

History of the Iskra Brand

Iskra Avtoelektrika was formed in 1980 as part of the Iskra Group based in Slovenia. In 2012 the company changed its name from Iskra to Letrika.

Headquartered in Šempeter pri Gorici in Slovenia, the company, which was listed on the Ljubljana stock exchange, develops and manufactures alternators, starter motors, and electric motors primarily for customers in the agricultural and construction machinery market segments, as well as other industrial applications.

By 2014, the business was generating over €240 million in sales and had over 2,400 employees at seven production and development locations in Slovenia, Bosnia and Herzegovina, Belarus, China, and Brazil.

In June 2014, the MAHLE Group, based in Stuttgart, Germany, signed an agreement for the acquisition of Letrika. MAHLE has a local presence in all major world markets with over 65,000 employees at 140 production locations and generating sales of over €10 billion. In 2016, the Mahle Letrika brand was integrated into and rebranded as MAHLE Original.



Established in 1980 as Iskra Avtoelektrika



Rebranded as Letrika in 2012.



Acquired by MAHLE in 2014 and rebranded as MAHLE Original in 2016.

Product
Data Lists

Alternators

Starter Motors

Alternator Vehicle
Application Guide

Starter Motor
Application Guide

Cross References

Alternators by Mahle Reference

Mahle	Iskra	V	A	Rotation	Grooves	Dia	Mahle	Iskra	V	A	Rotation	Grooves	Dia
MG3	IA1057	12	150	CW	-	-	MG210	IA0914	12	80	CW	1	68
MG5	IA1485	12	100	CW	4	55	MG211	IA0691	12	65	CW	1	82
MG9	IA1349	12	175	CW	-	-	MG212	IA0810	12	70	CW	-	-
MG13	IA0875	12	95	CW	-	-	MG216	IA0811	12	70	CW	-	-
MG15	IA1018	12	100	CW	6	67	MG220	IA0670	12	70	CCW	-	-
MG17	IA0710	24	55	CW	1	70	MG221	IA1200	12	80	CW	1	70
MG21	IA0711	12	65	CW	1	65	MG222	IA0566	12	65	CW	1	60
MG23	IA1484	12	95	CW	8	56	MG223	IA1504	12	120	CW	8	55
MG28	IA1242	12	150	CW	-	-	MG225	IA1357	12	200	CW	8	60
MG29	IA1215	12	200	CW	4	55	MG228	IA0230	12	55	CW	1	76
MG30	IA1198	12	150	CW	10	61	MG230	IA0856	12	70	CW	1	80
MG35	IA1301	12	200	CW	10	61	MG233	IA1348	12	95	CW	-	-
MG38	IA0908	12	95	CW	8	56	MG234	IA0668	12	95	CW	1	80
MG39	IA1542	12	120	CW	-	-	MG235	IA0764	12	55	CW	1	70
MG43	IA0071	12	55	CW	1	68	MG236	IA0577	12	55	CW	1	68
MG46	IA0855	12	70	CW	2	80	MG239	IA0579	12	55	CW	1	68
MG52	IA1117	12	150	CW	-	-	MG241	IA0581	12	70	CW	1	60
MG67	IA1372	12	55	CW	1	65	MG246	IA1019	12	100	CW	8	67
MG74	IA1212	12	95	CW	8	56	MG258	IA0571	12	55	CW	1	68
MG75	IA1312	12	50	CW	-	-	MG260	IA0574	24	27	CW	-	-
MG80	IA0598	12	70	CCW	-	-	MG262	IA1536	24	55	CW	-	-
MG81	IA0907	12	85	CW	2	68	MG265	IA1479	12	80	CW	1	65
MG83	IA1067	12	95	CW	2	76	MG267	IA1159	12	175	CW	8	62
MG84	IA0759	24	50	CW	-	-	MG269	IA1332	12	175	CW	-	-
MG86	IA0717	12	65	CW	1	70	MG271	IA0692	12	65	CW	1	90
MG100	IA0705	24	55	CW	2	97	MG272	IA0693	12	65	CW	1	90
MG102	IA0707	12	55	CW	5	60	MG274	IA1452	12	120	CW	8	55
MG108	IA0830	12	95	CW	8	60	MG278	IA0665	12	65	CW	1	80
MG109	IA0831	24	55	CW	-	-	MG279	IA0595	12	65	CW	-	-
MG110	IA0276	12	65	CW	1	90	MG281	IA0501	12	33	CW	-	-
MG111	IA0292	12	60	CW	-	-	MG282	IA0502	12	33	CW	1	68
MG114	IA0485	24	40	CW	-	-	MG283	IA0504	12	65	CW	1	75
MG123	IA0037	12	33	CW	1	80	MG284	IA1315	12	55	CW	2	68
MG124	IA0096	12	33	CW	1	68	MG286	IA1224	12	120	CW	8	61
MG126	IA0102	12	55	CW	-	-	MG288	IA0514	12	65	CW	-	-
MG127	IA0112	12	55	CW	1	68	MG289	IA0522	24	55	CW	-	-
MG137	IA1453	12	120	CW	8	55	MG308	IA0970	12	120	CW	-	-
MG139	IA1132	12	150	CW	-	-	MG312	IA1026	24	55	CW	-	-
MG156	IA0327	12	65	CW	1	68	MG314	IA1081	12	95	CW	-	-
MG158	IA0722	12	55	CW	1	95	MG316	IA1131	12	80	CW	1	88
MG162	IA1670	12	150	CW	-	-	MG319	IA0801	24	55	CW	-	-
MG165	IA1473	12	120	CW	-	-	MG327	IA1073	12	120	CW	8	60
MG168	IA1321	12	80	CW	-	-	MG329	IA1052	12	90	CW	-	-
MG169	IA1472	12	95	CW	-	-	MG330	IA1185	12	65	CW	2	76
MG176	IA0470	12	65	CW	1	80	MG332	IA1165	12	75	CW	6	50
MG177	IA0675	12	95	CW	-	-	MG337	IA1076	24	55	CW	-	-
MG178	IA0925	12	120	CW	-	-	MG339	IA1161	12	120	CW	8	50
MG181	IA1328	12	120	CW	10	61	MG344	IA1023	12	95	CW	-	-
MG182	IA1320	12	120	CW	-	-	MG348	IA0913	12	65	CW	1	70
MG183	IA9419	24	55	CW	-	-	MG349	IA1354	12	95	CW	2	82
MG187	IA0446	12	55	CW	1	68	MG353	IA0666	12	85	CW	-	-
MG191	IA0336	12	55	CW	1	80	MG354	IA0667	12	85	CCW	-	-
MG192	IA0400	12	55	CW	2	80	MG357	IA0662	12	65	CCW	-	-
MG195	IA0500	12	33	CW	-	-	MG359	IA0800	12	85	CW	2	68
MG199	IA1358	12	65	CW	2	68	MG368	IA0050	24	35	CW	-	-
MG200	IA1113	12	95	CW	-	-	MG369	IA0055	24	35	CW	1	80
MG203	IA1080	24	35	CW	-	-	MG371	IA0062	12	33	CW	1	65
MG206	IA0360	24	35	CW	2	97	MG372	IA0067	12	34	CW	1	62
MG207	IA0505	12	45	CW	1	75	MG378	IA0599	12	45	CW	8	67
MG209	IA1078	12	55	CW	-	-	MG379	IA0600	12	65	CW	8	67

Alternators by Mahle Reference

Mahle	Iskra	V	A	Rotation	Grooves	Dia
MG385	IA0854	24	55	CW	2	80
MG388	IA0880	12	65	CW	1	115
MG393	IA1241	12	120	CW	-	-
MG397	IA0955	12	70	CW	1	63
MG399	IA0555	24	55	CW	1	80
MG400	IA0560	12	33	CW	1	68
MG402	IA0876	12	65	CW	1	75
MG403	IA0877	12	65	CW	2	75
MG404	IA1020	12	120	CW	8	67
MG407	IA0881	12	95	CW	2	61
MG412	IA0884	12	70	CW	2	61
MG415	IA0728	12	70	CW	5	60
MG426	IA0301	12	55	CW	1	68
MG427	IA0305	12	55	CW	1	68
MG432	IA0735	12	45	CW	1	65
MG435	IA0738	12	95	CW	8	50
MG437	IA0783	12	33	CW	1	80
MG438	IA0784	12	33	CW	1	87
MG450	IA1274	12	120	CW	10	63
MG453	IA1206	12	55	CW	8	55
MG462	IA0095	12	33	CW	1	80
MG468	IA1417	12	175	CW	-	-
MG470	IA1527	12	220	CW	-	-
MG473	IA1031	24	80	CW	-	-
MG475	IA1385	24	110	CW	-	-
MG477	IA1522	12	120	CW	-	-
MG478	IA0513	12	65	CW	1	74
MG480	IA1378	12	150	CW	8	61
MG481	IA1379	12	200	CW	8	61
MG482	IA1299	12	75	CW	8	60
MG484	IA1196	12	175	CW	8	60
MG485	IA1503	12	100	CW	8	55
MG490	IA1058	12	150	CW	-	-
MG502	IA1351	12	95	CW	1	70
MG512	IA0437	12	65	CW	1	65
MG515	IA0463	12	65	CW	-	-
MG517	IA0507	12	33	CW	-	-
MG521	IA0329	12	65	CW	2	90
MG524	IA0330	12	65	CW	2	85
MG525	IA0480	12	45	CW	6	67
MG526	IA0481	12	65	CW	6	67
MG530	IA0524	12	65	CW	2	81
MG535	IA0405	12	55	CW	1	65
MG539	IA0984	12	80	CW	2	70
MG540	IA1485	12	80	CW	-	-
MG541	IA0983	12	80	CW	-	-
MG547	IA0761	24	50	CW	2	85
MG548	IA0762	24	50	CW	8	95
MG550	IA1373	12	65	CW	1	68
MG554	IA1079	24	35	CW	-	-
MG560	IA1204	12	100	CW	-	-
MG561	IA1286	12	120	CW	8	55
MG562	IA1203	12	120	CW	-	-
MG566	IA1393	12	75	CW	1	56
MG570	IA1044	12	150	CW	6	50
MG575	IA1169	12	150	CW	-	-
MG577	IA1126	12	150	CW	8	67
MG590	IA0415	12	65	CW	2	72
MG592	IA0676	12	55	CW	2	80
MG597	IA1153	12	120	CW	-	-

Mahle	Iskra	V	A	Rotation	Grooves	Dia
MG599	IA1046	12	80	CW	1	82
MG604	IA0499	12	65	CW	1	68
MG605	IA0497	12	55	CW	1	68
MG607	IA0484	12	80	CW	-	-
MG610	IA1565	12	200	CW	8	60
MG626	IA0226	12	65	CW	-	-
MG627	IA0069	24	35	CW	1	68
MG657	IA0476	12	65	CW	-	-
MG658	IA0525	24	35	CW	-	-
MG659	IA0570	12	65	CW	-	-
MH692	IA1381	12	55	CW	-	-

Alternators by Iskra Reference

Iskra	Mahle	V	A	Rotation	Grooves	Dia	Iskra	Mahle	V	A	Rotation	Grooves	Dia
IA0037	MG123	12	33	CW	1	80	IA0662	MG357	12	65	CCW	-	-
IA0050	MG368	24	35	CW	-	-	IA0665	MG278	12	65	CW	1	80
IA0055	MG369	24	35	CW	1	80	IA0666	MG353	12	85	CW	-	-
IA0062	MG371	12	33	CW	1	65	IA0667	MG354	12	85	CCW	-	-
IA0067	MG372	12	34	CW	1	62	IA0668	MG234	12	95	CW	1	80
IA0069	MG627	24	35	CW	1	68	IA0670	MG220	12	70	CCW	-	-
IA0071	MG43	12	55	CW	1	68	IA0675	MG177	12	95	CW	-	-
IA0095	MG462	12	33	CW	1	80	IA0676	MG592	12	55	CW	2	80
IA0096	MG124	12	33	CW	1	68	IA0691	MG211	12	65	CW	1	82
IA0102	MG126	12	55	CW	-	-	IA0692	MG271	12	65	CW	1	90
IA0112	MG127	12	55	CW	1	68	IA0693	MG272	12	65	CW	1	90
IA0226	MG626	12	65	CW	-	-	IA0705	MG100	24	55	CW	2	97
IA0230	MG228	12	55	CW	1	76	IA0707	MG102	12	55	CW	5	60
IA0276	MG110	12	65	CW	1	90	IA0710	MG17	24	55	CW	1	70
IA0292	MG111	12	60	CW	-	-	IA0711	MG21	12	65	CW	1	65
IA0301	MG426	12	55	CW	1	68	IA0717	MG86	12	65	CW	1	70
IA0305	MG427	12	55	CW	1	68	IA0722	MG158	12	55	CW	1	95
IA0327	MG156	12	65	CW	1	68	IA0728	MG415	12	70	CW	5	60
IA0329	MG521	12	65	CW	2	90	IA0735	MG432	12	45	CW	1	65
IA0330	MG524	12	65	CW	2	85	IA0738	MG435	12	95	CW	8	50
IA0336	MG191	12	55	CW	1	80	IA0759	MG84	24	50	CW	-	-
IA0360	MG206	24	35	CW	2	97	IA0761	MG547	24	50	CW	2	85
IA0400	MG192	12	55	CW	2	80	IA0762	MG548	24	50	CW	8	95
IA0405	MG535	12	55	CW	1	65	IA0764	MG235	12	55	CW	1	70
IA0415	MG590	12	65	CW	2	72	IA0783	MG437	12	33	CW	1	80
IA0437	MG512	12	65	CW	1	65	IA0784	MG438	12	33	CW	1	87
IA0446	MG187	12	55	CW	1	68	IA0800	MG359	12	85	CW	2	68
IA0463	MG515	12	65	CW	-	-	IA0801	MG319	24	55	CW	-	-
IA0470	MG176	12	65	CW	1	80	IA0810	MG212	12	70	CW	-	-
IA0476	MG657	12	65	CW	-	-	IA0811	MG216	12	70	CW	-	-
IA0480	MG525	12	45	CW	6	67	IA0830	MG108	12	95	CW	8	60
IA0481	MG526	12	65	CW	6	67	IA0831	MG109	24	55	CW	-	-
IA0484	MG607	12	80	CW	-	-	IA0854	MG385	24	55	CW	2	80
IA0485	MG114	24	40	CW	-	-	IA0855	MG46	12	70	CW	2	80
IA0497	MG605	12	55	CW	1	68	IA0856	MG230	12	70	CW	1	80
IA0499	MG604	12	65	CW	1	68	IA0875	MG13	12	95	CW	-	-
IA0500	MG195	12	33	CW	-	-	IA0876	MG402	12	65	CW	1	75
IA0501	MG281	12	33	CW	-	-	IA0877	MG403	12	65	CW	2	75
IA0502	MG282	12	33	CW	1	68	IA0880	MG388	12	65	CW	1	115
IA0504	MG283	12	65	CW	1	75	IA0881	MG407	12	95	CW	2	61
IA0505	MG207	12	45	CW	1	75	IA0884	MG412	12	70	CW	2	61
IA0507	MG517	12	33	CW	-	-	IA0907	MG81	12	85	CW	2	68
IA0513	MG478	12	65	CW	1	74	IA0908	MG38	12	95	CW	8	56
IA0514	MG288	12	65	CW	-	-	IA0913	MG348	12	65	CW	1	70
IA0522	MG289	24	55	CW	-	-	IA0914	MG210	12	80	CW	1	68
IA0524	MG530	12	65	CW	2	81	IA0925	MG178	12	120	CW	-	-
IA0525	MG658	24	35	CW	-	-	IA0955	MG397	12	70	CW	1	63
IA0555	MG399	24	55	CW	1	80	IA0970	MG308	12	120	CW	-	-
IA0560	MG400	12	33	CW	1	68	IA0983	MG541	12	80	CW	-	-
IA0566	MG222	12	65	CW	1	60	IA0984	MG539	12	80	CW	2	70
IA0570	MG659	12	65	CW	-	-	IA1018	MG15	12	100	CW	6	67
IA0571	MG258	12	55	CW	1	68	IA1019	MG246	12	100	CW	8	67
IA0574	MG260	24	27	CW	-	-	IA1020	MG404	12	120	CW	8	67
IA0577	MG236	12	55	CW	1	68	IA1023	MG344	12	95	CW	-	-
IA0579	MG239	12	55	CW	1	68	IA1026	MG312	24	55	CW	-	-
IA0581	MG241	12	70	CW	1	60	IA1031	MG473	24	80	CW	-	-
IA0595	MG279	12	65	CW	-	-	IA1044	MG570	12	150	CW	6	50
IA0598	MG80	12	70	CCW	-	-	IA1046	MG599	12	80	CW	1	82
IA0599	MG378	12	45	CW	8	67	IA1052	MG329	12	90	CW	-	-
IA0600	MG379	12	65	CW	8	67	IA1057	MG3	12	150	CW	-	-

Alternators by Iskra Reference

Iskra	Mahle	V	A	Rotation	Grooves	Dia	Iskra	Mahle	V	A	Rotation	Grooves	Dia
IA1058	MG490	12	150	CW	-	-	IA1485	MG5	12	100	CW	4	55
IA1067	MG83	12	95	CW	2	76	IA1485	MG540	12	80	CW	-	-
IA1073	MG327	12	120	CW	8	60	IA1503	MG485	12	100	CW	8	55
IA1076	MG337	24	55	CW	-	-	IA1504	MG223	12	120	CW	8	55
IA1078	MG209	12	55	CW	-	-	IA1522	MG477	12	120	CW	-	-
IA1079	MG554	24	35	CW	-	-	IA1527	MG470	12	220	CW	-	-
IA1080	MG203	24	35	CW	-	-	IA1536	MG262	24	55	CW	-	-
IA1081	MG314	12	95	CW	-	-	IA1542	MG39	12	120	CW	-	-
IA1113	MG200	12	95	CW	-	-	IA1565	MG610	12	200	CW	8	60
IA1117	MG52	12	150	CW	-	-	IA1670	MG162	12	150	CW	-	-
IA1126	MG577	12	150	CW	8	67	IA9419	MG183	24	55	CW	-	-
IA1131	MG316	12	80	CW	1	88							
IA1132	MG139	12	150	CW	-	-							
IA1153	MG597	12	120	CW	-	-							
IA1159	MG267	12	175	CW	8	62							
IA1161	MG339	12	120	CW	8	50							
IA1165	MG332	12	75	CW	6	50							
IA1169	MG575	12	150	CW	-	-							
IA1185	MG330	12	65	CW	2	76							
IA1196	MG484	12	175	CW	8	60							
IA1198	MG30	12	150	CW	10	61							
IA1200	MG221	12	80	CW	1	70							
IA1203	MG562	12	120	CW	-	-							
IA1204	MG560	12	100	CW	-	-							
IA1206	MG453	12	55	CW	8	55							
IA1212	MG74	12	95	CW	8	56							
IA1215	MG29	12	200	CW	4	55							
IA1224	MG286	12	120	CW	8	61							
IA1241	MG393	12	120	CW	-	-							
IA1242	MG28	12	150	CW	-	-							
IA1274	MG450	12	120	CW	10	63							
IA1286	MG561	12	120	CW	8	55							
IA1299	MG482	12	75	CW	8	60							
IA1301	MG35	12	200	CW	10	61							
IA1312	MG75	12	50	CW	-	-							
IA1315	MG284	12	55	CW	2	68							
IA1320	MG182	12	120	CW	-	-							
IA1321	MG168	12	80	CW	-	-							
IA1328	MG181	12	120	CW	10	61							
IA1332	MG269	12	175	CW	-	-							
IA1348	MG233	12	95	CW	-	-							
IA1349	MG9	12	175	CW	-	-							
IA1351	MG502	12	95	CW	1	70							
IA1354	MG349	12	95	CW	2	82							
IA1357	MG225	12	200	CW	8	60							
IA1358	MG199	12	65	CW	2	68							
IA1372	MG67	12	55	CW	1	65							
IA1373	MG550	12	65	CW	1	68							
IA1378	MG480	12	150	CW	8	61							
IA1379	MG481	12	200	CW	8	61							
IA1381	MH692	12	55	CW	-	-							
IA1385	MG475	24	110	CW	-	-							
IA1393	MG566	12	75	CW	1	56							
IA1417	MG468	12	175	CW	-	-							
IA1452	MG274	12	120	CW	8	55							
IA1453	MG137	12	120	CW	8	55							
IA1472	MG169	12	95	CW	-	-							
IA1473	MG165	12	120	CW	-	-							
IA1479	MG265	12	80	CW	1	65							
IA1484	MG23	12	95	CW	8	56							

Starter Motors by Mahle Reference

Mahle	Iskra	V	kW	Teeth	Rotation	Mahle	Iskra	V	kW	Teeth	Rotation
MS4	IS1098	12	3.2	10	CW	MS235	IS1303	12	3.2	11	CW
MS22	IS1200	12	4.2	10	CW	MS237	IS0745	24	4.0	10	CW
MS24	IS1189	12	3.2	10	CW	MS241	IS1100	24	2.5	9	CW
MS25	IS1016	12	3.0	10	CW	MS242	IS1140	24	4.0	10	CW
MS27	IS1073	12	2.6	9	CW	MS243	IS1046	12	3.0	10	CW
MS30	IS1072	12	3.2	11	CW	MS252	IS1045	12	2.0	9	CW
MS34	IS1297	12	3.2	9	CW	MS264	IS0569	12	3.1	10	CW
MS37	IS1221	12	4.2	10	CW	MS265	IS0743	24	4.0	9	CW
MS43	IS1133	12	4.2	10	CW	MS267	IS0520	12	2.7	10	CW
MS45	IS1055	12	3.0	10	CW	MS268	IS0659	12	3.6	10	CW
MS49	IS0631	12	2.7	10	CW	MS271	IS0695	12	3.1	9	CW
MS51	IS0630	12	2.7	11	CW	MS272	IS0889	12	2.7	9	CW
MS58	IS0201	12	3.0	11	CW	MS273	IS0890	12	2.6	10	CW
MS65	IS1254	12	4.0	9	CW	MS284	IS0548	12	2.7	9	CW
MS66	IS1255	24	4.0	9	CW	MS276	IS0895	12	2.7	11	CW
MS67	IS1237	12	4.0	9	CW	MS277	IS0551	12	2.7	9	CW
MS68	IS1236	24	4.0	9	CW	MS278	IS0366	12	3.0	9	CW
MS74	IS1275	12	2.0	10	CW	MS280	IS0751	12	3.0	9	CW
MS78	IS1263	12	2.6	9	CW	MS281	IS0863	12	3.1	9	CW
MS79	IS1262	12	4.2	9	CW	MS282	IS0872	12	2.8	10	CW
MS84	IS1105	12	4.2	11	CW	MS289	IS1195	12	3.2	10	CW
MS86	IS1101	12	2.0	9	CW	MS291	IS1158	12	4.2	10	CW
MS89	IS0793	12	3.4	10	CW	MS292	IS1103	12	3.2	10	CW
MS91	IS0897	12	3.0	10	CW	MS293	IS1027	12	3.2	10	CW
MS94	IS1063	12	4.2	10	CW	MS294	IS1159	12	4.2	10	CW
MS95	IS1273	12	2.7	10	CW	MS299	IS1233	12	3.2	10	CW
MS101	IS1077	12	4.2	10	CW	MS300	IS0521	12	2.7	11	CW
MS107	IS0618	12	2.7	9	CW	MS301	IS0525	12	2.7	9	CCW
MS108	IS0619	12	3.7	9	CW	MS304	IS0773	12	1.7	9	CW
MS110	IS1070	12	4.2	10	CW	MS307	IS0875	12	2.8	10	CW
MS111	IS1071	12	3.0	10	CW	MS308	IS0567	12	3.1	9	CW
MS117	IS1089	12	4.2	10	CW	MS309	IS0821	12	3.0	11	CW
MS137	IS1033	12	2.7	11	CW	MS310	IS0783	12	3.0	10	CW
MS138	IS0999	12	4.2	10	CW	MS312	IS0534	12	3.0	10	CW
MS140	IS1149	12	2.0	9	CW	MS313	IS0612	12	2.7	9	CW
MS148	IS1090	12	3.2	10	CW	MS314	IS0808	12	3.0	10	CW
MS149	IS0632	12	2.8	10	CW	MS315	IS0807	12	3.0	10	CW
MS151	IS1023	12	4.2	10	CW	MS317	IS0682	12	3.0	11	CW
MS152	IS1018	12	3.0	10	CW	MS319	IS0766	24	4.0	9	CW
MS168	IS1109	12	4.2	10	CW	MS320	IS0685	12	3.0	10	CW
MS170	IS1315	12	3.2	10	CW	MS322	IS0881	12	3.0	9	CW
MS175	IS0836	12	4.2	11	CW	MS325	IS0687	24	4.0	9	CW
MS177	IS0364	24	4.0	9	CW	MS330	IS0531	12	1.8	9	CW
MS184	IS0179	12	3.0	11	CW	MS332	IS0671	12	3.0	9	CW
MS185	IS0436	12	3.0	10	CW	MS334	IS0533	12	2.7	10	CW
MS186	IS0490	24	4.0	9	CW	MS335	IS0532	12	2.7	9	CW
MS187	IS0500	12	2.7	9	CW	MS336	IS0709	12	2.7	9	CW
MS190	IS0432	12	2.7	9	CW	MS338	IS0707	12	3.6	9	CCW
MS192	IS0409	12	3.0	9	CW	MS339	IS0706	12	3.1	9	CW
MS193	IS0412	12	3.0	9	CW	MS341	IS0908	12	1.4	9	CW
MS194	IS0402	12	3.0	9	CW	MS343	IS0711	12	1.8	10	CW
MS195	IS0403	12	3.0	9	CW	MS345	IS0509	12	2.8	10	CW
MS212	IS1259	24	6.5	12	CW	MS346	IS0579	12	2.8	10	CW
MS214	IS1344	24	4.0	11	CW	MS347	IS0526	12	2.8	10	CW
MS219	IS0565	12	2.7	11	CW	MS348	IS0896	12	2.8	10	CW
MS220	IS0552	12	3.0	9	CW	MS349	IS0824	12	3.0	9	CW
MS221	IS1154	12	2.6	10	CW	MS350	IS0937	12	3.0	9	CW
MS225	IS1019	12	4.2	10	CW	MS351	IS0669	12	2.7	9	CW
MS228	IS0624	12	2.7	10	CW	MS352	IS0704	12	3.1	9	CW
MS232	IS0842	24	4.0	9	CW	MS353	IS0670	12	3.0	9	CW

Starter Motors by Mahle Reference

Mahle	Iskra	V	kW	Teeth	Rotation
MS354	IS0254	12	3.0	9	CW
MS355	IS0705	12	3.1	11	CW
MS357	IS0627	12	3.1	10	CW
MS358	IS0739	12	3.1	10	CW
MS359	IS1015	12	1.2	9	CCW
MS360	IS1002	24	4.0	10	CW
MS365	IS0663	12	4.0	10	CW
MS366	IS0862	12	3.1	9	CW
MS368	IS1001	12	3.6	10	CW
MS369	IS0993	24	4.0	10	CW
MS385	IS0629	12	2.8	10	CW
MS386	IS0491	24	4.0	9	CW
MS387	IS0492	24	4.0	9	CW
MS388	IS0203	12	2.7	9	CW
MS389	IS0216	24	3.2	9	CW
MS390	IS0502	12	2.7	9	CW
MS391	IS0503	12	2.7	9	CW
MS392	IS0248	12	2.4	9	CCW
MS393	IS0250	12	2.7	11	CW
MS395	IS1378	12	3.2	10	CW
MS396	IS1219	12	2.7	9	CW
MS399	IS1201	12	3.2	10	CW
MS403	IS1202	12	4.2	10	CW
MS416	IS1157	12	4.2	10	CW
MS418	IS0665	12	2.7	10	CW
MS430	IS1059	12	3.2	10	CW
MS434	IS1067	12	3.0	10	CW
MS439	IS0730	24	4.0	11	CW
MS440	IS0941	12	3.0	10	CW
MS446	IS0841	12	3.0	9	CW
MS476	IS9098	24	6.6	11	CW
MS486	IS1056	12	4.2	10	CW
MS548	IS0411	12	3.0	10	CW

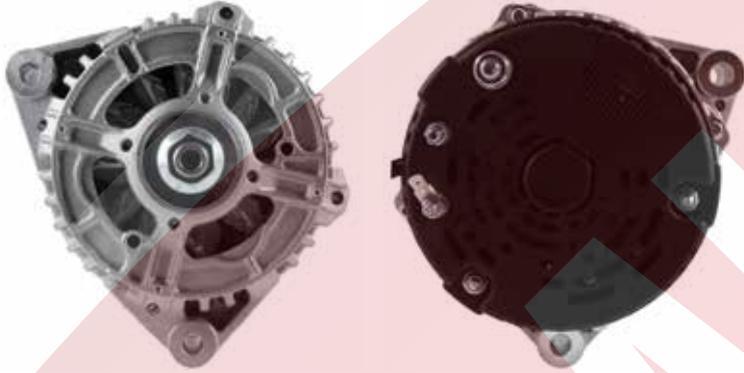
Starter Motors by Iskra Reference

Iskra	Mahle	V	kW	Teeth	Rotation	Iskra	Mahle	V	kW	Teeth	Rotation
IS0179	MS184	12	3.0	11	CW	IS0707	MS338	12	3.6	9	CCW
IS0201	MS58	12	3.0	11	CW	IS0709	MS336	12	2.7	9	CW
IS0203	MS388	12	2.7	9	CW	IS0711	MS343	12	1.8	10	CW
IS0216	MS389	24	3.2	9	CW	IS0730	MS439	24	4.0	11	CW
IS0248	MS392	12	2.4	9	CCW	IS0739	MS358	12	3.1	10	CW
IS0250	MS393	12	2.7	11	CW	IS0743	MS265	24	4.0	9	CW
IS0254	MS354	12	3.0	9	CW	IS0745	MS237	24	4.0	10	CW
IS0364	MS177	24	4.0	9	CW	IS0751	MS280	12	3.0	9	CW
IS0366	MS278	12	3.0	9	CW	IS0766	MS319	24	4.0	9	CW
IS0402	MS194	12	3.0	9	CW	IS0773	MS304	12	1.7	9	CW
IS0403	MS195	12	3.0	9	CW	IS0783	MS310	12	3.0	10	CW
IS0409	MS192	12	3.0	9	CW	IS0793	MS89	12	3.4	10	CW
IS0411	MS548	12	3.0	10	CW	IS0807	MS315	12	3.0	10	CW
IS0412	MS193	12	3.0	9	CW	IS0808	MS314	12	3.0	10	CW
IS0432	MS190	12	2.7	9	CW	IS0821	MS309	12	3.0	11	CW
IS0436	MS185	12	3.0	10	CW	IS0824	MS349	12	3.0	9	CW
IS0490	MS186	24	4.0	9	CW	IS0836	MS175	12	4.2	11	CW
IS0491	MS386	24	4.0	9	CW	IS0841	MS446	12	3.0	9	CW
IS0492	MS387	24	4.0	9	CW	IS0842	MS232	24	4.0	9	CW
IS0500	MS187	12	2.7	9	CW	IS0862	MS366	12	3.1	9	CW
IS0502	MS390	12	2.7	9	CW	IS0863	MS281	12	3.1	9	CW
IS0503	MS391	12	2.7	9	CW	IS0872	MS282	12	2.8	10	CW
IS0509	MS345	12	2.8	10	CW	IS0875	MS307	12	2.8	10	CW
IS0520	MS267	12	2.7	10	CW	IS0881	MS322	12	3.0	9	CW
IS0521	MS300	12	2.7	11	CW	IS0889	MS272	12	2.7	9	CW
IS0525	MS301	12	2.7	9	CCW	IS0890	MS273	12	2.6	10	CW
IS0526	MS347	12	2.8	10	CW	IS0895	MS276	12	2.7	11	CW
IS0531	MS330	12	1.8	9	CW	IS0896	MS348	12	2.8	10	CW
IS0532	MS335	12	2.7	9	CW	IS0897	MS91	12	3.0	10	CW
IS0533	MS334	12	2.7	10	CW	IS0908	MS341	12	1.4	9	CW
IS0534	MS312	12	3.0	10	CW	IS0937	MS350	12	3.0	9	CW
IS0548	MS284	12	2.7	9	CW	IS0941	MS440	12	3.0	10	CW
IS0551	MS277	12	2.7	9	CW	IS0993	MS369	24	4.0	10	CW
IS0552	MS220	12	3.0	9	CW	IS0999	MS138	12	4.2	10	CW
IS0565	MS219	12	2.7	11	CW	IS1001	MS368	12	3.6	10	CW
IS0567	MS308	12	3.1	9	CW	IS1002	MS360	24	4.0	10	CW
IS0569	MS264	12	3.1	10	CW	IS1015	MS359	12	1.2	9	CCW
IS0579	MS346	12	2.8	10	CW	IS1016	MS25	12	3.0	10	CW
IS0612	MS313	12	2.7	9	CW	IS1018	MS152	12	3.0	10	CW
IS0618	MS107	12	2.7	9	CW	IS1019	MS225	12	4.2	10	CW
IS0619	MS108	12	3.7	9	CW	IS1023	MS151	12	4.2	10	CW
IS0624	MS228	12	2.7	10	CW	IS1027	MS293	12	3.2	10	CW
IS0627	MS357	12	3.1	10	CW	IS1033	MS137	12	2.7	11	CW
IS0629	MS385	12	2.8	10	CW	IS1045	MS252	12	2.0	9	CW
IS0630	MS51	12	2.7	11	CW	IS1046	MS243	12	3.0	10	CW
IS0631	MS49	12	2.7	10	CW	IS1055	MS45	12	3.0	10	CW
IS0632	MS149	12	2.8	10	CW	IS1056	MS486	12	4.2	10	CW
IS0659	MS268	12	3.6	10	CW	IS1059	MS430	12	3.2	10	CW
IS0663	MS365	12	4.0	10	CW	IS1063	MS94	12	4.2	10	CW
IS0665	MS418	12	2.7	10	CW	IS1067	MS434	12	3.0	10	CW
IS0669	MS351	12	2.7	9	CW	IS1070	MS110	12	4.2	10	CW
IS0670	MS353	12	3.0	9	CW	IS1071	MS111	12	3.0	10	CW
IS0671	MS332	12	3.0	9	CW	IS1072	MS30	12	3.2	11	CW
IS0682	MS317	12	3.0	11	CW	IS1073	MS27	12	2.6	9	CW
IS0685	MS320	12	3.0	10	CW	IS1077	MS101	12	4.2	10	CW
IS0687	MS325	24	4.0	9	CW	IS1089	MS117	12	4.2	10	CW
IS0695	MS271	12	3.1	9	CW	IS1090	MS148	12	3.2	10	CW
IS0704	MS352	12	3.1	9	CW	IS1098	MS4	12	3.2	10	CW
IS0705	MS355	12	3.1	11	CW	IS1100	MS241	24	2.5	9	CW
IS0706	MS339	12	3.1	9	CW	IS1101	MS86	12	2.0	9	CW

Starter Motors by Iskra Reference

Iskra	Mahle	V	kW	Teeth	Rotation
IS1103	MS292	12	3.2	10	CW
IS1105	MS84	12	4.2	11	CW
IS1109	MS168	12	4.2	10	CW
IS1133	MS43	12	4.2	10	CW
IS1140	MS242	24	4.0	10	CW
IS1149	MS140	12	2.0	9	CW
IS1154	MS221	12	2.6	10	CW
IS1157	MS416	12	4.2	10	CW
IS1158	MS291	12	4.2	10	CW
IS1159	MS294	12	4.2	10	CW
IS1189	MS24	12	3.2	10	CW
IS1195	MS289	12	3.2	10	CW
IS1200	MS22	12	4.2	10	CW
IS1201	MS399	12	3.2	10	CW
IS1202	MS403	12	4.2	10	CW
IS1219	MS396	12	2.7	9	CW
IS1221	MS37	12	4.2	10	CW
IS1233	MS299	12	3.2	10	CW
IS1236	MS68	24	4.0	9	CW
IS1237	MS67	12	4.0	9	CW
IS1254	MS65	12	4.0	9	CW
IS1255	MS66	24	4.0	9	CW
IS1259	MS212	24	6.5	12	CW
IS1262	MS79	12	4.2	9	CW
IS1263	MS78	12	2.6	9	CW
IS1273	MS95	12	2.7	10	CW
IS1275	MS74	12	2.0	10	CW
IS1297	MS34	12	3.2	9	CW
IS1303	MS235	12	3.2	11	CW
IS1315	MS170	12	3.2	10	CW
IS1344	MS214	24	4.0	11	CW
IS1378	MS395	12	3.2	10	CW
IS9098	MS476	24	6.6	11	CW

Mahle Original Alternators



MAHMG3

IA1057

AAN5308

11.204.149

SPECIFICATION:

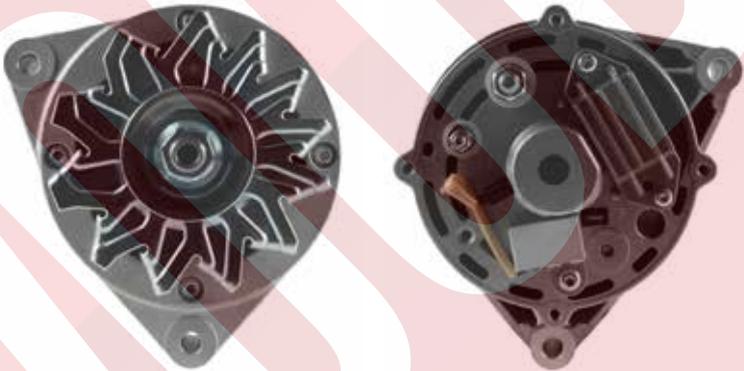
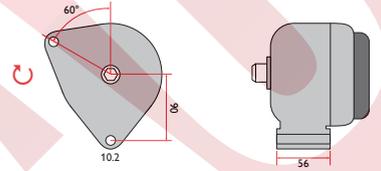
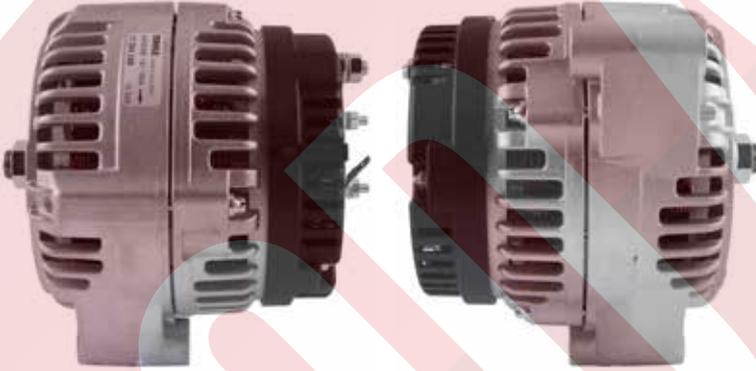
Voltage 12V

Amperage 150A

Rotation CW

Pulley Not fitted

Application Claas, Fendt



MAHMG5

IA1485

AAK1890

11.203.911

SPECIFICATION:

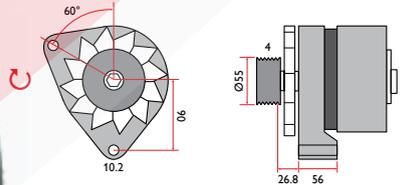
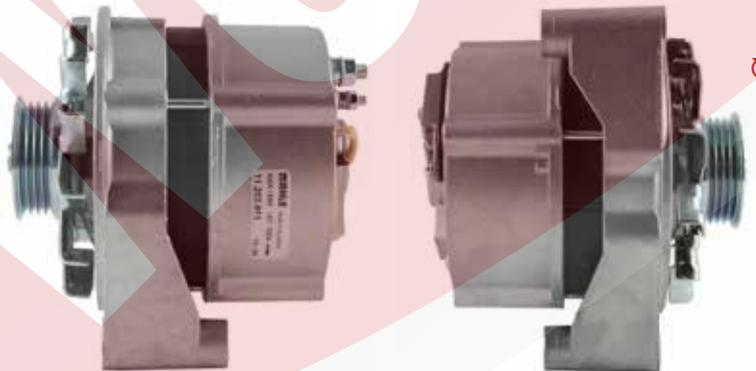
Voltage 12V

Amperage 100A

Rotation CW

Pulley PV4x55mm

Application Claas



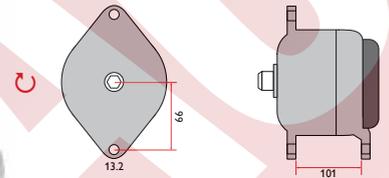
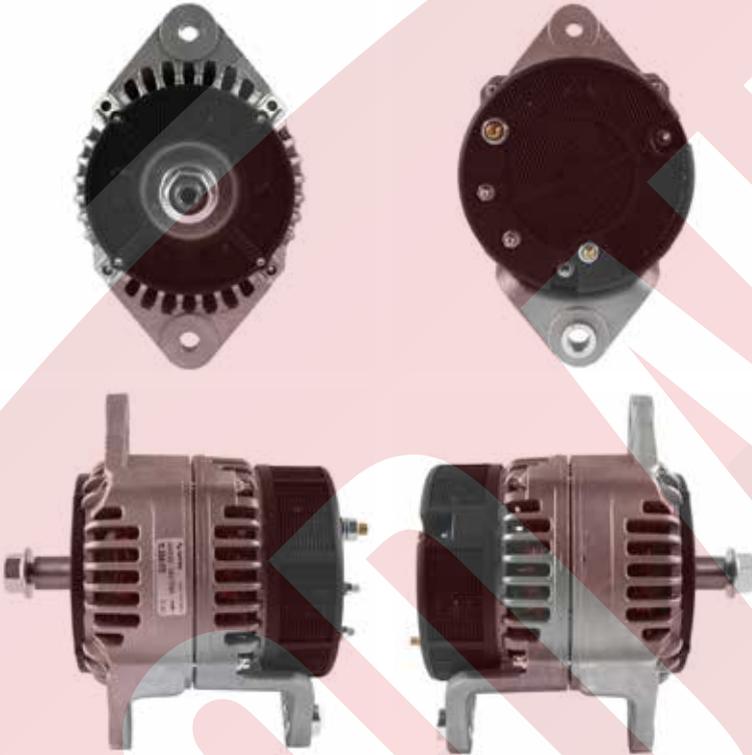
Mahle Original Alternators

MAHMG9

IA1349 AAN5331 11.204.172
ALT20695 (Iskra version)

SPECIFICATION:

Voltage 12V
Amperage 175A
Rotation CW
Pulley Not fitted
Application MF, CNH
Notes With trash screen

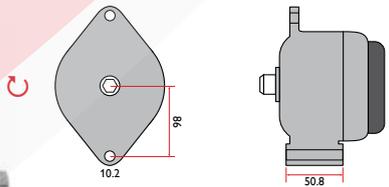
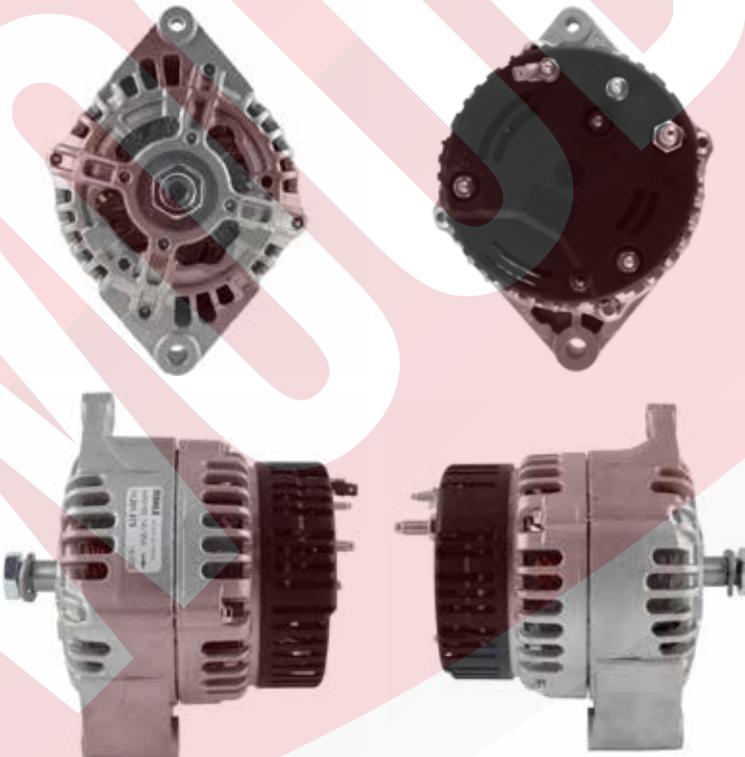


MAHMG13

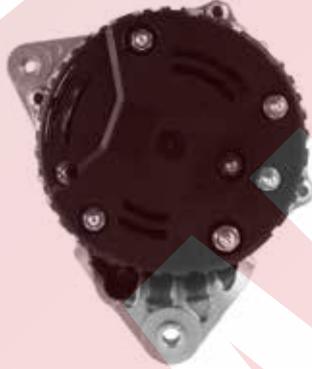
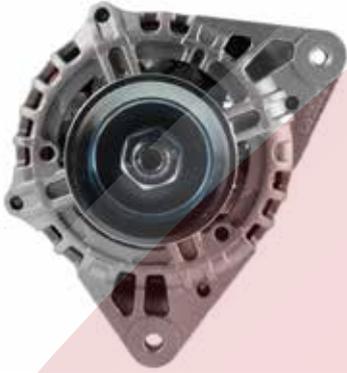
IA0875 AAK5165 11.201.875
ALT20045 (Bosch version)

SPECIFICATION:

Voltage 12V
Amperage 95A
Rotation CW
Pulley Not fitted
Application McCormick



Mahle Original Alternators



MAHMG15

IA1018

AAK5326

11.203.042

ALT12023 (Marelli version)

SPECIFICATION:

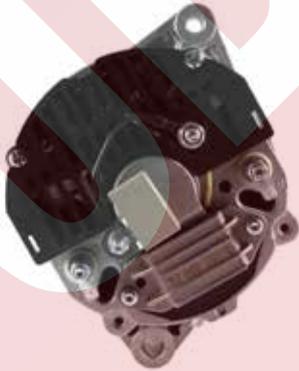
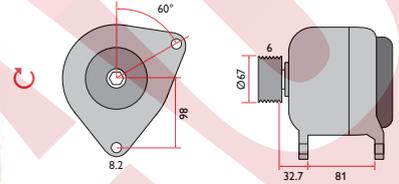
Voltage 12V

Amperage 100A

Rotation CW

Pulley PV6x67mm

Application New Holland



MAHMG17

IA0710

AAK3332

11.201.937

ALT14017 (Valeo version)

SPECIFICATION:

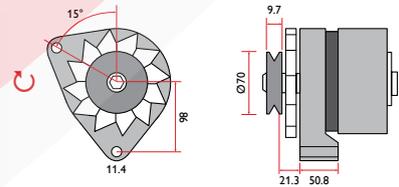
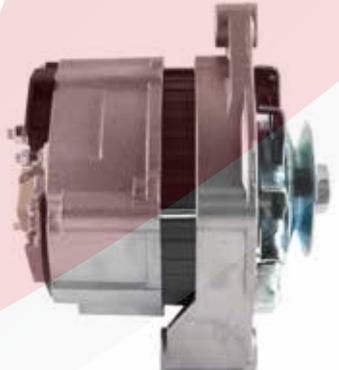
Voltage 24V

Amperage 55A

Rotation CW

Pulley V1x70mm

Application Volvo

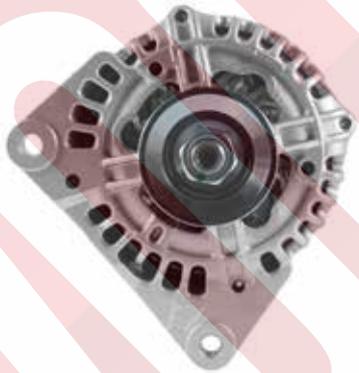
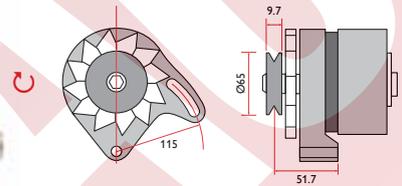
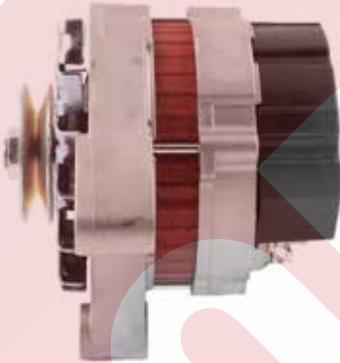
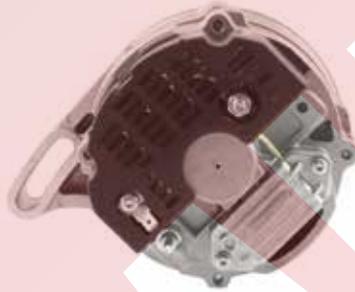


MAHMG21

IA0711 AAK4569 11.201.711
 ALT12106 (Marelli version)

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V1x65mm
 Application BCS
 Notes 80A version is MG18

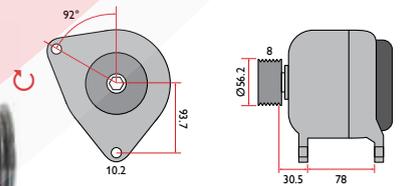
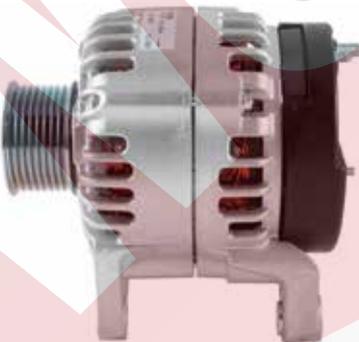


MAHMG23

IA1484 AAK5840 11.204.467

SPECIFICATION:

Voltage 12V
 Amperage 95A
 Rotation CW
 Pulley PV8x56mm
 Application JCB



Mahle Original Alternators



MAHMG28

IA1242

AAN5324

11.204.165

SPECIFICATION:

Voltage 12V

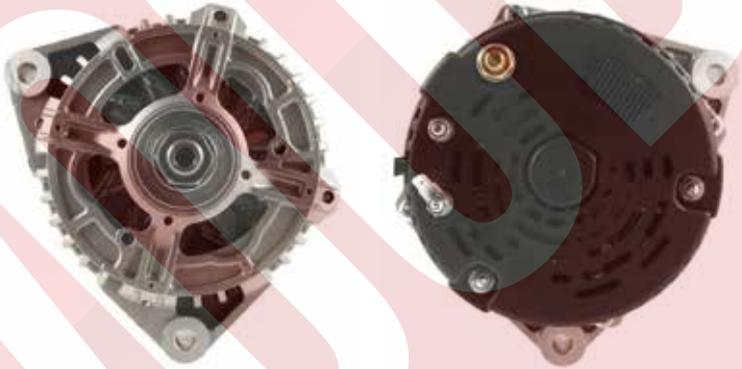
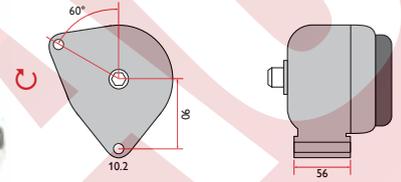
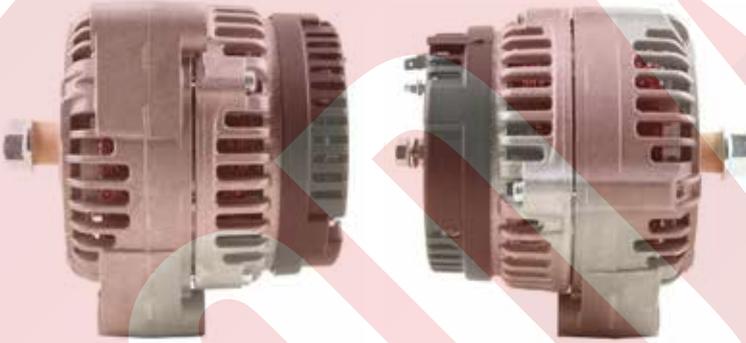
Amperage 150A

Rotation CW

Pulley Not fitted

Application MF, New Holland

Notes Dust-proof



MAHMG29

IA1215

AAN5346

11.204.187

SPECIFICATION:

Voltage 12V

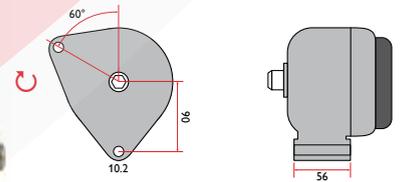
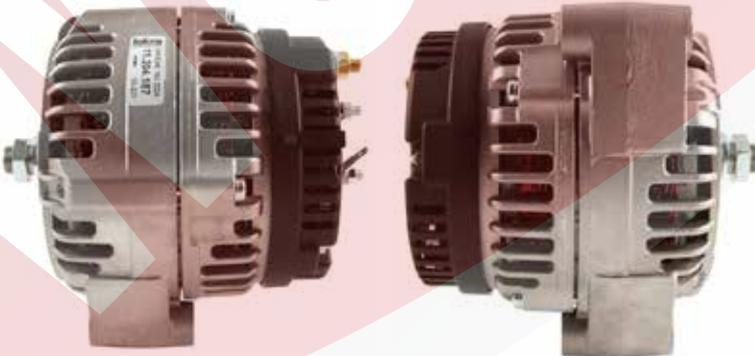
Amperage 200A

Rotation CW

Pulley Not fitted

Application Deutz-Fahr

Notes Dust-proof



Mahle Original Alternators

MAHMG30

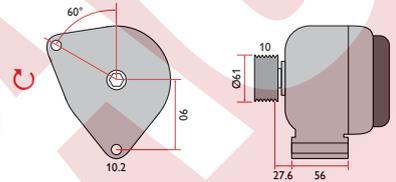
IA1198

AAN5333

11.204.174

SPECIFICATION:

Voltage	12V
Amperage	150A
Rotation	CW
Pulley	PV10x61mm
Application	CNH
Notes	Coil on D+ terminal
	Dust-proof



MAHMG35

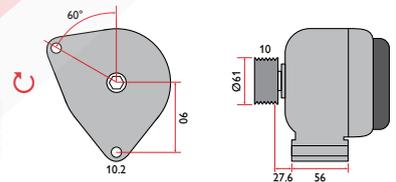
IA1301

AAN5334

11.204.175

SPECIFICATION:

Voltage	12V
Amperage	200A
Rotation	CW
Pulley	PV10x61mm
Application	CNH
Notes	Coil on D+ terminal
	Dust-proof



Mahle Original Alternators



MAHMG38

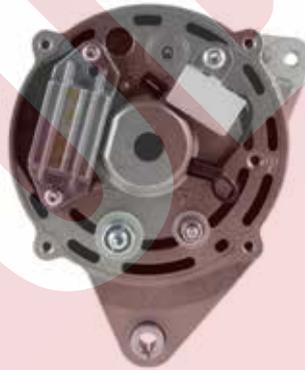
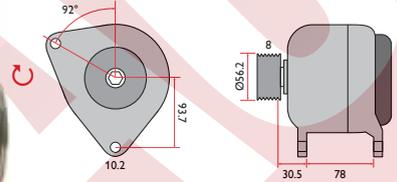
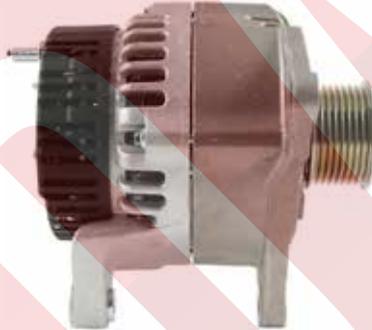
IA0908

AAK5813

11.204.138

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	PV8x56mm
Application	JCB
Notes	Dust-proof



MAHMG39

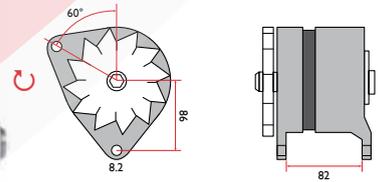
IA1542

AAK4855

11.204.479

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	Not fitted
Application	MF, Valtra
Notes	Dust-proof



Mahle Original Alternators

MAHMG43

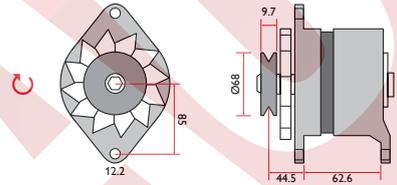
IA0071

AAK1117

11.201.071

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	Fiat



MAHMG46

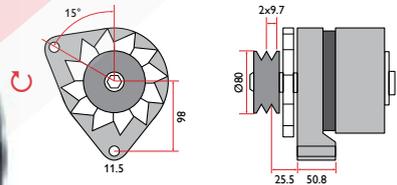
IA0855

AAK3338

11.201.944

SPECIFICATION:

Voltage	12V
Amperage	70A
Rotation	CW
Pulley	V2x80mm
Application	Volvo
Notes	Dust-proof



Mahle Original Alternators

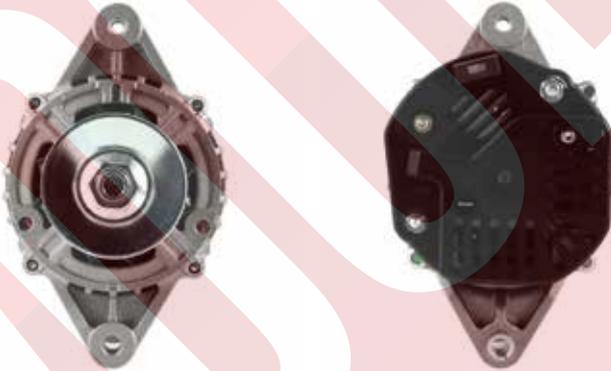
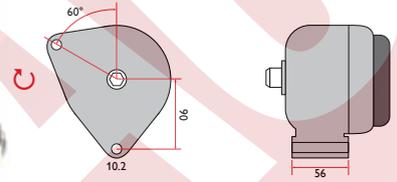
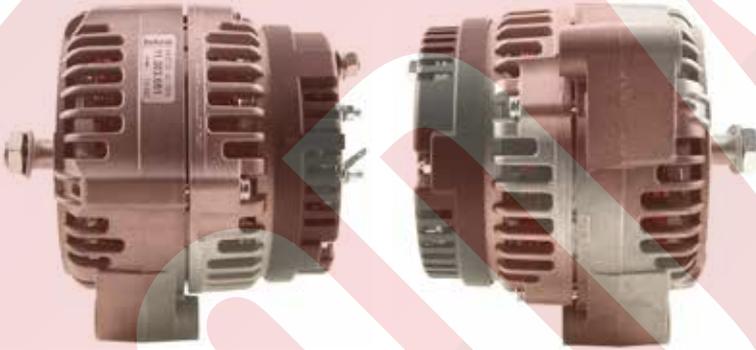


MAHMG52

IA1117 AAN8166 11.204.254
ALT10151 (Bosch version)

SPECIFICATION:

Voltage 12V
Amperage 150A
Rotation CW
Pulley Not fitted
Application Claas, Deutz
Notes Dust-proof

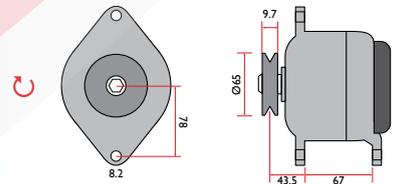


MAHMG67

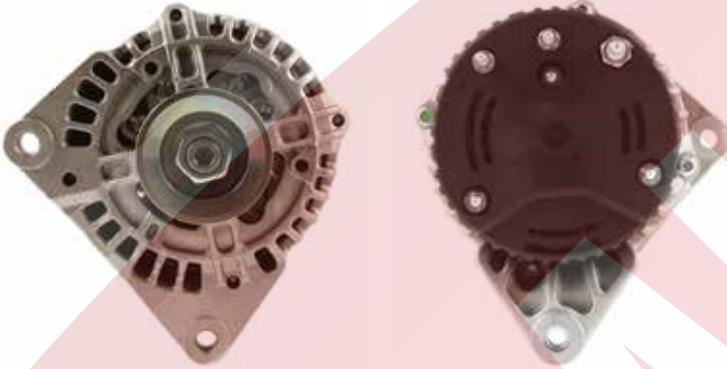
IA1372 AAG5133 11.204.073

SPECIFICATION:

Voltage 12V
Amperage 55A
Rotation CW
Pulley V1x65mm
Application JCB, Lister Petter
Notes Dust-proof
Multifunction regulator



Mahle Original Alternators



MAHMG74

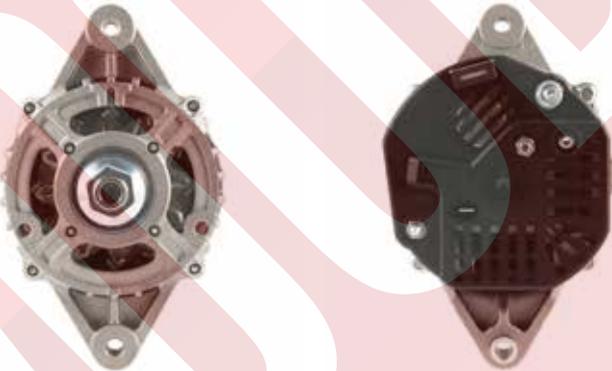
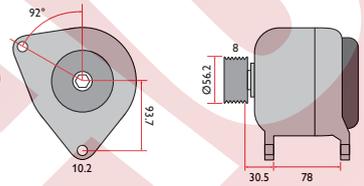
IA1212

AAK5807

11.204.115

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	PV8x56mm
Application	JCB
Notes	Dust-proof



MAHMG75

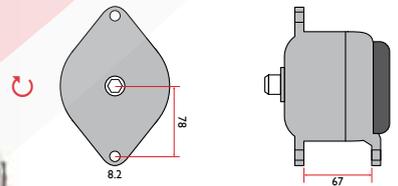
IA1312

AAG5135

11.204.098

SPECIFICATION:

Voltage	12V
Amperage	50A
Rotation	CW
Pulley	Not fitted
Application	JCB
Notes	Dust-proof



Mahle Original Alternators



MAHMG80

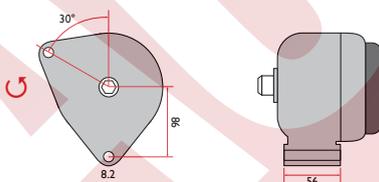
IA0598

AAK5112

11.201.598

SPECIFICATION:

Voltage 12V
 Amperage 70A
 Rotation CCW
 Pulley Not fitted
 Application Same
 Notes Cab heating



MAHMG81

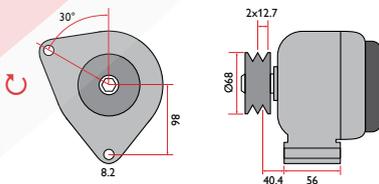
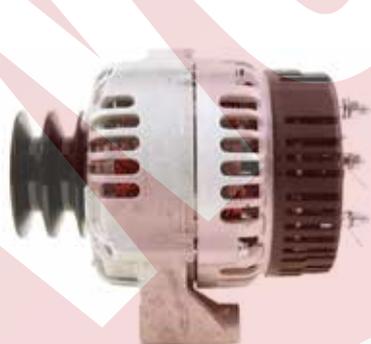
IA0907

AAK5174

11.201.907

SPECIFICATION:

Voltage 12V
 Amperage 85A
 Rotation CW
 Pulley V2x68mm
 Application Landini
 Notes Dust-proof



Mahle Original Alternators

MAHMG83

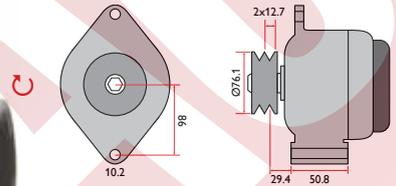
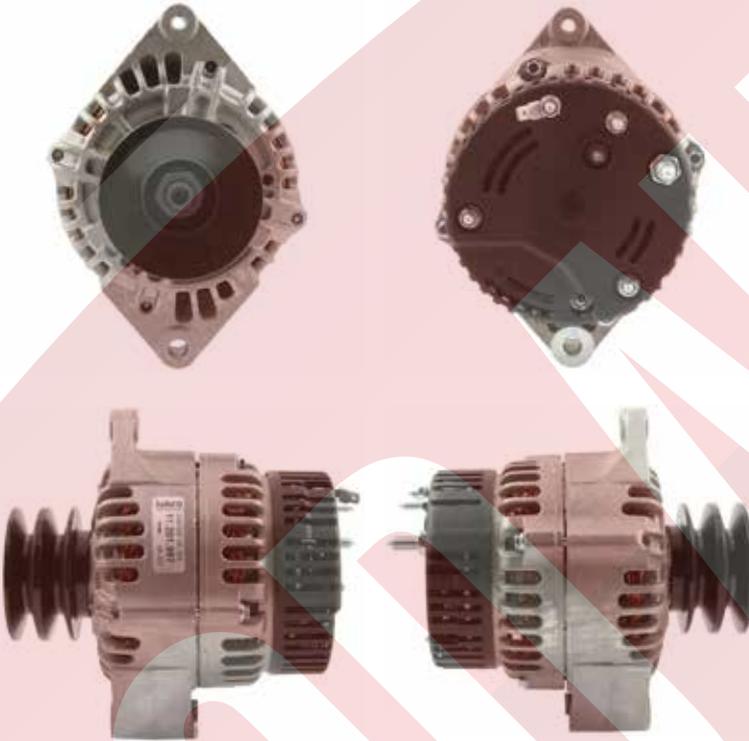
IA1067

AAK5304

11.201.997

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	V2x76mm
Application	McCormick
Notes	Dust-proof



MAHMG84

IA0759

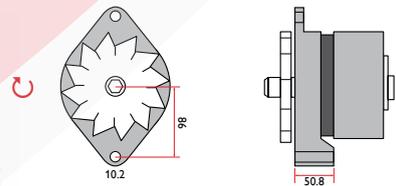
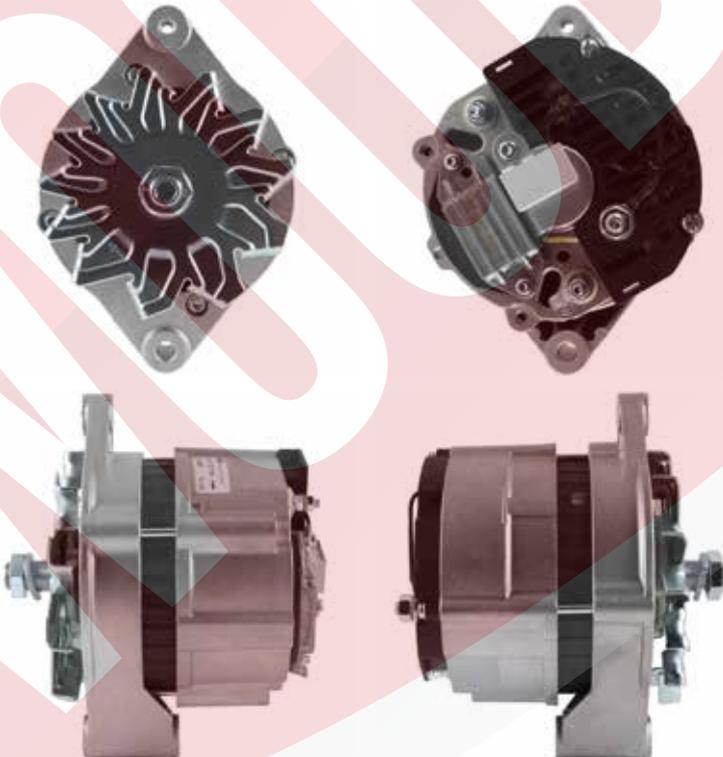
AAK3336

11.201.941

ALT20013 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	50A
Rotation	CW
Pulley	Not fitted
Application	Case, John Deere



Mahle Original Alternators



MAHMG86

IA0717

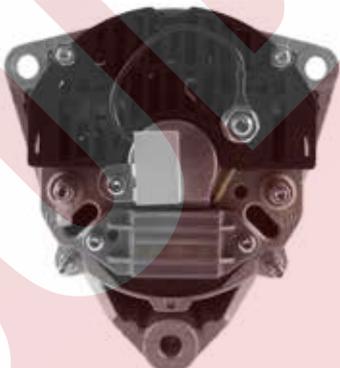
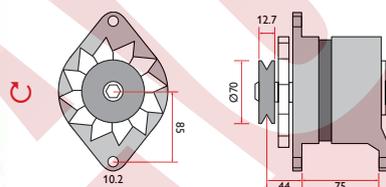
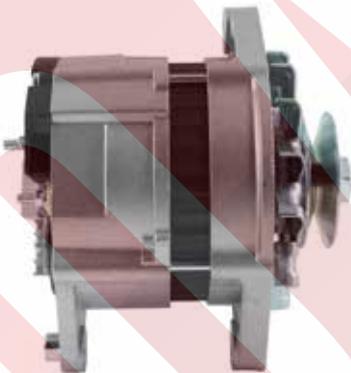
AAK1373

11.201.717

ALT16017 (Lucas version)

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V1x70mm
 Application Landini
 Notes Dust-proof



MAHMG100

IA0705

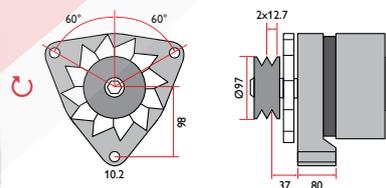
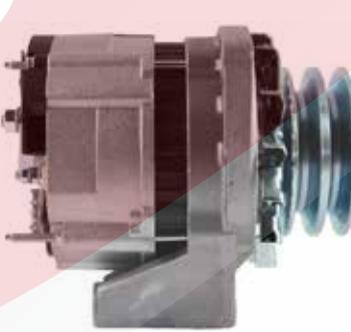
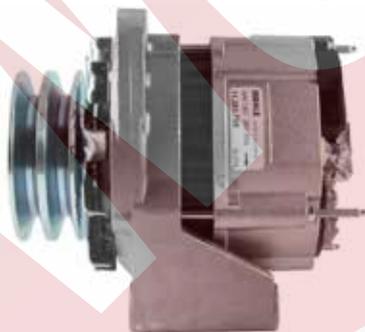
AAK1367

11.201.705

ALT1012 (Bosch version)

SPECIFICATION:

Voltage 24V
 Amperage 55A
 Rotation CW
 Pulley V2x97mm
 Application Kaelble-Gmeinder
 Notes Dust-proof



Mahle Original Alternators

MAHMG102

IA0707

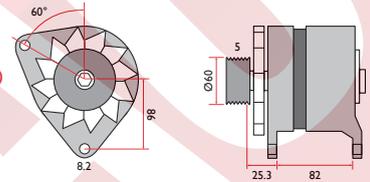
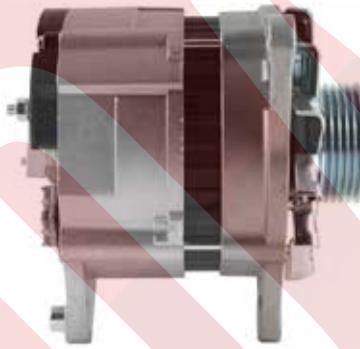
AAK4568

11.201.707

ALT16067 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	PV5x60mm
Application	JCB



MAHMG108

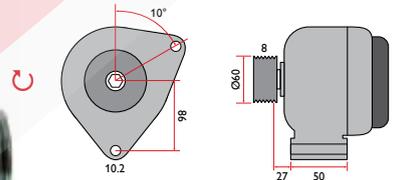
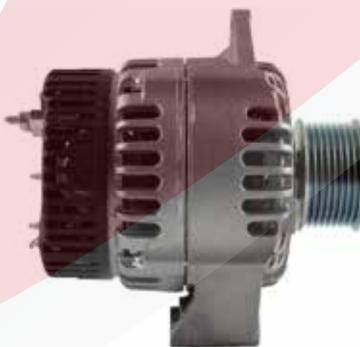
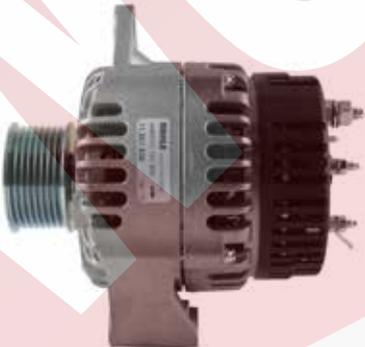
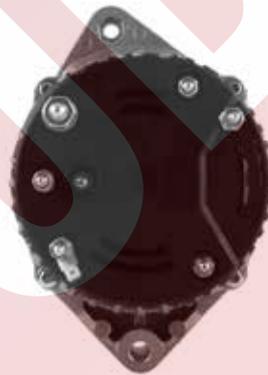
IA0830

AAK5157

11.201.830

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	PV8x60mm
Application	Renault Agri
Notes	MG327 120A version



Mahle Original Alternators



MAHMG109

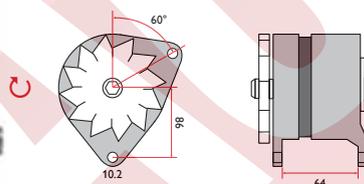
IA0831

AAK3309

11.201.831

SPECIFICATION:

Voltage 24V
 Amperage 55A
 Rotation CW
 Pulley Not fitted
 Application Amre Combine
 Notes Dust-proof



MAHMG110

IA0276

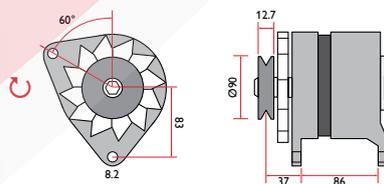
AAK4118

11.201.276

ALT16032 (Lucas version)

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V1x90mm
 Application Case, Valtra



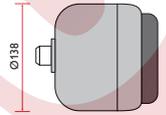
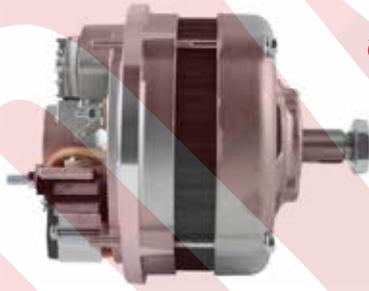
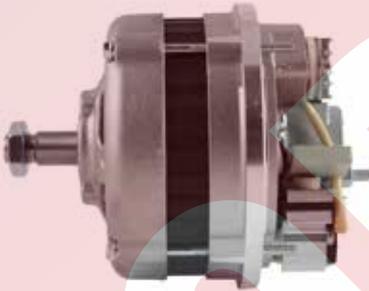
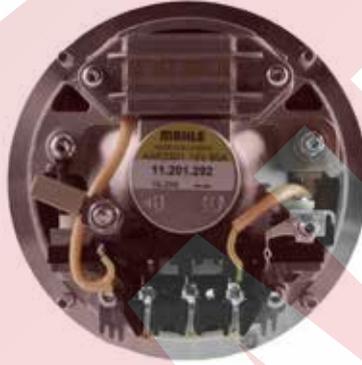
Mahle Original Alternators

MAHMG111

IA0292 AAK2301 11.201.292
ALT33002, VALA13N271 (Valeo version)

SPECIFICATION:

Voltage 12V
Amperage 60A
Rotation CW
Pulley Not fitted
Application ... Deutz (KHD) engines
Notes Dust-proof

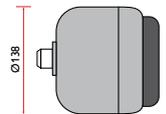
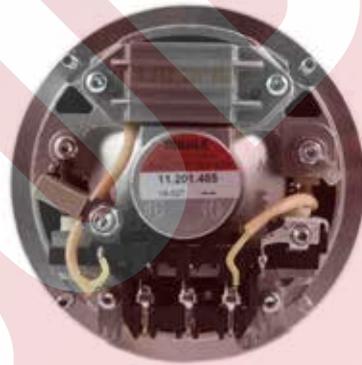


MAHMG114

IA0485 AAK2303 11.201.485
ALT14158 (Valeo version)

SPECIFICATION:

Voltage 24V
Amperage 40A
Rotation CW
Pulley Not fitted
Application ... Deutz (KHD) engines



Mahle Original Alternators

MAHMG123

IA0037

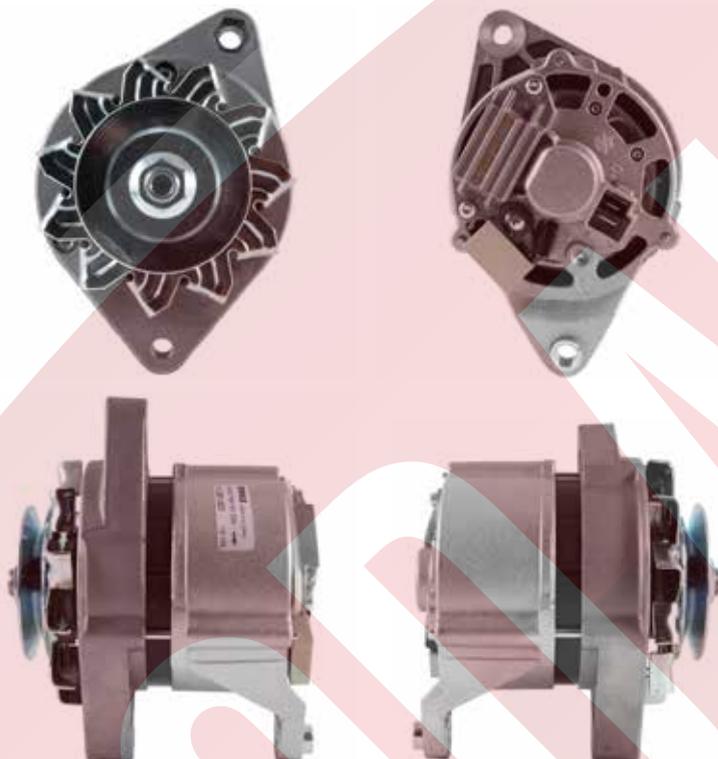
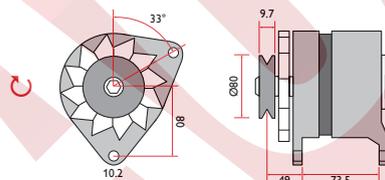
AAG1104

11.201.037

ALT12006 (Marelli version)

SPECIFICATION:

Voltage 12V
 Amperage 33A
 Rotation CW
 Pulley V1x80mm
 Application . . . Fiat, Lamborghini, Same



MAHMG124

IA0096

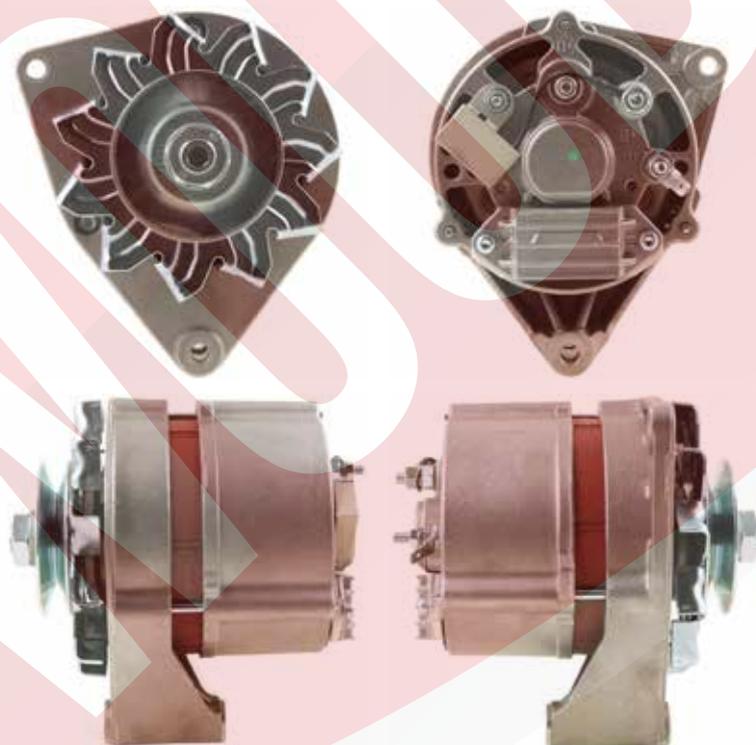
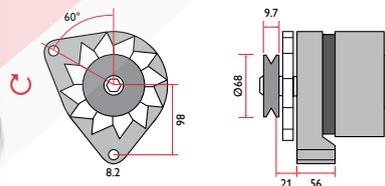
AAG1311

11.201.096

ALT20019 (Bosch version)

SPECIFICATION:

Voltage 12V
 Amperage 33A
 Rotation CW
 Pulley V1x68mm
 Application Case, Renault, Fendt
 Notes Dust-proof



Mahle Original Alternators

MAHMG126

IA0102

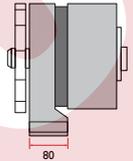
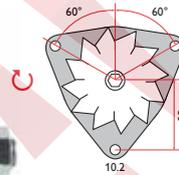
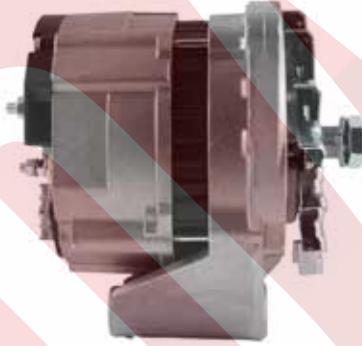
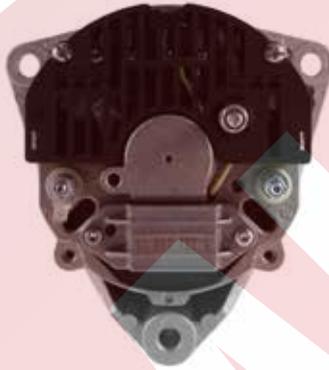
AAK1301

11.201.102

ALT10234 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	Not fitted
Application	Mercedes-Benz



MAHMG127

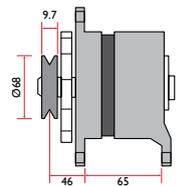
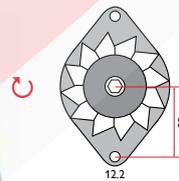
IA0112

AAK1135

11.201.112

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	Muzzi, Same



Mahle Original Alternators

MAHMG137

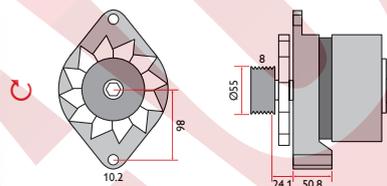
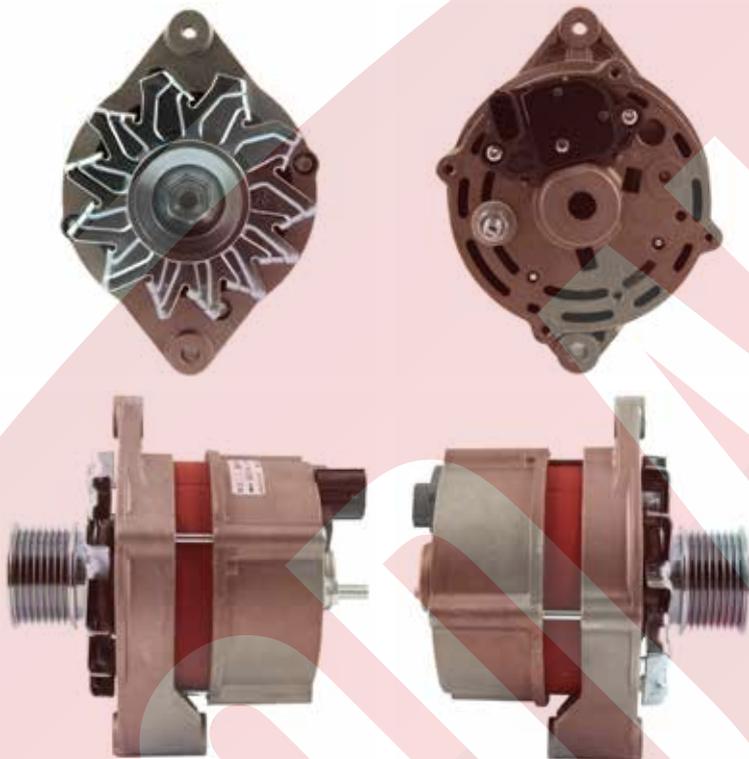
IA1453

AAK4930

11.204.669

SPECIFICATION:

Voltage 12V
 Amperage 120A
 Rotation CW
 Pulley PV8x55mm
 Application Case



MAHMG139

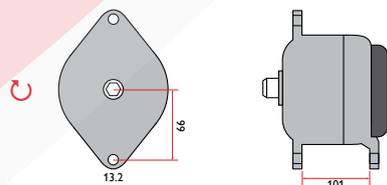
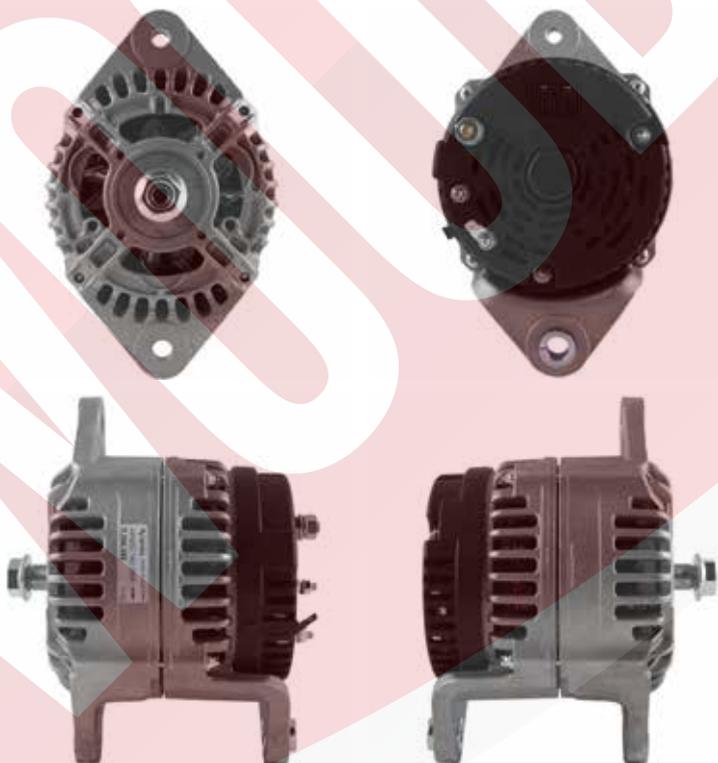
IA1132

AAN5833

11.204.400

SPECIFICATION:

Voltage 12V
 Amperage 150A
 Rotation CW
 Pulley Not fitted
 Application McCormick



MAHMG156

IA0327

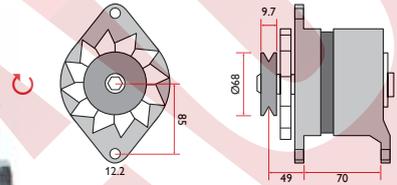
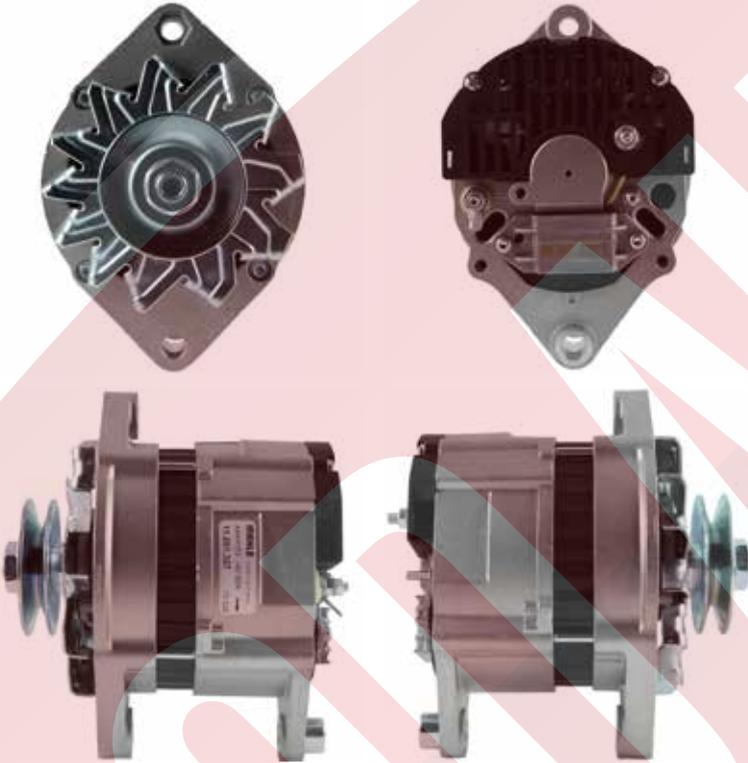
AAK4153

11.201.327

ALT12140 (Marelli version)

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x68mm
Application	Case



MAHMG158

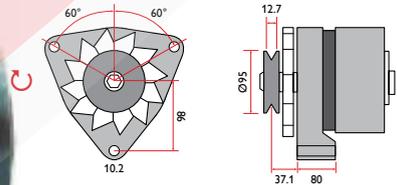
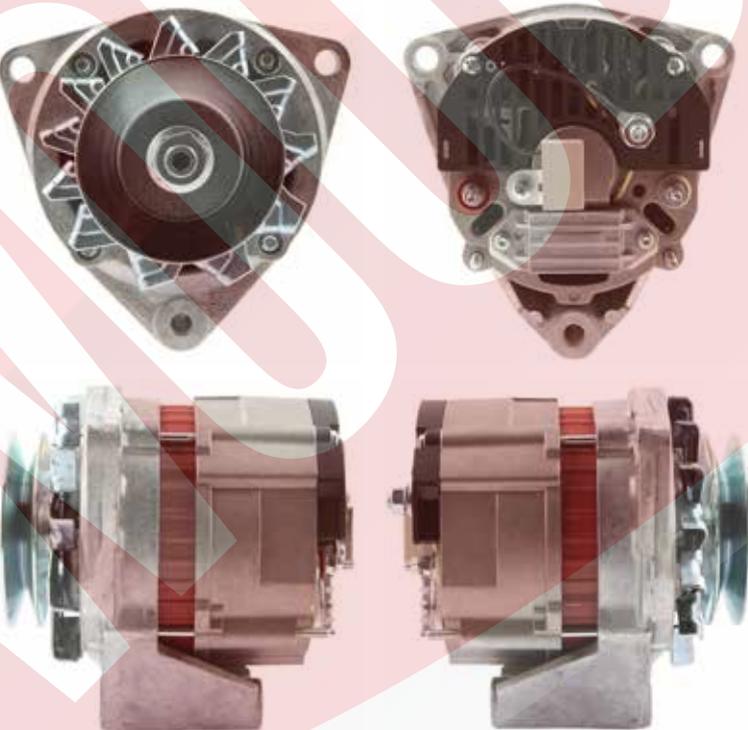
IA0722

AAK1374

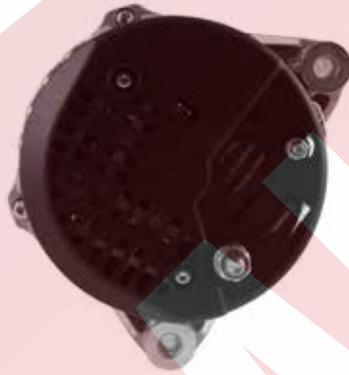
11.201.722

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x95mm
Application	Mercedes-Benz
Notes	Dust-proof



Mahle Original Alternators



MAHMG162

IA1670

AAL5112

11.204.816

SPECIFICATION:

Voltage 12V

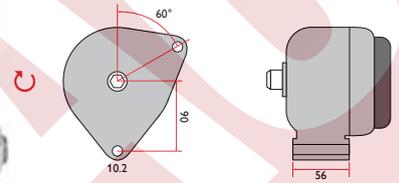
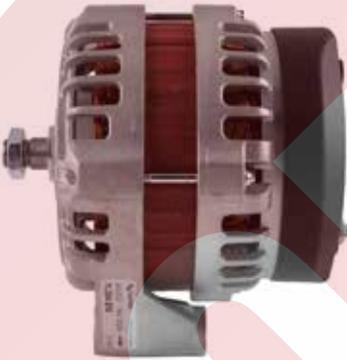
Amperage 150A

Rotation CW

Pulley Not fitted

Application Valtra

Notes Dust-proof



MAHMG165

IA1473

AAK4990

11.204.779

SPECIFICATION:

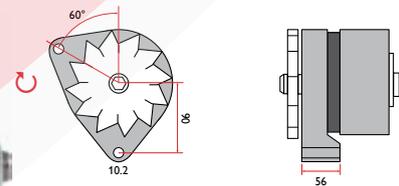
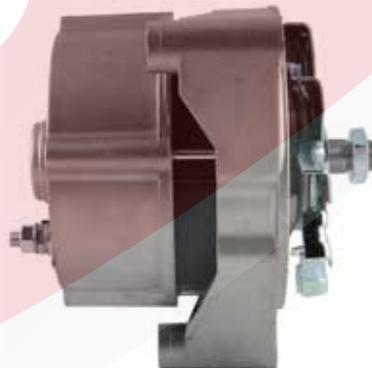
Voltage 12V

Amperage 120A

Rotation CW

Pulley Not fitted

Application MF Deutz-Fahr



Mahle Original Alternators

MAHMG168

IA1321

AAK4931

11.204.670

SPECIFICATION:

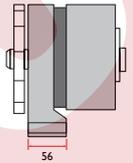
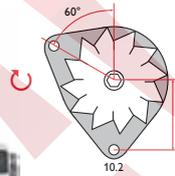
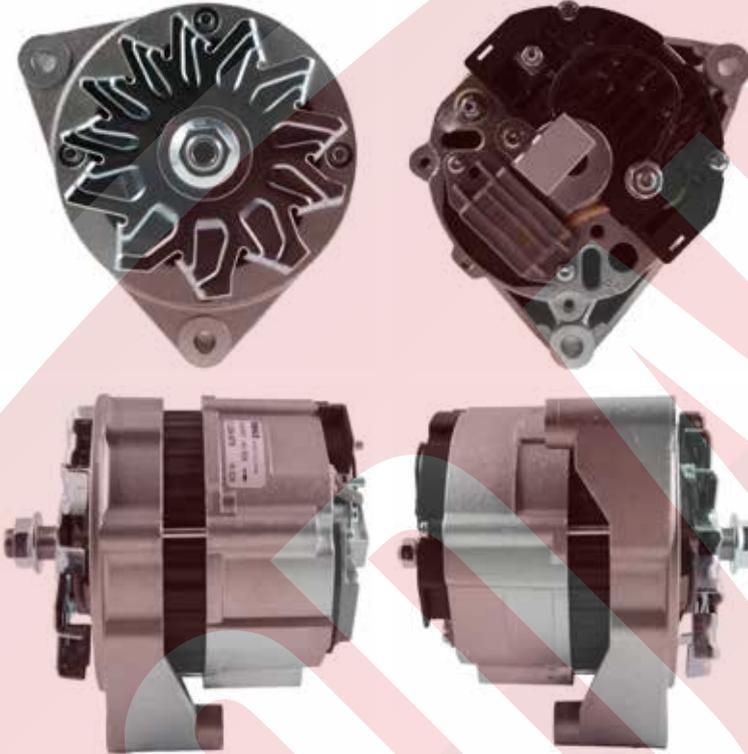
Voltage 12V

Amperage 80A

Rotation CW

Pulley Not fitted

Application Massey Ferguson



MAHMG169

IA1472

AAK4936

11.204.685

SPECIFICATION:

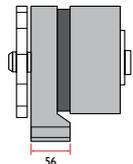
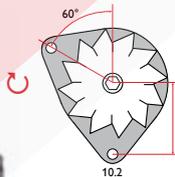
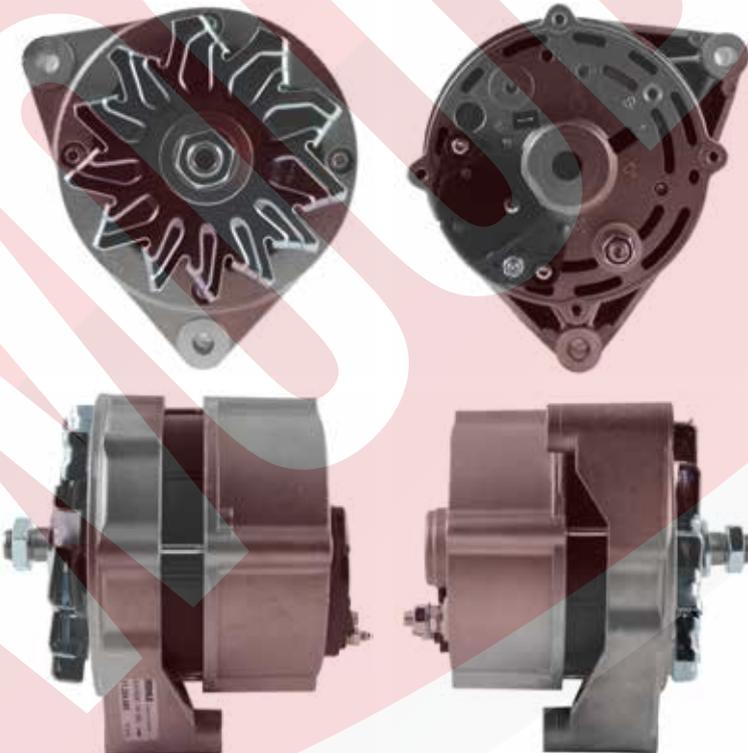
Voltage 12V

Amperage 95A

Rotation CW

Pulley Not fitted

Application Atlas, Terex, Schaeffer



Mahle Original Alternators



MAHMG176

IA0470

AAK4893

11.204.581

SPECIFICATION:

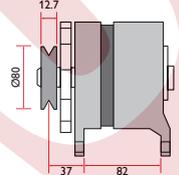
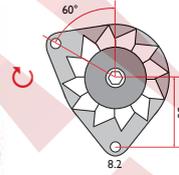
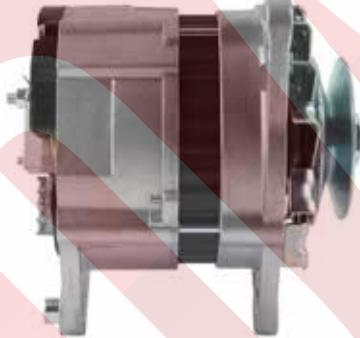
Voltage 12V

Amperage 65A

Rotation CW

Pulley V1x80mm

Application Valtra



MAHMG177

IA0675

AAK5850

11.204.582

SPECIFICATION:

Voltage 12V

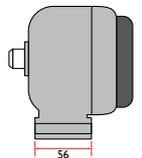
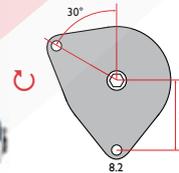
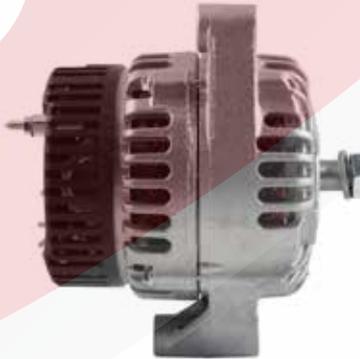
Amperage 95A

Rotation CW

Pulley Not fitted

Application Case, Valtra

Notes MG178 is 120A version



MAHMG178

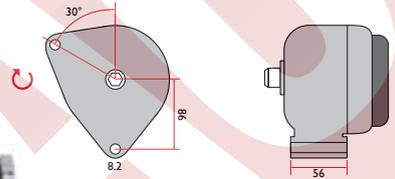
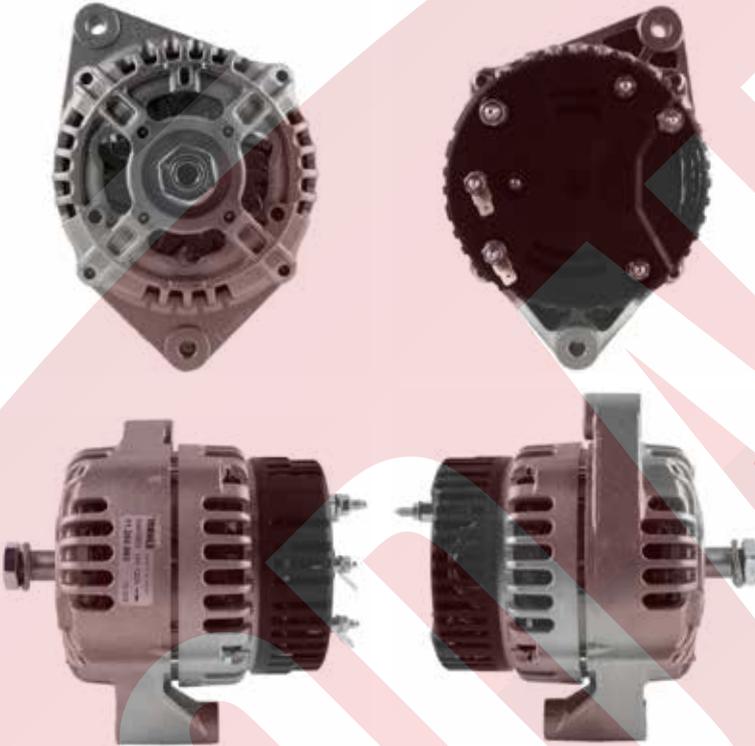
IA0925

AAK5851

11.204.583

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	Not fitted
Application	Valtra



MAHMG181

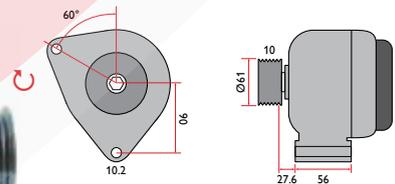
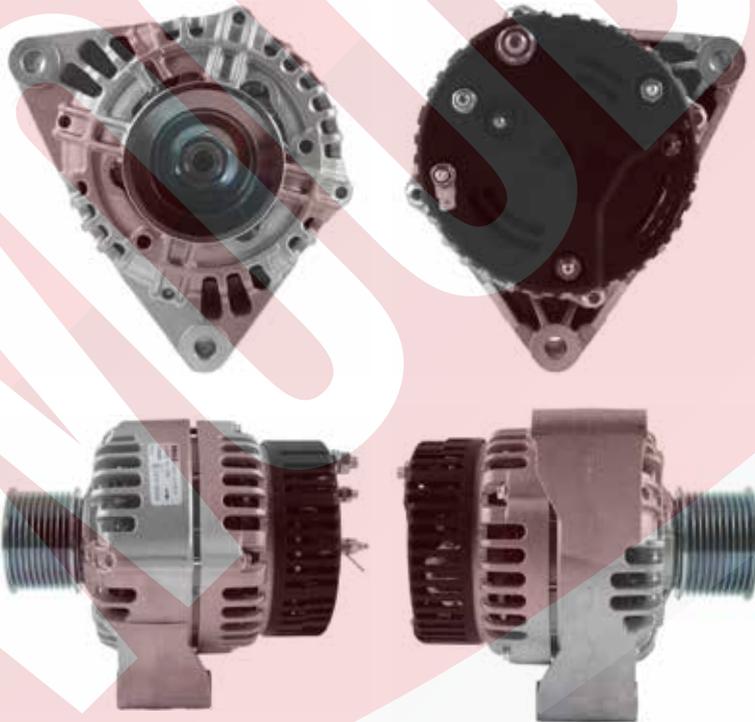
IA1328

AAK5728

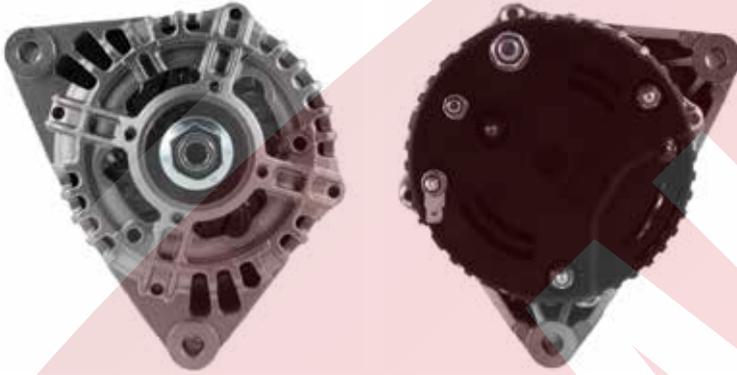
11.203.621

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV10x61mm
Application	Landini, McCormick



Mahle Original Alternators



MAHMG182

IA1320

AAK5761

11.203.828

SPECIFICATION:

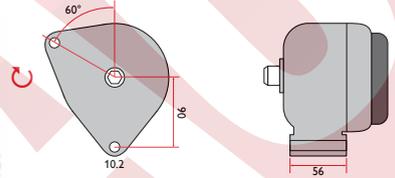
Voltage 12V

Amperage 120A

Rotation CW

Pulley Not fitted

Application Massey Ferguson



MAHMG183

IA9419

AAN3114

11.209.434

ALT10558 (Bosch version)

SPECIFICATION:

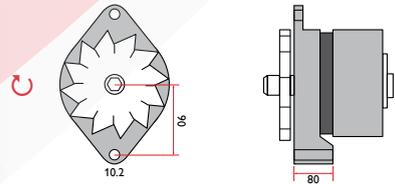
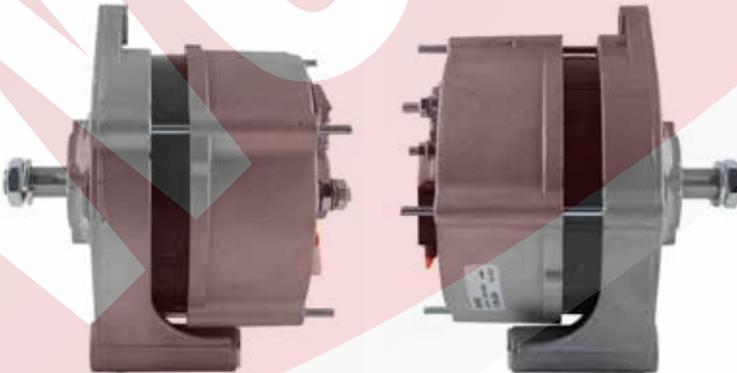
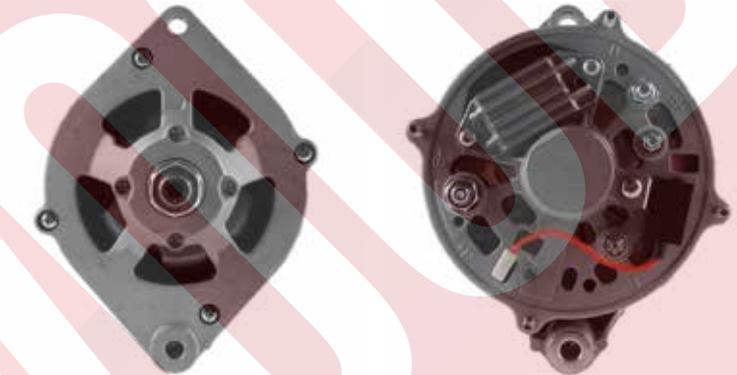
Voltage 24V

Amperage 55A

Rotation CW

Pulley Not fitted

Application Hanomag



MAHMG187

IA0446

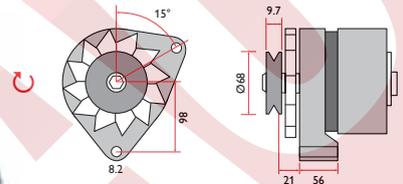
AAK3553

11.201.446

ALT10145 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	Fiat



MAHMG191

IA0336

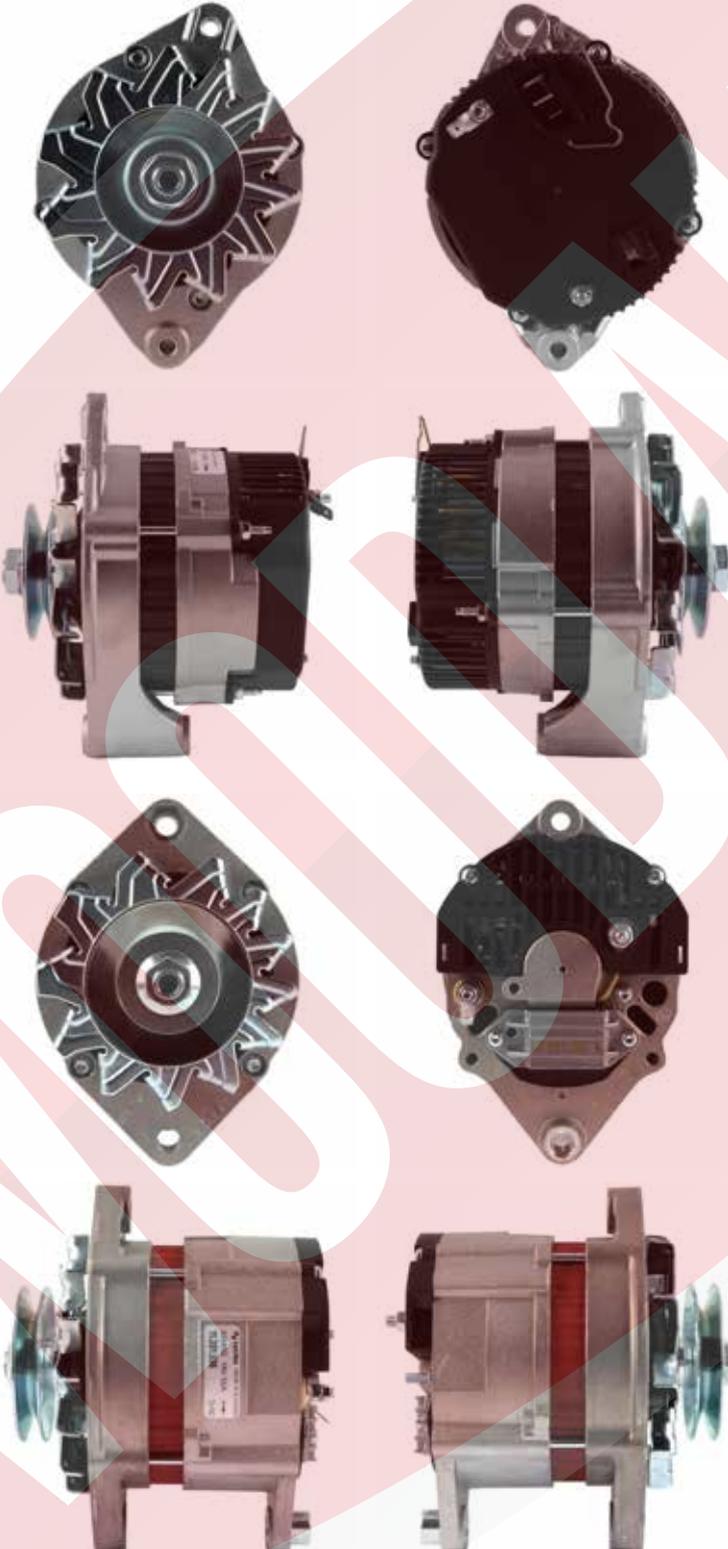
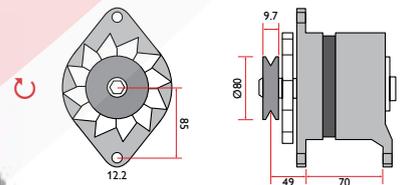
AAK4162

11.201.336

ALT26002 (Marelli version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x80mm
Application	Fiat



Mahle Original Alternators



MAHMG192

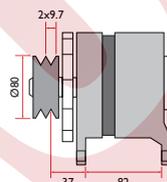
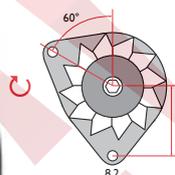
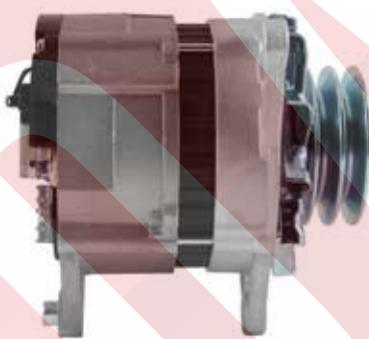
IA0400

AAK1326

11.201.400

SPECIFICATION:

Voltage 12V
 Amperage 55A
 Rotation CW
 Pulley V2x80mm
 Application Landini



MAHMG195

IA0500

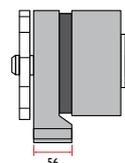
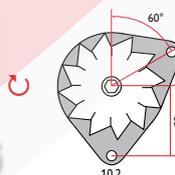
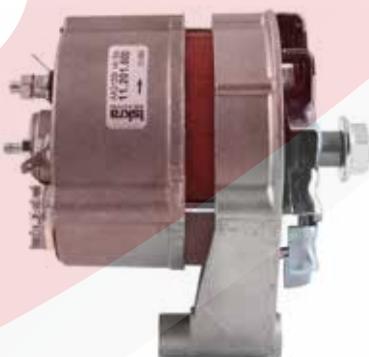
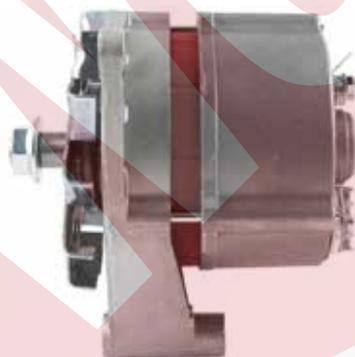
AAG1338

11.201.500

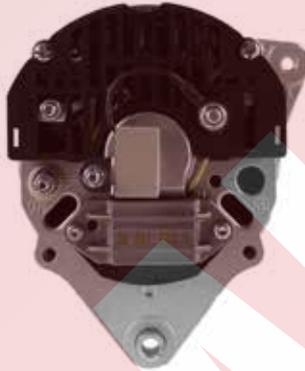
ALT20681 (Iskra version)

SPECIFICATION:

Voltage 12V
 Amperage 33A
 Rotation CW
 Pulley Not fitted
 Application Agritalia, Lombardini



Mahle Original Alternators



MAHMG199

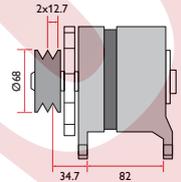
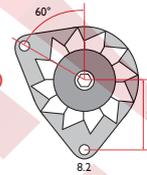
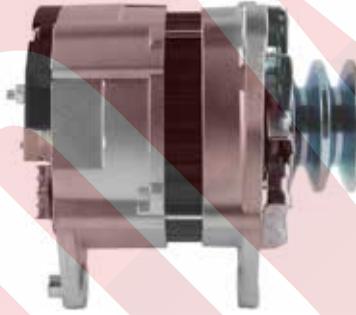
IA1358

AAK1835

11.203.725

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V2x68mm
Application	Landini, McCormick



MAHMG200

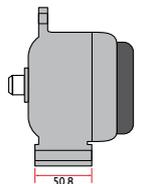
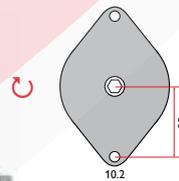
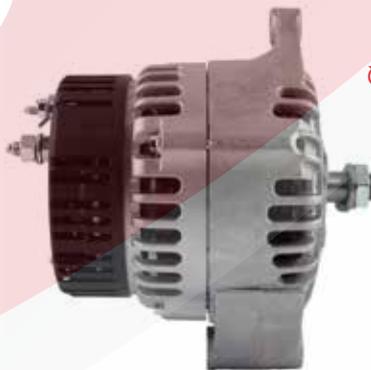
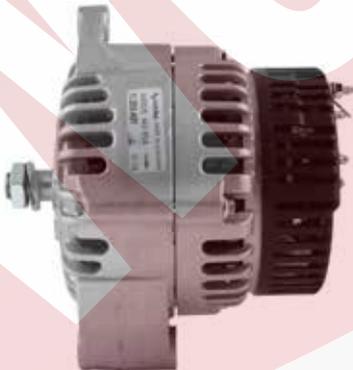
IA1113

AAK5570

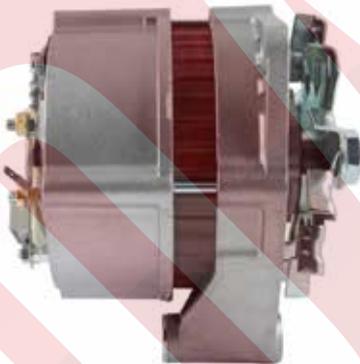
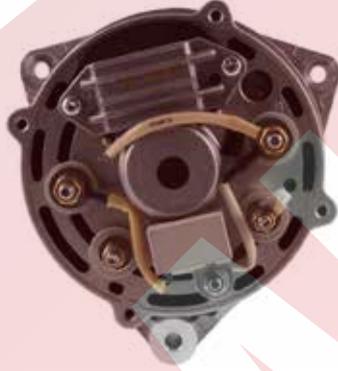
11.203.401

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	Not fitted
Application	Agco



Mahle Original Alternators



MAHMG203

IA1080

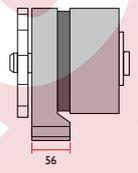
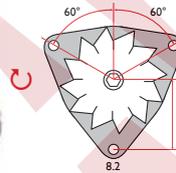
AAK4347

11.203.403

ALT10405 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	35A
Rotation	CW
Pulley	Not fitted
Application	Ahlmann (Mecalac)
Notes	Insulated ground
	Dust-proof



MAHMG206

IA0360

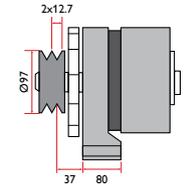
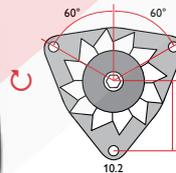
AAK4179

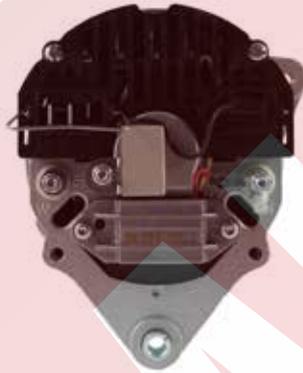
11.201.360

ALT10235 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	35A
Rotation	CW
Pulley	V2x97mm
Application	Kaelble





MAHMG207

IA0505

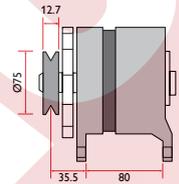
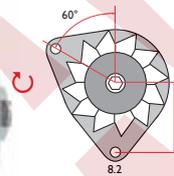
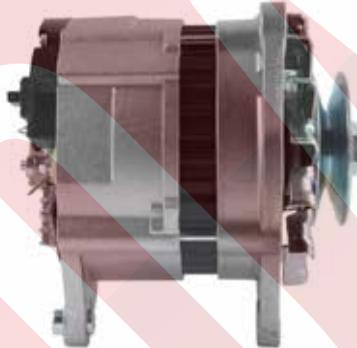
AAK1345

11.201.505

ALT16037 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	45A
Rotation	CW
Pulley	V1x75mm
Application	Ford New Holland
Notes	Battery temperature sensing Dust-proof



MAHMG209

IA1078

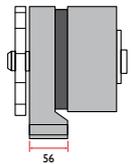
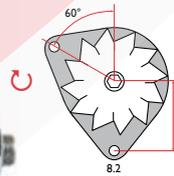
AAK4349

11.203.405

ALT20018 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	Not fitted
Application	Deutz-Fahr
Notes	Dust-proof



Mahle Original Alternators



MAHMG210

IA0914

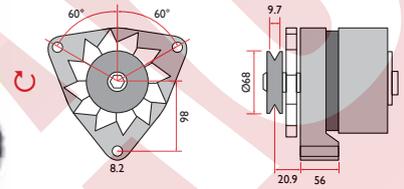
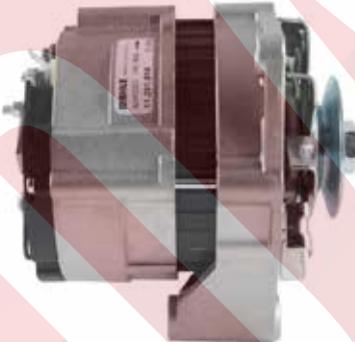
AAK3321

11.201.914

ALT20704 (Iskra version)

SPECIFICATION:

Voltage 12V
 Amperage 80A
 Rotation CW
 Pulley V1x68mm
 Application Deutz-Fahr, Fendt
 Notes MG597 is 120A version



MAHMG211

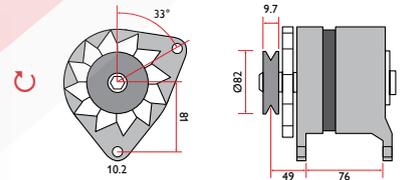
IA0691

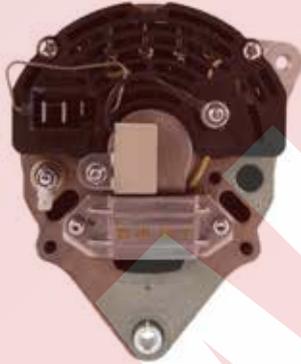
AAK4552

11.201.691

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V1x82mm
 Application Agritalia, Renault
 Notes MG599 is 80A version



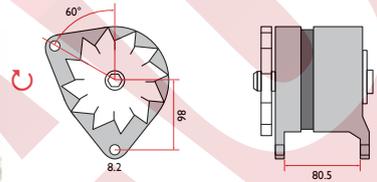


MAHMG212

IA0810 AAK4598 11.201.810
ALT16067 (Lucas version)

SPECIFICATION:

Voltage 12V
Amperage 70A
Rotation CW
Pulley Not fitted
Application Case, MF, Valtra

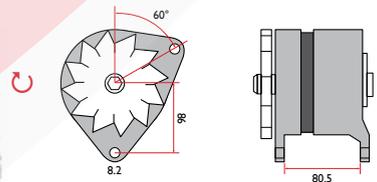
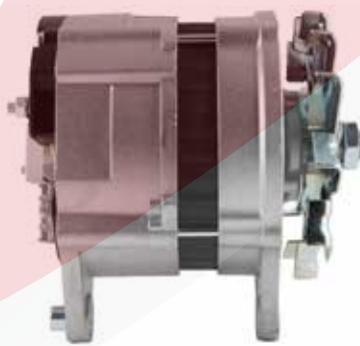


MAHMG216

IA0811 AAK4599 11.201.811
ALT16068 (Lucas version)

SPECIFICATION:

Voltage 12V
Amperage 70A
Rotation CW
Pulley Not fitted
Application Case, MF



Mahle Original Alternators



MAHMG220

IA0670

AAK5117

11.201.670

SPECIFICATION:

Voltage 12V

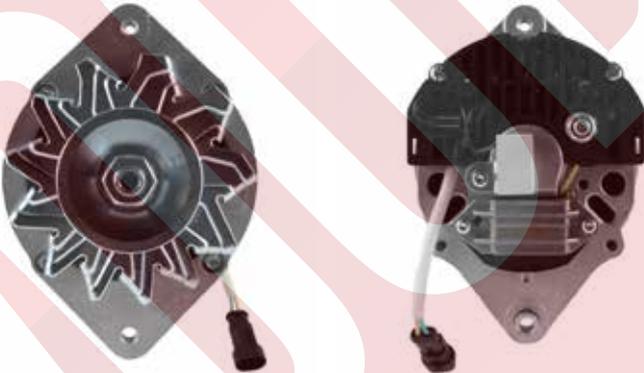
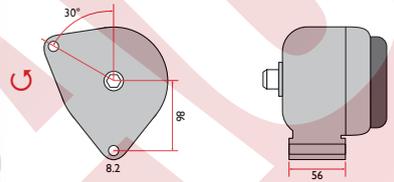
Amperage 70A

Rotation CCW

Pulley Not fitted

Application Same

Notes ... Alternator for cab heating



MAHMG221

IA1200

AAK4301

11.203.256

SPECIFICATION:

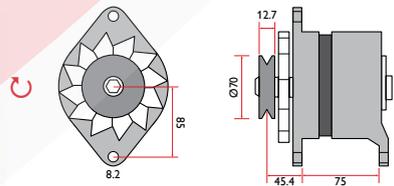
Voltage 12V

Amperage 80A

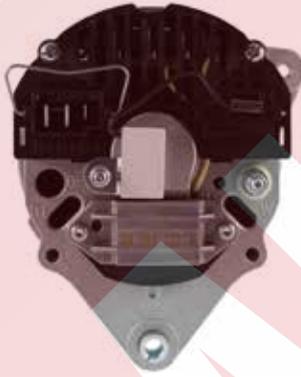
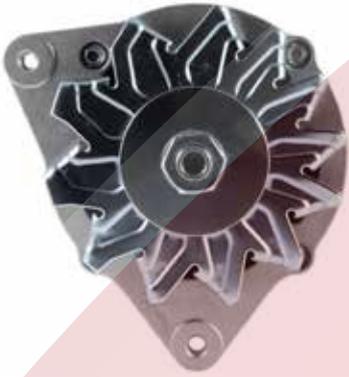
Rotation CW

Pulley V1x70mm

Application Hako



Mahle Original Alternators



MAHMG222

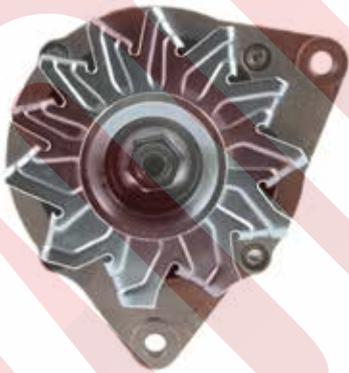
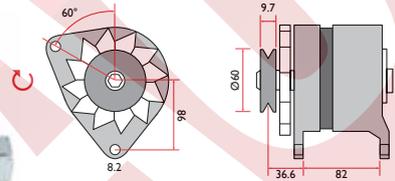
IA0566

AAK4513

11.201.566

SPECIFICATION:

Voltage	.....	12V
Amperage	.....	65A
Rotation	.....	CW
Pulley	.....	V1x60mm
Application	.....	Toro



MAHMG223

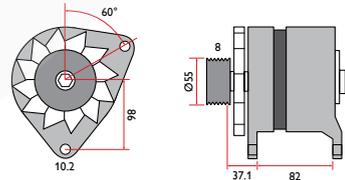
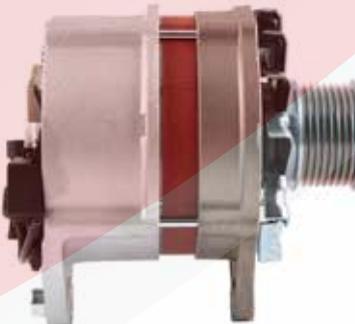
IA1504

AAK4858

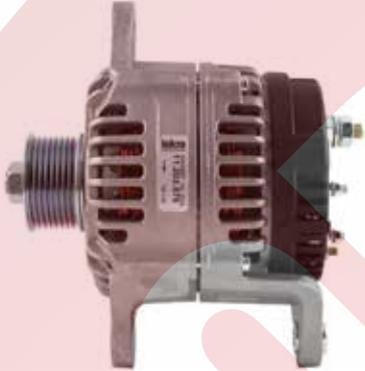
11.204.484

SPECIFICATION:

Voltage	.....	12V
Amperage	.....	120A
Rotation	.....	CW
Pulley	.....	PV8x55mm
Application	.....	Case, Claas
Notes	.....	Coil on D+ terminal
		Dust-proof



Mahle Original Alternators



MAHMG225

IA1357

AAN5875

11.204.525

ALT40250 (Delco Remy version)

SPECIFICATION:

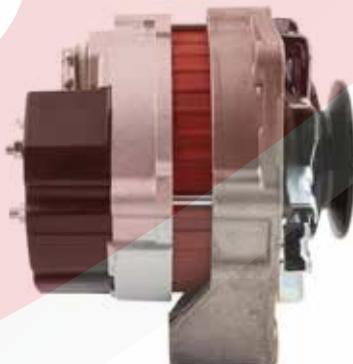
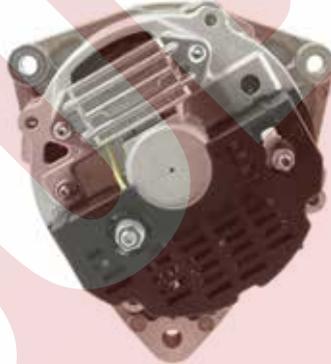
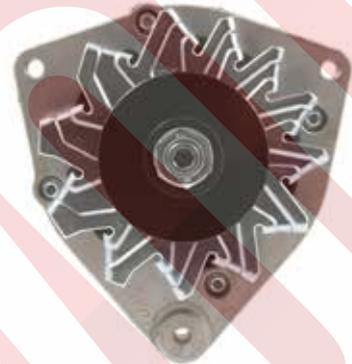
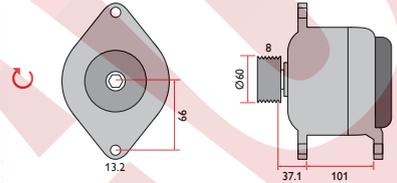
Voltage 12V

Amperage 200A

Rotation CW

Pulley PV8x60mm

Application Class, New Holland



MAHMG228

IA0230

AAK1193

11.201.230

SPECIFICATION:

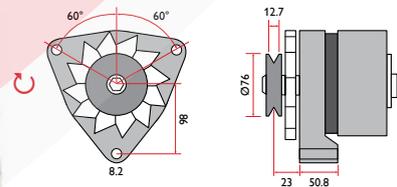
Voltage 12V

Amperage 55A

Rotation CW

Pulley V1x76mm

Application Volvo



Mahle Original Alternators

MAHMG230

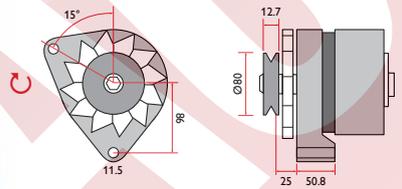
IA0856

AAK3339

11.201.945

SPECIFICATION:

Voltage	12V
Amperage	70A
Rotation	CW
Pulley	V1x80mm
Application	Volvo
Notes	Dust-proof



MAHMG233

IA1348

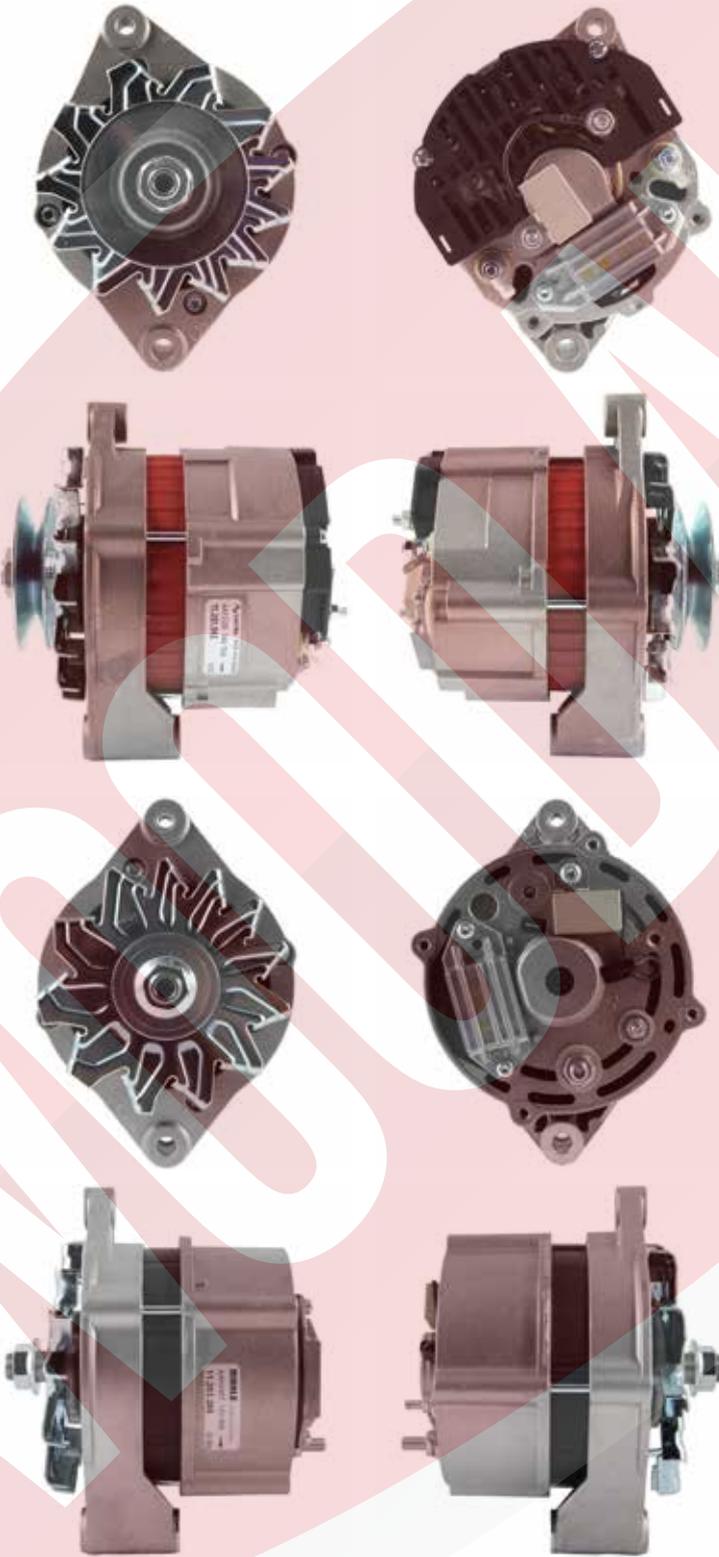
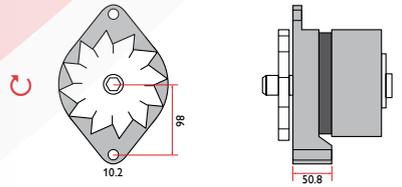
AAK4307

11.203.268

ALT20045 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	Not fitted
Application	Case, John Deere, MF
Notes	Dust-proof



Mahle Original Alternators

MAHMG234

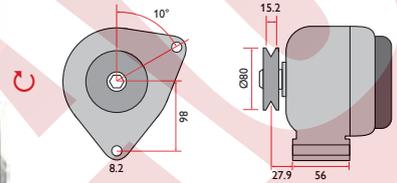
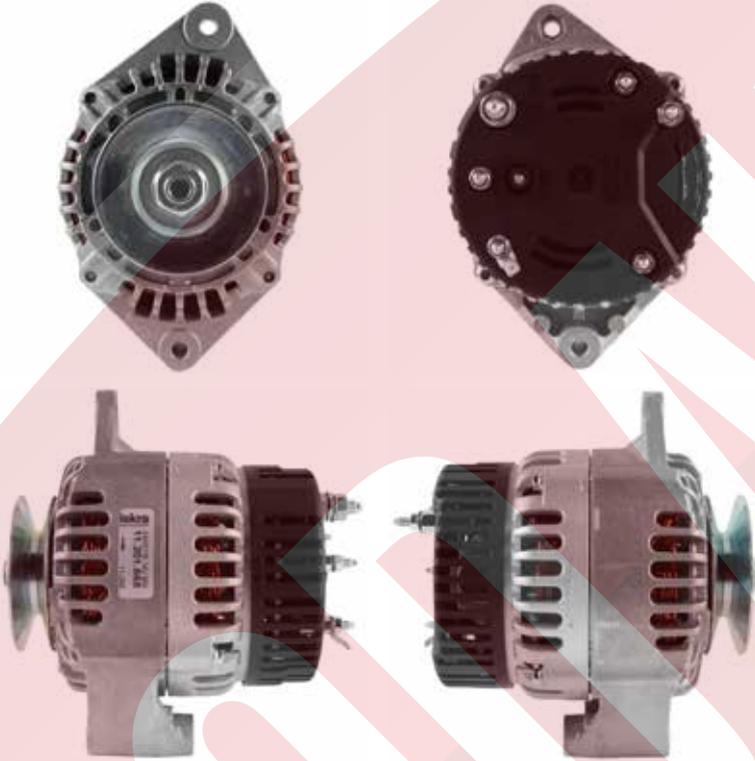
IA0668

AAK5116

11.201.668

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	V1x80mm
Application	Renault
Notes	Dust-proof



MAHMG235

IA0764

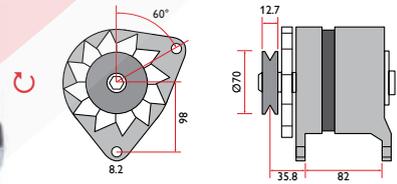
AAK1388

11.201.764

ALT16068 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x70mm
Application	Landini
Notes	Dust-proof



MAHMG236

IA0577

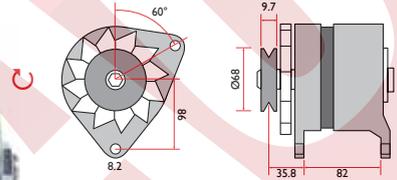
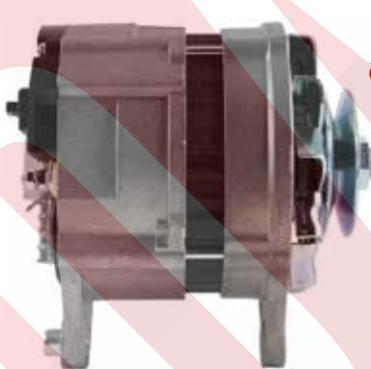
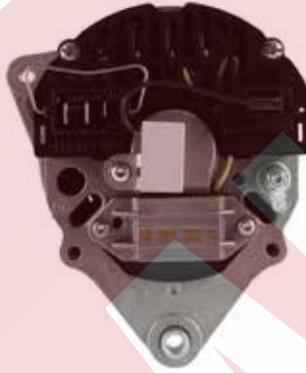
AAK4522

11.201.577

ALT16013 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	David Brown (Case)



MAHMG239

IA0579

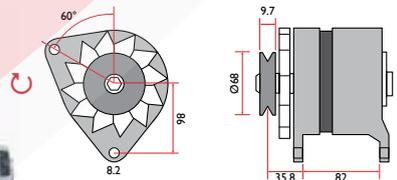
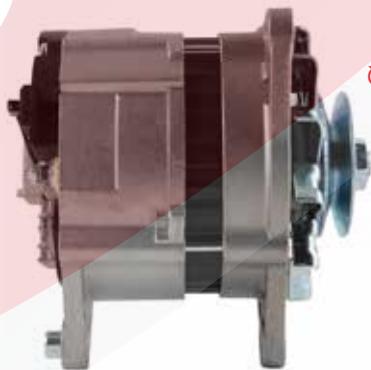
AAK4524

11.201.579

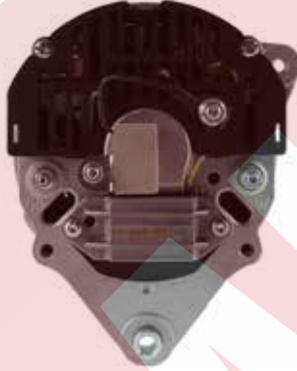
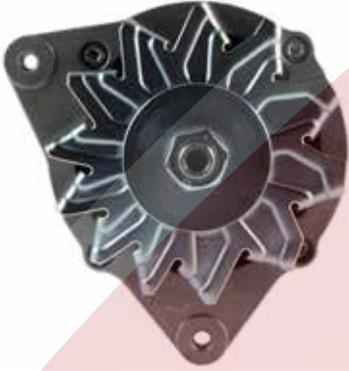
ALT10155 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	Case, Gehl, Liebherr



Mahle Original Alternators



MAHMG241

IA0581

AAK4526

11.201.581

ALT16039 (Lucas version)

SPECIFICATION:

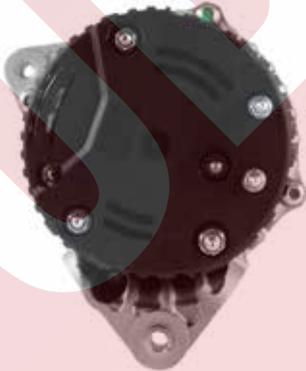
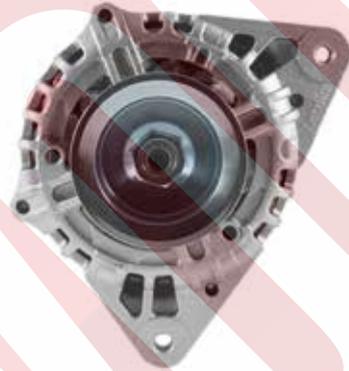
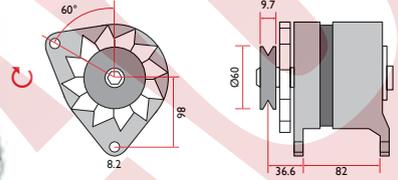
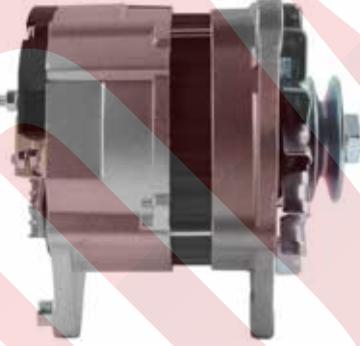
Voltage 12V

Amperage 70A

Rotation CW

Pulley V1x60mm

Application Caterpillar



MAHMG246

IA1019

AAK5354

11.203.087

ALT12132 (Marelli version)

SPECIFICATION:

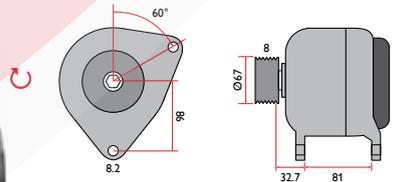
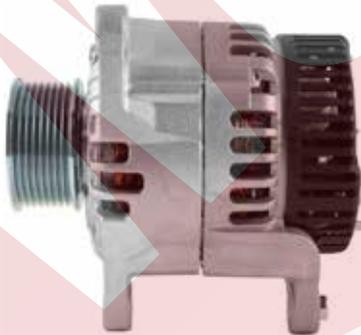
Voltage 12V

Amperage 100A

Rotation CW

Pulley PV8x67mm

Application New Holland



Mahle Original Alternators

MAHMG258

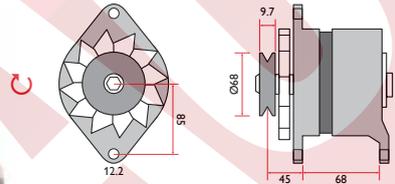
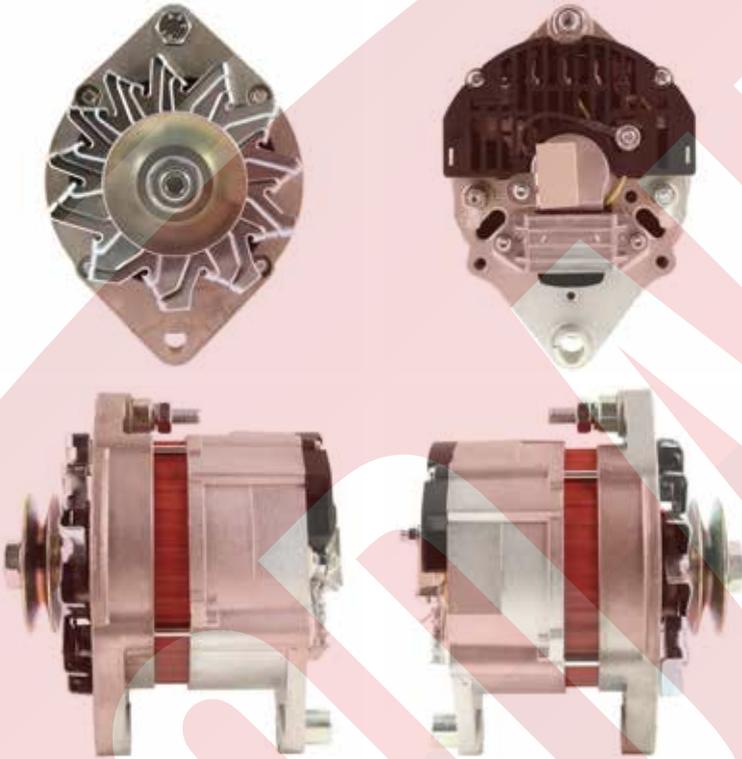
IA0571

AAK4518

11.201.571

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	Fiat, Goldoni



MAHMG260

IA0574

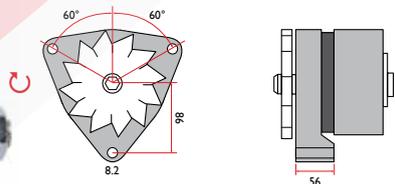
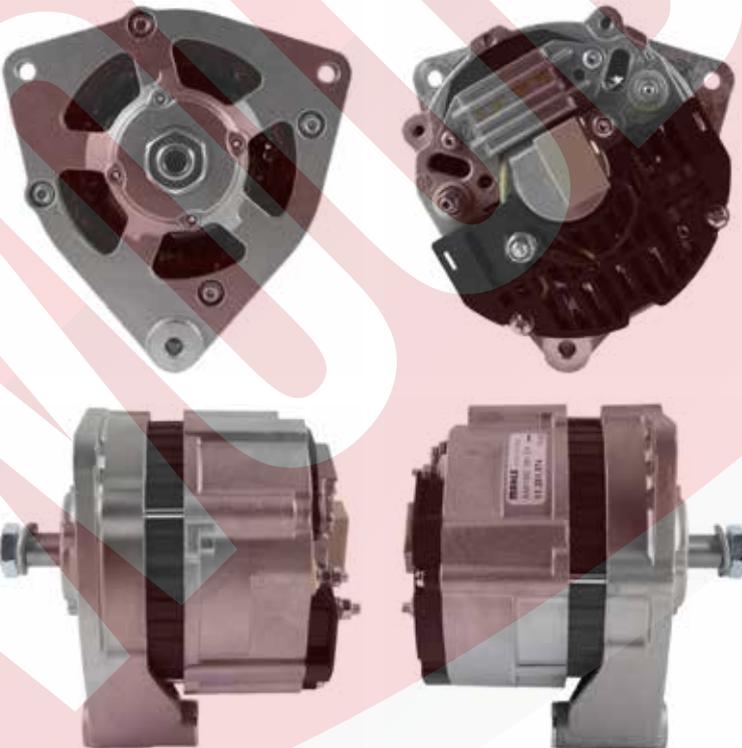
AAK1352

11.201.574

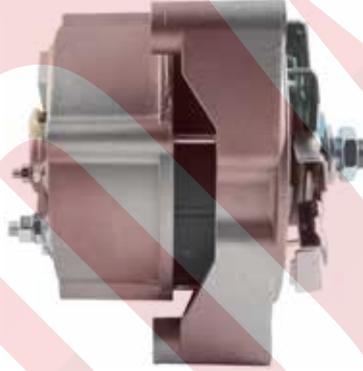
SPECIFICATION:

Voltage	24V
Amperage	27A
Rotation	CW
Pulley	Not fitted
Application	IH, Jenbacher Werke
Notes	Supplied without fan

Dust-proof



Mahle Original Alternators



MAHMG262

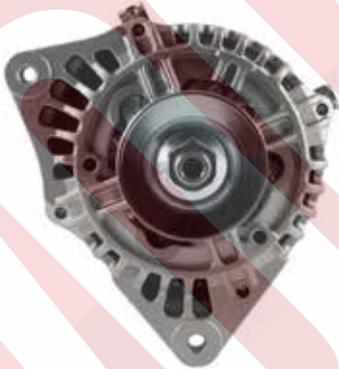
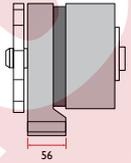
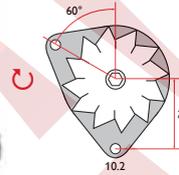
IA1536

AAK4850

11.204.464

SPECIFICATION:

Voltage	24V
Amperage	55A
Rotation	CW
Pulley	Not fitted
Application	Deutz (KHD) engines
Notes	Dust-proof



MAHMG265

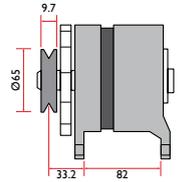
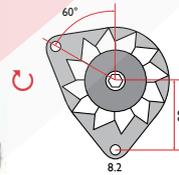
IA1479

AAK5839

11.204.456

SPECIFICATION:

Voltage	12V
Amperage	80A
Rotation	CW
Pulley	V1x65mm
Application	Gehl
Notes	Dust-proof



Mahle Original Alternators

MAHMG267

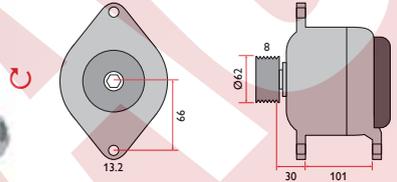
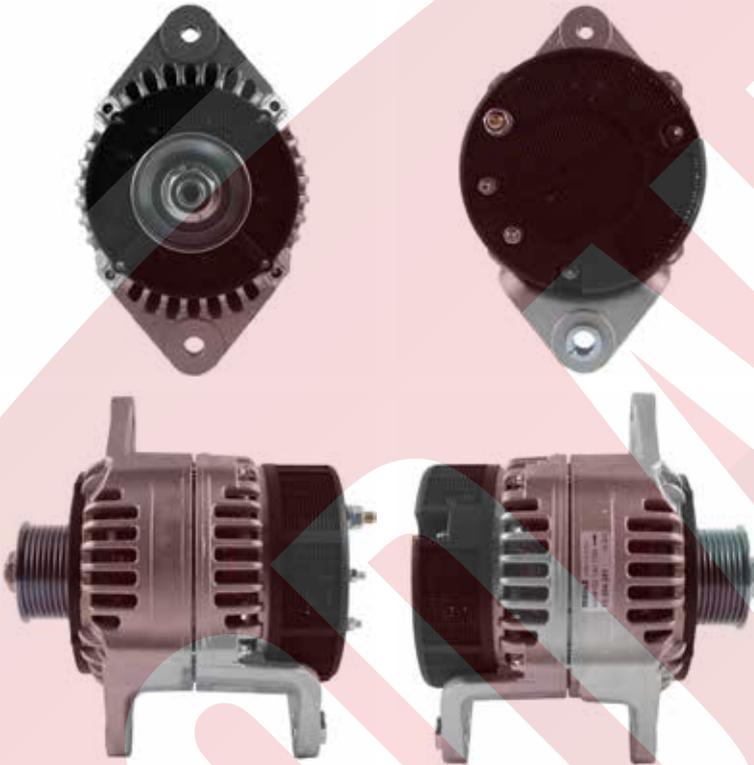
IA1159

AAN8153

11.204.241

SPECIFICATION:

Voltage 12V
Amperage 175A
Rotation CW
Pulley PV8x62mm
Application Case, New Holland
Notes With trash screen
Dust-proof



MAHMG269

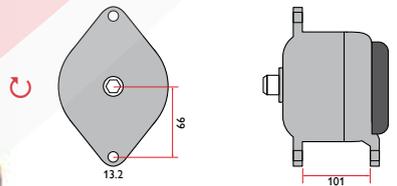
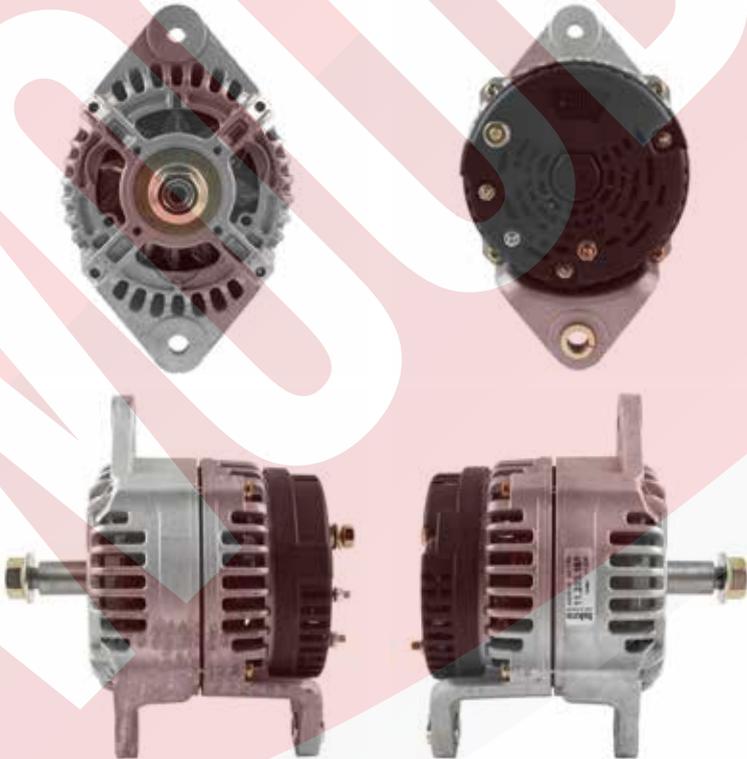
IA1332

AAN5834

11.204.401

SPECIFICATION:

Voltage 12V
Amperage 175A
Rotation CW
Pulley Not fitted
Application Case, New Holland
Notes Dust-proof



Mahle Original Alternators

MAHMG271

IA0692

AAK4822

11.204.373

SPECIFICATION:

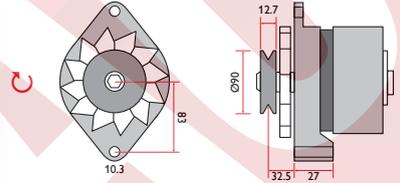
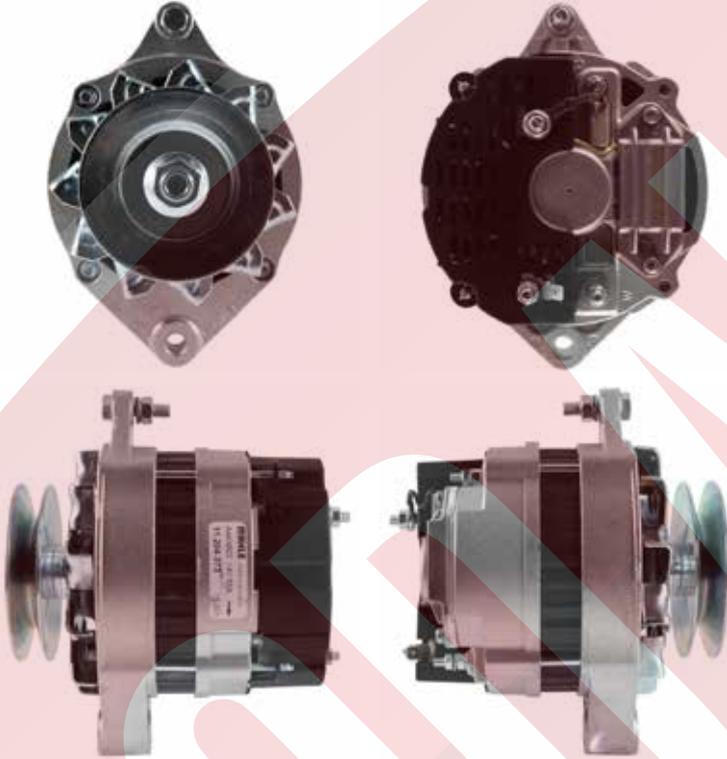
Voltage 12V

Amperage 65A

Rotation CW

Pulley V1x90mm

Application Massey Ferguson



MAHMG272

IA0693

AAK4823

11.204.374

ALT16010 (Lucas version)

SPECIFICATION:

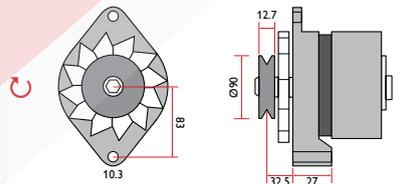
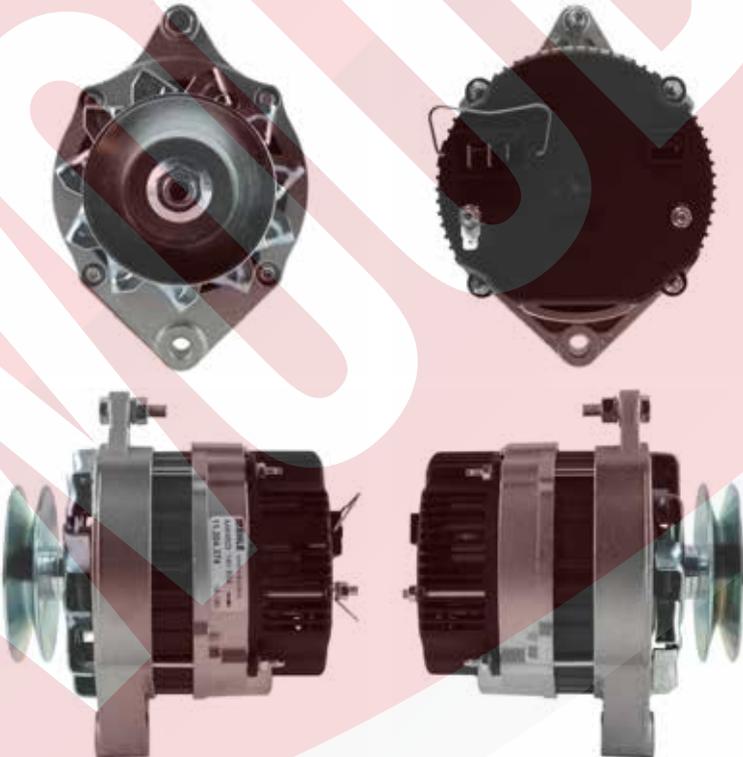
Voltage 12V

Amperage 65A

Rotation CW

Pulley V1x90mm

Application MF, Renault



Mahle Original Alternators

MAHMG274

IA1452

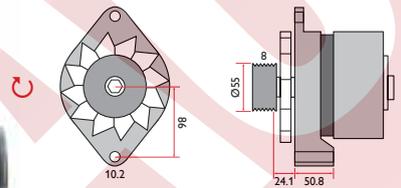
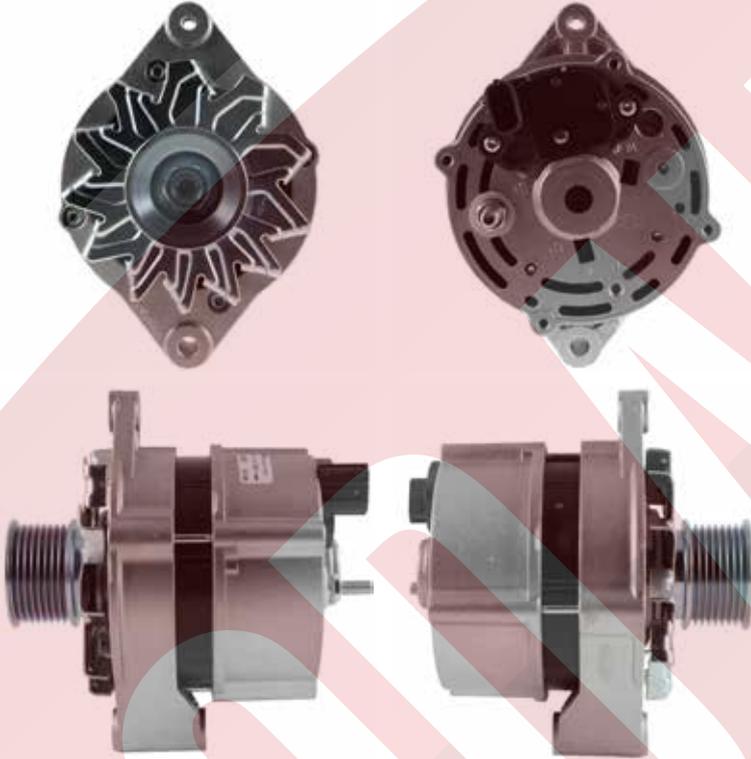
AAK4813

11.204.352

ALT30336 (Denso version)

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV8x55mm
Application	Case, New Holland
Notes	Dust-proof



MAHMG278

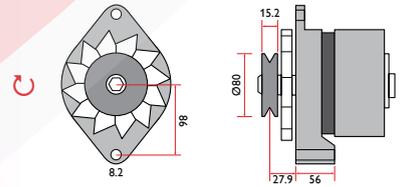
IA0665

AAK3331

11.201.936

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x80mm
Application	Renault
Notes	Dust-proof



Mahle Original Alternators



MAHMG279

IA0595

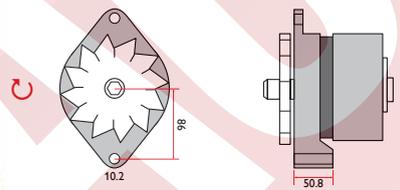
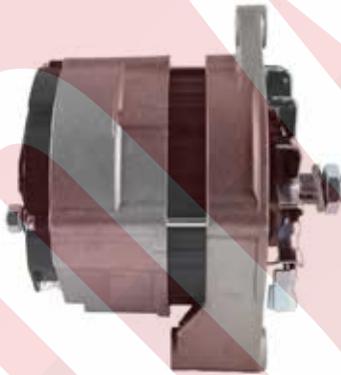
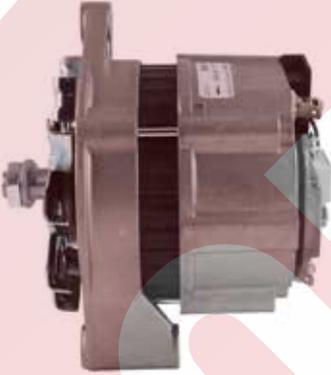
AAK3330

11.201.935

ALT10105 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	Not fitted
Application	Case, John Deere
Notes	Dust-proof



MAHMG281

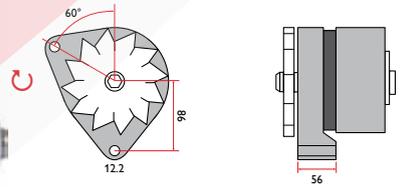
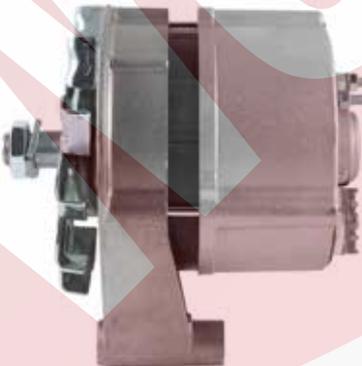
IA0501

AAG1339

11.201.501

SPECIFICATION:

Voltage	12V
Amperage	33A
Rotation	CW
Pulley	Not fitted
Application	Goldoni, Pasquali
Notes	Dust-proof



Mahle Original Alternators

MAHMG282

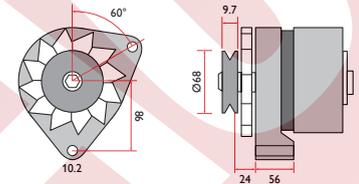
IA0502

AAG1340

11.201.502

SPECIFICATION:

Voltage	12V
Amperage	33A
Rotation	CW
Pulley	V1x68mm
Application	Lombardini
Notes	Dust-proof



MAHMG283

IA0504

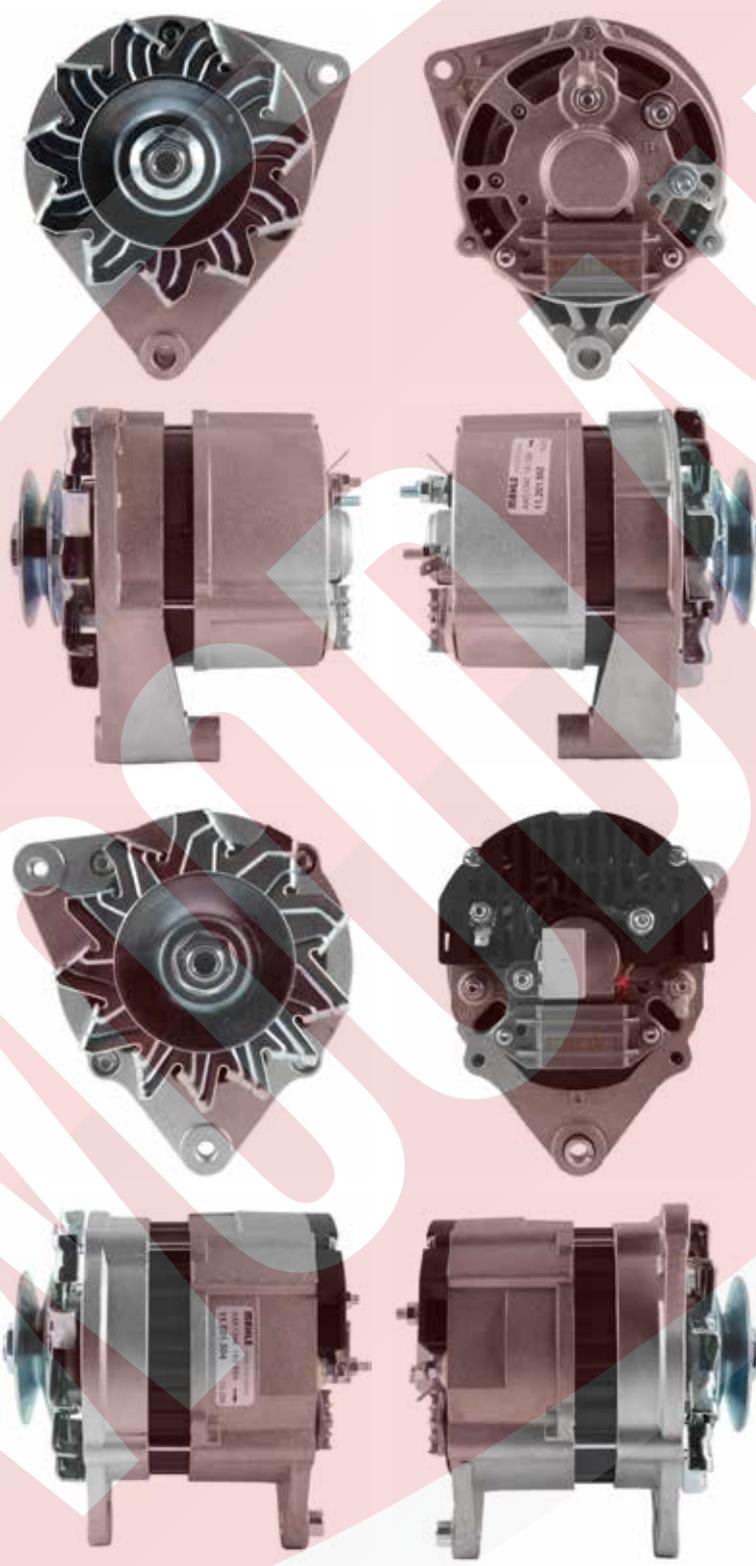
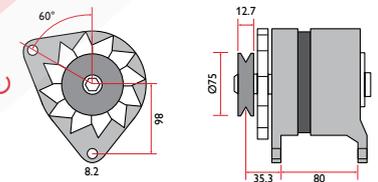
AAK1344

11.201.504

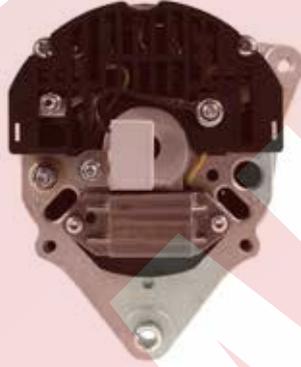
ALT4039 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x75mm
Application	Ford New Holland
Notes	Battery temperature sensing Dust-proof



Mahle Original Alternators



MAHMG284

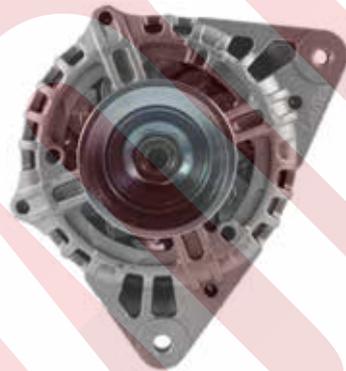
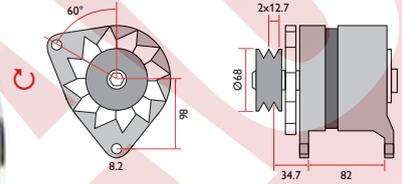
IA1315

AAK1817

11.203.667

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V2x68mm
Application	Landini
Notes	Dust-proof



MAHMG286

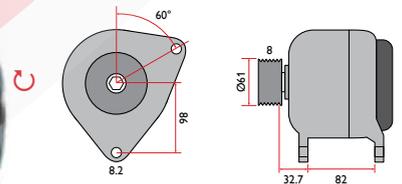
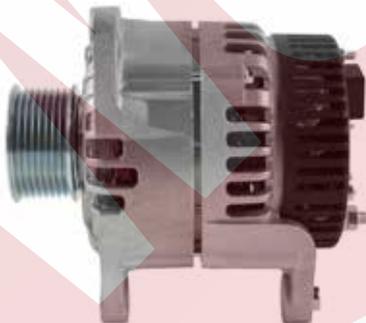
IA1224

AAK5759

11.203.822

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV8x61mm
Application	Case, New Holland
Notes	Coil on D+ terminal Dust-proof



Mahle Original Alternators

MAHMG288

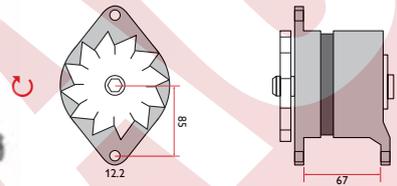
IA0514

AAK1228

11.201.514

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	Not fitted
Application	Same
Notes	Alternator for cab heating Without regulator or fan



MAHMG289

IA0522

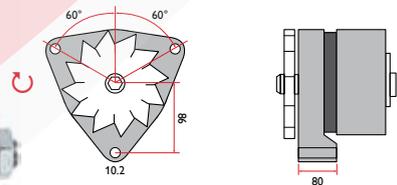
AAK1347

11.201.522

ALT0110 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	55A
Rotation	CW
Pulley	Not fitted
Application	Kaelble-Gmeinder
Notes	Dust-proof



Mahle Original Alternators



MAHMG308

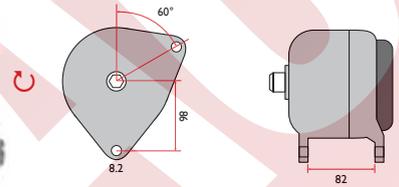
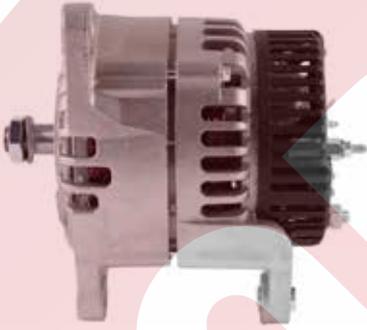
IA0970

AAK5562

11.203.388

SPECIFICATION:

Voltage 12V
Amperage 120A
Rotation CW
Pulley Not fitted
Application Massey Ferguson
Notes Dust-proof



MAHMG312

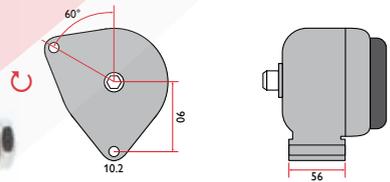
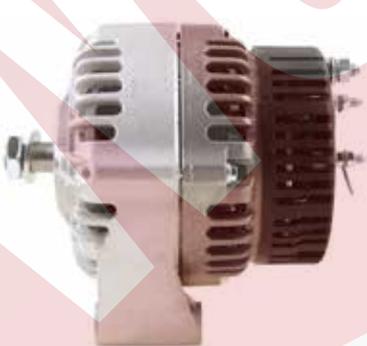
IA1026

AAK5568

11.203.399

SPECIFICATION:

Voltage 24V
Amperage 55A
Rotation CW
Pulley Not fitted
Application . Atlas, Liebherr, Mecalc
Notes Dust-proof



MAHMG314

IA1081

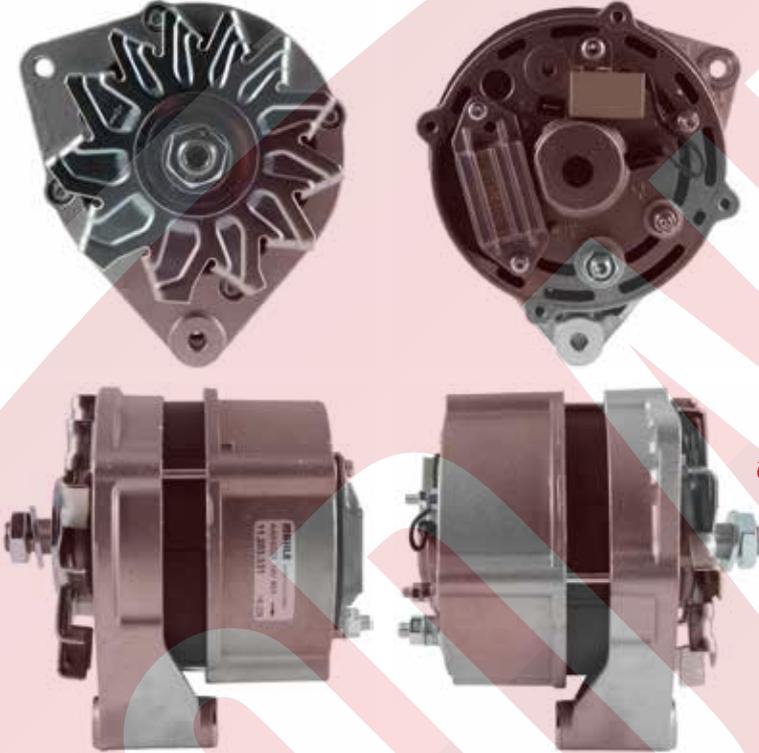
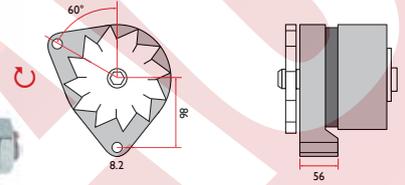
AAK4320

11.203.331

ALT10395 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	Not fitted
Application	Deutz-Fahr
Notes	Dust-proof



MAHMG316

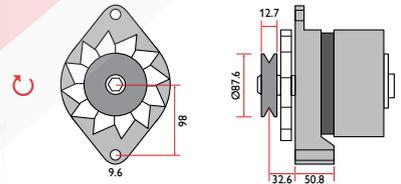
IA1131

AAK4305

11.203.264

SPECIFICATION:

Voltage	12V
Amperage	80A
Rotation	CW
Pulley	V1x88mm
Application	New Holland
Notes	Dust-proof



Mahle Original Alternators

MAHMG319

IA0801

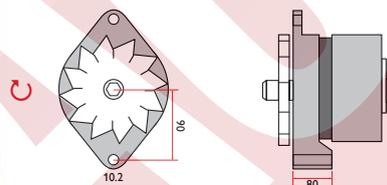
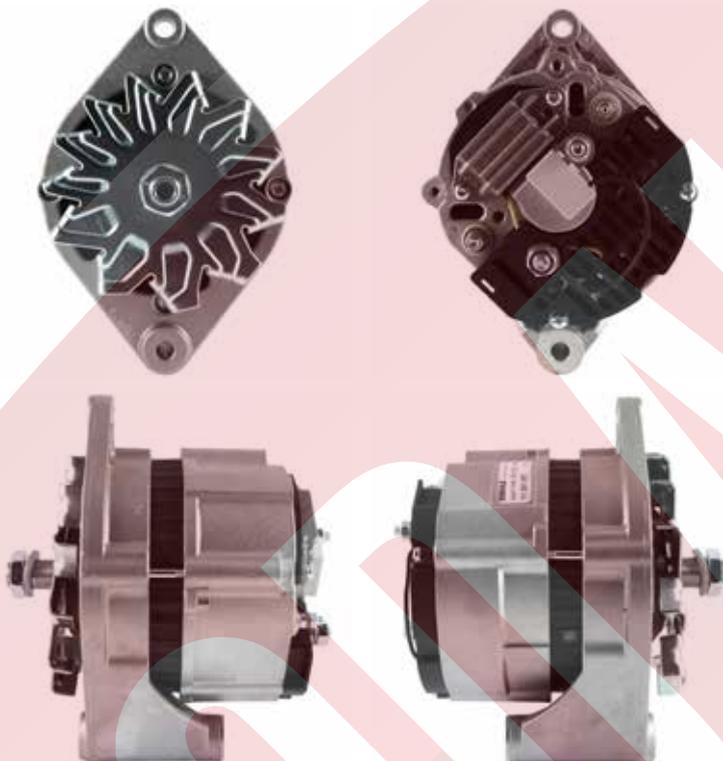
AAK1398

11.201.801

ALT10558 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	55A
Rotation	CW
Pulley	Not fitted
Application	..Hanomag
Notes	Dust-proof



MAHMG327

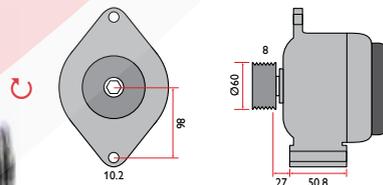
IA1073

AAK5388

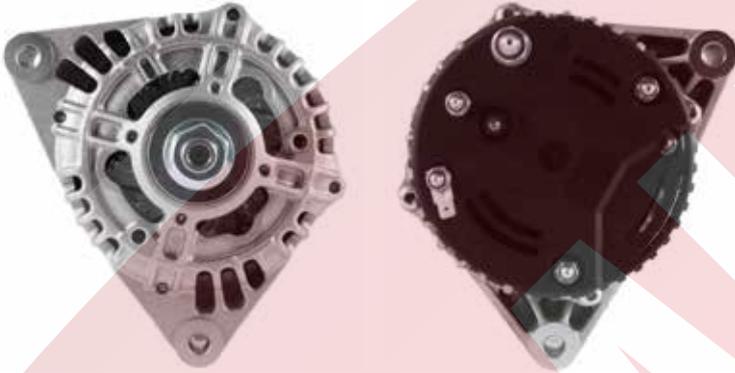
11.203.181

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV8x60mm
Application	..Claas, Renault
Notes	Dust-proof



Mahle Original Alternators

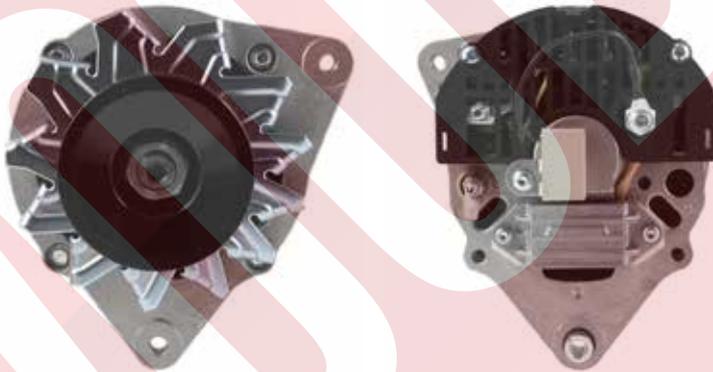
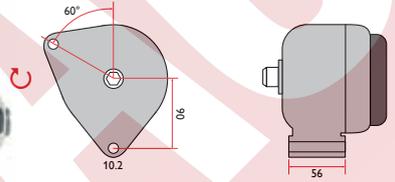
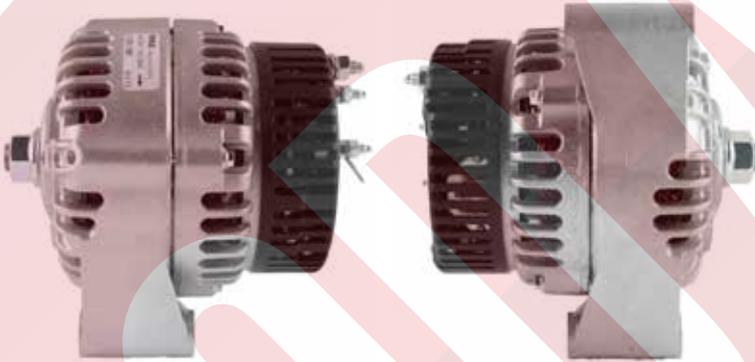


MAHMG329

IA1052 AAK5391 11.203.186
ALT10110 (Bosch version)

SPECIFICATION:

Voltage 12V
Amperage 90A
Rotation CW
Pulley Not fitted
Application Fendt, John Deere
Notes MG3 is 150A version
Dust-proof

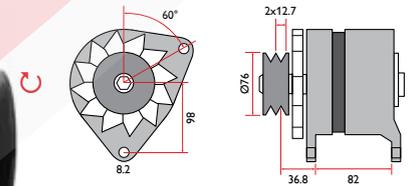


MAHMG330

IA1185 AAK4339 11.203.379

SPECIFICATION:

Voltage 12V
Amperage 65A
Rotation CW
Pulley V2x76mm
Application McCormick
Notes Dust-proof



Mahle Original Alternators

MAHMG332

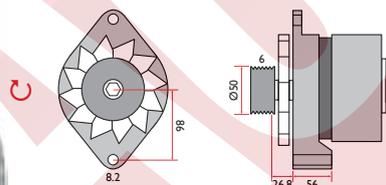
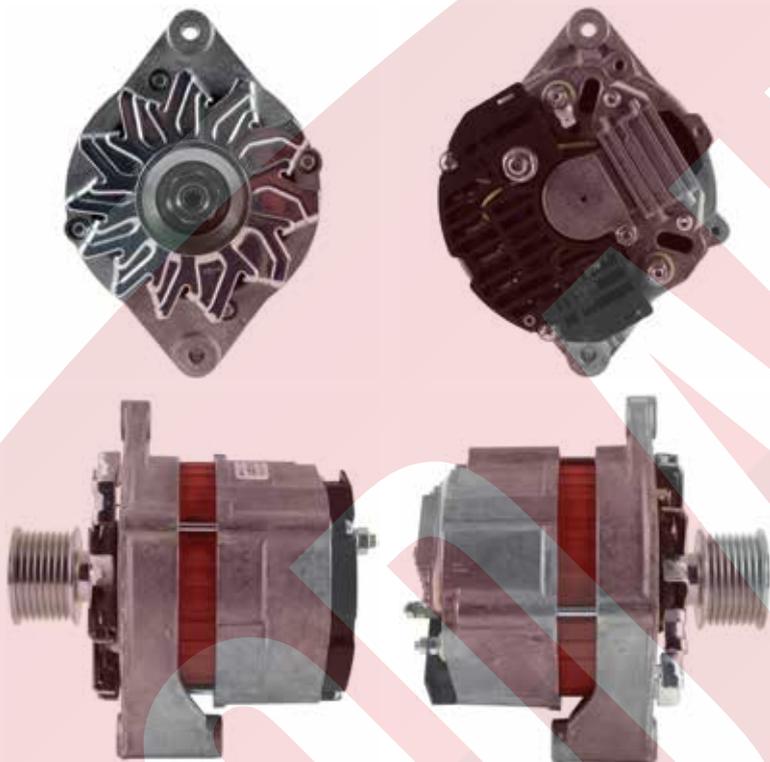
IA1165

AAK4318

11.203.321

SPECIFICATION:

Voltage 12V
 Amperage 75A
 Rotation CW
 Pulley PV6x50mm
 Application Renault
 Notes Dust-proof



MAHMG337

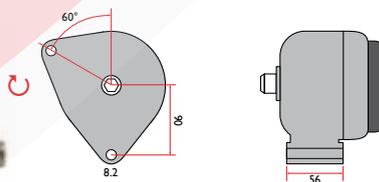
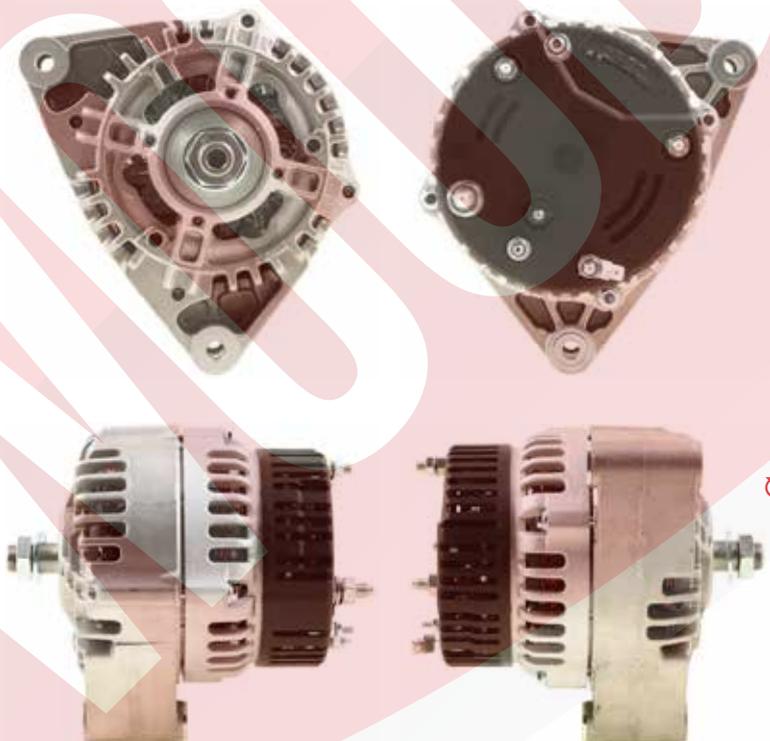
IA1076

AAK5565

11.203.396

SPECIFICATION:

Voltage 24V
 Amperage 55A
 Rotation CW
 Pulley Not fitted
 Application Atlas, Hittner, Liebherr
 Notes Dust-proof



MAHMG339

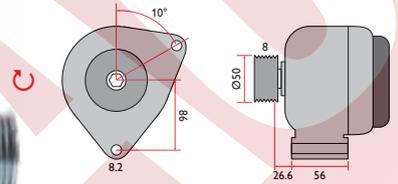
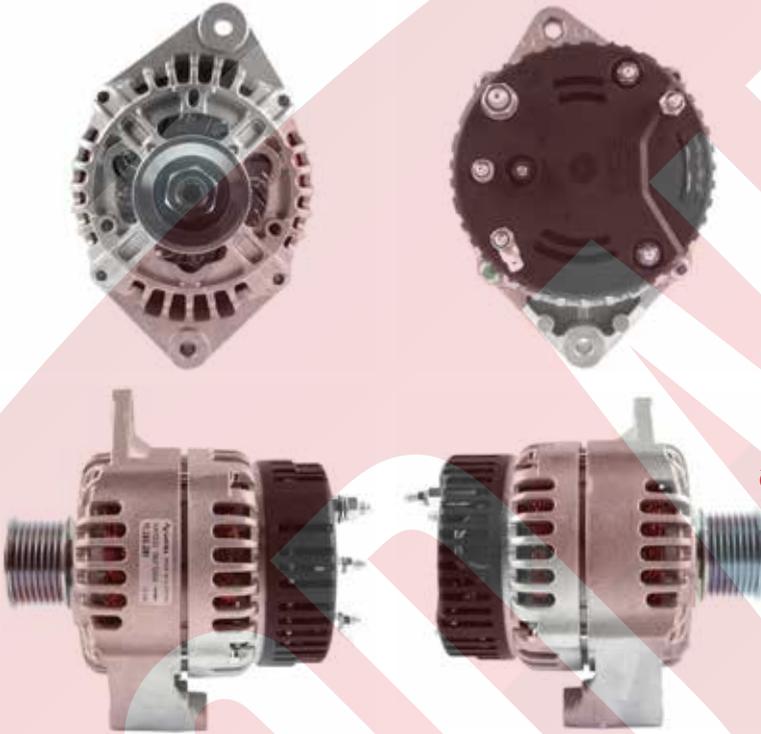
IA1161

AAK5533

11.203.281

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV8x50mm
Application	Claas, Renault
Notes	Dust-proof



MAHMG344

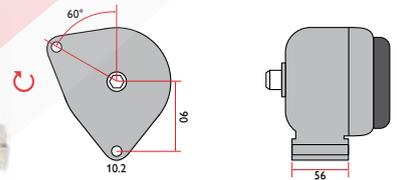
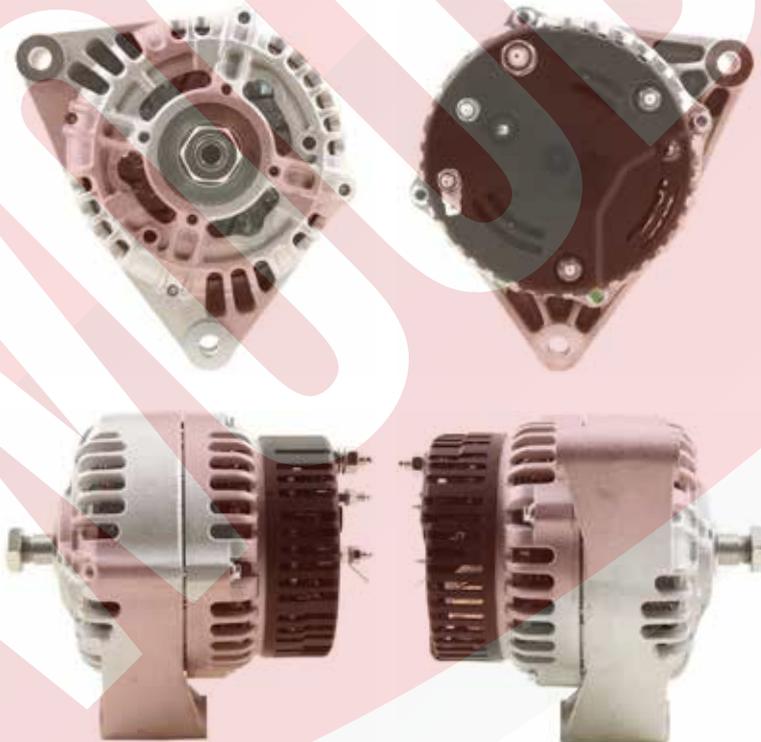
IA1023

AAK5567

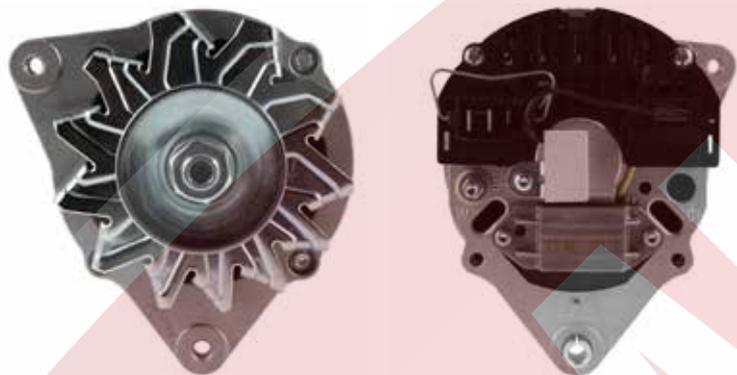
11.203.398

SPECIFICATION:

Voltage	12V
Amperage	95A
Rotation	CW
Pulley	Not fitted
Application	Deutz-Fahr
Notes	Dust-proof



Mahle Original Alternators



MAHMG348

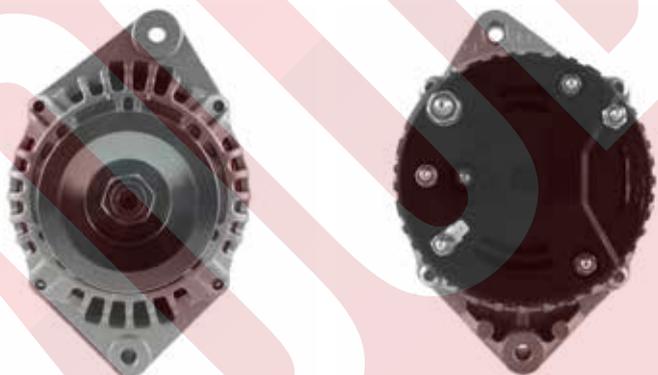
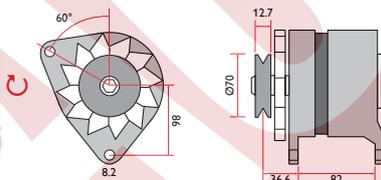
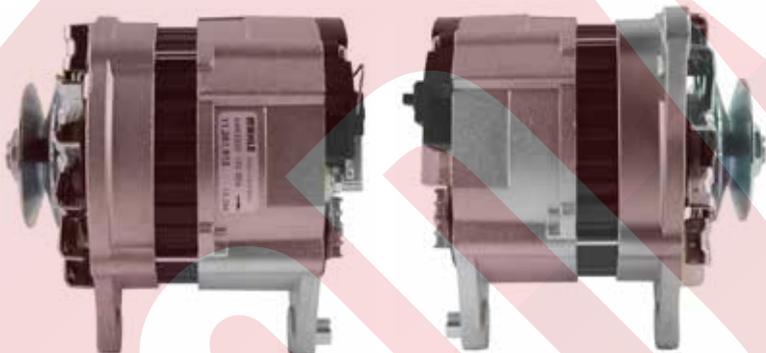
IA0913

AAK3320

11.201.913

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V1x70mm
 Application Case, Landini, MF
 Notes Dust-proof



MAHMG349

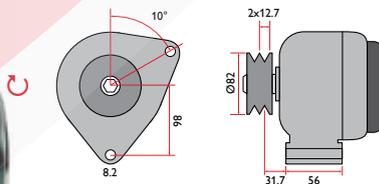
IA1354

AAK5708

11.203.551

SPECIFICATION:

Voltage 12V
 Amperage 95A
 Rotation CW
 Pulley V2x82mm
 Application Claas
 Notes Dust-proof



Mahle Original Alternators

MAHMG353

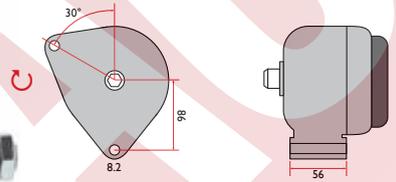
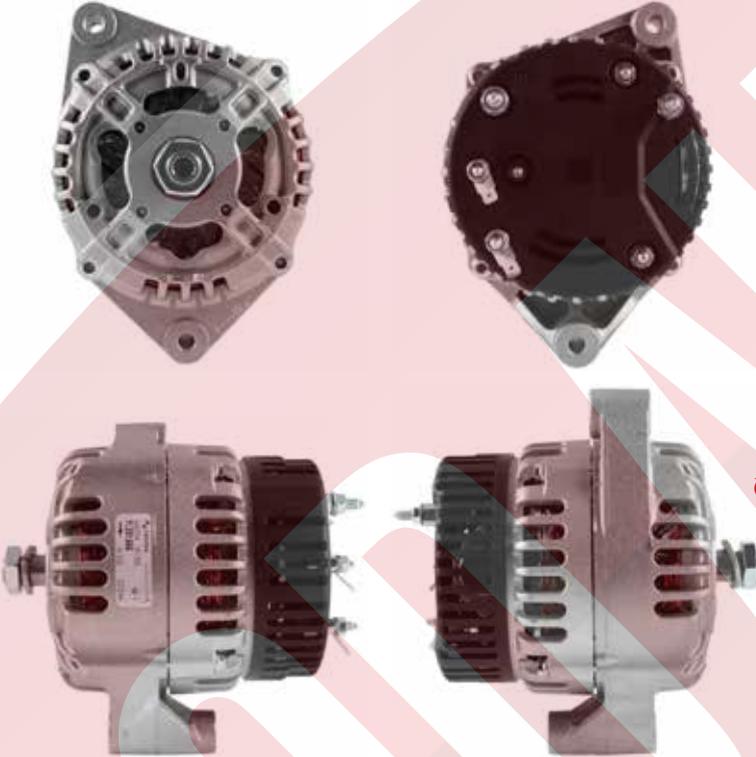
IA0666

AAK5114

11.201.666

SPECIFICATION:

Voltage	12V
Amperage	85A
Rotation	CW
Pulley	Not fitted
Application	Lamborghini, MF, Same
Notes	Dust-proof



MAHMG354

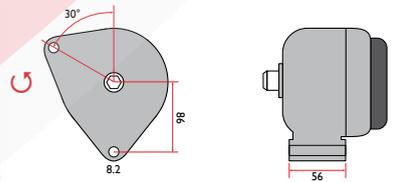
IA0667

AAK5115

11.201.667

SPECIFICATION:

Voltage	12V
Amperage	85A
Rotation	CCW
Pulley	Not fitted
Application	Same



Mahle Original Alternators

MAHMG357

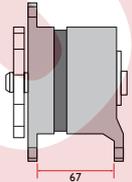
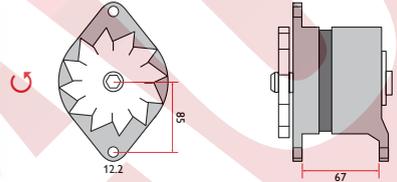
IA0662

AAK4543

11.201.662

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CCW
 Pulley Not fitted
 Application Same, Steyr



MAHMG359

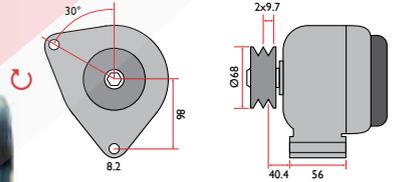
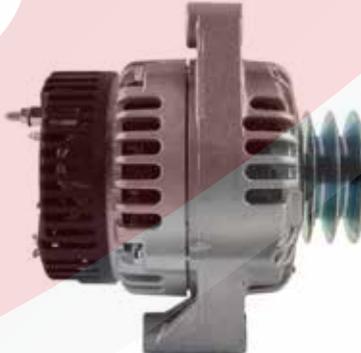
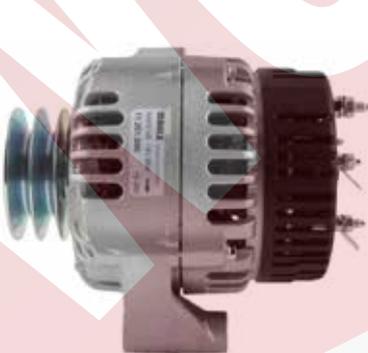
IA0800

AAK5145

11.201.800

SPECIFICATION:

Voltage 12V
 Amperage 85A
 Rotation CW
 Pulley V2x68mm
 Application Landini
 Notes Dust-proof



Mahle Original Alternators



MAHMG368

IA0050

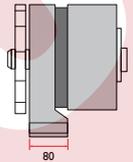
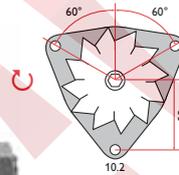
AAK1107

11.201.050

ALT10119 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	35A
Rotation	CW
Pulley	Not fitted
Application	Gmeinder, Liebherr



MAHMG369

IA0055

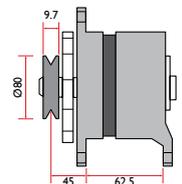
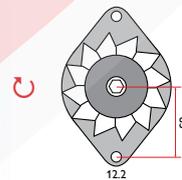
AAK1110

11.201.055

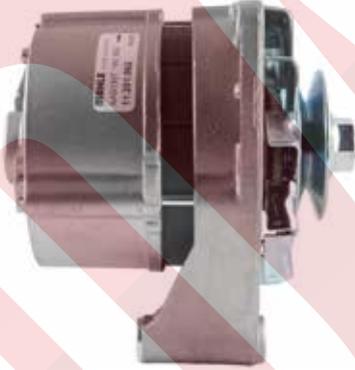
ALT26001 (Marelli version)

SPECIFICATION:

Voltage	24V
Amperage	35A
Rotation	CW
Pulley	V1x80mm
Application	Fiat-Allis, Palmieri



Mahle Original Alternators



MAHMG371

IA0062

AAG1307

11.201.062

ALT10424 (Bosch version)

SPECIFICATION:

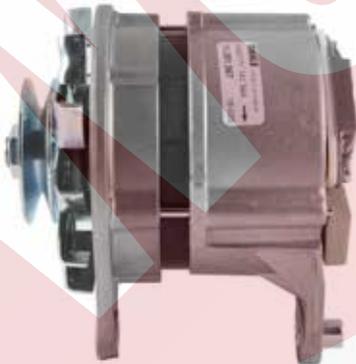
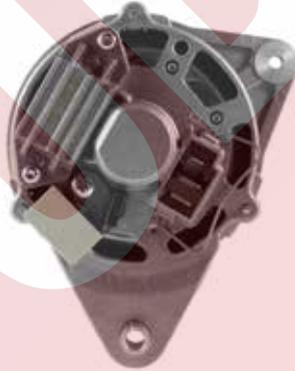
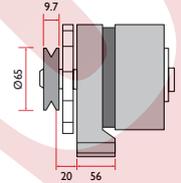
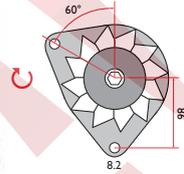
Voltage 12V

Amperage 33A

Rotation CW

Pulley V1x65mm

Application Marshall, Steyr



MAHMG372

IA0067

AAG1111

11.201.067

ALT16001 (Lucas version)

SPECIFICATION:

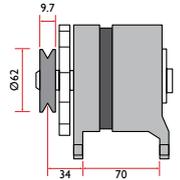
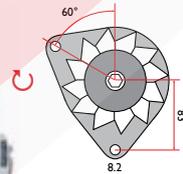
Voltage 12V

Amperage 34A

Rotation CW

Pulley V1x62mm

Application . . .Case, Marshall, Renault



Mahle Original Alternators

MAHMG378

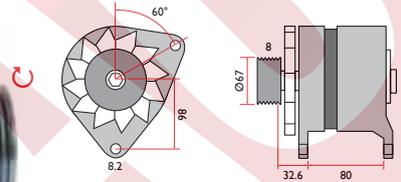
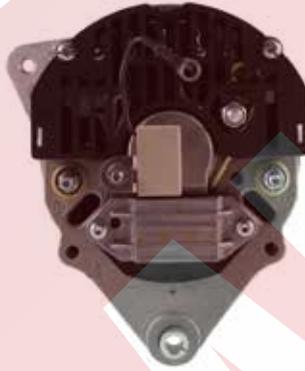
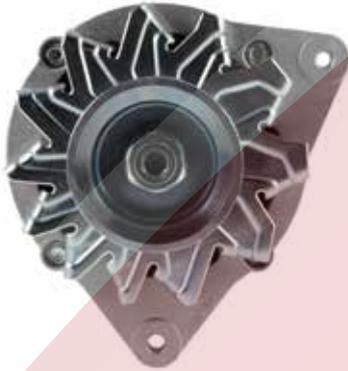
IA0599

AAK1354

11.201.599

SPECIFICATION:

Voltage	12V
Amperage	45A
Rotation	CW
Pulley	PV8x67mm
Application	Ford New Holland



MAHMG379

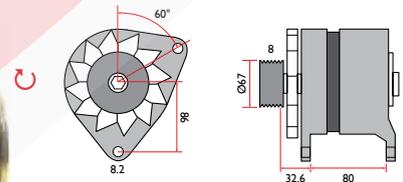
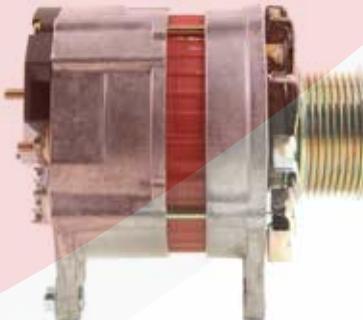
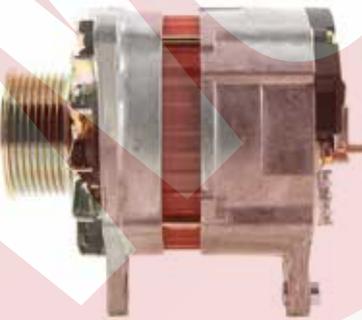
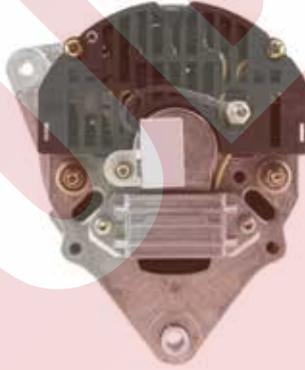
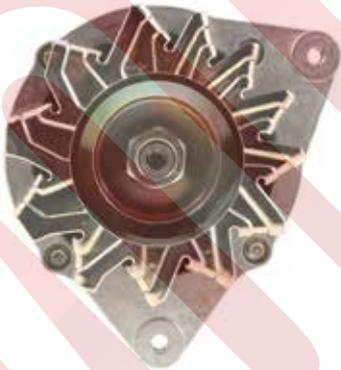
IA0600

AAK1355

11.201.600

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	PV8x67mm
Application	Ford New Holland



Mahle Original Alternators

MAHMG385

IA0854

AAK3337

11.201.943

SPECIFICATION:

Voltage 24V

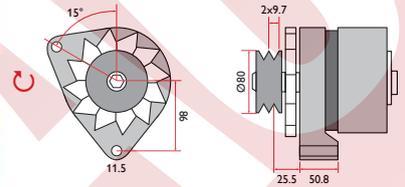
Amperage 55A

Rotation CW

Pulley V2x80mm

Application Volvo

Notes Dust-proof



MAHMG388

IA0880

AAK3340

11.201.946

SPECIFICATION:

Voltage 12V

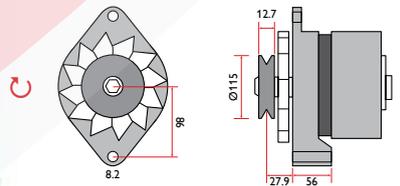
Amperage 65A

Rotation CW

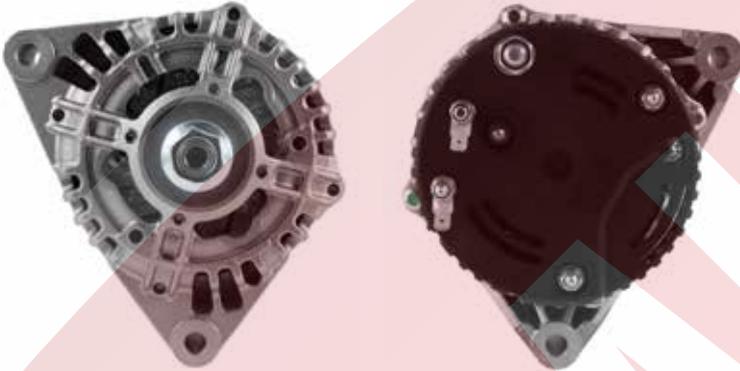
Pulley V1x115mm

Application Landini, Renault

Notes Dust-proof



Mahle Original Alternators



MAHMG393

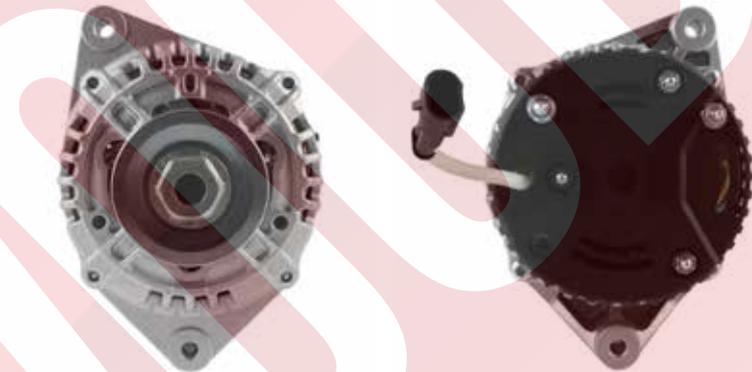
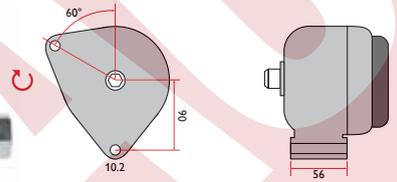
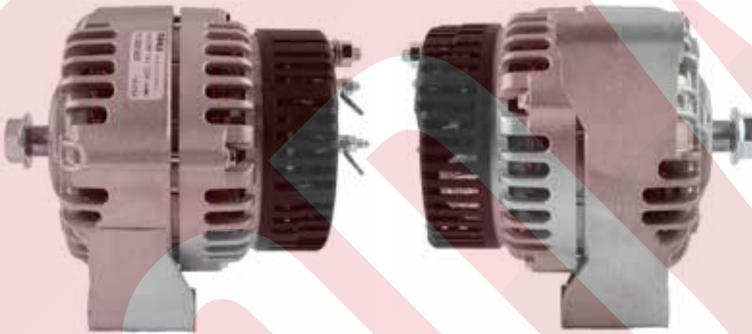
IA1241

AAK5599

11.203.523

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	Not fitted
Application	Massey Ferguson
Notes	Dust-proof



MAHMG397

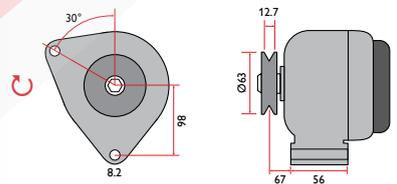
IA0955

AAK5183

11.201.955

SPECIFICATION:

Voltage	12V
Amperage	70A
Rotation	CW
Pulley	V1x63mm
Application	Agritalia (Carraro)
Notes	Alternator for cab heating Dust-proof



Mahle Original Alternators

MAHMG399

IA0555

AAK4507

11.201.555

ALT0107 (Bosch version)

SPECIFICATION:

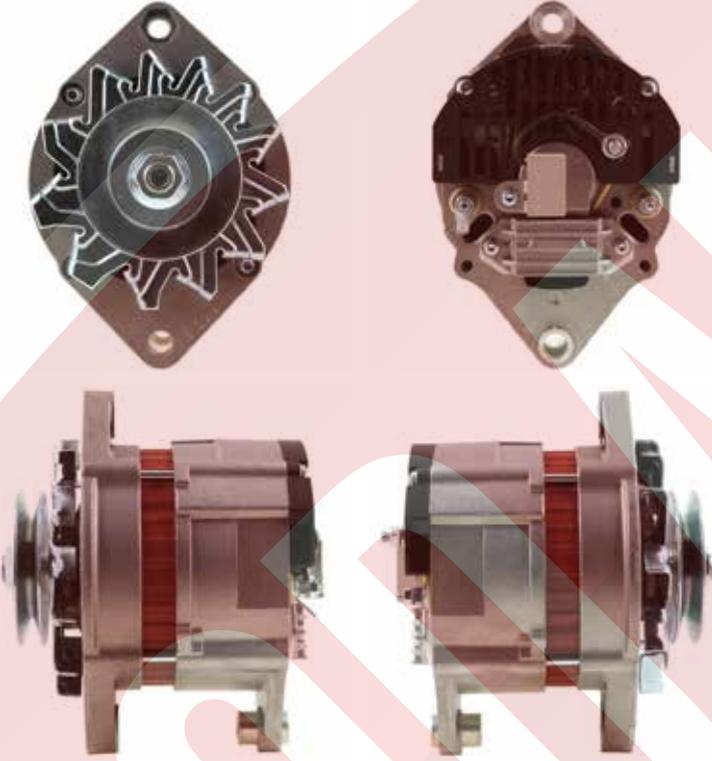
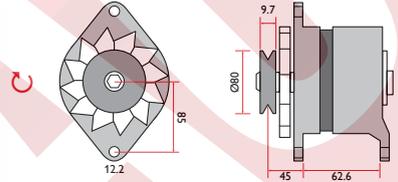
Voltage 24V

Amperage 55A

Rotation CW

Pulley V1x80mm

Application Fiat-Allis, Laverda



MAHMG400

IA0560

AAG1342

11.201.560

SPECIFICATION:

Voltage 12V

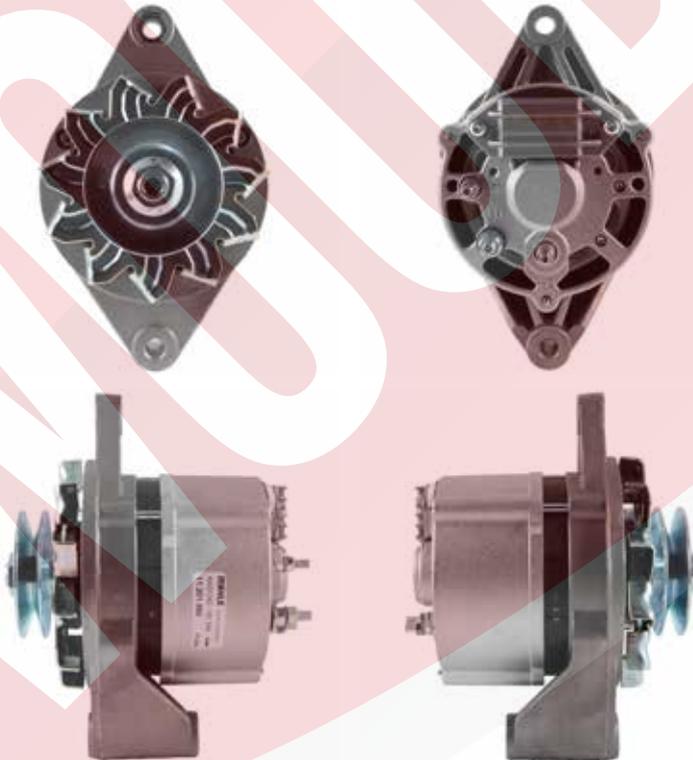
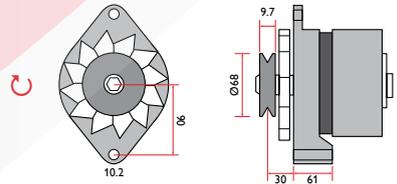
Amperage 33A

Rotation CW

Pulley V1x68mm

Application UTB (Rom)

Notes Dust-proof



Mahle Original Alternators

MAHMG402

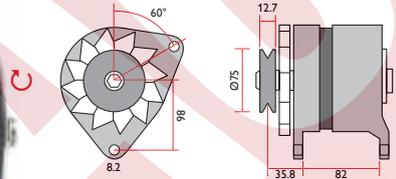
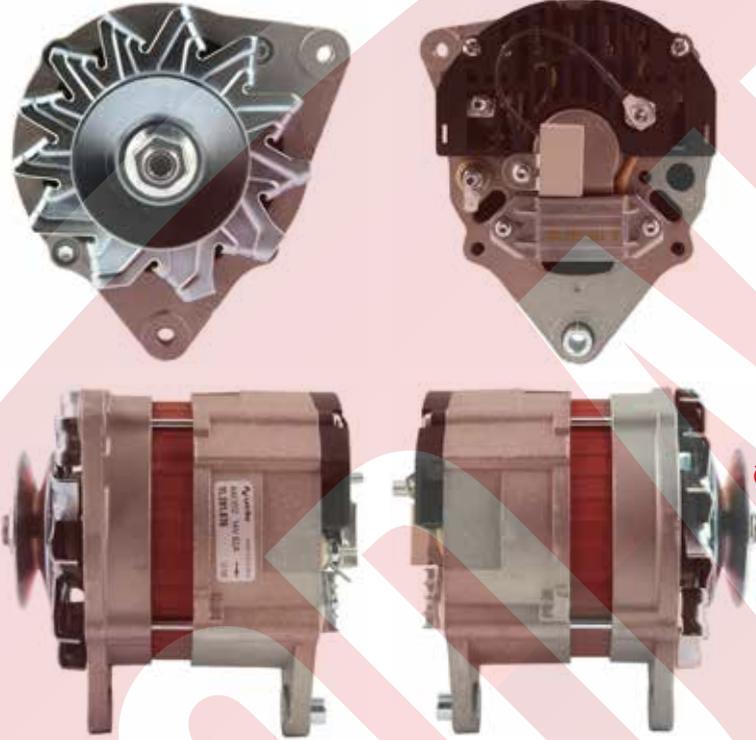
IA0876

AAK3312

11.201.876

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x75mm
Application	McCormick
Notes	Dust-proof



MAHMG403

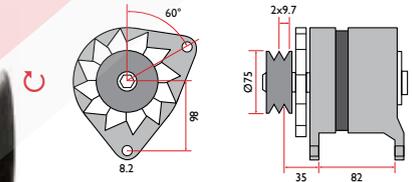
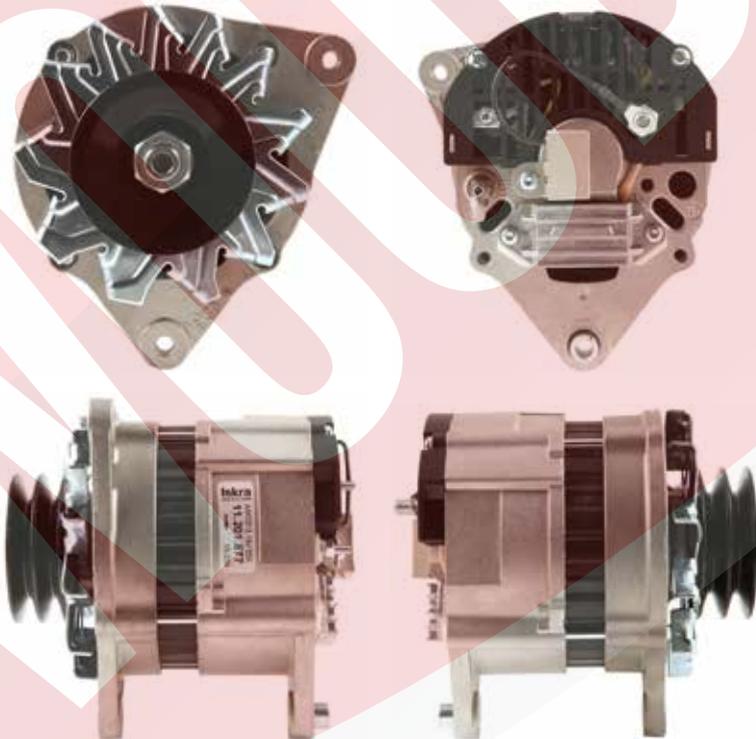
IA0877

AAK3313

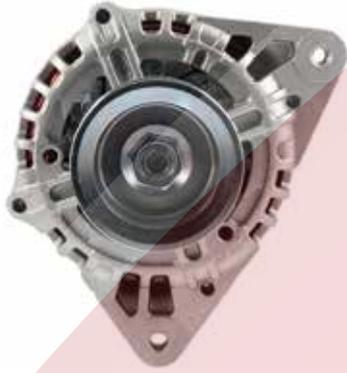
11.201.877

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V2x75mm
Application	Case, McCormick
Notes	Dust-proof



Mahle Original Alternators



MAHMG404

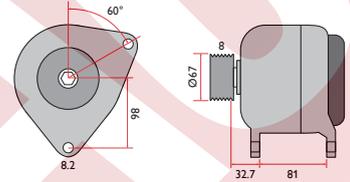
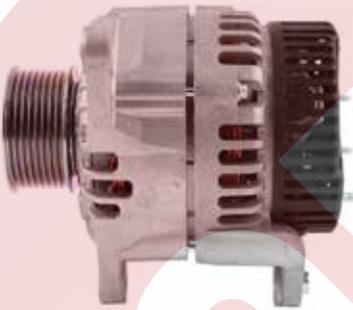
IA1020

AAK5355

11.203.088

SPECIFICATION:

Voltage 12V
 Amperage 120A
 Rotation CW
 Pulley PV8x67mm
 Application Case, New Holland
 Notes Dust-proof



MAHMG407

IA0881

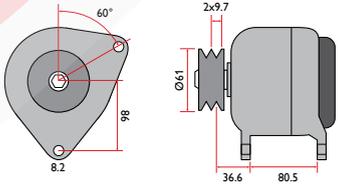
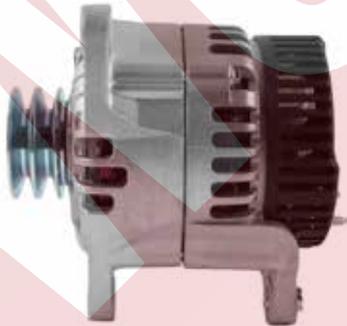
AAK5166

11.201.881

ALT20705 (Iskra version)

SPECIFICATION:

Voltage 12V
 Amperage 95A
 Rotation CW
 Pulley V2x61mm
 Application Fermec, Terex
 Notes Dust-proof



Mahle Original Alternators

MAHMG412

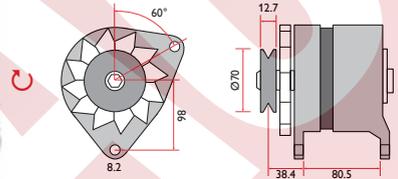
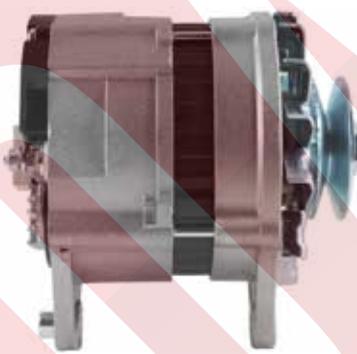
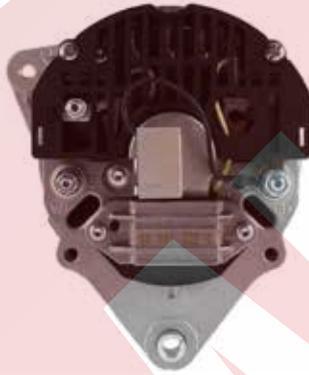
IA0884

AAK3316

11.201.884

SPECIFICATION:

Voltage	12V
Amperage	70A
Rotation	CW
Pulley	V1x70mm
Application	Fermec, Terex
Notes	Dust-proof



MAHMG415

IA0728

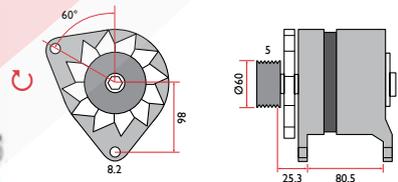
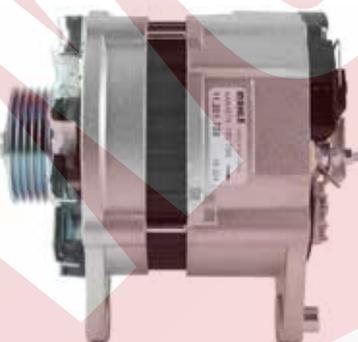
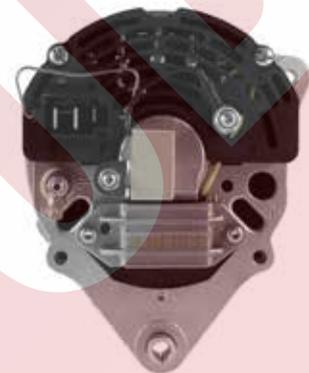
AAK4574

11.201.728

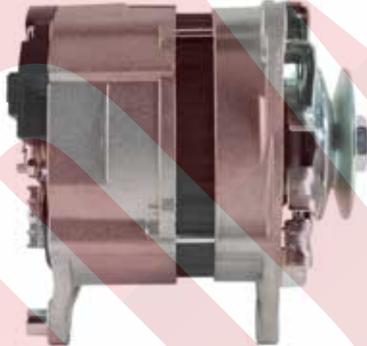
ALT16067 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	70A
Rotation	CW
Pulley	PV5x60mm
Application	Massey Ferguson



Mahle Original Alternators



MAHMG426

IA0301

AAK4135

11.201.301

ALT16023 (Lucas version)

SPECIFICATION:

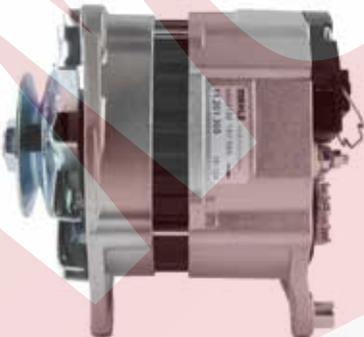
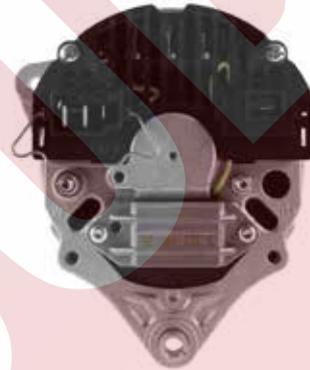
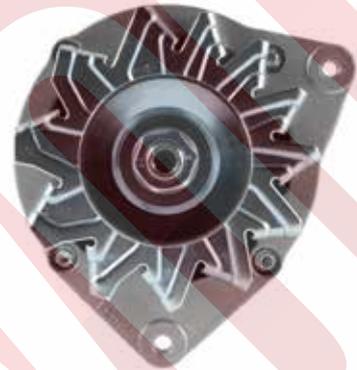
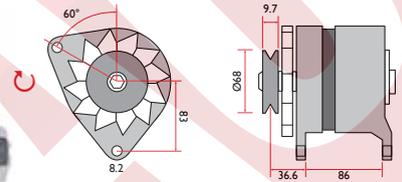
Voltage 12V

Amperage 55A

Rotation CW

Pulley V1x68mm

Application Case, IH, JCB, MF



MAHMG427

IA0305

AAK4139

11.201.305

ALT10288 (Bosch version)

SPECIFICATION:

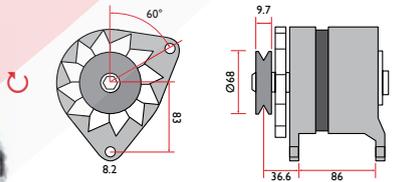
Voltage 12V

Amperage 55A

Rotation CW

Pulley V1x68mm

Application Renault

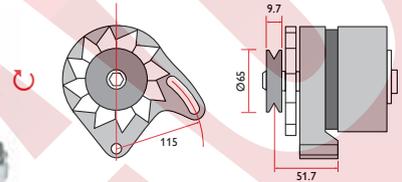


MAHMG432

IA0735 AAK4580 11.201.735
ALT12105 (Marelli version)

SPECIFICATION:

Voltage 12V
Amperage 45A
Rotation CW
Pulley V1x65mm
Application . . Agromehanika, Hittner

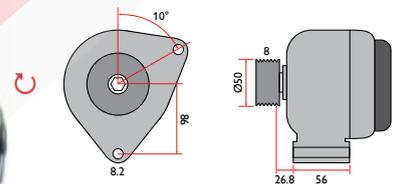
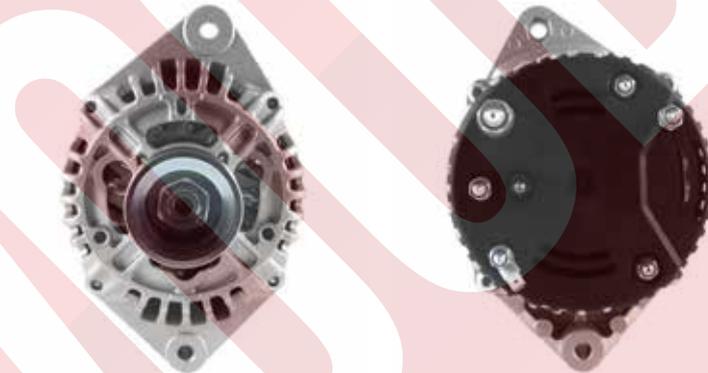


MAHMG435

IA0738 AAK5125 11.201.738

SPECIFICATION:

Voltage 12V
Amperage 95A
Rotation CW
Pulley PV8x50mm
Application Renault
Notes MG339 is 120A version
Dust-proof



Mahle Original Alternators

MAHMG437

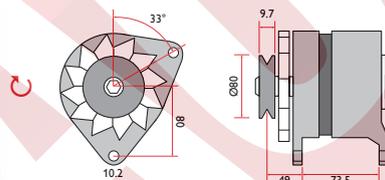
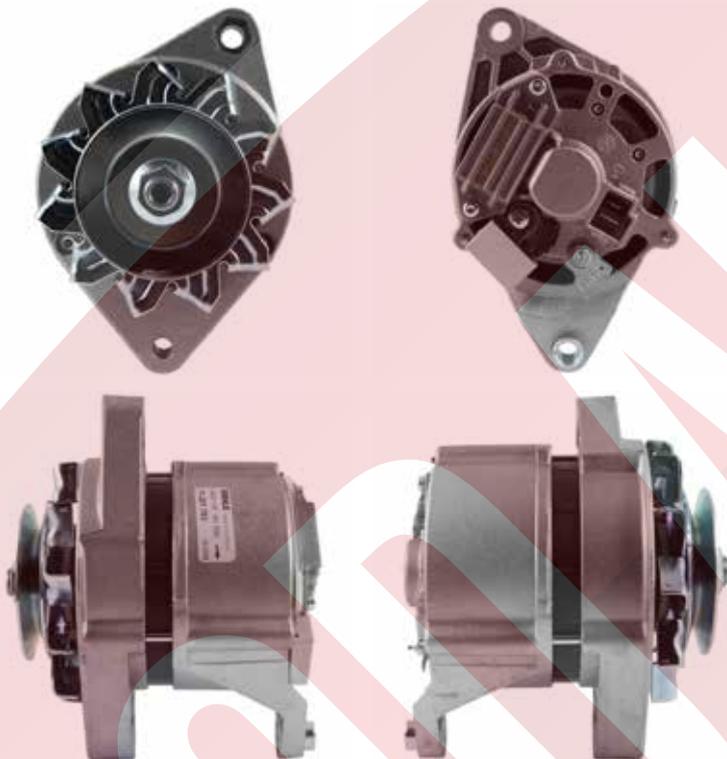
IA0783

AAG1130

11.201.783

SPECIFICATION:

Voltage 12V
 Amperage 33A
 Rotation CW
 Pulley V1x80mm
 Application Renault



MAHMG438

IA0784

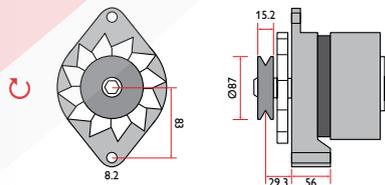
AAG1343

11.201.784

ALT20029 (Bosch version)

SPECIFICATION:

Voltage 12V
 Amperage 33A
 Rotation CW
 Pulley V1x87mm
 Application Eicher, John Deere, Same
 Notes Dust-proof



Mahle Original Alternators

MAHMG450

IA1274

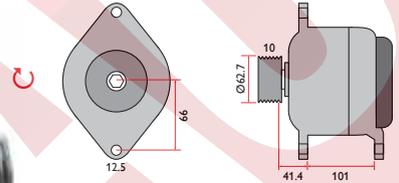
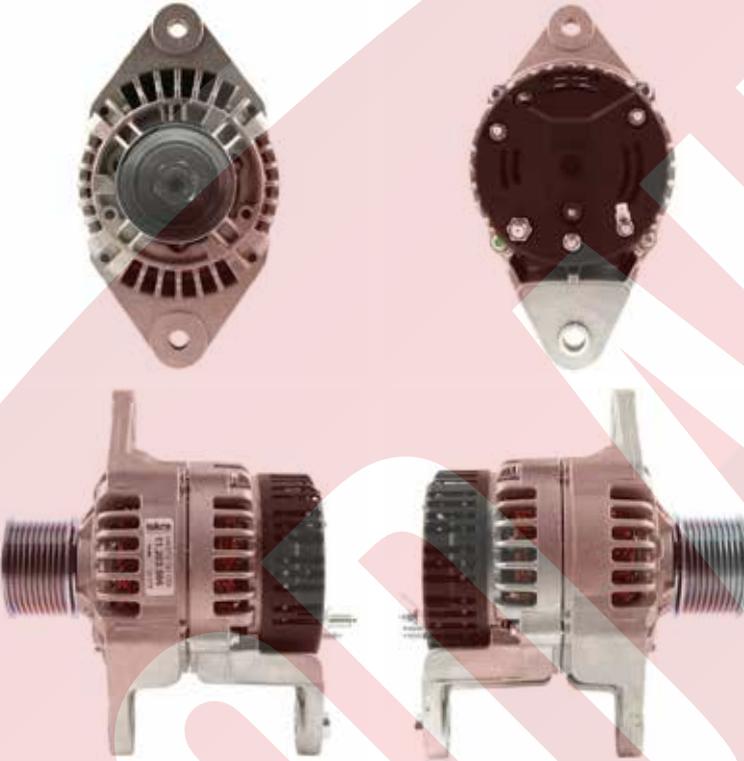
AAK5712

11.203.566

ALT20641 (Iskra version)

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV10x63mm
Application	New Holland



MAHMG453

IA1206

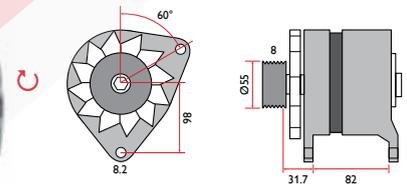
AAK1867

11.203.824

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	PV8x55mm
Application	New Holland
Notes	Coil on D+ terminal

Dust-proof



Mahle Original Alternators



MAHMG462

IA0095

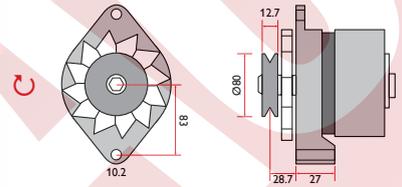
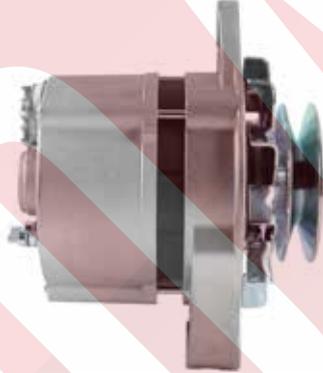
AAG1310

11.201.095

ALT16009 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	33A
Rotation	CW
Pulley	V1x80mm
Application	Massey Ferguson
Notes	Dust-proof



MAHMG468

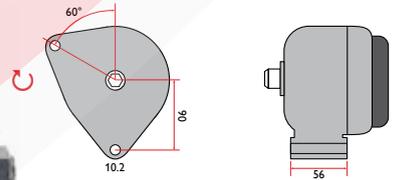
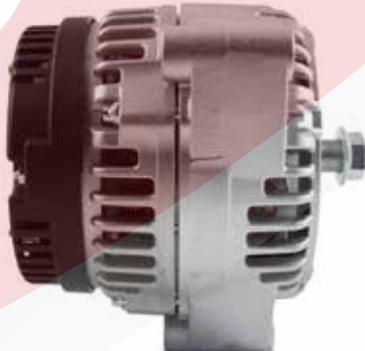
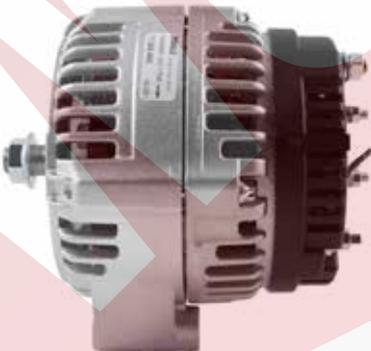
IA1417

AAN5848

11.204.443

SPECIFICATION:

Voltage	12V
Amperage	175A
Rotation	CW
Pulley	Not fitted
Application	Massey Ferguson
Notes	Dust-proof



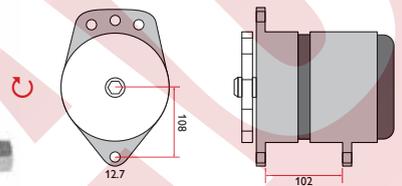
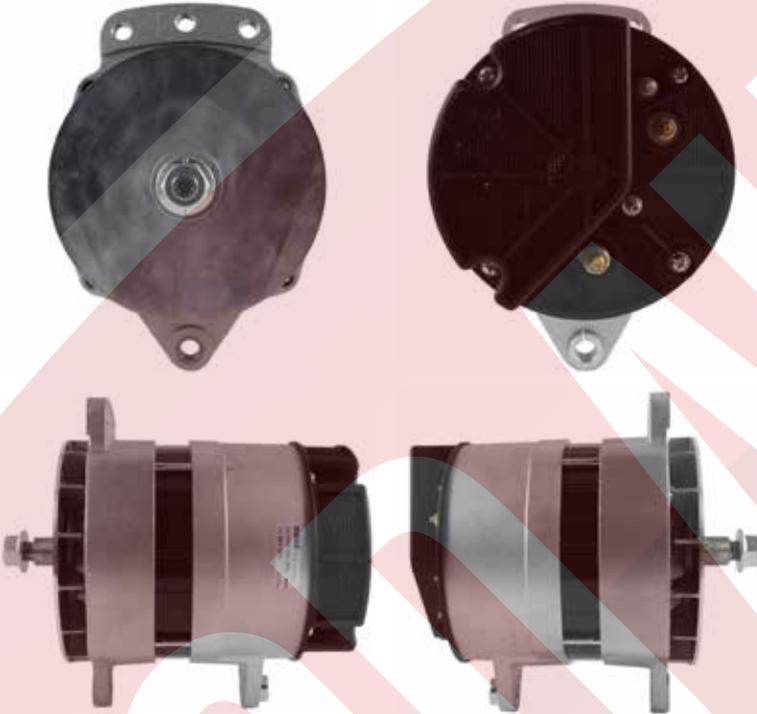
Mahle Original Alternators

MAHMG470

IA1527 AAT3322 11.204.231
PRE8SC2282VG (Leece Neville version)

SPECIFICATION:

Voltage 12V
Amperage 220A
Rotation CW
Pulley Not fitted
Application Case, New Holland
Notes Dust-proof

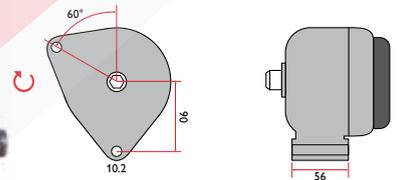
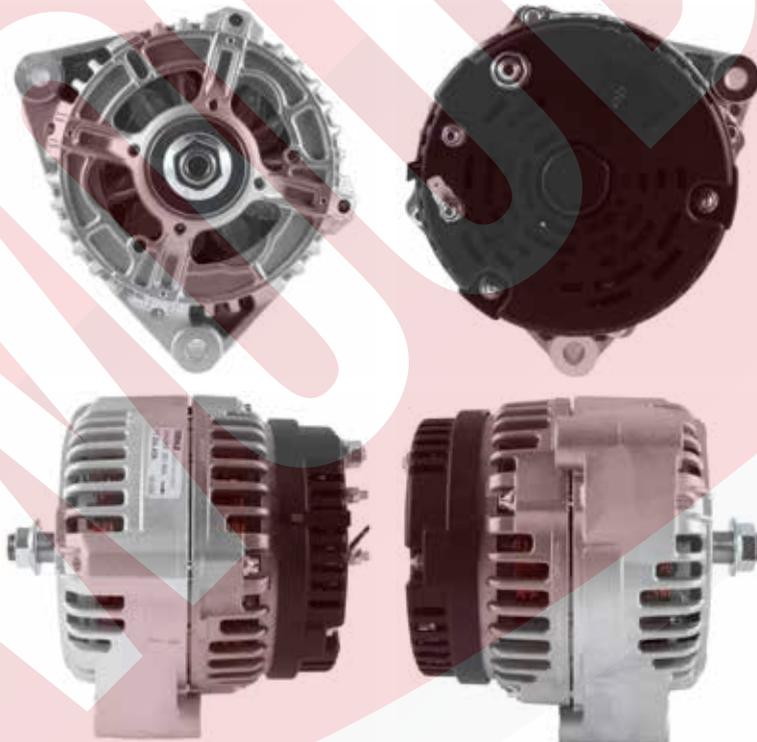


MAHMG473

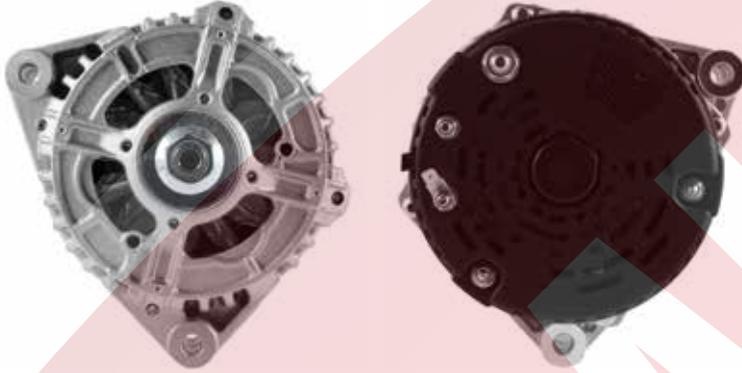
IA1031 AAN5836 11.204.409

SPECIFICATION:

Voltage 24V
Amperage 80A
Rotation CW
Pulley Not fitted
Application Deutz-Fahr
Notes Dust-proof



Mahle Original Alternators



MAHMG475

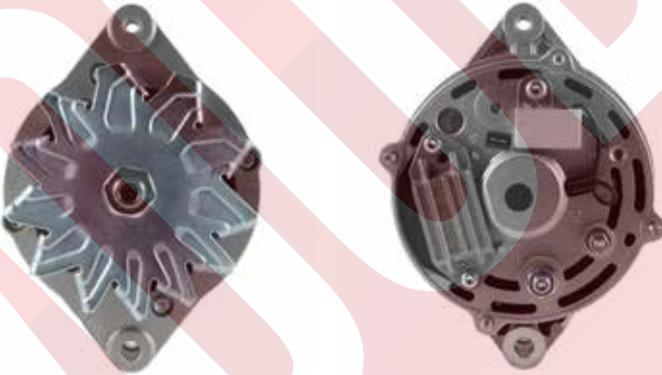
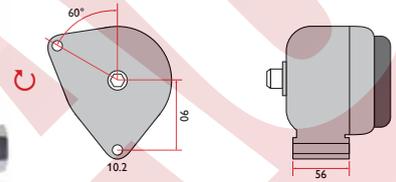
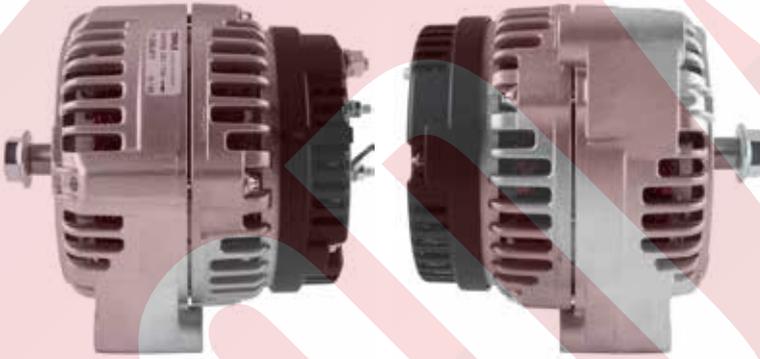
IA1385

AAN5838

11.204.411

SPECIFICATION:

Voltage 24V
 Amperage 110A
 Rotation CW
 Pulley Not fitted
 Application Deutz-Fahr
 Notes Dust-proof



MAHMG477

IA1522

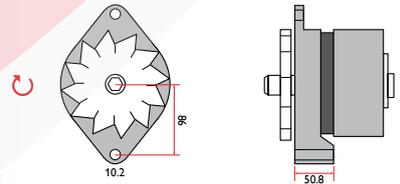
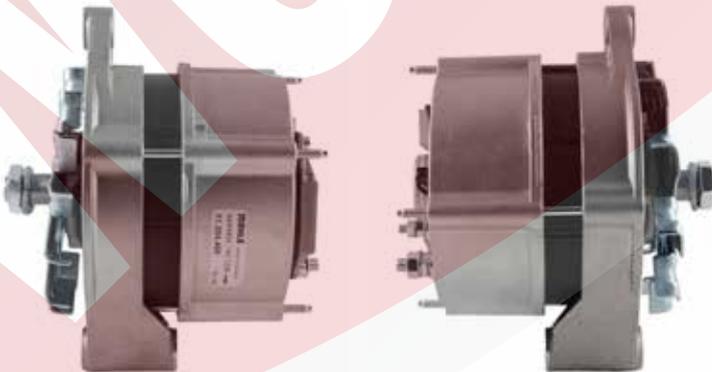
AAK4834

11.204.405

ALT10236 (Bosch version)

SPECIFICATION:

Voltage 12V
 Amperage 120A
 Rotation CW
 Pulley Not fitted
 Application Case, John Deere
 Notes Dust-proof



Mahle Original Alternators

MAHMG478

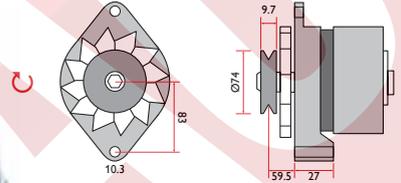
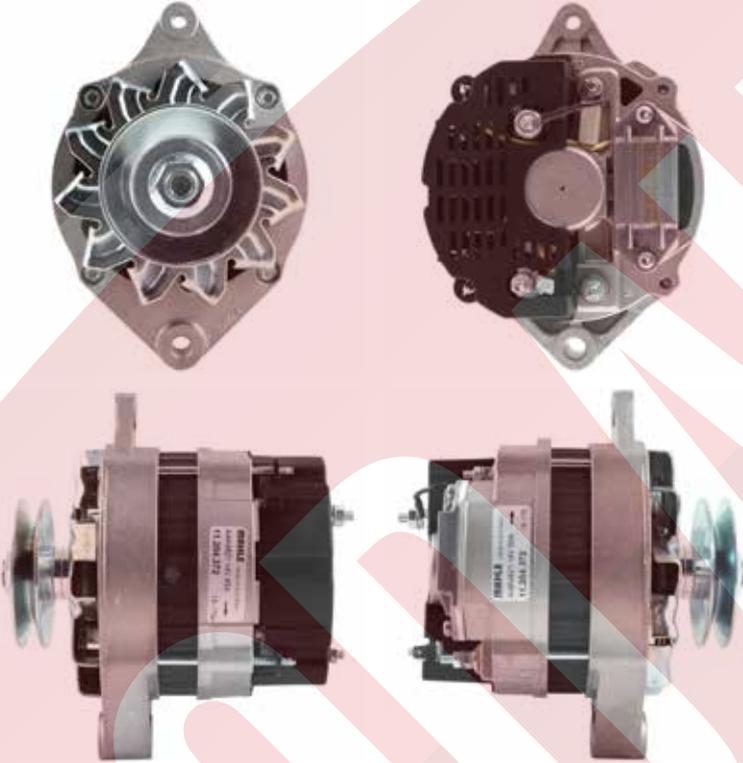
IA0513

AAK4821

11.204.372

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x74mm
Application	Renault



MAHMG480

IA1378

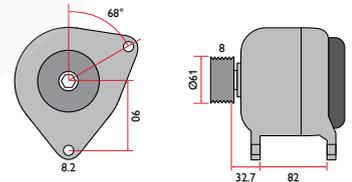
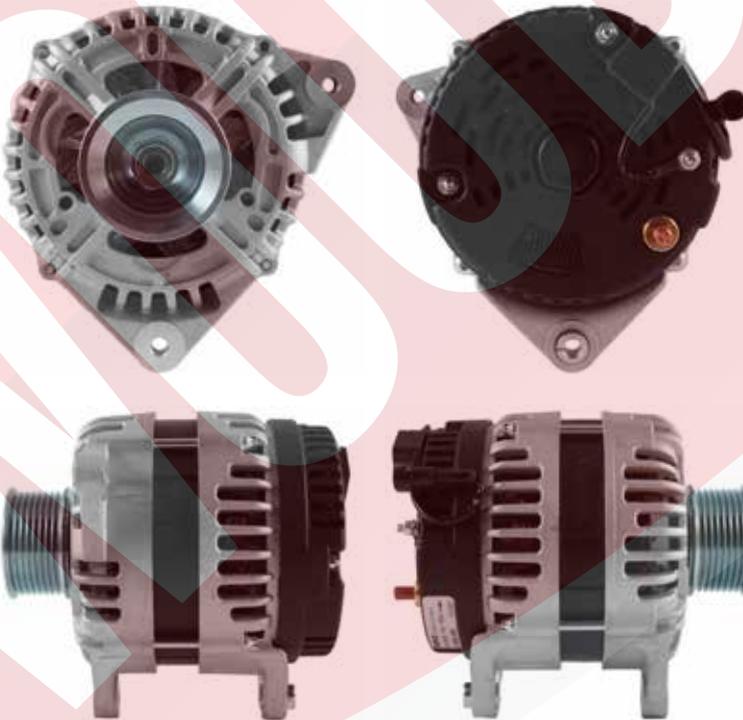
AAN5828

11.204.393

SPECIFICATION:

Voltage	12V
Amperage	150A
Rotation	CW
Pulley	PV8x61mm
Application	Case, New Holland
Notes	Coil on D+ terminal

Dust-proof



Mahle Original Alternators



MAHMG481

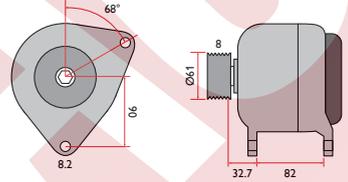
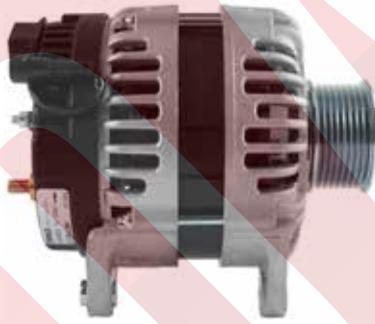
IA1379

AAN5829

11.204.394

SPECIFICATION:

Voltage 12V
 Amperage 200A
 Rotation CW
 Pulley PV8x61mm
 Application Case, New Holland
 Notes Coil on D+ terminal
 Dust-proof



MAHMG482

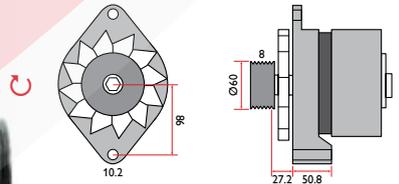
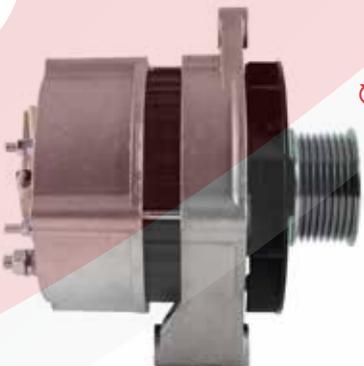
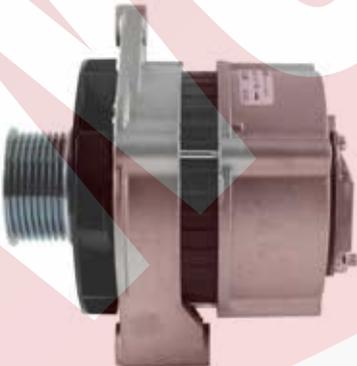
IA1299

AAK4830

11.204.395

SPECIFICATION:

Voltage 12V
 Amperage 75A
 Rotation CW
 Pulley PV8x60mm
 Application ... John Deere, Liebherr
 Notes Dust-proof



Mahle Original Alternators

MAHMG484

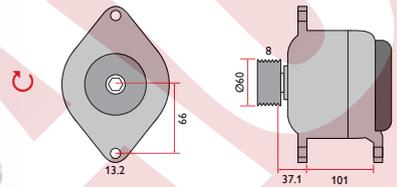
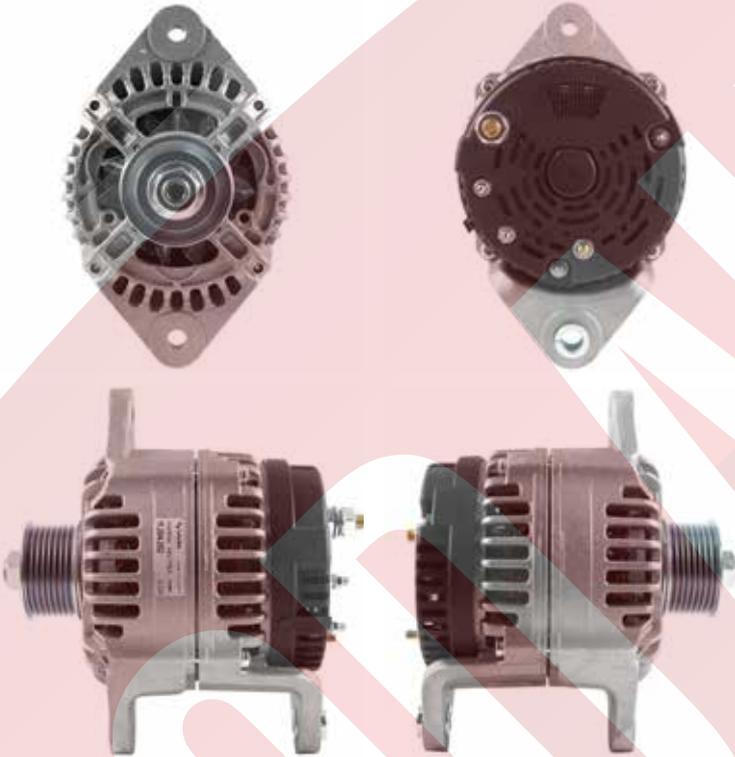
IA1196

AAN8164

11.204.252

SPECIFICATION:

Voltage	12V
Amperage	175A
Rotation	CW
Pulley	PV8x60mm
Application	Claas, Renault
Notes	Dust-proof



MAHMG485

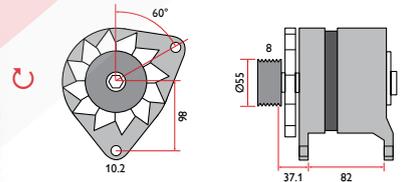
IA1503

AAK4809

11.204.326

SPECIFICATION:

Voltage	12V
Amperage	100A
Rotation	CW
Pulley	PV8x55mm
Application	Claas, John Deere
Notes	Dust-proof



Mahle Original Alternators

MAHMG490

IA1058

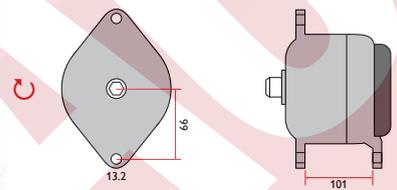
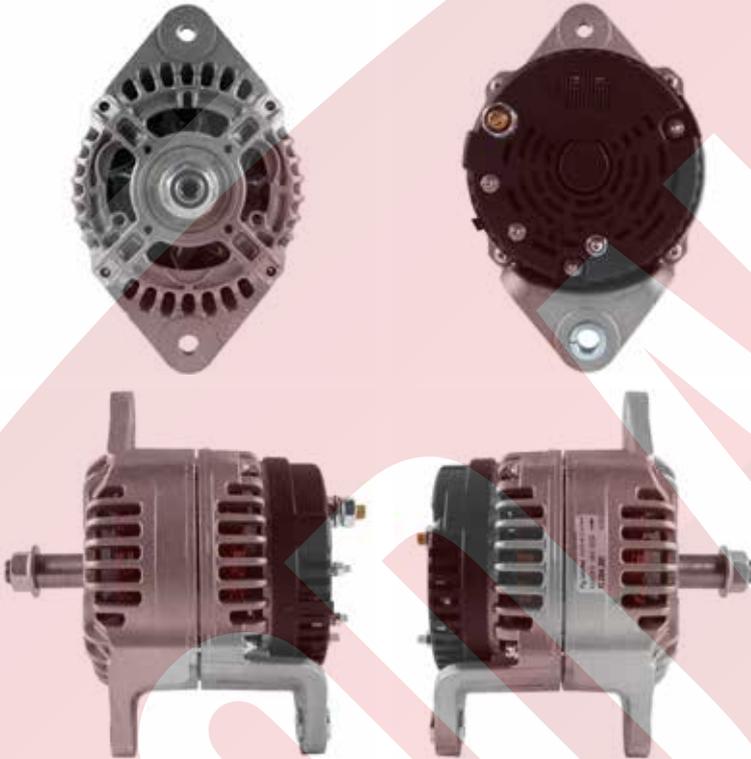
AAN5819

11.204.361

ALT20042 (Bosch version)

SPECIFICATION:

Voltage 12V
 Amperage 150A
 Rotation CW
 Pulley Not fitted
 Application Case, New Holland
 Notes Dust-proof



MAHMG502

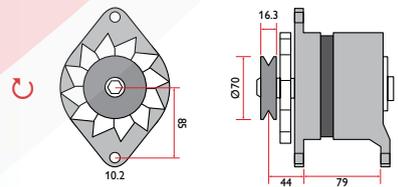
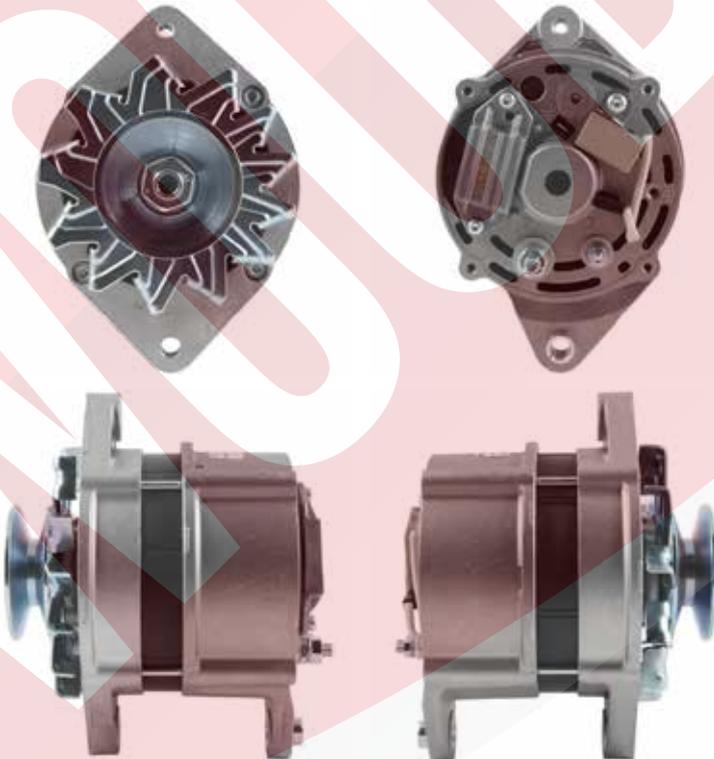
IA1351

AAK1878

11.203.850

SPECIFICATION:

Voltage 12V
 Amperage 95A
 Rotation CW
 Pulley V1x70mm
 Application Gehl
 Notes Dust-proof



Mahle Original Alternators

MAHMG512

IA0437

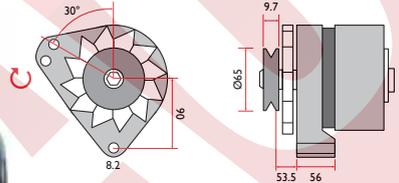
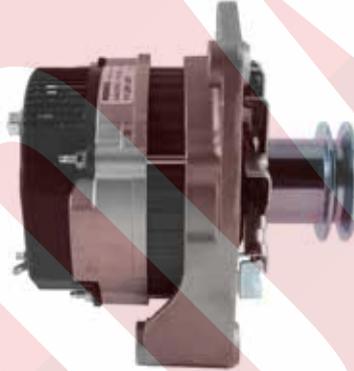
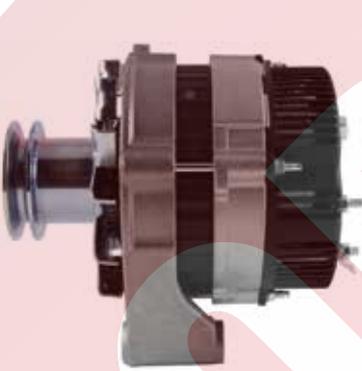
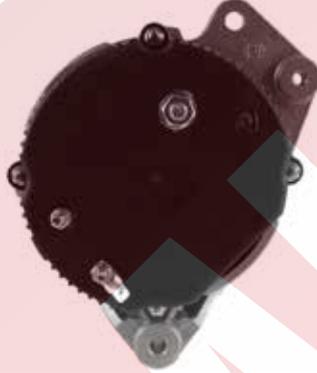
AAK3542

11.201.437

ALT10113 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x65mm
Application	Multicar



MAHMG515

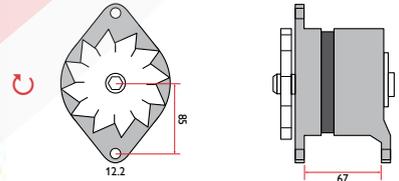
IA0463

AAK3563

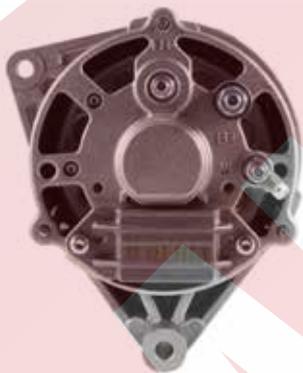
11.201.463

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	Not fitted
Application	Agco, SDF
Notes	MG540 is 80A version



Mahle Original Alternators



MAHMG517

IA0507

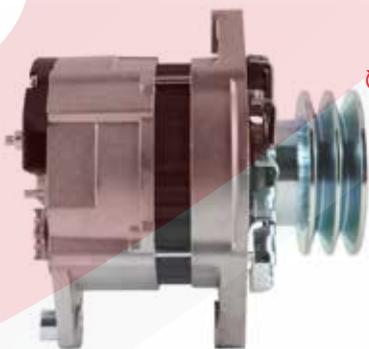
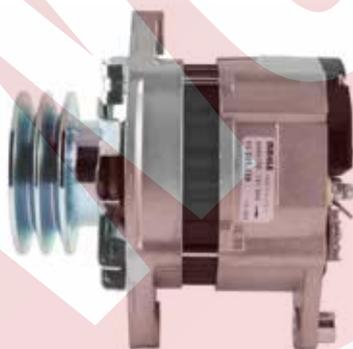
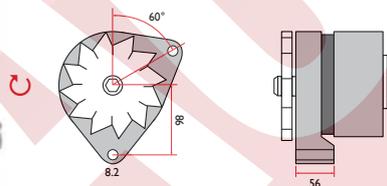
AAG1341

11.201.507

ALT10112 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	33A
Rotation	CW
Pulley	Not fitted
Application	Case, Goldini
Notes	Dust-proof



MAHMG521

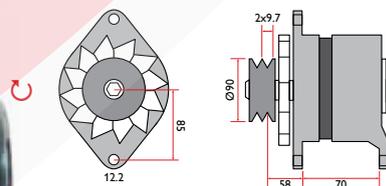
IA0329

AAK4155

11.201.329

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V2x90mm
Application	Fiat, Same, Muzzi



Mahle Original Alternators

MAHMG524

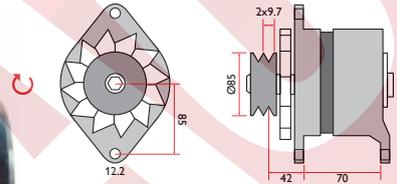
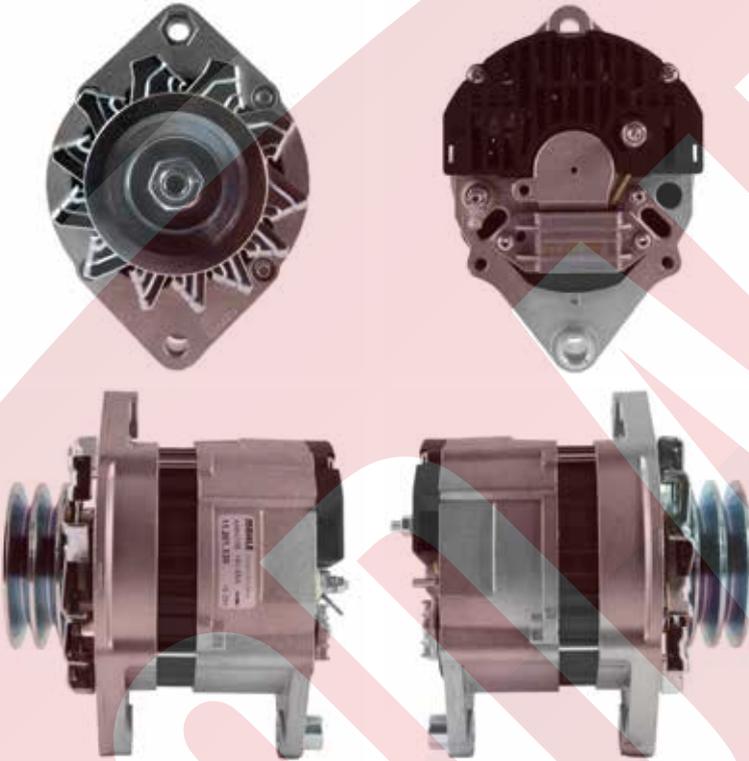
IA0330

AAK4156

11.201.330

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V2x85mm
Application	Fiat



MAHMG525

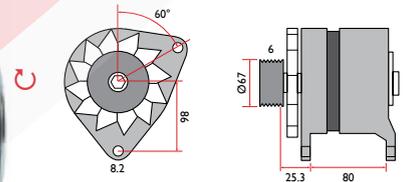
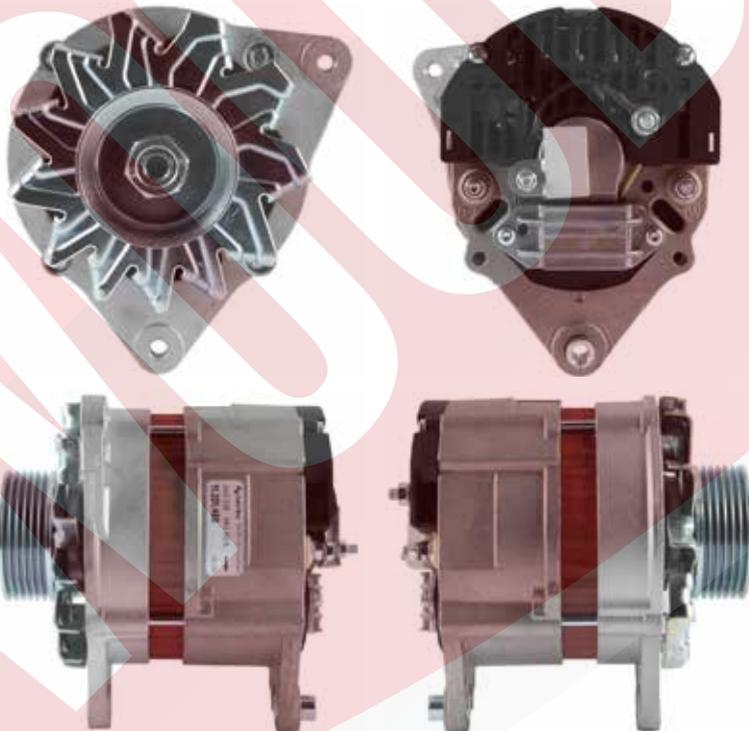
IA0480

AAK1338

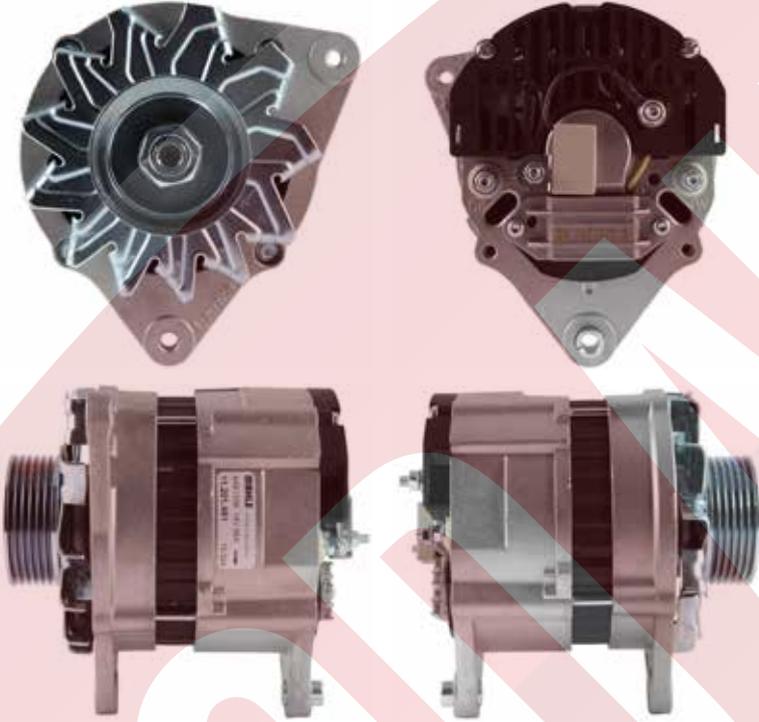
11.201.480

SPECIFICATION:

Voltage	12V
Amperage	45A
Rotation	CW
Pulley	PV6x67mm
Application	New Holland
Notes	Dust-proof



Mahle Original Alternators



MAHMG526

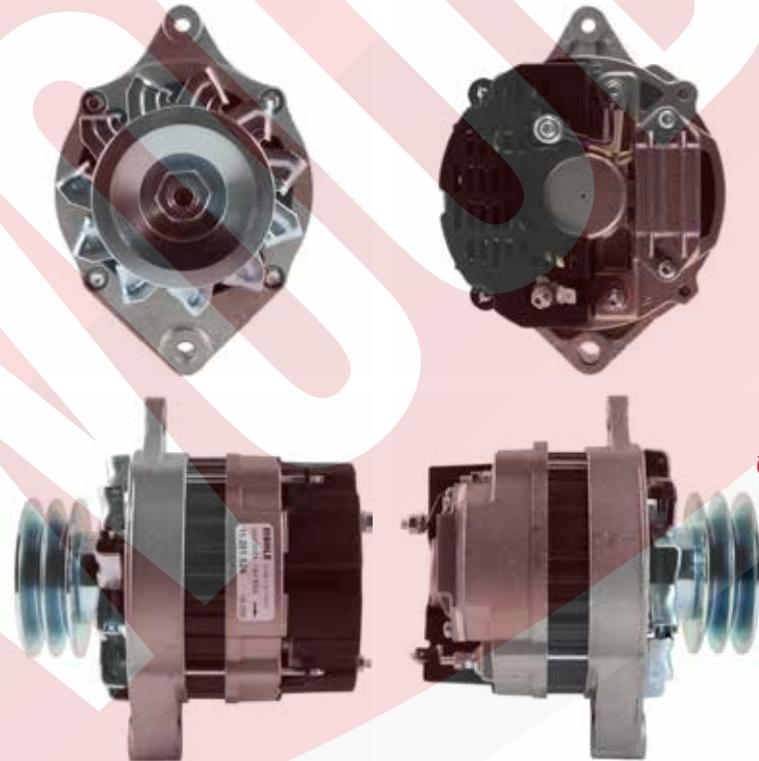
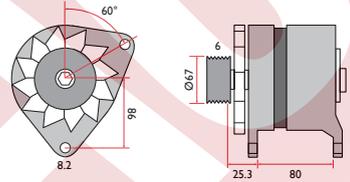
IA0481

AAK1339

11.201.481

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley PV6x67mm
 Application Ford New Holland
 Notes Dust-proof



MAHMG530

IA0524

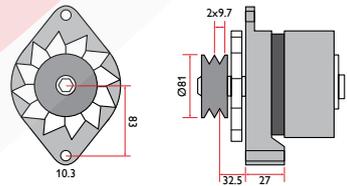
AAK3584

11.201.524

ALT14280 (Valeo version)

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V2x81mm
 Application MF, Renault



Mahle Original Alternators

MAHMG535

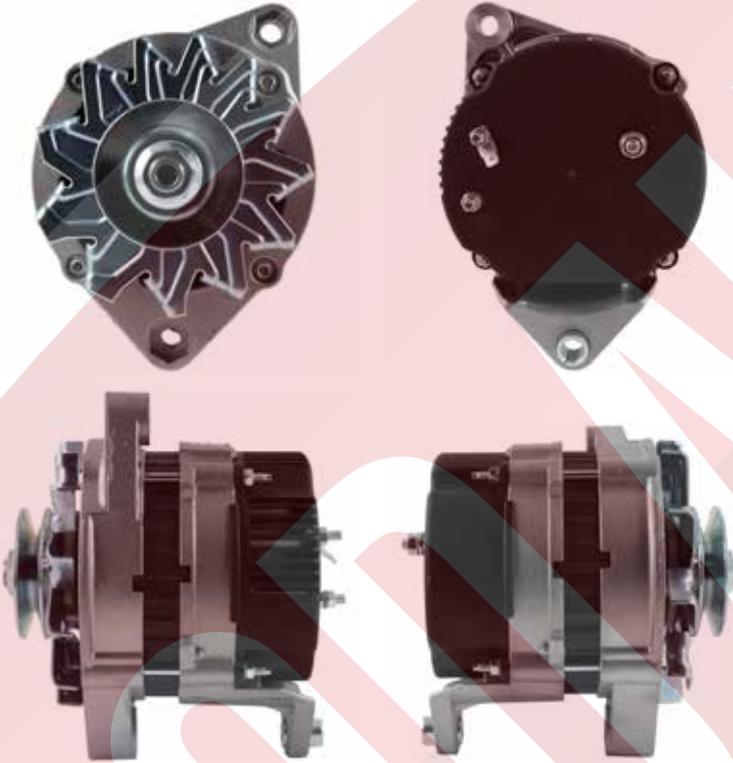
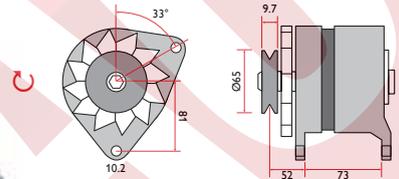
IA0405

AAK3529

11.201.405

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x65mm
Application	BCS



MAHMG539

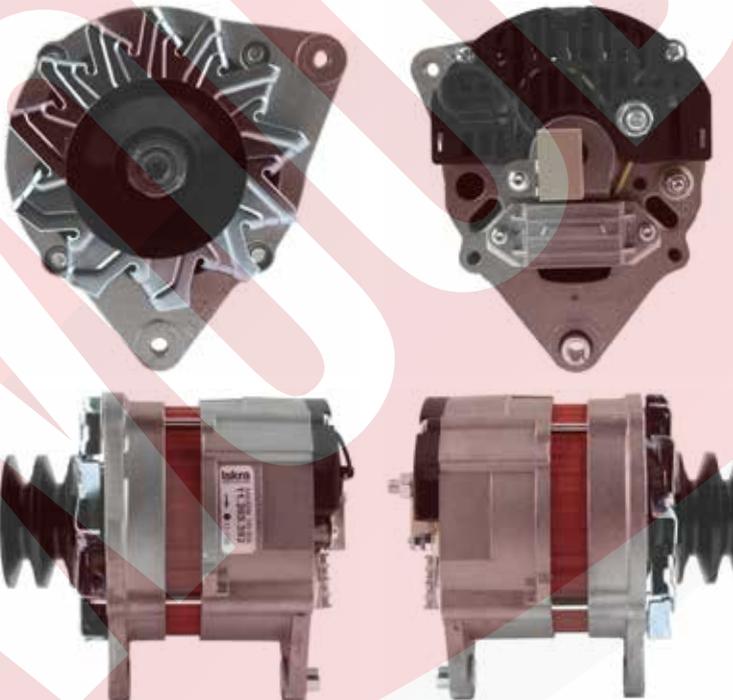
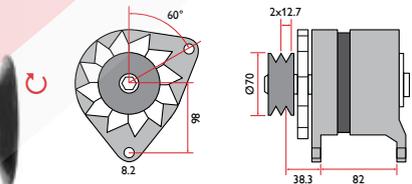
IA0984

AAK4344

11.203.392

SPECIFICATION:

Voltage	12V
Amperage	80A
Rotation	CW
Pulley	V2x70mm
Application	Massey Ferguson
Notes	Dust-proof



Mahle Original Alternators

MAHMG540

IA1152

AAK3166

11.203.298

SPECIFICATION:

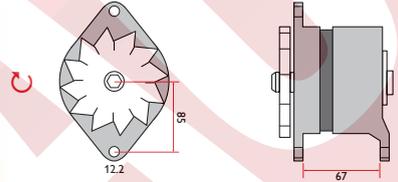
Voltage 12V

Amperage 80A

Rotation CW

Pulley Not fitted

Application Deutz-Fahr, Same



MAHMG541

IA0983

AAK4345

11.203.393

SPECIFICATION:

Voltage 12V

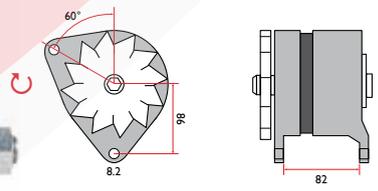
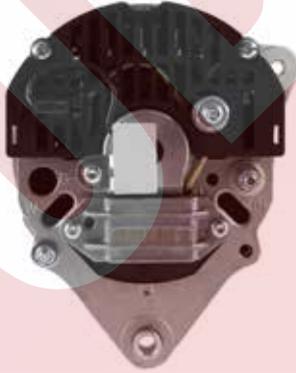
Amperage 80A

Rotation CW

Pulley Not fitted

Application Agco, MF

Notes Dust-proof



MAHMG547

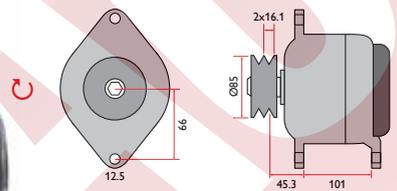
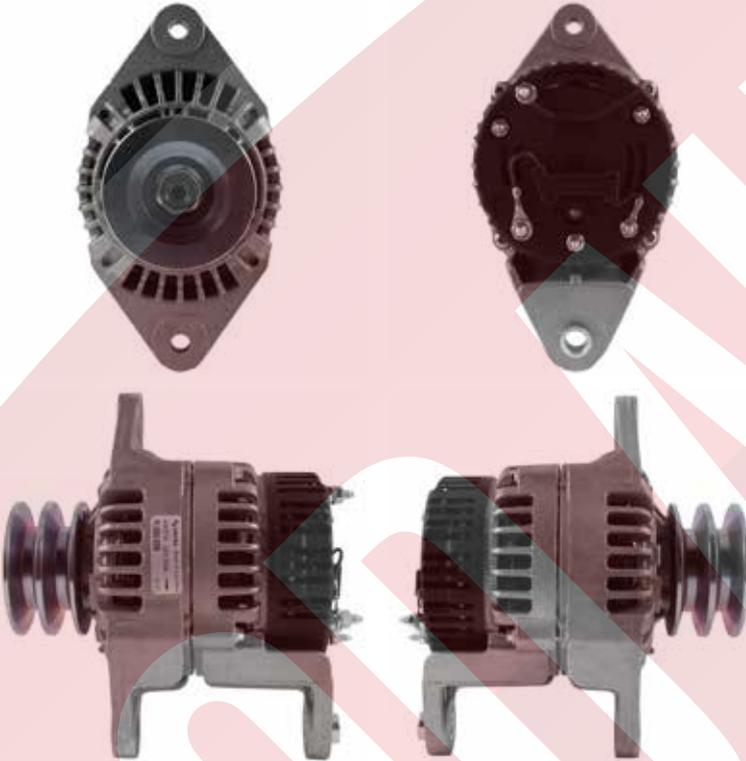
IA0761

AAK5714

11.203.570

SPECIFICATION:

Voltage	24V
Amperage	50A
Rotation	CW
Pulley	V2x85mm
Application	Daewoo
Notes	Dust-proof



MAHMG548

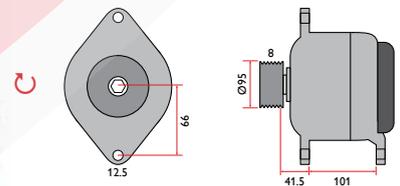
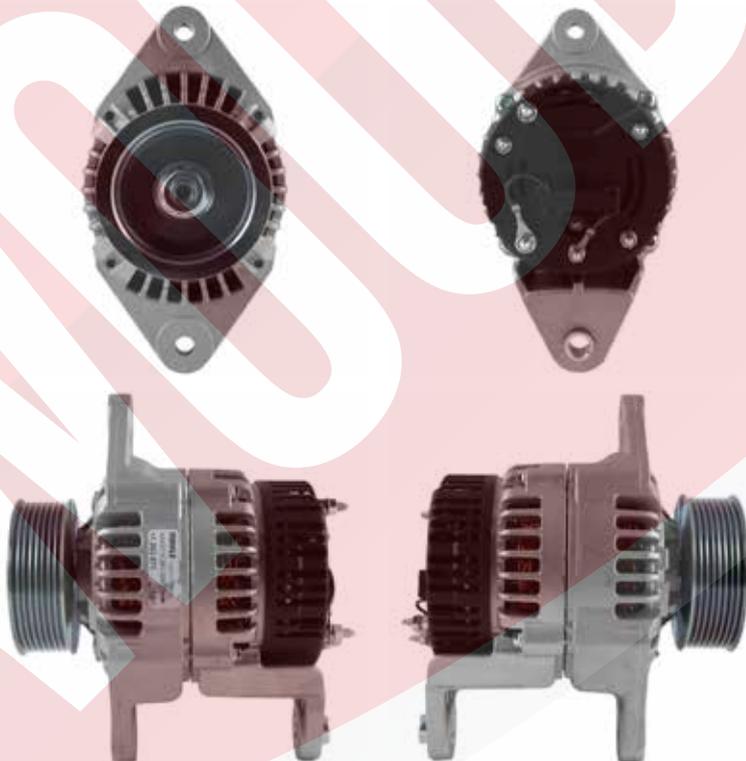
IA0762

AAK5715

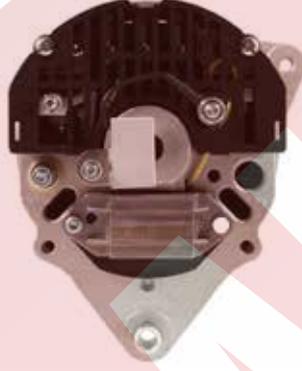
11.203.571

SPECIFICATION:

Voltage	24V
Amperage	50A
Rotation	CW
Pulley	PV8x95mm
Application	Daewoo
Notes	Dust-proof



Mahle Original Alternators



MAHMG550

IA1373

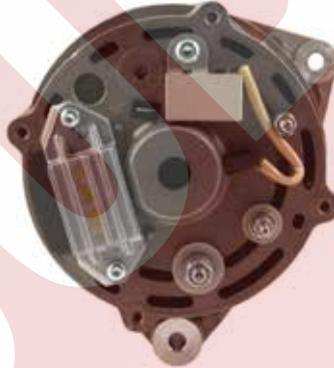
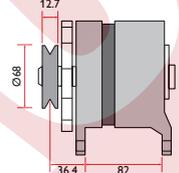
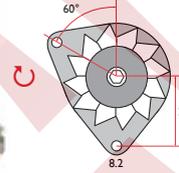
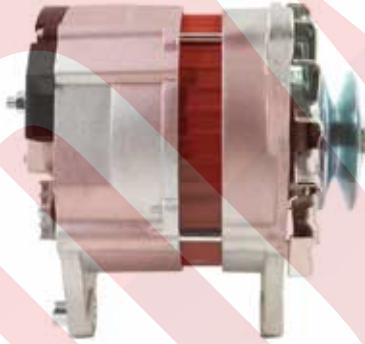
AAK1857

11.203.790

ALT16067 (Lucas version)

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	V1x68mm
Application	Agco, New Holland, MF
Notes	Dust-proof



MAHMG554

IA1079

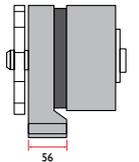
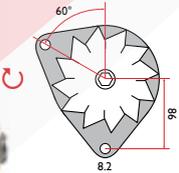
AAK4348

11.203.404

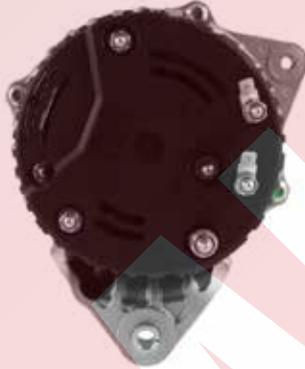
ALT20020 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	35A
Rotation	CW
Pulley	Not fitted
Application	Atlas, Liebherr, Wirtgen
Notes	Dust-proof



Mahle Original Alternators



MAHMG560

IA1204

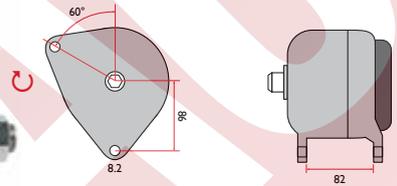
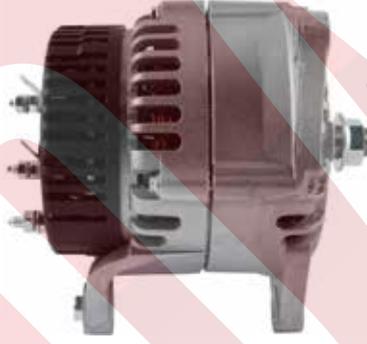
AAK5580

11.203.433

ALT12029 (Denso version)

SPECIFICATION:

Voltage	12V
Amperage	100A
Rotation	CW
Pulley	Not fitted
Application	Farmtrac, JCB, Terex
Notes	Dust-proof



MAHMG561

IA1286

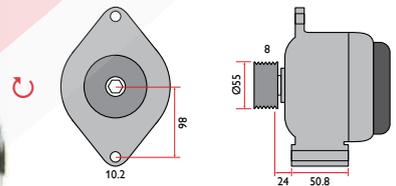
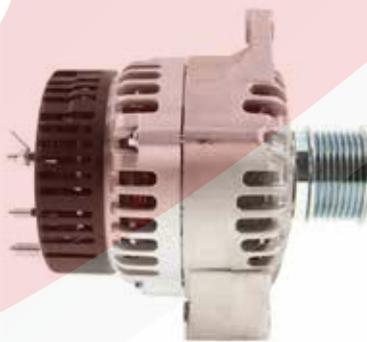
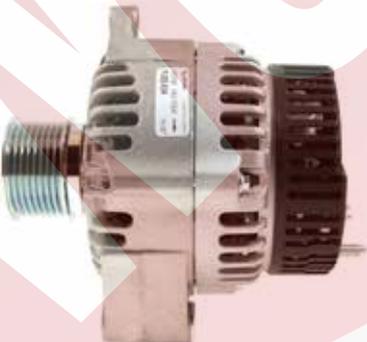
AAK5581

11.203.434

ALT20703 (Iskra version)

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	PV8x55mm
Application	New Holland
Notes	Dust-proof



Mahle Original Alternators



MAHMG562

IA1203

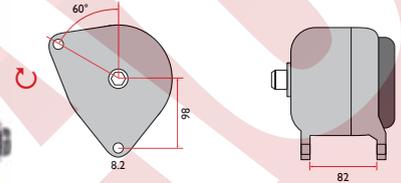
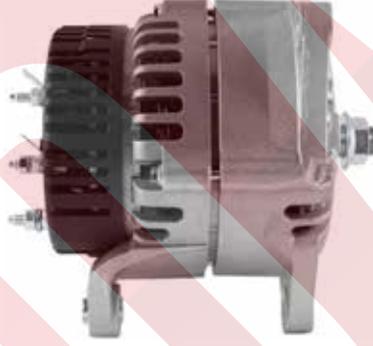
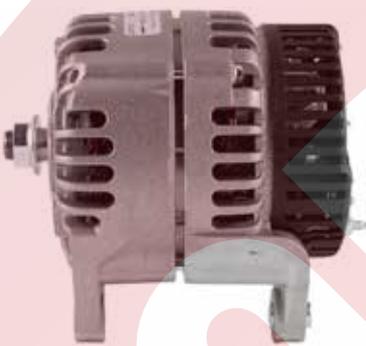
AAK5384

11.203.175

ALT12102 (Denso version)

SPECIFICATION:

Voltage 12V
 Amperage 120A
 Rotation CW
 Pulley Not fitted
 Application Erkunt, Hattat, MF
 Notes Dust-proof



MAHMG566

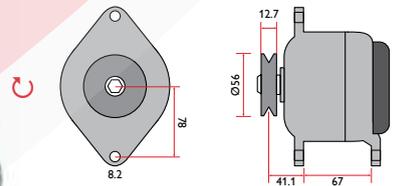
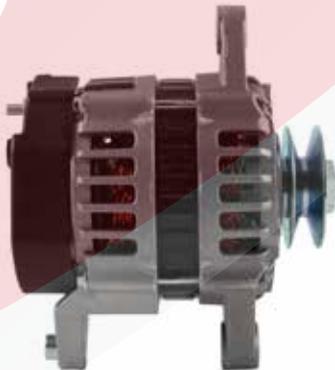
IA1393

AAG5119

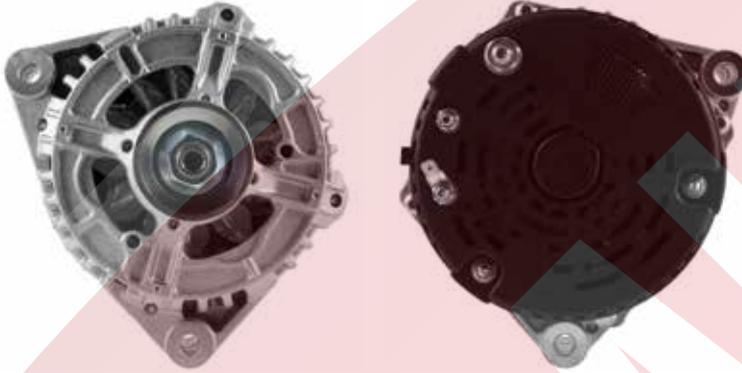
11.203.767

SPECIFICATION:

Voltage 12V
 Amperage 75A
 Rotation CW
 Pulley V1x56mm
 Application Goldoni
 Notes Dust-proof



Mahle Original Alternators



MAHMG570

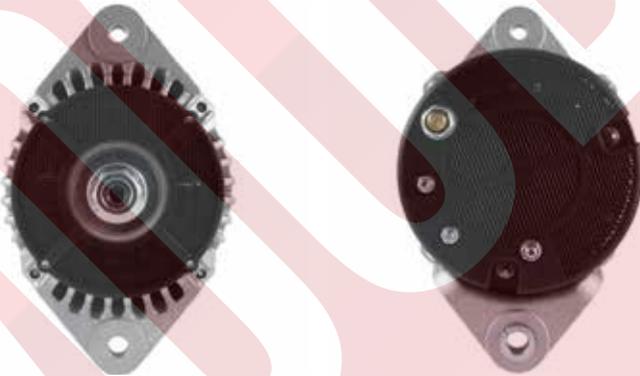
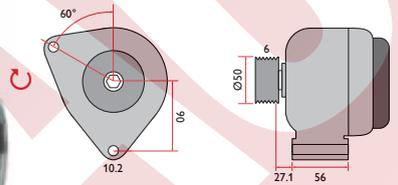
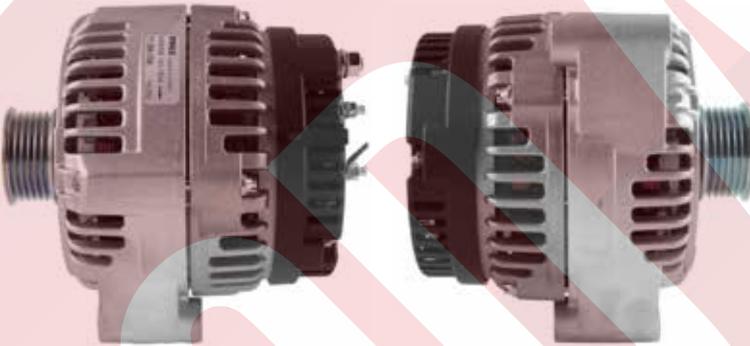
IA1044

AAN5309

11.204.150

SPECIFICATION:

Voltage	12V
Amperage	150A
Rotation	CW
Pulley	PV6x50mm
Application	Claas
Notes	Dust-proof



MAHMG575

IA1169

AAN5318

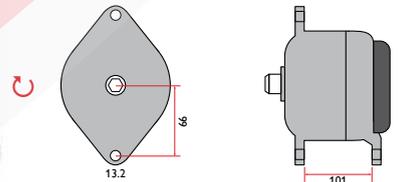
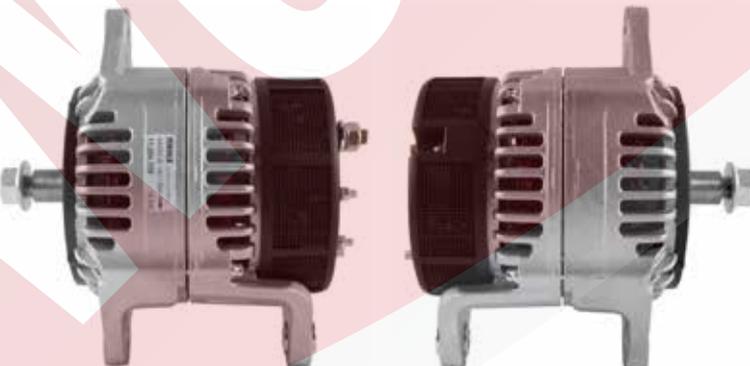
11.204.159

ALT20042 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	150A
Rotation	CW
Pulley	Not fitted
Application	Case, New Holland
Notes	With trash screen

Dust-proof



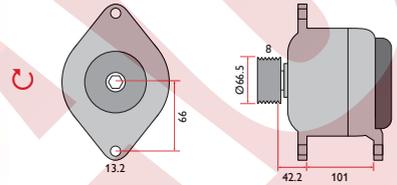
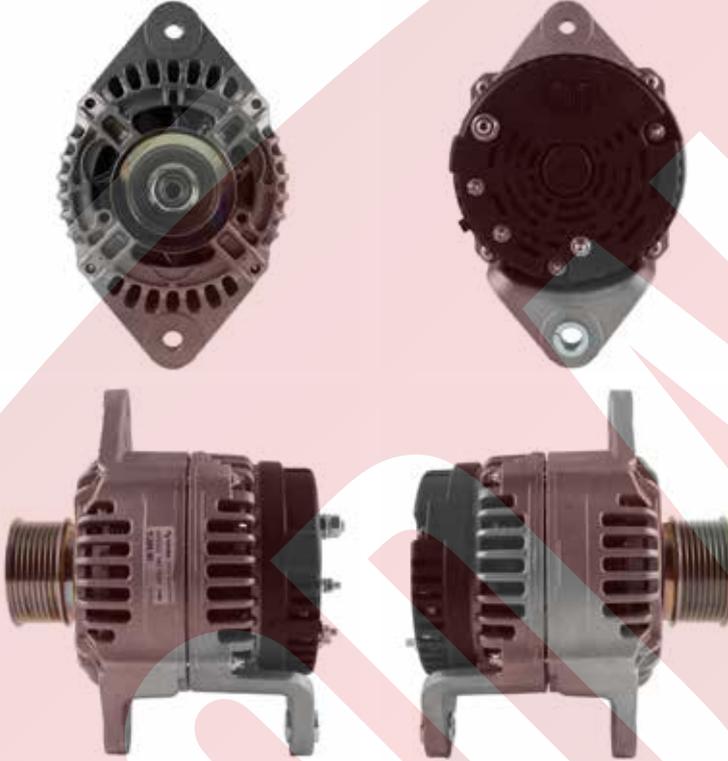
Mahle Original Alternators

MAHMG577

IA1126 AAN5320 11.204.161
PRE8LHA2071VA (Leece Neville version)

SPECIFICATION:

Voltage 12V
Amperage 150A
Rotation CW
Pulley PV8x67mm
Application Agco
Notes Dust-proof

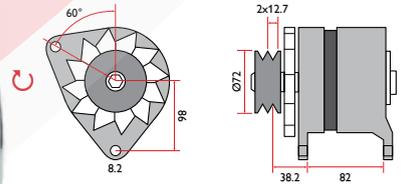
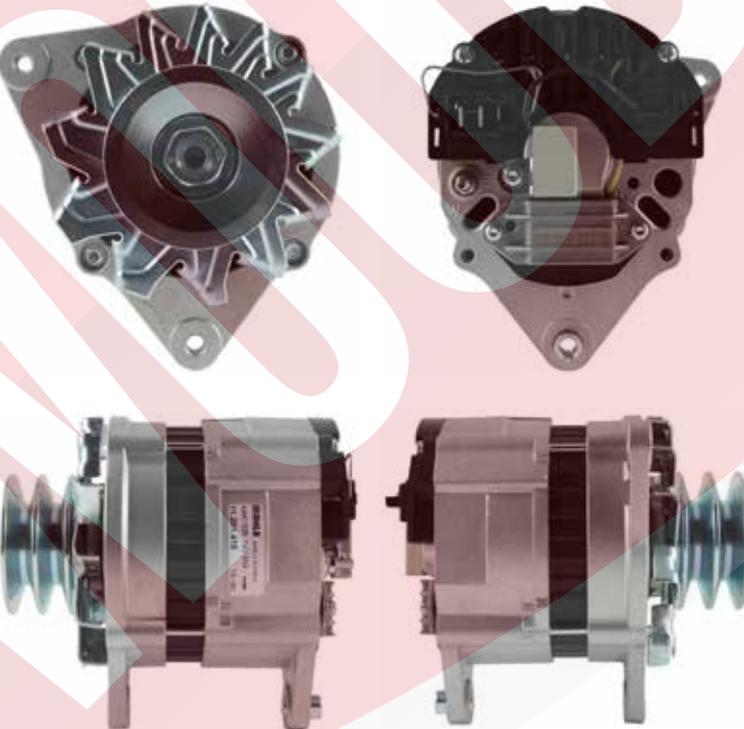


MAHMG590

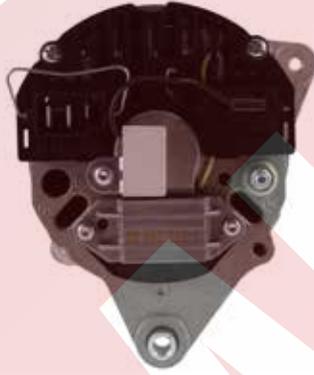
IA0415 AAK1329 11.201.415

SPECIFICATION:

Voltage 12V
Amperage 65A
Rotation CW
Pulley V2x72mm
Application Landini
Notes Dust-proof



Mahle Original Alternators



MAHMG592

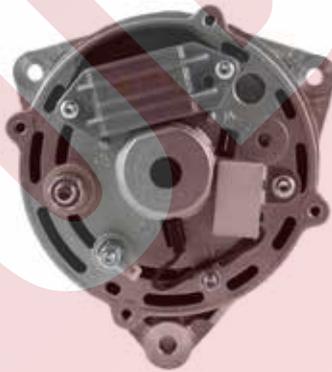
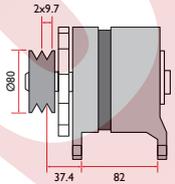
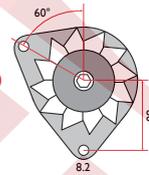
IA0676

AAK1358

11.201.676

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V2x80mm
Application	Landini
Notes	Dust-proof



MAHMG592

IA1153

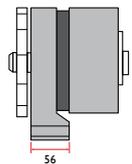
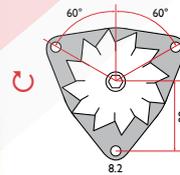
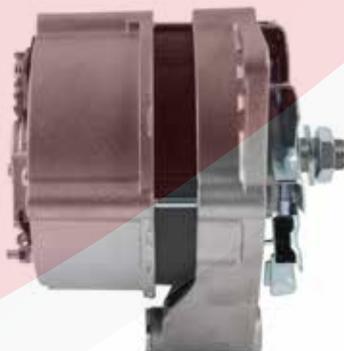
AAK4322

11.203.333

ALT10387 (Bosch version)

SPECIFICATION:

Voltage	12V
Amperage	120A
Rotation	CW
Pulley	Not fitted
Application	Deutz-Fahr, Fendt
Notes	Dust-proof



Mahle Original Alternators

MAHMG599

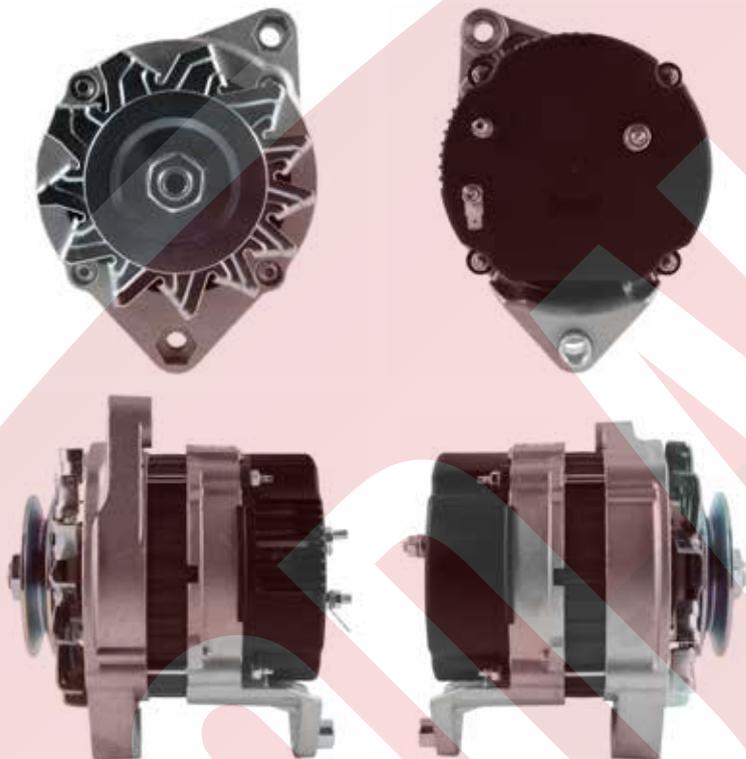
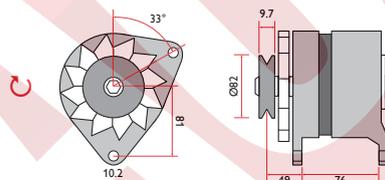
IA1046

AAK3156

11.203.158

SPECIFICATION:

Voltage 12V
 Amperage 80A
 Rotation CW
 Pulley V1x82mm
 Application Agritalia (Carraro)



MAHMG604

IA0499

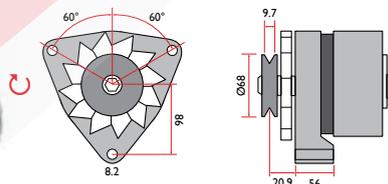
AAK4351

11.203.415

ALT10121 (Bosch version)

SPECIFICATION:

Voltage 12V
 Amperage 65A
 Rotation CW
 Pulley V1x68mm
 Application Claas, Fendt, IH, Steyr
 Notes MG210 is 80A version
 Dust-proof



Mahle Original Alternators

MAHMG605

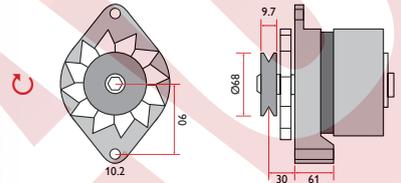
IA0497

AAK1399

11.201.804

SPECIFICATION:

Voltage	12V
Amperage	55A
Rotation	CW
Pulley	V1x68mm
Application	UTB (Rom)
Notes	Dust-proof



MAHMG607

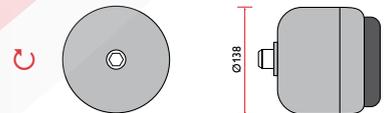
IA0484

AAK2302

11.201.484

SPECIFICATION:

Voltage	12V
Amperage	80A
Rotation	CW
Pulley	Not fitted
Application	Ahlmann, Atlas, Dynapac
Notes	Dust-proof



Mahle Original Alternators

MAHMG610

IA1565

AAN5835

11.204.403

SPECIFICATION:

Voltage 12V

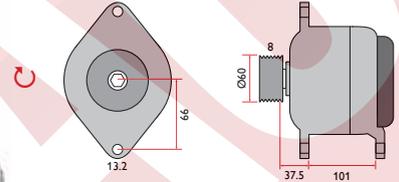
Amperage 200A

Rotation CW

Pulley PV8x60mm

Application Claas

Notes Dust-proof



MAHMG626

IA0226

AAK4620

11.204.880

SPECIFICATION:

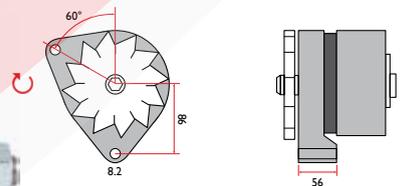
Voltage 12V

Amperage 65A

Rotation CW

Pulley Not fitted

Application Deutz-Fahr, Marshall



Mahle Original Alternators

MAHMG627

IA0069

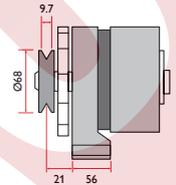
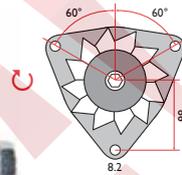
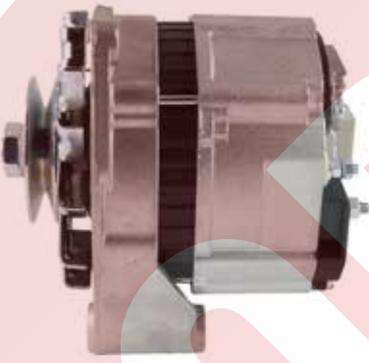
AAK1115

11.201.069

ALT20027 (Bosch version)

SPECIFICATION:

Voltage	24V
Amperage	35A
Rotation	CW
Pulley	V1x68mm
Application	.O&K, Poclairn



MAHMG657

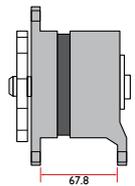
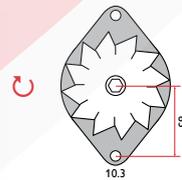
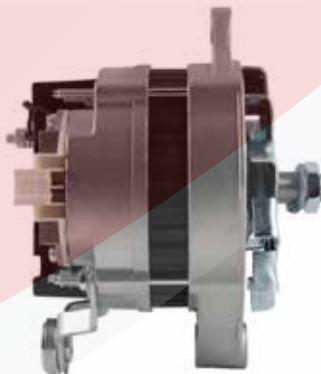
IA0476

AAK3568

11.201.476

SPECIFICATION:

Voltage	12V
Amperage	65A
Rotation	CW
Pulley	Not fitted
Application	Renault



Mahle Original Alternators

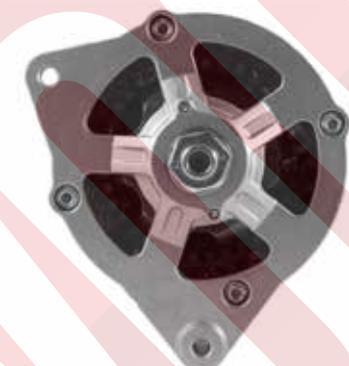
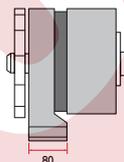
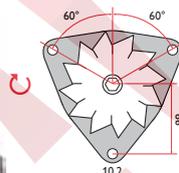
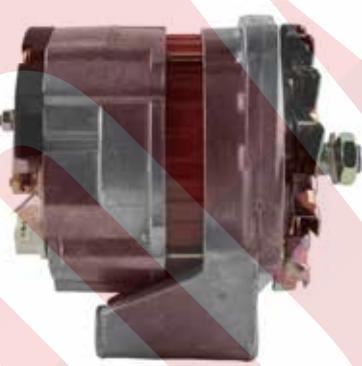
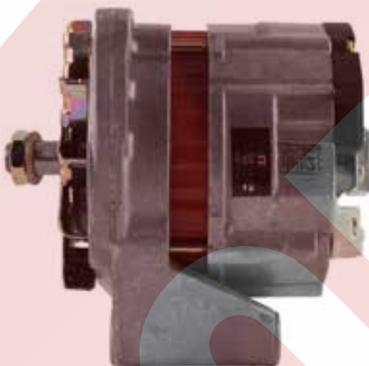


MAHMG658

IA0525 AAK1229 11.201.525
ALT10118 (Bosch version)

SPECIFICATION:

Voltage 24V
Amperage 35A
Rotation CW
Pulley Not fitted
Application Kaelble

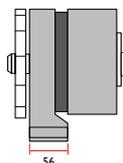
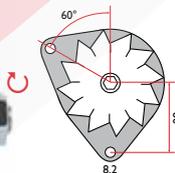
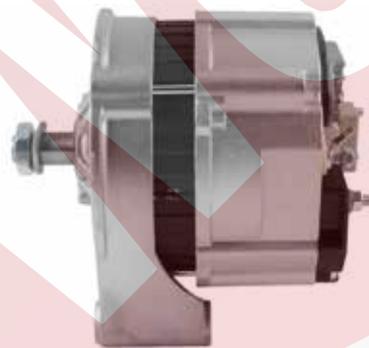


MAHMG659

IA0570 AAK4624 11.204.884
ALT20021 (Bosch version)

SPECIFICATION:

Voltage 12V
Amperage 65A
Rotation CW
Pulley Not fitted
Application Deutz-Fahr
Notes MG314 is 95A version
Dust-proof



Mahle Original Alternators

MAHMG692

IA1381

AAK4939

11.204.695

SPECIFICATION:

Voltage 12V

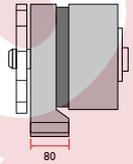
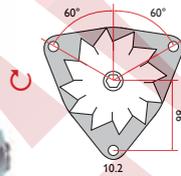
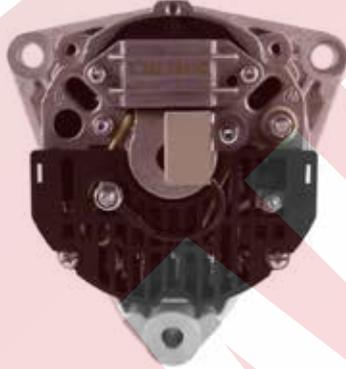
Amperage 55A

Rotation CW

Pulley Not fitted

Application Massey Ferguson

Notes Dust-proof



Mahle Original Starter Motors



MAHMS4

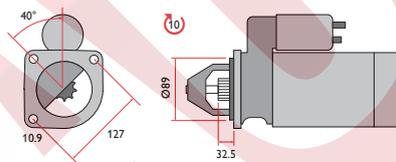
IS1098

AZE4214

11.131.984

SPECIFICATION:

Voltage 12V
 Kilowatt 3.2kW
 Teeth 10
 Rotation CW
 Application Case, Landini, MF



MAHMS22

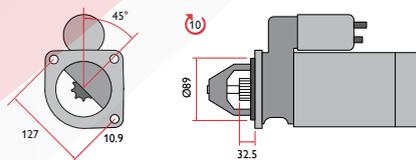
IS1200

AZF4304

11.132.118

SPECIFICATION:

Voltage 12V
 Kilowatt 4.2kW
 Teeth 10
 Rotation CW
 Application Massey Ferguson



Mahle Original Starter Motors

MAHMS24

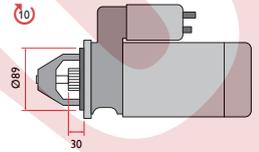
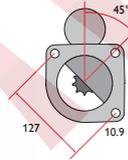
IS1189

AZE4194

11.131.921

SPECIFICATION:

Voltage	12V
Kilowatt	3.2kW
Teeth	10
Rotation	CW
Application	Case, New Holland



MAHMS25

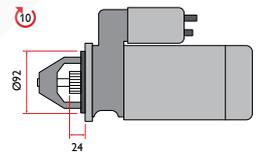
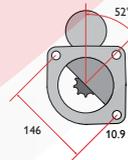
IS1016

AZF4183

11.131.705

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	10
Rotation	CW
Application	Case, New Holland



Mahle Original Starter Motors



MAHMS27

IS1073

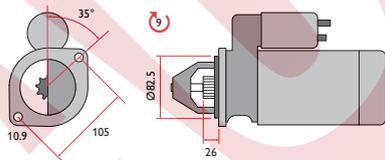
AZE6554

11.131.948

STR22075 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 2.6kW
 Teeth 9
 Rotation CW
 Application Deutz engines



MAHMS30

IS1072

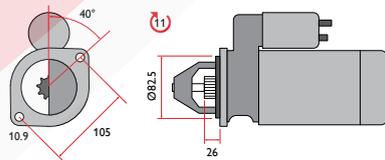
AZE4202

11.131.951

STR22027 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 3.2kW
 Teeth 11
 Rotation CW
 Application Ahlmann, Vermeer



Mahle Original Starter Motors

MAHMS34

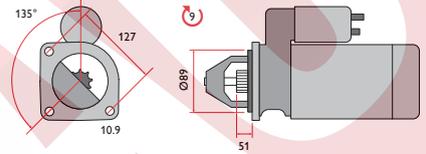
IS1297

AZE4205

11.131.957

SPECIFICATION:

Voltage	12V
Kilowatt	3.2kW
Teeth	9
Rotation	CW
Application	Zetor



MAHMS37

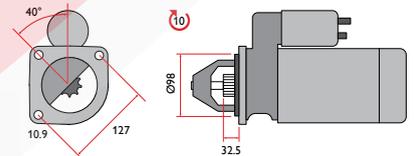
IS1221

AZF4254

11.131.930

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	10
Rotation	CW
Application	Claas



Mahle Original Starter Motors



MAHMS43

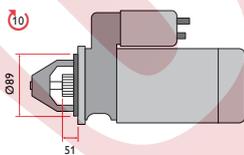
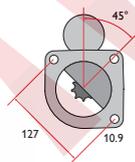
IS1133

AZF4228

11.131.856

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application Claas, Renault



MAHMS45

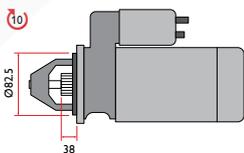
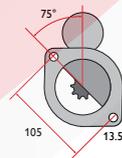
IS1055

AZF4253

11.131.929

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 10
Rotation CW
Application Claas, Renault



Mahle Original Starter Motors

MAHMS49

IS0631

AZJ3205

11.130.631

STR25025 (Lucas version)

SPECIFICATION:

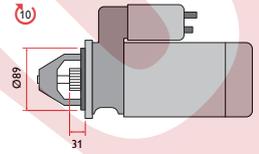
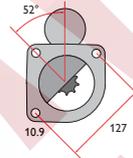
Voltage 12V

Kilowatt 2.7kW

Teeth 10

Rotation CW

Application Massey Ferguson



MAHMS51

IS0630

AZJ3347

11.130.972

STR25027 (Lucas version)

SPECIFICATION:

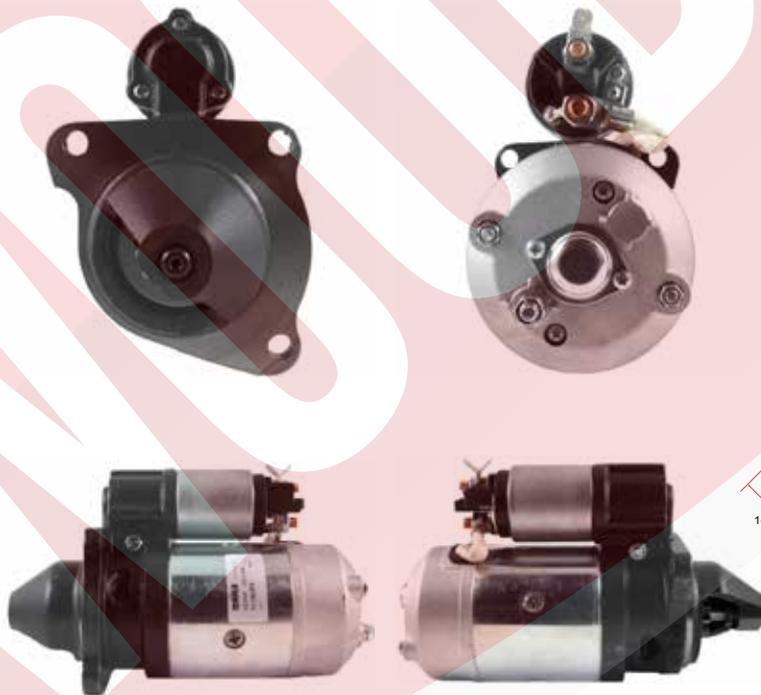
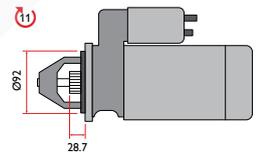
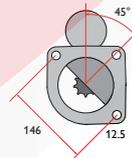
Voltage 12V

Kilowatt 2.7kW

Teeth 11

Rotation CW

Application Case, David Brown, MF



Mahle Original Starter Motors

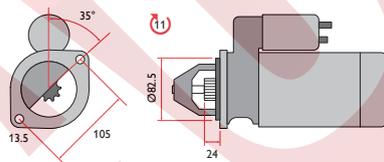


MAHMS58

IS0201 AZJ3537 11.130.201
STR50155 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 11
Rotation CW
Application Agco, SDF

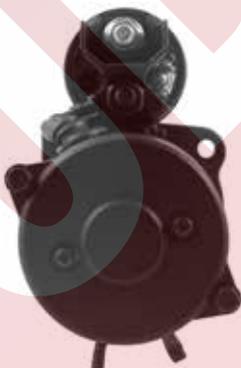
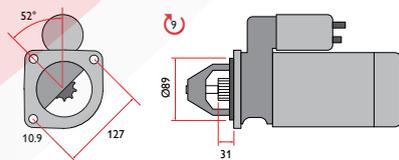


MAHMS65

IS1254 AZF4197 11.131.769
STR22078 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 4.0kW
Teeth 9
Rotation CW
Application . Claas, Deutz-Fahr, Fendt



Mahle Original Starter Motors

MAHMS66

IS1255

AZF4198

11.131.770

STR22117 (Bosch version)

SPECIFICATION:

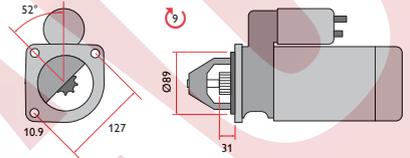
Voltage 24V

Kilowatt 4.0kW

Teeth 9

Rotation CW

Application Deutz engines



MAHMS67

IS1237

AZF4229

11.131.862

STR50271 (Bosch version)

SPECIFICATION:

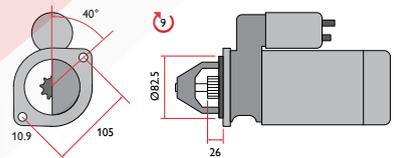
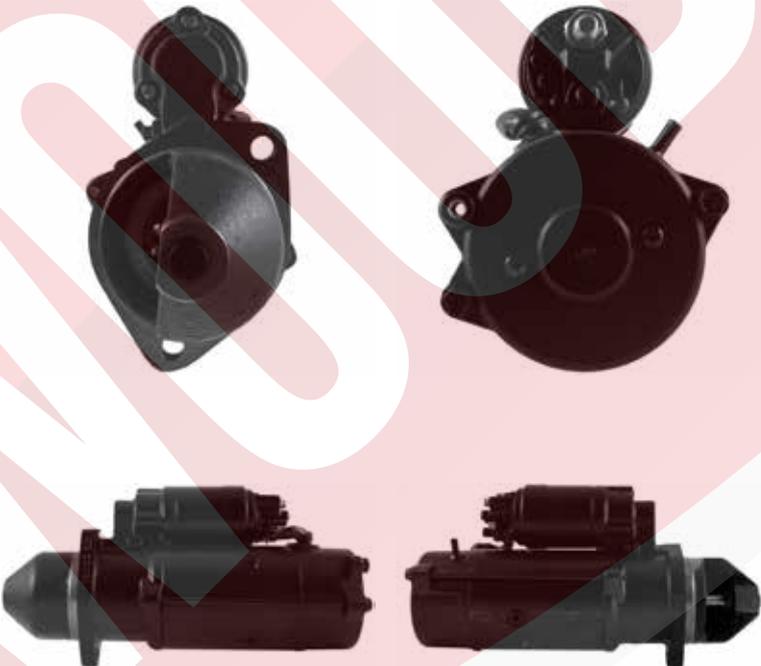
Voltage 12V

Kilowatt 4.0kW

Teeth 9

Rotation CW

Application JCB, Deutz engines



Mahle Original Starter Motors

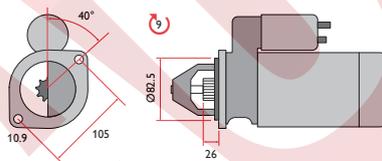


MAHMS68

IS1236 AZF4230 11.131.863
STR50079 (Bosch version)

SPECIFICATION:

Voltage 24V
Kilowatt 4.0kW
Teeth 9
Rotation CW
Application Deutz engines

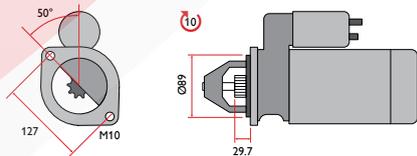
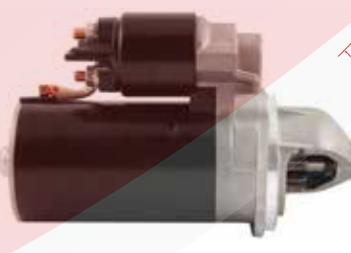
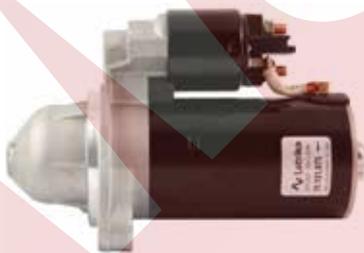


MAHMS74

IS1275 AZE2231 11.131.873

SPECIFICATION:

Voltage 12V
Kilowatt 2.0kW
Teeth 10
Rotation CW
Application JCB, Gehl, Kramer
Notes Dust-proof



Mahle Original Starter Motors



MAHMS78

IS1263

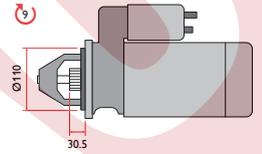
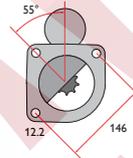
AZE6531

11.131.603

STR50218 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.6kW
Teeth	9
Rotation	CW
Application	Case, Fiat, New Holland



MAHMS79

IS1262

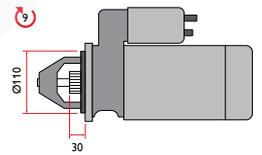
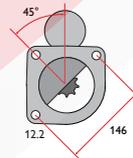
AZF4155

11.131.604

STR22029 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	9
Rotation	CW
Application	Ford New Holland



Mahle Original Starter Motors

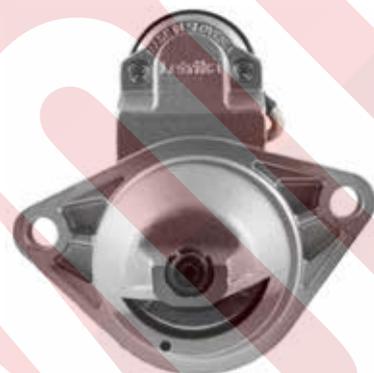
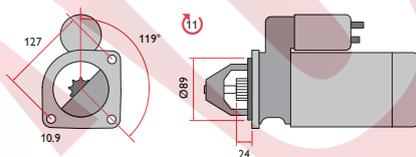


MAHMS84

IS1105 AZF4224 11.131.848
STR60624 (Iskra version)

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 11
Rotation CW
Application JCB

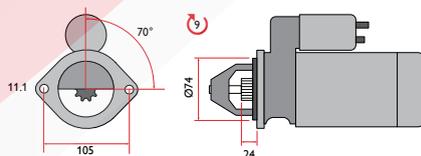
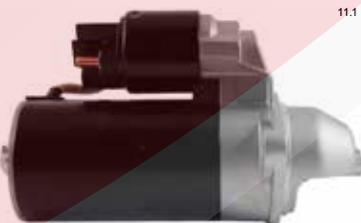
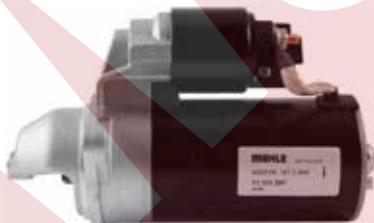


MAHMS86

IS1101 AZE2155 11.131.267
STR22059 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.0kW
Teeth 9
Rotation CW
Application JCB, Weidemann



Mahle Original Starter Motors



MAHMS89

IS0793

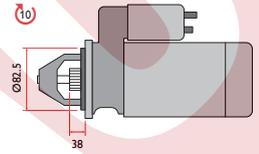
AZF4596

11.131.374

STR22079 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.4kW
Teeth	10
Rotation	CW
Application	John Deere, Renault



MAHMS91

IS0897

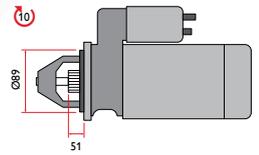
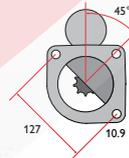
AZJ3405

11.131.249

STR31000 (Lucas version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	10
Rotation	CW
Application	Case, MF, Valtra
Notes	MS175 is GR version



Mahle Original Starter Motors

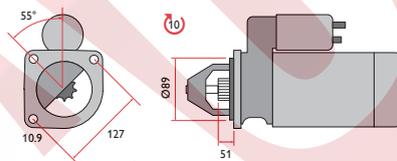


MAHMS94

IS1063 AZF4597 11.131.375
STR60621 (Iskra version)

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application John Deere, MF

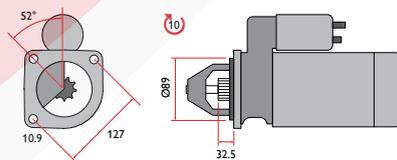


MAHMS95

IS1273 AZJ3447 11.131.635
STR25019 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 10
Rotation CW
Application Massey Ferguson



Mahle Original Starter Motors



MAHMS101

IS1077

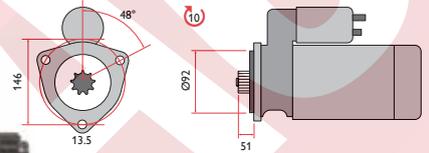
AZF4691

11.131.839

STR70310 (Denso version)

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	10
Rotation	CW
Application	Case
Notes	Offset drive end bracket Oil-sealed



MAHMS107

IS0618

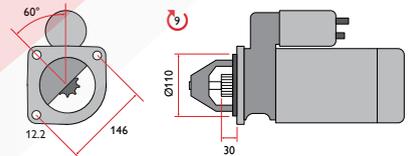
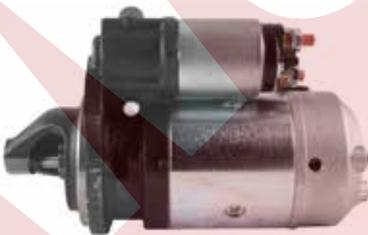
AZJ3195

11.130.618

STR52050 (Marelli version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CW
Application	Fiat, Goldoni, UTB



Mahle Original Starter Motors



MAHMS108

IS0619

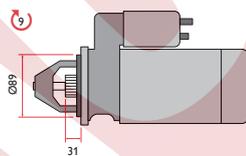
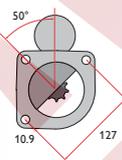
AZJ3196

11.130.619

STR22120 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 3.7kW
 Teeth 9
 Rotation CW
 Application Deutz, Fahr
 Notes MS446 is GR version



MAHMS110

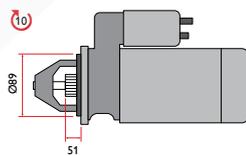
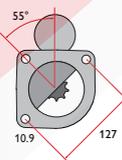
IS1070

AZF4562

11.131.191

SPECIFICATION:

Voltage 12V
 Kilowatt 4.2kW
 Teeth 10
 Rotation CW
 Application Claas



Mahle Original Starter Motors

MAHMS111

IS1071

AZF4569

11.131.228

SPECIFICATION:

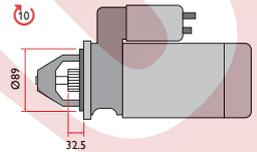
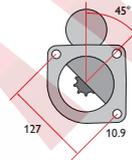
Voltage..... 12V

Kilowatt..... 3.0kW

Teeth..... 10

Rotation..... CW

Application..... Claas, MF, Valtra



MAHMS117

IS1089

AZF4577

11.131.300

SPECIFICATION:

Voltage..... 12V

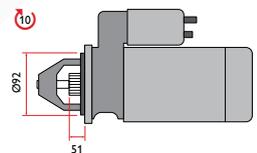
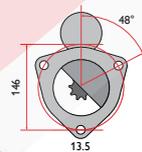
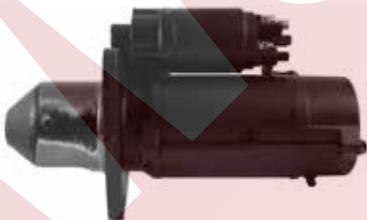
Kilowatt..... 4.2kW

Teeth..... 10

Rotation..... CW

Application..... Case

Notes..... Offset drive end bracket



Mahle Original Starter Motors

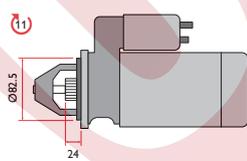
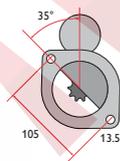
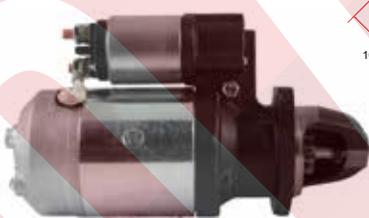


MAHMS137

IS1033 AZJ3386 11.131.140
STR22040 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 11
Rotation CW
Application Hatz engines

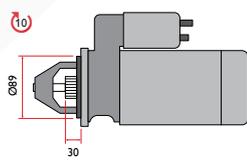
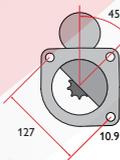


MAHMS138

IS0999 AZF4122 11.131.464

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application CNH, Landini, Steyr



Mahle Original Starter Motors



MAHMS140

IS1149

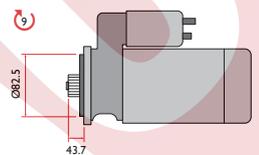
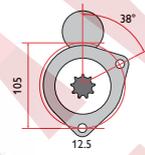
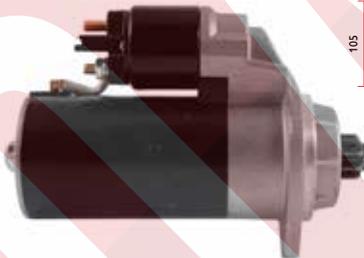
AZE2662

11.131.527

STR60696 (Iskra version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.0kW
Teeth	9
Rotation	CW
Application	Ahlmann, Bomag
Notes	Offset drive end bracket



MAHMS148

IS1090

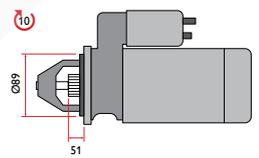
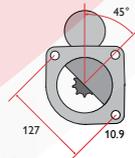
AZE4253

11.132.180

STR22053 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.2kW
Teeth	10
Rotation	CW
Application	Cummins engines



Mahle Original Starter Motors

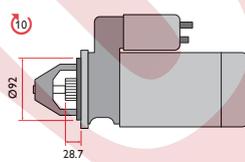
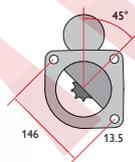


MAHMS149

IS0632 AZJ3206 11.130.632
STR25010 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.8kW
Teeth 10
Rotation CW
Application Massey Ferguson

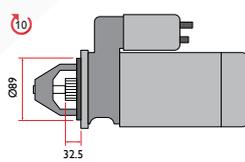
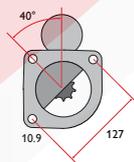


MAHMS151

IS1023 AZF4545 11.131.077

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application Massey Ferguson



Mahle Original Starter Motors

MAHMS152

IS1018

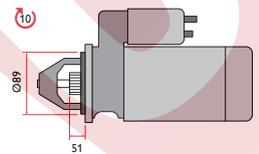
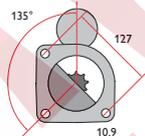
AZJ3364

11.131.038

STR25014 (Lucas version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	10
Rotation	CW
Application	Case, IH
Notes	MS170 is GR version



MAHMS168

IS1109

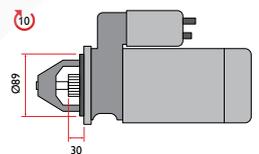
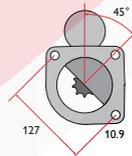
AZF4346

11.132.260

STR50579 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	10
Rotation	CW
Application	CNH, Steyr



Mahle Original Starter Motors

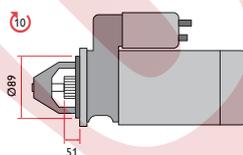
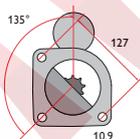


MAHMS170

IS1315 AZE4217 11.132.010
STR25014 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.2kW
Teeth 10
Rotation CW
Application Case, IH

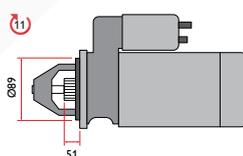
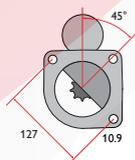


MAHMS175

IS0836 AZF4369 11.132.356
STR50592 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 11
Rotation CW
Application . . . Case, MF, Valtra, Zetor



Mahle Original Starter Motors

MAHMS177

IS0364

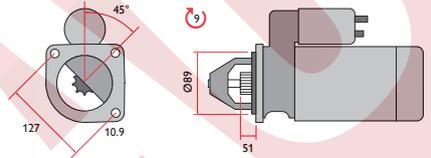
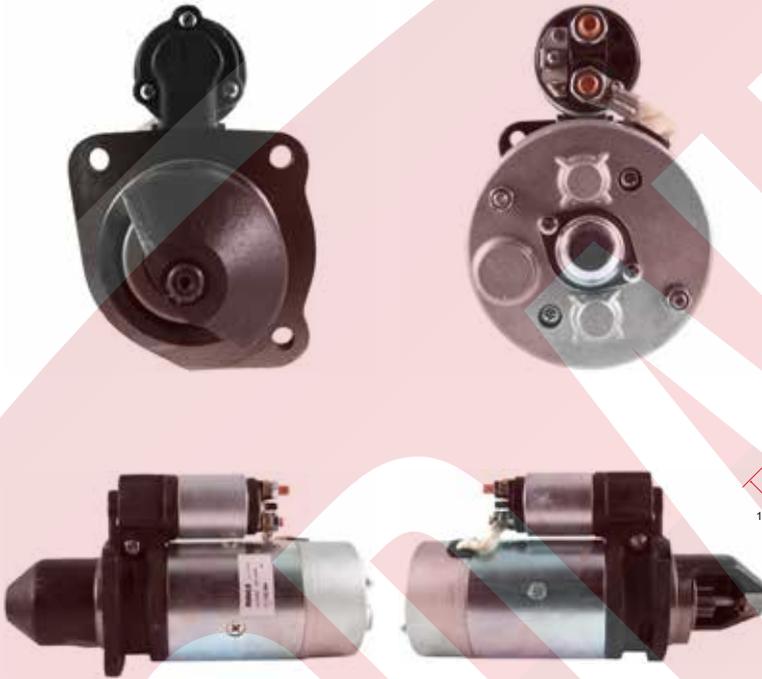
AZJ3593

11.130.364

STR22049 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	9
Rotation	CW
Application	Fiat-Allis



MAHMS184

IS0179

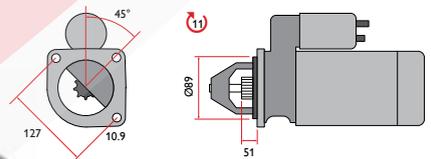
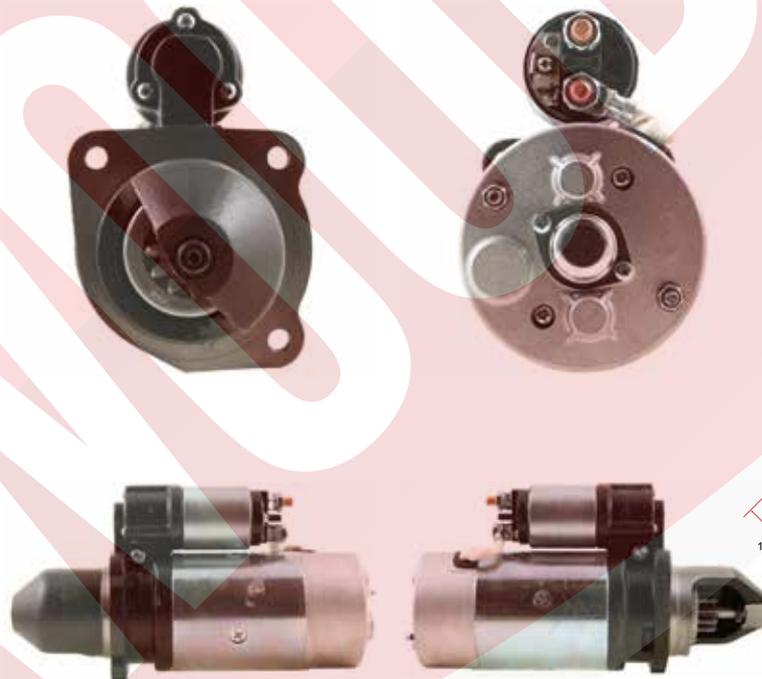
AZJ3525

11.130.179

STR31000 (Lucas version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	11
Rotation	CW
Application	Ursus, Valtra, Zetor
Notes	MS235 is GR version



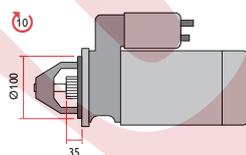
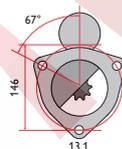
Mahle Original Starter Motors

MAHMS185

IS0436 AZJ3124 11.130.436
STR60408 (Magnetron version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 10
Rotation CW
Application Minsk (Belarus)
Notes Offset drive end bracket

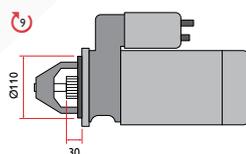
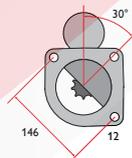


MAHMS186

IS0490 AZJ3131 11.130.490
STR22010 (Bosch version)

SPECIFICATION:

Voltage 24V
Kilowatt 4.0kW
Teeth 9
Rotation CW
Application Benfra, Fiat



Mahle Original Starter Motors

MAHMS187

IS0500

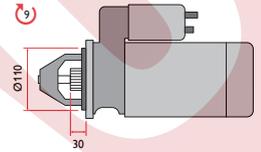
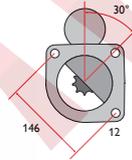
AZJ3137

11.130.500

STR50056 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CW
Application	Fiat



MAHMS190

IS0432

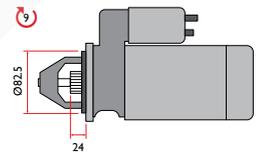
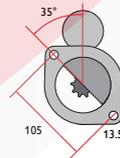
AZJ3123

11.130.432

STR22114 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CW
Application	Agritalia, Goldoni, Lanz



Mahle Original Starter Motors

MAHMS192

IS0409

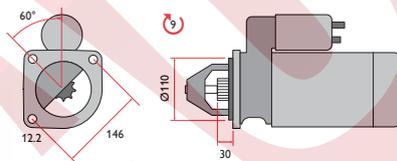
AZJ3115

11.130.409

STR61200 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 9
Rotation CW
Application UTB (Rom)



MAHMS193

IS0412

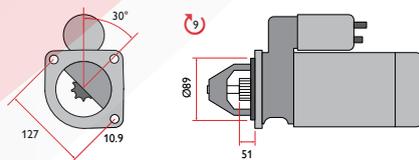
AZJ3118

11.130.412

STR22007 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 9
Rotation CW
Application Claas



Mahle Original Starter Motors

MAHMS194

ISO402

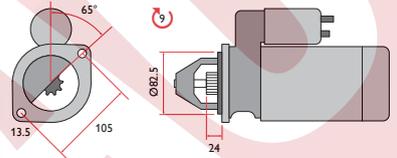
AZJ3109

11.130.402

STR22092 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	9
Rotation	CW
Application	Goldoni, Muzzi



MAHMS195

ISO403

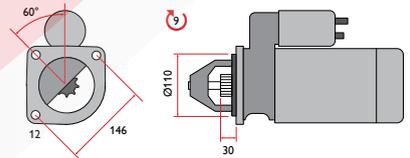
AZJ3110

11.130.403

STR50110 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	9
Rotation	CW
Application	Agrifull, Fiat, CNH



Mahle Original Starter Motors

MAHMS212

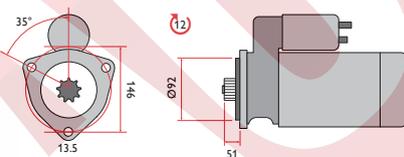
IS1259

AZG4813

11.132.020

SPECIFICATION:

Voltage 24V
 Kilowatt 6.5kW
 Teeth 12
 Rotation CW
 Application John Deere



MAHMS214

IS1344

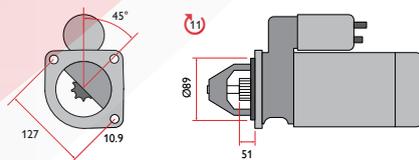
AZF4327

11.132.189

STR22071 (Bosch version)

SPECIFICATION:

Voltage 24V
 Kilowatt 4.0kW
 Teeth 11
 Rotation CW
 Application Agco, Valtra



Mahle Original Starter Motors

MAHMS219

IS0565

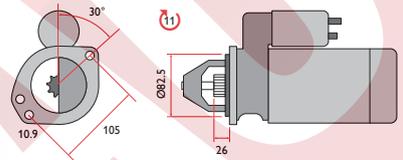
AZJ3177

11.130.565

STR22035 (Bosch version)

SPECIFICATION:

Voltage	.....	12V
Kilowatt	.....	2.7kW
Teeth	.....	11
Rotation	.....	CW
Application	.....	Gehl



MAHMS220

IS0552

AZJ3170

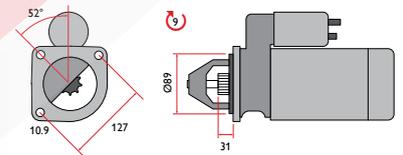
11.130.552

STR50591 (Bosch)

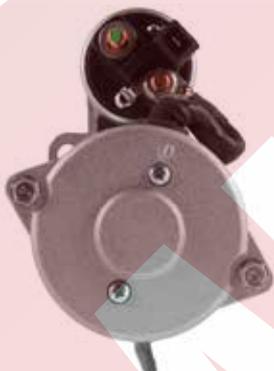
STR54093 (Valeo)

SPECIFICATION:

Voltage	.....	12V
Kilowatt	.....	3.0kW
Teeth	.....	9
Rotation	.....	CW
Application	.....	Deutz engines
Notes	.....	MS446 is GR version



Mahle Original Starter Motors

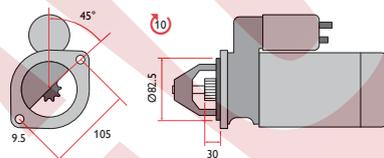
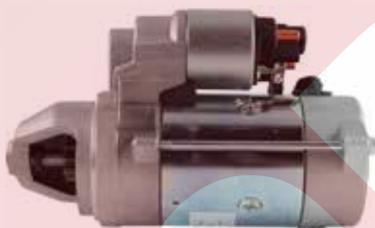


MAHMS221

IS1154 AZE6544 11.131.750
STR50452 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.6kW
Teeth 10
Rotation CW
Application John Deere
Notes Dust-proof

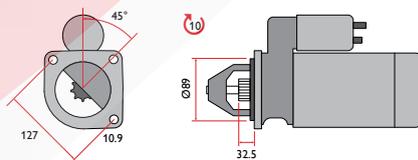


MAHMS225

IS1019 AZF4315 11.132.149

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application Massey Ferguson



Mahle Original Starter Motors

MAHMS228

IS0624

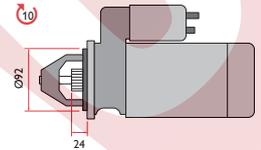
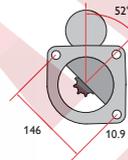
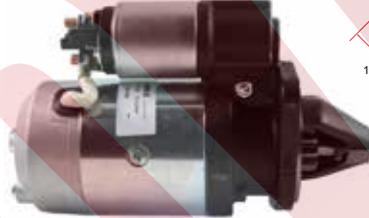
AZJ3198

11.130.624

STR25031 (Lucas version)

SPECIFICATION:

Voltage 12V
 Kilowatt 2.7kW
 Teeth 10
 Rotation CW
 Application Ford New Holland
 Notes MS291 is GR version



MAHMS232

IS0842

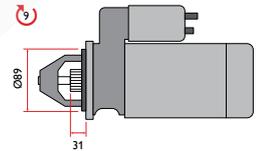
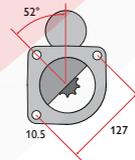
AZF4515

11.130.842

STR22117 (Bosch version)

SPECIFICATION:

Voltage 24V
 Kilowatt 4.0kW
 Teeth 9
 Rotation CW
 Application Deutz engines



Mahle Original Starter Motors



MAHMS235

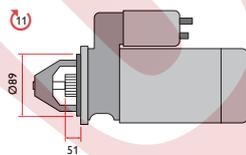
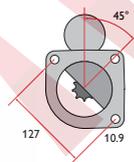
IS1303

AZE4230

11.132.101

SPECIFICATION:

Voltage 12V
Kilowatt 3.2kW
Teeth 11
Rotation CW
Application . . . Case, MF, Valtra, Zetor



MAHMS237

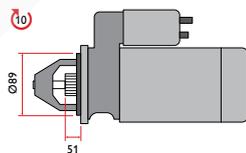
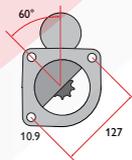
IS0745

AZJ3426

11.131.388

SPECIFICATION:

Voltage 24V
Kilowatt 4.0kW
Teeth 10
Rotation CW
Application John Deere
Notes Dust-proof



Mahle Original Starter Motors



MAHMS241

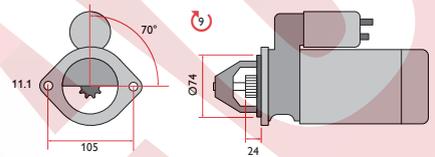
IS1100

AZE2156

11.131.265

SPECIFICATION:

Voltage	24V
Kilowatt	2.5kW
Teeth	9
Rotation	CW
Application	JCB
Notes	Offset drive end bracket



MAHMS242

IS1140

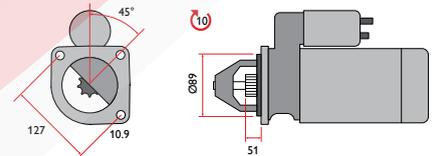
AZF4594

11.131.359

STR7150 (Delco Remy version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	10
Rotation	CW
Application	Samsung, Timberjack



Mahle Original Starter Motors

MAHMS243

IS1046

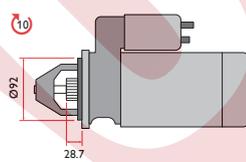
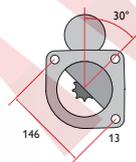
AZJ3389

11.131.162

STR25010 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 10
Rotation CW
Application Massey Ferguson



MAHMS252

IS1045

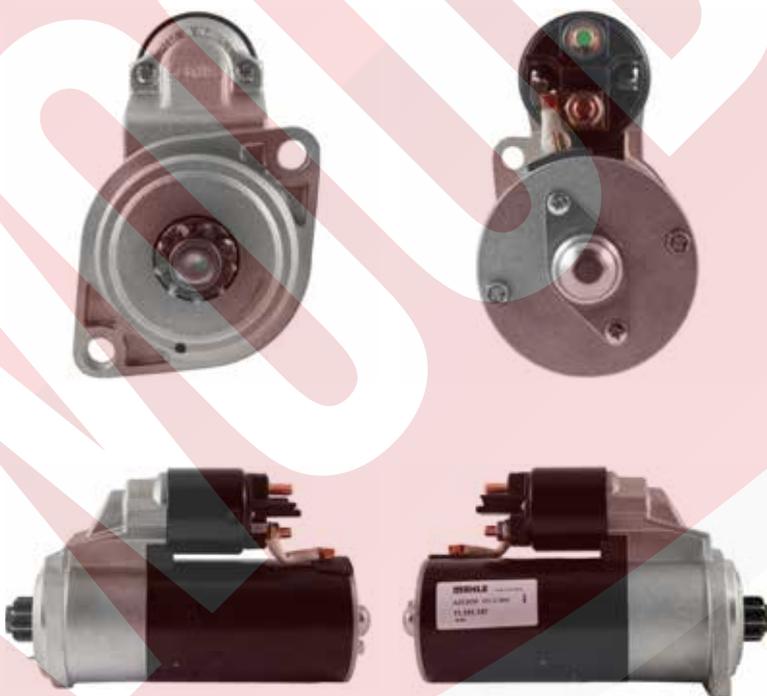
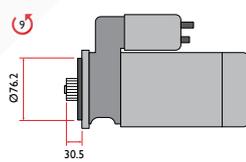
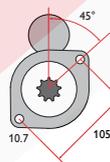
AZE2636

11.131.157

STR22118 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.0kW
Teeth 9
Rotation CCW
Application BCS, Ferrari, Goldoni



Mahle Original Starter Motors



MAHMS264

IS0569

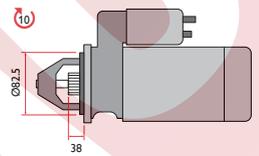
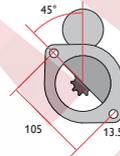
AZJ3283

11.130.819

STR22079 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	10
Rotation	CW
Application	John Deere, Renault
Notes	MS89 is GR version



MAHMS265

IS0743

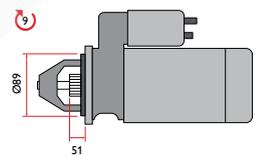
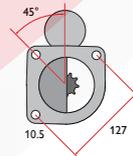
AZJ3263

11.130.743

STR22009 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	9
Rotation	CW
Application	Volvo



Mahle Original Starter Motors

MAHMS267

IS0520

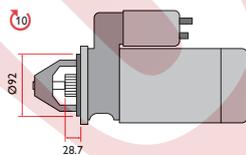
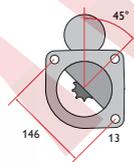
AZJ3148

11.130.520

STR25020 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 10
Rotation CW
Application Landini, MF, Renault



MAHMS268

IS0659

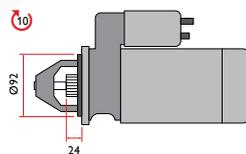
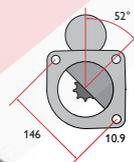
AZJ3212

11.130.659

STR60685 (Iskra GR version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.6kW
Teeth 10
Rotation CW
Application New Holland
Notes MS291 is GR version



Mahle Original Starter Motors

MAHMS271

IS0695

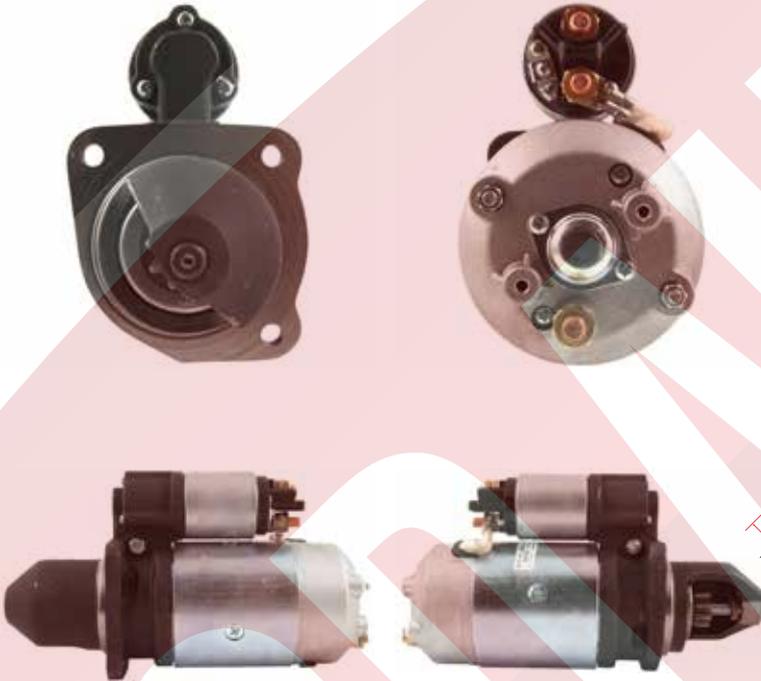
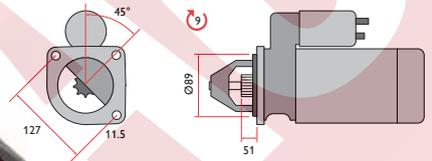
AZJ3236

11.130.695

STR50159 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	9
Rotation	CW
Application	Case
Notes	Oil sealed Offset drive end bracket



MAHMS272

IS0889

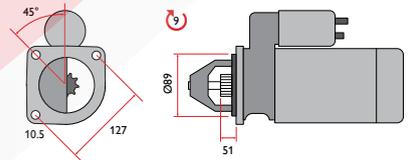
AZJ3314

11.130.889

STR22004 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CW
Application	Case, IH



Mahle Original Starter Motors

MAHMS273

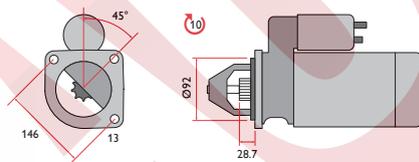
IS0890

AZJ3315

11.130.890

SPECIFICATION:

Voltage 12V
Kilowatt 2.6kW
Teeth 10
Rotation CW
Application Landini



MAHMS274

IS0548

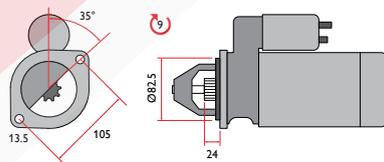
AZJ3166

11.130.548

STR50171 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 9
Rotation CW
Application Renault, Steyr



Mahle Original Starter Motors

MAHMS276

IS0895

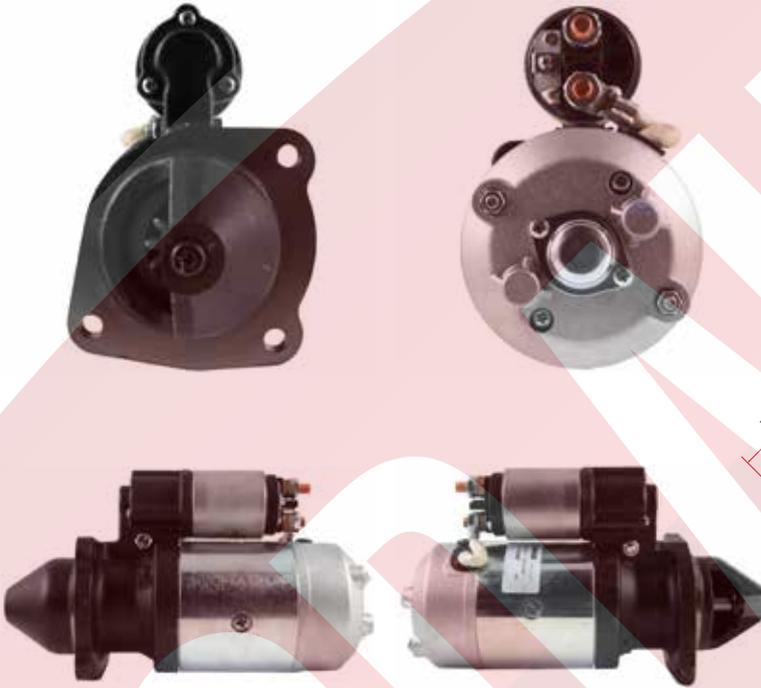
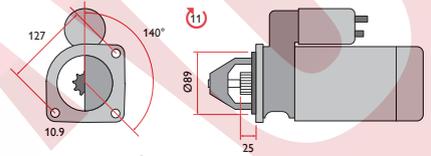
AZJ3317

11.130.895

STR50174 (Bosch version)

SPECIFICATION:

Voltage	.....	12V
Kilowatt	.....	2.7kW
Teeth	.....	11
Rotation	.....	CW
Application	.....	Case, IH



MAHMS277

IS0551

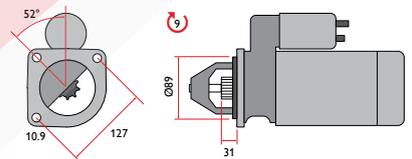
AZJ3169

11.130.551

STR50590 (Bosch version)

SPECIFICATION:

Voltage	.....	12V
Kilowatt	.....	2.7kW
Teeth	.....	9
Rotation	.....	CW
Application	.....	Deutz engines
Notes	.....	MS446 is GR version



Mahle Original Starter Motors



MAHMS278

IS0366

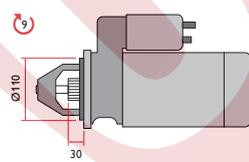
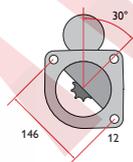
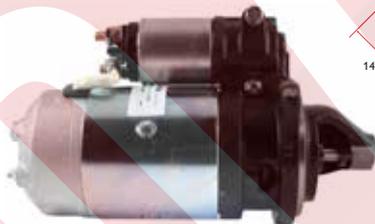
AZJ3237

11.130.697

STR52022 (Marelli version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 9
Rotation CW
Application Fiat, New Holland



MAHMS280

IS0751

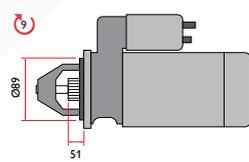
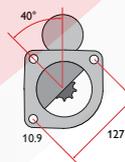
AZJ3269

11.130.751

STR50158 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 9
Rotation CW
Application Lamborghini, Steyr



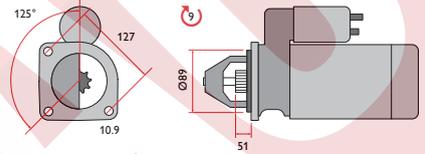
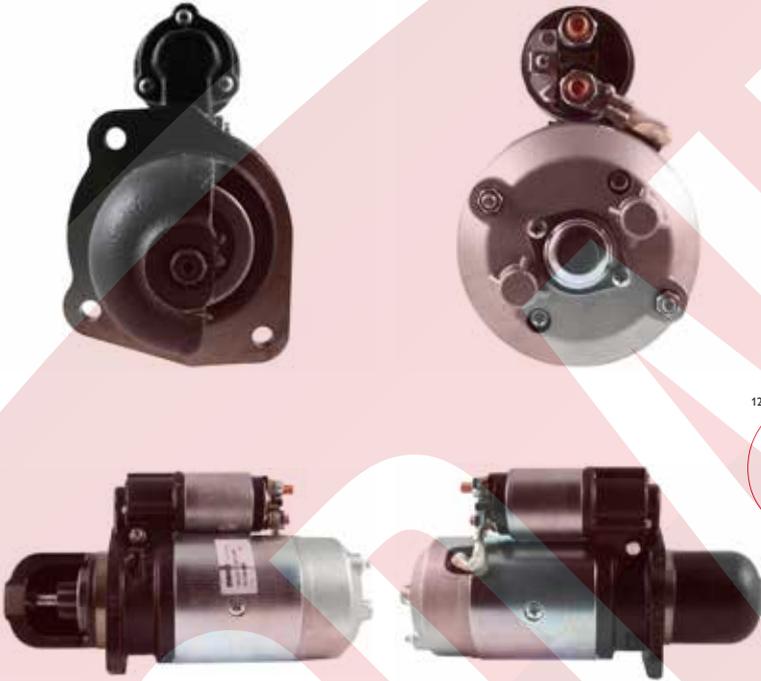
Mahle Original Starter Motors

MAHMS281

IS0863 AZJ3301 11.130.863
STR31004 (Magnetron version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.1kW
Teeth 9
Rotation CW
Application Ursus, Valtra, Zetor

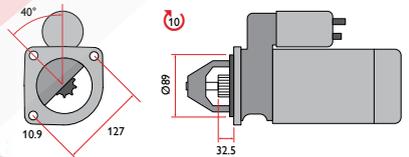


MAHMS282

IS0872 AZJ3305 11.130.872

SPECIFICATION:

Voltage 12V
Kilowatt 2.8kW
Teeth 10
Rotation CW
Application Landini
Notes MS395 is GR version
Water splashproof



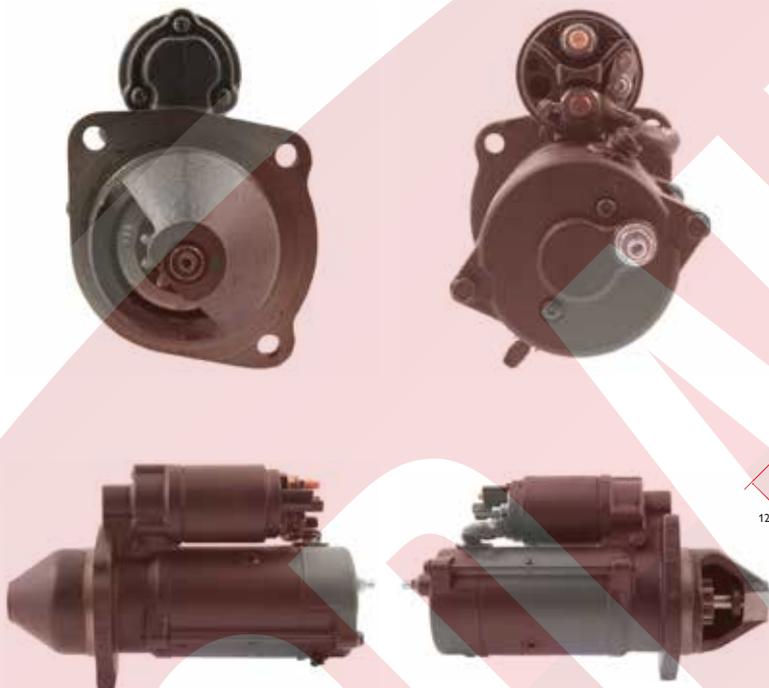
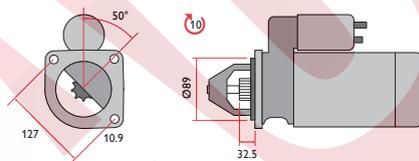
Mahle Original Starter Motors

MAHMS289

IS1195 AZE4172 11.131.780
STR60617 (Iskra) STR52055 (Denso)

SPECIFICATION:

Voltage 12V
Kilowatt 3.2kW
Teeth 10
Rotation CW
Application Massey Ferguson

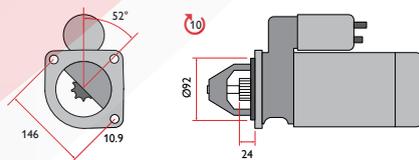


MAHMS291

IS1158 AZF4146 11.131.573
STR60685 (Iskra) STR25012 (Lucas)

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application CNH, David Brown



Mahle Original Starter Motors



MAHMS292

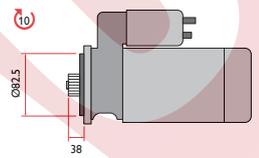
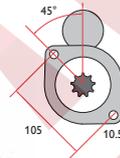
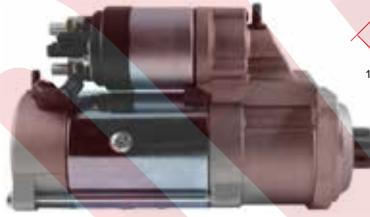
IS1103

AZE4654

11.131.788

SPECIFICATION:

Voltage	12V
Kilowatt	3.2kW
Teeth	10
Rotation	CW
Application	John Deere
Notes	Oil sealed



MAHMS293

IS1027

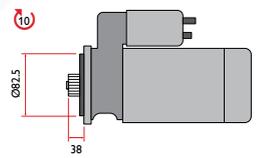
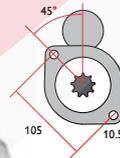
AZE4655

11.131.789

STR70007 (Denso version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.2kW
Teeth	10
Rotation	CW
Application	John Deere
Notes	Oil sealed



Mahle Original Starter Motors

MAHMS294

IS1159

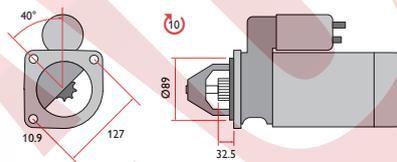
AZF4147

11.131.574

STR25013 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 4.2kW
Teeth 10
Rotation CW
Application Case, MF, Renault



MAHMS299

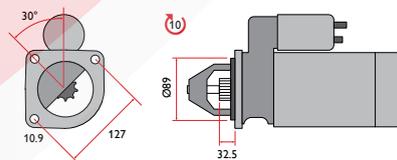
IS1233

AZE4167

11.131.731

SPECIFICATION:

Voltage 12V
Kilowatt 3.2kW
Teeth 10
Rotation CW
Application Landini, McCormick



Mahle Original Starter Motors



MAHMS300

IS0521

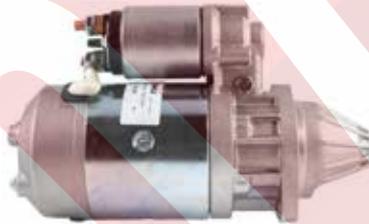
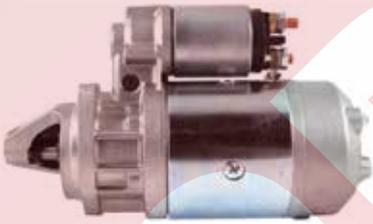
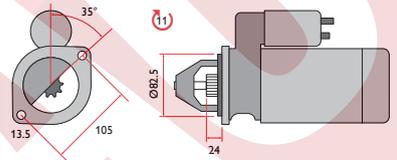
AZJ3149

11.130.521

STR50170 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	11
Rotation	CW
Application	Huerlimann, SDF



MAHMS301

IS0525

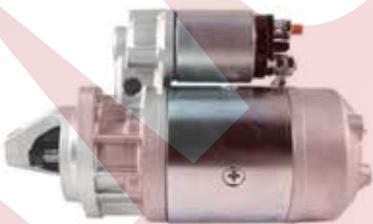
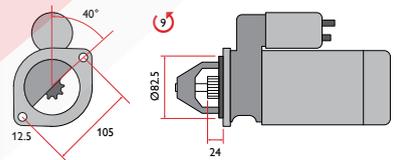
AZJ3150

11.130.525

STR22109 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CCW
Application	Agritalia, Goldoni



Mahle Original Starter Motors



MAHMS304

IS0773

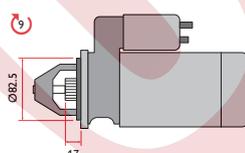
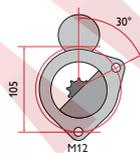
AZE2578

11.130.911

STR50231 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 1.7kW
Teeth 9
Rotation CW
Application Multicar



MAHMS307

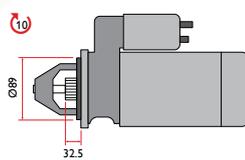
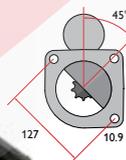
IS0875

AZJ3306

11.130.875

SPECIFICATION:

Voltage 12V
Kilowatt 2.8kW
Teeth 10
Rotation CW
Application Landini
Notes Water splashproof
MS21 is GR version



Mahle Original Starter Motors

MAHMS308

IS0567

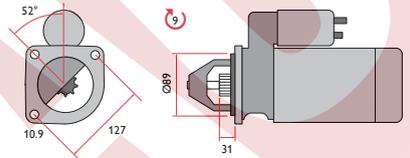
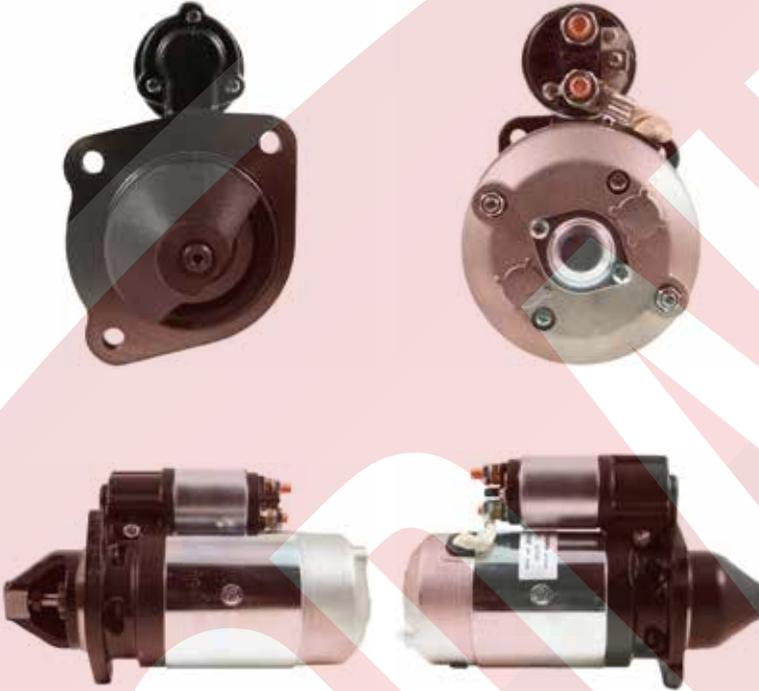
AZJ3179

11.130.567

STR22060 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	9
Rotation	CW
Application	Deutz-Fahr, Fendt
Notes	MS446 is GR version



MAHMS309

IS0821

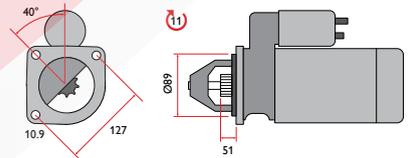
AZJ3285

11.130.821

STR50161 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	11
Rotation	CW
Application	SDF, Ursus, Zetor



Mahle Original Starter Motors

MAHMS310

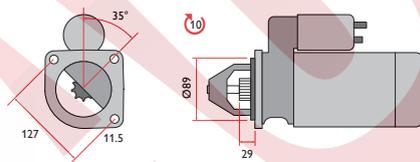
IS0783

AZJ3281

11.130.783

SPECIFICATION:

Voltage 12V
 Kilowatt 3.0kW
 Teeth 10
 Rotation CW
 Application Agrale, Case, Puma



MAHMS312

IS0534

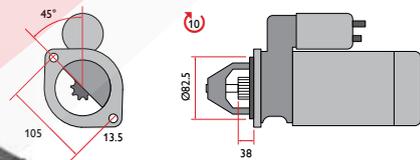
AZJ3158

11.130.534

STR22079 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 3.0kW
 Teeth 10
 Rotation CW
 Application John Deere
 Notes MS89 is GR version



Mahle Original Starter Motors

MAHMS313

IS0612

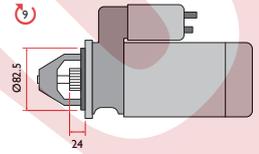
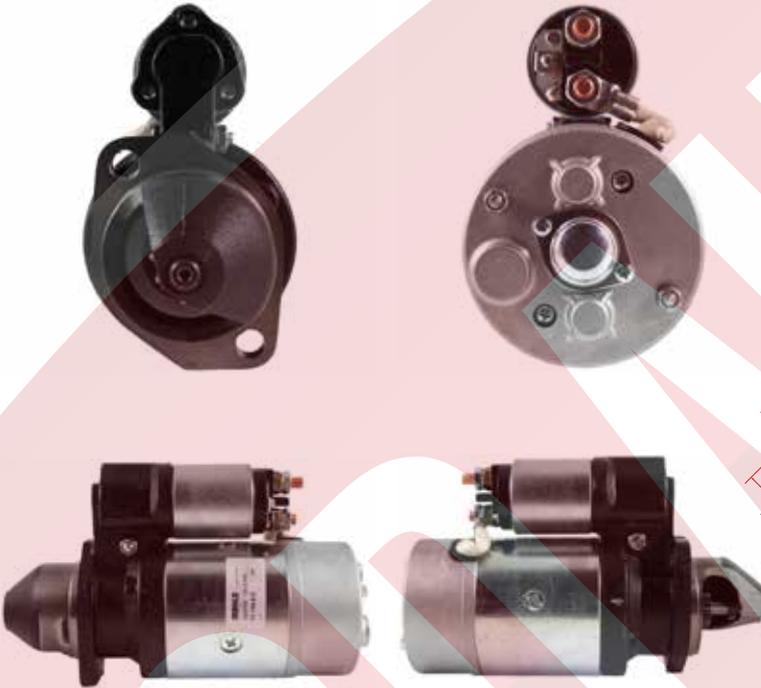
AZJ3192

11.130.612

STR50000 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 2.7kW
 Teeth 9
 Rotation CW
 Application . Agrifull, Fendt, Schanzlin



MAHMS314

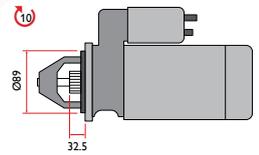
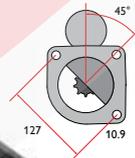
IS0808

AZJ3331

11.130.808

SPECIFICATION:

Voltage 12V
 Kilowatt 3.0kW
 Teeth 10
 Rotation CW
 Application Case, McCormick
 Notes Water splashproof



Mahle Original Starter Motors

MAHMS315

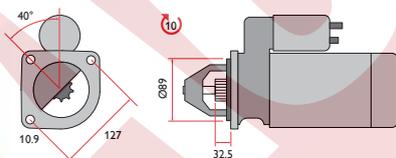
IS0807

AZJ3330

11.130.807

SPECIFICATION:

Voltage 12V
 Kilowatt 3.0kW
 Teeth 10
 Rotation CW
 Application Case, McCormick
 Notes Water splashproof
 MS395 is GR version



MAHMS317

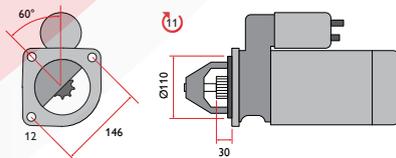
IS0682

AZJ3227

11.130.682

SPECIFICATION:

Voltage 12V
 Kilowatt 3.0kW
 Teeth 11
 Rotation CW
 Application UTB (Rom)



Mahle Original Starter Motors

MAHMS319

ISO766

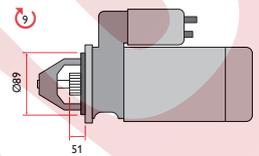
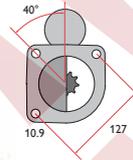
AZJ3277

11.130.766

STR50164 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	9
Rotation	CW
Application	Volvo
Notes	Oil sealed



MAHMS320

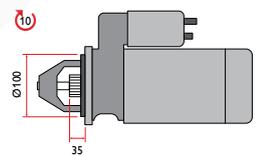
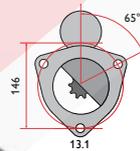
ISO685

AZJ3229

11.130.685

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	10
Rotation	CW
Application	LTZ, Belarus, VTZ
Notes	Offset drive end bracket



Mahle Original Starter Motors



MAHMS322

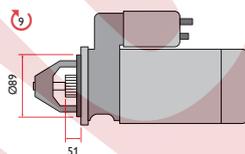
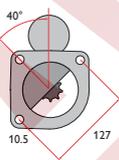
IS0881

AZJ3310

11.130.881

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	9
Rotation	CW
Application	Volvo
Notes	Oil sealed



MAHMS325

IS0687

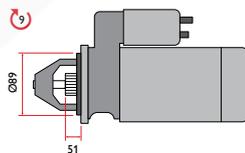
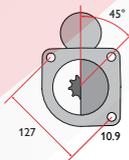
AZJ3231

11.130.687

STR22055 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	9
Rotation	CW
Application	Steyr, Volvo



Mahle Original Starter Motors



MAHMS330

IS0531

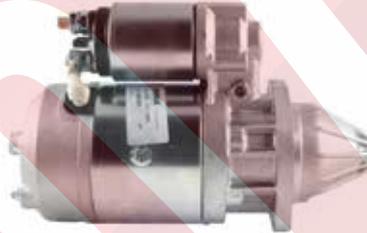
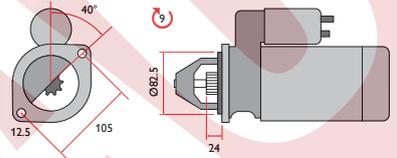
AZJ3155

11.130.531

STR50171 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	1.8kW
Teeth	9
Rotation	CW
Application	Agritalia, Ferrari, SDF



MAHMS332

IS0671

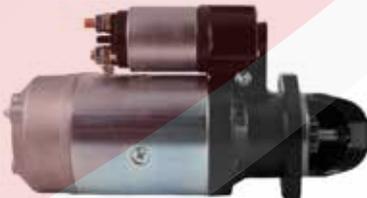
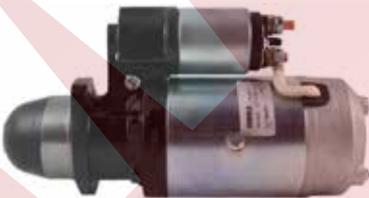
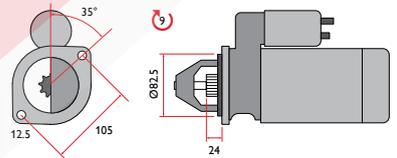
AZJ3220

11.130.671

STR50162 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	9
Rotation	CW
Application	Steyr



Mahle Original Starter Motors

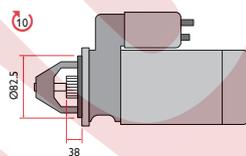
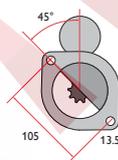
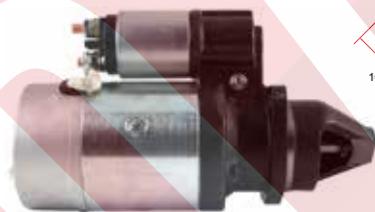


MAHMS334

IS0533 AZJ3157 11.130.533
STR22079 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 10
Rotation CW
Application John Deere
Notes MS89 is GR version

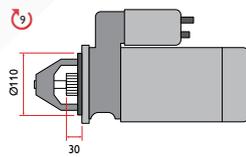
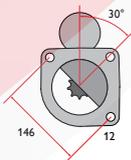


MAHMS335

IS0532 AZJ3156 11.130.532
STR52010 (Marelli version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 9
Rotation CW
Application Fiat



Mahle Original Starter Motors



MAHMS336

IS0709

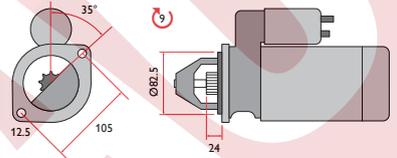
AZJ3246

11.130.709

STR50173 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CW
Application	Steyr



MAHMS338

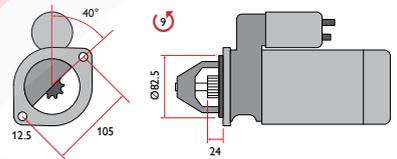
IS0707

AZJ3245

11.130.707

SPECIFICATION:

Voltage	12V
Kilowatt	3.6kW
Teeth	9
Rotation	CCW
Application	Deutz-Fahr
Notes	Moves combine cutter bar Thermal protection



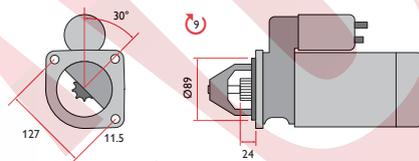
Mahle Original Starter Motors

MAHMS339

IS0706 AZJ3244 11.130.706
STR50159 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 3.1kW
Teeth 9
Rotation CW
Application Renault

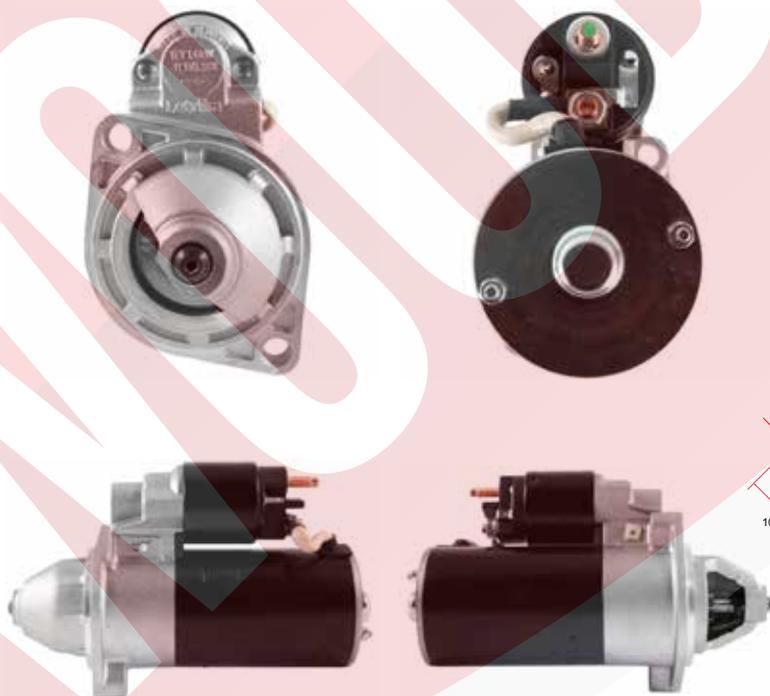
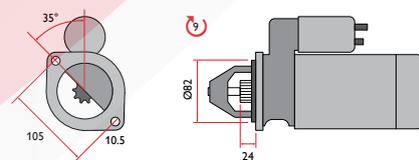


MAHMS341

IS0908 AZE2575 11.130.908

SPECIFICATION:

Voltage 12V
Kilowatt 1.4kW
Teeth 9
Rotation CW
Application Hittner



Mahle Original Starter Motors

MAHMS343

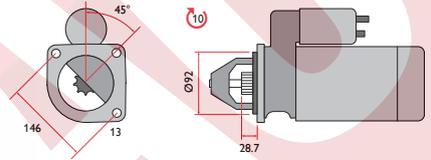
IS0711

AZJ3248

11.130.711

SPECIFICATION:

Voltage 12V
 Kilowatt 1.8kW
 Teeth 10
 Rotation CW
 Application Massey Ferguson



MAHMS345

IS0509

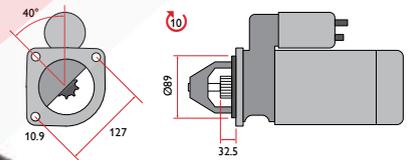
AZJ3144

11.130.509

STR25013 (Lucas version)

SPECIFICATION:

Voltage 12V
 Kilowatt 2.8kW
 Teeth 10
 Rotation CW
 Application IH, Landini, MF Renault
 Notes MS395 is GR version



Mahle Original Starter Motors



MAHMS346

IS0579

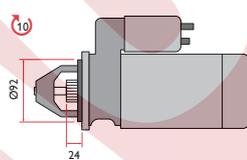
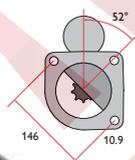
AZJ3182

11.130.579

STR25012 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.8kW
Teeth 10
Rotation CW
Application .CNH, David Brown, JCB
Notes MS291 is GR version



MAHMS347

IS0526

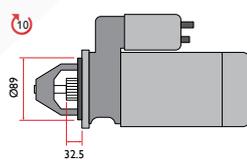
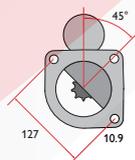
AZJ3151

11.130.526

STR25016 (Lucas version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.8kW
Teeth 10
Rotation CW
Application Case, Marshall, MF



Mahle Original Starter Motors

MAHMS348

IS0896

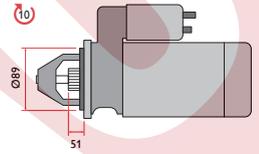
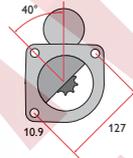
AZJ3318

11.130.896

STR25022 (Lucas version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.8kW
Teeth	10
Rotation	CW
Application	Massey Ferguson



MAHMS349

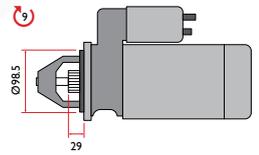
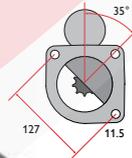
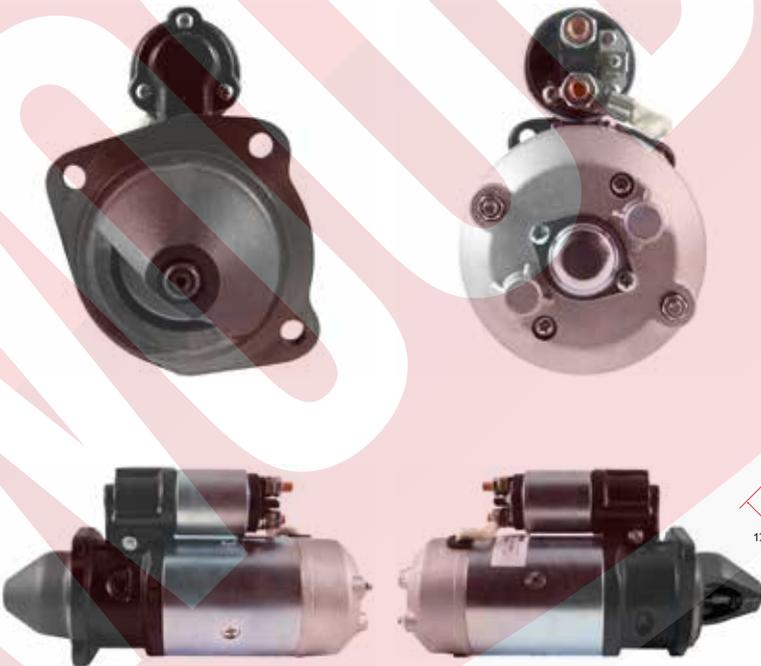
IS0824

AZJ3287

11.130.824

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	9
Rotation	CW
Application	Agrale, Case, Valtra
Notes	MS417 is GR version



Mahle Original Starter Motors

MAHMS350

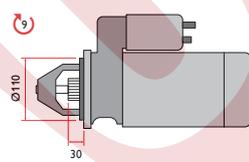
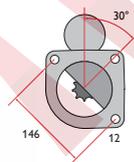
IS0937

AZJ3339

11.130.937

SPECIFICATION:

Voltage 12V
Kilowatt 3.0kW
Teeth 9
Rotation CW
Application Renault



MAHMS351

IS0669

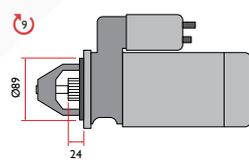
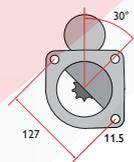
AZJ3218

11.130.669

STR22088 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 9
Rotation CW
Application Claas, Fendt, Renault



Mahle Original Starter Motors



MAHMS352

IS0704

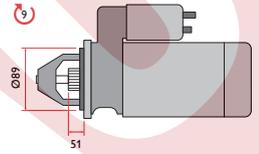
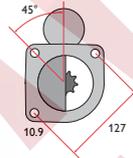
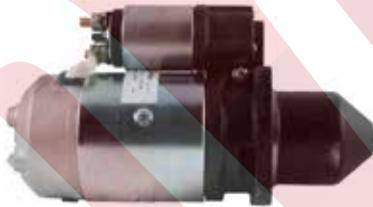
AZJ3242

11.130.704

STR22004 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	9
Rotation	CW
Application	Case



MAHMS353

IS0670

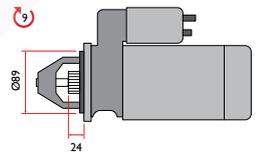
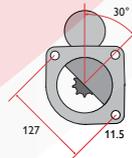
AZJ3219

11.130.670

STR50159 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	9
Rotation	CW
Application	Agrifull, Fendt



Mahle Original Starter Motors



MAHMS354

IS0254

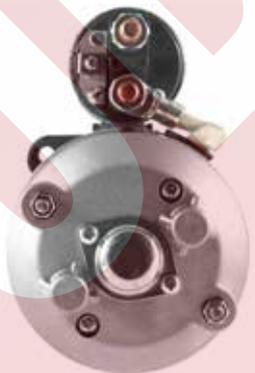
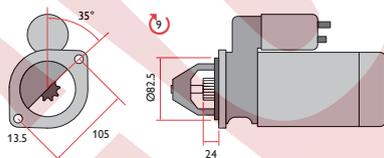
AZJ3320

11.130.898

STR50157 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 3.0kW
 Teeth 9
 Rotation CW
 Application Agco, Case, SDF
 Notes MS738 is GR version



MAHMS355

IS0705

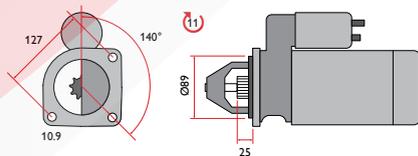
AZJ3243

11.130.705

STR50174 (Bosch version)

SPECIFICATION:

Voltage 12V
 Kilowatt 3.1kW
 Teeth 11
 Rotation CW
 Application Case



Mahle Original Starter Motors

MAHMS357

IS0627

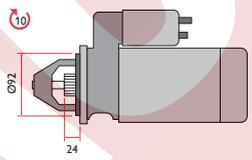
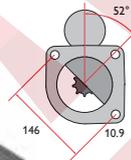
AZJ3201

11.130.627

STR22105 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	10
Rotation	CW
Application	Ford New Holland
Notes	MS25 is GR version



MAHMS358

IS0739

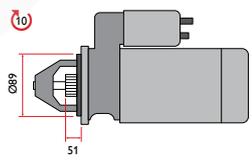
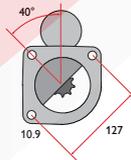
AZJ3261

11.130.739

STR22096 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	10
Rotation	CW
Application	John Deere, Renault



Mahle Original Starter Motors

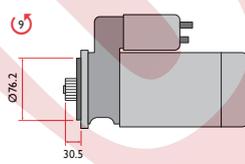


MAHMS359

IS1015 AZE2617 11.131.002
STR50245 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 1.2kW
Teeth 9
Rotation CCW
Application Ruggerini engines

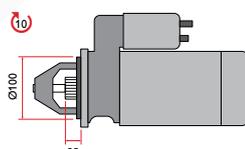
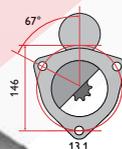


MAHMS360

IS1002 AZJ3353 11.131.006

SPECIFICATION:

Voltage 24V
Kilowatt 4.0kW
Teeth 10
Rotation CW
Application Minsk (Belarus)
Notes MS286 is GR version



Mahle Original Starter Motors



MAHMS365

IS0663

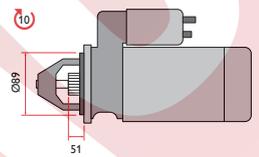
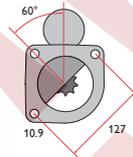
AZJ3297

11.130.860

STR30004 (Denso version)

SPECIFICATION:

Voltage	12V
Kilowatt	4.0kW
Teeth	10
Rotation	CW
Application	John Deere
Notes	Oil sealed



MAHMS366

IS0862

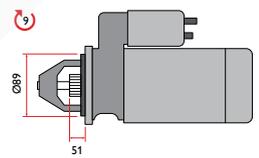
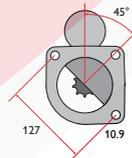
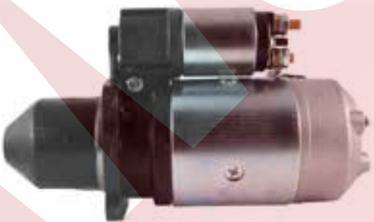
AZJ3299

11.130.862

STR52030 (Marelli version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.1kW
Teeth	9
Rotation	CW
Application	Fiat



Mahle Original Starter Motors

MAHMS368

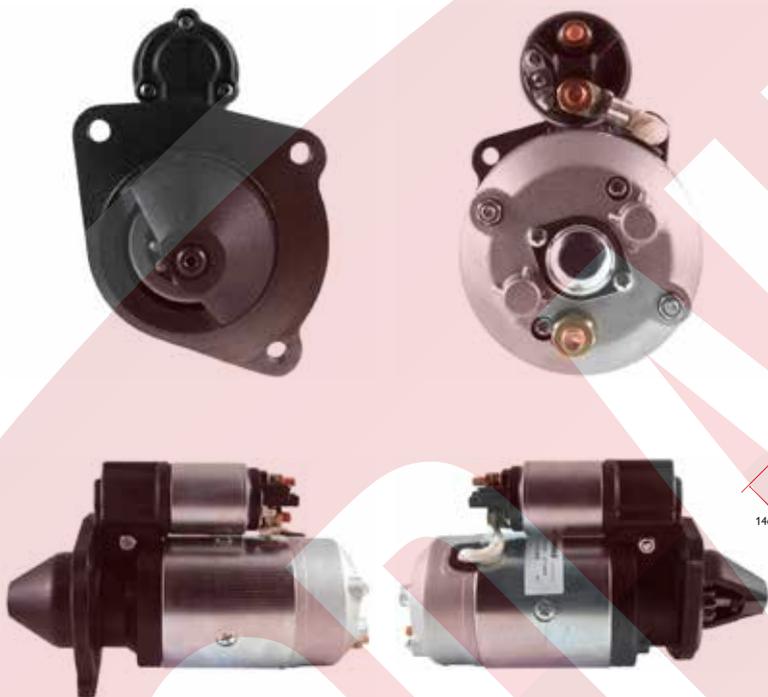
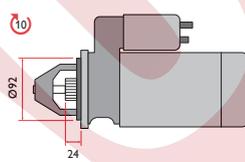
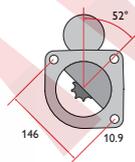
IS1001

AZJ3357

11.131.018

SPECIFICATION:

Voltage 12V
 Kilowatt 3.6kW
 Teeth 10
 Rotation CW
 Application New Holland



MAHMS369

IS0993

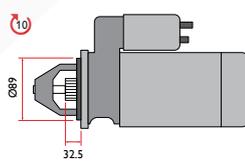
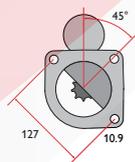
AZJ3351

11.130.993

STR22050 (Bosch version)

SPECIFICATION:

Voltage 24V
 Kilowatt 4.0kW
 Teeth 10
 Rotation CW
 Application Timberjack



Mahle Original Starter Motors

MAHMS385

IS0629

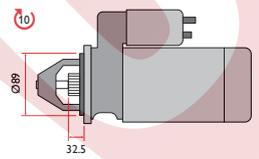
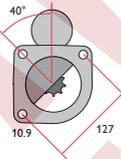
AZJ3203

11.130.629

STR25000 (Lucas version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.8kW
Teeth	10
Rotation	CW
Application	MF, JCB
Notes	MS395 is GR version



MAHMS386

IS0491

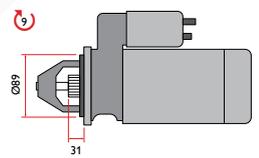
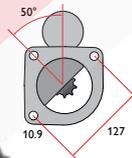
AZJ3132

11.130.491

STR22008 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	9
Rotation	CW
Application	Case, Deutz-Fahr, O&K
Notes	MS232 is GR version



Mahle Original Starter Motors

MAHMS387

IS0492

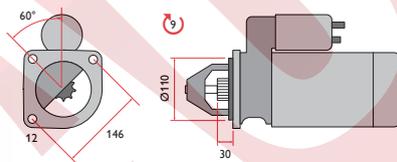
AZJ3133

11.130.492

STR22046 (Bosch version)

SPECIFICATION:

Voltage 24V
Kilowatt 4.0kW
Teeth 9
Rotation CW
Application Fiat, New Holland



MAHMS388

IS0203

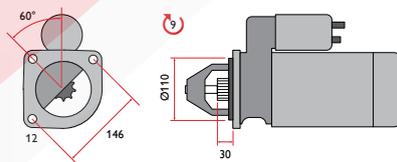
AZJ3538

11.130.203

STR50110 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 9
Rotation CW
Application Fiat, New Holland



Mahle Original Starter Motors

MAHMS389

IS0216

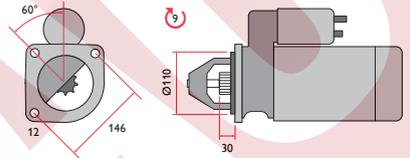
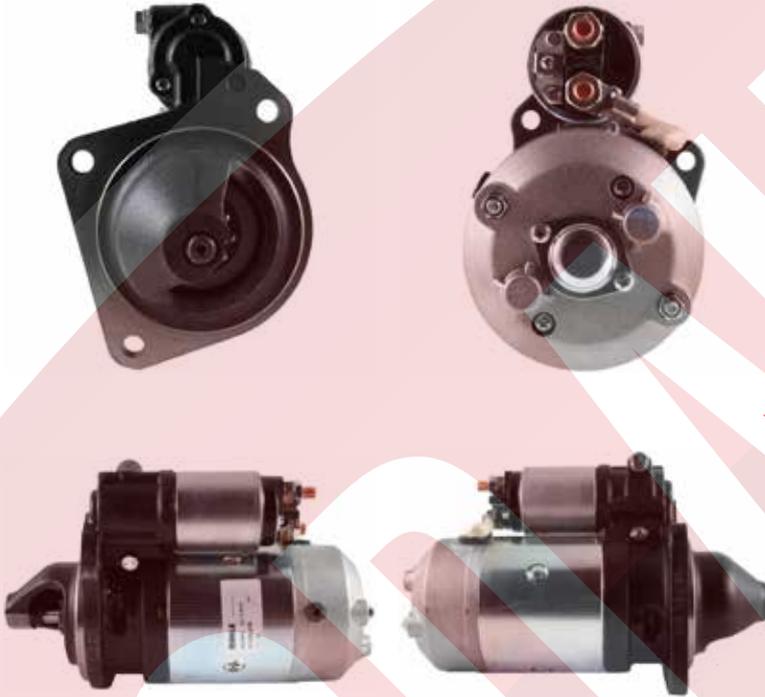
AZJ3542

11.130.216

STR22005 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	3.2kW
Teeth	9
Rotation	CW
Application	Fiat-Allis



MAHMS390

IS0502

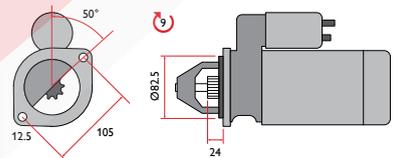
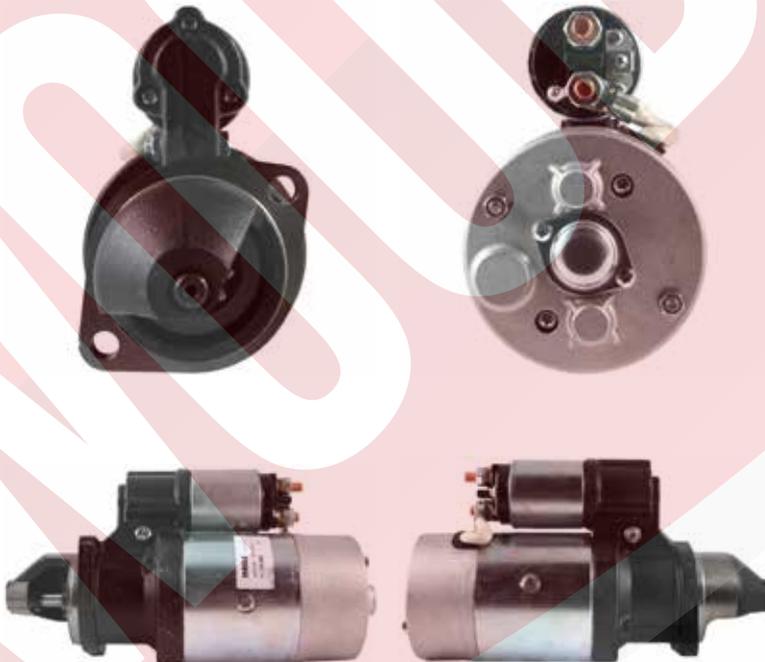
AZJ3139

11.130.502

STR50171 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	9
Rotation	CW
Application	Agria



Mahle Original Starter Motors



MAHMS391

IS0503

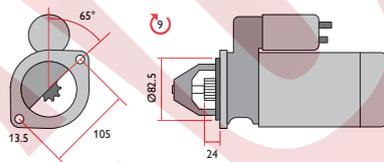
AZJ3140

11.130.503

STR22102 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.7kW
Teeth 9
Rotation CW
Application Agrifull, Ferrari



MAHMS392

IS0248

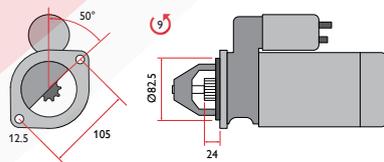
AZJ3552

11.130.248

STR22097 (Bosch version)

SPECIFICATION:

Voltage 12V
Kilowatt 2.4kW
Teeth 9
Rotation CCW
Application Goldoni, Pasquali



Mahle Original Starter Motors

MAHMS393

IS0250

AZJ3554

11.130.250

STR22058 (Bosch version)

SPECIFICATION:

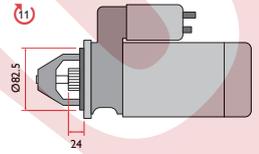
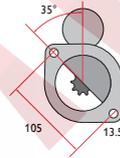
Voltage 12V

Kilowatt 2.7kW

Teeth 11

Rotation CW

Application Goldoni, ITMA, JW



MAHMS395

IS1378

AZE4244

11.132.159

SPECIFICATION:

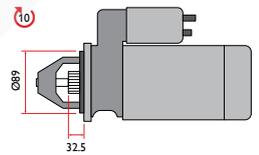
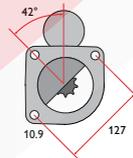
Voltage 12V

Kilowatt 3.2kW

Teeth 10

Rotation CW

Application . . . Case, JCB, Landini, MF



Mahle Original Starter Motors



MAHMS396

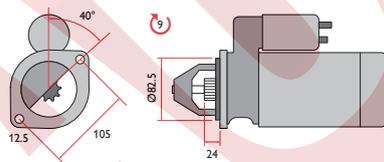
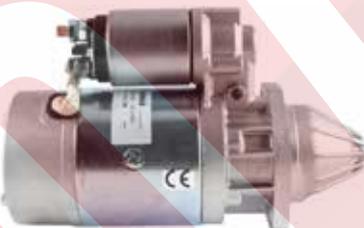
IS1219

AZJ3457

11.131.729

SPECIFICATION:

Voltage 12V
 Kilowatt 2.7kW
 Teeth 9
 Rotation CW
 Application Hittner



MAHMS399

IS1201

AZE4173

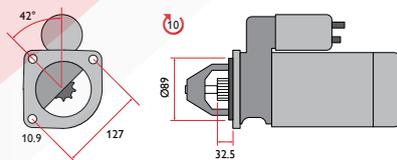
11.131.781

STR60623 (Iskra)

STR52056 (Denso)

SPECIFICATION:

Voltage 12V
 Kilowatt 3.2kW
 Teeth 10
 Rotation CW
 Application . Agco, Erkunt, MF Ursus



Mahle Original Starter Motors

MAHMS403

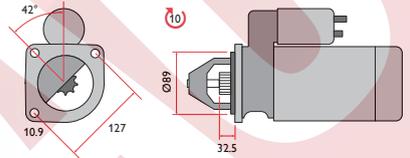
IS1202

AZF4206

11.131.784

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	10
Rotation	CW
Application	Agco, Lindner, Perkins



MAHMS416

IS1157

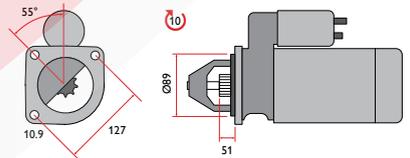
AZF4570

11.131.237

STR50133 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	10
Rotation	CW
Application	John Deere



Mahle Original Starter Motors



MAHMS418

IS0665

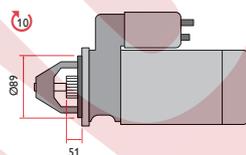
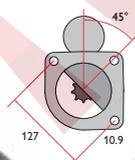
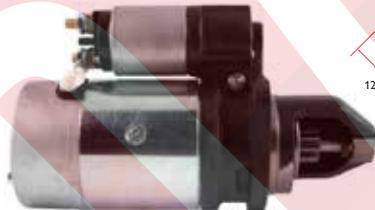
AZJ3466

11.131.997

STR25004 (Lucas version)

SPECIFICATION:

Voltage	12V
Kilowatt	2.7kW
Teeth	10
Rotation	CW
Application	Case
Notes	Oil sealed



MAHMS430

IS1059

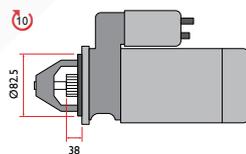
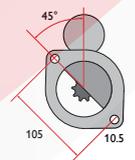
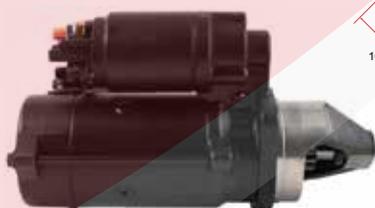
AZE4185

11.131.833

STR50264 (Bosch version)

SPECIFICATION:

Voltage	12V
Kilowatt	3.2kW
Teeth	10
Rotation	CW
Application	John Deere



Mahle Original Starter Motors

MAHMS434

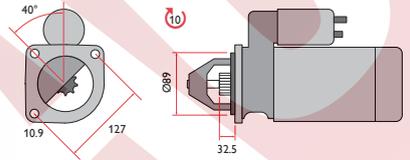
IS1067

AZJ3402

11.131.218

SPECIFICATION:

Voltage	12V
Kilowatt	3.0kW
Teeth	10
Rotation	CW
Application	McCormick
Notes	MS395 is GR version



MAHMS439

IS0730

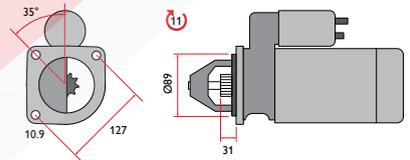
AZF4509

11.130.730

STR22101 (Bosch version)

SPECIFICATION:

Voltage	24V
Kilowatt	4.0kW
Teeth	11
Rotation	CW
Application	Fendt



Mahle Original Starter Motors

MAHMS440

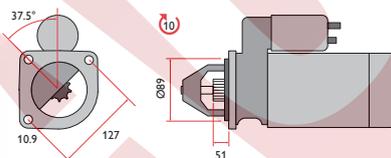
IS0941

AZF4524

11.130.941

SPECIFICATION:

Voltage..... 12V
 Kilowatt..... 3.0kW
 Teeth..... 10
 Rotation..... CW
 Application..... New Holland
 Notes..... Oil sealed



MAHMS446

IS0841

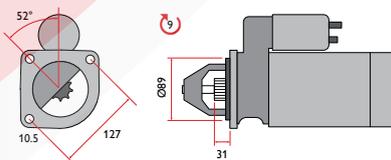
AZF4514

11.130.841

STR22078 (Bosch version)

SPECIFICATION:

Voltage..... 12V
 Kilowatt..... 3.0kW
 Teeth..... 9
 Rotation..... CW
 Application..... Claas, Deutz-Fahr, Fendt



Mahle Original Starter Motors



MAHMS476

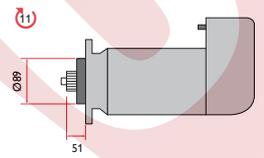
IS9098

AZK5459

11.139.110

SPECIFICATION:

Voltage	24V
Kilowatt	6.6kW
Teeth	11
Rotation	CW
Application	Zetor
Notes	Water splashproof



MAHMS486

IS1056

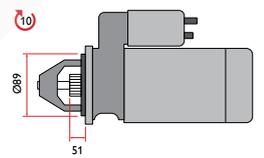
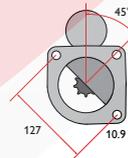
AZF4598

11.131.382

STR80014 (Delco Remy version)

SPECIFICATION:

Voltage	12V
Kilowatt	4.2kW
Teeth	10
Rotation	CW
Application	Case, John Deere



Mahle Original Starter Motors

MAHMS548

IS0411

AZJ3117

11.130.411

SPECIFICATION:

Voltage 12V

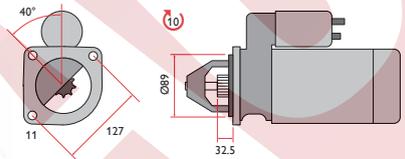
Kilowatt 3.0kW

Teeth 10

Rotation CW

Application IMR, IMT

Notes MS151 is GR version



Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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AG-CHEM (AGCO)

TRACTORS

ALLIS 6670	Same 1000.4A	/	01/91 - 12/99	MG515
ALLIS 6680	Same 1000.4A	/	01/91 - 12/97	MG515
ALLIS 6690	Same 1000.4AT	/	01/91 - 12/97	MG515
ALLIS 8610	Same 1000.6A	/	05/91 - 12/97	MG515
ALLIS 8630	Same 1000.6AT	/	05/91 - 12/97	MG515
ALLIS 8775	6-402(Sisu)	/	01/98 - 01/00	MG550 MG682
ALLIS 8785	6-402(Sisu)	/	01/98 - 01/00	MG550 MG682
BX 215	6,AGCO POWER 9	/	-	MG761
BX 250	AGCO POWER 84WI-4V	/	-	MG761
BX130		/	-	MG200
GT 45	3-cyl,34kW,SDF 1000.3W2	/	01/04 -	MG515
GT 45A	3-cyl,34kW,SDF 1000.3W2	/	01/04 -	MG515
GT 55	3-cyl,40kW,SDF 1000.3WT2	/	01/04 -	MG515
GT 55A	3-cyl,42kW,SDF 1000.3WT2	/	01/04 -	MG353
GT 65	4-cyl,46kW,SDF 1000.4W5	/	01/04 -	MG515
GT 65A	4-cyl,46kW,SDF 1000.4W5	/	01/04 -	MG515
GT 75	4-cyl,54kW,SDF 1000.4WT4	/	01/04 -	MG353
GT 75A	4-cyl,54kW,SDF 1000.4WT4	/	01/04 -	MG353
MT345B	Sislu Diesel	/	-	MG161 MG541
MT665B K43	216kW,84.446 CTA-4V	/	-	MG68
MT665B KA	216kW,84.446 CTA-4V	/	-	MG68
MT665B KA/K43	84.446 CTA-4V	/	-	MG68
TRACTORS		/	-	MG116 MG28
	FPT - F5C	/	-	MG122
TRACTORS		/	-	MG577

AGRALE

TRACTORS

4100/4100.4	17,5kW	/	-	MG73
4118/4118.4	17,5kW	/	-	MG73
540.4		/	-	MG73

AGRIFULL

TRACTORS

100/DT	300,8065.06.200	/	05/87 -	MG521
110 DT	8065.05.220	/	05/87 -	MG521
140/DT	8065.25.000	/	05/87 -	MG521
670	Fiat-8045.02.378	/	09/80 - 12/84	MG123
80.70C	Fiat-8045.02.211	/	09/80 - 03/83	MG123
80.70F	Fiat-8045.02.278	/	09/80 - 12/84	MG123
90 TURBO	VM1054SU	/	08/83 -	MG517
90/DT	8055.05.200	/	05/87 -	MG521
F100	8065.06A.330	/	11/93 -	MG521
F120	8065.05B.330	/	11/93 -	MG521

AGRITECH

FARM EQUIPMENT

1175	4TNV 98XAT 4cyl. 75HP	/	06/07 -	MG25
1175 SUPER E.	4TNV 98XAT 4cyl. 75HP	/	06/07 -	MG25
1175-4SR	4TNV 98XAT 4cyl. 75HP	/	06/07 -	MG25
1185S	4TNV 98XAT 4cyl. 75HP	/	-	MG25
TC12		/	-	MG25
TC14 SUPER	14HP,NSB145	/	-	MG25

AHLMANN

LOADERS

A 69	KHD-F4L912	/	06/68 - 12/74	MG203
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Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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AHLMANN (continued)

AF10	KHD-F4L912	/	06/68 - 12/80	MG203
AF16		/	06/72 - 03/78	MG203
AF60E	D2011 L03	/	-	MG111
	F3L1011F	/	-	MG111
AL 100	BF4L2011	/	-	MG607
	F4L2011	/	-	MG607
AL 100T	F4L2011	/	-	MG111
AL 100T/TI	F4L2011	/	-	MG111
AL 70	F4L1011F	/	-	MG111
AL 70E	F4L2011	/	-	MG111
AL 80	F4L2011	/	-	MG111
AL 85T	F4L2011	/	-	MG111
AS	BF4L1011FT	/	-	MG607
	F3L1011F	/	-	MG111
AS 11	BF4M1012EC	/	-	MG114
AS 11S	BF4L1012EC	/	-	MG114
AS 14	BF4M1012E	/	-	MG114
	BF4M1012EC	/	-	MG114
AS 45	F3L1011F	/	-	MG111
AS 50	F3L1011F	/	-	MG111
AS 70	BF4L1011FT	/	-	MG607
AS 85T	BF4L1011FT	/	-	MG607
AS 90	BF4L1011FT	/	-	MG607
AS12	KHD-F6L912	/	07/82 -	MG203
AS150E	TCD2012 L04 2V	/	-	MG312
AS210	BF6M2012C	/	-	MG312
AS210E	TCD2012 L06 2V	/	-	MG312
AS50	D2011 L03i	/	-	MG111
AS7	KHD-F4L912	/	06/68 - 12/79	MG203
AZ150E	TCD2012 L04-2V	/	-	MG312
AZ4	F3L1011F	/	-	MG111
AZ45	F3L1011F	/	-	MG111
AZ6	BF4L1011	/	-	MG607
AZ85T	BF4L1011FT	/	-	MG607
AZ90T	TCD2011 L04W	/	-	MG607

ATLAS (WEYHAUSEN)

LIFT TRUCKS

180MH	TCD2012 L06 2V	/	-	MG312
200MH	TCD2012 L06 2V	/	-	MG312
400MH	1 L6,238PS,TCD6,Tier 4i	/	-	MG312
520MH	TCD2013 L06 2V	/	-	MG473

WHEEL LOADERS

AR 105	1 L4,105kW,TCD 4,Tier 4i	/	-	MG169
AR 105 E	1 L4,105kW,TCD 4,Tier 4i	/	-	MG169
AR 65	54kW,9 L4,TD2,Tier 4	/	-	MG169
AR 65 E	54kW,9 L4,TD2,Tier 4	/	-	MG169
AR 75	54kW,9 L4,TD2,Tier 4	/	-	MG169
AR 75 E	54kW,9 L4,TD2,Tier 4	/	-	MG169
AR 75 S	54kW,9 L4,TD2,Tier 4	/	-	MG169
AR 75 T	54kW,9 L4,TD2,Tier 4	/	-	MG169
AR 80	6 L4,70kW,TCD3,Tier 4	/	-	MG169
AR 80 E	6 L4,70kW,TCD3,Tier 4	/	-	MG169
AR 85	6 L4,80kW,TCD3,tier 4	/	-	MG169
AR 85 E	6 L4,80kW,TCD3,tier 4	/	-	MG169
AR 95	6 L4,85kW,TCD3,Tier 4	/	-	MG169
AR 95 E	6 L4,85kW,TCD3,Tier 4	/	-	MG169
AR 95 E SUPER	1 L4,95kW,TCD 4,Tier 4i	/	-	MG169

BCS

TRACTORS

300	19kW,LDW 1003 FOCS	/	-	MG21
400	25,5kW,LDW 1404 FOCS	/	-	MG21
640	149A7003	/	01/85 -	MG535

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
645	149A7003	/	04/87 -	MG535

BELARUS

TRACTORS

1221.5	D-260.2S3B	98 / 133	-	MG752
320.4	LDW1603/B3	27 / 36	01/13 -	MG21
320.5	LDW1603/B3	27 / 36	01/13 -	MG21
422		37 / 49	01/08 -	MG21
622		46 / 63	01/08 -	MG21

BELL

BACKHOE LOADERS

310SG	J. Deere 4045	/	06/89 -	MG279
315SG	J. Deere 4045	/	07/87 - 06/90	MG279

BENFRA

WHEEL LOADERS

4.12	Aifo-80611005	/	01/86 -	MG399
5.15 I	Aifo-8061 I 005	/	09/85 - 12/87	MG399

BERTOLINI

TRACTORS

2000 DT	Lomb.-8LD665.2	/	01/90 -	MG517
628	Lomb.-8LD600.2	/	06/87 -	MG517
730	Lomb.-8LD600.2	/	06/87 -	MG517
740	Lomb.-11LD625.3	/	06/87 -	MG517

BRAEUTIGAM

FARM EQUIPMENT

TYP 125-40	140kW,TCD2012,Tier III	/	-	MG52
	TYP 125-40	/	-	MG52
TYP 125-50	140kW,TCD2012,Tier III	/	-	MG52
TYP 150-40	155kW,TCD2012,Tier III	/	-	MG52
	TCD2012	/	-	MG52
TYP 160-40	1 L6,180kW,TCD6,Tier 3b	/	-	MG29
TYP 165-40	1 L6,180kW,TCD6,Tier 3b	/	-	MG29
	173kW,TCD2013,Tier III	/	-	MG52
	TCD2013	/	-	MG52
TYP 200-40	200kW,TCD2013,Tier III	/	-	MG29
	250kW,8 L6,TCD7,Tier 3b	/	-	MG29

CADMAN

FARM EQUIPMENT

POWER PACK	6068HF485	/	-	MG482
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CARRARO

TRACTORS

3100-4 POMAREIROVINHATEIRO	F3L912	/	-	MG123
3300-4 POMAREIROVINHATEIRO	F3L913	/	-	MG123
3400-4 POMAREIROVINHATEIRO	F4L912	/	-	MG123
3500-4 POMAREIROVINHATEIRO	F4L913	/	-	MG123
352	195	/	06/73 - 07/78	MG124
354	195	/	06/73 - 07/78	MG124
452	284	/	10/73 - 07/78	MG124
454	284	/	10/73 - 07/78	MG124
455 CS	284	/	10/73 - 10/79	MG124
5.1000 AGRIX	F3L912	/	03/92 -	MG211
5.1000 FRUTETTO	F3L912	/	03/87 -	MG211
5.1000 FRUTTETO BASSO	F3L912	/	03/91 -	MG211
5.1000 STANDARD	F3L912	/	03/87 -	MG211

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
CARRARO (continued)				
5.1000-4 AGRIX	F3L912	/	-	MG123
5.1000-4 FRUTTETO VIGNETO BASSO	F3L912	/	-	MG123
502	285	/	10/73 - 07/78	MG124
504	285	/	10/73 - 07/78	MG124
505 CL	285	/	10/73 - 10/79	MG124
552	315	/	02/75 - 07/78	MG124
554	315	/	02/75 - 07/78	MG124
555 CL	315	/	02/75 - 10/79	MG124
6.1000 AGRIX	F3L913	/	03/92 -	MG211
6.1000 FRUTTETTO	F3L913	/	03/87 -	MG211
6.1000 FRUTTETO BASSO	F3L913	/	03/91 -	MG211
6.1000 STANDARD	F3L913	/	03/87 -	MG211
6.1000-4 AGRIX	F3L913	/	-	MG123
6.1000-4 FRUTTETO VIGNETO BASSO	F3L913	/	-	MG123
652	430	/	06/74 - 07/78	MG124
654	430	/	04/74 - 07/78	MG124
655 CL	430	/	06/73 - 11/81	MG124
7.1000 AGRIX	F4L912	/	03/92 -	MG211
7.1000 FRUTTETTO	F4L912	/	03/87 -	MG211
7.1000 FRUTTETO BASSO	F4L912	/	03/91 -	MG211
7.1000 STANDARD	F4L912	/	03/87 -	MG211
7.1000-4 AGRIX	F4L912	/	-	MG123
7.1000-4 FRUTTETO VIGNETO BASSO	F4L912	/	-	MG123
70, 80		53 / 72	10/10 -	MG146
702	430	/	06/73 - 07/78	MG124
704	430	/	06/73 - 07/78	MG124
8.1000 AGRIX	F4L913	/	03/92 -	MG211
8.1000 FRUTTETTO	F4L913	/	03/87 -	MG211
8.1000 FRUTTETO BASSO	F4L913	/	03/91 -	MG211
8.1000-4 AGRIX	F4L913	/	-	MG123
8.1000-4 FRUTTETO VIGNETO BASSO	F4L913	/	-	MG123
90		65 / 88	10/10 -	MG146
9800		/	02/79 -	MG124

CARRARO ANTONIO

TRACTORS

6400	VM D703	/	01/13 -	MG195
GST		/	-	MG195
TC 5400	VM-20823-3Cyl	/	-	MG195
TC 8400	VM-2082-3Cyl-T	/	-	MG195
TN 5400	VM-2082-3Cyl	/	-	MG195
TN 8400	VM-2082-3Cyl-T	/	-	MG195
TRACTORS		/	-	MG294
				MG599
TRACTORS (FOR CABIN HEATING)		/	-	MG397

CASE (CNH GLOBAL)

BACKHOE LOADERS

580CK		/	01/92 -	MG279
580N	Cummins: 4BT	/	01/84 - 12/94	MG274
580ST	4-yl, 97HP, FPT434T/E	/	01/86 - 12/94	MG137
	4-yl, 97HP, FPT434T/E, Tier 4	/	01/86 - 12/94	MG137
590ST/SN	110HP, 4-cyl, FPT434T/E, Tier 4	/	-	MG137
695ST	110HP, 4-cyl, FPT434T/E, Tier 4	/	01/88 - 12/92	MG137
B110B		/	-	MG274
B90B		/	-	MG274
B95B		/	-	MG274

COMBINES

1420	D358/436/466	/	01/81 - 01/92	MG490
1440	D358/436/466	/	01/81 - 01/92	MG490
1460	D358/436/466	/	01/81 - 01/92	MG490
1470	D436/466	/	01/85 - 01/92	MG490
1480	D436/466	/	01/85 - 01/92	MG490
1620	D358/436/466	/	01/85 - 01/92	MG490

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
1640	D436/466	/	01/85 - 01/92	MG490
1644	All	/	01/93 - 01/95	MG490
1660	D436/466	/	01/85 - 01/92	MG490
1666	All	/	01/93 - 01/97	MG490
1668	All	/	01/93 - 01/97	MG490
1670	DT466C	/	01/89 - 01/91	MG490
1680	D436/DT466	/	01/85 - 01/92	MG490
1682	All	/	01/85 - 01/92	MG490
1688		/	01/92 - 01/94	MG490
1690	DT466C	/	01/85 - 01/92	MG490
2144		/	01/94 - 01/96	MG575
2155		/	01/97 -	MG575
2166		/	01/94 - 01/96	MG575
	All	/	01/94 - 01/96	MG575
2188		/	01/94 - 01/96	MG575
	All	/	01/94 - 01/96	MG575
2344	Cummins	/	-	MG575
2388	Cummins	/	-	MG575
2555		/	01/97 -	MG575
8120	6cyl,Iveco	/	01/08 -	MG470
9120	Iveco	/	01/08 -	MG470
CS6080	Cummins	/	-	MG404
CS6090	Cummins	/	-	MG404

COTTON-PICKERS

1822	6-590/6-830	/	01/86 - 01/92	MG490
2022	All	/	01/88 - 01/95	MG490
2044		/	01/91 -	MG490
2055	6TA-830	/	01/96 - 01/98	MG490
2155	6TA-830	/	01/96 - 01/98	MG490

CRAWLER TRACTORS

1150E		/	01/87 - 12/96	MG279
1150G		/	01/95 - 12/99	MG84
1150H	6-590 D	/	01/99 - 12/06	MG279
1155E		/	01/87 - 12/94	MG279
1500C		/	-	MG279
1550		/	01/85 - 12/96	MG279
450C	4-390	/	01/89 - 01/94	MG279
480CK/E/F		/	01/89 - 01/94	MG279
550	4-290,4-390	/	01/89 - 01/91	MG279
550E	4-390	/	01/92 - 12/95	MG279
550G	4-290,4-390	/	01/92 - 01/00	MG279
550H	4-390	/	01/99 - 12/00	MG279
650	4-390	/	01/89 - 12/91	MG279
650E		/	01/92 - 12/95	MG279
650G	4-390	/	01/95 - 12/99	MG279
650H	4-390	/	01/99 - 12/03	MG279
650K	4-390	/	01/05 - 01/07	MG279
	4T-390	/	01/03 -	MG279
750H	4-290,4-390	/	01/99 - 12/03	MG279
750K	4T-390	/	01/00 -	MG279
850D		/	01/87 - 12/94	MG279
850E		/	01/92 - 12/96	MG84
850G		/	01/94 - 12/99	MG84
850H	6T-590	/	01/99 - 12/03	MG279
850K	6T-590	/	01/02 - 01/07	MG279
850XL		/	01/89 - 12/94	MG279
855D		/	01/87 - 12/92	MG279
880XL		/	01/89 - 12/94	MG279

FARM EQUIPMENT

SPX2130		/	-	MG477
SPX3150		/	-	MG477
SPX3185/LP		/	-	MG477
SPX3330		/	-	MG267
				MG685
SPX4260		/	01/98 -	MG575
SPX4410		/	01/04 -	MG575

LIFT TRUCKS

584E	390	/	-	MG279
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Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
CASE (CNH GLOBAL) (continued)				
584G	390	/	-	MG279
585E	390	/	-	MG279
585G	390	/	-	MG279
586E	390	/	01/92 -	MG279
586G		/	01/98 - 01/01	MG279
588G		/	01/89 - 01/94	MG279
686G TELEHANDLER	390	/	01/89 - 01/94	MG279
686G/GXR	4-390/4T-390	/	01/89 - 01/94	MG279
LOADERS				
1155E		/	01/89 - 01/94	MG84
			01/89 - 12/94	MG279
1818	Gas,Onan	/	01/93 - 01/99	MG279
1825		/	-	MG279
1835B/C		/	01/89 - 01/94	MG279
1835C	Teledyne	/	01/87 - 12/93	MG279
1840	390	/	01/89 - 01/94	MG279
1845C		/	01/86 -	MG279
	390	/	01/88 - 01/98	MG279
1845C (UNI)	390	/	01/92 - 01/98	MG279
380B	3-cyl	/	01/89 - 01/94	MG426
40XT	390	/	01/92 - 12/96	MG279
455		/	-	MG279
			01/99 -	MG279
455C		/	01/87 - 12/99	MG84
480E	4-390	/	01/87 - 12/99	MG279
480F	4-390	/	01/99 - 01/00	MG279
548E		/	-	MG279
570LXT	390	/	01/87 - 12/92	MG279
580 SUPER L	4-390	/	01/03 -	MG279
580CX		/	01/98 - 01/07	MG279
580E/G	390	/	01/98 - 12/99	MG279
580K	4-390	/	01/89 - 01/93	MG279
580M	CASE445/M2	/	01/88 - 01/94	MG279
580SE		/	01/89 - 01/93	MG279
580SK		/	01/92 - 01/01	MG279
580SL		/	01/89 - 01/94	MG279
580SM		/	01/88 - 01/92	MG279
584	D-206	/	01/97 - 12/00	MG279
590L		/	01/93 - 01/97	MG279
60XT	390	/	01/92 - 01/96	MG279
621		/	01/89 - 01/94	MG84
680CX (D/L)	6-590 D	/	01/89 - 01/94	MG279
70XT	390	/	01/92 - 01/96	MG279
721		/	01/89 - 12/94	MG84
75XT	390	/	01/92 - 01/96	MG279
780D	6T-590	/	01/94 - 01/98	MG233
80XT		/	01/94 - 01/96	MG279
821		/	-	MG84
855D		/	01/88 - 01/91	MG279
855D/E		/	01/89 - 01/94	MG84
85XT	390	/	01/85 -	MG279
90XT	390	/	01/85 -	MG279
921		/	-	MG84
95XT	390	/	01/85 -	MG279
SR130	46HP,ISM N844T/M3	/	01/89 - 01/94	MG138
SR150	52HP,ISM N844T/M3	/	01/89 - 01/94	MG138
SR175	60HP,ISM N844T/M3	/	-	MG138
SV185	60HP,ISM N844T/M3	/	01/98 - 12/01	MG138
SV250	4-cyl,82HP,CASE 434T/E4	/	01/97 -	MG137
	CASE 434T/E4	/	-	MG137
SV300	4-cyl,90HP,CASE 434T/E4	/	01/97 - 12/01	MG137
	CASE 434T/E4	/	01/97 - 12/01	MG137
W11/B/C	4-390	/	01/85 - 12/93	MG279
W14C		/	01/86 - 12/92	MG279
TRACTORS				
100	101HP,4-cyl,NEF	/	01/07 -	MG286

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
105 A	106HP,4-cyl,FPT	/	-	MG223
	FPT	/	-	MG223
105 C	107HP,4-cyl,FPT F5C,Tie4	/	06/13 -	MG223
	FPT F5C	/	06/13 -	MG223
105 U	107HP,4-cyl,FPT F5C,Tie3	/	01/08 -	MG223
	FPT F5C	/	01/08 -	MG223
105 U PRO	107HP,4-cyl,FPT F5C,Tie4	/	07/14 -	MG223
	FPT F5C	/	07/14 -	MG223
1056 XLA	D-358	/	01/86 - 09/90	MG604
110	110HP,NEF Tier 4	/	02/12 -	MG286
	112HP,4-cyl,NEF	/	01/07 - 01/12	MG286
	Cummins 6BT	/	05/97 -	MG279
	NEF	/	01/07 - 01/12	MG286
110 CVX	NEF Tier 4	/	02/12 -	MG286
	110HP,NEF Tier 4	/	07/13 -	MG286
110 U	NEF Tier 4	/	07/13 -	MG286
	115HP,4-cyl,FPT NEF,Tie4	/	-	MG117
115	FPT NEF	/	-	MG117
	116HP,NEF Tier 4	/	02/12 -	MG286
	117HP,6-cyl,NEF,Tier 3	/	01/07 - 03/12	MG286
	NEF	/	01/07 - 03/12	MG286
115 A	NEF Tier 4	/	02/12 -	MG286
	113HP,4-cyl,NEF	/	-	MG223
115 U	NEF	/	-	MG223
	114HP,4-cyl,FPT F5C,Tie3	/	01/08 -	MG223
1150	FPT F5C	/	01/08 -	MG223
1150E		/	01/86 -	MG84
1155E		/	01/89 - 01/94	MG84
	All 12 Volt System	/	-	MG279
115A		/	01/89 - 12/92	MG84
115U		84 / 114	09/12 -	MG223
1190		79 / 107	09/12 -	MG132
1194		84 / 114	09/12 -	MG223
120	3-165,AD3-49/55/164	/	01/80 - 12/83	MG426
	3-165	/	01/83 - 12/84	MG426
120 CVX	121HP,NEF Tier 4	/	02/12 -	MG286
	122HP,4-cyl,NEF	/	01/07 - 12/12	MG286
	4-cyl.,FPT	/	-	MG117
	Cummins 6BT	/	05/97 -	MG279
	FPT	/	-	MG117
	NEF	/	01/07 - 12/12	MG286
	NEF Tier 4	/	02/12 -	MG286
	121HP,NEF Tier 4	/	07/13 -	MG286
1210	NEF Tier 4	/	07/13 -	MG286
	195,4-219	/	01/72 - 01/81	MG426
1212	4.219	/	01/72 - 01/83	MG426
125	125HP,NEF Tier 4	/	02/12 -	MG286
	126HP,6-cyl,NEF,Tier 3	/	01/07 - 01/12	MG286
	127HP,NEF Tier 3	/	11/09 -	MG480
	NEF	/	01/07 - 01/12	MG286
	NEF Tier 3	/	11/09 -	MG480
1290	NEF Tier 4	/	02/12 -	MG286
	4-195	/	01/80 - 01/83	MG426
130	130HP,NEF Tier 4	/	11/10 -	MG480
	131HP,NEF Tier 4	/	02/12 -	MG286
	132HP,4-cyl,NEF	/	01/07 - 01/12	MG286
	4-cyl.,FPT	/	-	MG117
	FPT	/	-	MG117
	NEF	/	01/07 - 01/12	MG286
130 CVT	NEF Tier 4	/	02/12 -	MG286
		/	11/10 -	MG480
	130HP,NEF Tier 4	/	11/10 -	MG480
	NEF Tier 4	/	11/10 -	MG480
130 CVX	131HP,NEF Tier 4	/	07/13 -	MG286
		/	12/10 -	MG480
	NEF Tier 4	/	07/13 -	MG286
135		/	12/10 -	MG480
	6-cyl,NEF TAA 105kW	/	05/08 -	MG567
	Cummins 6BT	/	05/97 -	MG233
	NEF TAA 105kW	/	05/08 -	MG567

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
CASE (CNH GLOBAL) (continued)				
	NEF-6-cyl	/	01/07 -	MG286
1390	4-219	/	01/80 - 01/83	MG426
1394		/	01/84 - 01/88	MG110
	4-219 D	/	01/83 - 01/88	MG212
140	140HR,NEF Tier 4	/	02/12 -	MG286
	141HR,6-cyl,NEF Tier 3	/	01/07 - 01/12	MG233
	142HR,NEF Tier 3	/	11/09 -	MG480
	NEF	/	01/07 - 01/12	MG233
	NEF Tier 3	/	11/09 -	MG480
	NEF Tier 4	/	02/12 -	MG286
140 CVT	142HR,NEF Tier 3	/	12/10 -	MG480
	NEF Tier 3	/	12/10 -	MG480
1410	4-219	/	01/75 - 01/81	MG426
1412		/	01/75 - 01/81	MG426
145	146HR,NEF Tier 4	/	01/11 -	MG286
	NEF Tier 4	/	01/11 -	MG286
145 CVX	146HR,NEF Tier 4	/	12/10 -	MG286
	NEF Tier 4	/	12/10 -	MG286
1455 XL	DT-402	107 / 146	01/79 - 12/96	MG604
1455XLA	DT-402	107 / 146	01/79 - 12/96	MG604
1490	4-219	/	01/80 - 01/83	MG426
1494		/	01/84 - 01/87	MG110
	4-219D	/	01/83 - 01/88	MG212
150	6-cyl,NEF TAA -113kW	/	05/08 -	MG567
	6-cyl,,NEF	/	-	MG567
	NEF TAA -113kW	/	05/08 -	MG567
155	158HR,NEF Tier 3	/	11/08 -	MG480
	NEF Tier 3	/	11/08 -	MG480
1550		/	01/82 -	MG84
	All 12 Volt System	/	01/75 -	MG279
1550C		/	01/88 - 01/94	MG84
1594		/	01/84 - 01/88	MG110
	6-329D	/	01/83 - 01/88	MG212
160	160HR,NEF Tier 4	/	01/11 -	MG286
	NEF Tier 4	/	01/11 -	MG286
160 CVT	160HR,NEF Tier 4	/	12/10 -	MG480
	NEF Tier 4	/	12/10 -	MG480
160 CVX	160HR,NEF Tier 4	/	12/10 -	MG481
	NEF	/	12/10 -	MG481
165	6-cyl,NEF TAA -125kW	/	05/08 -	MG567
	NEF TAA -125kW	/	05/08 -	MG567
1690		/	01/84 - 01/85	MG110
1694		/	01/84 - 01/87	MG110
170	167HR,NEF Tier 4	/	01/11 -	MG30
	NEF Tier 4	/	01/11 -	MG30
170 CVX	167HR,NEF Tier 4	/	12/10 -	MG30
	NEF Tier 4	/	12/10 -	MG30
180	6-cyl,NEF TAA -135kW	/	05/08 -	MG567
	NEF TAA -135kW	/	05/08 -	MG567
180 CVX	182HR,NEF Tier 3	/	12/10 -	MG30
	NEF Tier 3	/	12/10 -	MG30
185	185HR,NEF Tier 4	/	01/11 -	MG30
	NEF Tier 4	/	01/11 -	MG30
185 CVX	185HR,NEF Tier 4	/	12/10 -	MG35
	NEF Tier 4	/	12/10 -	MG35
1896	6-359 Diesel	/	01/84 - 01/89	MG233
200	200HR,NEF Tier 4	/	12/10 -	MG30
	NEF Tier 4	/	12/10 -	MG30
200 CVX	200HR,NEF Tier 4	/	12/10 -	MG35
	NEF Tier 4	/	12/10 -	MG35
2055	All	/	01/90 -	MG490
2096	6-359 Diesel	/	01/84 - 01/89	MG233
2120	3-183	/	01/90 - 12/92	MG156
2130	3-183	/	01/90 - 12/92	MG156
2140	4-244	/	01/88 - 12/92	MG156
215	215HR,NEF Tier 4	/	12/10 -	MG30
	NEF Tier 4	/	12/10 -	MG30

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
215 CVX	215HP,NEF Tier 4	/	12/10 -	MG35
	NEF Tier 4	/	12/10 -	MG35
2150/E	4-244	/	01/90 - 12/92	MG156
220	6-cyl,Cummins MU7 220HP	/	09/06 -	MG269
	Cummins MU7 220HP	/	09/06 -	MG269
225	6-cyl,Cummins MU7 225HP	/	09/06 -	MG269
	Cummins MU7 225HP	/	09/06 -	MG269
225 CVX	224HP,NEF Tier 3	/	01/09 -	MG35
	NEF Tier 3	/	01/09 -	MG35
230 CVX	228HP,NEF Tier 4	/	12/10 -	MG35
	NEF Tier 4	/	12/10 -	MG35
240	6-cyl,Cummins MU7 240HP	/	09/06 -	MG269
	Cummins MU7 240HP	/	09/06 -	MG269
250	252HP,6-cyl,Cummins,Tier 3	/	-	MG269
	6-cyl,Cummins	/	-	MG269
255	6-cyl,Cummins MU7 255HP	/	08/06 -	MG269
270	6-cyl,Cummins MU7 270HP	/	09/06 -	MG269
	Cummins MU7 270HP	/	09/06 -	MG269
280	6-cyl,Cummins MU7 280HP	/	09/06 -	MG269
	Cummins MU7 280HP	/	09/06 -	MG269
305	6-cyl,Cummins MU7 305 HP	/	09/06 -	MG269
	Cummins MU7 305 HP	/	09/06 -	MG269
321	D-239	/	01/86 -	MG124
3220	3-179 Diesel	/	01/94 - 01/97	MG212
335	6-cyl,Cummins MU7 335HP	/	09/06 -	MG269
	Cummins MU7 335HP	/	09/06 -	MG685
385	3-155 Case Diesel	/	01/85 - 01/90	MG212
	3-155 Case Diesel	/	01/91 - 01/93	MG212
4085 KOMPAKT	4-cyl,86HP,FPT F5C,Tier 4	/	-	MG480
4095 KOMPAKT	4-cyl,99HP,FPT F5C,Tier 4	/	-	MG480
4095 MULTI	4-cyl,99HP,FPT F5C,Tie4	/	-	MG480
4105 KOMPAKT	107HP,4-cyl,FPT F5C,Tier 4	/	-	MG480
4105 MULTI	107HP,4-cyl,FPT F5C,Tie 4	/	-	MG223
4110 PROFI CVT	110HP,4-cyl,FPT NEF	/	-	MG480
4110 PROFI/CLASIC	143HP,4-cyl,FPT NEF	/	-	MG480
4120 PROFI	121HP,4-cyl,FPT NEF	/	-	MG480
4130 PROFI	131HP,4-cyl,FPT NEF	/	-	MG480
4210	4-239 Diesel	/	01/94 - 01/97	MG212
4230	4-268 Diesel	/	01/94 - 01/97	MG212
4240	4-268 Diesel	/	01/94 - 01/97	MG212
431	D-310	/	01/86 -	MG124
433	D-155	/	01/86 - 06/90	MG517
			01/86 - 12/92	MG517
433, 433 E	D-155	26 / 35	01/73 - 12/90	MG517
450C		/	01/99 - 01/00	MG84
	All 12 Volt System	/	01/87 - 12/99	MG279
455		/	01/84 - 12/90	MG84
485	3-179 Diesel	/	01/85 - 01/90	MG426
495/XL	3-179 Diesel	/	01/91 - 01/94	MG426
5110 A	4-390	59 / 80	01/88 -	MG279
5120	4-239 Diesel	/	01/90 - 01/91	MG233
	NCE engine	/	01/89 - 01/99	MG279
5120 A	4TA-390	66 / 90	01/90 - 12/97	MG233
5130	6-359 Diesel	/	01/90 - 01/91	MG233
	NCE engines	/	01/88 - 01/94	MG279
5130 A	6-590	74 / 100	01/90 - 12/97	MG233
				MG279
5140	6-359 Diesel	/	01/90 - 01/91	MG233
	NCE engines	/	01/88 - 01/94	MG279
5140 A	6T-590	81 / 110	01/90 - 12/97	MG233
				MG279
5150	NCE engines	/	01/88 - 01/94	MG279
5150 A	6T-590	92 / 125	01/90 - 12/97	MG233
5220	4-239 Diesel	/	01/92 - 01/97	MG233
5230	6-359 Diesel	/	01/92 - 01/97	MG233
5240	6-359 Diesel	/	01/92 - 01/97	MG233
5250	6-359 Diesel	/	01/92 - 01/97	MG233
531	D-310	/	01/86 - 06/86	MG124

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
CASE (CNH GLOBAL) (continued)				
	D-358	/	01/86 - 06/86	MG124
533	D-155	/	01/86 - 06/90	MG517
533 V	D-155	33 / 45	01/73 - 12/90	MG517
533/A	D-155	/	01/86 - 12/92	MG517
5420	NCE engines	/	01/88 - 01/94	MG233
55 C	4-cyl,56HP,FPT NEF	/	12/08 -	MG223
	FPT NEF	/	12/08 -	MG223
585/L/XL	4-206	/	- 12/90	MG426
595/XL	4-206 Case Diesel	/	01/91 - 01/94	MG426
633 V	D-179	38 / 52	01/75 - 12/89	MG212
644/A	D-206	/	01/86 -	MG124
65 C	4-cyl,65HP,FPT NEF	/	12/08 -	MG223
	FPT NEF	/	12/08 -	MG223
685	4-239 Diesel	/	01/85 - 01/90	MG426
695	4-239 Diesel	/	01/91 - 01/94	MG212
7110	505 Diesel	/	01/87 - 01/93	MG490
7120	505 Diesel	/	01/87 - 01/93	MG490
7130	149/169	/	01/88 -	MG490
7140	149/169	/	01/88 -	MG490
	6-504/505 Diesel	/	01/87 - 01/93	MG490
7150	6-504/505 Diesel	/	01/87 - 01/93	MG490
7210	6-504/505 Diesel	/	01/93 - 01/96	MG490
7220	6-504/505 Diesel	/	01/93 - 01/96	MG490
7230	6-504/505 Diesel	/	01/93 - 01/96	MG490
7240	6-504/505 Diesel	/	01/93 - 01/96	MG490
7250	6-505 Diesel	/	01/93 - 01/96	MG490
733, 733 E	D-206	44 / 60	01/80 - 12/89	MG212
75 C	4-cyl,75HP,FPT NEF	/	12/88 -	MG223
	FPT NEF	/	12/88 -	MG223
7730	6-504	/	01/87 - 12/93	MG490
833 E	D-239	49 / 67	01/81 - 12/89	MG517
833/A	D-239	/	01/86 - 12/90	MG517
			09/81 - 12/90	MG517
844 S/SA	D-268	/	01/86 - 12/90	MG124
844/A	D-246	/	01/86 - 12/90	MG124
844A	D-246	55 / 75	01/74 - 12/80	MG124
844XLA	D-268	59 / 80	01/75 - 12/90	MG124
85 A	4-cyl,72HP,FPT F5C	/	-	MG223
	FPT F5C	/	-	MG223
85 C	4-cyl,86HP,FPT F5C,Tie4	/	02/12 -	MG223
	FPT F5C	/	02/12 -	MG223
850D		/	03/76 - 01/88	MG84
	All 12 Volt System	/	01/00 -	MG279
855D		/	06/75 - 01/88	MG84
85C, 95C		63 / 86	09/12 -	MG132
885/N/XL	4-268 Diesel	/	01/85 - 01/90	MG212
8910		/	01/97 -	MG490
8920		/	01/97 -	MG490
8930	505 Diesel	/	- 01/97	MG490
8940		/	01/97 -	MG490
895	4-268 Diesel	/	01/91 - 01/94	MG426
8950	6-504	/	01/97 - 12/98	MG490
9110	6-504	/	01/86 - 01/93	MG490
9130	All	/	01/86 - 01/93	MG490
9150	Cat.3306/L-10/855	/	01/86 - 01/93	MG490
9170	6-855,L-10/855	/	01/86 - 01/93	MG490
9180	6-855,L-10/855	/	01/86 - 01/93	MG490
9210	6-504	/	01/90 - 01/96	MG490
9230	6-504	/	01/90 - 01/96	MG490
9240	6-504	/	01/90 - 01/96	MG490
9380		/	01/95 -	MG490
9390		/	01/95 -	MG490
95 A	4-cyl,95HP,FPT NEF	/	-	MG223
	FPT NEF	/	-	MG223
95 C	4-cyl,99HP,FPT F5C,Tie4	/	02/12 -	MG223
	FPT F5C	/	02/12 -	MG223
95 U	4-cyl,99HP,FPT F5C,Tie3	/	01/08 -	MG223

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
95 U PRO	FPT F5C	/	01/08 -	MG223
	4-cyl,99HR,FPT F5C,Tie4	/	07/12 -	MG223
	FPT F5C	/	07/12 -	MG223
959	4-206 Case	/	01/91 - 01/94	MG212
95U		73 / 99	09/12 -	MG132
9830		/	01/96 -	MG490
988	Cummins 6T5.90	/	11/96 -	MG84
995	4-268D	/	01/91 - 01/94	MG212
C 100	4-244 Diesel	/	01/98 - 01/99	MG216
C 50	3-165 Diesel	/	01/98 -	MG216
C 60	3-165 Diesel	/	01/98 -	MG216
C 70	MWM	/	01/92 - 12/99	MG216
C 80	4-244 Diesel	/	01/98 - 01/99	MG216
C 90	4-244 Diesel	/	01/98 - 01/99	MG216
CS 660	209kW,6-cyl,Cummins 8.3 TAA	/	05/04 -	MG404
	Cummins 8.3 TAA	/	05/04 -	MG404
CVX 150	150HR,6cyl,Turbo,Sisu	/	01/00 - 05/03	MG177
	Sisu	/	01/00 - 05/03	MG177
CVX 160	160HR,6-cyl,Sisu 620.62	/	01/07 - 12/09	MG177
	Sisu 620.62	/	01/07 - 12/09	MG177
CVX 170	170HR,6cyl.Turbo,Sisu 620.90	/	01/00 - 12/03	MG177
	Sisu 620.90	/	01/00 - 12/03	MG177
CX 100	4-X84 Diesel	/	01/98 - 01/99	MG216
CX 50	3cyl.,903.27	/	01/98 - 12/00	MG348
CX 70	G4.0T,Perkins G4.0	/	01/97 - 12/00	MG403
CX 80	G4.0T,Perkins G4.0	/	01/98 - 12/00	MG216
CX 90	G4.0T,Perkins G4.0	/	01/98 - 12/00	MG216
M9078A		/	01/98 -	MG233
M9086A		/	01/98 -	MG233
M9094A		/	01/98 -	MG233
M968A		/	01/98 -	MG279
M975A		/	01/98 -	MG279
MC 100	4TWG	/	-	MG403
MC 80	4T	/	-	MG403
MC100	Perkins 4TWG	/	-	MG348
MC70		/	-	MG348
MX100	6-359 Diesel	/	01/97 - 01/99	MG233
MX110	6-359 Diesel	/	01/97 - 01/99	MG233
MX120	6-359 Diesel	/	01/97 - 01/99	MG233
MX135	6-359 Diesel	/	01/97 - 01/99	MG233
MX150		/	01/98 -	MG233
MX170		/	01/98 -	MG233
MX200		/	01/97 -	MG575
MX220		/	01/97 -	MG575
MX240		/	01/97 -	MG575
MX270		/	01/97 -	MG575
MX5-1		/	01/96 -	MG212
MXC 100C	4-244 Diesel	/	01/98 - 01/99	MG233
MXC 80C		/	01/98 -	MG233
MXC 90C		/	01/97 -	MG233
MXM 120		/	01/02 -	MG404
MXM 130		/	01/02 -	MG404
MXM 140		/	01/02 -	MG404
MXM 155		/	01/02 -	MG404
MXM 175		/	01/02 -	MG404
MXM 190		/	01/02 -	MG404
MXU 100		/	07/03 -	MG286
MXU 110		/	07/03 -	MG286
MXU 115		/	07/03 -	MG286
MXU 125		/	07/03 -	MG286
MXU 130		/	07/05 -	MG286
MXU 135		/	07/03 -	MG286
STX	QSX15	/	-	MG41
STX280	6-505	/	01/06 -	MG9
STX325 ACCUSTEER		/	01/00 -	MG575
STX325 WHEELED		/	01/00 -	MG575
STX375 QUADTRAC		/	01/00 -	MG575
STX375 SCRAPER		/	01/00 -	MG575
STX375 STEIGER		/	01/00 -	MG575
STX375 WHEELED&HEAVY DUTY		/	01/00 -	MG575

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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CASE (CNH GLOBAL) (continued)

STX425		/	01/00 -	MG575
STX425 QUADTRAC		/	01/00 -	MG575
STX425 SCRAPER		/	01/00 -	MG575
STX440		/	01/00 -	MG575
STX450		/	01/00 -	MG575
STX450 QUADTRAC		/	01/00 -	MG575
STX450 SCRAPER		/	01/00 -	MG575
STX5000		/	01/00 -	MG575
T 7030	6-cyl,NEF	/	-	MG30
	6-cyl,NEF,Tier III (167HP)	/	-	MG30
T 7040	6-cyl,NEF,Tier III (182HP)	/	-	MG30
	NEF	/	-	MG30
T 7050	6-cyl,NEF,Tier III (197HP)	/	-	MG30
	NEF	/	-	MG30
T 7060	6-cyl,NEF,Tier III (213HP)	/	-	MG30
	NEF	/	-	MG30
T 7070	6-cyl,NEF	/	-	MG30
	6-cyl,NEF,Tier III (225HP)	/	-	MG30
TV 6070	NEF	/	-	MG764

WHEEL LOADERS

621		/	01/89 - 01/94	MG84
721		/	01/86 -	MG84
821		/	01/00 -	MG84
921		/	-	MG84
W11B		/	01/86 - 12/92	MG84
W14C		/	01/92 - 01/96	MG84
W36		/	01/92 - 01/96	MG84

WINDROWERS

4000	225-Gas,232/258//239D	/	01/86 - 12/92	MG279
5000	225/232/258-Gas//239D	/	01/86 - 12/92	MG279
8830		/	01/83 - 01/97	MG279
8840		/	01/87 - 01/93	MG279
9840		/	01/87 - 12/93	MG279

CASE STEYR

TRACTORS

1100A	WD610.40	/	07/71 - 09/77	MG357
1108/1400A	WD610.44	/	-	MG371
1200A	WD610.41	/	11/72 - 12/75	MG371
	WD610.43	/	11/72 - 12/75	MG371
4105 MULTI	FPT	/	01/13 -	MG132
4120 PROFI CVT	FPT	/	01/13 -	MG481
540	WD210.40,WD308	/	-	MG371
545 SUPER	WD308.45	/	01/78 - 12/82	MG371
548 A	WD308.45	/	03/77 - 12/79	MG371
6125 PROFII/CLASIC	125HP,6-cyl,FPT,NEF	/	-	MG286
6130 CVT	131HP,6-cyl,FPT,Tier 4	/	-	MG481
6135 PROFII	135HP	/	-	MG286
6140 PROFII/CLASIC	140HP,6-cyl,FPT,NEF	/	-	MG480
6145 CVT	146HP,6-cyl,FPT,Tier 4	/	-	MG481
6160 CVT	1560HP,6-cyl,FPT,Tier 4	/	-	MG481
6170 CVT	167HP,6-cyl,FPT,Tier 4	/	-	MG481
6185 CVT	185HP,6-cyl,FPT,Tier 4	/	-	MG481
6205 CVT	215HP,6-cyl,FPT,Tier 4	/	-	MG481
6230 CVT	228HP,6-cyl,FPT,Tier 4	/	-	MG481
658/A	WD408.42	/	03/77 - 12/79	MG371
760 SUPER	WD408.43	/	01/78 - 12/82	MG371
768/A	WD408.43	/	03/77 - 12/79	MG371
8055	WD311.44	/	02/82 - 09/86	MG371
8055 A	WD311.45	/	02/82 - 09/86	MG371
	WD311.46	/	10/92 -	MG626
	WD311.47	/	09/86 -	MG371
8060	WD311.41	/	01/80 - 02/87	MG371
8060 A	WD311.40	/	01/80 - 02/87	MG371

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
8060 A/T	WD311.87	/	02/87 -	MG626
8065 A	WD311.85	/	09/86 -	MG371
				MG626
8070	WD411.42	/	01/80 - 09/84	MG371
8070 A	44,WD311.43	/	10/92 -	MG626
	WD411.41	/	01/80 - 09/84	MG371
8075 A	46,WD411.45	/	01/84 -	MG371
			10/92 -	MG626
8080	WD411.68	/	01/80 - 06/85	MG371
8080 A	90,WD411.89	/	06/84 -	MG626
	WD411.85	/	01/80 - 06/85	MG371
8085 A	WD411.92	/	10/92 -	MG626
8090 A	88,WD411.87	/	01/84 -	MG371
			10/92 -	MG626
8100 A	WD611.40	/	12/78 - 12/88	MG371
8110 A	43,WD611.42	/	07/84 -	MG371
			10/92 -	MG626
8120 A	WD611.85/86	/	09/78 - 07/84	MG371
8130 A	88,WD611.87	/	07/84 -	MG371
			10/92 -	MG626
8140 A	WD612.40	/	06/77 - 12/82	MG371
8150 A	WD612.87	/	10/92 -	MG626
			12/82 -	MG371
8160 A	WD612.85	/	06/74 - 12/81	MG371
8165 A	WD612.86	/	06/86 -	MG626
			10/92 -	MG626
8170 A	WD612.89	/	05/81 - 12/88	MG371
950		/	-	MG604
960		/	-	MG604
970		/	-	MG604
980 A	WD412.40	/	04/76 - 09/77	MG371
988 A	WD412.41	/	06/77 - 03/79	MG371

CATERPILLAR

BACKHOE LOADERS

416	Perkins 4-236	/	-	MG279
416B	Perkins 3054	/	-	MG233
426B	Perkins 3054	/	-	MG233
428	Perkins 4-236	/	-	MG279
428B	Perkins 3054	/	-	MG233
436	236,Perkins 4	/	-	MG279
436B	Perkins 3054	/	-	MG233
438B	Cat. 3114	/	-	MG233
	Perkins 3054	/	-	MG233
446B	Cat. 3114	/	-	MG233

LIFT TRUCKS

T40E		/	07/80 - 12/81	MG279
T50E		/	06/76 - 12/81	MG279
TC60E		/	06/76 - 12/81	MG279
TH103 TELEHANDLER	Cat. 3054	/	11/81 - 12/85	MG241
TH63 TELEHANDLER	Cat 3054	/	11/81 - 03/82	MG241

TOOL CARRIERS

IT14B		/	01/97 -	MG241
IT14F	Cat. 314	/	11/81 - 12/85	MG241
IT14G	Cat. 3024	/	06/88 - 12/90	MG241
IT18F	Cat. 3114	/	11/81 - 12/85	MG241
TH63	Perkin 3054	/	06/88 - 12/90	MG241

WINDROWERS

SP165		/	06/88 - 12/90	MG233
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CEDAR RAPIDS

SPECIALITY VEHICLES

3042JP		/	01/86 - 01/88	MG84
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Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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CHALLENGER

FARM EQUIPMENT

RG1100	AGCO P.252kW,Tier 4i	/	-	MG760
RG1300	AGCO P.276kW,Tier 4i	/	-	MG760
TG845	AGCO P.,CTA,Tier 4	320 / 435	-	MG756

CLAAS

COMBINES

310	185HR6-cyl,OM906LA	/	-	MG570
320	200HR6-cyl,OM906LA	/	-	MG570
330	220HR6-cyl,OM906LA	/	-	MG570
340	245HR6-cyl,OM906LA	/	-	MG570
350	6-cyl,OM906LA	/	-	MG570
360	6-cyl,OM906LA	/	-	MG570
48	Perkins-4.236	/	06/78 - 10/88	MG604
66	Perkins-6.354.4	/	12/83 - 10/85	MG438
76	Perkins-6.372	/	06/78 - 10/85	MG604
770/770 TERRA TRAC	370kW,MB,Tier 4i	/	01/14 -	MG131
				MG755
780/780 TERRA TRAC	405kW,MB,Tier 4i	/	01/14 -	MG131
				MG755
850		/	-	MG3
86	MB-OM352	/	01/81 - 10/85	MG604
96	MB-OM352A	/	09/79 - 10/85	MG604

TELEHANDLER

6030	6 L4,90kW,TCD 3,Tier 4i	/	-	MG52
	6 L4,TCD 3	/	-	MG52
7030	6 L4,90kW,TCD 3,Tier 4i	/	-	MG52
	6 L4,TCD 3	/	-	MG52
7035	6 L4,90kW,TCD 3,Tier 4i	/	-	MG52
	6 L4,TCD 3	/	-	MG52
7044	6 L4,90kW,TCD 3,Tier 4i	/	-	MG52
	6 L4,TCD 3	/	-	MG52
7055	1 L4,115kW,TCD 4,Tier 4i	/	-	MG52
	1 L4,TCD 4	/	-	MG52
9055	1 L4,115kW,TCD 4,Tier 4i	/	-	MG52
	1 L4,TCD 4	/	-	MG52

TRACTORS

210	4 cyl,53kW,FPT,Tier 4	/	-	MG146
	FPT	/	-	MG146
210 F/VE/VL	4 cyl,53kW,FPT,Tier 4	/	-	MG146
	FPT	/	-	MG146
220	4 cyl,57kW,FPT,Tier 4	/	-	MG146
	FPT	/	-	MG146
220 F/VE/VL	4 cyl,57kW,FPT,Tier 4	/	-	MG146
	FPT	/	-	MG146
230		65 / 88	01/12 -	MG146
	4 cyl,Tier 4,65kW,FPT	/	-	MG146
	FPT	/	-	MG146
230 F/VE/VL	4 cyl,Tier 4,65kW,FPT	/	-	MG146
	FPT	/	-	MG146
240 F/VE/VL	4 cyl,74kW,FPT,Tier 4	/	-	MG146
310	1104D-44T,55kW,Tier 3	/	-	MG349
320	1104D-44T,64kW,Tier 3	/	-	MG349
330	1104D-44T,68kW,Tier 3	/	-	MG349
340	1104D-44T,75kW,Tier 3	/	-	MG349
410	4-cyl,74kW,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 100HP	/	-	MG484
410 CIS	4-cyl,83kW,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 113HP	/	-	MG484
420	4-cyl,81kW,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 110HP	/	-	MG484
420 CIS	4-cyl,90kW,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 122HP	/	-	MG484
430	4-cyl,89kW,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 121HP	/	-	MG484

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
430 CIS	4-cyl,98kW,DPS,Tier 4	/	-	MG327
	DPS 4-cyl 133HP	/	-	MG484
500 CMATIC	Stage IIIB	/	-	MG275
500 HEXASHIFT	Stage IIIB	/	-	MG275
510	DPS 4-cyl 110HP	/	-	MG484
520	DPS 4-cyl 120HP	/	-	MG484
530		103 / 140	01/12 -	MG484
				MG610
	105kW,4-cyl,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 130HP	/	-	MG484
540		110 / 150	01/12 -	MG484
				MG610
	113kW,4-cyl,DPS,Tier 4	/	-	MG275
	DPS 4-cyl 135HP	/	-	MG484
550		116 / 158	01/12 -	MG484
				MG610
	121kW,4-cyl,DPS,Tier 4	/	-	MG275
557 ATZ		/	-	MG339
600 CMATIC	Stage IIIB	/	-	MG275
600 HEXASHIFT	Stage IIIB	/	-	MG275
610	DPS 6-cyl 120HP	/	-	MG484
610 C	DPS 6-cyl 130HP	/	-	MG484
620		110 / 150	01/12 -	MG484
				MG610
	114kW,6-cyl,DPS,Tier 4	/	-	MG275
	DPS 6-cyl 135HP	/	-	MG484
620 C	DPS 6-cyl 140HP	/	-	MG484
630		117 / 160	01/12 -	MG484
				MG610
	121kW,6-cyl,DPS,Tier 4	/	-	MG275
	DPS 6-cyl 145HP	/	-	MG484
630 C	DPS 6-cyl 155HP	/	-	MG484
640		124 / 168	01/12 -	MG484
				MG610
	128kW,6-cyl,DPS,Tier 4	/	-	MG275
	DPS 6-cyl 155HP	/	-	MG484
650		129 / 175	01/12 -	MG484
				MG610
	129kW,6-cyl,DPS,Tier 4	/	-	MG275
810	153kW,6-cyl,FPT,Tier 4	/	-	MG225
	J. Deere DPS 6-cyl 170HP	/	-	MG5
820		139 / 188	01/12 -	MG610
	J. Deere DPS 6-cyl 189HP	/	-	MG5
830	168kW,6-cyl,FPT,Tier 4	/	-	MG225
840	J. Deere DPS 6-cyl 212HP	/	-	MG5
850	186kW,6-cyl,FPT,Tier 4	/	-	MG225
	J. Deere DPS 6-cyl 233HP	/	-	MG5
TRACTORS	John Deere	/	-	MG5

CRYSTAL TRACTOR

TRACTORS

ORION 13	Sisu Diesel	/	-	MG177
ORION 16	Sisu Diesel	/	-	MG177

DAEWOO

LIFT TRUCKS

D20S		/	01/94 -	MG279
D25S		/	-	MG279
D30S		/	-	MG279
D35S		/	01/00 -	MG279
D40S		/	01/00 -	MG279
D45S		/	-	MG279
G20		/	01/00 -	MG279
G20S		/	01/96 -	MG279
G25/S		/	01/96 -	MG279
G30S		/	01/96 -	MG279
G35S		/	01/96 -	MG279
G40S		/	01/96 -	MG279

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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DAEWOO (continued)

GC20/S		/	01/97 -	MG279
GC25/S		/	01/99 -	MG279
GC30S		/	01/97 -	MG279

WHEEL LOADERS

MEGA 200-III		/	01/96 -	MG548
MEGA 300-III	D2366NA	/	04/80 - 12/87	MG547
MEGA 400-III	D2366T	/	04/74 - 12/78	MG547

DAVID BROWN

TRACTORS

1180		/	-	MG236
1190	165004	/	-	MG236
1194	165004	/	-	MG236
1210	455009/455031	/	-	MG236
1212	455009/455031	/	-	MG236
1290	2200004/2200002	/	-	MG236
1294	220008	/	-	MG236
1390	2200004/2200002	/	-	MG236
1394	220103	/	-	MG236
1410	455011	/	-	MG236
1412	455011	/	-	MG236
1490	220101	/	-	MG236
1494	220105	/	-	MG236
1594	330002	/	-	MG236
1690	330001	/	-	MG236
1694	330102	/	-	MG236
885		/	-	MG236
890		/	-	MG236
990	449001	/	-	MG236
995	455051/455071	/	-	MG236
996	455051/455071	/	-	MG236

DE PIETRI

FARM EQUIPMENT

TR100DTS/DTN	4cyl.Tier 3,NEF	/	-	MG117
	NEF	/	-	MG117

DEUTZ-FAHR

COMBINES

6040	1 L6,184kW,TCD6,Tier 4i	/	-	MG29
6040 HTS	1 L6,184kW,TCD6,Tier 4i	/	-	MG29
6060	1 L6,184kW,TCD6,Tier 4i	/	-	MG29
6060 HTS	1 L6,211kW,TCD6,Tier 4i	/	-	MG29
6065 HTS	226kW,8 L6,TCD7,Tier 4i	/	-	MG29
6090	226kW,8 L6,TCD7,Tier 4i	/	-	MG29
6090 HTS	226kW,8 L6,TCD7,Tier 4i	/	-	MG29
6095 HTS	267kW,8 L6,TCD7,Tier 4i	/	-	MG29
6240	3-172D	/	01/86 - 01/92	MG209
6250	3-172D	/	01/83 - 01/92	MG209
6260	3-187D	/	01/86 - 01/92	MG209
6265	4-230D	/	01/89 - 01/92	MG209
6275	4-249D	/	01/89 - 01/92	MG209
7085	4-249D	/	01/87 - 01/92	MG209
C 9205 TS	226kW,8 L6,TCD7,Tier 4i	/	-	MG29
C 9205 TSB	226kW,8 L6,TCD7,Tier 4i	/	-	MG29
C 9206 TS	267kW,8 L6,TCD7,Tier 4i	/	-	MG29
C 9206 TSB	226kW,8 L6,TCD7,Tier 4i	/	-	MG29
DH 9000 A		/	-	MG29
M1080	F5L912	/	01/87 - 01/94	MG209
M1202	F5L912	/	01/87 - 01/94	MG209
M2385	F6L912	/	01/82 - 12/94	MG659

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
TRACTORS				
100	BF4M2012C	/	-	MG314
120	118HP,6-cyl,BF6M2012C	/	01/05 - 12/07	MG344
130	128HP,6-cyl,BF6M2012C	/	01/05 - 12/07	MG344
150	150HP,6-cyl,BF6M2012C	/	01/05 - 12/07	MG344
150.7	150HP,6-cyl,BF6M1013C	/	-	MG344
165.7	170HP,6-cyl,BF6M1013C	/	-	MG344
180.7	170HP,6-cyl,BF6M1013C	/	-	MG344
2002	F3L412	/	01/73 - 12/76	MG124
2003	F4L912H	/	08/75 - 05/80	MG124
2004	F4L912	/	05/78 - 08/88	MG124
				MG626
3.30	F3L 912	40 / 54	05/86 -	MG209
				MG626
3.60	F 4L 912	47 / 65	01/86 - 12/95	MG209
				MG626
3.70	F 4L 912	51 / 70	01/85 - 12/89	MG209
				MG626
3.80 VARIOCAB/STARCAB	F4L 913D	55 / 74	01/85 - 12/90	MG209
				MG626
3.90	F 4L 913 D	55 / 75	01/85 - 12/89	MG209
				MG626
310 ECOLINE		46 / 63	01/09 -	MG515
310/310-CAB	62HPSAME 1000.3 WVT	/	01/10 -	MG515
310/F ECOLINE	63HRSDF1000.3	/	01/09 -	MG515
315 ECOLINE		53 / 72	01/10 -	MG515
315/F ECOLINE	72HPSDF1000.3	/	01/09 -	MG515
320 ECOLINE		60 / 82	01/09 -	MG515
320/320-CAB	72HPSAME 1000.3 WTI	/	01/10 -	MG515
320/F ECOLINE/S/V	82HPSDF1000.3 WTI	/	01/09 -	MG515
330 S/V	90HPSDF1000.3 WTI	/	01/09 -	MG515
405 F ECOLINE	SDF1000.4 WTI 80HP	/	01/12 -	MG515
410	75HPSAME 1000.4 WTI	/	01/12 -	MG515
	75kW,SDF1000.4,Tier 3	/	01/12 -	MG515
410 ECOLINE		63 / 86	01/09 -	MG515
410 G	73kW,Deutz BF4M2012C	/	12/12 -	MG314
410 T/TB	5kW,65,Deutz BF4M2012C	/	01/12 -	MG314
410/F ECOLINE/S/V	SDF1000.4 WTI 85HP	/	01/09 -	MG515
420		70 / 95	01/09 -	MG515
	TD 2012 L04	70 / 95	01/10 -	MG314
420 T/TB	73kW,Deutz BF4M2012C	/	01/12 -	MG314
420/F ECOLINE/S/V	SDF1000.4 WTI 96HP	/	01/09 -	MG515
430 F/S/V	SDF1000.4 WTI 106HP	/	01/09 -	MG515
430 G	80kW,Deutz BF4M2012C	/	01/12 -	MG314
5100	5kW,6 L4,72,TCD3,Tier 4i	/	01/12 -	MG52
	6 L4,TCD3	/	01/12 -	MG52
5100 TTV	5kW,6 L4,72,TCD3,Tier 4i	/	01/12 -	MG52
	6 L4,TCD3	/	01/12 -	MG52
5110	6 L4,81kW,TCD3,Tier 4i	/	01/12 -	MG52
	6 L4,TCD3	/	01/12 -	MG52
5110 TTV	6 L4,81kW,TCD3,Tier 4i	/	01/12 -	MG29
5120	6 L4,87kW,TCD3,Tier 4i	/	01/12 -	MG52
	6 L4,TCD3	/	01/12 -	MG52
5120 TTV	6 L4,87kW,TCD3,Tier 4i	/	01/12 -	MG29
5130	6 L4,93kW,TCD3,Tier 4i	/	01/12 -	MG52
	6 L4,TCD3	/	01/12 -	MG52
5130 TTV	6 L4,93kW,TCD3,Tier 4i	/	01/12 -	MG29
57		38 / 51	01/06 -	MG515
	52HPSAME 1000.3	/	01/06 - 12/09	MG515
6.06	F6L 912	74 / 100	01/90 - 12/95	MG209
6.16	F6L 913D	85 / 116	01/91 - 12/95	MG209
6.30	B6L913/BF6L913T	/	01/88 -	MG314
	F6L913	/	01/88 - 12/88	MG210
6.30 TURBO	BF6L913 T	/	01/89 -	MG597
6.30TURBO	BF6L913T	/	01/89 - 12/91	MG210
6.50 T	BF6L913	/	01/88 -	MG597
6.60 TURBO	BF6L913	/	01/88 -	MG210
60 A	60HRF3L913	/	01/96 - 12/04	MG353
610 TTV		/	-	MG29
6120.4	1 L4,87kW,TCD4,Tier 4i	/	01/12 -	MG29

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
DEUTZ-FAHR (continued)				
	1 L4,TCD4	/	01/12 -	MG29
6120.4 TTV	1 L4,87kW,TCD4,Tier 4i	/	01/12 -	MG29
	1 L4,TCD4	/	01/12 -	MG29
6130.4	1 L4,94kW,TCD4,Tier 4i	/	01/12 -	MG29
6130.4 TTV	1 L4,94kW,TCD4,Tier 4i	/	01/12 -	MG52
	1 L4,TCD4	/	01/12 -	MG52
6140.4	1 L4,99kW,TCD4,Tier 4i	/	01/12 -	MG29
6140.4 TTV	1 L4,99kW,TCD4,Tier 4i	/	01/12 -	MG29
6150	1 L6,110kW,TCD6,Tier 4i	/	01/13 -	MG29
	1 L6,TCD6	/	01/13 -	MG29
6150.4	1 L4,110kW,TCD4,Tier 4i	/	01/12 -	MG29
6150.4 TTV	1 L4,110kW,TCD4,Tier 4i	/	01/12 -	MG29
6160	1 L6,122kW,TCD6,Tier 4i	/	01/13 -	MG29
6160 TTV	1 L6,116kW,TCD6,Tier 4i	/	01/13 -	MG29
	1 L6,TCD6	/	01/13 -	MG29
6160.4	1 L4,122kW,TCD4,Tier 4i	/	01/12 -	MG29
6160.4 TTV	1 L4,116kW,TCD 4,Tier 4i	/	01/13 -	MG29
6180	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MG29
6180 TTV	1 L6,123kW,TCD6,Tier 4i	/	01/13 -	MG29
6190	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MG29
6190 TTV	1 L6,138kW,TCD6,Tier 4i	/	01/13 -	MG29
620 TTV		/	-	MG29
65	62HPSAME 1000.3 WT	/	01/10 -	MG515
65, 310		46 / 62	01/10 -	MG515
67		51 / 69	01/06 -	MG515
	70HPSAME 1000.3	/	01/06 - 12/09	MG515
7210 ST	1 L6,139kW,TCD6,Tier 4i	/	01/12 -	MG52
	1 L6,TCD6	/	01/12 -	MG52
7210 TTV	1 L6,165kW,TCD6,Tier 4i	/	01/12 -	MG29
7220 ST	1 L6,157kW,TCD6,Tier 4i	/	01/12 -	MG52
	1 L6,TCD6	/	01/12 -	MG52
7230 TTV	1 L6,180kW,TCD6,Tier 4i	/	01/12 -	MG29
7250 TTV	1 L6,194kW,TCD6,Tier 4i	/	01/12 -	MG29
75	72HPSAME 1000.3 WTI	/	01/10 -	MG515
75, 320		53 / 72	01/10 -	MG515
80	BF4M2012C	/	-	MG314
D 140	BF6L913	/	05/78 - 10/85	MG659
D 145	BF6L913	/	07/80 - 10/85	MG659
D 160	BF6L913	/	05/78 - 10/85	MG659
D 250	BF6L413FR	/	01/82 - 10/85	MG659
D 2807	F2L912	/	09/86 - 01/93	MG626
D 3607	F2L912	/	09/86 - 01/93	MG626
D 4506	F3L912	/	02/79 - 06/80	MG124
D 4507/C	F3L912	/	01/80 - 12/90	MG124
D 4807/C	F3L912	/	01/80 - 12/81	MG124
D 5006	F3L912	/	01/68 - 12/74	MG124
D 5206	F3L912	/	01/75 - 12/80	MG124
D 5207/C	F3L912	/	01/81 - 12/84	MG124
D 6007/C	F3L913	/	01/83 - 12/85	MG124
D 6206	F4L912	/	02/79 - 06/80	MG124
D 6207/C	F4L912.44	/	07/80 - 07/82	MG124
D 6507/C	F4L912	/	07/82 - 10/84	MG124
D 6806	F4L912	/	02/79 - 06/80	MG124
D 6807/C	F6L912	/	06/86 - 12/94	MG209
D 7007	F4L912	/	09/83 - 01/94	MG626
				MG659
D 7206	F4L912	/	02/79 - 06/80	MG124
				MG659
D 7207/C	F4L912.51	/	07/80 - 07/81	MG124
D 7807/C	F4L913.55	/	07/80 - 07/81	MG124
DX 110	F6L912	/	05/78 - 10/85	MG124
DX 120	F6L913	/	01/81 - 12/85	MG124
DX 3.10/A	F3L912	/	09/88 - 01/94	MG626
DX 3.10/V/F	F3L912	/	06/86 - 12/94	MG626
DX 3.30/A	F3L912	/	09/88 - 01/94	MG626
DX 3.30/V/F	F3L912	/	09/86 - 12/94	MG626
DX 3.50/A	F3L913	/	09/86 - 01/94	MG626

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
DX 3.57	60HRPF3L913	/	01/91 - 12/95	MG209
DX 3.60	F2L912	/	07/78 - 10/85	MG124
DX 3.60/A	F4L912	/	09/86 - 01/94	MG626
DX 3.70/A	F4L912	/	09/86 - 01/94	MG626
DX 3.70/F/V	F4L912	/	06/86 - 12/94	MG626
DX 3.80	F4L913	/	09/88 - 01/94	MG626
DX 3.90/A	F4L913	/	06/86 - 12/94	MG626
DX 3.90V/F	F4L913	/	06/86 - 12/94	MG626
DX 4.07	65HRPF4L912	/	01/91 - 12/95	MG209
DX 4.10	F4L912	/	09/88 - 01/94	MG626
DX 4.17	75HRPF4L913	/	01/91 - 12/95	MG209
DX 4.30/A	F4L913	/	01/86 - 12/94	MG626
DX 4.31	F 4L 913 D	55 / 75	01/89 - 12/95	MG209
	F4L913	/	01/91 - 12/94	MG626
DX 4.47	85HRPF4L913	/	01/93 - 12/95	MG209
DX 4.50/A	BF4L913T	/	09/88 - 01/94	MG626
DX 4.51	BF 4L 913	60 / 82	01/89 - 12/95	MG209
	BF4L913T	/	01/90 - 12/94	MG626
DX 4.56	90HRPBF4L913	/	01/91 - 12/95	MG314
DX 4.57	90HRPBF4L913	/	01/91 - 12/95	MG314
DX 4.61	88HRPBF4L913	/	01/90 - 12/93	MG314
DX 4.68	88HRPBF4L913	/	01/93 - 12/93	MG314
DX 4.70/A	BF4L913	/	09/88 - 12/94	MG626
DX 4.71	95HRPBF4L913	/	01/90 - 12/93	MG314
DX 4.78	100HRPBF4L913	/	01/93 - 12/93	MG314
	BF4L 913	74 / 100	01/93 - 12/93	MG209
DX 50V	F3L912	/	05/78 - 10/85	MG124
DX 6.05	F6L 912	72 / 97	01/87 - 12/91	MG209
	F6L912	/	09/86 - 01/94	MG626
DX 6.06	100HRPF6L912	/	01/90 - 12/95	MG314
DX 6.07	90HRPF6L912	/	01/91 - 12/95	MG314
DX 6.08	107HRPBF6L913	/	01/90 - 12/93	MG314
	107HRPF6L912	/	01/93 - 12/95	MG314
DX 6.10/A	F6L912	/	09/86 - 01/94	MG209
				MG626
DX 6.11	110HRPF6L913	/	01/90 - 12/93	MG314
DX 6.16	110HRPF6L913	/	01/91 - 12/95	MG314
DX 6.17	112HRPF6L913	/	01/91 - 12/95	MG314
DX 6.21	100HRPBF6L913	/	01/90 - 12/93	MG314
DX 6.28	115HRPF6L913	/	01/93 - 12/95	MG314
DX 6.30/A	F6L913	/	09/86 - 01/94	MG626
DX 6.31/A	120HRPBF6L913T	/	01/90 - 01/94	MG597
	BF6L913T	/	01/90 - 01/94	MG626
				MG597
DX 6.38	125HRPBF6L913T	/	01/90 - 12/93	MG314
DX 6.50/A	BF6L913	/	06/84 - 12/94	MG210
				MG626
DX 6.60	BF6L913	/	01/88 - 01/94	MG209
				MG626
DX 6.61	143HRPBF6L913T	/	01/90 - 12/95	MG314
DX 7.10/A	BF6L913	/	06/86 - 12/94	MG597
				MG626
DX 8.30A	6-584	/	01/84 - 01/85	MG314
DX 80	F4L913	/	07/82 - 10/85	MG124
DX 85	F5L912	/	05/78 - 10/85	MG124
DX 86	BF4L913T	/	07/82 - 10/85	MG124
DX 90	F5L912	/	01/79 - 12/85	MG124
DX 92	BF4L913	/	09/82 - 10/85	MG124
	BF4L913T	/	01/82 - 10/85	MG124
F 100 DT	1000.4WT	/	-	MG540
F 400	63kW,SDF1000.4,Tier 3	/	01/12 -	MG515
F 410	70kW,SDF1000.4,Tier 3	/	01/12 -	MG515
F 70 DT	1000.3WT	/	-	MG540
F 75 DT	1000.4W	/	-	MG540
F 90 DT	1000.4WT	/	-	MG540
K410	TCD2012 L04	/	01/08 -	MG314
K420	TCD2012 L04	/	01/08 -	MG314
K430	TCD2012 L04	/	01/08 -	MG314

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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DEUTZ-FAHR (continued)

K610	TCD2012 L04	/	-	MG314
L710	189kW,TCD2013 L06 2V,Tier 3	/	01/11 -	MG29
L730	213kW,TCD2013 L06 2V,Tier 3	/	01/11 -	MG29
M 1002	KHD-F5L912	/	08/78 - 12/81	MG124
	KHD-F6L912	/	08/78 - 01/80	MG124
M 1080	KHD-F5L912	/	01/81 - 08/88	MG124
			09/88 -	MG626
M 1202	KHD-F5L912	/	09/88 -	MG626
	KHD-F6L912	/	01/80 - 08/88	MG124
			02/79 - 01/80	MG124
M 1320	KHD-F6L913	/	01/80 - 12/87	MG314
				MG659
M 1322	KHD-BF6L913	/	01/80 - 12/87	MG659
M 1322H	KHD-BF6L913	/	01/80 - 12/87	MG659
M 1322HA	KHD-BF6L913	/	06/80 - 12/87	MG659
M 1620H	KHD-F8L413F	/	01/80 - 12/87	MG659
M 2385		/	01/82 -	MG314
	F6L912	/	01/82 -	MG210
	KHD-F6L912	/	01/82 - 12/91	MG659
M 2480	KHD-F6L912	/	01/79 - 12/87	MG314
				MG659
M 2580	KHD-F6L913	/	01/79 - 12/87	MG314
				MG659
M 2680	KHD-F6L913	/	01/79 - 12/87	MG659
M 2685	KHD-BF6L913	/	01/79 - 12/87	MG659
M 2780	KHD-BF6L913	/	01/83 - 12/87	MG659
M 2780H	KHD-BF6L913	/	01/83 - 12/87	MG659
M 600	KHD-F3L912	/	02/79 - 12/80	MG124
M 660	KHD-F3L912	/	01/80 - 12/87	MG124
M 750	KHD-F4L912	/	08/78 - 12/80	MG124
M 770	KHD-F4L912	/	01/80 - 12/87	MG124
M 900	KHD-F4L912	/	08/78 - 12/79	MG124
M 922	KHD-F4L912	/	02/79 - 12/81	MG124
M 980	KHD-F4L912	/	01/81 - 08/88	MG124
			01/81 - 12/87	MG124
M600	Deutz 2012 L06 2V	/	01/07 -	MG52
M610	Deutz 2012 L06 2V	/	01/07 -	MG52
M620	Deutz 2012 L06 2V	/	01/07 -	MG52
M640	Deutz 2012 L06 4V	/	01/07 -	MG29
M650	Deutz 2012 L06 4V	/	01/07 -	MG29
TRACTORS	Deutz	/	-	MG475
V 320	60kW,SDF1000.3,Tier 3	/	01/12 -	MG515
X710	Deutz 2013 L06 4V	/	01/06 -	MG29
X720	Deutz 2013 L06 4V	/	01/06 -	MG29

DULEVO

SPECIAL EQUIPMENT

200 QUATTRO	59kW,VM H3 494 HT3/64B	/	-	MG301
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EICHER

TRACTORS

3022 AS	EDL6-3	/	03/82 - 07/83	MG604
3026	EDL6-1	/	01/83 -	MG438
3028	EDL6-5	/	09/83 -	MG604
3030	EDL6-6	/	09/83 -	MG604
3085	EDK4-12T	/	07/79 - 12/80	MG438
3105 A	EDK6-4	/	01/77 - 12/80	MG438
3133 A	EDK6-7	/	10/76 - 12/80	MG438
3257/S	EDL3-7	/	01/83 - 12/87	MG438
3258 A/AS	EDL3-7	/	01/83 - 12/87	MG438
330	EDK2-9	/	10/77 - 12/80	MG438
3357	EDL3-8	/	01/83 - 12/87	MG438
3358	EDL3-8	/	01/83 - 12/87	MG438

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
3457	EDL3-9	/	01/83 - 12/87	MG438
3458	EDL3-9	/	01/83 - 12/87	MG438
3557 S	EDL4-1	/	01/83 - 07/84	MG438
3558 AS	EDL4-1	/	01/83 - 07/84	MG438
3559	EDL4-4	/	01/84 -	MG438
3560	EDL4-4	/	01/84 -	MG438
3657 S	EDL4-2	/	01/83 - 07/84	MG438
3658 AS	EDL4-2	/	01/83 - 07/84	MG438
3659	EDL4-5	/	01/84 -	MG438
3660	EDL4-6	/	01/84 -	MG438
3719 K	EDL2-1	/	01/83 - 07/85	MG438
3719 L	EDL2-2	/	01/83 - 07/85	MG438
3720 KA	EDL2-1	/	01/83 - 12/84	MG438
3720 LA	EDL2-2	/	01/83 - 12/84	MG438
3721 L	EDL3-6	/	01/83 - 12/84	MG438
3722 LA	EDL3-6	/	01/83 - 12/84	MG438
3723 K	EDL3-3	/	01/83 - 12/84	MG438
3724 KA	EDL3-3	/	01/83 - 12/84	MG438
3725 P	EDL3-2	/	01/83 - 12/84	MG438
	EDL3-4	/	01/83 - 12/84	MG438
3725 S	EDL3-1	/	01/83 - 12/84	MG438
	EDL3-5	/	01/83 - 12/84	MG438
3726 PA	EDL3-2	/	01/83 - 12/84	MG438
	EDL3-4	/	01/83 - 12/84	MG438
3726 SA	EDL3-1	/	01/83 - 12/84	MG438
	EDL3-5	/	01/83 - 12/84	MG438
3727	EDL4-3	/	01/83 - 12/84	MG438
3728 A	EDL4-3	/	01/83 - 12/84	MG438
534 AS	EDK2-11	/	06/80 - 12/80	MG438
542 AS	EDK3-9	/	09/80 - 12/80	MG438
542 ASK/SK	EDK3-8	/	09/80 - 12/80	MG438
550 P/PA	EDK3-10	/	05/80 - 12/80	MG438
565 AS	EDK4-11	/	05/80 - 12/80	MG438
635 K/KA	EDL2-2	/	01/86 -	MG438
642 K/KA	EDL2-4	/	01/86 -	MG438
645 K/KA	EDL3-6	/	01/86 -	MG438
648 V/VA	EDL3-7.2	/	01/78 -	MG438
656 P/PA	EDL3-8.1	/	01/78 - 11/87	MG438
656 V/VA	EDL3-8.1	/	01/86 - 11/87	MG438
666 P/PA	EDL3-9.1	/	01/87 -	MG438
666 V/VA	EDL3-9.1	/	01/86 -	MG438
680 P/PA	EDL4-5.1	/	01/87 -	MG438

ERKUNT TRACTOR

FARM EQUIPMENT

1004	102HP,1104-44TA,Tier 3	/	01/12 -	MG562
	1104-44TA	/	01/12 -	MG562
1104	1104-44TA,110HP,Tier 3	/	01/12 -	MG562
502E	1103D-33TA,3-cyl,31kW,Tier3	/	-	MG612
504E	1103D-33TA,3-cyl,31kW,Tier3	/	-	MG612
652 LUX	1103D-33TA,3-cyl,47kW,Tier3	/	-	MG611
652E	1103D-33TA,3-cyl,47kW,Tier3	/	-	MG612
654 LUX	1103D-33TA,3-cyl,47kW,Tier3	/	-	MG611
654E	1103D-33TA,3-cyl,47kW,Tier3	/	-	MG612
702 LUX	1103D-33TA,3-cyl,50kW,Tier3	/	-	MG611
702E	1103D-33TA,3-cyl,42,5kW	/	-	MG611
704 LUX	1103D-33TA,3-cyl,50kW,Tier3	/	-	MG611
802	1104D-44T,76HP,Tier 3	/	-	MG562
804	1104D-44T,76HP,Tier 3	/	-	MG562
804.3 LUX	1103D-33TA,3-cyl,58kW,Tier3	/	-	MG611
804.3E	1103D-33TA,3-cyl,58kW,Tier3	/	-	MG611
904E	1104-44TA	/	-	MG562
	1104-44TA,5HP,92,Tier 3	/	-	MG562

FARMTRAC

TRACTORS

6060/DT	4-cyl,41kW,Kohler	/	-	MG464
6075/DT	4-cyl,54kW,Kohler	/	-	MG464

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
FARMTRAC (continued)				
675	75HP,Perkins 1104D-44T	/	-	MG560
675 DT	75HP,Perkins 1104D-44T	/	-	MG560
685 DT	83HP,Perkins 1104D-44T	/	-	MG560
690 DT	88HP,Perkins 1104D-44T	/	-	MG560
	Perkins 1104D-44T	/	-	MG560
7100 DT	98HP,Perkins 1104DT-44T	/	-	MG560
	Perkins 1104DT-44T	/	-	MG560
7110 DT	110HP,Perkins 1104D-44TA	/	-	MG560
	Perkins 1104D-44TA	/	-	MG560

FAUN-FRISCH

LOADERS

F1100	KHD-F5L912	/	04/80 - 02/88	MG260
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FENDT (AGCO)

TRACTORS

104 S	D 226-3	40 / 55	01/76 -	MG517
108 S	D 226-4	48 / 65	01/75 -	MG517
200 S, 200 V	F 3L 912	26 / 35	01/74 -	MG124
				MG626
200S	35HP,KHD-F3L912	/	02/74 - 08/88	MG124
				MG626
	KHD-F3L912	/	02/74 - 08/88	MG124
				MG626
200S/FL146	KHD-F3L912	/	02/79 - 08/88	MG124
			09/88 -	MG626
200V/FL145	KHD-F3L912	/	02/79 - 08/88	MG124
			09/88 -	MG626
203P/FL156	KHD-F3L912	/	02/79 - 08/88	MG124
			09/88 -	MG626
203V/FL155	KHD-F3L912	/	02/79 - 08/88	MG124
			09/88 -	MG626
204 PA, 204 VA	F 4L 912	48 / 65	01/74 -	MG124
				MG209
				MG626
204P/FL166	KHD-F4L912	/	01/92 -	MG626
260S	66HP,KHD 3-cyl	/	-	MG626
	KHD 3-cyl	/	-	MG626
270 PA/VA	DEUTZ F4L 912	51 / 69	01/88 - 12/96	MG626
275S	75HP,KHD-F4L913	/	01/88 - 12/96	MG626
	KHD-F4L913	/	01/88 - 12/96	MG626
280P	80HP,KHD-F4L913	/	01/96 - 12/02	MG626
	KHD-F4L913	/	01/96 - 12/02	MG626
280PA	80HP,KHD-F4L913	/	01/96 - 12/02	MG626
	KHD-F4L913	/	01/96 - 12/02	MG626
280S	KHD-F4L913	59 / 80	01/96 - 12/02	MG626
3 S	MWM D 225-4	45 / 61	01/67 -	MG604
300	TCD2012 L4 2V	/	-	MG3
303 LSA	D 226-3	38 / 52	01/82 -	MG604
303LS	52HP,MWM-D226-3	/	01/82 - 12/85	MG655
	MWM-D226-3	/	01/82 - 12/85	MG655
303LSA	52HP,MWM-D226-3	/	01/82 - 12/85	MG655
	MWM-D226-3	/	01/82 - 12/85	MG655
304LS	70HP,MWM TD226-B3	/	01/85 -	MG655
	MWM TD226-B3	/	01/85 -	MG655
304LSA	70HP,MWM TD226-B3	/	01/85 -	MG655
	MWM TD226-B3	/	01/85 -	MG655
304S	70HP,MWM TD226-B3	/	01/85 -	MG655
	MWM TD226-B3	/	01/85 -	MG655
305 LS	D 227-4	45 / 61	01/80 -	MG3
305 LSA	D 227-4	45 / 61	01/80 -	MG220
308 LSA	TD 226-B	60 / 82	01/90 -	MG3
309	4-cyl,70kW,Deutz	/	-	MG52
	Deutz	/	-	MG52

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
	TD 226-B	70 / 95	01/93 - 12/01	MG3
309 CA	BF 4M 1012 EC	70 / 95	01/97 -	MG3
309 LSA	TD 226-B	66 / 90	01/81 - 12/98	MG3
310	4-cyl,77kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
310 LSA	TD 226-4	68 / 92	01/85 -	MG3
310 LSE	D 226 B-4	74 / 100	01/90 -	MG3
311	4-cyl,85kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
311 LSE	D 226 B-6	81 / 110	01/91 -	MG3
312	4-cyl,92kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
312 LSA	D 226 B-6	85 / 115	01/91 -	MG3
313	4-cyl,99kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
400	TCD2013 L6 4V	/	-	MG3
409	/	/	-	MG3
409A	/	/	-	MG3
410	/	/	-	MG3
410NA	/	/	-	MG3
411	/	/	-	MG3
411NA	/	/	-	MG3
412	/	/	-	MG3
509 CA	MWMTD 226-B	70 / 95	01/94 - 12/99	MG597
				MG604
509CA	95HRMWM TD226 B-4	/	01/94 - 12/99	MG597
510 CA	MWMTD 226-B	77 / 104	01/93 - 12/99	MG597
510C/CA	105HRMWM TD226 B-4	/	01/93 - 12/99	MG210
511 CA	MWM D 226 B-6	85 / 116	01/94 - 12/99	MG597
511C/CA	115HRMWM D226 B-6	/	01/94 - 12/99	MG604
512	4-cyl,92kW,TCD4.1 LA	/	-	MG29
512 CA	MWMTD 226 B-6	92 / 125	01/93 - 12/99	MG597
512CA	125HRMWM D226 B-6	/	01/93 - 12/99	MG597
513	4-cyl,99kW,TCD4.1 LA	/	-	MG29
514	107kW,4-cyl,TCD4.1 LA	/	-	MG29
514 CA	MWMTD 226 B-6	103 / 140	01/93 - 12/99	MG597
514C	MWMTD226-6	/	01/93 - 12/99	MG597
514CA	140HRMWM D226 B-6	/	01/93 - 12/99	MG604
515 CA	MWMTD 226 B-6	110 / 149	01/93 - 12/99	MG597
515CA	150HRMWM D226 B-6	/	01/93 - 12/99	MG597
516	121kW,4-cyl,TCD4.1 LA	/	-	MG29
600 LS	MWM D 227-6	63 / 86	01/76 -	MG597
				MG604
600LS/FW28	86HRMWM D227-6	/	02/76 - 12/79	MG597
600LS/FW280	86HRMWM D227-6	/	01/79 - 12/86	MG604
610 LSA	D 226-6	66 / 90	01/84 -	MG604
	D 227-6	70 / 95	01/79 - 12/84	MG604
610 SA	D 225-6	63 / 85	01/72 - 12/76	MG604
610 SL	D 226-6	67 / 91	01/76 - 12/78	MG604
610LS/FW28	95HRMWM D226-6	/	02/78 - 12/86	MG597
610LS/FW281	95HRMWM D226-6	/	01/79 - 04/87	MG604
610LSA	90HRMWM D226-6	/	01/79 - 12/86	MG604
	95HRMWM D227-6	/	01/79 - 12/84	MG604
611 LS/LSA	MWM D 226-6	77 / 105	01/76 - 12/93	MG604
611 LSA	D 226-6	92 / 125	01/85 - 12/93	MG604
611 S	D 226-6	77 / 105	01/72 - 12/78	MG604
611LS/FW28	105HRMWM D226-6	/	02/76 - 12/93	MG597
611LS/FW282	105HRMWM-D226-6	/	01/86 - 12/93	MG604
612 LSA	D 226-6	106 / 145	01/88 - 12/93	MG604
612 S	D 226-6	88 / 120	01/72 - 12/76	MG604
612LS/FWA2	120HRMWM D226-6	/	02/76 - 12/79	MG597
612LS/FWA283	120HRMWM-D226-6	/	01/72 - 12/93	MG604
614LS/FWA2	135HRMWM TD226-6	/	02/78 - 12/83	MG604
615 LS, 615 SL	TD 226-6	110 / 150	01/76 - 12/84	MG597
615 LSA	TD 226-6	110 / 150	01/76 - 12/84	MG604
626 LS	D 2566 MTE	185 / 252	01/81 - 12/85	MG597
711 VARIO, 712 VARIO	DEUTZ BF6M 2013	85 / 116	01/06 -	MG3
716	Deutz	/	-	MG52
716 VARIO	Deutz 6-cyl: 160HP	/	01/93 - 12/03	MG3
718	6cyl. 132kW,Deutz	/	-	MG52
	Deutz	/	-	MG52

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
FENDT (AGCO) (continued)				
720	6cyl. 147kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
722	6cyl. 162kW,Deutz	/	-	MG29
	Deutz	/	-	MG29
724	6cyl. 176kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
816	170HRD0826L1	/	01/93 - 12/03	MG3
818	TCD2013 L6 4V	/	-	MG52
819	TCD2013 L6 4V	/	-	MG52
820	TCD2013 L6 4V	/	-	MG52
822	6cyl. 162kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
824	6cyl. 176kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
826	6cyl. 191kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
828	6cyl. 206kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
900	TCD2013 L6 4V	/	-	MG29
916	260HRD0826L2	/	01/99 - 12/03	MG329
	D0826L2	/	01/99 - 12/03	MG329
916 VARIO	260HRD0826L2	/	01/99 - 12/03	MG3
	D0826L2	/	01/99 - 12/03	MG3
918NA	D0826L2	/	01/99 - 12/03	MG329
920 VARIO	220HRD0826L2	/	01/99 - 12/03	MG3
	D 0826 LE 530	147 / 200	01/97 - 12/02	MG3
920NA	220HRD0826L2	/	01/99 - 12/03	MG329
	D0826L2	/	01/99 - 12/03	MG329
922	215HR,Deutz 2013 L06-4V	/	-	MG52
	Deutz 2013 L06-4V	/	-	MG52
924	6cyl. 177kW,Deutz	/	-	MG329
	Deutz	/	-	MG329
924 VARIO	240HRD0826L2	/	01/99 - 12/03	MG329
	D 0826 LE 527	169 / 230	01/97 - 12/02	MG329
924NA	240HRD0826L2	/	01/99 - 12/03	MG329
	D0826L2	/	01/99 - 12/03	MG329
926	D0826L3	/	01/99 - 12/03	MG329
926 VARIO	D 0826 LE 531	191 / 260	01/97 - 12/02	MG329
926NA	260HRD0826L3	/	01/99 - 12/03	MG329
	D0826L3	/	01/99 - 12/03	MG329
926PL	260HRD0826L3	/	01/99 - 12/03	MG3
	D0826L3	/	01/99 - 12/03	MG3
927	6cyl. 199kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
930	6cyl. 221kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
933	6cyl. 243kW,Deutz	/	-	MG52
	Deutz	/	-	MG52
936	265kW,TCD2013 L6 4V	/	-	MG29
	TCD2013 L6 4V	/	-	MG29
939	6cyl. 287kW,Deutz	/	-	MG52
	Deutz	/	-	MG52

FERMEC

BACKHOE LOADERS

750	Perkins 1004.4	/	-	MG412
760	Perkins 1004.4T	/	-	MG412
860	Perkins 1004.4T	/	01/01 -	MG412
860 (AIR COND.)	Perkins 1004.4T	/	-	MG407
865	Perkins 1004.4T	/	-	MG412
960	Perkins 1004.4T	/	-	MG412
960 (AIR COND.)	Perkins 1004.4T	/	-	MG407
965	Perkins 1004.4T	/	-	MG412
965 (AIR COND.)	Perkins 1004.4T	/	-	MG407

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
LOADERS				
640B	Perkins 1004.42	/	02/79 - 08/83	MG412
650B	Perkins 1004.40T	/	06/71 - 08/83	MG412

FERRARI

TRACTORS

1100	9LD561	/	12/85 -	MG517
1300	8LD665.2	/	12/85 -	MG517
60	4-cyl,Kohler KDI 2504M	/	-	MG464
745	LDA673	/	06/80 - 12/83	MG517
76	LDA673	/	06/80 - 12/84	MG517
85	LDA673	/	06/80 - 12/84	MG517
86	LDA833	/	06/80 -	MG517
93 LT	8LD665.2	/	09/89 - 10/91	MG517
93 SLT	11LD625.3	/	09/89 -	MG517
94 SLT	11LD625.3	/	09/89 - 12/91	MG517
95 RS	11LD625.3	/	11/88 -	MG517
	5LD825.2	/	11/88 -	MG517
96	5LD824.3	/	09/89 -	MG517
96 RS	11LD625.3	/	12/90 -	MG517

FIAT

FARM EQUIPMENT

1000	8065.02.007	74 / 100	01/72 - 12/76	MG123
				MG43
1000S	8065.04.200	81 / 110	01/76 - 12/79	MG43
				MG521
100-90	8065.06.000	74 / 100	01/84 - 01/88	MG42
115-90	8065.05.000	85 / 116	01/84 - 12/90	MG521
1180	8065.04.200	84 / 114	01/79 - 12/84	MG43
				MG521
1280	8065.24.300	90 / 122	01/79 - 12/84	MG43
				MG521
1300	CP 3- 100	95 / 129	01/73 - 12/76	MG43
1300S	CP 3-100	110 / 150	01/76 - 12/79	MG521
130-90	8065.25.010	95 / 130	01/84 - 12/90	MG521
1380	8065.24.000	99 / 135	01/79 - 12/84	MG43
				MG524
140-90	8065.25.080	103 / 140	01/84 - 12/93	MG521
1580	8365.05.500, .501, .502, .503	114 / 154	01/79 - 12/84	MG43
160-90	8365.25.501, .502, .503	118 / 160	01/84 - 12/94	MG524
180-90	8365.25.500	132 / 179	01/84 - 12/94	MG524
1880	8365.25.500	132 / 179	01/79 - 12/84	MG524
400	8035.01	28 / 38	01/68 -	MG123
450	8035.01	33 / 45	01/68 - 12/81	MG123
				MG191
466	8035.02	37 / 50	01/68 - 12/86	MG191
480	8035.02	35 / 48	01/73 - 12/84	MG191
500	8035.02	37 / 50	01/71 - 12/80	MG123
				MG187
540	8035.02	40 / 54	01/71 - 12/80	MG123
				MG191
55-90	8035.06.200	40 / 55	01/84 - 12/92	MG42
566	8035.04.265	37 / 50	01/82 - 12/86	MG191
580	8035.04.270	43 / 58	01/78 - 12/84	MG123
				MG191
				MG42
600	8045.02	44 / 60	01/71 - 12/72	MG191
60-90	8035.05.214,8035.05.215	44 / 60	01/84 - 12/92	MG42
				MG521
640	8045.02	47 / 64	01/73 - 12/80	MG123
666	8045.02	50 / 68	01/82 - 12/86	MG191
				MG521
680	8045.02	50 / 68	01/78 - 12/84	MG191
				MG521
70-90	8045.06.200,8045.06.208	51 / 70	01/84 - 12/92	MG42
750	C 03-130	55 / 75	01/69 - 12/71	MG43

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
FIAT (continued)				
750S	C 03-130	59 / 80	01/71 - 12/75	MG43
780	8045.04.270	57 / 78	01/78 - 12/84	MG187
				MG191
				MG521
80-90	8045.05.000	59 / 80	01/84 - 12/92	MG42
850	C 03-80	62 / 84	01/69 - 12/75	MG42
850S	C 03-80	66 / 90	01/72 - 12/74	MG42
				MG43
880	C 03-130	65 / 88	01/78 - 12/80	MG191
				MG521
880/5	8055.04.200	65 / 88	01/80 - 12/84	MG191
				MG521
90-90	8055.05.000	66 / 90	01/84 - 01/91	MG42
				MG43
980	8065.02.200	72 / 98	01/79 - 12/84	MG43

FIAT-AGRI

FARM EQUIPMENT

545B		/	-	MG521
FD30C	8285.22.004	/	10/99 -	MG399
FD7	8065.05.295	/	03/86 - 10/92	MG399

TRACTORS

100.90/DT	8065.06.200	/	05/87 - 08/88	MG521
1000/DT	8065.02.200	/	04/75 - 12/76	MG123
110-90	8065.05.220	81 / 110	10/86 - 12/88	MG521
115.90/DT	8065.05.000	/	05/87 - 08/88	MG521
1180		/	-	MG43
1180/DR		/	-	MG521
1180DT		/	-	MG43
1280		/	-	MG43
1280/DT		/	-	MG521
130.90/DT	8065.05.000	/	05/87 - 08/88	MG521
1380		/	-	MG524
1380DT		/	-	MG43
140.90/DT	8065.25.000	/	05/85 - 08/88	MG521
1580DT		/	-	MG43
1580DT TURBO		/	-	MG524
160.90/DT	8365.25.503/513	/	05/87 - 08/88	MG524
180.90/DT	8365.25.502/512	/	05/87 - 08/88	MG524
1880		/	-	MG43
1880/DT		/	-	MG524
1880DT		/	-	MG43
40.8/DT/V		/	-	MG191
420	8035.01	/	04/82 - 12/83	MG123
440/DT/V		/	-	MG191
446	8035.02.276	/	02/82 - 12/83	MG123
446/DT		/	-	MG191
446DT	8035.02.276	/	02/82 - 12/83	MG123
45.46/DT		/	-	MG191
45.66/DT		/	-	MG191
465C	8035.02.276	/	06/82 - 12/84	MG123
465C/CF/CV		/	-	MG191
466/DT	8035.02.276	/	02/82 - 12/83	MG191
470S		/	-	MG191
474	8035.02.212	/	04/83 - 12/84	MG123
474/DT		/	-	MG191
480DT	8035.02.202	/	01/76 - 06/78	MG123
480DT/S	8035.02.302	/	06/78 - 03/82	MG123
480DT/S/V		/	-	MG191
500/DT	8035.02.201	/	06/73 - 12/76	MG123
500DT	8035.02.201	/	06/73 - 03/82	MG187
500DT/S	8035.02.202	/	06/78 - 03/82	MG123
500S	8035.04.272	/	04/82 - 07/82	MG191
505C/C SUPER	8035.02.202	/	06/78 - 03/82	MG191
505S	8035.04.272	/	04/82 - 07/82	MG123
540/DT	8035.02.302	/	03/72 - 06/78	MG123

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
540DT/S	8035.02.302	/	06/78 - 03/82	MG123
540S	8035.02.302	/	06/78 - 03/82	MG191
55.46/DT		/	-	MG191
55.65		/	-	MG191
55.66/DT/DTF/F/LP/LPDT/V		/	-	MG191
55.90/DT		/	-	MG42
56	8035.04.376	/	02/82 - 12/83	MG191
565C	8035.04.376	/	01/82 - 12/83	MG191
566DT	8035.04.376	/	02/82 - 12/83	MG123
570/DT/DTF/V	8035.04.270	/	12/77 - 12/82	MG191
570DT	8035.04.270	/	12/77 - 02/82	MG123
580/DT	8035.04.270	/	12/77 - 04/82	MG521
580DT	8035.04.270	/	12/77 - 02/84	MG123
60.65		/	-	MG191
60.66/DT/F/LP/LPDT		/	-	MG191
60.90/DT		/	-	MG42
605C SUPER	8045.02.211	/	01/77 - 07/82	MG191
605C/CS	8045.02.211	/	01/77 - 07/82	MG123
640/DT	8045.02.200	/	10/72 - 03/82	MG191
			10/72 - 12/76	MG123
640DT	8045.02.200	/	10/72 - 03/82	MG123
65.46/DT		/	-	MG191
65-90	8045.06.213	48 / 65	01/87 - 12/92	MG42
				MG521
665C	8045.02.276	/	06/82 - 12/83	MG191
666	8045.02.276	/	02/82 - 12/83	MG123
666/DT	8045.02.376	/	12/82 - 12/83	MG191
666DT	8045.02.376	/	02/82 - 12/83	MG123
670	8045.02.278	/	09/80 - 04/82	MG123
670/DT/F	8045.02.270	/	07/77 - 04/82	MG191
670DT	8045.02.270	/	07/77 - 04/82	MG123
680/DT		/	-	MG521
	8045.02.270	/	07/77 - 12/83	MG191
680DT	8045.02.270	/	07/77 - 02/84	MG123
70.65		/	-	MG191
70.66/DT/F/FDT/LP/LPDT		/	-	MG191
70.90/DT		/	-	MG42
756C	8047.04.276	/	06/82 - 12/83	MG191
765C	8045.04.276	/	06/82 - 12/83	MG123
766	8045.04.276	/	02/82 - 12/83	MG123
766/DT	8045.04.376	/	01/82 - 12/83	MG191
766DT	8045.04.376	/	02/82 - 12/83	MG123
780	8045.04.270	/	01/75 - 02/84	MG43
780/DT	8045.04.270	/	01/75 - 02/84	MG123
			01/75 - 12/76	MG187
80.65		/	-	MG191
80.66/DT/F/FDT		/	-	MG191
80.90/DT		/	-	MG42
85.55		/	-	MG42
855/C	8045.04.275	/	02/81 - 12/84	MG123
855C	8045.04.275	/	02/81 - 12/84	MG42
85-90	8045.25.210,8045.25.310	62 / 84	01/87 - 12/92	MG42
				MG521
880.5/DT		/	-	MG521
880/DT		/	-	MG191
	CO3-75	/	02/75 - 12/80	MG123
880DT 5		/	-	MG43
90.90/DT		/	-	MG521
95.55		/	-	MG521
955C		/	-	MG521
	8055.04.205	/	02/81 - 12/83	MG123
955C SUPER		/	-	MG43
980		/	-	MG43
980DT		/	-	MG521
B 20C/25C/30C	6132BZ2CO	/	04/86 - 03/89	MG258
DI 15C	M705BA	/	12/90 -	MG258
	M705BA190	/	10/88 - 12/90	MG258
DI 20GL/21C	M705BA190	/	10/88 - 12/90	MG258
F 100	8065.05.210	73 / 99	01/93 - 12/96	MG521

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
FIAT-AGRI (continued)				
F 110 DT	8065.05	81 / 110	01/90 - 12/93	MG521
F 115	8065.05.000	85 / 115	01/93 - 12/96	MG521
F 120 DT	8065.05.000	84 / 114	01/90 - 12/93	MG521
F 130 DT	8065.25.010	94 / 127	01/90 - 12/96	MG521
F 140	8065.25.080	105 / 142	01/90 - 12/96	MG521
F100	8065.06A.330	/	11/93 -	MG521
F120	8065.05B.330	/	11/93 -	MG521

FIAT-ALLIS

FARM EQUIPMENT

10C		/	-	MG369
14C		/	-	MG369
65B	80611.05A11017	/	01/86 -	MG399
	8065.04.089	/	01/78 - 12/85	MG399
7D		/	-	MG369
8/B		/	-	MG369
FL10B	CP3/100.300	/	01/73 - 06/81	MG369
FL14B	8205.02.550	/	01/73 - 06/81	MG369
FL20	8215.22.550	/	05/79 - 12/91	MG369
FL4C	361.8035.02.261	/	11/70 - 07/78	MG187
FL4D	8035.02.365	/	11/70 - 07/78	MG187
FL7	8065.05.295	/	03/86 - 10/88	MG399
FL7B	8065.05.295	/	10/87 - 12/92	MG399
FL8C	CO3/130MT	/	01/75 - 06/81	MG369
FL9	CO3/130MT	/	03/74 - 06/81	MG369
FR10B	8065.05.290	/	12/85 - 12/90	MG399
FR10C	8065.05.290	/	01/90 -	MG399
FR130	8065.25.094	/	04/90 -	MG399
FR160	8365.25.584	/	07/90 -	MG399
FR220	8465.21.004	/	01/91 -	MG399
FR35	8285.22.000	/	01/85 - 12/91	MG399
FR9B	8045.25.395	/	09/87 - 12/90	MG399
FR9C	8045.25.395	/	01/91 -	MG399

FORTSCHRITT

COMBINES

E 512	IFA	/	-	MG109
E 514	IFA	/	-	MG109

GEHL

LOADERS

4640	3-cyl,34kW,F3M2011	/	-	MG265
	3-cyl,46kW,BF3M2011	/	-	MG265
	BF3M2011	/	-	MG265
	F3M2011	/	-	MG265
4640E	62HP,Deutz TD2009	/	-	MG265
4840	4-cyl,65kW,F4M	/	-	MG265
	4-cyl,F4M	/	-	MG265
5240	62HP,Deutz TD2009	/	-	MG265
5640	4-cyl,45kW,F4M2011	/	08/78 - 12/79	MG265
	4-cyl,60kW,BF4M2011	/	-	MG265
	BF4M2011	/	-	MG265
	F4M2011	/	-	MG265
6635DXT	BF4M1011F	/	01/92 -	MG111
		/	01/96 -	MG111
6635SXT	BF4M1011F	/	01/80 - 08/82	MG111
		/	01/96 -	MG111
6640	4-cyl,61kW,BF4M2011	/	09/82 - 12/91	MG265
	BF4M2011	/	-	MG265
SL3510	Ford,Gas	/	-	MG239
SL3515	Ford,Gas	/	-	MG239
SL3725		/	-	MG239
SL4510	Ford,Gsa	/	-	MG239

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
SL4515	Ford,Gas	/	-	MG239
SL4525		/	-	MG239
SL5635	F4M1011F	/	-	MG111
			01/97 -	MG111
SL5635DXT	BF4M1011F	/	-	MG111
			01/97 -	MG111
SL5635SXT	BF4M1011F	/	-	MG111
			01/97 -	MG111
SL5636DXT	F4M1011F	/	-	MG111
			01/97 -	MG111

TELEHANDLER

2100RT	Yanmar 4TNV98	/	-	MG502
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GOLDONI

CRAWLER TRACTORS

C60	VM-SUM3105	/	04/91 -	MG258
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TRACTORS

1038	Lomb.-5LD825.2	/	03/82 - 12/85	MG517
	Lomb.-LDA832	/	03/82 - 12/85	MG517
1055	VM-RA394	/	03/87 - 04/90	MG124
238	Lomb.-5LD825.2	/	02/82 -	MG517
	Lomb.-LDA832	/	02/82 - 12/86	MG517
245	Lomb.-11LD625.3	/	01/89 -	MG517
3050	VM-HR394HP	/	06/91 -	MG258
	VM-RA394	/	04/86 - 06/91	MG124
3070	VM-HR394HP	/	06/91 -	MG258
	VM-RA394HPT	/	06/90 - 06/91	MG124
3445	Lomb.-11LD625.3	/	10/88 -	MG517
40 B	Lomb.-11LD535	/	06/91 -	MG517
45 B	Lomb.-LDA832	/	06/91 - 12/91	MG517
50 B	Lomb.-11LD626.3	/	06/91 -	MG517
55	VM-HR394HP	/	09/91 -	MG258
80	4-Cyl,75HP,VM	/	-	MG464
933 DT	Lomb.-8LD665.2	/	09/88 -	MG517
938	Lomb.-5LD825.2L	/	09/88 - 04/90	MG517
945 RS/DT	Lomb.-11LD625.3	/	04/90 -	MG517
QUASAR 90	4-Cyl,82HP,VM DM754...	/	-	MG566
STAR 100	4-Cyl,95HP,VM D754..	/	-	MG566
STAR 3080		/	01/14 -	MG566
STAR 90	4-cyl,82HP,VM D754..	/	-	MG566
TRANSCAR 25/RS	12LD475	/	11/90 -	MG517
TRANSCAR 35	8LD665	/	03/91 -	MG517
TRANSCAR 50/RS	11LD626	/	11/90 -	MG517
TRANSCAR 60/RS	VM-RA394	/	11/90 -	MG124
TREKKER 360	VM-SUN3105	/	-	MG281
TREKKER C45	VM-RA394	/	04/91 -	MG124
TREKKER C60	VM-SUN3105	/	04/91 -	MG124

HAKO

SPECIAL EQUIPMENT

CLEANING DEVICES		/	-	MG221
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TRACTORS

HAKOTRAC 2000D	Lomg.LDA820	/	09/82 - 06/86	MG438
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HANOMAG

WHEEL LOADERS

22 C	4.248	/	01/73 -	MG183
	Perkins-4.248	/	01/73 -	MG319
33 C	A 6.354.4	/	-	MG183
33C	Perkins-A6.354.4	/	-	MG319
400 D	A 6.354	/	01/72 - 12/85	MG183
	Perkins-A 6.354	/	-	MG319
5 C	Perkins 4.108	/	01/72 - 12/85	MG517

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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HARLO

LIFT TRUCKS

HC5600	4B3,9C Cummins	/	01/76 -	MG279
HC8000	4B3,9C Cummins	/	01/76 -	MG279

LOADERS

HC8000		/	-	MG279
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HATTAT

TRACTORS

A080	1103D-33TA,58kW	/	-	MG579
A100	1104D-44TA,68kW,Euro 3	/	-	MG579
A110	1104D-44TA,75kW,Euro 3	/	-	MG579
A55B	1103D-33,40kW	/	-	MG579
A55C	1103D-33,40kW	/	-	MG579
A60B	1103D-33TA,47kW	/	-	MG579
A60C	1103D-33TA,47kW	/	-	MG579
A65B	1103D-33TA,50kW	/	-	MG579
A65C	1103D-33TA,50kW	/	-	MG579
A70	1103D-33TA,50kW	/	-	MG579
A80	1103 -D-33TA,58kW	/	-	MG579
A80B	1103D-33TA,58kW	/	-	MG579
A90	1104D-44TA,5kW,60,Euro 3	/	-	MG579
TRACTORS		/	-	MG133

HITTNER

FARM EQUIPMENT

120	86kW,Deutz F6L 914-L06	/	-	MG337
30	21kW,Lombardini 9LD 625-2	/	-	MG432
	Lombardini 9LD 625-2	/	-	MG432
32	23,5kW,Deutz-Diter 910 L02	/	-	MG124
35/40	30kW,Lombardini LDW1603	/	-	MG432
55	40kW,Deutz F3L D914-L03	/	-	MG209

HOLDER

TRACTORS

A 30	VD2	/	01/77 - 06/79	MG124
A 40	HD6001-2	/	07/79 - 12/88	MG124
A 45	VD3	/	01/77 - 06/78	MG124
A 50	HD6001-3	/	07/79 - 12/88	MG124
A 55/F	VD3	/	01/77 - 06/78	MG124
A 60	HD6001-3	/	10/78 - 07/85	MG124
B 40	VD3	/	01/77 - 06/78	MG124
B 41	VD3	/	01/77 - 06/78	MG124
B 50	Perkins-3.152	/	02/79 - 06/79	MG124
B 51	Perkins-3.152	/	02/79 - 06/79	MG124
P 60	VD2	/	01/77 - 02/83	MG124

HUERLIMANN

TRACTORS

6115-XB ELITE DT	1000.6W	/	01/96 - 12/00	MG515
6135-XB ELITE/DT/REV	1000.6WT	/	01/96 - 12/00	MG515
H 1000 SERIE	H1106 T	/	01/84 -	MG127
	H1106-H	/	01/84 -	MG127
H 305 XE DT/2RM	1000.3A	/	-	MG515
H 306 XE DT/2RM	1000.3A	/	-	MG515
H 307 XE DT	1000.3AT	/	-	MG515
H 345	983L	/	07/83 - 03/86	MG438
H 351 DT	983LA	/	-	MG515
H 355 F XE		/	-	MG515
H 355/F	105.3P	/	07/83 - 02/86	MG123
H 356-H 6170		/	04/84 -	MG127
H 358 DT	1000.3W	/	-	MG515

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
H 358.4 CLUB DT	1000.3A	/	-	MG515
H 360	H1103/5	/	07/83 - 11/85	MG123
H 361 DT	1053PA	/	-	MG515
H 361 XF DT/2RM	1000.3A	/	-	MG515
H 466 PRESTIGE DT/2RM	1000.4W	/	-	MG353
H 468 PRESTIGE DT/2RM	1000.4W	/	01/89 - 12/98	MG515
H 468.4 CLUB DT/BASSO	1000.4W	/	-	MG515
H 470	H1104/6	/	07/83 - 12/85	MG123
H 476 XF	1000.3WT	/	05/91 -	MG521
H 476 XF DT REV	1000.3WT	/	-	MG515
H 478.4 DT	1000.4W	/	01/89 - 12/98	MG515
H 480	H1104/7	/	07/83 - 12/85	MG123
H 481 XF DT	1000.4W	/	-	MG515
H 488 PRESTIGE DT REV	1000.4WT	/	01/86 - 12/90	MG515
H 490	H1106/8T	/	07/83 - 12/84	MG123
H 491 XF DT	1000.4WT	/	-	MG515
H 5110	H1105,H1105/10T	/	07/83 - 12/84	MG123
H 6160	H-1106/15	/	03/79 - 03/84	MG123
H 6165 MASTER	1006.6WTI	/	05/91 -	MG521
H 6165 MASTER DT	1000.6WTI	/	-	MG515
H 6190 MASTER	1006.6WTIR	/	01/92 -	MG521
H 6190 MASTER DT	1000.6WTIR	/	01/92 - 12/01	MG515
XA 606 2RM/DT	1000.3W	/	01/95 - 12/00	MG515
XA 607 DT/2RM	1000.4W	/	01/95 - 12/00	MG515
XA 656	1000.3WT	/	-	MG515
XA 657	-	/	-	MG515
XA 658	1000.4WT4	/	01/00 - 12/04	MG515
XF 90	-	/	01/13 -	MG515
XF-H 100DT	1000.4WT	/	-	MG540
XF-H 55DT	1000.3W	/	-	MG540
XF-H 70DT	1000.3WT	/	-	MG540
XF-H 75DT	1000.4W	/	-	MG540
XF-H 90DT	1000.4WT	/	-	MG540
XN 706	1000.3A	/	-	MG515
XN 707	1000.3WT	/	-	MG515
XN 708	1000.4W	/	-	MG515
XN 709	1000.4WT	/	-	MG515
XT 105	1000.6W,150HP	/	01/04 - 12/09	MG353
XT 110	1000.4WTI,109HP	/	01/04 - 12/09	MG515
XT 85	1000.4WT,85HP	/	01/04 - 12/09	MG515
XT 908 DT	1000.4W	/	01/95 - 01/05	MG515
XT 909 DT	1000.4WT	/	01/95 - 12/04	MG515
XT 910.4 DT	1000.4WT	/	01/95 - 12/04	MG515
XT 910.6 DT	1000.4W	/	-	MG353
	1000.6W	/	01/95 - 12/04	MG515
XT 95	1000.4WT,91HP	/	01/04 - 12/09	MG515

IHC

TRACTORS

1246 A	DT-358	/	02/79 - 08/79	MG124
1255		/	12/76 -	MG604
1455		/	12/82 -	MG604
321	D-239	/	10/76 - 12/86	MG124
3964 YUMBO	D-358	/	04/79 - 12/86	MG260
			11/80 - 12/86	MG604
3965 YUMBO	D-358	/	04/71 - 12/86	MG260
				MG655
3980 YUMBO	D-358	/	04/72 - 12/86	MG260
431	D-310/D-239	/	10/76 - 12/85	MG124
433/V	D-155	/	06/73 - 12/85	MG517
485/585		/	-	MG426
531	D-310	/	10/76 - 12/85	MG124
	D-358	/	10/76 - 12/85	MG124
533/V	D-155	/	02/77 - 12/85	MG517
644	D-206	/	02/79 - 12/85	MG124
644 A	D-206	/	02/79 - 12/85	MG124
650 HDYUMBO	T-402	/	03/78 - 12/86	MG260
685/785		/	-	MG426
744	D-239	/	02/79 - 06/84	MG124

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
IHC (continued)				
744 A	D-239	/	02/79 - 06/84	MG124
844 A	D-246	/	02/79 - 12/85	MG124
844 S/SA	D-268	/	02/79 - 12/85	MG124
885		/	-	MG426

IMR

FARM EQUIPMENT

R120		/	-	MG717
R60		/	-	MG717
R65		/	-	MG717
R76		/	-	MG717

IMT

TRACTORS

5100		/	-	MG717
5136		/	-	MG717
539	M 33/T	/	01/80 - 12/98	MG717
540	M 33/T	/	01/75 - 12/86	MG717
547	A3.152	/	01/86 -	MG717
558	M 34/T	/	01/63 -	MG717
560	M 34/T	/	01/75 -	MG717
561		/	-	MG717
565		/	-	MG717
572		/	-	MG717
575	A4.248	/	-	MG717

INGERSOLL-RAND

LIFT TRUCKS

VR1044		/	-	MG279
VR-1056		/	-	MG279
VR-636	4B3,9 Cummins	/	01/90 -	MG279
VR-642	4B3,9 Cummins	/	01/90 -	MG279
VR-843		/	01/90 -	MG279

ISEKI

TRACTORS

TJA 8080	3cyl,60HP,Agcpower	/	-	MG305
TJA 8100	3cyl,74HP,Agcpower	/	-	MG305

ITMA TRATTORI

FARM EQUIPMENT

3.45	VM-RA394	/	02/89 - 12/90	MG258
3.60	VM-SUM3105	/	02/89 - 12/90	MG258
340	VM-RA392	/	01/87 - 01/89	MG124
4RM	VM-HR392A	/	09/80 - 12/83	MG124
500	VM-1053SU	/	09/83 - 01/86	MG124
	VM-SUN3105	/	02/86 - 01/89	MG124
600	VM-1053SU	/	09/83 - 06/84	MG124
700	VM1054SU	/	09/79 - 12/84	MG517

JCB (BAMFORD)

BACKHOE LOADERS

2CX	JCB444	/	01/97 -	MG38
3CX/PLUS/CLL	JC444/Turbocharged	/	01/04 -	MG38
3CX-4	Perkins 4.236	/	-	MG212
4CN	Turbocharged/Intercooled	/	01/85 -	MG74
4CX	JCB444	/	-	MG74
	Perkins:TC	/	01/99 - 12/02	MG212

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
LIFT TRUCKS				
4C	Perkins	/	01/85 -	MG212
926-2WD/4WD	TC63	/	-	MG74
930-2WD/4WD	TC63	/	01/02 -	MG74
940-2WD/4WD	TC63	/	01/96 - 12/96	MG74
LOADERS				
185-65	Cummins 6BTA	/	-	MG233
260	JCB TCA.74	/	-	MG74
260T	JCB	/	-	MG74
280	JCB	/	-	MG23
320T	JCB	/	-	MG74
410	Perkins: C4.236	/	-	MG212
412	Perkins	/	-	MG212
415	Perkins	/	-	MG212
520-40	Perkins 404-22D	/	-	MG102
524-50	Perkins 404-22D	/	-	MG102
524-50-AGRI		/	01/85 -	MG74
525-58		/	-	MG560
525-67		/	01/91 - 01/93	MG560
526-56	81kWJCB 4-cyl,Tier 3	/	01/91 - 01/93	MG23
526-56-AGRI		/	01/85 -	MG74
527-55-AGRI		/	01/85 -	MG74
527-55-WM		/	01/70 - 01/73	MG74
527-58	81kWJCB 4-cyl,Tier 3	/	01/95 - 01/97	MG23
531-70	4-cyl,55kWJCB ECOMAX	/	01/97 -	MG74
531-70-AGRI		/	-	MG74
531-70-WM		/	01/69 - 01/70	MG74
533-105	4-cyl,55kWJCB ECOMAX	/	-	MG23
535-125-HIVIZ	4-cyl,55kWJCB ECOMAX	/	-	MG23
535-140-HIVIZ	4-cyl,55kWJCB ECOMAX	/	01/91 - 12/97	MG23
535-95	4-cyl,55kWJCB ECOMAX	/	01/91 - 12/97	MG23
535-95-AGRI		/	01/89 - 12/98	MG23
536-60	81-93kWJCB 4-cyl,Tier 3	/	01/91 - 12/97	MG23
536-60-AGRI		/	01/86 - 12/98	MG74
536-70-AGRI		/	01/92 - 12/98	MG74
540-140	4-cyl,55kWJCB ECOMAX	/	01/91 - 12/97	MG23
540-170	4-cyl,81kWJCB ECOMAX	/	01/91 - 12/97	MG23
541-70	4-cyl,55kWJCB ECOMAX	/	-	MG74
541-70-AGRI		/	-	MG74
541-70-WM		/	01/69 - 01/70	MG74
550-140		/	-	MG74
550-170		/	01/80 - 12/88	MG74
550-80	4-cyl,93kWJCB ECOMAX	/	-	MG23
SHOVELS				
403	Deutz D2009 L03	/	01/73 - 12/80	MG75
406		/	01/85 - 12/88	MG67
411HT/WM	SLB	/	01/85 - 12/90	MG74
411HT-SHL/WM	SLB	/	01/85 - 12/88	MG74
412-AGRI		/	01/85 - 12/90	MG74
412-WM		/	01/85 - 12/90	MG74
414S-AGRI		/	01/71 - 12/79	MG74
414-WM		/	01/82 - 12/88	MG74
416HT	SLB	/	01/73 - 01/85	MG74
416S-AGRI		/	01/73 - 12/85	MG74
416-WM		/	01/73 - 12/85	MG74
540-140		/	-	MG74
TELEHANDLER				
535-95	JCB	/	01/71 - 01/73	MG74
TM 180 AGRI	48kWJCB 4-cyl,Tier 3	/	01/11 -	MG23
TM 220 AGRI	55kWJCB 4-cyl,Tier 3	/	01/95 -	MG23
TM 310 AGRI	97kWJCB 4-cyl,Tier 3	/	01/00 -	MG74
TM 310-WM		/	01/98 -	MG74
TM 320	4-cyl,444TA41.93kW,Ecomax	/	01/94 - 12/98	MG23
TM 320 S	108kW,4-cyl,Ecomax	/	01/98 -	MG23
TM 320 VM	4-cyl,93kW,Ecoma	/	01/04 -	MG23
TRACTORS				
1135		/	-	MG560

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
JCB (BAMFORD) (continued)				
125		/	-	MG560
	1000-6 T/HRS/6T4/6-BTA	/	-	MG560
135	1000-6 T/HRS/6T4/6-BTA	/	-	MG560
145		/	-	MG560
	1000-6 T/HRS/6T4/6-BTA	/	-	MG560
155	1000-6 T/HRS/6T4/6-BTA	/	-	MG560
185	1000-6 T/HRS/6T4/6-BTA	/	-	MG560
3CX	4.236 Perkins	/	-	MG426
4420	444TA4i93L1	/	01/13 -	MG756

KAELBLE

SCRAPERS

LR 12	MB-OM360	/	01/12 -	MG368
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SHOVELS

SL 10	MB-OM352	/	-	MG206
			04/74 - 12/79	MG658
				MG206
				MG658
SL 12	MB-OM360	/	-	MG206
			07/69 - 02/76	MG206
				MG658
SL 12C	MB-OM352	/	-	MG100
			08/78 - 08/82	MG289
SL 15	MB-OM360	/	-	MG206
			07/69 - 05/78	MG206
				MG658
SL 18B	MB-OM355B	/	-	MG206
			01/69 - 12/79	MG206
				MG658
SL 18E	OM355	/	04/74 - 06/90	MG100
SL 20	MB-OM355	/	-	MG100
	MB-OM427	/	01/80 -	MG289

KRAMER

TELEHANDLER

2506	4-cyl,50kW,TD2009 L04	/	-	MG314
3307	4-cyl,88kW,TCD2012 L04-2V	/	-	MG314
4009	4-cyl,88kW,TCD2012 L04-2V	/	-	MG314
4507	4-cyl,88kW,TCD2012 L04-2V	/	-	MG314
KL 27T	45kW,D2011 L04	/	05/79 - 12/80	MG314
KL 27T	D2011 L04	/	-	MG314
KL 35	45kW,D2011 L04	/	-	MG314
	D2011 L04	/	-	MG314
KL 35T	55kW,D2011 L04	/	05/79 - 12/80	MG314
KL 35T	D2011 L04	/	-	MG314
KL 37	55kW,D2011 L04	/	-	MG314
	D2011 L04	/	-	MG314
KL 43	55kW,D2011 L04	/	-	MG314
	D2011 L04	/	-	MG314
KL 54	88kW,TCD2012 L04 2V,Tier 3	/	-	MG314
KT 256	50kW,TCD2009 L04	/	-	MG314

WHEEL LOADERS

1150	4-cyl,55kW,D2011 L04W	/	-	MG314
380	4-cyl,45kW,D2011 L04W	/	-	MG314
480	4-cyl,45kW,D2011 L04W	/	11/84 - 08/88	MG314
580	4-cyl,55kW,TCD2011 L04W	/	01/92 -	MG314
680T	4-cyl,55kW,TCD2011 L04W	/	06/81 - 08/88	MG314
750	4-cyl,45kW,D2011 L04W	/	06/81 - 12/91	MG314
780	4-cyl,55kW,D2011 L04W	/	09/88 -	MG314
850	4-cyl,45kW,D2011 L04W	/	01/92 -	MG314

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
880	4-cyl,88kW,TCD2012 L04-2V	/	05/79 - 12/80	MG314
950	4-cyl,55kW,TCD2011 L04W	/	05/79 - 12/80	MG314

LAMBORGHINI

TRACTORS

100	1000.4.. 96HP,Tier III	/	-	MG515
	1000.4.. 96HP,Tier III	/	-	MG353
1000		/	06/81 - 12/84	MG123
		/	06/85 -	MG127
105 FORMULA	1000.4W,103HP	/	01/89 - 12/95	MG515
1050 DT	1000.4WT,103HP	/	01/95 - 12/04	MG353
1060 DT	1000.4WT,105HP	/	01/95 - 12/04	MG515
110	1000.4.. 106HP,Tier III	/	-	MG353
		/	-	MG515
	1000.4..106HP,Tier III	/	-	MG515
1100	1000.6.. 110HP	/	01/00 - 12/03	MG353
115 FORMULA	1000.6W	/	12/89 -	MG521
	1000.6W,150HP	/	12/89 - 01/01	MG515
115 FORMULA DT	1000.6W,150HP	/	01/95 - 12/01	MG515
120	1000.6.. 120HP	/	01/98 - 12/04	MG353
1300	1000.6.. 130HP	/	01/00 - 12/03	MG353
135	1000.6.. 135HP	/	01/98 - 12/04	MG353
135 FORMULA	1000.6WT	/	12/89 -	MG521
135 FORMULA DT/DT REV	1000.6WT,132HP	/	01/98 - 12/01	MG515
150	1000.6.. 150HP	/	01/98 - 12/04	MG353
150 RACING DT	1000.6WT,150HP	/	01/95 - 12/01	MG353
160	1 L6,122kW,TCD6,Tier 4i	/	01/13 -	MG52
	1 L6,TCD6	/	01/13 -	MG52
	1000.6.. 160HP	/	01/00 - 05/13	MG353
160VRT	1 L6,126kW,TCD6,Tier 4i	/	01/13 -	MG29
1600	1000.6.. 160HP	/	01/00 - 12/03	MG353
165 RACING	1000.6WT	/	05/91 -	MG521
	1000.6WT,163HP	/	05/91 - 01/01	MG353
165 RACING DT	1000.6WT,163HP	/	- 12/01	MG353
180	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MG29
	1000.6.. 180HP	/	01/00 - 12/04	MG353
180VRT	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MG29
1800	1000.6.. 180HP	/	01/00 - 12/03	MG353
190	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MG29
190 RACING	1000.6WTIR	/	01/92 -	MG521
190 RACING/DT	1000.6WTIR,189HP	/	01/92 - 12/01	MG515
190VRT	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MG29
200	1000.6.. 200HP	/	01/00 - 12/04	MG353
200 ST	1 L6,139kW,TCD6,Tier 4i	/	01/13 -	MG29
210VRT	1 L6,151kW,TCD6,Tier 4i	/	01/13 -	MG29
220 ST	1 L6,157kW,TCD6,Tier 4i	/	01/13 -	MG29
230	1000.6.. 230HP	/	01/99 - 12/01	MG353
230 PLUS	1000.6.. 230HP	/	01/04 - 12/04	MG353
230VRT	1 L6,162kW,TCD6,Tier 4i	/	01/13 -	MG29
235 DT-S 2RM	982L	/	06/73 - 12/76	MG123
240	1000.6.. 244HP	/	01/93 - 12/94	MG515
250VRT	1 L6,175kW,TCD6,Tier 4i	/	01/13 -	MG29
260	1000.6.. 260HP	/	01/99 - 12/01	MG353
260 PLUS	1000.6.. 260HP	/	01/01 - 12/04	MG353
465	320DS Turbo	/	-	MG110
483 L/N	983L	/	04/83 - 01/85	MG438
483 N-L	983L	/	02/85 - 04/86	MG123
55	1000.3.. 55HP,Tier II	/	-	MG515
554-50 2RM / DT	1000.3A,50HP	/	01/93 - 12/01	MG515
564-60	1000.3,60HP	/	01/93 - 12/01	MG515
564-60 DT/2RM	1000.3A	/	-	MG515
570,572		/	-	MG515
574-60 N CROSS DT/2RM	1000.3A/1000.4W	/	-	MG515
574-70 2RM / DT	1000.3A,70HP	/	01/93 - 12/01	MG515
574-70 DT/2RM	1000.3AT	/	-	MG515
583 DT 2RM	1003.5	/	06/82 - 12/83	MG124
583 N-L-S	983P	/	04/83 - 04/86	MG123
60	1000.3.. 62HP,Tier III	/	-	MG515
65	1000.3,62HP,Tier III	/	-	MG515

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
LAMBORGHINI (continued)				
653 DT	105.3P	/	01/08 - 01/79 - 12/85	MG515 MG123
654 DT	984P-Same	/	07/77 - 12/81	MG123
654-55	1000.3.. 56HP	/	01/00 - 12/04	MG515
660 AGILE	1000.3A,60HP	/	01/86 - 12/97	MG353
660 F PLUS	1000.3A,60HP	/	05/91 - 12/97	MG521
660-F PLUS DT/2RM	1000.3A	/	-	MG515
660-V AGILE	1000.3A	/	-	MG353
660-V DT	1000.3A	/	-	MG515
664-60	1000.3.. 60HP	/	01/95 - 12/00	MG515
664-60 SPRING /DT/2RM	1000.3W	/	01/95 - 12/00	MG353
664-65	1000.3.. 63HP	/	01/99 - 12/04	MG515
674-70	1000.4.. 70HP	/	01/95 - 12/00	MG515
674-70 DT/2RM	1000.4V,70HP	/	01/86 - 12/90	MG353
674-70 N CROSS 2RM	1000.4V,70HP	/	01/86 - 12/90	MG515
674-70 N CROSS DT REV/BASSO	1000.4V,70HP	/	01/86 - 12/90	MG515
674-70 SPRINT DT/2RM	1000.4V,70HP	/	01/86 - 12/90	MG515
674-75	1000.4.. 72HP	/	01/00 - 12/04	MG515
683 L/N	105.3P	/	04/83 - 04/86	MG123
684 DT	67HP,984P	/	01/82 - 12/85	MG123
684-85	1000.4.. 83HP	/	01/00 - 12/04	MG353
70	1000.3,66HP	/	-	MG515
	1000.3.. 70HP	/	-	MG515
	1000.3.. 70HP,Tier II	/	-	MG515
	1000.3.. 72HP,Tier III	/	-	MG515
75	1000.3,72HP,Tier III	/	-	MG515
	1000.3.. 75HP	/	01/08 - -	MG515 MG515
754 DT	Same-984P	/	11/76 - 01/82	MG123
770 AGILE	1000.3VVT	/	-	MG353
774-80 N DT	1000.4V,80HP	/	01/86 - 12/90	MG515
775 F PLUS	1000.3VVT	/	05/91 -	MG521
775-F PLUS DT REV	1000.3VVT	/	-	MG515
775-V AGILE	1000.4V	/	-	MG353
775-V DT	1000.4V	/	-	MG515
784 DT	1054P	/	01/80 - 12/85	MG123
80	1000.3.. 82HP,Tier III	/	-	MG515
	1000.4,75HP,Tier III	/	-	MG353
80.4	1000.4.. 80HP,Tier III	/	-	MG353
80/100	4 cyl	/	-	MG515
850 DT/2RM	1000.4V,85HP	/	01/95 - 12/04	MG353
874-90 DT REV	1000.4V,90HP	/	01/86 - 12/90	MG353
880 AGILE	1000.4V	/	-	MG353
880-F PLUS DT	1000.4V	/	-	MG515
90	1000.4.. 85HP,Tier III	/	-	MG353 MG515
90.3	1000.3.. 90HP,Tier III	/	-	MG515
900 SERIE		/	06/85 -	MG127
950 DT	1000.4WT,95HP	/	01/95 - 12/04	MG353
990 AGILE	1000.4WT	/	-	MG353
990-F PLUS DT	1000.4WT	/	-	MG515
AGILE 990	4 cyl	/	-	MG515
C 362	982L	/	02/85 - 04/86 04/81 - 01/85	MG123 MG438
C 453	983L	/	04/81 - 01/84	MG438
C 533	983L	/	04/81 - 01/84	MG438
C 553		/	02/85 - 04/86	MG123
C 554 COMPACT	100.3P	/	06/87 -	MG123
	1003PA	/	-	MG515
C 554 ERGOMATIC	100.3P	/	06/87 -	MG123
	1003PA	/	-	MG515
C 554 LARGO	1003PA	/	-	MG515
C 653		/	02/85 - 04/86	MG123
C 664 ERGIMATIC COMPACT	1053PA	/	-	MG515
C 664 ERGIMATIC SUPERCOMPACT	1053PA	/	-	MG515
C 664 ERGOMATIC	1053PA	/	-	MG515
C 664 LARGO	1053PA	/	-	MG515

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
C 674 ERGOMATIC	1000.4V,70HP	/	-	MG515
C 674 LARGO	1000.4V,70HP	/	-	MG515
C 774 ERGOMATIC	1000.4V,80HP	/	-	MG515
C 874 ERGOMATIC	1000.4V,90HP	/	-	MG515
C. 110 SIX	1000.4. 102HP,Tier III	/	-	MG515
CF 100	1000.4. 95HP,Tier III	/	-	MG515
CF 90	1000.4. 85HP,Tier III	/	-	MG353
CV 80	1000.3. 82HP,Tier III	/	-	MG515
	60kV,5DF1000.3,Tier 3	/	01/12 -	MG515
R 1056 DT	986-3	/	02/77 - 01/81	MG123
R 1056/DT	105HP	/	06/81 - 12/84	MG123
R 1106/1306/1506	916.6V	/	-	MG515
R 1156	105.6P	/	06/81 - 12/84	MG123
R 1256 DT	1056PP	/	06/78 - 07/81	MG123
R 1306	916.6VWT	/	-	MG515
R 1356 DT	135HRH1106-12	/	12/80 - 12/84	MG123
R 1556	H1106-15	/	06/81 - 12/84	MG123
R 235 S	982L	/	01/83 - 09/90	MG438
R 483	983L	/	02/85 -	MG123
			05/82 - 01/85	MG438
R 503 S	100.3	/	09/83 - 02/84	MG124
R 513 DT/V	983L	/	03/83 -	MG438
R 550	983LA	/	-	MG515
R 583	100-3P	/	03/83 -	MG123
R 603 S	FL-100.3	/	09/83 - 03/84	MG124
R 613 F	105.3P	/	01/82 - 02/88	MG123
R 654 R/DT		/	03/82 -	MG123
R 660	1000.3A	/	-	MG515
R 683 DT 2RM	105.3P	/	03/82 -	MG123
R 684 F	984P	/	03/82 - 12/85	MG123
R 714 DT 2RM	100.4P	/	03/84 - 02/88	MG123
R 724 F	100.4P	/	02/82 - 04/86	MG123
R 754	105.4P	/	01/82 - 12/85	MG123
R 765 C		/	01/82 - 12/85	MG123
R 854 DT 2RM	105.4P	/	11/76 - 12/85	MG123
R 955 DT 2RM	105.5P	/	06/79 - 12/85	MG123
R 956	916.6V	/	-	MG515
R2.100	1000.4V,95HP,Tier III	/	-	MG353
R2.59	1000.3,59HP	/	-	MG515
R2.60 TARGET	1000.3,62HP,Tier III	/	-	MG515
R2.66	1000.3,66HP	/	-	MG515
R2.70	1000.3,72HP,Tier III	/	-	MG515
R2.70 TARGET	1000.3,72HP,Tier III	/	-	MG515
R2.76	1000.4,76HP	/	-	MG515
R2.80	1000.3,82HP,Tier III	/	-	MG515
R2.80 TARGET	1000.3,82HP,Tier III	/	-	MG515
R2.86	1000.4,86HP	/	-	MG515
R2.90	1000.4V,85HP,Tier III	/	-	MG353
R2.90 TARGET	1000.4V,85HP,Tier III	/	-	MG353
R3.105	1000.4,102HP,Tier III	/	-	MG353
R3.75	.. 75HP,SAME	/	-	MG515
R3.85	1000.4,85HP	/	-	MG515
R3.90	1000.4,88HP,Tier III	/	-	MG353
R3.95	1000.4,95HP	/	-	MG515
R3.T TARGET 105	1000.4,102HP,Tier III	/	-	MG353
R3.T TARGET 90	1000.4,88HP,Tier III	/	-	MG353
R4.105	1000.6V,100HP	/	01/04 - 12/09	MG515
R4.110	1000.4V,109HP	/	01/04 - 12/09	MG515
R4.85	1000.4V,85HP	/	01/04 - 12/09	MG515
R4.95	1000.4V,91HP	/	01/04 - 12/09	MG515
R5.115	1000.6V,115HP	/	01/03 - 12/07	MG353
R5.140 EVO	1000.6V,140HP	/	01/10 -	MG353
R5.160 EVO	1000.6V,163HP	/	01/10 -	MG353

LANDINI

TRACTORS

100		/	-	MG199
	1104D-44T,4-cyl,5HP,92	/	-	MG199
	Perkins 1004-40T	/	-	MG348

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
				MG388
100 GT	Perkins 1004-40T	/	-	MG348
105	1104C/D-44T	/	-	MG199
	1104C-44T	/	-	MG199
110	102HR,1104D-44TA,4-cyl	/	-	MG199
	Perkins 1006-60	/	-	MG81
115	Perkins 1006-6	/	-	MG81
120	1104D-44TA,112HR,4-cyl	/	-	MG199
	Perkins 1006-60T	/	-	MG81
125	117HR,6-cyl,FPT.NEF	/	-	MG181
	FPT.NEF	/	-	MG181
130	Perkins 1006-60T	/	-	MG81
135	133HR,6-cyl,FPT.NEF	/	-	MG181
	FPT.NEF	/	-	MG181
140	Perkins 1006-60T	/	-	MG81
145	141HR,6-cyl,FPT.NEF	/	-	MG181
	FPT.NEF	/	-	MG181
	Perkins 1006-6THR	/	-	MG81
145 NEF CR TAA	6728/6/24	/	-	MG616
160	Perkins 1006-6TW	/	-	MG81
165	157HR,6-cyl,FPT.NEF	/	-	MG181
	FPT.NEF	/	-	MG181
	Perkins 1006-6THR	/	-	MG81
165 NEF CR TAA	6728/6/24	/	-	MG616
180	6-cyl,FPT.NEF	/	-	MG181
	FPT.NEF	/	-	MG181
	Perkins 1006-6TA	/	-	MG81
190 NEF CR TAA	6728/6/24	/	-	MG616
	Sun Jun 24 02:00:00 CEST 6728	/	-	MG616
210 NEF CR TAA	6728/6	/	-	MG616
230 NEF CR TAA	6728/6/24	/	-	MG616
	Sun Jun 24 02:00:00 CEST 6728	/	-	MG616
55	Perkins 903-27	/	-	MG359
55 TOP	Perkins 903-27	/	-	MG348
5860	Perkins 903-27	/	-	MG348
60	T3152 Perkins	/	-	MG348
60 F/L/V	Perkins 903-27	/	-	MG348
6-160	118kW,CR TAA,NEF,Tier 4i	/	01/12 -	MG72
	NEF	/	01/12 -	MG72
65	4236 Perkins	/	-	MG592
	Perkins 1004-40	/	-	MG359
	Perkins 4.236	/	-	MG592
65 TOP	Perkins 1004-40	/	-	MG348
65 V	Perkins 903-27T	/	-	MG348
6870	A4.236	/	-	MG348
70	Perkins 1004-40	/	-	MG348
70 F/L/GT/V	Perkins 1004-40	/	-	MG348
7-145	156HR,6-cyl,CR TAA,FPT.NEF	/	-	MG72
	6-cyl,FPT.NEF	/	-	MG72
7-165	171HR,6-cyl,CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
7-175	129kW,6-cyl,FPT.NEF,Tier 4	/	01/13 -	MG72
	FPT.NEF	/	01/13 -	MG72
7-180	175HR,6-cyl, CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
7-190	138kW,6-cyl,FPT.NEF,Tier 4	/	01/11 -	MG72
	199HR,6-Cyl,CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
			01/11 -	MG72
7-195	188HR,6-cyl,CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
7-205	203HR,6-cyl,CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
7-210	213HR,6-Cyl,CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
7-220	218HR,6-cyl,CR TAA,FPT.NEF	/	-	MG72
	FPT.NEF	/	-	MG72
7-230	225HR,6-Cyl,CR TAA,FPT.NEF	/	-	MG72

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
7-235	FPT.NEF	/	-	MG72
	232HP6-cyl,CR TAA,FPT.NEF	/	-	MG72
75	FPT.NEF	/	-	MG72
	1104C-44	/	-	MG199
	Perkins 1004	/	-	MG348
75 TOP	Perkins 1004-42	/	-	MG359
	Perkins 1004-42	/	-	MG348
7870	A4.236	/	-	MG348
80	1104D-44,4-cyl,74HP	/	-	MG199
	Perkins 1004-42	/	-	MG348
80 F/L/GT/V	Perkins 1004-42	/	-	MG359
80 TOP	Perkins 1004-42	/	-	MG348
85	Perkins 1004	/	-	MG348
85 F/GE	1103D-33TA,3-cyl,79HP	/	-	MG348
8870	A4.248	/	-	MG348
90	Perkins 1004-42	/	-	MG199
	1144D-44T,4-cyl,83HP	/	-	MG199
	Perkins 1004-40T	/	-	MG348
90 F/GE/GT	1104D-44T,4-cyl,83HP	/	-	MG388
9080	Perkins-T4.236	/	-	MG348
90F/110	Perkins 1004-40T	/	-	MG592
95	1104C-44T	/	-	MG348
	Perkins-T4.236	/	-	MG199
	T4.236	/	-	MG592
9880	T4.236	/	-	MG592
BLIZZARD	Perkins 1004-40	/	-	MG192
	Perkins 1004-40T	/	-	MG592
	Perkins T3152	/	-	MG348
CABINATO	Perkins 1004-40	/	-	MG348
	Perkins 1004-40T	/	-	MG592
CINGOLATO L005	Perkins 1004-42	/	-	MG348
FOOT-STEEP	Perkins 1004-40T	/	-	MG348
FOOT-STEP	Perkins 1004-40T	/	-	MG348
LEGEND	Perkins 1006-6HR3	/	-	MG590
MINI	Perkins 1006-6HR3	/	-	MG654
	Perkins 1004-40	/	-	MG592
	Perkins 1004-40T	/	-	MG235
	Perkins 1004-42	/	-	MG86
RETYLING CAB.RP01	Perkins 1004-42	/	-	MG348
RETYLING CAB.RP50	Perkins 1004-42	/	-	MG348
RETYLING CAB.RT50	Perkins 1004-4	/	-	MG592
RETYLING FOOT-SETEP RT01	Perkins 1004-42	/	-	MG348
RETYLING FOOT-STEP PT40	Perkins 1004-42	/	-	MG348
SERIE 60	Perkins 1004-40	/	-	MG592
	Perkins 1004-40T	/	-	MG348
SERIE 80	Perkins 1004-40	/	-	MG592
	Perkins 1004-40T	/	-	MG192
TESTYLING FOOT-STEP RT40	Perkins 1004-4	/	-	MG348
TRACTORS	Perkins 1004-4	/	-	MG592
	Perkins Engines	/	-	MG284
				MG550
				MG682

LAVERDA

COMBINES

3400	Fiat-8061.05.000 I	/	05/86 -	MG399
3500	Fiat-8061.05.000 I	/	01/85 -	MG399
3790	OM-8361 SI 10.00	/	06/85 -	MG521
3850	OM-8361 S 10	/	01/91 -	MG521
3900	8216I002	/	01/83 - 12/85	MG369
	Fiat-8261 I 002	/	01/83 - 12/85	MG369
L 521H/I	OM-8361 SI 10	/	03/92 -	MG521
L 624/H	OM-8361.25 SR 10	/	03/92 -	MG521
MX 300	8210SI02	/	03/87 - 10/90	MG369

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
LIEBHERR				
TELEHANDLER				
TL441-10 LITRONIC	4045 HF287,74kW,III-A	/	-	MG482
TL441-13 LITRONIC	4045 HF287,74kW,III-A	/	-	MG482
TL451-10 LITRONIC	4045 HF287,74kW,III-A	/	-	MG482
TL451-13 LITRONIC	4045 HF287,74kW,III-A	/	-	MG482
WHEEL LOADERS				
L506 COMPACT	4-cyl,46kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L507 SPEEDER/STEREO	4-cyl,46kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L507 STEREO	4-cyl,46kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L508 COMPACT	4-cyl,46kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L509 SPEEDER/STEREO	4-cyl,60kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L509 STEREO	4-cyl,46kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L510 STEREO	4-cyl,60kW,D2011 L4W	/	-	MG314
	D2011 L4W	/	-	MG314
L514 STEREO	4045 HF288,98HP	/	-	MG279
L524	4045 HF286,86kW	/	-	MG84
L528	4045 HF286,86kW	/	-	MG239

LINDNER

TRACTORS

154		/	01/76 - 01/79	MG372
2100	6/98NT	/	01/74 - 01/81	MG372
245/S	D3.152	/	01/74 - 01/80	MG372
253	D3.152	/	01/71 - 01/76	MG372
262	4.98DT	/	01/69 - 01/80	MG372

MANITOU

LIFT TRUCKS

M 30-2/4	55,5kW,Perkins 854F-E34T	/	-	MG485
M 50-2/4	55,5kW,Perkins 854F-E34T	/	02/13 -	MG485

TELEHANDLER

MLB 625 T	Perkins 1104 C 44T	/	01/10 -	MG560
MLT 629	TCD 3.6 L4	/	01/10 -	MG485
MLT 629 - 24	75kW,854-E34TA,Tier 4	/	01/10 -	MG485
MLT 629-20/C	75kW,854-E34TA,Tier 4	/	01/10 -	MG485
MLT 634-120	6 L4,90kW,TCD3,Tier 4	/	08/78 - 08/82	MG52
	6 L4,TCD3	/	-	MG52
MLT 741-120 PS	6 L4,90kW,TCD3,Tier 4	/	09/82 - 12/84	MG165
	6 L4,TCD3	/	-	MG165
MLT 940 H	6 L4,90kW,TCD3,Tier 4	/	09/82 - 12/84	MG165
	6 L4,TCD3	/	-	MG165
MRT 1440	5HP,74,Perkins 1104D-44T	/	09/82 - 12/84	MG562
MRT 1840	Perkins 854E-E34TA	/	-	MG223
			08/78 - 08/82	MG223
MT 1030 S	70kW,Perkins 1104C 44 T	/	-	MG560
MT 1030 S/ST	1104D-44TA,75kW	/	-	MG223
MT 1033 HLT	Perkins 1104C 44 T	/	-	MG227
				MG734
MT 1135/H/HA	75kW,854E-34TA,Tier 4	/	-	MG485
MT 1235 S/ST	Perkins 1104C 44 T	/	-	MG560
				MG734
MT 1240 LT ULTRA	Perkins 1104C 44 T	/	-	MG227
				MG734
MT 1335 H SLT/ORH	Perkins 1104C 44 T	/	-	MG560
				MG734
MT 1335 H/HA	75kW,854E-34TA,Tier 4	/	-	MG485
MT 1335 SL/SLT	Perkins 1104C 44 T	/	-	MG227

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
MT 1340 SLT MU ORH	Perkins 1104C 44 T	/	-	MG734
				MG227
				MG734
			01/70 - 01/73	MG227
				MG734
MT 1340 SLT/SLT ULTRA	Perkins 1104C 44 T	/	-	MG560
				MG734
				MG560
			01/73 -	MG734
MT 1345 H SL TURBO	Perkins 1104C 44 T	/	-	MG560
				MG734
				MG560
			01/69 -	MG734
MT 1345 SL/SLT	Perkins 1104C 44 T	/	-	MG227
				MG734
				MG227
			01/73 -	MG734
MT 1435 H SLT MU ORH	Perkins 1104C 44 T	/	-	MG227
				MG734
				MG227
			01/73 -	MG734
MT 1440 /A/H/HA	854-E34TA	/	-	MG485
				MG734
				MG734
MT 1440 SLT	Perkins 1104C 44 T	/	-	MG227
				MG734
				MG227
			04/89 -	MG734
MT 1440 SLT MU ORH RC	Perkins 1104C 44 T	/	-	MG227
				MG734
				MG227
			04/89 -	MG734
MT 1440 SLT/SLT ULT	Perkins 1104C 44 T	/	-	MG227
				MG734
				MG227
			01/81 -	MG734
MT 1440/A/H/HA	75kW,854-E34TA,Tier 4	/	-	MG485
				MG734
				MG734
MT 1740 SLT MU ORH	Perkins 1104C 44 T	/	-	MG560
				MG734
				MG560
			01/81 -	MG734
MT 1740 SLT ULTRA ORH RC	Perkins 1104C 44 T	/	-	MG227
				MG734
				MG227
			01/92 - 12/97	MG734
MT 1740 SLT/SLT ULTRA	Perkins 1104C 44 T	/	-	MG560
				MG734
				MG560
			01/89 - 12/92	MG734
MT 1745 HSLT ULTRA	Perkins 1104C 44 T	/	-	MG560
				MG734
				MG560
			01/92 - 12/97	MG734
MT 1840	1104D-44TA,5kW,74,Tier 3	/	01/92 - 12/97	MG485
MT 732	70kW,Perkins 1104C 44 T	/	01/96 - 01/98	MG223
	Perkins 1104C 44 T	/	-	MG223
MT 835/H	75kW,854-E34TA,Tier 4	/	01/89 - 03/92	MG485
MT 928	Perkins 1104C 44 T	/	01/89 - 12/97	MG560
MT 932	70kW,Perkins 1104C 44 T	/	01/92 - 12/97	MG560
MT 940 LT	Perkins 1104C 44 T	/	01/96 - 01/98	MG560

MARSHALL

TRACTORS

272	4/98NT	/	01/73 - 01/76	MG372
282	4/98TT	/	01/74 - 01/81	MG426
285	6/98NT	/	01/74 - 01/81	MG372
3/45	2.8T/2.8TD	/	-	MG372
344	3.4TD	/	01/70 - 01/72	MG372
384	3.8TD	/	01/70 - 01/72	MG372

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
MARSHALL (continued)				
4/65	3.8T/3.8TA/3.8TD	/	-	MG372
4100	6/98NT	/	01/74 - 01/81	MG372
462	4.98DT	/	01/77 - 01/80	MG372
472	4/98NT	/	01/77 - 01/81	MG372
482	4/98TT	/	01/74 - 01/77	MG426
485	6/98NT	/	01/74 - 01/81	MG372
502	D3.152	/	01/81 - 01/85	MG372
602	4/98DT	/	01/81 - 01/85	MG372
604	4/98DT	/	01/81 - 01/85	MG372
702	4/98NT	/	01/81 - 01/85	MG372
704	4/98NT	/	01/81 - 01/85	MG372
802	4/98TT	/	01/80 - 01/85	MG426
804	4/98TT	/	01/80 - 01/85	MG426
D 110	Steyr-WD611.88	/	01/90 -	MG626
D 135	Steyr-WD612.87	/	01/90 -	MG626
D 150	Steyr-WD612.86	/	01/90 -	MG626
D 642	Steyr-WD411.44	/	01/90 -	MG626
D 644	Steyr-WD411.44	/	01/90 -	MG626
D 742	Steyr-WD411.90	/	01/90 -	MG626
D 744	Steyr-WD411.90	/	01/90 -	MG626
D 842	Steyr-WD411.88	/	01/90 -	MG626
D 844	Steyr-WD411.88	/	01/90 -	MG626
D 944	Steyr-WD611.43	/	01/90 -	MG626

MASSEY-FERGUSON

COMBINES

BC 4500	Sisu 620DS 6cyl.	/	03/08 -	MG52
MF 560	Perkins AT6.354.4	/	01/76 -	MG272

TELEHANDLER

9407 S-XTRA	4-Cyl,6,90kW,Deutz 3,Tier 4	/	-	MG165
	6,90kW,Deutz 3	/	-	MG165

TRACTORS

MF 1014	Perkins A6.354	/	01/83 -	MG212
MF 1114	Perkins A6.354	/	01/83 -	MG212
MF 1134	Perkins A6.354	/	01/83 -	MG212
MF 1250	Perkins A6.354.4	/	01/79 -	MG348
MF 133	Perkins-A3.144	/	01/69 - 01/76	MG462
MF 135	Perkins AD3.152	/	04/81 -	MG462
MF 140		/	04/81 -	MG462
	Tractor	/	04/81 -	MG272
MF 142		/	04/81 -	MG462
	Tractor	/	04/81 -	MG272
MF 145 MK3/V		/	04/81 -	MG462
	Tractor	/	04/81 -	MG272
MF 148 MK3/MK4	Perkins AD3.152	/	04/81 -	MG272
		/		MG462
MF 152		/	04/81 -	MG462
	Tractor	/	04/81 -	MG272
MF 154 F/S	Perkins AD3.152S	/	01/83 - 01/89	MG216
	Perkins-A3.152	/	01/83 - 01/89	MG212
MF 154.4	Perkins AD3.152	/	01/83 - 01/89	MG216
MF 155	Perkins AD4.203	/	04/81 -	MG462
MF 158	Perkins AD4.203	/	04/81 -	MG462
MF 168	Perkins A4.236	/	04/81 -	MG462
MF 174	Perkins A4.236	/	04/81 -	MG462
MF 184 AS/SF	Perkins A4.236	/	04/82 -	MG462
MF 184 F	Perkins A4.236	/	01/85 - 01/89	MG212
MF 184 VINEYARD	Perkins A4.236	/	01/85 - 01/89	MG216
MF 185 AS/SF	Perkins A4.248	/	04/82 -	MG272
MF 194 F	Perkins A4.248	/	04/82 -	MG462
MF 200	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
		/		MG692
	MWM/PERKINS/SISU	/	-	MG118
		/		MG692

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
MF 20B/E	Perkins AD3.152	/	01/82 -	MG462
MF 230	Perkins AD3.152	/	01/77 -	MG462
MF 234C	Perkins AD3.152	/	01/83 -	MG212
MF 235		/	01/77 -	MG462
	Perkins A3.152	/	01/77 -	MG271
MF 240	Perkins A4.236	/	01/77 -	MG462
	Perkins AD3.152	/	01/79 - 12/88	MG212
MF 245		/	01/79 - 12/88	MG462
MF 250	Perkins AD3.152	/	01/82 -	MG462
MF 250/F		/	-	MG118
				MG692
MF 254		/	01/79 -	MG272
	Perkins AD3.152	/	01/77 -	MG462
			01/84 -	MG212
MF 255	Perkins AD3.152	/	01/77 - 12/88	MG462
MF 255.4	Perkins AD4.236	/	01/75 -	MG271
MF 255/F		/	-	MG118
				MG692
MF 260		/	01/77 -	MG462
MF 2600	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
				MG692
	MWM/PERKINS/SISU	/	-	MG118
				MG692
MF 262/F		/	-	MG118
				MG692
MF 2620	Perkins A6.354.4	/	04/82 -	MG462
MF 2640		/	01/81 - 01/85	MG272
	Perkins A6.354.4	/	04/82 -	MG462
MF 265		/	01/81 -	MG272
	Perkins A4.236	/	01/70 -	MG462
MF 2680	Perkins AT6.354.4	/	04/82 -	MG462
MF 2720	Perkins AT6.354.4	/	01/82 -	MG271
MF 2725	Perkins AT6.354.4	/	01/82 -	MG271
MF 273		/	-	MG216
MF 274		/	-	MG216
			01/83 - 12/88	MG272
	Perkins A4.236	/	01/77 -	MG462
			01/84 -	MG216
MF 274 SK	Perkins A4.236	/	01/84 -	MG216
MF 275		/	01/75 - 12/88	MG272
	Perkins A4.236	/	01/77 -	MG462
			01/79 -	MG271
MF 275 F		/	-	MG118
				MG692
MF 275/565/3050	Perkins A4.236	/	-	MG272
MF 283		/	-	MG216
MF 283/F		/	-	MG118
				MG692
MF 284		/	-	MG216
			01/79 -	MG272
	Perkins A4.236	/	01/75 -	MG462
MF 284 ASI/ASK/C		/	-	MG216
MF 285		/	01/79 - 12/88	MG272
	Perkins A4.236/318	/	01/77 -	MG462
	Perkins A4.318/318	/	01/73 -	MG271
MF 290	Perkins	/	-	MG118
				MG692
	Perkins A4.248	/	01/79 - 01/86	MG118
				MG692
			01/80 -	MG271
				MG692
			04/80 -	MG462
				MG692
MF 291/K		/	-	MG116
				MG692
MF 292		/	-	MG116
MF 294 ASI/ASK		/	-	MG216
MF 294 C/S	Perkins A4.248	/	01/84 -	MG212
				MG216
MF 298	Perkins A4.318.2	/	01/80 -	MG462
MF 30 D		/	01/82 -	MG271

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
MASSEY-FERGUSON (continued)				
MF 3050	Perkins A4.236	/	-	MG272
MF 3050.2	Perkins A4.236	/	01/87 -	MG271
MF 3050.4	Perkins A4.236	/	01/86 -	MG271
MF 3060	Perkins A4.248	/	01/88 -	MG530
MF 3070	Perkins AT4.236	/	01/86 -	MG271
MF 3080	Perkins A6.354.4	/	01/86 -	MG271
MF 3090	Perkins A6.354.4	/	01/86 -	MG271
MF 3145		/	-	MG212
MF 32	Sisu 620DS 6cyl.	/	03/08 -	MG52
MF 330 S	1004-40	/	-	MG515
MF 3303		/	04/82 -	MG462
MF 3315		/	-	MG353
MF 3325		/	-	MG353
MF 3330		/	-	MG353
MF 3340	1004-42	/	-	MG353
MF 3350		/	-	MG353
MF 3355		/	-	MG353
MF 34	Sisu 634DSA 6cyl.	/	04/08 -	MG52
MF 350	Perkins AD3.152	/	01/86 -	MG212
MF 355	Perkins AT3.152	/	01/86 - 01/90	MG212
MF 360	Perkins AT3.152	/	01/83 -	MG212
MF 3610	Perkins A6.354.4	/	01/86 -	MG271
MF 362		/	-	MG212
MF 3625V/S/F/GE	3-cyl,69HP,Sisu D. 33 DTA	/	-	MG182
MF 3625/V/S/F/GE	Sisu D. 33 DTA	/	-	MG182
MF 3630	Perkins AT6.354.4	/	01/86 -	MG271
MF 3630 A	3-cyl,56kW,Agco Power	/	-	MG182
MF 3630A	3-cyl,Agco Power	/	-	MG182
MF 3635V/S/F/GE	3-cyl,80HP,Sisu D. 33 DTA	/	-	MG182
MF 3635/V/S/F/GE	Sisu D. 33 DTA	/	-	MG182
MF 3640 A	3-cyl,84HP,Sisu Diesel 33CTA	/	-	MG182
	Sisu Diesel 33CTA	/	-	MG182
MF 3640/V/S/F/GE	3-cyl,82HP,Sisu Diesel 33CTA	/	-	MG182
	Sisu Diesel 33CTA	/	-	MG182
MF 3645	Sisu Diesel 33 DTA	/	-	MG182
MF 365	Perkins A4.236	/	01/83 -	MG212
MF 3650	Perkins 1006.6	/	01/86 - 01/90	MG272
	Perkins AT6.354.4	/	01/86 -	MG271
MF 3650 A	3-cyl,92HP,Sisu Diesel 33CTA	/	-	MG182
	Sisu Diesel 33CTA	/	-	MG182
MF 3650/S/F/GE	3-cyl,92HP,Sisu Diesel 33CTA	/	-	MG182
MF 3655	Sisu Diesel 33 DTA	/	-	MG182
MF 3660/S/F/GE	100HP,3-cyl,Sisu D. 33CTA	/	-	MG182
	Sisu D. 33CTA	/	-	MG182
MF 3680		/	06/88 -	MG272
MF 375	Perkins A4.236	/	01/83 -	MG212
MF 383	Perkins A4.236	/	01/86 -	MG216
MF 390/T	Perkins A4.236	/	01/83 -	MG212
MF 398	Perkins AT4.236	/	01/83 -	MG212
MF 399	Perkins A6.354.4	/	01/83 -	MG212
		/	01/89 -	MG415
MF 400	4/6 cyl.,MWM/PERKINS	/	-	MG118
		/	-	MG692
	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
		/	-	MG692
	MWM/PERKINS	/	-	MG118
		/	-	MG692
	MWM/PERKINS/SISU	/	-	MG118
		/	-	MG692
MF 400X	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
		/	-	MG692
	MWM/PERKINS/SISU	/	-	MG118
		/	-	MG692
MF 415		/	-	MG118
		/	-	MG692
MF 4200	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
		/	-	MG692

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
	MWM/PERKINS/SISU	/	-	MG118
				MG692
MF 4245		/	-	MG539
MF 425		/	-	MG118
				MG692
MF 4250		/	-	MG539
MF 4265/F/K		/	-	MG116
				MG692
MF 4275/F/K		/	-	MG116
				MG692
MF 4283/F/K		/	-	MG116
				MG692
MF 4290/K		/	-	MG118
				MG692
MF 4291/K		/	-	MG118
				MG692
MF 4292	(cab)	/	06/09 -	MG39
				MG636
	4cyl.,Sisu 420DS	/	06/09 -	MG212
				MG39
				MG692
	Sisu 420DS	/	06/09 -	MG212
				MG692
MF 4297	(cab)	/	06/09 -	MG39
				MG636
	4cyl.,Sisu 420DS	/	06/09 -	MG226
				MG39
MF 4299	(plat)	/	06/09 -	MG39
				MG636
	4cyl.,Sisu 420DSA	/	06/09 -	MG226
				MG39
MF 435		/	-	MG118
				MG692
MF 440		/	-	MG118
				MG692
MF 4435	3-cyl. 74HP,Sisu Diesel 33DTA	/	-	MG182
	Sisu Diesel 33DTA	/	-	MG182
MF 445		/	-	MG118
				MG692
MF 450		/	-	MG118
				MG692
MF 455		/	-	MG118
				MG692
MF 460		/	-	MG118
				MG692
MF 460 XTRA	(cab)	/	06/09 -	MG39
				MG636
	4cyl.,Sisu 44DTA	/	06/09 -	MG226
				MG39
MF 470 XTRA	4cyl.,Sisu 44DTA	/	06/09 -	MG226
				MG39
	Cab	/	06/09 -	MG39
				MG636
MF 480 STX	Cummins	/	01/06 -	MG9
MF 480 XTRA	(cab)	/	06/09 -	MG39
				MG636
	4cyl.,Sisu 44DTA	/	06/09 -	MG226
				MG39
MF 50	Perkins A4.212	/	01/81 -	MG271
MF 500	4 cyl.,PERKINS	/	-	MG118
				MG692
	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
				MG692
	MWM/PERKINS/SISU	/	-	MG118
				MG692
	Perkins	/	-	MG118
				MG692
MF 50H		/	-	MG216
MF 5200	4 cyl.,MWM	/	-	MG118
				MG692

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
	MWM	/	-	MG118
				MG692
MF 5300	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
				MG692
	MWM/PERKINS/SISU	/	-	MG118
				MG692
MF 5425	82HP,Perkins 1004D 44TA	/	01/08 -	MG168
	Perkins 1004D 44TA	/	01/08 -	MG168
MF 5435	92HP,Perkins 1004D 44TA	/	01/08 -	MG168
	Perkins 1004D 44TA	/	01/08 -	MG168
MF 5445	95HP,Perkins 1004D E44TA	/	01/08 -	MG168
	Perkins 1004D E44TA	/	01/08 -	MG168
MF 5455	105HP,Perkins 1004D E44TA	/	01/08 -	MG168
	Perkins 1004D E44TA	/	01/08 -	MG168
MF 5460	115HP,Perkins 1004D E44TA	/	01/08 -	MG168
	Perkins 1004D E44TA	/	01/08 -	MG168
MF 5608 DYNA-4	3-cyl,60kW,Agco Power	/	-	MG182
	3-cyl,Agco Power	/	-	MG182
MF 5609 DYNA-4	3-cyl,67kW,Agco Power	/	-	MG182
	3-cyl,Agco Power	/	-	MG182
MF 5610 DYNA-4	3-cyl,75kW,Agco Power	/	-	MG182
	3-cyl,Agco Power	/	-	MG182
MF 5611 DYNA-4/DYNA-6	4-cyl,77kW,Agco Power	/	-	MG182
	4-cyl,Agco Power	/	-	MG182
MF 5612 DYNA-4/DYNA-6	4-cyl,85kW,Agco Power	/	-	MG182
	4-cyl,Agco Power	/	-	MG182
MF 5613 DYNA-4/DYNA-6	4-cyl,92kW,Agco Power	/	-	MG182
	4-cyl,Agco Power	/	-	MG182
MF 565			01/82 - 12/88	MG272
	Perkins A4.236	/	-	MG272
			01/76 - 01/81	MG272
MF 5650	Sisu 620DS 6cyl.	/	03/08 -	MG39
				MG636
MF 575		/	01/76 - 01/81	MG272
			01/81 -	MG272
MF 590	Tractor	/	01/76 - 01/81	MG272
MF 592	Perkins A4.318	/	01/72 - 01/82	MG271
MF 595	Perkins A4.318	/	01/72 - 01/81	MG271
MF 6000		/	-	MG562
MF 6110		/	01/92 - 01/97	MG530
				MG682
MF 6120	A4.41	/	01/92 - 01/97	MG530
				MG682
MF 6130	1004-4T	/	01/92 - 01/97	MG530
				MG682
MF 6140	1004.4T	/	01/92 - 01/98	MG530
	Tier 3	/	01/08 -	MG227
				MG734
MF 6150	1004-4THR	/	01/92 -	MG530
	4-244 D	/	01/95 - 01/98	MG550
				MG682
MF 6160	1006-6	/	01/95 - 01/97	MG212
				MG682
MF 6170	1006-6	/	01/96 -	MG212
	6-365 D	/	01/95 - 01/98	MG550
				MG682
MF 6180	1006-6T	/	01/96 -	MG212
	6-365 D	/	01/95 - 01/98	MG550
				MG682
MF 6190		/	01/96 -	MG212
	6-365 D	/	01/95 - 01/98	MG550
				MG682
MF 620	Perkins A6.372	/	01/71 -	MG426
MF 6235	1004.40T	/	-	MG308
				MG682
			01/99 - 01/00	MG308
				MG682

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
MF 6245	1004.40T	/	01/99 - 01/00	MG308 MG682
MF 625	Perkins A6.372	/	01/71 -	MG426
MF 6255	1004.40T	/	01/99 - 01/00	MG308 MG682
MF 6260	1006.60	/	-	MG308
MF 6265	1004.4 D	/	01/99 - 01/00	MG550 MG682
MF 6270	1006-60T	/	01/99 - 01/00	MG550 MG682
MF 6280	1006-60T	/	01/99 - 01/00	MG308 MG682
MF 6290	1006-60T	/	01/99 - 01/00	MG308 MG682
MF 6350	Sisu 620DS 6cyl.	/	04/08 -	MG117
MF 6360	Sisu 634DSA 6cyl.	/	04/08 -	MG117
MF 6445	74kW,Perkins 1004D-E44TA	/	-	MG308
	Perkins 1004D-E44TA	/	-	MG308
MF 6450	Perkins 1006D-E6TA	/	-	MG308
MF 6455	81kW,Perkins 1004D-E44TA	/	-	MG308
	Perkins 1004D-E44TA	/	-	MG308
MF 6460	SISU 44CTA	/	-	MG182
MF 6465	Perkins 1006D-E66TA	/	-	MG308
MF 6470	SISU 44CTA	/	-	MG182
MF 6475	Perkins 1006D-E66TA	/	-	MG308
MF 6480	Perkins 1006D-E6TA	/	-	MG308
	Sisu Diesel 1106D-E66TA	/	-	MG52
MF 6485	130kW,Sisu D. 66.CTA	/	-	MG393
	Sisu D. 66.CTA	/	-	MG393
MF 6490	Sisu Diesel 66.CTA	/	-	MG393
MF 6495	Sisu Diesel 66.CTA	/	-	MG393
MF 6497	Sisu Diesel 74.CTA	/	-	MG182
MF 6499	Sisu Diesel 74.CTA	/	-	MG393
MF 6612 DYNA-4	88kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 6613 DYNA-4/DYNA-6	96kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 6614 DYNA-4/DYNA-VT	103kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 6615 DYNA-4	107kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 6615 DYNA-6/DYNA-VT	110kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 6616 DYNA-6/DYNA-VT	118kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 675	Perkins A4.236	/	01/82 -	MG271
MF 690	Perkins A4.248	/	01/82 -	MG271
MF 698	Perkins A4.318.2	/	-	MG272
MF 698 T	Perkins AT4.236	/	01/83 -	MG216
MF 699	Perkins A6.354.4	/	01/83 -	MG348
MF 7140	Sisu 620DS 6cyl.	/	04/08 -	MG182
MF 7145	Sisu 634DSA 6cyl.	/	04/09 -	MG182
MF 7150	Sisu 620DS 6cyl.	/	04/08 -	MG182
MF 7170	Sisu 620DS 6cyl.	/	05/08 -	MG182
MF 7180	Sisu 620DS 6cyl.	/	05/08 -	MG182
MF 7330	Sisu 620DS 6cyl.	/	04/09 -	MG182
MF 7350	Sisu 620DS 6cyl.	/	04/08 -	MG182
MF 7370	Sisu 620DS 6cyl.	/	04/08 -	MG182
MF 7390	Sisu 620DS 6cyl.	/	04/08 -	MG182
MF 7415	6cyl.,Sisu 634DSA	/	04/09 -	MG182
	Sisu 634DSA	/	04/09 -	MG182
MF 7465	Perkins 1006D-E66TA	/	-	MG308
MF 7475	Perkins 1006D-E66TA	/	-	MG308
MF 7480	Perkins 1006D-E66TA	/	-	MG308
MF 7485	6-cyl.,Sisu Diesel 66CTA	/	-	MG393
	Sisu Diesel 66CTA	/	-	MG393
MF 7490	Sisu Diesel 66.CTA	/	-	MG393
MF 7495	Sisu Diesel 66.CTA	/	-	MG393
MF 7499	165kW,Sisu D. 74.392CTA-4V	/	-	MG468
	Sisu D. 74.392CTA-4V	/	-	MG468

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
MASSEY-FERGUSON (continued)				
MF 7614 DYNA-4	103kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7615 DYNA-4/DYNA-6/DYNA-VT	110kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7616 DYNA-6/DYNA-VT	118kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7618 DYNA-6/DYNA-VT	129kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7619 DYNA-6/DYNA-VT	136kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7620 DYNA-6/DYNA-VT	136kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7622 DYNA-6	158kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7622 DYNA-VT	158kW,6-cyl,Agco P.SCR	/	-	MG182
	Agco P.SCR	/	-	MG182
MF 7624 DYNA-6/DYNA-VT	173kW,Agco P.AWI-4V SCR	/	-	MG468
	Agco P.AWI-4V SCR	/	-	MG468
MF 7626 DYNA-6	188kW,Agco P.AWI-4V SCR	/	-	MG182
	Agco P.AWI-4V SCR	/	-	MG182
MF 8000		/	-	MG562
MF 8110	1006-6T	/	-	MG308
MF 8120	1006-6T	/	-	MG308
MF 8130	1006-6T	/	-	MG308
MF 8170	645DSBILE	/	-	MG308
MF 8180	645DSBILE	/	-	MG308
MF 8450	Sisu Diesel 6 cyl.	/	-	MG393
MF 8460	Sisu Diesel 6 cyl.Tier III	/	-	MG393
MF 8470	Sisu Diesel 6 cyl.	/	-	MG393
MF 8480	Sisu Diesel 6 cyl.Tier III	/	-	MG393
MF 86	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
	MWM/PERKINS/SISU	/	-	MG692
	MWM/PERKINS/SISU	/	-	MG118
	MWM/PERKINS/SISU	/	-	MG692
MF 8650	AGCO SISU Power 84.CTA	/	-	MG182
MF 8660	AGCO SISU Power 84.CTA	/	-	MG182
MF 8670	AGCO SISU Power 84.CTA	/	-	MG182
MF 8680	AGCO SISU Power 84.CTA	/	-	MG182
MF 8690	AGCO SISU Power 84.CTA	/	-	MG182
MF 8727 DYNA-VT	198kW,Agco P.AWI-4V SCR	/	-	MG468
	Agco P.AWI-4V SCR	/	-	MG468
MF 8730 DYNA-VT	213kW,Agco P.AWI-4V SCR	/	-	MG468
	Agco P.AWI-4V SCR	/	-	MG468
MF 8732 DYNA-VT	235kW,Agco P.AWI-4V SCR	/	-	MG468
	Agco P.AWI-4V SCR	/	-	MG468
MF 8735 DYNA-VT	257kW,Agco P.AWI-4V SCR	/	-	MG468
	Agco P.AWI-4V SCR	/	-	MG468
MF 8737 DYNA-VT	272kW,Agco P.AWI-4V SCR	/	-	MG468
	Agco P.AWI-4V SCR	/	-	MG468
MF 8925	Tier 3	/	-	MG227
				MG734
MF 8926	Tier 3	/	-	MG227
				MG734
MF 96	4 cyl.,MWM	/	-	MG118
	MWM	/	-	MG692
	MWM	/	-	MG118
	MWM	/	-	MG692
MX 720	4/6 cyl.,MWM/PERKINS/SISU	/	-	MG118
	MWM/PERKINS/SISU	/	-	MG692
	MWM/PERKINS/SISU	/	-	MG118
	MWM/PERKINS/SISU	/	-	MG692
MX 750	4 cyl.,MWM	/	-	MG118
	MWM	/	-	MG692
	MWM	/	-	MG118
	MWM	/	-	MG692
SPRAYER	Sisu 620DS 6cyl.	/	09/10 -	MG468
TRACTORS		/	-	MG27

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
WINDROWERS				
MF 9420		/	01/04 -	MG233

MATROT

FARM EQUIPMENT

HELIOS / HELIOS 36	103kW,Deutz 4-cyl,Tier 3A	/	-	MG52
	Deutz 4-cyl	/	-	MG52

McCORMICK

TRACTORS

B 100 MAX		/	-	MG199
B 105 MAX		/	-	MG199
B 90 MAX		/	-	MG199
B 95 MAX		/	-	MG199
C 100 MAX		/	-	MG199
C 105 MAX	Tier 2	/	-	MG199
C 70 L/LC	1103D-33TA,50kW,Tier 3	/	01/11 -	MG199
C 75 MAX		/	-	MG199
C 80 L/LC	1104D-44,45kW,Tier 3	/	-	MG199
C 80 MAX		/	-	MG199
C 90 MAX		/	-	MG199
C 95 MAX	Tier 2	/	-	MG199
CX	3cyl.Turbo	/	-	MG402
CX100 (T3)	1104D-44TA	/	-	MG403
CX140	Perkins 1000T	/	-	MG13
CX70	Perkins 104-42	/	-	MG403
CX80	Perkins 1004-4THR	/	-	MG403
CX90	G4.0T,Perkins G4.0	/	-	MG403
F100 XL	Perkins 1004.40T	/	-	MG402
F80 F/GE/XL	1104D-44,54,5kW,Tier 3	/	-	MG199
F80 GE	Perkins 1004-42	/	-	MG402
F90 N	1104D-44T,61kW,Tier 3	/	-	MG199
F90 XL	4cyl.,Perkins 1004	/	-	MG402
MC115	4cyl.	/	-	MG13
MC120 P6	Perkins 6 cyl.	/	-	MG83
MC125	6cyl.	/	-	MG13
MC135 P6	Perkins 6 cyl.	/	-	MG83
MC90	4WTG	/	-	MG403
MTX 120 (T3)	117HR6-cyl,FPT.NEF,Tier 3	/	-	MG72
	FPT.NEF	/	-	MG72
MTX 135 (T3)	133HR6-cyl,FPT.NEF,Tier 3	/	-	MG72
	FPT.NEF	/	-	MG72
MTX 150 (T3)	141HR6-cyl,FPT.NEF,Tier 3	/	-	MG72
	FPT.NEF	/	-	MG72
MTX 3		/	-	MG14
MTX 4		/	-	MG14
MTX110	Perkins 1000T	/	-	MG13
MTX120 (T2)	115HR6-cyl,FPT.NEF,Tier 2	/	-	MG72
	FPT.NEF	/	-	MG72
MTX135 (T2)	131HR6-cyl,FPT.NEF,Tier 2	/	-	MG72
	FPT.NEF	/	-	MG72
MTX150 (2)	152HR6-cyl,FPT.NEF,Tier 2	/	-	MG72
	FPT.NEF	/	-	MG72
MTX155	6cyl.	/	-	MG13
MTX175	6cyl.	/	-	MG13
T70 F	4cyl.	/	-	MG402
T80	1004-42	/	-	MG402
TRACTORS		/	-	MG330
V60	1103D	/	-	MG212
V70	1104D-44	/	-	MG212
V80	1104D-44	/	-	MG212
V90	1104D-44T,61kW,Tier 3	/	-	MG199
X50.20	70kW,854E-E34TA, Tier 4	/	01/13 -	MG485
X50.20, X50.30		65 / 88	04/12 -	MG485
X50.20M	5kW,62,854-E34TA, Tier 4	/	01/13 -	MG223
	854-E34TA	/	01/13 -	MG223
X50.30	75kW,854E-E34TA, Tier 4	/	01/13 -	MG485

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
McCORMICK (continued)				
X50.30M	7kW,854E-E34TA,Tier 4	/	01/13 -	MG223
	854E-E34TA	/	01/13 -	MG223
X50.40	83kW,854E-E34TA,Tier 4	/	01/13 -	MG223
	854E-E34TA	/	01/13 -	MG223
X50.40, X50.50		77 / 105	04/12 -	MG485
X50.40M	75kW,854E-E34TA,Tier 4	/	01/13 -	MG223
	854E-E34TA	/	01/13 -	MG223
X50.50	854E-E34TA	/	01/14 -	MG223
	854E-E34TA,87kW,Tier 4	/	01/14 -	MG223
X50-30M	72kW,854-E34TA,Tier 4	/	01/11 -	MG485
	83kW,854-E34TA,Tier 4	/	01/11 -	MG485
ZTX230	230HP,Cummins	/	-	MG139
ZTX260	260HP,Cummins	/	-	MG139
ZTX280	280HP,Cummins	/	-	MG139

MECALAC

LOADERS

AS150E	100kW,4-cyl,TCD2012-L04 2V	/	01/99 -	MG312
	TCD2012-L04 2V	/	-	MG312
AS210E	128kW,6-cyl,TCD2012 L06 2V	/	01/05 -	MG312
AS50	3-cyl,30kW,D2011 L03i	/	01/99 -	MG111
	D2011 L03i	/	-	MG111

MELROE-BOBCAT

LOADERS

TL470 HF	Deutz	/	-	MG314
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TELEHANDLER

T40170	100HP,Perkins 1104D-44TA	/	01/96 -	MG560
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MERCEDES-BENZ

TRACTORS

1000	OM 353.985	70 / 95	12/82 - 12/87	MG126
				MG158
	OM353.985	/	11/82 - 05/86	MG126
	OM353.985/366.912	/	06/86 - 12/92	MG158
1000, 1100	OM 366.908/912	74 / 100	02/87 - 12/91	MG158
	OM 353.949	81 / 110	03/79 - 08/87	MG126
				MG158
	OM353.949	/	03/81 - 05/86	MG126
			06/80 - 05/86	MG125
			06/80 - 05/86	MG125
1300	OM 353.957	92 / 125	03/76 - 08/87	MG126
				MG158
	OM353.957T	/	03/81 - 05/86	MG126
			06/80 - 05/86	MG125
			02/82 - 12/91	MG158
			06/86 - 12/92	MG158
1300, 1400	OM 366.958/977	92 / 125	02/82 - 12/91	MG158
1300/TURBO	OM353.957T/366.977A	/	06/86 - 12/92	MG158
1400TURBO	OM366.958A	/	03/87 - 12/92	MG158
1500	OM 353.976	110 / 150	07/80 - 12/87	MG126
				MG158
	OM353.976T	/	03/81 - 05/86	MG126
			06/86 - 03/87	MG158
			09/80 - 05/86	MG125
1600	OM 366.954	115 / 156	06/90 - 12/91	MG158
1600TURBO	OM366.954A	/	03/87 - 12/92	MG158
65/70, 700, 800	OM 314.956/957	48 / 65	07/73 - 12/75	MG126
				MG158
700 G	OM314.956/364.908	/	06/86 - 12/92	MG158
700 K	OM314.957/364.908	/	06/86 - 12/92	MG158
700, 800	OM 364.908/909	50 / 68	02/87 - 12/91	MG158
700/G	OM314.956	/	03/81 - 05/86	MG126
			06/80 - 05/86	MG125
700K	OM314.957	/	03/81 - 05/86	MG126

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
800	OM314.957	/	06/80 - 05/86	MG125
			03/81 - 05/86	MG126
			06/80 - 05/86	MG125
900	OM314.957/364.909	/	06/86 - 12/92	MG158
			09/81 - 12/91	MG126
	OM 314.970	63 / 85		MG158
				MG158
900/TURBO	OM314.950T/364.951A	/	03/87 - 12/91	MG158
			09/81 - 05/86	MG125
			06/86 - 12/92	MG158

MERLO

TELEHANDLER

MF 40.7 T-CS	1,115kW,Deutz TCD4,Tier 4	/	01/00 - 01/04	MG344
MF 40.9 T-CS	1,115kW,Deutz TCD4,Tier 4	/	01/00 - 01/04	MG344
P 40.7	1,115kW,Deutz TCD4,Tier 4	/	01/99 - 01/04	MG344
TF 38.7		/	01/04 -	MG169

MST (SANKO)

BACKHOE LOADERS

M542	75kW,Perkins: 1104D-44T	/	01/09 -	MG560
M544	75kW,Perkins: 1104D-44T	/	01/09 -	MG560

TELEHANDLER

ST 11.35	75kW,Perkins: 1104D-44T	/	01/09 -	MG560
ST 13.35	75kW,Perkins: 1104D-44T	/	01/09 -	MG560
ST 17.30	75kW,Perkins: 1104D-44T	/	01/09 -	MG560
ST 7.40	75kW,Perkins: 1104D-44T	/	01/09 - 07/13	MG560
ST 8.35	75kW,Perkins: 1104D-44T	/	-	MG560
ST 9.35	Perkins 1004	/	01/91 -	MG560
ST 9.40	75kW,Perkins: 1104D-44T	/	-	MG560

MULTICAR

SPECIALITY VEHICLES

M25 1,9	028.B M 344/M 841	40 / 54	01/91 - 12/92	MG512
M26 1,9	028.B M 344/M 841	40 / 54	06/92 - 12/96	MG512

MUZZI

FARM EQUIPMENT

MD 100	SAME-1056 PT	/	10/81 -	MG127
			06/79 -	MG123
			06/79 -	MG127
MD 20	SAME-1052 LP	/	06/79 -	MG127
			05/89 -	MG258
			01/84 - 04/89	MG124
MD 30	SAME-1053 P	/	06/79 -	MG127
MD 33	SAME-1053P	/	06/79 -	MG123
MD 40	VM-SUN4105	/	01/89 -	MG517
MD 45	SAME-1054 P	/	06/79 -	MG127
MD 55	SAME-1055 P	/	06/79 -	MG127
MD 60	VM-SUN6105	/	01/84 - 12/88	MG517
MD 65	SAME-1056 PT	/	06/79 -	MG127
			06/79 -	MG123
			07/83 - 12/88	MG521
MDS 110	Same-1056PTI	/	12/86 -	MG521
MDS 44	Same-1000.4A	/	01/89 -	MG521
MDS 54	Same-1000.4AT	/	01/89 -	MG521
MDS 66	VM6105	/	01/89 -	MG517
MDS 72	SAME-1056P	/	01/89 -	MG521
MDS 90	Same-1056PS	/	01/89 -	MG521
MDV 95	VM6105T	/	01/89 -	MG517

NEW HOLLAND

COMBINES

8055		/	01/85 -	MG110
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Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
NEW HOLLAND (continued)				
8060	AIFO-8061SI	/	01/85 -	MG110
	FORD-DOVER2725E	/	03/80 - 02/82	MG604
	FORD-DOVER2725-E	/	11/86 -	MG604
	MB-OM352	/	03/82 - 11/86	MG604
8070	MB-OM352	/	03/78 - 02/80	MG604
	AIFO-8361-I	/	03/82 - 11/86	MG604
	MB-OM352A	/	11/86 -	MG604
8080	MB-OM352A	/	03/82 - 11/86	MG604
	AIFO-8361-SI	/	11/86 -	MG604
	MB-OM421	/	03/82 - 11/86	MG604
CR9040	322HP,6-cyl,Iveco	/	01/06 -	MG470
CR9060	360HP,6-cyl,Iveco	/	01/06 -	MG470
CR9070	420HP,6-vyl,Iveco	/	01/06 -	MG470
CR920		/	01/02 -	MG470
CR940		/	01/02 -	MG470
CR960		/	01/02 -	MG470
CR970		/	01/02 -	MG470
CSX7040	177kW,F4GE9684R,..NEF	/	09/08 -	MG561
CSX7050/H	190kW,F4GE9684R,..NEF	/	09/08 -	MG561
CSX7060	200kW,F2CE9684C,..NEF	/	09/08 -	MG561
CSX7070	190kW,F4GE9684R,..NEF	/	09/08 -	MG561
CSX7080	220kW,F2CE9684E,..NEF	/	09/08 -	MG450
CX8080		/	-	MG470
CX840	295HP,6-cyl	/	01/01 -	MG470
CX860		/	01/02 -	MG470
CX880		/	01/02 -	MG470
TC5040	F4GE9684R.. 125kW,NEF,Tier3	/	01/07 -	MG561
TC5050	F4GE9684R.. 125kW,NEF,Tier3	/	01/07 -	MG561
TC5060	F4GE9684R.. 125kW,NEF,Tier3	/	01/07 -	MG561
TC5070	155kW,F4HE9684D,J,NEF,Tier4	/	09/11 -	MG561
TC5080/H	F4GE9684R.. 125kW,NEF,Tier3	/	01/07 -	MG561
	F4HE9684D,J,NEF,Tier4	/	09/11 -	MG561
TC55	Genesis135HP	/	-	MG316
TC57	Genesis170HP	/	-	MG316
FARM EQUIPMENT				
PATRIOT 250	4-cyl,FPT NEF	/	-	MG269
	FPT NEF	/	-	MG269
SP2500	4-cyl,FPT NEF	/	-	MG269
	FPT NEF	/	-	MG269
LOADERS				
SL35		/	05/80 - 02/88	MG138
SL57	Iveco F5C	/	-	MG274
	Iveco F5C,Tier 3	/	03/88 - 06/90	MG274
TRACTORS				
10		/	-	MG207
100-90		74 / 100	01/93 -	MG521
10L/CAB		/	-	MG207
110-90	8061.05,8065.E	82 / 112	01/93 -	MG521
140-90		103 / 140	01/93 -	MG521
160-90		118 / 160	01/93 -	MG521
180-90	8365.25.500	132 / 180	01/93 -	MG521
231		/	01/88 -	MG207
2310		/	-	MG207
233		/	01/88 -	MG207
250C	3-cyl	/	01/89 - 12/94	MG283
			01/91 - 12/94	MG283
2600		/	01/88 -	MG207
260C	3-cyl	/	01/91 - 12/94	MG283
2610		/	- 12/83	MG207
2810		/	-	MG207
2910		/	01/91 -	MG207
3230	3-192	/	01/90 - 12/93	MG283

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
333		/	01/88 -	MG207
3430	3-192	/	01/90 - 12/98	MG283
345C	3-cyl	/	01/88 - 12/92	MG283
			01/91 - 12/92	MG283
345D	3-cyl	/	01/92 - 12/00	MG283
			01/92 - 12/98	MG283
355		/	01/88 -	MG207
3600		/	01/88 -	MG207
3610		/	-	MG207
3910/H		/	-	MG207
3930	3-201	/	01/90 - 12/99	MG283
40		/	-	MG525
4100		/	01/88 -	MG207
4110		/	01/81 - 12/85	MG207
4130	3-201	/	01/90 - 12/99	MG283
420		/	01/88 -	MG207
445C	3-183	/	01/91 - 12/92	MG283
	3-cyl	/	01/89 - 12/92	MG283
445D	3-183	/	01/92 - 12/98	MG283
	3-cyl	/	01/92 - 12/00	MG283
455C	3-cyl	/	01/88 - 12/93	MG283
455D	3-cyl	/	01/92 - 12/96	MG283
4600		/	01/88 -	MG207
4610/H		/	01/91 -	MG207
4630	3-192	/	01/90 - 12/99	MG283
4830	3-201	/	01/90 - 12/94	MG283
4835	4-220 D	/	01/95 - 01/98	MG515
5030	4-256	/	01/92 - 12/98	MG283
5110		/	-	MG207
			01/84 - 12/91	MG283
515		/	01/88 -	MG207
531		/	01/88 -	MG207
545C	3-cyl	/	01/91 - 12/92	MG283
545D	3-cyl	/	01/92 - 12/98	MG283
550 B		/	-	MG207
555E	4-268 D	/	01/96 - 01/98	MG550
				MG682
5600	201,256,401C.I.	/	01/79 -	MG207
5610		/	-	MG207
	4-256	/	01/86 - 12/92	MG283
5640		/	11/91 - 01/98	MG15
	4-268	/	01/92 - 12/93	MG283
	4-268 Ford Diesel	/	01/92 - 12/97	MG15
5700		/	-	MG207
5900		/	-	MG207
60GMA		/	-	MG379
60GMA L/CAB		/	-	MG378
6410		/	-	MG207
655/A/E	4-304 D	/	01/96 - 01/97	MG207
				MG682
6600		/	01/88 -	MG207
	201,256,401C.I.	/	01/79 -	MG207
6610		/	01/91 -	MG207
	4-268	/	01/86 - 12/92	MG283
6640		/	11/91 - 01/98	MG15
	4-304	/	01/92 - 12/93	MG283
	4-304 Ford Diesel	/	01/91 - 12/98	MG15
6700		/	01/88 -	MG207
6710		/	01/91 -	MG207
6810		/	01/88 - 12/91	MG207
7410		/	-	MG207
7600		/	01/88 -	MG207
7610		/	01/91 -	MG207
	4-268	/	01/87 - 12/91	MG283
7630	4-cyl.,NEF TC 78kW	/	08/07 -	MG567
	NEF TC 78kW	/	08/07 -	MG567
764 COUNTY		/	-	MG207
7700		/	01/88 -	MG207
7710		/	01/91 -	MG207
	4-268	/	01/86 - 12/87	MG283

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
NEW HOLLAND (continued)				
774 COUNTY		/	-	MG207
7740		/	11/91 - 01/98	MG15
	4-304	/	01/92 - 12/93	MG283
	4-304 Ford Diesel	/	01/91 - 12/98	MG15
7840		/	11/91 - 12/98	MG15
	6-401	/	01/92 - 12/93	MG283
	6-401 Ford Diesel	/	01/91 - 12/96	MG15
8000		/	09/95 -	MG15
8010	Ford 6-456	/	-	MG246
8030	4-cyl.,NEF TAA 90kW	/	08/07 -	MG567
	NEF TAA 90kW	/	08/07 -	MG567
8160	6-456 Ford Diesel	/	01/96 - 12/97	MG246
	Ford 6-456	/	-	MG246
8240		/	11/91 - 12/96	MG15
	6-456	/	01/92 - 12/93	MG283
	6-456 Ford Diesel	/	01/92 - 12/97	MG15
8260	6-456 Ford Diesel	/	01/96 - 12/99	MG246
8340		/	11/91 - 07/98	MG15
	6-456	/	01/92 - 12/93	MG283
	6-456 Ford Diesel	/	01/92 - 12/97	MG15
8360	6-456 Ford Diesel	/	01/96 - 12/99	MG246
	Ford 6-456	/	-	MG246
8560	6-456 Ford Diesel	/	01/96 - 12/99	MG246
	Ford 6-456	/	-	MG246
8600		/	01/88 -	MG207
8970	6-456 Ford Diesel	/	01/93 - 12/00	MG490
964 COUNTY		/	-	MG207
974 COUNTY		/	-	MG207
BOOMER 46 (CVT)	FPT,R753IE4	34 / 46	01/15 -	MG621
BOOMER 54 (CVT)	FPT,R753IE4	40 / 54	01/15 -	MG621
CS6070		/	-	MG450
CS6080		/	-	MG450
CS6090		/	-	MG450
LB110		/	-	MG550
				MG682
LB115/B		/	01/98 -	MG550
				MG682
LB75B		/	01/01 -	MG550
				MG682
LB90		/	01/00 -	MG550
				MG682
LB95		/	01/00 -	MG550
				MG682
M SERIE	Fiat	/	09/95 -	MG15
P358		/	-	MG15
				MG526
P358 SERIE 40		/	-	MG525
P412		/	-	MG207
T4.105	106hp,4-cyl,FPT NEF,Tie4	/	01/11 - 07/13	MG223
	107HR,4-cyl,FPT F5C,Tier 4	/	07/13 -	MG117
	FPT F5C	/	07/13 -	MG117
	FPT NEF	/	01/11 - 07/13	MG223
T4.105V/N/F	106hp,4-cyl,FPT NEF,Tie4	/	07/13 -	MG223
	FPT NEF	/	07/13 -	MG223
T4.115	114HR,4-cyl,FPT F5C,Tier 4	/	01/12 -	MG117
	FPT F5C	/	01/12 -	MG117
T4.55	4-cyl,55HR,FPT F5C,Tier 4	/	01/13 -	MG223
	FPT F5C	/	01/13 -	MG223
T4.65	4-cyl,65HR,FPT,Tier 3	/	09/11 - 07/13	MG223
	FPT	/	09/11 - 07/13	MG223
T4.65V	4-cyl,65HR,FPT F5C,Tier 4	/	07/13 -	MG223
	FPT F5C	/	07/13 -	MG223
T4.75	4-cyl,75HR,FPT F5C,Tier 4	/	09/11 -	MG223
	FPT F5C	/	09/11 -	MG223
T4.75V/N/F	4-cyl,75HR,FPT F5C,Tier 4	/	01/13 -	MG223
	FPT F5C	/	01/13 -	MG223
T4.85	4-cyl,86HR,FPT F5C,Tier 4	/	01/09 -	MG117

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
T4.85V/N/F	FPT F5C	/	01/09 -	MG117
	4-cyl,84hp,FPT NEF,Tie4	/	01/11 -	MG223
	FPT NEF	/	01/11 -	MG223
T4.95	4-cyl,97HP,FPT NEF,Tie4	/	01/11 - 07/13	MG223
	4-cyl,99HP,FPT F5C,Tier 4	/	09/13 -	MG117
	FPT F5C	/	09/13 -	MG117
T495V/N/F	FPT NEF	/	01/11 - 07/13	MG223
	4-cyl,97HP,FPT NEF,Tie 3	/	07/13 -	MG223
	FPT NEF	/	07/13 -	MG223
T5.105	107HP,4-cyl,FPT F5C,Tie4	/	07/12 -	MG286
T5.115	FPT F5C	/	07/12 -	MG286
	114HP,4-cyl,FPT F5C,Tie4	/	07/12 -	MG286
	FPT F5C	/	07/12 -	MG286
T5.95	4-cyl,99HP,FPT F5C,Tie4	/	07/12 -	MG286
	FPT F5C	/	07/12 -	MG286
	121HP,4-cyl,FPT NEF,Tier 4	/	01/12 -	MG286
T6.120	FPT NEF	/	01/12 -	MG286
	143HP,4-cyl,FPT NEF,Tier 4	/	01/12 -	MG286
	FPT NEF	/	01/12 -	MG286
T6.140	154HP,4-cyl,FPT NEF,Tier 4	/	01/12 -	MG286
	FPT NEF	/	01/12 -	MG286
	154HP,4-cyl,FPT NEF,Tier 4	/	01/12 -	MG286
T6.150	FPT NEF	/	01/12 -	MG286
	154HP,6-cyl,FPT NEF,Tier 4	/	01/12 -	MG480
	FPT NEF	/	01/12 -	MG480
T6.155	163HP,4-cyl,FPT NEF,Tier 4	/	01/12 -	MG286
	FPT NEF	/	01/12 -	MG286
	165HP,6-cyl,FPT NEF,Tier 4	/	01/12 -	MG480
T6.165	FPT NEF	/	01/12 -	MG480
	175HP,6-cyl,FPT NEF,Tier 4	/	01/12 -	MG286
	FPT NEF	/	01/12 -	MG286
T6.175	110HP,NEF 6-cyl	/	01/07 -	MG286
T6020	115HP 6 cyl	/	-	MG286
T6030	117HP,6-cyl,NEF,Tier III	/	-	MG286
T6030 DELTA/PLUS	NEF	/	-	MG286
	120HP,6-cyl,NEF,Tier 3	/	01/07 -	MG286
	NEF	/	01/07 -	MG286
T6050	125HP 6 cyl	/	-	MG286
T6050 DELTA/PLUS	127HP,6-cyl,NEF,Tier 3	/	-	MG286
	T6050	/	-	MG286
	130HP,6-cyl,NEF	/	01/07 -	MG286
T6060	NEF	/	01/07 -	MG286
	140HP 6 cyl	/	-	MG286
	142HP,6-cyl,NEF,Tier 3	/	-	MG286
T6070	NEF	/	-	MG286
	155HP 6 cyl	/	-	MG286
	155HP,NEF,Tier 3	/	-	MG286
T6070/PLUS	NEF,Tier 3	/	-	MG286
	165HP,NEF,Tier3	/	-	MG286
	NEF,Tier3	/	-	MG286
T6090	125HP,NEF,Tier 4	/	12/10 -	MG286
	NEF,Tier 4	/	12/10 -	MG286
	171HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MG480
T7.170	FPT NEF	/	01/11 -	MG480
	140HP,NEF,Tier 4	/	12/10 -	MG286
	NEF,Tier 4	/	12/10 -	MG286
T7.170 AUTO COMMAND	188HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MG30
	FPT NEF	/	01/11 -	MG30
	155HP,NEF,Tier 4	/	12/10 -	MG481
T7.185	NEF,Tier 4	/	12/10 -	MG481
	203HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MG30
	FPT NEF	/	01/11 -	MG30
T7.185 AUTO COMMAND	155HP,NEF,Tier 4	/	12/10 -	MG481
	NEF,Tier 4	/	12/10 -	MG481
	203HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MG30
T7.200	FPT NEF	/	01/11 -	MG30
	165HP,NEF,Tier 4	/	12/10 -	MG480
	NEF,Tier 4	/	12/10 -	MG480
T7.200 AUTO COMMAND	212HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MG480
	FPT NEF	/	01/11 -	MG480
	167HP,NEF,Tier 4	/	12/10 -	MG480
T7.210	NEF,Tier 4	/	12/10 -	MG480
	218HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MG30
	FPT NEF	/	12/10 -	MG30
T7.210 AUTO COMMAND	234HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MG30
	FPT NEF	/	12/10 -	MG30
	FPT NEF	/	12/10 -	MG30

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
T7.235	185HR,NEF Tier 4	/	12/10 -	MG480
	NEF Tier 4	/	12/10 -	MG480
T7.240	6-cyl,NEF	/	-	MG30
	NEF	/	-	MG30
T7.245	6-cyl,NEF	/	-	MG30
	NEF	/	-	MG30
T7.250	250HR,6-cyl,FPT NEF,Tier 4	/	-	MG481
	FPT NEF	/	-	MG481
T7.250 AUTO COMMAND	250HR,6-cyl,FPT NEF,Tier 4	/	12/10 -	MG480
	FPT NEF	/	12/10 -	MG480
T7.255	200HR,NEF Tier 4	/	12/10 -	MG480
	NEF Tier 4	/	12/10 -	MG480
T7.260	215HR,NEF Tier 4	/	12/10 -	MG480
	NEF Tier 4	/	12/10 -	MG480
T7.260 AUTO COMMAND	260HR,6-cyl,FPT NEF,Tier 4	/	12/10 -	MG30
	FPT NEF	/	12/10 -	MG30
T7.270	228HR,NEF Tier 4	/	12/10 -	MG480
	NEF Tier 4	/	12/10 -	MG480
T7.270 AUTO COMMAND	269HR,6-cyl,FPT NEF,Tier 4	/	12/10 -	MG30
	FPT NEF	/	12/10 -	MG30
T7030	167HR,NEF Tier 3	/	01/07 -	MG481
	204HP 6 cyl	/	-	MG30
	NEF Tier 3	/	01/07 -	MG481
T7040	182HR,NEF Tier 3	/	01/07 -	MG481
	218HP 6 cyl	/	-	MG30
	NEF Tier 3	/	01/07 -	MG481
T7050	197HR,NEF Tier 3	/	06/09 -	MG481
	234HP 6 cyl	/	-	MG30
	NEF Tier 3	/	06/09 -	MG481
T7060	210FP,NEF 6-cyl	/	01/07 -	MG35
	238HP 6 cyl	/	-	MG30
	NEF 6-cyl	/	01/07 -	MG35
T7070	225HR,NEF Tier 3	/	06/09 -	MG481
	NEF Tier 3	/	06/09 -	MG481
T8.300	298HR,6-cyl,FPT-Cursor9,Tier4	/	-	MG481
	FPT-Cursor9	/	-	MG481
T8.330	328HR,6-cyl,FPT-Cursor9,Tier4	/	-	MG481
	FPT-Cursor9	/	-	MG481
T8.360	358HR,6-cyl,FPT-Cursor9,Tier4	/	-	MG481
	FPT-Cursor9	/	-	MG481
T8.390	389HR,6-cyl,FPT-Cursor9,Tier4	/	-	MG481
	FPT-Cursor9	/	-	MG481
T8.420	419HR,6-cyl,FPT-Cur:9,Tier4	/	-	MG481
	FPT-Cur:9	/	-	MG481
T8010	6-cyl,CDC	/	01/06 -	MG269
T8030	6-cyl,CDC	/	01/06 -	MG269
T8040	6-cyl,CDC	/	-	MG269
T8050	358HR,6-cyl,CDC	/	-	MG269
	6-cyl,CDC	/	-	MG269
T9000	QSX15	/	-	MG41
T9020	335HR,6-cyl,CDC	/	-	MG267
				MG685
	CDC	/	-	MG267
T9030		/	-	MG685
				MG9
T9040		/	-	MG685
				MG9
T9050		/	-	MG685
				MG9
T9060		/	-	MG225
TB100	NH	/	01/03 -	MG283
TB110	NH	/	01/03 -	MG283
TB120	NH	/	01/03 -	MG283
TB80	NH	/	01/03 -	MG283
TB85	NH	/	01/03 -	MG283
TB90	NH	/	01/03 -	MG283

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
TC5070	6-cyl.,NEF 181HP	/	09/07 -	MG117
	NEF 181HP	/	09/07 -	MG117
TC5090	6-cyl.,Cummins TAA234HP	/	09/07 -	MG117
	Cummins TAA234HP	/	09/07 -	MG117
TC57	6-cyl.,NEF 181HP	/	09/07 -	MG117
	NEF 181HP	/	09/07 -	MG117
TD4020F	4-cyl,65HP,FPT,Tier 3	/	09/09 - 10/13	MG223
	FPT	/	09/09 - 10/13	MG223
TD4030F	4-cyl,78HP,FPT,Tier 3	/	09/09 - 10/13	MG223
	FPT	/	09/09 - 10/13	MG223
TD4040F	4-cyl,88HP,FPT,Tier 3	/	09/09 - 10/13	MG223
	FPT	/	09/09 - 10/13	MG223
TD5.105	107HP,4-cyl,FPT F5C,Tier 4	/	-	MG286
	FPT F5C	/	-	MG286
TD5.115	114HP,4-cyl,FPT F5C,Tier 4	/	-	MG35
	FPT F5C	/	-	MG35
TD5.85	4-cyl,82HP,FPT F5C,Tier 3	/	01/13 -	MG223
	4-cyl,86HP,FPT F5C,Tier 4	/	-	MG286
	FPT F5C	/	-	MG286
			01/13 -	MG223
TD5.95	4-cyl,95HP,FPT NEF,Tier 3	/	01/13 -	MG223
	4-cyl,99HP,FPT F5C,Tier 4	/	-	MG286
	FPT F5C	/	-	MG286
	FPT NEF	/	01/13 -	MG223
TG210		/	01/02 -	MG575
TG230		/	01/02 -	MG575
TG255		/	01/02 -	MG575
TG285		/	01/02 -	MG575
TJ275		/	01/02 -	MG575
TJ325		/	01/02 -	MG575
TJ375		/	01/02 -	MG575
TJ375HD		/	01/02 -	MG575
TJ425		/	01/02 -	MG575
TJ450		/	01/02 -	MG575
TJ500		/	01/02 -	MG575
TK4020F	4-cyl,65HP,FPT F5C	/	01/69 - 12/79	MG223
	FPT F5C	/	01/09 -	MG223
TK4020V	4-cyl,65HP,FPT F5C	/	10/82 - 07/84	MG223
	FPT F5C	/	01/09 -	MG223
TK4030	4-cyl,78HP,FPT F5C	/	12/75 - 07/84	MG223
	FPT F5C	/	01/09 -	MG223
TK4030F	4-cyl,76HP,FPT F5C	/	07/76 - 12/85	MG223
	FPT F5C	/	01/09 -	MG223
TK4030V	4-cyl,76HP,FPT F5C	/	03/76 -	MG223
	FPT F5C	/	01/09 -	MG223
TK4040	4-cyl,88HP,FPT F5C	/	03/88 -	MG223
	FPT F5C	/	01/09 -	MG223
TK4040M	4-cyl,88HP,FPT F5C	/	06/75 -	MG223
	FPT F5C	/	01/09 -	MG223
TK4050	4-cyl,95HP,FPT NEF	/	01/09 -	MG223
	FPT NEF	/	01/09 -	MG223
TK4050/M	4-cyl,95HP,FPT NEF,Tie 4	/	07/13 -	MG223
	FPT NEF	/	07/13 -	MG223
TK4060	101HP,4-cyl,FPT NEF,Tier 4	/	01/09 - 07/13	MG223
	FPT NEF	/	01/09 - 07/13	MG223
TL100	100HP 4cyl	/	01/99 - 01/04	MG515
TL70	70HP 4cyl.	/	01/99 - 01/04	MG515
TL80	80HP 4cyl.	/	01/99 - 01/04	MG515
TL90	90HP 4cyl.	/	01/99 - 01/04	MG515
TM 27		/	-	MG279
TM 27 CONTINENTAL		/	-	MG279
TM115		/	01/99 - 01/02	MG404
	6cyl.	/	01/99 - 12/02	MG404
TM120	NEF 6-cyl.	/	01/00 -	MG15
		/	01/08 -	MG404
TM125		/	12/00 - 12/08	MG404
		/	01/99 - 01/02	MG404
TM130		/	01/99 - 12/08	MG404
	NEF 6-cyl.	/	01/00 -	MG15

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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NEW HOLLAND (continued)

			01/08 -	MG404
TM135		/	01/99 - 01/02	MG404
			01/99 - 12/08	MG404
	NEF 6-cyl.	/	-	MG117
TM140		/	01/02 - 12/08	MG404
			01/08 -	MG404
TM150		/	01/99 - 01/02	MG404
	6cyl.	/	01/99 - 12/02	MG404
	NEF 6-cyl.	/	01/00 -	MG117
TM155		/	01/08 -	MG404
	NEF 6-cyl.	/	01/02 -	MG404
TM165		/	01/99 - 01/02	MG404
	NEF 6-cyl.	/	01/99 -	MG117
	Power star 119kW	/	01/99 - 12/02	MG404
TM175		/	01/02 - 12/08	MG404
			01/08 -	MG404
TM180	NEF 6-cyl.	/	-	MG117
TM190		/	01/08 -	MG404
	NEF 6-cyl.	/	01/02 -	MG117
TM7010	6-cyl.,NEF TAA 105kW	/	02/08 -	MG567
	NEF TAA 105kW	/	02/08 -	MG567
TM7020	6-cyl.,NEF TAA 113kW	/	02/08 -	MG567
	NEF TAA 113kW	/	02/08 -	MG567
TM7030	6-cyl.,NEF TAA 125kW	/	02/08 -	MG567
	NEF TAA 125kW	/	02/08 -	MG567
TM7040	6-cyl.,NEF TAA 135kW	/	02/08 -	MG567
	NEF TAA 135kW	/	02/08 -	MG567
TR 90		/	-	MG15
TRACTORS		/	-	MG35
				MG453
TS 110		/	-	MG15
TS 115		/	-	MG15
TS 125		/	-	MG246
TS 80		/	-	MG15
TS 90		/	-	MG15
TS100	NEF 4-cyl	/	01/98 -	MG15
TS110	NEF 4-cyl	/	01/98 -	MG15
TS6.100	101HP,4-cyl,FPT NEF,Tier 4	/	01/12 -	MG117
	FPT NEF	/	01/12 -	MG117
TS6.120	118HP,4-cyl,FPT NEF,Tier 4	/	01/10 -	MG117
	FPT NEF	/	01/10 -	MG117
TS6.125		/	-	MG117
TS6000 STANDARD (CAB)	4-cyl.,NEF TC 66kW	/	12/07 -	MG567
	NEF TC 66kW	/	12/07 -	MG567
TS6020 (CAB)	4-cyl.,NEF TAA 82kW	/	12/07 -	MG567
	NEF TAA 82kW	/	12/07 -	MG567
TS6030 (CAB)	4-cyl.,NEF TAA 90kW	/	12/07 -	MG567
	NEF TAA 90kW	/	12/07 -	MG567
TS6040 (CAB)	4-cyl.,NEF TAA 97kW	/	12/07 -	MG567
	NEF TAA 97kW	/	12/07 -	MG567
TS90	NEF 4-cyl	/	01/98 -	MG15
TV140		/	-	MG246

WINDROWERS

H8040		/	-	MG225
H8060		/	-	MG225
H8080		/	-	MG225

NISSAN-MOTOR IBERICA

FARM EQUIPMENT

EBRO 160		/	-	MG462
EBRO 170		/	-	MG462
EBRO 470		/	-	MG462
EBRO 480		/	-	MG462
EBRO MF245		/	-	MG462
EBRO MF265		/	-	MG462

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
EBRO MF285		/	-	MG462

NORMET

LIFT TRUCKS

6330 X	96kW,TCD2012 L4	/	01/73 - 01/76	MG473
MF 540	120kW,TCD2013	/	01/73 - 07/78	MG475

SPECIAL EQUIPMENT

1050 WPC	TCD2013 L4 2V	/	-	MG473
			03/88 -	MG473
2000/S SCAMEC	155kW,TCD2012 L6	/	01/69 - 06/76	MG473
6050 WP	TCD2012 L4,Tier 3	/	01/69 - 01/77	MG473
	TCD2012 L4,Tier 4	/	-	MG473
8100 VC	75kW,TCD2011 L4,Tier 3	/	01/73 - 01/76	MG262

SPECIALITY VEHICLES

UTIMEC LF 500 TRANSMIXER	120kW,TCD2013 L4,Tier 4	/	06/75 - 04/97	MG475
UTIMEC LF 600 AGITATOR	155kW,TCD2012 L6,Tier 3	/	06/75 - 04/97	MG475
UTIMEC LF 600 TRANSMIXER	155kW,TSC2012 L6,Tier 3	/	01/73 - 07/78	MG475
UTIMEC MF 500 TRANSMIXER	155kW,TCD2012 L6,Tier 3	/	05/79 - 01/80	MG475
VARIOMECH MF 050 M	TCD2013 L4,Tier 3	/	05/79 - 12/79	MG475

ORENSTEIN & KOPPEL (O&K)

LOADERS

L 10	KHD-F4L912	/	01/77 - 12/80	MG627
L 15	KHD-F5L912	/	01/77 - 12/80	MG627
L 25	KHD-F8L413	/	01/77 - 12/80	MG260
L 7	KHD-F3L912	/	-	MG604

PALMIERI

FARM EQUIPMENT

1500 GN 110T	VM-T1156DANS	/	08/83 - 02/85	MG517
1500 GN 15		/	09/80 -	MG369
	Same-1052LP	/	06/74 - 12/85	MG438
	Same-982LP	/	06/74 - 01/82	MG438
1500 GN 25		/	05/78 -	MG369
	Same-983P	/	05/78 - 01/82	MG123
1500 GN 30		/	09/80 -	MG369
	SAME-1053P	/	05/78 -	MG123
1500 GN 40		/	09/80 -	MG369
1500 GN 50	Same-1055P	/	05/78 -	MG123
1500 GN 60		/	09/80 -	MG369
1500 GN 80	VM1156DANS	/	08/83 - 02/85	MG517
1500 GN 90	Same-1056PT	/	05/78 -	MG123
1500 GN 90T		/	09/80 -	MG369
1500 GN 95T	VM-T1156DANS	/	08/83 - 02/85	MG517
1800 GN 100T	Same-1056PT	/	01/80 -	MG123
1800 GN 18	Same-982L	/	06/74 - 01/82	MG438
1800 GN 24	Same-1052L	/	06/74 - 01/87	MG438
1800 GN 30	Same-983P	/	05/78 - 01/82	MG123
1800 GN 36	SAME-1053P	/	05/78 -	MG123
1800 GN 60	Same-1055P	/	01/77 -	MG123
1800 GN 90	VM1156DANS	/	08/83 - 02/85	MG517
1800 GN100T		/	09/80 -	MG369
1800 GN18		/	09/80 -	MG369
1800 GN24		/	09/80 -	MG369
1800 GN30		/	05/78 -	MG369
1800 GN36		/	09/80 -	MG369
1800 GN48		/	09/80 -	MG369
1800 GN60		/	09/80 -	MG369
1800 GN70		/	09/80 -	MG369

PASQUALI

FARM EQUIPMENT

426		/	-	MG281
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Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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PASQUALI (continued)

850		/	01/03 -	MG279
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TRACTORS

103-12 RE	MWM-TD226.4	/	-	MG272
103-12 RE/RS/TS/TX	MWM-TD226.4	/	-	MG388
103-12 RS/TS/TX	MWM-TD226.4	/	-	MG478
103-14 RE	MWM-TD226.4	/	-	MG272
103-14 RS/TS/TX	MWM-TD226.4	/	-	MG478
103-52 TA/TE/TS/TX	MWM-TD226.4	/	-	MG478
103-54	Deutz BF4M1012EC B	/	-	MG478
103-54 TA/TE/TM/TS	MWM-TD226.4	/	-	MG478
103-54 TA/TE/TM/TS/TX	MWM-TD226.4	/	-	MG478
103-54 TX	MWM-TD226.4	/	-	MG272
106-14 SP	MWM-D227.6	/	-	MG478
106-54 TL/TM	MWM-D226B6	/	-	MG272
110-14 RE/TX	MWM-D226.6	/	-	MG272
110-14 TA/TE/TS	MWM-D226.6	/	-	MG478
110-54	Deutz BF6M1012EC B	/	-	MG478
110-54 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MG478
113-12 TS/TX	MWM-D227.6	/	-	MG478

PIONEIRA

FARM EQUIPMENT

PIONEIRA_1	Sisu 420DS 4cyl. (BR)	/	07/08 -	MG39 MG636
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RAPTOR

FARM EQUIPMENT

1000 PRO		/	01/03 -	MG279
1200 PRO		/	01/03 -	MG279

RENAULT AGRICULTURE

TRACTORS

113-12 RE	MWM-D227.6	/	-	MG272
113-14 RE	MWM-D227.6	/	-	MG272
113-14 TS/TX	MWM-D227.6	/	-	MG478
120-14 RE	MWM-D226.6	/	-	MG272
120-14 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MG478
120-54 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MG478
133-12 TS/TX	MWM-D226.6	/	-	MG478
133-14 RE	MWM-D226.6	/	-	MG272
133-14 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MG478
133-54 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MG478
145-14 ME/RE/TA/TE/TX/TZ	MWM-TD228.6	/	-	MG530
145-54 TA/TE/TX/TZ	MWM-TD228.6	/	-	MG530
155-54 TA/TE/TX/TZ	MWM-TD226B6	/	-	MG272
160-94 TZ	MWM-TD226B6	/	-	MG272
175-74 TZ	MWM-TD226B6	/	-	MG530
180-94 TZ	MWM-TD226B6	/	-	MG272
35-34 MA/ME/MS/MX	MWM-D226.3	/	-	MG272
50-12 LB/V	DEUTZ-F3L912 (with cab)	/	-	MG211
	DEUTZ-F3L912 (without cab)	/	-	MG437
55-12 L/LB/V	DEUTZ-F3L912 (with cab)	/	-	MG211
	DEUTZ-F3L912 (without cab)	/	-	MG437
55-14 LB/V	DEUTZ-F3L912 (with cab)	/	-	MG211
	DEUTZ-F3L912 (without cab)	/	-	MG437
58-12 LS	MWM-D226.3	/	-	MG272
58-14 LS	MWM-D226.3	/	-	MG272
58-32 MA/ME/MS/MX	MWM-D226.3	/	-	MG272
58-34 MA/ME/MS/MX	MWM-D226.3	/	-	MG272
61-12 RA/RS	MWM-D226.3	/	-	MG478
61-14 RA/RS	MWM-D226.3	/	-	MG478
65-12 LS	MWM-D226.3	/	-	MG272

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
65-14 LS	MWM-D226.3	/	-	MG272
65-32 MA/ME/MS/MX	MWM-D226.3	/	-	MG272
68-12 RA/RS	MWM-D227.4	/	-	MG478
68-14 RA/RS	MWM-D227.4	/	-	MG530
700/704 H/M	MWM-D327.3	/	-	MG478
70-12 F/LB/V	DEUTZ-F4L912 (with cab)	/	-	MG211
	DEUTZ-F4L912 (without cab)	/	-	MG437
70-12 SP	PERKINS-D4.236	/	-	MG372
70-14 F/LB/V	DEUTZ-F4L912	/	-	MG437
70-14 SP	PERKINS-D4.236	/	-	MG372
701-4F	PERKINS-D4.236	/	-	MG427
70-32 PA/PE/PS/PX	PERKINS-D4.236	/	-	MG372
70-34 PA/PE/PS/PX	PERKINS-D4.236	/	-	MG372
720.724 H/M	MWM-D327.3	/	-	MG478
750MI	MWM-D226.4	/	-	MG478
75-12 LS/RA/RS/TS	MWM-D226.4	/	-	MG272
75-14 LS/RA/RS/TS	MWM-D226.4	/	-	MG272
75-32 MA/ME/MS/MX	MWM-D226.4	/	-	MG272
75-32 TS/TX	MWM-D226.4	/	-	MG478
75-34 MA/ME/MS/MX	MWM-D226.4	/	-	MG272
75-34 TS/TX	MWM-D226.4	/	-	MG478
754MI	MWM-D226.4	/	-	MG478
77-12 TS	MWM-D226.4	/	-	MG657
77-14 TS	MWM-D226.4	/	-	MG657
800MI/804M	MWM-D226.4	/	-	MG478
80-12 F/V	DEUTZ-F4L913 (with cab)	/	-	MG211
	DEUTZ-F4L913 (without cab)	/	-	MG437
80-12 SP	PERKINS-D4.248	/	-	MG372
80-12 TX	MWM-D226.4	/	-	MG272
80-14 F/LB/V	DEUTZ-F4L913 (with cab)	/	-	MG211
	DEUTZ-F4L913 (without cab)	/	-	MG437
80-14 SP	PERKINS-D4.248	/	-	MG372
80-14 TX	MWM-D226.4	/	-	MG272
80-32 PA/PE/PS/PX	PERKINS-D4.248	/	-	MG372
80-34 PA/PE/PS/PX	PERKINS-D4.248	/	-	MG426
850MI	MWM-D226.4	/	-	MG478
850MI HYDRO	MWM-D226.4	/	-	MG272
85-12 LS	MWM-D226.4	/	-	MG272
85-12 TS/TX	MWM-D226.4	/	-	MG478
85-14 LS/TS/TX	MWM-D226.4	/	-	MG478
85-32 MA/ME/MS/MX	MWM-D226.4	/	-	MG272
85-32 TX	MWM-D226.4	/	-	MG478
85-34 MA/ME/MS/MX	MWM-D226.4	/	-	MG272
85-34 TX	MWM-D226.4	/	-	MG478
854MI	MWM-D226.4	/	-	MG478
854MI HYDRO	MWM-D226.4	/	-	MG272
900MI HYDRO	MWM-D226.4	/	-	MG272
90-32 MA/ME/MS/MX	MWM-D226.4	/	-	MG272
90-32 TX	MWM-D226.4	/	-	MG478
90-34 FT/MA/ME/MS/MX	MWM-D226.4	/	-	MG272
90-34 TX	MWM-D226.4	/	-	MG478
904MIHYDRO	MWM-D226.4	/	-	MG272
95-12 RE	MWM-D226.4	/	-	MG272
95-12 RS/TS/TX	MWM-D226.4	/	-	MG478
95-14 RE	MWM-D226.4	/	-	MG272
95-14 RS/TS/TX	MWM-D226.4	/	-	MG478
ARES 540 RX/RZ	DPSG-4039T	/	-	MG278
ARES 550 RX/RZ	DPSG-4039T	/	-	MG234
ARES 557 ATZ	/	/	-	MG339
ARES 610 RX/RZ	6059D	/	-	MG435
ARES 620 RX/RZ	6068D	/	-	MG435
ARES 630 RX/RZ	6068T	/	-	MG435
ARES 640 RZ	6068T	/	-	MG435
ARES 710 RZ	TRT50	/	-	MG108
ARES 725 RZ	HRT51	/	-	MG108
ARES 735 RZ	HRT52	/	-	MG108
ARES 815 RZ	TRT52	/	-	MG108
ARES 825 RZ	HRT51	/	-	MG108
CERES 65	DPSG-3029D	/	-	MG278
	MWM-D226.3	/	-	MG530

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
RENAULT AGRICULTURE (continued)				
CERES 70	MWM-D226.3	/	-	MG530
CERES 70X	MWM-D226.3	/	-	MG530
CERES 75	DPSG-4039D (with air-cond.)	/	-	MG234
	DPSG-4039D (without air-cond.)	/	-	MG278
	PERKINS-D4.236	/	-	MG426
CERES 75X	DPSG-4039D (with air-cond.)	/	-	MG234
	DPSG-4039D (without air-cond.)	/	-	MG278
	PERKINS-D4.236	/	-	MG426
CERES 85	DPSG-4045D (without air-cond.)	/	-	MG278
	MWM-D226.4	/	-	MG657
CERES 85X	DPSG-4045D (with air-cond.)	/	-	MG234
	DPSG-4045D (without air-cond.)	/	-	MG278
CERES 95	MWM-D226.4	/	-	MG657
	DPSG-4039T	/	-	MG278
CERES 95X	MWM-D226.4	/	-	MG657
	DPSG-4039T (with air-cond.)	/	-	MG234
	DPSG-4039T (without air-cond.)	/	-	MG278
CERGOS 330	MWM-D226.4	/	-	MG657
	DPSG-4045D (without air-cond.)	/	-	MG278
	DPSG-4039T (without air-cond.)	/	-	MG278
CERGOS 340	DPSG-4039T (without air-cond.)	/	-	MG278
CERGOS 350	DPSG-4045T (with air-cond.)	/	-	MG234
	DPSG-4045T (without air-cond.)	/	-	MG278
ERGOS 105 HYDRO&MECH	DPSG-4045T	/	-	MG435
	DPSG-4045T (with air-cond.)	/	-	MG234
ERGOS 85 HYDRO&MECH	DPSG-4045T (without air-cond.)	/	-	MG278
	DPSG-4045D (without air-cond.)	/	-	MG278
ERGOS 95 HYDRO&MECH	DPSG-4039T	/	-	MG278
R1151	MWM-D226.6	/	-	MG478
R1181	MWM-D226.6	/	-	MG657
				MG478
R1181S	MWM-D226.6	/	-	MG478
R301	MWM-D327.2	/	-	MG657
				MG124
R321-4	CARRARO-195	/	-	MG124
R32-50 F/V/EV/EZ	MWM-D327.3	/	-	MG124
R32-60 F/V	MWM-D327.3	/	-	MG124
R34-60V	MWM-D327.3	/	-	MG124
R351M	MWM-D327.2	/	-	MG124
R361	MWM-D325.3	/	-	MG124
R421	MWM-D327.3	/	-	MG124
R421M	MWM-D325.3	/	-	MG124
R42-70	MWM-D327.4	/	-	MG657
R44-70 F/V	MWM-D327.4	/	-	MG657
R451-4	CARRARO-284	/	-	MG124
R456	MWM-D325.3	/	-	MG124
R460/S	MWM-D325.3	/	-	MG124
R461/M	MWM-D327.3	/	-	MG124
R461/S	MWM-D327.3	/	-	MG478
R462	MWM-D327.3	/	-	MG657
				MG478
R466S	MWM-D327.3	/	-	MG657
				MG124
R480S	MWM-D327.3	/	-	MG124
R481-4	CARRARO-285	/	-	MG124
R486	MWM-D325.3	/	-	MG124
R489	MWM-D226.3	/	-	MG272
R490S	MWM-D327.4	/	-	MG657
R496	MWM-D226.4	/	-	MG657
R50/S	MWM-D325.2	/	-	MG124
R501-4	PERKINS-D3.152	/	-	MG372
R51	MWM-D325.3	/	-	MG124
R521S	MWM-D327.3	/	-	MG478
				MG657
R53	MWM-D325.2	/	-	MG124
R551/S	MWM-D226.3	/	-	MG478
				MG657

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
R556/S	MWM-D226.3	/	-	MG478
				MG657
R56	MWM-D325.3	/	-	MG124
R571-4	430,CARRARO-315	/	-	MG124
R581-4	CARRARO-340	/	-	MG124
R60/S	MWM-D325.3	/	-	MG124
R600M	MWM-D226.3	/	-	MG272
R601-4	PERKINS-D4.203	/	-	MG427
R61	MWM-D325.3	/	-	MG124
R650MI	MWM-D226.3	/	-	MG272
R651/S	MWM-D227.4	/	-	MG478
				MG657
R652	MWM-D227.4	/	-	MG478
				MG657
R656/S	MWM-D227.4	/	-	MG478
				MG657
R681/S	MWM-D227.4	/	-	MG478
				MG657
R70/S	MWM-D325.3	/	-	MG124
R751/S	MWM-D226.4	/	-	MG478
				MG657
R752	MWM-D226.4	/	-	MG478
				MG657
R781/S	MWM-D226.4	/	-	MG478
				MG657
R782	MWM-D226.4	/	-	MG478
				MG657
R80	MWM-D325.3	/	-	MG124
R80S	MWM-D327.3	/	-	MG124
R82	MWM-D325.3	/	-	MG124
R851/S	MWM-TD226.4	/	-	MG478
				MG657
R86	MWM-D325.3	/	-	MG124
R89	MWM-D226.3	/	-	MG272
R891/S	MWM-D227.6	/	-	MG478
				MG657
R90S	MWM-D327.4	/	-	MG657
R92	MWM-D226.3	/	-	MG272
R921/S	MWM-D227.6	/	-	MG478
R94	MWM-D325.4	/	-	MG272
R950MI	MWM-TD226.4	/	-	MG657
R951	MWM-D227.6	/	-	MG478
R952	MWM-D227.6	/	-	MG478
				MG657
R954MI	MWM-TD226.4	/	-	MG657
R96	MWM-D226.4	/	-	MG657
R981/S	MWM-D227.6	/	-	MG478
				MG657
TEMIS 610X/7	Iveco	/	-	MG388
TEMIS 630X/7	Iveco	/	-	MG388
TEMIS 650X/Z	Iveco	/	-	MG388
TRACTORS		/	-	MG332

SAME

TRACTORS

ANTARES 100	1000.6A	/	-	MG515
ANTARES 110	1000.6A/AT	/	12/89 -	MG521
ANTARES 130	1000.6A/AT	/	12/89 -	MG521
ANTARES II		/	-	MG220
ANTARES II 110	1000.6A	/	-	MG354
ANTARES II 130	1000.6A	/	-	MG354
ARGON 3 80	55kW,SDF1000.4,Tier 3	/	01/13 -	MG515
ARGON 50 2RM/ DT	1000.3A	/	-	MG515
ARGON 50,60,70	1000.3AT	/	-	MG515
ARGON 70 2RM/ DT	1000.3AT	/	-	MG515
ARGON 75		/	01/13 -	MG515
ASTER 60 DT/2RM		/	01/97 -	MG515
AUDAX ST ST 200	1 L6,145kW,TCD6,Tier 4i	/	01/13 -	MG29
AUDAX ST ST 220	1 L6,162kW,TCD6,Tier 4i	/	01/13 -	MG29

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
SAME (continued)				
AURORA 45	983L	/	10/81 - 02/82	MG438
BUFFALO 130	1056P	/	-	MG127
			01/78 - 10/81	MG123
CAB HEATING		/	-	MG80
CENTAURO 70	100.4 P	/	06/85 -	MG127
CENTAURO 70EXPORT	100.4P	/	09/82 - 10/87	MG123
	984P	/	12/81 - 08/82	MG123
CENTAURO 70SPECIAL	100.4P	/	09/82 - 10/87	MG123
	984P	/	12/81 - 08/82	MG123
CENTURION 75	105.4 P	/	01/81 -	MG127
	105.4P	/	11/78 - 09/80	MG123
CENTURION 75EXPORT	105.4P	/	01/81 - 10/87	MG123
CENTURION 75SPECIAL	105.4P	/	01/81 - 05/88	MG123
	984P/1054P	/	12/78 -	MG123
CONDOR 55	100.3P	/	07/82 - 10/87	MG123
	983P	/	02/79 - 06/82	MG123
CONDOR C	983L	/	06/80 - 04/86	MG123
				MG438
CORSARO FRUTTETO 70	984P	/	10/81 - 03/88	MG123
CORSARO SYNCHRO 70	984P	/	03/78 - 12/80	MG123
CROP 85C	1054P	/	12/83 - 12/89	MG123
DELFINO 35	982L	/	01/72 - 08/85	MG438
			09/85 -	MG123
DELFINO 35 DT/2RM	982L	/	-	MG515
DORADO 3 100	70kW,SDF1000.4,Tier 3	/	01/13 -	MG515
DORADO 3 90	63kW,SDF1000.4,Tier 3	/	01/13 -	MG515
DORADO 3 90 CLASSIC	63kW,SDF1000.4,Tier 3	/	01/13 -	MG515
DORADO 60 DT/2RM	1000.3A	/	-	MG515
DORADO 70 DT/2RM	1000.4A	/	-	MG515
DRAGO 120	105.6 P	/	06/85 -	MG127
	105.6P	/	01/78 -	MG123
DRAGO 65	916.4 A	/	02/84 -	MG127
DRAGO 75	916.4 A	/	02/85 -	MG127
DRAGO 85	916.4 TA	/	02/84 -	MG127
DRAGO SUPER		/	01/78 -	MG123
ECONOMY 50 DT/2RM		/	-	MG515
ECONOMY 60 DT/2RM		/	-	MG515
ECONOMY 70 DT/2RM		/	-	MG515
EXPLORER		/	-	MG288
EXPLORER 60 II SPDT	1000.3A	/	-	MG515
EXPLORER 70 II DT/2RM	1000.4A	/	-	MG515
EXPLORER 70 SPL		/	-	MG515
EXPLORER 80	1000.4.A	/	-	MG515
EXPLORER 80 II SPDT BASSO	1000.4A	/	-	MG515
EXPLORER 90 II DT REV	1000.4AT	/	-	MG515
EXPLORER 90C ERGOMATIC	1000.4A	/	-	MG515
F100	8065.06A.330	/	11/93 -	MG521
F120	8065.05B.330	/	11/93 -	MG521
FALCON	983L	/	07/75 - 08/85	MG438
			09/85 -	MG123
FORTIS 150	1 L6,110kW,TCD6,Tier 4i	/	01/13 -	MG29
FORTIS 160	1 L6,122kW,TCD6,Tier 4i	/	01/13 -	MG29
FORTIS 180	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MG29
FORTIS 190	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MG29
FOX 35	982L	/	01/81 - 04/86	MG438
FOX 45,55	983L	/	01/81 - 04/86	MG438
FRUTTETO		/	-	MG288
FRUTTETO 60 II 2RM/DT/REV	1000.3A	/	-	MG515
FRUTTETO 75 2RM	1000.3AT	/	05/91 -	MG540
FRUTTETO 75 II 2RM/DT/REV	1000.4A	/	-	MG515
FRUTTETO 85 II DT/REV	1000.4AT	/	-	MG515
FRUTTETO II 100DT	1000.4WT	/	-	MG540
FRUTTETO II 60 DT	1000.3A	/	05/91 -	MG521
FRUTTETO II 70DT	1000.3W	/	-	MG540
FRUTTETO II 75DT	1000.4W	/	-	MG540
FRUTTETO II 90DT	1000.4WT	/	-	MG540
FRUTTETO III 100/SV/CLASSIC	71kW,SDF1000.4,Tier 3	/	01/13 -	MG515

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
FRUTTETO III 110/S/V	78kW,SDF1000.4,Tier 3	/	01/13 -	MG515
FRUTTETO III 80.4 CLASSIC	59kW,SDF1000.4,Tier 3	/	01/13 -	MG515
FRUTTETO III 90/S/V/CLASSIC	71kW,SDF1000.4,Tier 3	/	01/13 -	MG515
GALAXY 170	105.6 PTI	/	06/83 -	MG127
				MG288
GOLDEN		/	-	MG288
GOLDEN 60	1000.3A	/	-	MG515
GOLDEN 65	1000.4W	/	-	MG515
GOLDEN 75	1000.4A,W	/	-	MG515
GOLDEN 85	1000.4A	/	-	MG515
HERCULES 160	105.6 PT	/	06/79 - 10/83	MG127
JAGUAR		/	10/81 - 03/84	MG127
JAGUAR 95,100	105.5P	/	03/79 - 03/84	MG123
KRYPTON 3 100 F	70kW,SDF1000.4,Tier 3	/	01/13 -	MG515
KRYPTON 3 110 SIX	75kW,SDF1000.4,Tier 3	/	01/13 -	MG515
KRYPTON 3 90 F	63kW,SDF1000.4,Tier 3	/	01/13 -	MG515
KRYPTON 90	4cyl.	/	-	MG515
LASER 100	100.5 P	/	06/85 -	MG127
	1055PA	/	-	MG515
LASER 110	1006PA	/	-	MG515
LASER 110/130	100.6 P	/	03/83 -	MG127
LASER 130	1056PA	/	-	MG515
LASER 150	105.6 PS	/	03/83 -	MG127
	1056PT	/	-	MG515
LASER 3 140	1000.6WTI,140HP	/	01/10 -	MG353
LASER 3 160	1000.6WTI,163HP	/	01/10 -	MG353
LASER 85 TRANSPORTER	1054PA	/	-	MG515
LEOPARD 85/EXPORT	105.4P	/	01/78 - 12/85	MG123
LEOPARD 90 TURBO	105.4PT	/	02/82 - 03/84	MG123
LEOPARD 90 TURBO/85	105.4 PT	/	02/79 - 03/84	MG127
LEOPARD C	105.4P	/	06/80 - 12/85	MG123
MERCURY 85	105.4 P	/	01/81 -	MG127
MERCURY 85/SPECIAL	105.4P	/	01/81 -	MG123
MINITAUROS 60/FRUTTETO	105.3P	/	05/60 -	MG123
PANTHER 90	985P	/	01/78 - 09/80	MG123
PANTHER 95	105.5P	/	01/78 - 09/80	MG123
RANGER 45	983L	/	02/82 - 08/85	MG438
			09/85 -	MG123
ROW CROP 90	1000.4AT	/	-	MG515
RUBIN 135	6cyl.	/	-	MG353
RUBIN 200		/	-	MG353
RUBIN 120		/	-	MG353
RUBIN 135		/	-	MG353
RUBIN 150		/	-	MG353
RUBIN 160		/	-	MG353
RUBIN 180		/	-	MG353
SATURNO 80 SYNCHRO		/	-	MG127
SILVER		/	-	MG220
SILVER 100.4 DT	1000.4ATI	/	-	MG357
SILVER 100.6 DT	1000.4ATI	/	-	MG357
SILVER 105	1000.6V,105HP	/	01/04 - 12/09	MG515
SILVER 110	1000.4WTI,109HP	/	01/04 - 12/09	MG515
SILVER 80 DT/2RM	1000.4A	/	-	MG357
SILVER 85	1000.4WT,85HP	/	01/04 - 12/09	MG515
SILVER 90 DT/2RM	1000.4AT	/	-	MG357
SILVER 95	1000.4WT,105HP	/	01/04 - 12/09	MG515
SIRENETTA	982L	/	01/72 - 10/81	MG438
SOLAR		/	-	MG288
SOLAR 50	983LA	/	01/86 - 12/97	MG515
SOLAR 55C	100.3P	/	-	MG123
SOLAR 60	105.3P	/	06/86 - 12/87	MG515
SOLAR 60C ERGOMATIC SUPERCOMPACT	1053PA	/	-	MG515
SOLAR 60C ERGOMATIC/MONTAGNA	1053PA	/	-	MG515
SOLAR 60C/COMPACT/SUPERCOMPACT	1053PA	/	-	MG515
TAURUS 60	105.3 P	/	10/81 - 12/84	MG127
TAURUS 60,C	105.3P	/	11/78 - 12/84	MG123
TIGER 100	105.5L	/	11/78 - 12/84	MG123
TIGER SIX 105	100.6P	/	01/77 -	MG123
TIGER SIX 105/100	986 P/100.6P	/	10/81 -	MG127
TITAN		/	-	MG288

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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SAME (continued)

TITAN 145 DT	1000.6ATI	/	-	MG353
TITAN 160 DT	1000.6WTI	/	05/91 -	MG353
TITAN 190 DT	1000.6WTIR	/	01/92 -	MG353
TRIDENT 130	105.6 P	/	06/81 - 10/83	MG127
VIGNERON 35	982L	/	03/78 - 08/85	MG438
			09/85 -	MG123
VIGNERON 45	983L	/	03/78 - 01/82	MG438
VIGNERON 50	983L	/	03/78 - 01/82	MG438
			09/85 -	MG123
VIGNERON 60	105.3P	/	03/78 - 02/88	MG438
	1053P	/	09/85 - 02/88	MG123
VIGNERON 62 DT	1000.3A	/	-	MG515
VIGNERON 70	100.4P	/	09/85 -	MG123
VIGNERON 75 DT	1000.4AT	/	-	MG515

SAMPO ROSENLEW

COMBINES

SR1046X	Sisu Diesel 44DT 4cyl	/	-	MG177
SR1066	Sisu Diesel 44DT 4cyl	/	-	MG177
SR3045C	Sisu Diesel 44DT 4cyl	/	-	MG177
SR3065L	Sisu Diesel 44DT 4cyl	/	-	MG178
SR3085L TS	Sisu Diesel 44DT 4cyl	/	-	MG178

SCHAEFFER

LOADERS

9300Z	110HP,Deutz 4-cyl	/	-	MG344
9330Z	130HP,Deutz 4-cyl	/	01/99 -	MG344
9510T	110HP,Deutz 4-cyl	/	01/99 -	MG344
9530T	130HP,Deutz 4-cyl	/	01/99 -	MG344

TELEHANDLER

9380 T	1 L6,154kW,TCD6,Tier 4i	/	01/99 -	MG169
9660 T	1,115kW,4-cyl,TCD4	/	-	MG169
SKL 833	45kW,Perkins 700	/	01/99 -	MG86

SCHLÜTER

FARM EQUIPMENT

PROFIT 2000TVL	SDMT112W8	/	01/80 -	MG124
SUPER 1300VL	SDM112W6	/	01/80 -	MG124
	SDMT112W6	/	01/80 -	MG604
SUPER 1600TVL	SDMT112W6	/	01/80 -	MG124
SUPER 1800TVL	SDMT112W6	/	01/80 -	MG124
			07/80 -	MG604
SUPER 2000 TVL	SDMT112W8	/	09/81 -	MG604
SUPER 2000TVL	SDMT112W8	/	09/81 -	MG124
SUPER 2500VL	MAN-D2566ME	/	01/81 - 11/87	MG125

SENNEBOGEN

TELEHANDLER

870 M	300kW,TCD2015 V06 4V	/	01/01 -	MG473
870 R	300kW,TCD2015 V06 4V	/	01/01 -	MG473

STEINER

TRACTORS

440-34KO	2-cyl,34HP,CH904	/	-	MG432
440-40KO	2-cyl,40HP,CH1000	/	-	MG432

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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STEYR

TRACTORS

4085	FPT F5C	/	-	MG480
4095	FPT F5C	/	-	MG480
4105	FPT F5C	/	-	MG223
				MG480
4110	FPT NEF	/	-	MG480
4120	FPT	/	01/13 -	MG481
	FPT NEF	/	-	MG480
4130	FPT NEF	/	-	MG480
6125	FPT NEF	/	-	MG286
6130	FPT	/	-	MG481
6135	135HP	/	-	MG286
6140	FPT NEF	/	-	MG480
6145	FPT	/	-	MG481
6160	FPT	/	-	MG481
6170	FPT	/	-	MG481
6185	FPT	/	-	MG481
6205	FPT	/	-	MG481
6230	FPT	/	-	MG481
8014 H	1104D,608KW	/	01/13 -	MG579
8055 A	WD311.46	/	10/92 -	MG626
8060 A/T	WD311.87	/	02/87 -	MG626
8065 A	WD311.85	/	09/86 -	MG371
				MG626
8070 A	44,WD311.43	/	10/92 -	MG626
8075 A	46,WD411.45	/	10/92 -	MG626
8080 A	90,WD411.89	/	06/84 -	MG626
8085 A	WD411.92	/	10/92 -	MG626
8090 A	88,WD411.87	/	10/92 -	MG626
8110 A	43,WD611.42	/	10/92 -	MG626
8130 A	88,WD611.87	/	10/92 -	MG626
8150 A	WD612.87	/	10/92 -	MG626
8165 A	WD612.86	/	06/86 -	MG626
			10/92 -	MG626

STORE

FARM EQUIPMENT

402		/	-	MG123
404		/	-	MG123

TEREX

BACKHOE LOADERS

860 ELITE	1104D-44T,4-cyl,94HP	/	11/82 -	MG560
860SX	1104D-44T,4-cyl,94HP	/	07/83 -	MG560
880SX	1104D-44T,4-cyl,94HP	/	01/83 -	MG560
970 ELITE	1104D-44T,4-cyl,94HP	/	-	MG560
980 ELITE	1104D-44T,4-cyl,94HP	/	-	MG560
TLB840	1104D-44TA,4-cyl,94HP	/	-	MG560
TLB890	100HP,1104D-44TA,4-cyl	/	-	MG560
TX60		/	-	MG407
TX750	1004.40,1004.42	/	01/76 - 06/79	MG407
TX760	1004.40T,1004.42	/	01/79 - 06/86	MG560
TX760B	1104D-44T,4-cyl,94HP	/	12/79 - 06/86	MG560
TX860	1004.40T	/	07/80 - 06/84	MG560
TX860B	1104D-44T,4-cyl,94HP	/	08/86 -	MG560
TX860SB	1004.40T	/	-	MG407
TX870B	1104D-44T,4-cyl,94HP	/	-	MG560
TX880 ELITE	1104D-44T,4-cyl,94HP	/	09/68 - 11/70	MG560
TX960	1004.4T	/	12/70 - 06/73	MG407
TX965	1004.4T	/	06/83 - 06/94	MG407

LOADERS

TH844C	BF4M2012	/	-	MG344
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Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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TEREX (continued)

LOGGERS

853		/	-	MG575
853E		/	12/72 -	MG575

TIGERCAT

LOGGERS

720D		/	-	MG575
724D		/	-	MG575

TIMBERJACK

LOGGERS

360D		/	11/72 - 06/80	MG279
460D		/	-	MG482
460TC		/	-	MG482
740		/	12/73 - 06/78	MG233
840		/	-	MG233

TIMRICK

LOGGERS

2750		/	-	MG477
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TORO MOWER

FARM EQUIPMENT

GROUNDMASTER 345	Gas (Ford),VSG-413	/	01/89 - 12/94	MG222
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URSUS

TRACTORS

10014 H	1104D,74.9KW	/	01/13 -	MG579
9014 H	1104D,68KW	/	01/13 -	MG579
C-380	1104D	/	01/14 -	MG579

UTB (ROM)

FARM EQUIPMENT

1010 DT	100HP,6-cyl,D.261.050	/	-	MG605
350 U/DTC/DT		/	-	MG400
445 U/DT/DTC	3-cyl,5HPD,115... 42	/	01/74 - 12/81	MG400
453 DT/DTP/DTC	3-cyl,45HPD,115.000	/	01/84 - 12/04	MG400
523 U/DTC/DTP		/	-	MG400
530 DTC	3-cyl,50HPD-115.050	/	01/82 - 12/85	MG605
530 SI	3-cyl,50HPD-115.050	/	01/82 - 12/85	MG400
533 DT	4-cyl,53HPD,115.050	/	01/89 - 12/04	MG605
533 U/DTC/DTP	3-cyl,D.115.. 51HP	/	01/88 - 12/01	MG400
550 DTC-V		/	-	MG400
550 U/DT/DTC		/	-	MG400
640 U/DTC	4-cyl,62HPD-121.050	/	01/82 - 12/85	MG400
643 U/DT/DTC/DTP	4-cyl,62HP	/	10/88 - 12/02	MG400
650		/	-	MG400
652		/	-	MG400
683 U/DTC/DTP	2404.0550,4-cyl,86HP	/	01/95 - 12/04	MG400
703 DT	2404.050,4-cyl,70HP	/	01/88 - 12/04	MG400
703 U/DT	2404.050,4-cyl,70HP	/	01/88 - 12/04	MG400

VALMET

TRACTORS

1180 S	Sisu Diesel	/	-	MG39
1280	81198200G	/	-	MG636
				MG226

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
				MG39
				MG636
1394		/	01/84 -	MG110
1494		/	01/84 -	MG110
1594		/	01/84 -	MG110
1694		/	01/84 -	MG110
1780	80511800	/	-	MG226
				MG39
				MG636
365	320DS Turbo	/	-	MG110
505	TD33DSS	/	-	MG110
565	320DS Turbo	/	-	MG110
6000		/	01/90 -	MG110
605	TD33DS6	/	-	MG110
6100	320DS / Turbo	/	-	MG177
6200	44DT	/	-	MG177
6250 HI	44DT	/	-	MG177
6300	420 / SRE	/	-	MG110
	44 DT	/	-	MG177
6350 HI	4 DT	/	-	MG177
	44DT	/	-	MG177
6400	420 DS / DW	/	-	MG110
	420D WRE / 44 ET	/	-	MG178
6550 HI	44 ET	/	-	MG178
6600	320DS Turbo/420DS	/	-	MG110
665	420D	/	-	MG110
6650		/	01/97 -	MG177
6750/HI	420DWRIE	/	-	MG177
6800	420 DWI	/	-	MG177
685	83005000A	/	-	MG226
6850 HI	44 EWI	/	-	MG178
6850/HI	420DWRIE	/	-	MG177
685ATS	83005000B	/	-	MG226
6900		/	01/97 -	MG177
705	TD44DS7	/	-	MG110
785	82605400	/	-	MG226
800	420DR	/	-	MG176
8000	620 DS	/	-	MG110
805	TD44DS8	/	-	MG110
8050	620 DS	/	01/96 -	MG177
	620DS Turbo	/	-	MG110
8100	620 D	/	01/90 -	MG177
8150	620 DS	/	01/96 -	MG177
	620DS Turbo	/	-	MG110
8200	620 D	/	01/90 -	MG177
8350	620DSI	/	-	MG110
8400	620 D	/	01/90 -	MG177
	620DS Turbo	/	-	MG110
8450	620 DW / R / E	/	01/96 -	MG177
	620DS Turbo	/	-	MG110
8550	634DS / Turbo / Sigma	/	-	MG177
	634DS Turbo	/	01/98 -	MG177
	634DSRE	/	-	MG177
8570	634DS / Turbo / Sigma	/	-	MG177
865	420DS	/	-	MG110
	420DS Turbo	/	-	MG110
8750	634DS / Turbo / Sigma	/	-	MG177
8950	634DSBIE / 620DSBIE	/	01/98 -	MG177
900	420DSRE / 411B	/	-	MG176
905	D66D9	/	-	MG110
A650	Sisu 320D 3cyl.	/	01/10 -	MG73
	Sisu 320D 3cyl. 66HP	/	-	MG73
A650/F	Sisu 320D 3cyl. 66HP	/	01/10 -	MG226
A72	3-cyl,33DTA,74HPStage 3A	/	-	MG182
A750	Sisu 320DS 3cyl. 78HP	/	-	MG73
A750F	Sisu 320DS 3cyl. 78HP	/	06/09 -	MG226
A750L	Sisu 420D 4cyl.	/	03/10 -	MG226
A850	Sisu 320DS 3cyl. 85HP	/	-	MG73
A850/F	Sisu 320DS 3cyl. 85HP	/	06/09 -	MG226
A93 HITECH	SISU DIESEL 44DTAI	/	01/14 -	MG178

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
VALMET (continued)				
A950	4cyl.96HP,Sisu 420DS	/	-	MG73
	Sisu 420DS	/	-	MG73
	Sisu 420DS 4cyl.	/	03/09 -	MG226
A950 F	3-cyl,95HP,Sisu 320DS	/	-	MG73
	3-cyl,Sisu 320DS	/	-	MG73
A990	Sisu 420DS 4cyl.	/	08/09 -	MG226
BC4500	6cyl. 200HP,Sisu 620DSR	/	03/08 -	MG52
	Sisu 620DSR	/	03/08 -	MG52
BC4500R	200HP,6-cyl,Sisu 620DSR	/	-	MG52
	Sisu 620DSR	/	-	MG52
BF65	Sisu 320D 3cyl.	/	03/08 -	MG226
BF75	Sisu 320DS 3cyl.	/	03/08 -	MG226
BH135I	4cyl.137HP,Sisu 420DSA	/	-	MG52
				MG73
	Sisu 420DSA	/	-	MG52
BH145	6cyl.153HP,Sisu 620DS	/	03/08 -	MG226
				MG39
				MG636
	Sisu 620DS	/	03/08 -	MG39
BH165	6cyl.174HP,Sisu 620DS	/	03/08 -	MG226
				MG39
				MG636
	Sisu 620DS	/	03/08 -	MG39
BH180	6cyl.189HP,Sisu 620DS	/	03/08 -	MG39
				MG636
			03/10 -	MG226
	Sisu 620DS	/	03/08 -	MG39
BH185I	6cyl.,Sisu 620DSA	/	03/08 -	MG226
				MG39
				MG636
	Sisu 620DSA	/	- 03/08	MG39
BH200	6cyl.200HP,Sisu 620DS	/	-	MG73
BH205I	6cyl.,Sisu 620DSA	/	03/08 -	MG226
				MG39
				MG636
	Sisu 620DSA	/	- 03/08	MG39
BH210I	6cyl.210HP,Sisu 620DS	/	-	MG52
	Sisu 620DS	/	-	MG52
BM100	4cyl.106HP,Sisu 420DS	/	03/08 -	MG226
	Sisu 420DS 4cyl.106HP	/	03/08 -	MG39
				MG636
BM110	4cyl.116HP,Sisu 420DS	/	03/08 -	MG226
				MG39
				MG636
	Sisu 420DS	/	03/08 -	MG39
BM125I	4cyl.132HP,Sisu 420DSA	/	03/08 -	MG226
				MG39
				MG636
	Sisu 420DSA	/	03/08 -	MG39
BT150	Sisu 620DS 6cyl.150HP	/	08/09 -	MG39
				MG636
BT170	Sisu 620DS 6cyl.170HP	/	08/09 -	MG39
				MG636
BT190	Sisu 620DSA 6cyl.190HP	/	08/09 -	MG39
				MG636
BT210	Sisu 634DSA 6cyl.	/	08/09 -	MG39
				MG636
C100	420D	/	01/97 -	MG110
	420DS Turbo	/	-	MG110
C15	420D	/	-	MG110
C20	420D	/	-	MG110
C200	420D	/	01/97 -	MG110
MEGA 8750	634 DA,DS	/	01/98 -	MG177
N101	44DT/DTA	/	-	MG177
N101 C/H	101HP,44DTA,Stage 3A	/	-	MG178
N103	111HP,33AWI,4-cyl,Stage 3A	/	-	MG178
	33AWI,4-cyl	/	-	MG178

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
N103.4 HITECH	4-cyl,44AWI,82kW	/	-	MG162
N103.4 HITECH 5	4-cyl,44AWI,82kW	/	-	MG162
N111	44DT/DTA	/	-	MG177
N111 E/C/H/LS	44 EWA / DTA	/	-	MG178
N113	124HP,44AWI/4V,Stage 3A	/	-	MG178
	44AWI/4V	/	-	MG178
N113 HITECH 3	4-cyl,44AWI,82kW	/	-	MG162
N113 HITECH 5	4-cyl,44AWI,82kW	/	-	MG162
N121 H/LS	44CWA	/	-	MG178
N122 VERSU	100kW,44CWA	/	-	MG162
N122D	100kW,44CWA	/	-	MG162
N123 HITECH 3	44AWI/4V	/	-	MG178
	44AWI/4V,99kW,Stage 3A	/	-	MG178
N123 HITECH 5	4-cyl,44AWI,99kW	/	-	MG162
N123 VERSU	4-cyl,49AWI,99kW	/	-	MG162
N141 H/LS	150HR,4-cyl,49CWA,Stage 3A	/	-	MG178
	49CWA	/	-	MG178
N143 HITECH 3	4-cyl,49AWI,99kW	/	-	MG162
N143 VERSU	4-cyl,49AWI,99kW	/	-	MG162
N143/D	112kW,49AWI/4V,Stage 3A	/	-	MG162
N163 VERSU	4-cyl,49AWI,99kW	/	-	MG162
N163/D	120kW,49AWI/4V,Stage 3A	/	-	MG162
N82	44DTA,88HP,Stage 3A	/	-	MG178
N91	44DT/DTA	/	-	MG177
N91 C/H	44 DT	/	-	MG178
N91/N101/N111	44DT/DTA	/	-	MG177
N92	101HP,44DTA,Stage 3A	/	-	MG178
N93	33AWI, 4-cyl	/	-	MG178
	33AWI,4-cyl,99HP,Stage 3A	/	-	MG178
S260	645 D S BAE	/	-	MG177
S293	325HP,Agcopower 84WI-4V	/	-	MG182
	Agcopower 84WI-4V	/	-	MG182
S353	375HP,Agcopower 84WI-4V	/	-	MG182
	Agcopower 84WI-4V	/	-	MG182
T121	66CTA-4V	/	-	MG178
	66CTA-4V,98kW,Stage 3A	/	-	MG178
T131	66CTA-4V	/	-	MG178
	66CTA-4V,98kW,Stage 3A	/	-	MG178
T133/H	112kW,66AWI-4V,Stage 3A	/	-	MG178
	66AWI-4V	/	-	MG178
T151	114kW,66CTA-4V,Stage 3A	/	-	MG178
	66CTA-4V	/	-	MG178
T153	114kW,66AWI-4V,Stage 3A	/	-	MG162
T153 HITECH	114kW,66AWI-4V,Stage 3A	/	-	MG162
T153 VERSU	114kW,66AWI-4V,Stage 3A	/	-	MG162
T153D	114kW,66AWI-4V,Stage 3A	/	-	MG162
T161	125kW,66CTA-4V,Stage 3A	/	-	MG178
	66CTA-4V	/	-	MG178
T163E VERSU	125kW,74AWI-4V,Stage 3A	/	-	MG162
T163E/ED	125kW,74AWI-4V,Stage 3A	/	-	MG162
T173 HITECH	132kW,74AWI-4V,Stage 3A	/	-	MG162
T183 VERSU	138kW,74AWI-4V,Stage 3A	/	-	MG162
T183/D	138kW,74AWI-4V,Stage 3A	/	-	MG162
T191	185HP,74CTA-4V,Stage 3A	/	-	MG178
	74CTA-4V	/	-	MG178
T203/D	150kW,74AWI-4V,Stage 3A	/	-	MG162
T213 VERSU	158kW,74AWI-4V,Stage 3A	/	-	MG162
X100		/	01/99 -	MG177
X110		/	01/99 -	MG177
X120	420DWRIE	/	01/99 -	MG177

VALPADANA

FARM EQUIPMENT

2025-RS	Lomb.-LDW903/B1	/	-	MG282
2530	Lomb.-914	/	01/90 -	MG517
2536	Lomb.-11LD625.3	/	01/90 -	MG517
2540	Lomb.-11LD626.3	/	01/90 -	MG517
3030	Lomb.-LDA914	/	01/90 -	MG517
4033 DT	Lomb.-914	/	05/84 - 12/89	MG517

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
VALPADANA (continued)				
4040	Lomb.-11LD625.3	/	01/87 -	MG517
6000	Lomb.-LDA673	/	06/84 - 12/89	MG517
	Lomb.-LDA832	/	06/84 - 12/89	MG517
	Lomb.-LDA833	/	06/84 - 12/89	MG517
6000 DT	Lomb.-LDA673	/	06/84 - 12/89	MG517
	Lomb.-LDA832	/	06/84 - 12/86	MG517
	Lomb.-LDA833	/	06/84 - 12/89	MG517
6000 RS/DT	Lomb.-5LD930.3	/	01/90 -	MG517
6000 ST	Lomb.-LDA673	/	06/84 - 12/89	MG517
	Lomb.-LDA832	/	06/84 - 12/89	MG517
	Lomb.-LDA833	/	06/84 - 12/89	MG517
6040	Lomb.-LDA832	/	09/83 - 12/89	MG517
6040 RSD/DT	Lomb.-11LD626.3	/	01/90 -	MG517
6042 RS/DT	Lomb.-11LD626.3	/	01/90 -	MG517
6045 RS	Lomb.-LDA673	/	09/83 - 05/87	MG517
6050	Lomb.-5LD825.3	/	01/88 - 12/89	MG517
6050 RS	Lomb.-5LD824.3	/	01/90 -	MG517
6055 DT	Lomb.-833	/	09/83 - 06/87	MG517
6055 RS	Lomb.-LDA833	/	09/83 - 05/87	MG517
6060 RS	Lomb.-5LD930.3	/	06/87 -	MG517
7060	Lomb.-833	/	09/83 - 12/87	MG517
7070	Lomb.-5LD930.4	/	01/88 - 12/90	MG517
	Lomb.-834	/	09/83 - 12/87	MG517
8080 RS	Lomb.-5LD930.4	/	01/90 -	MG517
	Lomb.-834	/	07/88 - 12/89	MG517
VP 96105 ARR	3L,74kW,Cummins QSB3	/	-	MG223
	3L,Cummins QSB3	/	-	MG223

VALTRA

FARM EQUIPMENT

S232, S233		176 / 240	01/08 - 12/13	MG756
S262, S263		195 / 265	01/08 - 12/11	MG756
S292, S293		213 / 290	01/08 - 12/11	MG756
S322, S323		232 / 315	01/08 - 12/11	MG756
S352, S353		250 / 340	01/08 - 12/11	MG756
T174		140 / 190	02/15 -	MG762

VERMEER

LOGGERS

P185 RENEGADE		/	03/74 - 10/74	MG279
V4150	F3L1011F	/	02/66 - 12/70	MG279
V4150A	F3L1011F	/	10/87 -	MG279

VERSATILE

TRACTORS

700	(Tractors)	/	-	MG46
800	(Tractors)	/	-	MG46
810	(Tractors)	/	-	MG46
814	(Tractors)	/	-	MG46

VOLVO BM

LOADERS

L160		/	-	MG17
L25B	D3DC BE1	/	-	MG385
	D3DC BE2	/	-	MG385
L35B		/	-	MG607
L90	TD61GL	/	-	MG385
LM641	D42A	/	-	MG385
LM642		/	-	MG385
LM846		/	-	MG385

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
TRACTORS				
2200	(Tractors)	/	-	MG230
2204	(Tractors)	/	-	MG230
2250	(Tractors)	/	-	MG230
2254	(Tractors)	/	-	MG230
2650	(Tractors)	/	-	MG46
2654	(Tractors)	/	-	MG46
430	(Tractors)	/	-	MG230
500	(Tractors)	/	-	MG230
650	(Tractors)	/	-	MG46
BM 2200	Perkins 4.236	/	-	MG228
BM 2204	Perkins 4.236	/	-	MG228
BM 320		/	-	MG228
BM 400		/	-	MG228
BM 430		/	-	MG228
BM 500		/	-	MG228
BM 620		/	-	MG228
BM 640		/	-	MG228
BM 650		/	-	MG228
BM 700		/	-	MG228
BM 840		/	-	MG228
BM BOXER 350		/	-	MG228
BM BOXER 600		/	-	MG228
BMT800		/	-	MG228
BMT810		/	-	MG228
BMT814		/	-	MG228

WACKER NEUSON

WHEEL LOADERS

WL 48	4-cyl,45kW,TD2011 L04W	/	-	MG314
	TD2011 L04W	/	-	MG314

WACO

FARM EQUIPMENT

1370	1000.4W	/	-	MG515
70	1000.3AT	/	-	MG515

WEIDEMANN

WHEEL LOADERS

2070 CX80	4-cyl,55kW,TD2011 L04W	/	01/02 -	MG314
	TD2011 L04W	/	-	MG314
2070 CX80 LP	TD2011 L04W	/	- 12/77	MG314
2070 CX80 LPT	4-cyl,55kW,TD2011 L04W	/	-	MG314
	TD2011 L04W	/	-	MG314
2070 CX80 T	4-cyl,55kW,TD2011 L04W	/	-	MG314
	TD2011 L04W	/	-	MG314
3070 CX60	TD2011 L04W	/	- 12/74	MG314
3070 CX60 LP	4-cyl,55kW,TD2011 L04W	/	-	MG314
	TD2011 L04W	/	-	MG314
3070 CX60 LPT	4-cyl,45kW,TD2011 L04W	/	07/10 -	MG314
	TD2011 L04W	/	-	MG314
3070 CX60 T	4-cyl,45kW,TD2011 L04W	/	05/03 -	MG314
	TD2011 L04W	/	-	MG314
3070 CX80	4-cyl,55kW,TD2011 L04W	/	09/10 -	MG314
	TD2011 L04W	/	-	MG314
3070 CX80 LP	4-cyl,55kW,TD2011 L04W	/	-	MG314
	TD2011 L04W	/	-	MG314
3070 CX80 LPT	4-cyl,55kW,TD2011 L04W	/	02/03 -	MG314
	TD2011 L04W	/	-	MG314
3070 CX80 T	4-cyl,55kW,TD2011 L04W	/	05/03 -	MG314
	TD2011 L04W	/	-	MG314
4070 CX80	4-cyl,55kW,TD2011 L04W	/	05/71 -	MG314
	TD2011 L04W	/	-	MG314
4070 CX80 LP	4-cyl,55kW,TD2011 L04W	/	02/73 -	MG314
	TD2011 L04W	/	-	MG314
4070 CX80 T	4-cyl,55kW,TD2011 L04W	/	09/72 -	MG314

Alternator Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	ALTERNATOR
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WEIDEMANN (continued)

	TD2011 L04W	/	-	MG314
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WHITE

FARM EQUIPMENT

115	1000.6W	/	-	MG515
1465	Fiat Engine	/	01/76 - 01/80	MG515
1470	Fiat Engine	/	01/76 - 01/80	MG515
2-50	Fiat Engine	/	01/76 - 01/80	MG515
70	1000.4W	/	-	MG515
90	1000.4WT	/	-	MG515

WILLMAR

FARM EQUIPMENT

XPLORER 6200	4045T	/	01/02 -	MG477
XPLORER 6400	4045T	/	01/02 -	MG477

WIRTGEN

SPECIAL EQUIPMENT

SP 500/500VARIO	130kW,6-cyl,BF6M2012	/	-	MG554
	BF6M2012	/	-	MG554
TCM 1800	41kW,D2011 L04i	/	-	MG114
TCM 950	41kW,D2011 L04i	/	-	MG114

ZETOR

TRACTORS

100	3B,4-cyl,96HP,Zetor 1006	/	-	MG580
	4-cyl,96HP,EU.3A,Zetor 1006	/	-	MG580
100 PLUS	4-cyl,96HP,EU.3B,Zetor 1006	/	-	MG580
100 POWER	4-cyl,96HP,EU.3A,Zetor 1005	/	-	MG580
	4-cyl,96HP,EU.3A,Zetor 1006	/	-	MG580
105	107HP,3A,4-cyl,Zetor 1305	/	-	MG580
10540	1301/75kW	/	01/91 -	MG580
110	107HP,3B,4-cyl,Zetor 1306	/	-	MG580
110 PLUS	117HP,3B,4-cyl,Zetor 1406	/	-	MG580
110 POWER	107HP,4-cyl,E.3A,Zetor 1305	/	-	MG580
	107HP,4-cyl,E.3B,Zetor 1306	/	-	MG580
115	117HP,3A,4-cyl,Zetor 1405	/	-	MG580
120	117HP,3B,4-cyl,Zetor 1406	/	-	MG580
120 POWER	117HP,4-cyl,E.3A,Zetor 1405	/	-	MG580
	117HP,4-cyl,E.3B,Zetor 1406	/	-	MG580
125	130HP,3A,4-cyl,Zetor 1505	/	-	MG580
130	130HP,3B,4-cyl,Zetor 1506	/	-	MG580
135	136HP,3A,4-cyl,Zetor 1605	/	-	MG580
14.441	129HP,4-cyl,Zetor	/	01/07 - 12/09	MG580
140	136HP,3B,4-cyl,Zetor 1606	/	-	MG580
70	4-cyl,65HP,EU.3A,Zetor 7205	/	-	MG580
80	4-cyl,75HP,EU.3A,Zetor 1105	/	-	MG580
	4-cyl,76HP,EU.3A,Zetor 1105	/	-	MG580
90	4-cyl,88HP,EU.3A,Zetor 1206	/	-	MG580
90 PLUS	4-cyl,88HP,EU.3B,Zetor 1206	/	-	MG580
90 POWER	4-cyl,88HP,EU.3A,Zetor 1205	/	-	MG580
	4-cyl,88HP,EU.3B,Zetor 1206	/	-	MG580
95	3A,4-cyl,96HP,Zetor 1005	/	-	MG580
HD 130	127HP,3B,4-cyl,Zetor 1506	/	-	MG580
HD 140	136HP,3B,4-cyl,Zetor 1606	/	-	MG580
HD 150	147HP,3B,4-cyl,Zetor 1716	/	-	MG580
HSX 100	4-cyl,96HP,EU.3B,Zetor 1006	/	-	MG580
HSX 110	107HP,4-cyl,E.3B,Zetor 1306	/	-	MG580
HSX 120	117HP,4-cyl,E.3B,Zetor 1406	/	-	MG580
HSX 130	130HP,4-cyl,E.3B,Zetor 1506	/	-	MG580
HSX 140	136HP,4-cyl,E.3B,Zetor 1606	/	-	MG580

Starter Motor Application Guide

VEHICLE	ENGINE	HP/KW	MODEL YEAR	STARTER MOTOR
AG-CHEM (AGCO)				
TRACTORS				
4220-2/4	3 turbo	/	-	MS243
4660 AWD/2WD	Same-105.3P	/	05/91 -	MS58
6065	Same 1000.4WVT	/	01/92 - 12/00	MS58
6085	Same 1004.WVT	/	01/92 - 12/97	MS58
6105	Same 1000.6VW	/	01/92 - 12/97	MS58
8610 CAAWD	Same-1000.6A	/	05/91 -	MS58
8630 CAAWD	Same-1000.6AT	/	05/91 -	MS58
ALLIS 6670	Same 1000.4A	/	01/91 - 12/99	MS354
ALLIS 6680	Same 1000.4A	/	01/91 - 12/97	MS354
ALLIS 6690	Same 1000.4AT	/	01/91 - 12/97	MS354
ALLIS 8610	Same 1000.6A	/	05/91 - 12/97	MS58
ALLIS 8630	Same 1000.6AT	/	05/91 - 12/97	MS58
ALLIS 9130	Deutz 6-374	/	01/91 - 12/93	MS446
ALLIS 9150	Deutz 6-374	/	01/91 - 12/93	MS446
GLEANER R40	Deutz BF6L913C	/	01/89 - 12/91	MS446
GLEANER R42	Deutz BF6L913C	/	01/92 - 12/00	MS446
GLEANER R50	Deutz BF6L913C	/	01/89 - 12/91	MS446
GLEANER R52	Deutz BF6L913C	/	01/92 - 12/02	MS446
GT 65	4-cyl,46kW,SDF 1000.4WV5	/	01/04 -	MS429
GT 65A	4-cyl,46kW,SDF 1000.4WV5	/	01/04 -	MS429
GT 75	4-cyl,54kW,SDF 1000.4WVT4	/	01/04 -	MS429
GT 75A	4-cyl,54kW,SDF 1000.4WVT4	/	01/04 -	MS429
TRACTORS	FPT - F5C	/	-	MS399

AGRALE

ONE AXLE TRACTORS

6900 D	Ruggerini-RW270	/	06/82 -	MS190
TRACTORS				
4100/4100.4	17,5kW	/	-	MS133
4118/4118.4	17,5kW	/	-	MS133
4230	30HPM790	/	-	MS561
6150	TD 229-6	/	08/99 -	MS349
7500 TD	TD229 EC-4	/	09/94 -	MS349
8500TDX	MWM-4.10T	/	07/97 -	MS310
BX100	TD229 EC-4	/	08/90 -	MS349
BX130	D229-06	/	08/90 -	MS349
BX4.100	TD229 EC 4	/	08/90 -	MS349
BX4.110	TD229 EC.04	/	08/90 -	MS349
BX4.130	D229.06	/	08/90 -	MS349
BX4.150	TD229 EC 6	/	08/90 -	MS349
BX4.90	D229-04	/	08/90 -	MS349
BX90	D229-04	/	08/90 -	MS349
M795VW	33 HP	/	-	MS134
MA-SERIE		/	09/96 -	MS310

AGRIA

ONE AXLE TRACTORS

4800	Ruggerini CRD100P	/	01/70 -	MS390
4800 K	Ruggerini CRD100P	/	01/70 -	MS330
4900		/	10/76 - 08/78	MS392
	Ruggerini RD92/2	/	10/76 - 12/81	MS301

AGRIFULL

TRACTORS

100/DT	300,8065.06.200	/	05/85 -	MS278
110 DT	8065.05.220	/	05/86 -	MS278
140/DT	8065.25.000	/	05/85 -	MS278
235		/	03/74 -	MS391
235-C		/	03/74 -	MS391
253C		/	-	MS391
345		/	12/74 -	MS391
354C		/	-	MS391

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
AGRIFULL (continued)				
355		/	06/72 - 06/81	MS391
45 66	320,8035.06.220	/	01/85 -	MS388
45 66 DT VIGNETO	320,8035.06.220	/	01/85 -	MS388
45 66 RM DT	8035.06.321	/	01/90 -	MS388
45 DT	222,323,8035.06.220	/	02/87 -	MS388
	222,8035.06.220	/	02/87 - 05/05	MS78
	8035.06.323	/	02/87 - 01/05	MS78
50	321,8035.06.320	/	07/86 -	MS388
50 DT	8035.06.220	/	07/86 -	MS388
	8035.06.220/320/321	/	07/87 - 01/05	MS78
	8035.06.321	/	01/90 -	MS388
500 F	8035.04.378	/	09/80 - 12/83	MS78
500 V	8035.04.378	/	09/80 - 12/83	MS78
55	8035.06.306	/	03/85 - 12/89	MS388
	8035.06.307	/	01/90 -	MS388
55 C-VIGNETO	8035.06.206/208/222/306	/	03/85 - 05/05	MS78
	8035.06.208	/	03/85 -	MS388
	8035.06.308	/	03/85 - 12/89	MS388
	8035.06.309	/	01/90 -	MS388
55 DT	8035.06.206	/	03/85 -	MS388
	8035.06.206/208/222/306	/	03/85 - 05/05	MS78
55 FRUTTETO	8035.06.206/208/222/306	/	03/85 - 05/05	MS78
55 FRUTTETO DT	8035.06.222	/	04/85 - 12/89	MS388
	8035.06.323	/	01/90 -	MS388
55 VIGNETO	8035.06.222	/	04/85 -	MS388
55 VIGNETO DT	8035.06.222	/	06/87 -	MS388
55.85/M/V	8035.06.208	/	09/92 -	MS388
55.86F/V	223,8035.06.222	/	09/92 -	MS388
570 F/V	Fiat-8035.04.378	/	09/80 - 12/83	MS388
60		/	06/72 - 06/81	MS391
60 C	8035.05.206	/	03/85 -	MS388
	8035.05.206/306/208/307/308	/	03/85 - 01/06	MS78
60 CL	8035.05.206/306/208/307/308	/	03/85 - 01/06	MS78
	8035.05.306	/	03/85 - 12/89	MS388
	8035.05.307	/	01/90 -	MS388
60 DT	306,8035.05.206	/	01/91 -	MS388
	8035.05.206/306/208/307/308	/	03/85 - 01/06	MS78
60 DT FRUTETO	8035.05.206/306/208/307/308	/	03/85 - 01/06	MS78
60 DT FRUTTETO	8035.05.308	/	03/85 - 12/89	MS388
	8035.05.309	/	01/90 -	MS388
60 FRUTTETO	8035.05.208	/	03/85 -	MS388
60 LM	306,8035.05.206	/	09/87 - 12/90	MS388
	8035.05.206/306/208/307/308	/	03/85 - 01/06	MS78
60.85 F/V	309,8035.05.208	/	09/92 -	MS388
60.86 F/V	309,8035.05.208	/	09/92 -	MS388
65	8045.06.320	/	03/85 - 12/89	MS195
65 DT	8045.06.220	/	03/85 -	MS195
65 LM	8045.06.321	/	01/90 -	MS195
670	Fiat-8045.02.378	/	09/80 - 12/84	MS195
70		/	03/76 -	MS391
	8045.06.206	/	10/84 -	MS195
	8045.06.307	/	01/90 -	MS195
70 C	8045.06.306	/	03/85 - 12/89	MS195
	8045.06.307	/	01/90 -	MS195
70 C-L	8045.06.206	/	03/85 -	MS195
70 DT FRUTTETO	8045.06.208	/	03/85 -	MS195
70 FRUTTETO	8045.06.308	/	03/85 - 12/89	MS195
	8045.06.309	/	01/90 -	MS195
70.86F/V	309,8045.06.208	/	09/92 -	MS195
80	306,8045.05.206	/	10/84 - 12/89	MS195
	307,8045.05.207	/	01/90 -	MS195
	VM-1054SV	/	06/74 -	MS391
80 C	306,8045.05.206	/	03/85 - 12/89	MS195
	307,8045.05.207	/	01/90 -	MS195
80 DTF	8045.05.308	/	09/86 - 12/89	MS195
	8045.05.309	/	01/90 -	MS195
80 F	8045.05.208	/	09/86 - 12/89	MS195

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
	8045.05.209	/	01/90 -	MS195
80.105	VM-1056SU	/	04/81 - 12/84	MS194
80.46	8035.02.276	/	03/84 - 12/84	MS388
				MS78
80.56	8035. 04.376	/	04/84 - 12/84	MS78
	8035.04.376	/	04/84 - 12/84	MS388
	MWM-D227-3	/	04/82 - 06/83	MS313
80.56DT	MWM-D227-3	/	04/82 - 06/83	MS313
80.66	8045.02.276	/	03/84 - 12/84	MS195
	MWM-D225.4	/	04/82 - 06/83	MS353
80.66DT	MWM-D225.4	/	04/82 - 06/83	MS353
80.70C	Fiat-8045.02.211	/	09/80 - 03/83	MS195
80.70F	Fiat-8045.02.278	/	09/80 - 12/84	MS195
80.76	8045.04.276	/	03/84 - 12/84	MS195
	MWM-D227.4	/	04/82 - 06/83	MS353
80.76DT	MWM-D227.4	/	04/82 - 06/83	MS353
82.86F	309.8045.05.208	/	06/92 -	MS195
90/DT	8055.05.200	/	05/85 -	MS278
A 70 LM	307,8045.06.206	/	01/90 -	MS195
DERBY 60		/	-	MS391
GRISPO 75		/	-	MS391
JOLY		/	-	MS391
RODEO 90		/	-	MS391
SPRINT 345		/	-	MS391
TORNADO 80		/	-	MS391

AGRITECH

FARM EQUIPMENT

1030	BTD 22T 2cyl.	/	01/87 - 07/95	MS4
			04/08 -	MS4
1050 D	BTD 33T 3cyl.	/	07/87 - 12/99	MS4
1050 DHT	BTD 40T 3cyl.	/	05/08 -	MS4
1051 DHT	BTD 40T 3cyl.	/	07/87 - 12/99	MS4
1175	4TNV 98XAT 4cyl. 75HP	/	06/07 -	MS4
1175 SUPER E.	4TNV 98XAT 4cyl. 75HP	/	06/07 -	MS4
1175-4SR	4TNV 98XAT 4cyl. 75HP	/	06/07 -	MS4
1185S	4TNV 98XAT 4cyl. 75HP	/	-	MS4

AHLMANN

LOADERS

A 69	KHD-F4L912	/	06/68 - 12/74	MS386
				MS613
AF10	KHD-F4L912	/	06/68 - 12/80	MS386
				MS613
AF16		/	06/72 - 03/78	MS577
AF60E	D2011 L03	/	-	MS28
	F3L1011F	/	-	MS30
AK 25	DAF-DU825	/	06/67 - 03/73	MS573
AK 40	DAF-DKA1160	/	06/67 - 03/73	MS491
				MS706
AL 100	BF4L2011	/	-	MS27
				MS641
	F4L2011	/	-	MS30
AL 100T	F4L2011	/	-	MS211
				MS30
AL 100T/TI	F4L2011	/	-	MS211
				MS30
AL 70	F4L1011F	/	-	MS30
AL 70E	F4L2011	/	-	MS30
AL 80	F4L2011	/	-	MS30
AL 85T	F4L2011	/	-	MS30
AR 65	Hatz 1D41S	/	-	MS140
AS	BF4L1011FT	/	-	MS30
	F3L1011F	/	-	MS30
AS 11	BF4M1012EC	/	-	MS68
AS 11S	BF4L1012EC	/	-	MS68
AS 14	BF4M1012E	/	-	MS68
	BF4M1012EC	/	-	MS68

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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AHLMANN (continued)

AS 150	BF4M2012C	/	-	MS232 MS613
AS 45	F3L1011F	/	-	MS30
AS 50	F3L1011F	/	-	MS30
AS 70	BF4L1011FT	/	-	MS30
AS 85T	BF4L1011FT	/	-	MS30
AS 90	BF4L1011FT	/	-	MS30
AS12	KHD-F6L912	/	07/82 -	MS577
AS150E	TCD2012 L04 2V	/	-	MS66
AS16	KHD-F6L413V	/	06/72 - 12/74	MS493 MS669
AS210	BF6M2012C	/	-	MS613 MS66
AS210E	TCD2012 L06 2V	/	-	MS70
AS50	D2011 L03i	/	-	MS28
AS7	KHD-F4L912	/	06/68 - 12/79	MS386 MS613
AX100	4024HF295A	/	-	MS221
AX1000	4-cyl,4024FH295B,49kW	/	-	MS221
AX70	4-cyl,4024FF295A,46kW	/	-	MS221
AX700	4-cyl,4024FF295A,46kW	/	-	MS221
AX850	4-cyl,4024FH295A,46kW	/	-	MS221
AZ150E	TCD2012 L04-2V	/	-	MS613 MS66
AZ4	F3L1011F	/	-	MS30
AZ45	F3L1011F	/	-	MS30
AZ6	BF4L1011	/	-	MS30
AZ85T	BF4L1011FT	/	-	MS28
AZ90T	BF4L2011	/	-	MS67
	TCD2011 L04W	/	-	MS28

ATLAS (WEYHAUSEN)

LIFT TRUCKS

180MH	TCD2012 L04 2V	/	02/73 - 12/86	MS613 MS66
	TCD2012 L06 2V	/	-	MS66
200MH	TCD2012 L04 2V	/	03/73 - 12/86	MS613 MS66
	TCD2012 L06 2V	/	-	MS70
350MH	TCD2013 L06 2V	/	-	MS70
400MH	1 L6,238PS,TCD6,Tier 4i	/	-	MS70
520MH	TCD2013 L06 2V	/	-	MS66

WHEEL LOADERS

AR 105	1 L4,105kW,TCD 4,Tier 4i	/	-	MS65
AR 105 E	1 L4,105kW,TCD 4,Tier 4i	/	-	MS65
AR 30	24,6kW,Perkins 403D-15	/	-	MS86
AR 35	24,6kW,Perkins 403D-15	/	-	MS86
AR 35 SUPER	24,6kW,Perkins 403D-15	/	-	MS86
AR 40	29,4kW,Perkins 403D-15	/	-	MS86
AR 51 BE	KHD-F3L912	/	01/80 - 12/84	MS277
AR 61 A	KHD-F3L912	/	01/80 - 12/84	MS277
AR 70	KHD-F4L912	/	08/78 - 08/82	MS220
			09/82 - 12/84	MS277
AR 95 E SUPER	1 L4,95kW,TCD 4,Tier 4i	/	-	MS65
D3152		/	01/70 - 01/75	MS347

ATLAS COPCO

SPECIAL EQUIPMENT

BOOMER XE3	173kW,TCD2013 L06 2V,Tier 3	/	05/79 - 08/82	MS66
QLT H40	3-cyl,4kW8,Perkins 403D-11G	/	05/79 - 12/79	MS86
SIMBA 1350 ELECTR. DIR. SYST.	F5L 912 W	/	08/69 - 12/79	MS493 MS669

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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BAUTZ

COMBINES

COMMODORE		/	01/68 - 12/72	MS190
T600		/	01/68 - 12/72	MS190

BCS

TRACTORS

270	3LD510	/	03/92 -	MS359 MS636
303	3LD450	/	03/92 -	MS359 MS636
	3LD510	/	03/92 -	MS359 MS636
	ADN 45	/	06/78 -	MS359 MS636
	ADN45	/	02/95 -	MS252
400	25,5kW,LDW 1404 FOCS	/	-	MS455
603	LOMB.-6LD400	/	03/92 -	MS359 MS636
622	ADN 45	/	01/68 -	MS359 MS636
	ADN45	/	02/95 -	MS252
701	3LD510	/	03/92 -	MS359 MS636
	ADN 45	/	12/75 - 12/85	MS359 MS636
705	RD 901	/	06/72 - 12/78	MS359 MS636
715	6 LD 400	/	12/72 - 10/91	MS359 MS636
735	6LD400	/	03/92 -	MS359 MS636
	ADN 37	/	06/78 - 12/87	MS359 MS636
	RD 81	/	06/78 - 12/80	MS359 MS636
737	6 LD 400	/	01/89 -	MS359 MS636
745	3LD510	/	03/92 -	MS359 MS636
	ADN 54 W	/	01/84 -	MS359 MS636
	ADN54W	/	02/95 -	MS252
750 POWERSAFE	0kW,9,Lombardini 3LD510	/	-	MS359 MS636
	Lombardini 3LD510	/	-	MS359 MS636
755	3 LD 510	/	12/85 - 12/86	MS359 MS636
	RD 901	/	12/85 - 12/86	MS359 MS636

BELARUS

TRACTORS

1005 TURBO	MMZ D-245 S	77 / 105	-	MS185
1021		77 / 105	-	MS360
1021.3		81 / 110	-	MS360
1021.4		81 / 110	01/13 -	MS185
1021.4-10/91	MMZ D-245 S3A	81 / 110	-	MS286
1025	MMZ D-245	74 / 100	-	MS185
1025.3		81 / 110	01/04 -	MS185
1025.4		81 / 110	01/13 -	MS202
1025.4 T	D-245 S2	77 / 105	01/08 -	MS185
1025.4-10/91	MMZ D-245 S3A	81 / 110	-	MS360
1025.4-10/99	TCD2012 L04-2V C3UT83	80 / 108	-	MS360
1025.5, 1025.6		81 / 110	-	MS411

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
BELARUS (continued)				
1025XL	MMZ D-245	/	-	MS650
1220.3	122HR4-cyl,D-245 S2	/	-	MS185
	122HR4-cyl,MMZ D-245.252	/	-	MS360
	D-245 S2	/	-	MS185
	MMZ D-245.252	/	-	MS360
1220.4	122HR4-cyl,D-245.253	/	-	MS185
	MMZ D-245.253	/	-	MS185
1221 TURBO	130HR2,6-cyl,D-260	/	01/94 -	MS286
1221.2	130HR6-cyl,MMZ D-260.2	/	-	MS286
1221.2-51.55	130HR6-cyl,MMZ D-260.2	/	-	MS286
1221.3 T	130HR6-cyl,D-260.2 S2	/	01/04 -	MS286
	130HR6-cyl,MMZ D-260.2	/	-	MS286
1221.4	142HR6-cyl,TCD 2012 L06 2V	/	01/08 -	MS210
1221.4-10/91	136HR6-cyl,MMZ D-260.2 S3A	/	01/08 -	MS286
1221.4-10/99	136HR6-cyl,MMZ D-260.2 S3A	/	01/08 -	MS286
1221.T2	130HR6-cyl,MMZ D-260.2	/	-	MS286
1221V.2	130HR6-cyl,MMZ D-260.2	/	-	MS286
1221V.2-51.55	130HR6-cyl,MMZ D-260.2	/	-	MS286
1222.3 T	130HR6-cyl,D-260.2 S2	/	01/02 -	MS286
1222.4-10/91	136HR6-cyl,MMZ D-260.2 S3A	/	01/08 -	MS286
1222.4-10/91-17/210	136HR6-cyl,MMZ D-260.2 S3A	/	01/08 -	MS286
124 D	Ruggerini-RF 120	/	01/86 -	MS359
				MS636
124D	LOMB.-3LD450	/	03/92 -	MS359
				MS636
1522	6-cyl,MMZ D-260.6	/	-	MS360
1522 T	155HR6-cyl,D-260.1 S2	/	01/99 -	MS286
1523	153HR6-cyl,MMZ D-260.15	/	02/19 -	MS286
1523 V	153HR6-cyl,MMZ D-260.15	/	-	MS286
1523.3 T	158HR6-cyl,MMZ D-260.152	/	01/06 -	MS286
1523.4-10/91	158HR6-cyl,MMZ D-260.153A	/	-	MS286
1523.4-10/91-17/210	158HR6-cyl,MMZ D-260.4S3A	/	-	MS286
1523.4-10/99	TCD2012 2V L06 C3VT104	/	01/07 -	MS210
1523.5	D-260.1S3B	/	01/13 -	MS286
2022.3	212HR6-cyl,MMZ D-260.4 S2	/	01/06 -	MS286
2022.4-10/91	212HR6-cyl,MMZ D-260.4S3A	/	-	MS286
2022.4-10/99	228HR6-cyl,TCD2013 2V L06	/	01/07 -	MS210
250	D21A1	18 / 25	01/79 - 01/95	MS320
2822 DC	278HR,BF06M 1013FC	/	01/07 -	MS210
300		/	01/95 - 01/96	MS320
3022 DC	303HR,BF06M1013FC 6-Cyl	/	01/07 -	MS210
320.4	LDW1603/B3	27 / 36	01/13 -	MS252
320.5	LDW1603/B3	27 / 36	01/13 -	MS252
323.5	D-245.5S3B	/	01/13 -	MS202
		81 / 110	01/13 -	MS202
3522	355HR,TCD 2013 L06	/	01/09 -	MS210
	6-cyl,BF06M1013FC	/	-	MS210
400	D144	/	-	MS320
405	D144	40 / 55	01/83 - 12/90	MS320
406	D144	40 / 55	01/90 - 12/97	MS320
420	4 cyl.	/	-	MS320
422		37 / 49	01/08 -	MS441
425	4-cyl,55HRD144	/	01/83 - 12/90	MS320
426	4-cyl,58HRD144	/	01/90 - 12/97	MS320
500	MMZ D-60	48 / 65	01/79 - 12/91	MS185
505	65HR,MMZ D-60 4-cyl	/	01/79 - 12/91	MS185
506	4-cyl,65HR,MMZ D60	/	01/89 - 12/96	MS185
510/E, 512E	4-cyl,57HR,MMZ D-244	/	-	MS185
5111	4-cyl,55HP	/	-	MS185
5145	4-cyl,55HP	/	-	MS185
520,522	4-cyl,62HR,MMZ D-242	/	-	MS185
525	4-cyl,65HR,MMZ D-60	/	01/79 - 12/91	MS185
526	4-cyl,65HR,MMZ D60	/	01/89 - 12/96	MS185
530,532	MMZ D-244	/	01/94 - 12/96	MS185
550/E,552/E	4-cyl,57HR,MMZ D-244	/	01/90 -	MS185
560	4-cyl,65HR,MMZ D-60	/	01/92 - 12/96	MS185

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
562	4-cyl,65HR,MMZ D-60	/	01/92 - 12/96	MS185
570		46 / 63	01/92 -	MS185
572		46 / 63	01/92 -	MS185
590,592	4-cyl,62HR,MMZ D-242	/	01/95 -	MS185
622		46 / 63	01/08 -	MS441
80.1	4-cyl,82HR,MMZ D-243	/	-	MS360
80/X	4-cyl,80HR,MMZ D-243	/	01/76 -	MS185
	MMZ D-243	/	01/76 -	MS185
800/M	4-cyl,81HR,MMZ D-243	/	01/79 - 12/96	MS185
802	81HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
805	81HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
82.1	4-cyl,82HR,MMZ D-243	/	-	MS185
	MMZ D-243	/	-	MS185
82.3	4-cyl,82HR,MMZ D-243C	/	-	MS185
	MMZ D-243C	/	-	MS185
82.3-23/12	4-cyl,82HR,MMZ D-243C	/	-	MS185
	MMZ D-243C	/	-	MS185
820	4-cyl,81HR,MMZ D-243	/	01/77 - 12/96	MS185
820,820R	4-cyl,82HR,MMZ D-243	/	-	MS185
820.4		/	01/14 -	MS185
822	81HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
825/R	81HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
826	4-cyl,82HR,MMZ D-243	/	01/88 - 12/98	MS185
826 TURBO	100HR,4-cyl,D243	/	01/88 - 12/98	MS185
890 TURBO	90HR,MMZ D-245.5	/	-	MS185
892		65 / 88	01/00 -	MS185
892.2		66 / 90	01/01 -	MS360
90	4-cyl,90HR,MMZ D-243.1	/	-	MS185
	MMZ D-243.1	/	-	MS185
900	4-cyl,81HR,MMZ D-243	/	01/77 - 12/96	MS185
900S	MMZ D-243	/	-	MS185
902	100HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
905	100HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
92	4-cyl,90HR,MMZ D-243.1	/	-	MS185
	MMZ D-243.1	/	-	MS185
920	4-cyl,81HR,MMZ D-243	/	01/94 - 12/96	MS185
920.3	4-cyl,84HR,MMZ D-245.43 S3A	/	-	MS185
920.3-70	4-cyl,84HR,MMZ D-245.43 S3A	/	-	MS185
920.3A	MMZ D-245	/	-	MS185
920.4	4cyl,84hp,D-245.43S3A	/	01/13 -	MS185
920.4-10/91	4-cyl,84HR,MMZ D-245.43 S3A	/	01/08 -	MS185
	TCD2012 L04-2V C3UT72	/	-	MS446
920.4-10/99	86HR,TCD2012 L04-2V C3UT63	/	-	MS446
921.3	4-cyl,945HR,MMZ D-245.5 S2	/	-	MS360
922,950,952	4-cyl,89HR,MMZ D-245.5	/	01/94 -	MS185
922.3	4-cyl,94HR,MMZ D-245.5 S2	/	-	MS360
922.4		70 / 95	01/13 -	MS185
				MS650
922.5	4cyl,95hp,D-245.5S3B	/	01/13 -	MS185
923.3		70 / 95	01/09 -	MS185
923.4	4cyl,95hp,D-245.5S3A	/	01/13 -	MS185
923.4-10/99	4-cyl,94HR,MMZ D-245.5 S3A	/	-	MS286
923.5, 923.6		70 / 95	01/13 -	MS202
925	100HR,MMZ 4-cyl	/	01/77 - 12/96	MS360
925.4	4-cyl,96HR,MMZ D-245 S3A	/	-	MS185
950S	MMZ D-243	/	-	MS185
952.2	4-cyl,57HR,MMZ D-242	/	-	MS185
	4-cyl,88HR,MMZ D-245.5	/	-	MS360
952.2-70	4-cyl,88HR,MMZ D245.5	/	-	MS185
952.3 T	4-cyl,91HR,D-245.5 S2	/	-	MS185
952.4-10/91	4-cyl,94HR,MMZ D-245.43 S3A	/	01/08 -	MS185
952.4-10/99	98HR,TCD2012 L04-2V C3UT63	/	-	MS446
952.5	D-245.5S3B	/	01/13 -	MS185
952S	MMZ D-243	/	-	MS185
952XL	MMZ D-243	/	-	MS185
GOLFMASER	2 cyl.	/	-	MS320
T 40	4 cyl.	/	-	MS320
T 42B	4 cyl.	/	-	MS320
TRACTORS FOR EXPORT		/	-	MS87

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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BELL

BACKHOE LOADER

310SG	J. Deere 4045	/	06/89 -	MS94
315SG	J. Deere 4045	/	07/87 - 06/90	MS94

BENFRA

WHEEL LOADERS

1.05	Aifo-8131101	/	05/81 -	MS187
1.15	Aifo-80351002	/	01/80 - 12/84	MS389
	Iveco 8031 I 005	/	05/81 - 05/85	MS78
	Iveco 8031 I 05.00	/	07/85 -	MS78
	Iveco-80311005	/	06/86 -	MS388
	Iveco-8031105.00	/	01/86 -	MS388
1.25	Aifo-80311002	/	07/86 - 06/91	MS389
	Aifo-8031105	/	01/89 -	MS387
1.35	Aifo-80411002	/	04/83 - 06/85	MS389
	Aifo-8041105	/	07/85 -	MS387
1.45	Aifo-80415125	/	02/85 - 04/87	MS195
215	Aifo-80311002	/	01/89 - 04/91	MS195
	Aifo-8031105	/	06/86 - 04/88	MS387
315	Aifo-80411002	/	12/87 -	MS389
	Aifo-8041105	/	12/87 -	MS387
4.08	Aifo-8041105	/	11/81 - 02/86	MS387
4.10	Aifo-8051105	/	01/86 - 06/91	MS387
4.11	Aifo-80415125	/	01/86 - 06/91	MS195
4.12	Aifo-80611005	/	01/86 -	MS387
415 IB	Aifo-8051105.00	/	04/81 - 02/86	MS387
515 I	Aifo-80611000	/	01/86 -	MS387
	Aifo-80611005	/	10/85 - 04/91	MS387
8531	Aifo-80411002	/	01/75 - 01/81	MS389
9531	Aifo-80511000	/	01/81 - 12/82	MS387

BERTOLINI

TRACTORS

303	Acme-ADN 45	/	06/78 - 12/86	MS359
				MS636
306	Lomb.-530	/	01/80 - 12/81	MS359
				MS636
	Lomb.-6 LD 360	/	01/80 - 04/91	MS359
				MS636
308	Lomb.-6 LD 360	/	12/81 - 06/91	MS359
				MS636
	Lomb.-LDA 530	/	06/80 - 12/81	MS359
				MS636
310S	LOMB.-3LD510	/	03/92 -	MS359
				MS636
	Ruggerini CRD100	/	01/69 - 12/84	MS330
	Ruggerini RD901	/	10/69 - 12/85	MS301
				MS636
	Ruggerini-RF 130	/	01/86 -	MS359
				MS636
312	Acme-ADN 37/2	/	07/90 -	MS359
				MS636
	LOMB.-6LD360	/	03/92 -	MS359
				MS636
315	Lomb.-3 LD 510	/	07/71 - 07/89	MS359
				MS636
	Lomb.-LDA 3 LD 450	/	01/70 - 07/89	MS359
				MS636
	Ruggerini-RD 901	/	01/70 - 03/83	MS359
				MS636
	Ruggerini-RD 920	/	01/70 - 03/83	MS359
				MS636
318	Lomb.-3 LD 450	/	01/89 - 12/91	MS359
				MS636
	LOMB.-3LD510	/	03/92 -	MS359

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
408	6LD360	/	03/92 -	MS636 MS359
740	Slanzi-DVA1750	/	01/87 -	MS636 MS190

BRAEUTIGAM

FARM EQUIPMENT

TYP 125-40	140kW,TCD2012,Tier III	/	-	MS65
	TYP 125-40	/	-	MS65
TYP 125-50	140kW,TCD2012,Tier III	/	-	MS65
TYP 150-40	155kW,TCD2012,Tier III	/	-	MS65
	TCD2012	/	-	MS65
TYP 160-40	1 L6,180kW,TCD6,Tier 3b	/	-	MS65
TYP 165-40	1 L6,180kW,TCD6,Tier 3b	/	-	MS65
	173kW,TCD2013,Tier III	/	-	MS65
	TCD2013	/	-	MS65
TYP 200-40	200kW,TCD2013,Tier III	/	-	MS65
	250kW,8 L6,TCD7,Tier 3b	/	-	MS65

BUEHRER

TRACTORS

20	/		01/71 - 01/73	MS357
			01/72 - 01/73	MS346
OS 13	/		01/71 - 01/78	MS267

CARRARO

TRACTORS

100		74 / 101	10/10 -	MS168
3100-4 POMAREIROVINHATEIRO	F3L912	/	-	MS220
3300-4 POMAREIROVINHATEIRO	F3L913	/	-	MS220
3400-4 POMAREIROVINHATEIRO	F4L912	/	-	MS220
3500-4 POMAREIROVINHATEIRO	F4L913	/	-	MS220
425	/		01/67 - 09/78	MS309
430	/		06/73 - 07/78	MS309
5.1000 AGRIX	F3L912	/	03/92 -	MS220
5.1000 FRUTTETO	F3L912	/	03/87 -	MS220
5.1000 FRUTTETO BASSO	F3L912	/	03/91 -	MS220
5.1000 STANDARD	F3L912	/	03/87 -	MS220
6.1000 AGRIX	F3L913	/	03/92 -	MS220
6.1000 FRUTTETO	F3L913	/	03/87 -	MS220
6.1000 FRUTTETO BASSO	F3L913	/	03/91 -	MS220
6.1000 STANDARD	F3L913	/	03/87 -	MS220
652	430	/	06/74 - 07/78	MS309
654	430	/	06/74 - 07/78	MS309
655 CL	430	/	06/73 - 11/81	MS309
7.1000 AGRIX	F4L912	/	03/92 -	MS220
7.1000 FRUTTETO BASSO	F4L912	/	03/91 -	MS220
7.1000 FRUTTETO	F4L912	/	03/87 -	MS220
7.1000 STANDARD	F4L912	/	03/87 -	MS220
70, 80		53 / 72	10/10 -	MS168
702	430	/	06/73 - 07/78	MS309
704	430	/	06/73 - 07/78	MS309
8.1000 AGRIX	F4L913	/	03/92 -	MS220
8.1000 FRUTTETO	F4L913	/	03/87 -	MS220
8.1000 FRUTTETO BASSO	F4L913	/	03/91 -	MS220
90		65 / 88	10/10 -	MS168
SERIE 320	/		-	MS301

CARRARO ANTONIO

TRACTORS

100F/VL	NEF EURO 3 A	/	01/13 -	MS168
15 TIGRE		/	-	MS301
625 L		/	01/69 - 09/78	MS190
625R	Ruggerini P101	/	01/70 - 09/78	MS330
635	LDA672	/	01/70 - 09/78	MS190

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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CARRARO ANTONIO (continued)

650	LDA673	/	01/73 - 09/78	MS190
6500	375	/	01/69 - 01/72	MS309
7000	425	/	01/67 - 09/78	MS309
			11/67 - 09/78	MS309
835	LDA672	/	01/73 - 09/78	MS190
850	LDA673	/	01/73 - 09/78	MS190
ATLAS 742	Ruggerini P101/2	/	01/72 - 09/78	MS330
ATLAS 750	LDA673	/	01/72 - 09/78	MS190
ERGIT TRX6500		68 / 92	01/12 -	MS449
ERGIT TTR9800		64 / 87	01/12 -	MS449
LS P7010C	F5C	/	01/13 -	MS168
LS P7040	NEF EURO 3 A	/	01/13 -	MS168
LS P7040 CPS	NEF EURO 3 A	/	01/13 -	MS168
SRG 9800	87HP,Tier 3,Yanmar 4-cyl	/	01/12 -	MS449
TGF 7800	71HP,Tier 3,Yanmar 4-Cyl	/	01/12 -	MS449
TGF 9800	87HP,Tier 3,Yanmar 4-cyl	/	01/12 -	MS449
TRACTORS		/	-	MS397
TRG 9800	Yanmar 4TMV98TZXCR	/	01/12 -	MS449
TROPICAL 750	LDA673	/	01/72 - 09/78	MS190
TRX 7800	71HP,Tier 3,Yanmar 4-Cyl	/	01/12 -	MS449
TRX 9800	87HP,Tier 3,Yanmar 4-cyl	/	01/12 -	MS449
TTR 9800	87HP,Tier 3,Yanmar 4-cyl	/	01/12 -	MS449

CASE (CNH GLOBAL)

BACKHOE LOADER

580ST	4-yl,97HFFPT434T/E	/	01/86 - 12/94	MS24
	4-yl,97HRFPT434T/E,Tier 4	/	01/86 - 12/94	MS24
590ST/SN	110HP,4-cyl,FPT434T/E,Tier4	/	-	MS24
695ST	110HP,4-cyl,FPT434T/E,Tier4	/	01/88 - 12/92	MS24

COMBINES

1620	D358/436/466	/	01/85 - 01/92	MS101
1640	D436/466	/	01/85 - 01/92	MS101
1644	All	/	01/93 - 01/95	MS101
1666	All	/	01/93 - 01/97	MS117
1668	All	/	01/93 - 01/97	MS101
1670	DT466C	/	01/89 - 01/91	MS101
1680	D436/DT466	/	01/85 - 01/92	MS101
1688		/	01/92 - 01/94	MS101
1690	DT466C	/	01/85 - 01/92	MS101
2144		/	01/94 - 01/96	MS101
2166		/	01/94 - 01/96	MS101
2188		/	01/94 - 01/96	MS101
2366		/	01/97 -	MS101
CS6080	Cummins	/	-	MS246
CS6090	Cummins	/	-	MS246

COTTON-PICKERS

1822	6-590/6-830	/	01/86 - 01/92	MS101
1844	6-590/6-830	/	01/86 - 01/92	MS101
2055	6TA-830	/	01/96 - 01/98	MS101
2155	6TA-830	/	01/96 - 01/98	MS101

CRAWLER TRACTORS

TD8B		/	01/69 - 01/76	MS272
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LOADERS

2276		/	01/89 - 01/94	MS51
380B	3-cyl	/	01/89 - 01/94	MS170
SR200	4-cyl,82,CASE 432T/M3	/	-	MS138
	CASE 432T/M3	/	-	MS138
SR250	4-cyl,90HP,CASE 432T/M3	/	-	MS138
	CASE 432T/M3	/	-	MS138
SV250	4-cyl,82HP,CASE 434T/E4	/	01/97 -	MS24
	CASE 434T/E4	/	-	MS24
SV300	4-cyl,90HP,CASE 434T/E4	/	01/97 - 12/01	MS24
	CASE 434T/E4	/	01/97 - 12/01	MS24

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
LOGGERS				
45R	DD4-71 D	/	01/89 - 01/94	MS77
50LC	DD4-71	/	01/89 - 01/94	MS77
TRACTORS				
100	101HP,4-cyl,NEF	/	01/07 -	MS138
100 U	107hp,4-cyl,FPT NEF,Tie4	/	-	MS551
1046		/	01/90 - 12/94	MS18
105 A	106HP,4-cyl,FPT	/	-	MS138
	FPT	/	-	MS138
105 C	107HP,4-cyl,FPT F5C,Tie4	/	06/13 -	MS24
	FPT F5C	/	06/13 -	MS24
105 F/N/V	106HP,4-Cyl,NEF	/	-	MS168
	NEF	/	-	MS168
105 U	107HP,4-cyl,FPT F5C,Tie3	/	01/08 -	MS24
	FPT F5C	/	01/08 -	MS24
105 U PRO	107HP,4-cyl,FPT F5C,Tie4	/	07/14 -	MS551
	FPT F5C	/	07/14 -	MS551
1056/XL		/	01/81 - 12/89	MS18
110	110HP,NEF Tier 4	/	02/12 -	MS168
	112HP,4-cyl,NEF	/	01/07 - 01/12	MS138
	NEF	/	01/07 - 01/12	MS138
	NEF Tier 4	/	02/12 -	MS168
110 CVX	110HP,NEF Tier 4	/	07/13 -	MS138
	NEF Tier 4	/	07/13 -	MS138
110 U	115HP,4-cyl,FPT NEF,Tie4	/	-	MS551
	FPT NEF	/	-	MS551
115	117HP,6-cyl,NEF,Tier 3	/	01/07 - 03/12	MS138
	NEF	/	01/07 - 03/12	MS138
115 A	113HP,4-cyl,NEF	/	-	MS138
	NEF	/	-	MS138
115 U	114HP,4-cyl,FPT F5C,Tie3	/	01/08 -	MS24
	FPT F5C	/	01/08 -	MS24
115 U PRO	114HP,4-cyl,FPT F5C,Tie4	/	07/12 -	MS551
120	121HP,NEF Tier 4	/	02/12 -	MS138
	122HP,4-cyl,NEF	/	01/07 - 12/12	MS138
	4-cyl.,FPT	/	-	MS24
	FPT	/	-	MS24
	NEF	/	01/07 - 12/12	MS138
	NEF Tier 4	/	02/12 -	MS138
120 CVX	121HP,NEF Tier 4	/	07/13 -	MS138
	NEF Tier 4	/	07/13 -	MS138
1210	195,4-219	/	01/72 - 01/81	MS51
1212	4.219	/	01/72 - 01/83	MS51
125	125HP,NEF Tier 4	/	02/12 -	MS138
	126HP,6-cyl,NEF,Tier 3	/	01/07 - 01/12	MS138
	127HP,NEF Tier 3	/	11/09 -	MS138
	NEF	/	01/07 - 01/12	MS138
	NEF Tier 3	/	11/09 -	MS138
	NEF Tier 4	/	02/12 -	MS138
1290	4-195	/	01/80 - 01/83	MS51
1294	4-219	/	01/84 -	MS51
130	130HP,NEF Tier 4	/	11/10 -	MS138
	131HP,NEF Tier 4	/	02/12 -	MS138
	132HP,4-cyl,NEF	/	01/07 - 01/12	MS138
	4-cyl.,FPT	/	-	MS24
	FPT	/	-	MS24
	NEF	/	01/07 - 01/12	MS138
	NEF Tier 4	/	02/12 -	MS138
		/	11/10 -	MS138
130 CVT	130HP,NEF Tier 4	/	11/10 -	MS138
	NEF Tier 4	/	11/10 -	MS138
130 CVX	131HP,NEF Tier 4	/	07/13 -	MS138
		/	12/10 -	MS168
	NEF Tier 4	/	07/13 -	MS138
		/	12/10 -	MS168
135	6-cyl,NEF TAA 105kW	/	05/08 -	MS138
	NEF TAA 105kW	/	05/08 -	MS138
	NEF-6-cyl	/	01/07 -	MS138
1390	4-219	/	01/80 - 01/83	MS51
1394		/	01/84 - 01/88	MS346

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
CASE (CNH GLOBAL) (continued)				
	4-219 D	/	01/83 - 01/88	MS294
140	140HR,NEFTier 4	/	02/12 -	MS138
	141HR,6-cyl,NEFTier 3	/	01/07 - 01/12	MS138
	142HR,NEFTier 3	/	11/09 -	MS138
	NEF	/	01/07 - 01/12	MS138
	NEFTier 3	/	11/09 -	MS138
	NEFTier 4	/	02/12 -	MS138
140 CVT	142HR,NEFTier 3	/	12/10 -	MS138
	NEFTier 3	/	12/10 -	MS138
1410	4-219	/	01/75 - 01/81	MS51
1412		/	01/75 - 01/81	MS51
145	146HR,NEFTier 4	/	01/11 -	MS138
	NEFTier 4	/	01/11 -	MS138
145 CVX	146HR,NEFTier 4	/	12/10 -	MS168
	NEFTier 4	/	12/10 -	MS168
1490	4-219	/	01/80 - 01/83	MS51
1494		/	01/84 - 01/87	MS346
	4-219D	/	01/83 - 01/88	MS294
150	6-cyl,NEF TAA -113kW	/	05/08 -	MS138
	NEF TAA -113kW	/	05/08 -	MS138
155	158HR,NEFTier 3	/	11/08 -	MS138
	NEFTier 3	/	11/08 -	MS138
1594		/	01/84 - 01/88	MS346
160	160HR,NEFTier 4	/	01/11 -	MS138
	NEFTier 4	/	01/11 -	MS138
160 CVT	160HR,NEFTier 4	/	12/10 -	MS138
	NEFTier 4	/	12/10 -	MS138
160 CVX	160HR,NEFTier 4	/	12/10 -	MS168
	NEF	/	12/10 -	MS168
165	167HR,NEFTier 3	/	01/07 -	MS138
	NEFTier 3	/	01/07 -	MS138
165 CVX	167HR,NEFTier 3	/	01/07 -	MS138
	NEFTier 3	/	01/07 -	MS138
1690		/	01/84 - 01/85	MS346
1694		/	01/84 - 01/87	MS346
170	167HR,NEFTier 4	/	01/11 -	MS138
	NEFTier 4	/	01/11 -	MS138
170 CVX	167HR,NEFTier 4	/	12/10 -	MS138
	NEFTier 4	/	12/10 -	MS138
180	182HR,NEFTier 3	/	01/07 -	MS138
	6-cyl,NEF TAA -135kW	/	05/08 -	MS138
	NEF TAA -135kW	/	05/08 -	MS138
	NEFTier 3	/	01/07 -	MS138
180 CVX	182HR,NEFTier 3	/	12/10 -	MS138
	NEFTier 3	/	12/10 -	MS138
1820		/	01/75 - 03/97	MS347
185	185HR,NEFTier 4	/	01/11 -	MS138
	NEFTier 4	/	01/11 -	MS138
185 CVX	185HR,NEFTier 4	/	12/10 -	MS168
	NEFTier 4	/	12/10 -	MS168
1896	6-590/6-359 Diesel	/	01/84 - 01/89	MS101
195	197HR,NEFTier 3	/	- 01/92	MS138
	NEFTier 3	/	- 01/92	MS138
195 CVX	197HR,NEFTier 3	/	01/10 -	MS138
	NEFTier 3	/	01/10 -	MS138
200	200HR,NEFTier 4	/	12/10 -	MS138
	NEFTier 4	/	12/10 -	MS138
200 CVX	200HR,NEFTier 4	/	12/10 -	MS168
	NEFTier 4	/	12/10 -	MS168
205	6-cyl.,NEF	/	-	MS138
	NEF	/	-	MS138
2055		/	01/90 -	MS101
2090	6-504 Diesel	/	01/78 - 01/88	MS101
2094		/	01/84 - 12/87	MS4
	6-504 Diesel	/	01/83 - 01/88	MS101
2096	6-359 Diesel	/	01/85 - 01/90	MS101
20E	Cummins 6BT590	/	05/96 -	MS310

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
210	213HP,NEF Tier 3	/	01/07 -	MS138
	NEF Tier 3	/	01/07 -	MS138
210 CVX	213HP,NEF Tier 3	/	01/10 -	MS138
	NEF Tier 3	/	01/10 -	MS138
2120	3-183	/	01/90 - 12/92	MS300
2130	3-183	/	01/90 - 12/92	MS300
2140	4-244	/	01/88 - 12/92	MS354
215	215HP,NEF Tier 4	/	12/10 -	MS138
	NEF Tier 4	/	12/10 -	MS138
215 CVX	215HP,NEF Tier 4	/	12/10 -	MS138
	NEF Tier 4	/	12/10 -	MS138
2150/E	4-244	/	01/90 - 12/92	MS354
220	6-cyl,Cummins MU7 220HP	/	09/06 -	MS64
	Cummins MU7 220HP	/	09/06 -	MS64
221		/	10/72 - 12/74	MS272
225	6-cyl,Cummins MU7 225HP	/	09/06 -	MS64
	Cummins MU7 225HP	/	09/06 -	MS64
225 CVX	224HP,NEF Tier 3	/	01/09 -	MS138
	NEF Tier 3	/	01/09 -	MS138
2290	6-504 Diesel	/	01/78 - 01/88	MS101
2294		/	01/84 - 12/87	MS4
	504BD/6T-590 Diesel	/	01/83 - 01/87	MS101
230 CVX	228HP,NEF Tier 4	/	12/10 -	MS168
	NEF Tier 4	/	12/10 -	MS168
235	Cummins	/	-	MS64
2388	280Hp,6-cyl,Cummins TAA 830	/	08/06 - 10/10	MS101
2390	504 Diesel	/	01/78 - 01/88	MS101
2394		/	01/84 - 12/87	MS4
	504BD/6T-590 Diesel	/	01/83 - 01/87	MS101
2399	6-cyl,Cummins TAA 325Hp	/	08/06 - 10/10	MS101
240	6-cyl,Cummins MU7 240HP	/	09/06 -	MS64
	Cummins MU7 240HP	/	09/06 -	MS64
2470	504 Diesel	/	01/79 - 01/88	MS101
250	252HP,6-cyl,Cummins,Tier 3	/	-	MS64
	6-cyl,Cummins	/	-	MS64
255	6-cyl,Cummins MU7 255HP	/	08/06 -	MS64
2590	504 Diesel	/	01/80 - 01/83	MS101
2594	504BD/6T-590 Diesel	/	01/83 - 01/87	MS101
260	Cummins	/	-	MS64
2670	504 Diesel	/	01/79 - 01/88	MS101
2688	280Hp,6-cyl,Cummins TAA 830	/	10/10 -	MS101
270	6-cyl,Cummins MU7 270HP	/	09/06 -	MS64
	Cummins MU7 270HP	/	09/06 -	MS64
2799	6-cyl,Cummins TAA 325Hp	/	10/10 -	MS101
280	6-cyl,Cummins MU7 280HP	/	09/06 -	MS64
	Cummins MU7 280HP	/	09/06 -	MS64
2870	6-674 Diesel	/	01/79 - 01/88	MS101
290	Cummins	/	-	MS64
305	6-cyl,Cummins MU7 305 HP	/	09/06 -	MS64
	Cummins MU7 305 HP	/	09/06 -	MS64
3088	D-358	/	01/85 - 01/86	MS420
310	Cummins	/	-	MS64
315	Cummins	/	-	MS64
321	D-239	/	01/86 -	MS18
3220	3-179 Diesel	/	01/94 - 01/97	MS170
3230	4-206 Diesel	/	01/94 - 01/97	MS170
3288	D-358	/	01/85 - 01/86	MS420
3294	6-504 Diesel	/	01/83 - 01/85	MS101
335	6-cyl,Cummins MU7 335HP	/	09/06 -	MS64
	Cummins MU7 335HP	/	09/06 -	MS64
3394	6-504 Diesel	/	01/85 - 01/88	MS101
340	Cummins	/	-	MS64
3594	6-504 Diesel	/	01/86 - 01/88	MS101
3688	D-466	/	01/85 - 01/86	MS420
370	Cummins	/	-	MS64
380B	3-cyl	/	-	MS170
385	3-155 Case Diesel	/	01/85 - 01/90	MS170
395	3-155 Case Diesel	/	01/91 - 01/93	MS170
4055 KOMPAKT S	4-Cyl,86HP,PPT,Tier 3	/	-	MS24
4065 KOMPAKT S	4-cyl,65HP,PPT,Tier 3	/	-	MS24

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
CASE (CNH GLOBAL) (continued)				
4085 KOMPAKT	4-cyl,86HP,FPT F5C,Tier 4	/	-	MS24
4095 KOMPAKT	4-cyl,99HP,FPT F5C,Tier 4	/	-	MS24
4095 MULTI	4-cyl,99HP,FPT F5C,Tie4	/	-	MS24
4105 KOMPAKT	107HP,4-cyl,FPT F5C,Tier 4	/	-	MS24
4105 MULTI	107HP,4-cyl,FPT F5C,Tie 4	/	-	MS24
4110 ET	143HP,4-cyl,FPT NEF	/	-	MS138
4110 PROFi CVT	110HP,4-cyl,FPT NEF	/	-	MS138
4110 PROFi/CLASIC	143HP,4-cyl,FPT NEF	/	-	MS138
4115 MULTI	114HP,FPT F5C,Tier 4	/	-	MS24
4120 PROFi	121HP,4-cyl,FPT NEF	/	-	MS138
4120 PROFi CVT	121HP,4-cyl,FPT NEF	/	-	MS138
4130 PROFi	131HP,4-cyl,FPT NEF	/	-	MS138
4130 PROFi CVT	131HP,4-cyl,FPT NEF	/	-	MS138
4210	4-239 Diesel	/	01/94 - 01/97	MS170
4230	4-268 Diesel	/	01/94 - 01/97	MS170
4240	4-268 Diesel	/	01/94 - 01/97	MS170
431	D-310	/	01/86 -	MS18
433	D-155	/	01/86 - 06/90	MS276
			01/86 - 12/92	MS276
4490	6-504 Diesel	/	01/84 - 01/88	MS101
4494	6-504 Diesel	/	01/84 - 01/87	MS101
4690	6-504 Diesel	/	01/84 - 01/88	MS101
4694	6-504 Diesel	/	01/84 - 01/90	MS101
485	3-179 Diesel	/	01/85 - 01/90	MS170
4890	6-674 Diesel	/	01/84 - 01/88	MS101
4894	6-674 Diesel	/	01/86 - 01/90	MS101
495/XL	3-179 Diesel	/	01/91 - 01/94	MS170
4994		/	01/86 - 01/90	MS101
5088	6-cyl,Cummins 6TAA-8304	/	04/08 -	MS101
	6-cyl.,Cummins 6TAA-8304	/	01/08 -	MS101
5120	4-239 Diesel	/	01/90 - 01/91	MS418
	NCE engine	/	01/89 - 01/99	MS271
5120 A	4TA-390	66 / 90	01/90 - 12/97	MS271
5130	NCE engines	/	01/88 - 01/94	MS271
5130 A	6-590	74 / 100	01/90 - 12/97	MS271
5140	NCE engines	/	01/88 - 01/94	MS271
5140 A	6T-590	81 / 110	01/90 - 12/97	MS271
5150	NCE engines	/	01/88 - 01/94	MS271
5150 A	6T-590	92 / 125	01/90 - 12/97	MS271
5220	4-239 Diesel	/	01/92 - 01/97	MS418
	NCE engines	/	01/96 - 12/96	MS271
5230	NCE engines	/	01/96 -	MS271
531	D-310	/	01/86 - 06/86	MS272
	D-358	/	01/86 - 06/86	MS272
533	D-155	/	01/86 - 06/90	MS276
533/A	D-155	/	01/86 - 12/92	MS276
540	D-155	/	01/88 - 12/93	MS276
			01/94 -	MS355
5420	NCE engines	/	01/88 - 01/94	MS271
55 C	4-cyl,56HP,FPT NEF	/	12/08 -	MS24
	FPT NEF	/	12/08 -	MS24
585/L/XL	4-206	/	- 12/90	MS170
595/XL	4-206 Case Diesel	/	01/91 - 01/94	MS170
600-SERIE		/	-	MS246
6088	6-cyl,Cummins 6TAA-8304	/	04/08 -	MS101
	6-cyl.,Cummins 6TAA-8304	/	04/08 -	MS101
633	D-179	/	01/86 - 06/90	MS276
633/A	D-179	/	01/86 - 12/90	MS276
633/A/V	D-179	/	01/86 - 12/91	MS276
640/A	D-179	/	01/94 -	MS355
			06/90 - 12/93	MS276
644/A	D-206	/	01/86 -	MS18
			01/86 - 06/86	MS272
65 C	4-cyl,60HP,FPT,Tier III	/	-	MS24
	4-cyl,65HP,FPT NEF	/	12/08 -	MS24
	FPT	/	-	MS24
	FPT NEF	/	12/08 -	MS24

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
65 V	4-Cyl,65HP,FPT	/	-	MS24
	FPT	/	-	MS24
685	4-239 Diesel	/	01/85 - 01/90	MS170
695	4-239 Diesel	/	01/91 - 01/94	MS170
7088	6-cyl,Cummins 6TAA-9004	/	04/08 -	MS101
	6-cyl.,Cummins 6TAA-9004	/	04/08 -	MS101
7110	6-505	/	01/87 - 01/93	MS101
7120	6-505	/	01/87 - 01/93	MS101
7130	6-505	/	01/87 - 01/93	MS101
7140	6-505	/	01/87 - 01/93	MS101
7210	6-505 Diesel	/	01/93 - 01/96	MS101
7220	6-505 Diesel	/	01/93 - 01/96	MS101
7230	6-505 Diesel	/	01/93 - 01/96	MS101
7240	6-505 Diesel	/	01/93 - 01/96	MS101
724A	D-239	/	04/69 - 01/74	MS272
7250	6-505 Diesel	/	01/93 - 01/96	MS101
744/A		/	02/74 - 06/84	MS272
75 C	4-cyl,75HP,FPT NEF	/	12/88 -	MS24
	4-cyl,78HP,FPT,Tier III	/	-	MS24
	FPT	/	-	MS24
	FPT NEF	/	12/88 -	MS24
75 F/N/V	4-Cyl,78HP,FPT	/	-	MS24
	FPT	/	-	MS24
785/XL		/	01/81 - 12/86	MS170
795		/	01/90 - 12/94	MS170
80 CR	D229-6	/	11/83 -	MS349
80 P	D229-6	/	11/83 -	MS349
833/A	D-239	/	01/86 - 12/90	MS276
			09/81 - 12/90	MS276
844 S/SA	D-268	/	01/86 - 12/90	MS272
844/A	D-246	/	01/86 - 12/90	MS272
844/A/S/SA	4-206-268/D-310-D385	/	01/86 - 12/90	MS18
85 A	4-cyl,72HP,FPT F5C	/	-	MS24
	FPT F5C	/	-	MS24
85 C	4-cyl,86HP,FPT F5C,Tie4	/	02/12 -	MS24
	4-cyl,86HP,NEF,Tier III	/	-	MS168
	FPT F5C	/	02/12 -	MS24
	NEF	/	-	MS168
85 F/V	4-Cyl,88HP,FPT	/	-	MS24
	4-Cyl,FPT	/	-	MS24
885/N/XL	4-268 Diesel	/	01/85 - 01/90	MS170
8930	505	/	01/96 -	MS101
895	4-268 Diesel	/	01/91 - 01/94	MS170
90 U	4-cyl,99HP,FPT NEF,Tie4	/	-	MS551
9110		/	01/86 - 01/93	MS101
9130		/	01/86 - 01/93	MS101
9210		/	01/90 - 01/96	MS101
9230		/	01/90 - 01/96	MS101
9240		/	01/90 - 01/96	MS101
9310		/	01/95 - 12/00	MS101
9330		/	01/95 - 12/00	MS101
95 A	4-cyl,95HP,FPT NEF	/	-	MS138
	FPT NEF	/	-	MS138
95 C	4-cyl,97HP,NEF,Tier III	/	-	MS168
	4-cyl,99HP,FPT F5C,Tie4	/	02/12 -	MS551
	FPT F5C	/	02/12 -	MS551
	NEF	/	-	MS168
95 F/N/V	4-Cyl,97HP,NEF	/	-	MS138
	NEF	/	-	MS138
95 U	4-cyl,99HP,FPT F5C,Tie3	/	01/08 -	MS24
	FPT F5C	/	01/08 -	MS24
95 U PRO	4-cyl,99HP,FPT F5C,Tie4	/	07/12 -	MS551
	FPT F5C	/	07/12 -	MS551
995	4-268D	/	01/91 - 01/94	MS152
ACCO1820		/	01/75 - 03/97	MS347
C 100	4-244 Diesel	/	01/98 - 01/99	MS395
C 50	3-165 Diesel	/	01/98 -	MS21
C 55	MWM	/	02/92 - 07/97	MS394
C 60	3-165 Diesel	/	01/98 -	MS21
C 64	MWM	/	02/92 - 07/97	MS394

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
CASE (CNH GLOBAL) (continued)				
C 70	MWM	/	01/92 - 12/99	MS395
C 80	4-244 Diesel	/	01/98 - 01/99	MS395
C 90	4-244 Diesel	/	01/98 - 01/99	MS395
CS 105 PRO	102HP,4-cyl,Sisu	/	01/08 -	MS175
CS 110	4-cyl,Sisu Diesel	/	01/04 -	MS175
	4cyl.Turbo,Sisu 420.85	/	01/97 - 12/03	MS235
CS 120	Sisu 420.85	/	01/97 - 12/03	MS235
	Sisu Diesel	/	01/04 -	MS175
CS 130	6cyl.Turbo,Sisu 620.92	/	01/97 - 12/03	MS91
CS 150	6-cyl,Sisu Diesel	/	01/04 -	MS175
CS 48		/	02/97 - 01/01	MS206
CS 52		/	02/97 - 03/04	MS206
CS 58		/	01/01 - 03/04	MS206
CS 63		/	01/01 - 03/04	MS206
CS 660	209kW,6-cyl,Cummins 8.3 TAA	/	05/04 -	MS486
	Cummins 8.3 TAA	/	05/04 -	MS486
CS 68	3-cyl,MWM	/	05/97 - 03/99	MS394
	3cyl.Turbo,Sisu 320.80	/	01/98 - 12/04	MS21
				MS235
	Sisu 320.80	/	01/98 - 12/04	MS21
CS 75	3cyl.Turbo,Sisu 320.81	/	01/98 - 12/04	MS235
				MS314
	3-cyl,MWM	/	01/97 - 03/99	MS394
	Sisu 320.81	/	01/98 - 12/04	MS235
CS 78	4-cyl,MWM	/	06/97 - 03/99	MS394
	4cyl.Turbo,Sisu 420.81	/	01/98 - 12/03	MS315
CS 80 PRO	Sisu Diesel	/	10/07 -	MS175
				MS235
CS 85 PRO	4-cyl,85HP,Sisu	/	01/08 -	MS175
CS 86	MWM	/	03/96 - 03/99	MS394
	Sisu Diesel	/	01/99 - 01/04	MS235
CS 94	4-cyl,MWM	/	- 01/99	MS394
	4cyl.Turbo,Sisu 420.83	/	01/98 - 12/04	MS315
CS 95 PRO	4-cyl,93HP,Sisu	/	01/08 -	MS175
	Sisu Diesel,Tier 3	/	01/08 -	MS175
CVX 1135	Sisu Diesel	/	01/03 -	MS175
CVX 1145	Sisu Diesel	/	01/03 -	MS175
CVX 1155	Sisu Diesel	/	01/03 -	MS175
CVX 1170	Sisu Diesel	/	01/03 -	MS175
CVX 1190	Sisu Diesel	/	01/03 -	MS175
CVX 1195	Sisu Diesel	/	01/03 -	MS175
CVX 120	Sisu Diesel	/	01/00 - 05/03	MS175
CVX 130	Sisu Diesel	/	07/00 - 05/03	MS175
CVX 140	141HP,6-cyl,Sisu 620.60	/	01/07 - 12/09	MS175
CVX 150	150HP,6cyl.Turbo,Sisu	/	01/00 - 05/03	MS175
	Sisu	/	01/00 - 05/03	MS175
CVX 160	160HP,6-cyl,Sisu 620.62	/	01/07 - 12/09	MS175
	Sisu 620.62	/	01/07 - 12/09	MS175
CVX 170	170HP,6cyl.Turbo,Sisu 620.90	/	01/00 - 12/03	MS175
	Sisu 620.90	/	01/00 - 12/03	MS175
CVX 175	Sisu Diesel	/	07/07 -	MS175
CVX 190	196HP,6-cyl,Sisu	/	01/07 -	MS175
CVX 195	Sisu Diesel	/	01/07 -	MS175
CX 100	G4.0T,Perkins G4.0	/	01/98 - 12/00	MS315
CX 50	3cyl.,903.27	/	01/98 - 12/00	MS314
CX 60	3cyl.Turbo,903.27	/	01/98 - 12/00	MS314
CX 70	G4.0T,Perkins G4.0	/	01/97 - 12/00	MS315
CX 80	G4.0T,Perkins G4.0	/	01/98 - 12/00	MS315
CX 90	G4.0T,Perkins G4.0	/	01/98 - 12/00	MS315
EP 125	127HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 130 CVX	131HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 140	142HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
EP 145 CVX	146HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 155	158HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 160	160HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 160 CVX	160HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 170	167HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 170 CVX	167HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 185	185HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 185 CVX	185HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 200	200HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 200 CVX	200HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 215	215HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 215 CVX	215HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
EP 230 CVX	228HP,NEF Tier 4	/	-	MS138
	NEF Tier 4	/	-	MS138
H 30B		/	01/75 - 01/76	MS272
H 50B		/	04/73 - 01/79	MS272
H 60B		/	10/71 - 06/84	MS272
JX 1070 C/N/U	Iveco	/	12/03 -	MS78
JX 1075 C/N/U	Iveco	/	10/03 -	MS78
JX 1080 U	NEF	/	01/04 -	MS168
JX 1085 C	NEF	/	10/05 -	MS168
JX 1095 C/N/U	NEF	/	10/05 -	MS207
JX 60	4-cyl,60HP,NEF F5C	/	01/09 -	MS24
	NEF F5C	/	01/09 -	MS24
JX 65	4-cyl,NEF F5c	/	-	MS78
JX 70	4-cyl,72HP,NEF F5C	/	01/08 -	MS24
	NEF F5C	/	01/08 -	MS24
JX 80	4-cyl,82HP,NEF F5C	/	01/08 -	MS24
	NEF F5C	/	01/08 -	MS24
JX 90	4-cyl,88HP,NEF	/	01/08 -	MS168
	NEF	/	01/08 -	MS168
JX 95	4-cyl,95HP,NEF	/	01/08 -	MS168
	NEF	/	01/08 -	MS168
JXU 105	106HP,4-cyl,NEF F4C	/	01/08 -	MS168
	4-cyl,NEF F4C	/	01/08 -	MS168
JXU 115	113HP,4-cyl,NEF F4C	/	01/08 -	MS138
	NEF F4C	/	01/08 -	MS138
JXU 75	4-cyl,76HP,NEF F4C	/	01/08 -	MS138
	NEF F4C	/	01/08 -	MS138
JXU 85	4-cyl,86HP,NEF F4C	/	01/08 -	MS168
	NEF F4C	/	01/08 -	MS168
JXU 95	4-cyl,97HP,NEF F4C	/	01/08 -	MS168
	NEF F4C	/	01/08 -	MS168
MC 100	4TWG	/	-	MS315
MC 80	4T	/	-	MS315
MC 90	4WTG	/	-	MS315
MC100	Perkins 4TWG	/	-	MS395
MC70		/	-	MS395
MC80	Perkins 4-cyl	/	-	MS395
MC90	Perkins 4TWG	/	-	MS395
MX100	6-359 Diesel	/	01/97 - 01/99	MS395
MX110	6-359 Diesel	/	01/97 - 01/99	MS395
MX120	6-359 Diesel	/	01/97 - 01/99	MS294
MX135	6-359 Diesel	/	01/97 - 01/99	MS294
MXM 120		/	01/02 -	MS25
MXM 130		/	01/02 -	MS25
MXM 140		/	01/02 -	MS25
MXM 155		/	01/02 -	MS25

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
CASE (CNH GLOBAL) (continued)				
MXM 175		/	01/02 -	MS25
MXM 190		/	01/02 -	MS25
MXU 100		/	07/03 -	MS138
MXU 110		/	07/03 -	MS138
MXU 115		/	07/03 -	MS168
MXU 125		/	07/03 -	MS138
MXU 130		/	07/05 -	MS138
MXU 135		/	07/03 -	MS138
T 7030	6-cyl,NEF	/	-	MS138
	6-cyl,NEF,Tier III (167HP)	/	-	MS138
T 7040	6-cyl,NEF,Tier III (182HP)	/	-	MS138
	NEF	/	-	MS138
T 7050	6-cyl,NEF,Tier III (197HP)	/	-	MS138
	NEF	/	-	MS138
T 7060	6-cyl,NEF,Tier III (213HP)	/	-	MS138
	NEF	/	-	MS138
T 7070	6-cyl,NEF	/	-	MS138
	6-cyl,NEF,Tier III (225HP)	/	-	MS138
TRACTORS	Arrow Engine	/	-	MS420
	Perkins Engine	/	-	MS420
TX36		/	- 03/97	MS347
TY2P		/	05/79 - 01/80	MS277
VG889		/	-	MS352

WHEEL LOADERS

121E	4-cyl,64HR,FPT F5CE9454G	/	-	MS138
21E	4-cyl,54HR,FPT F5CE9454C	/	01/89 - 12/94	MS138
	FPT F5CE9454C	/	01/89 - 12/94	MS138
221E	4-cyl,74HR,FPT F5CE9454E	/	01/89 - 01/94	MS138
321E	4-cyl,82HR,FPT F5CE5454B	/	01/89 - 01/94	MS138

WINDROWERS

6000	390	/	01/85 - 01/92	MS271
6500	390	/	01/85 - 01/92	MS271
WDX1101	New Holland	/	01/01 -	MS357
WDX901	New Holland	/	01/01 -	MS357

CASE STEYR

FARM EQUIPMENT

8440	D229-4VT	/	01/84 -	MS349
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TRACTORS

1090	WD610	/	07/68 - 12/72	MS309
1100A	WD610.40	/	07/71 - 09/77	MS309
1108/1400A	WD610.44	/	-	MS280
1200A	WD610.41	/	11/72 - 12/75	MS309
	WD610.43	/	11/72 - 12/75	MS309
188		/	-	MS274
190		/	-	MS274
280		/	-	MS516
288		/	-	MS58
290		/	-	MS58
30		/	-	MS274
40	WD405	/	-	MS300
406		/	-	MS58
430	WD210.40,WD308	/	-	MS274
50		/	-	MS58
540	WD210.40,WD308	/	-	MS274
545 SUPER	WD308.45	/	01/78 - 12/82	MS274
548	WD210.40,WD308	/	- 12/78	MS274
548 A	WD308.45	/	03/77 - 12/79	MS274
586	WD609h	/	08/65 - 02/71	MS498
586 132	WD610.16	/	03/71 - 07/83	MS577
6125 PROFII/CLASIC	125HR,6-cyl,FPT NEF	/	-	MS138
6130 CVT	131HR,6-cyl,FPT,Tier 4	/	-	MS138
6140 PROFII/CLASIC	140HR,6-cyl,FPT NEF	/	-	MS138
6145 CVT	146HR,6-cyl,FPT,Tier 4	/	-	MS138

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
6160 CVT	1560HP6-cyl,FPT,Tier 4	/	-	MS138
6170 CVT	167HP6-cyl,FPT,Tier 4	/	-	MS168
6185 CVT	185HP6-cyl,FPT,Tier 4	/	-	MS138
6205 CVT	215HP6-cyl,FPT,Tier 4	/	-	MS138
6230 CVT	228HP6-cyl,FPT,Tier 4	/	-	MS138
650	WD210.40,WD308	/	- 07/77	MS58
650 A	WD408.41	/	11/75 - 06/77	MS58
658/A	WD408.42	/	03/77 - 12/79	MS58
760 A	WD408.40	/	01/76 - 06/77	MS58
760 SUPER	WD408.43	/	01/78 - 12/82	MS58
768/A	WD408.43	/	03/77 - 12/79	MS58
8055	WD311	/	02/82 -	MS332
	WD311.44	/	02/82 - 09/86	MS336
	WD311.46	/	09/86 -	MS336
8055 A	WD311.45	/	02/82 - 09/86	MS336
	WD311.47	/	09/86 -	MS336
8060	WD311	/	01/80 - 02/87	MS332
	WD311.41	/	01/80 - 02/87	MS324
8060 A	WD311.40	/	01/80 - 02/87	MS336
8060 A/T	WD311.87	/	02/87 -	MS336
8065	WD311	/	09/86 -	MS332
8065 A	WD311.85	/	09/86 -	MS336
8070	WD411	/	-	MS332
8075	WD411	/	-	MS332
8080	WD411	/	-	MS332
	WD411.68	/	01/80 - 06/85	MS332
8090	WD411	/	-	MS332
8100	WD411	/	-	MS354
8100 A	WD611.40	/	12/78 - 12/88	MS354
8110		/	12/78 -	MS354
8120	WD411	/	-	MS354
8130 A	88,WD611.87	/	07/84 -	MS354
			10/92 -	MS354
8140	WD612.40	/	06/77 - 12/81	MS280
8150 A	WD612.87	/	12/82 -	MS280
8160 A	WD612.85	/	06/74 - 12/81	MS280
8165 A	WD612.86	/	06/86 -	MS280
8170 A	WD612.89	/	05/81 - 12/88	MS280
8300 A	WD615.84	/	02/82 - 04/87	MS536
86		/	-	MS274
870 A	WD410.40	/	01/73 - 01/76	MS309
880		/	-	MS536
950		/	-	MS332
960		/	-	MS332
970		/	-	MS332
980 A	WD412.40	/	04/76 - 09/77	MS280
988 A	WD412.41	/	06/77 - 03/79	MS280
SFL 11HUA280	9FUA	/	10/87 -	MS504
SG 18HUA280	9FUA	/	07/87 -	MS504
SL 11HU250	9FUA	/	01/84 -	MS504
SL 11HUA280	9FUA	/	12/86 -	MS504

CATERPILLAR

SPECIAL EQUIPMENT

621B	Caterpillar 3406	/	01/95 -	MS77
623	Caterpillar 3406	/	01/95 - 12/96	MS77

CHALLENGER

COMBINES

652C	AGCO P.265kW,CTA,Tier 4	/	-	MS175
660B	AGCO P.223kW,CTA,Tier 4	/	-	MS175
670B	AGCO P.261kW,CTA,Tier 4	/	-	MS175
672C	AGCO P.203kW,Tier 4	/	-	MS175

CRAWLER TRACTORS

MT745D	AGCO P.250kW,CTA,Tier 4	/	-	MS175
MT755D	AGCO P.267kW,CTA,Tier 4	/	-	MS175
MT765D	AGCO P.285kW,CTA,Tier 4	/	-	MS175

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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CHALLENGER (continued)

FARM EQUIPMENT

8333	AGCO P.264kW,CTA,Tier 4	/	-	MS175
RG1100	AGCO P.252kW,Tier 4i	/	-	MS175
RG1300	AGCO P.276kW,Tier 4i	/	-	MS175
RG635B	AGCO P.129kW,Stage 3A	/	-	MS175
RG645B	AGCO P.164kW,Stage 3B	/	-	MS175
RG655B	AGCO P.178kW,Stage 3B	/	-	MS175
TG845	AGCO P.302kW	/	-	MS175
	AGCO P.,CTA,Tier 4	320 / 435	-	MS175

WHEEL TRACTORS

MT665D	AGCO P.239kW,Tier 4	/	-	MS175
MT685D	AGCO P.276kW,Tier 4	/	-	MS175

WINDROWERS

WR9740	Agco P.	/	-	MS175
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CHAMPION

LOADERS

741	DEUTZ F2L511	/	01/76 -	MS94
795	JD 4-276	/	01/76 -	MS89

CLAAS

COMBINES

105	MB-OM360.930	/	10/74 - 10/77	MS516
106	MB-OM360	/	09/79 - 10/85	MS516
	MB-OM401E	/	05/80 - 10/85	MS531
50	MB-OM314	/	09/73 - 05/76	MS193
60	KHD-F6L912	/	08/78 - 10/81	MS220
	MB-OM352	/	10/74 - 05/76	MS193
60SF	MB-OM352	/	10/74 - 05/76	MS193
680	MB-OM421	/	01/75 - 10/87	MS531
685SL	MB-OM421A	/	01/87 - 12/93	MS531
690	MB-OM422A	/	10/74 - 10/87	MS555
75	MB-OM352	/	10/74 - 05/76	MS193
75R	KHD-F6L912	/	08/78 - 08/82	MS220
	MB-OM352	/	10/74 - 05/76	MS193
840	OM-402A	/	01/90 -	MS555
85	A,MB-OM352	/	10/74 - 05/76	MS193
860	OM-442A	/	01/94 -	MS555
880	OM-442A	/	01/94 -	MS555
CONSUL	MB-OM314	/	09/73 - 05/76	MS193
DOMINATOR 105	MB OM 360.930	/	-	MS710
DOMINATOR 106	MB OM 360.930	/	-	MS710
	MB OM 401.901	/	-	MS711
MERCATOR	MB-OM352	/	10/74 - 05/76	MS193
TUCANO 430	OM906LA	/	01/85 - 12/12	MS199

FIELD CHOPPER

JAGUAR 680	MB OM 421	/	01/84 - 12/94	MS711
JAGUAR 685/SL	MB OM 421 A	/	01/84 - 12/94	MS711
JAGUAR 690/SL	MB OM 422 A	/	01/84 - 12/94	MS698
JAGUAR 840	MB OM 402 LA	265 / 360	01/93 -	MS698
JAGUAR 860	MB OM 442 LA	305 / 415	01/93 -	MS698
JAGUAR 880	MB OM 442 LA	354 / 481	01/93 -	MS698

TELEHANDLER

6030	6 L4,90kW,TCD 3,Tier 4i	/	-	MS645
	6 L4,TCD 3	/	-	MS645
	75kW,TD2011 L04	/	-	MS446
7030	6 L4,90kW,TCD 3,Tier 4i	/	-	MS645
	6 L4,TCD 3	/	-	MS645
	Deutz TCD 2012 L04 2V 102HP	/	-	MS65
7035	6 L4,90kW,TCD 3,Tier 4i	/	-	MS645
	6 L4,TCD 3	/	-	MS645
7040	Deutz TCD 2012 L04 120HP	/	-	MS65

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
7044	6 L4,90kW,TCD 3,Tier 4i	/	-	MS645
	6 L4,TCD 3	/	-	MS645
7045	Deutz TCD 2012 L04 140HP	/	-	MS65
7055	1 L4,115kW,TCD 4,Tier 4i	/	-	MS65
	1 L4,TCD 4	/	-	MS65
9040	Deutz TCD 2012 L04 140HP	/	-	MS65
9055	1 L4,115kW,TCD 4,Tier 4i	/	-	MS65
	1 L4,TCD 4	/	-	MS65

TRACTORS

210	4 cyl,53kW,FPT,Tier 4	/	-	MS24
	FPT	/	-	MS24
210 F/VE/VL	4 cyl,53kW,FPT,Tier 4	/	-	MS24
	FPT	/	-	MS24
220	4 cyl,57kW,FPT,Tier 4	/	-	MS24
	FPT	/	-	MS24
220 F/VE/VL	4 cyl,57kW,FPT,Tier 4	/	-	MS24
	FPT	/	-	MS24
230		65 / 88	01/12 -	MS24
	4 cyl,Tier 4,65kW,FPT	/	-	MS24
	FPT	/	-	MS24
230 F/VE/VL	4 cyl,Tier 4,65kW,FPT	/	-	MS24
	FPT	/	-	MS24
240 F/VE/VL	4 cyl,74kW,FPT,Tier 4	/	-	MS200
310	1104D-44T,55kW,Tier 3	/	-	MS37
320	1104D-44T,64kW,Tier 3	/	-	MS37
330	1104D-44T,68kW,Tier 3	/	-	MS37
340	1104D-44T,75kW,Tier 3	/	-	MS37
410	4-cyl,74kW,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 100HP	/	-	MS407
410 CIS	4-cyl,83kW,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 113HP	/	-	MS44
420	4-cyl,81kW,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 110HP	/	-	MS44
420 CIS	4-cyl,90kW,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 122HP	/	-	MS44
430	4-cyl,89kW,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 121HP	/	-	MS44
430 CIS	4-cyl,98kW,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 133HP	/	-	MS44
510	DPS 4-cyl 110HP	/	-	MS44
520	DPS 4-cyl 120HP	/	-	MS44
530		103 / 140	01/12 -	MS44
	105kW,4-cyl,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 130HP	/	-	MS44
540		110 / 150	01/12 -	MS44
	113kW,4-cyl,DPS,Tier 4	/	-	MS407
	DPS 4-cyl 135HP	/	-	MS44
	DPSG-4.039T	/	-	MS264
546/RZ	4-cyl,92HP,DPS 4045TRT	/	01/03 - 12/05	MS110
550		116 / 158	01/12 -	MS44
	121kW,4-cyl,DPS,Tier 4	/	-	MS407
	DPSG-4.039T	/	-	MS264
556	100HP,4-cyl,DPS 4045TRT	/	01/03 - 12/05	MS110
566/RZ	110HP,4-cyl,DPS 4045TRT	/	01/03 - 12/05	MS110
610	DPS 6-cyl 120HP	/	-	MS44
	DPSG-6.059D	/	-	MS358
610 C	DPS 6-cyl 130HP	/	-	MS45
616/RZ	114HP,6-cyl,DPS 6068DRT	/	01/03 - 12/05	MS110
620		110 / 150	01/12 -	MS43
				MS44
	114kW,6-cyl,DPS,Tier 4	/	-	MS407
	DPS 6-cyl 135HP	/	-	MS44
	DPSG-6.059D	/	-	MS358
620 C	DPS 6-cyl 140HP	/	-	MS45
630		117 / 160	01/12 -	MS43
				MS44
	121kW,6-cyl,DPS,Tier 4	/	-	MS407
	DPS 6-cyl 145HP	/	-	MS44
	DPSG-6.059D	/	-	MS358
630 C	DPS 6-cyl 155HP	/	-	MS45

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
CLAAS (continued)				
640		124 / 168	01/12 -	MS43
	128kW,6-cyl,DPS,Tier 4	/	-	MS407
	DPS 6-cyl 155HP	/	-	MS44
	DPSG-6.059D	/	-	MS358
65	D2226.3	/	-	MS351
	DPSG-3.029D	/	-	MS264
650		129 / 175	01/12 -	MS43
	129kW,6-cyl,DPS,Tier 4	/	-	MS407
656/RZ	132HR,6-cyl,DPS 6068TRT	/	01/03 - 12/03	MS110
696/RZ	147HR,6-cyl,DPS 6068TRT	/	01/03 - 12/05	MS111
70/X	D2226.3	/	-	MS351
75/X	4.236 Perkins	/	-	MS264
	D-4.045D,DPSG-4.039	/	-	MS264
810	153kW,6-cyl,FPT,Tier 4	/	-	MS143
	J. Deere DPS 6-cyl 170HP	/	-	MS43
820		139 / 188	01/12 -	MS43
	J. Deere DPS 6-cyl 189HP	/	-	MS43
830	168kW,6-cyl,FPT,Tier 4	/	-	MS143
840	J. Deere DPS 6-cyl 212HP	/	-	MS43
85	4.236 Perkins	/	-	MS264
	D-4.045D,DPSG-4.039	/	-	MS264
850	186kW,6-cyl,FPT,Tier 4	/	-	MS143
	J. Deere DPS 6-cyl 233HP	/	-	MS43
920	236kW,6-cyl,FPT,Tier 4	/	-	MS143
926	232HR,6-Cyl,BF6M 1013 FC	/	01/03 -	MS446
930	259kW,6-cyl,FPT,Tier 4	/	-	MS143
935	6-Cyl,BF6M 1013 FC	/	-	MS446
936	250HR,6-Cyl,BF6M 1013 FC	/	01/03 -	MS446
940	282kW,6-cyl,FPT,Tier 4	/	-	MS143
946	282HR,6-Cyl,BF6M 1013 FC	/	01/05 -	MS446
950	306kW,6-cyl,FPT,Tier 4	/	-	MS143
TRACTORS		/	-	MS584
	John Deere	/	-	MS110

CLARK

LIFT TRUCKS

C500-400	Cummins 8-555D	/	01/74 -	MS61
C500-450	Cummins 8-555D	/	01/70 - 01/83	MS61
C500-550	Cummins 8-555D	/	01/70 - 01/83	MS61
C500-650	Cummins 8-555D	/	01/73 - 01/83	MS61

LOADERS

1075	JD 4276	/	01/86 - 01/87	MS293
1080	JD 4276	/	01/97 -	MS293
2000	PERKINS	/	01/97 -	MS94
641	DEUTZ F2L511	/	01/76 -	MS94
843	PERKINS	/	01/76 -	MS94
843B	ISUZU ENGINE	/	01/69 - 01/75	MS94
853/H	ISUZU ENGINE	/	01/76 -	MS94
943	PERKINS 4-236	/	01/76 -	MS94
975	JD 4276	/	01/74 -	MS293

SHOVELS

55C	Cummins V378-C155	/	01/97 -	MS76
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CLAYSON

COMBINES

1520	KHD-F4L912	/	05/79 - 12/79	MS220
1530	KHD-F6L912	/	05/79 - 12/79	MS220
1540	KHD-F6L912	/	05/79 - 12/79	MS220
1550 S	MB-OM360.970	/	04/71 - 12/79	MS516
				MS710

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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CRYSTAL TRACTOR

TRACTORS

ORION 13	Sisu Diesel	/	-	MS235
ORION 16	Sisu Diesel	/	-	MS175

DAVID BROWN

TRACTORS

1200	A4155A	/	-	MS51
1210	455009/455031	/	-	MS51
1212	455009/455031	/	-	MS51
1290	2200004/220008	/	-	MS51
1294	2200004/220008	/	-	MS51
1390	2200002/220103	/	-	MS51
1394	2200002/220103	/	-	MS51
1410	455011	/	-	MS346
1412	455011	/	-	MS346
1490	220101/220105	/	-	MS51
1494	220101/220105	/	-	MS51
1594	330002	/	-	MS346
1690	330001/330102	/	-	MS346
1694	330001/330102	/	-	MS346
990	449001	/	-	MS51
995	455051/455071	/	-	MS51
996	455051/455071	/	-	MS51

DE PIETRI

FARM EQUIPMENT

TR100DTS/DTN	4cyl.Tier 3,NEF	/	-	MS138
	NEF	/	-	MS138

DEUTZ-FAHR

COMBINES

5650 H	BF6M1013FC/TCD2013LO6 4V	/	-	MS65
5660 H/HTS	BF6M1013FC/TCD2013LO6 4V	/	-	MS65
5665 HTS	BF6M1013FC/TCD2013LO6 4V	/	-	MS65
5670H/HTS	(for moving harvester table)	/	-	MS338
5680H/HTS	(for moving harvester table)	/	-	MS338
5690 H/HTS	BF6M1013FC/TCD2013LO6 4V	/	-	MS65
5690 HTS	(for moving harvester table)	/	-	MS338
5695 HTS	BF6M1013FC/TCD2013LO6 4V	/	-	MS65
6040	1 L6,184kW,TCD6,Tier 4i	/	-	MS69
6040 HTS	1 L6,184kW,TCD6,Tier 4i	/	-	MS69
6060	1 L6,184kW,TCD6,Tier 4i	/	-	MS69
6060 HTS	1 L6,211kW,TCD6,Tier 4i	/	-	MS69
6095 HTS	(for moving harvester table)	/	-	MS338
7545RTS	331kW,Deutz TCD2015 V6	/	-	MS63
M1080	F5L912	/	01/87 - 01/94	MS446
M1202	F5L912	/	01/87 - 01/94	MS446
M2385	F6L912	/	01/82 - 12/94	MS446
M3360	F4L912	/	01/87 - 12/91	MS446
			01/92 - 12/94	MS446

TRACTORS

100	BF4M2012C	/	-	MS65
	BF6M 1012	73 / 99	01/98 - 12/04	MS446
100 A	99HR,BF6M1012	/	01/98 - 12/04	MS446
100 MK2	95HR,BF4M1012EC	/	01/97 - 12/01	MS446
	BF 4M 1012 EC	70 / 95	01/97 - 12/01	MS446
100 MK3	99HR,BF4M1012EC	/	01/01 - 12/03	MS446
	BF 4M 1012 EC	73 / 99	01/01 - 12/03	MS446
100 MK4	Deutz	/	01/04 -	MS446
105 MK2	99HR,BF6M1012E	/	01/97 - 12/01	MS446
	BF 6M 1012 E	73 / 99	01/97 - 12/01	MS446
105 MK3	95HR,BF6M1012E	/	01/01 - 12/04	MS446
	BF 6M 1012 E	70 / 95	01/01 - 12/04	MS446

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
DEUTZ-FAHR (continued)				
106 MK2	99HR,BF6M1012E	/	01/97 - 12/01	MS446
	BF 6M 1012 E	73 / 99	01/97 - 12/01	MS446
106 MK3	BF 6M 1012 E	75 / 102	01/01 - 12/03	MS446
110 MK2	105HR,BF6M1012E	/	01/97 - 12/01	MS446
	BF 6M 1012 E	77 / 105	01/97 - 12/01	MS446
110 MK3	107HR,BF6M1012E	/	01/01 - 12/03	MS446
	BF 6M 1012 E	79 / 107	01/01 - 12/03	MS446
1130 TTV	125HR,BF6M1013E	/	01/01 - 12/03	MS446
1145 TTV	140HR,BF6M1013E	/	01/01 - 12/03	MS446
115 MK2	114HR,BF6M1012E	/	01/97 - 12/01	MS446
	BF 6M 1012 E	84 / 114	01/97 - 12/01	MS446
115 MK3	117HR,BF6M1012E	/	01/01 - 12/03	MS446
	BF 6M 1012 E	86 / 117	01/01 - 12/03	MS446
1160 TTV	150HR,BF6M1013E	/	01/01 - 12/03	MS446
120	118HR,6-cyl,BF6M2012C	/	01/05 - 12/07	MS446
	BF6M 1013E	88 / 119	01/97 - 12/01	MS446
		92 / 125	01/01 - 12/03	MS446
120 MK2	120HR,BF6M1013E	/	01/97 - 12/01	MS446
120 MK3	125HR,BF6M1013E	/	01/01 - 12/03	MS446
120A-K	F6L613	/	11/58 - 08/63	MS488
120F-L	F6L613	/	11/58 - 08/63	MS488
120F-S	F6L613	/	11/58 - 08/63	MS488
120-K	F6L613	/	11/58 - 08/63	MS488
120-L	F6L613	/	11/58 - 08/63	MS488
120-S	F6L613	/	11/58 - 08/63	MS488
130	128HR,6-cyl,BF6M2012C	/	01/05 - 12/07	MS446
135	BF6M 1013E	103 / 140	01/01 - 12/03	MS446
		99 / 134	01/97 - 12/01	MS446
135 MK2	135HR,BF6M1013E	/	01/97 - 12/01	MS446
135 MK3	140HR,BF6M1013E	/	01/01 - 12/03	MS446
150	150HR,6-cyl,BF6M2012C	/	01/05 - 12/07	MS446
150 MK2	150HR,BF6M1013E	/	01/97 - 12/01	MS446
	BF 6M 1013 E	110 / 150	01/97 - 12/01	MS446
150 MK3	150HR,BF6M1013E	/	01/01 - 12/03	MS446
	BF 6M 1013 E	110 / 150	01/01 - 12/03	MS446
150.7	150HR,6-cyl,BF6M1013C	/	-	MS446
160	BF6M 1013E	118 / 160	01/97 - 12/01	MS446
160 MK2	160HR,BF6M1013E	/	01/97 - 12/01	MS446
160 MK3	102HR,BF6M1012E	/	01/01 - 12/03	MS446
165	BF6M 1013E	118 / 160	01/01 - 12/03	MS446
165 MK3	160HR,BF6M1013EC	/	01/01 - 12/03	MS446
165.7	170HR,6-cyl,BF6M1013C	/	-	MS446
175 MK2	175HR,BF6M1013E	/	01/97 - 12/01	MS446
	BF 6M 1013 E	128 / 175	01/97 - 12/01	MS446
175 MK3	175HR,BF6M1013E	/	01/01 - 12/04	MS446
	BF 6M 1013 E	128 / 175	01/01 - 12/04	MS446
180.7	170HR,6-cyl,BF6M1013C	/	-	MS446
200 MK2	200HR,BF6M1013EC	/	01/97 - 12/01	MS446
	BF 6M 1013 EC	147 / 200	01/97 - 12/01	MS446
200 MK3	200HR,BF6M1013EC	/	01/01 - 12/03	MS446
	BF 6M 1013 EC	147 / 200	01/01 - 12/03	MS446
2002	F3L412	/	01/73 - 12/76	MS446
2003	F4L912	/	05/78 - 08/82	MS220
			09/82 - 06/84	MS277
	F4L912H	/	08/75 - 05/80	MS220
			08/78 - 05/80	MS220
2004	F4L912	/	05/78 - 08/88	MS446
205	BF6M 1013FC	147 / 199	01/02 - 12/03	MS446
205 MK3	196HR,BF6M1013FC	/	01/01 - 12/04	MS446
210	BF6M 1013EC	147 / 199	01/03 - 12/04	MS446
210 MK4	200HR,BF6M1013EC	/	01/03 - 12/04	MS446
215	BF6M 1013FC	147 / 199	01/04 -	MS446
215 MK4	200HR,BF6M1013FC	/	01/04 -	MS446
230 MK2	230HR,BF6M1013FC	/	01/98 - 12/01	MS446
	BF 6M 1013 FC	169 / 230	01/98 - 12/01	MS446
230 MK3	230HR,BF6M1013EC	/	01/01 - 12/03	MS446
	BF 6M 1013 EC	169 / 230	01/01 - 12/03	MS446

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
235	BF6M 1013EC	162 / 220	01/03 - 12/04	MS446
235 MK4	220HRBF6M1013EC	/	01/03 - 12/04	MS446
260 MK2	260HRBF6M1013FC	/	01/98 - 12/01	MS446
	BF 6M 1013 FC	191 / 260	01/98 - 12/01	MS446
260 MK3	260HRBF6M1013EC	/	01/01 - 12/03	MS446
	BF 6M 1013 EC	191 / 260	01/01 - 12/03	MS446
265	BF6M 1013FC	184 / 250	01/03 - 12/06	MS446
265 MK4	250HRBF6M1013FC	/	01/03 - 12/06	MS446
3.30	F3L 912	40 / 54	05/86 -	MS277
				MS308
				MS446
3.60	F 4L 912	47 / 65	01/86 - 12/95	MS277
				MS308
				MS446
3.70	F 4L 912	51 / 70	01/85 - 12/89	MS277
				MS446
3.80 VARIOCAB/STARCAB	F4L 913D	55 / 74	01/85 - 12/90	MS277
				MS446
3.90	F 4L 913 D	55 / 75	01/85 - 12/89	MS277
				MS446
4.56	BF4L 913	66 / 90	01/91 - 12/95	MS446
4.70	BF4M 1012E	50 / 67	01/95 - 12/97	MS446
4.70 MK1	68HRBF4M1012E	/	01/95 - 12/97	MS446
	68HRBF6M1012E	/	01/95 - 12/97	MS446
4.80	BF4M 1012E	55 / 75	01/95 - 12/97	MS446
4.80 MK1	105HRBF4M1012E	/	01/95 - 12/97	MS446
4.85	BF4M 1012EC	60 / 82	01/95 - 12/97	MS446
4.85 MK1	82HRBF4M1012EC	/	01/95 - 12/97	MS446
4.90	BF4M 1012EC	65 / 88	01/95 - 12/97	MS446
4.90 MK1	88HRBF4M1012EC	/	01/95 - 12/97	MS446
4.95	BF4M 1012EC	70 / 95	01/95 - 12/97	MS446
4.95 MK1	97HRBF4M1012EC	/	01/95 - 12/97	MS446
405 F ECOLINE	SDF1000.4 WTI 80HP	/	01/12 -	MS429
410	75HPSAME 1000.4 WTI	/	01/12 -	MS429
	75kW,SDF1000.4,Tier 3	/	01/12 -	MS429
410 G	73kW,Deutz BF4M2012C	/	12/12 -	MS65
410 T/TB	5kW,65,Deutz BF4M2012C	/	01/12 -	MS65
410/F ECOLINE/S/V	SDF1000.4 WTI 85HP	/	01/09 -	MS429
420	TD 2012 L04	70 / 95	01/10 -	MS446
420 T/TB	73kW,Deutz BF4M2012C	/	01/12 -	MS65
420/F ECOLINE/S/V	SDF1000.4 WTI 96HP	/	01/09 -	MS429
430 F/S/V	SDF1000.4 WTI 106HP	/	01/09 -	MS429
430 G	80kW,Deutz BF4M2012C	/	01/12 -	MS65
5090 C	5kW,6 L4,62,TCD3,Tier 4i	/	01/12 -	MS65
5100	5kW,6 L4,72,TCD3,Tier 4i	/	01/12 -	MS69
	6 L4,TCD3	/	01/12 -	MS69
5100 C	5kW,6 L4,69,TCD3,Tier 4i	/	01/12 -	MS65
5100 TTV	5kW,6 L4,72,TCD3,Tier 4i	/	01/12 -	MS69
	6 L4,TCD3	/	01/12 -	MS69
5110	6 L4,81kW,TCD3,Tier 4i	/	01/12 -	MS65
	6 L4,TCD3	/	01/12 -	MS65
5110 C	6 L4,77kW,TCD3,Tier 4i	/	01/12 -	MS65
5110 TTV	6 L4,81kW,TCD3,Tier 4i	/	01/12 -	MS69
5120	6 L4,87kW,TCD3,Tier 4i	/	01/12 -	MS69
	6 L4,TCD3	/	01/12 -	MS69
5120 C	6 L4,83kW,TCD3,Tier 4i	/	01/12 -	MS69
5120 TTV	6 L4,87kW,TCD3,Tier 4i	/	01/12 -	MS69
5130	6 L4,93kW,TCD3,Tier 4i	/	01/12 -	MS65
	6 L4,TCD3	/	01/12 -	MS65
5130 TTV	6 L4,93kW,TCD3,Tier 4i	/	01/12 -	MS69
6.00	BF6M 1012E	70 / 95	01/95 - 12/97	MS446
6.05	BF6M 1012E	77 / 105	01/95 - 12/97	MS446
6.05 MK1	105HRBF6M1012E	/	01/95 - 12/97	MS446
6.06	F6L 912	74 / 100	01/90 - 12/95	MS446
6.15	BF6M 1012E	85 / 115	01/95 - 12/97	MS446
6.15 MK1	85HRBF6M1012E	/	01/95 - 12/97	MS446
6.16	F6L 913D	85 / 116	01/91 - 12/95	MS446
6.20	BF6M 1013E	85 / 115	01/95 - 12/97	MS446
6.20 MK1	144HRBF6M1013E	/	01/95 - 12/97	MS446
6.30	BF6M 1013E	97 / 131	01/95 - 12/97	MS446

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
DEUTZ-FAHR (continued)				
	F6L913	/	01/88 - 12/88	MS277
6.30 MK1	132HR,BF6M1013E	/	01/95 - 12/97	MS446
6.30TURBO	BF6L913T	/	01/89 - 12/91	MS277
			01/92 -	MS308
6.45	BF6M 1013E	106 / 144	01/95 - 12/97	MS446
6.45 MK1	144HR,BF6M1013E	/	01/95 - 12/97	MS446
60	60HP,F3L913	/	01/01 - 12/06	MS446
60 (STARLINER)	F3L 913	44 / 60	02/01 - 12/06	MS446
60 A	56HR,F3L914	/	01/96 - 12/04	MS446
	60HP,F3L913	/	01/96 - 12/04	MS446
	F3L 913	44 / 60	01/96 - 12/04	MS446
	F3L 914	41 / 55	01/04 - 12/05	MS446
6120.4	1 L4,87kW,TCD4,Tier 4i	/	01/12 -	MS69
	1 L4,TCD4	/	01/12 -	MS69
6120.4 TTV	1 L4,87kW,TCD4,Tier 4i	/	01/12 -	MS69
	1 L4,TCD4	/	01/12 -	MS69
6130.4	1 L4,94kW,TCD4,Tier 4i	/	01/12 -	MS69
6130.4 TTV	1 L4,94kW,TCD4,Tier 4i	/	01/12 -	MS69
	1 L4,TCD4	/	01/12 -	MS69
6140	/	/	01/14 -	MS69
6140.4	1 L4,99kW,TCD4,Tier 4i	/	01/12 -	MS69
6140.4 TTV	1 L4,99kW,TCD4,Tier 4i	/	01/12 -	MS69
6150	1 L6,110kW,TCD6,Tier 4i	/	01/13 -	MS69
	1 L6,TCD6	/	01/13 -	MS69
6150.4	1 L4,110kW,TCD4,Tier 4i	/	01/12 -	MS69
6150.4 TTV	1 L4,110kW,TCD4,Tier 4i	/	01/12 -	MS69
6160	1 L6,122kW,TCD6,Tier 4i	/	01/13 -	MS69
6160 TTV	1 L6,116kW,TCD6,Tier 4i	/	01/13 -	MS69
	1 L6,TCD6	/	01/13 -	MS69
6160.4	1 L4,122kW,TCD4,Tier 4i	/	01/12 -	MS69
6160.4 TTV	1 L4,116kW,TCD 4,Tier 4i	/	01/13 -	MS69
6180	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MS69
6180 TTV	1 L6,123kW,TCD6,Tier 4i	/	01/13 -	MS69
6190	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MS69
6190 TTV	1 L6,138kW,TCD6,Tier 4i	/	01/13 -	MS69
6240	3-172	/	01/86 - 12/92	MS446
6250	3-172	/	01/86 - 12/92	MS446
6260	3-187	/	01/86 - 12/92	MS446
6265	4-230	/	01/86 - 12/92	MS446
6275	4-249	/	01/89 - 12/92	MS446
70	71HR,F4L913	/	01/01 - 12/06	MS446
70 (STARLINER)	F 4L 913	52 / 71	01/01 - 12/06	MS446
70 A	69HR,F4L913	/	01/96 - 12/04	MS446
	69HR,F4L914	/	01/04 - 12/05	MS446
	F4L 913	51 / 70	01/96 - 12/04	MS446
	F4L 914	51 / 70	01/04 - 12/05	MS446
7085	4-249	/	01/87 - 12/92	MS446
7110	6-374	/	01/87 - 12/92	MS446
7120	6-374	/	01/87 - 12/92	MS446
7145	6-374	/	01/87 - 12/92	MS446
7210 ST	1 L6,139kW,TCD6,Tier 4i	/	01/12 -	MS69
	1 L6,TCD6	/	01/12 -	MS69
7210 TTV	1 L6,165kW,TCD6,Tier 4i	/	01/12 -	MS69
7220 ST	1 L6,157kW,TCD6,Tier 4i	/	01/12 -	MS69
	1 L6,TCD6	/	01/12 -	MS69
7230 TTV	1 L6,180kW,TCD6,Tier 4i	/	01/12 -	MS69
7250 TTV	1 L6,194kW,TCD6,Tier 4i	/	01/12 -	MS69
75	BF4M 1012E	55 / 74	01/98 - 12/04	MS446
75 A	75HR,BF4M1012E	/	01/98 - 12/04	MS446
80	79HR,F4L913	/	01/00 - 12/08	MS446
	BF4M 1012E	55 / 74	01/01 - 12/03	MS446
		55 / 75	01/97 - 12/01	MS446
	BF4M2012C	/	-	MS65
80 (STARLINER)	F 4L 913	58 / 79	01/00 - 12/08	MS446
80 A	77HR,F4L914	/	01/04 - 12/04	MS446
	F 4L 914	56 / 76	01/04 - 12/04	MS446
	F4L 913D	56 / 76	01/00 - 12/04	MS446

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
80 MK2	75HRBF4M1012E	/	01/97 - 12/01	MS446
80 MK3	75HRBF4M1012E	/	01/01 - 12/03	MS446
85	BF4M 1012EC	62 / 84	01/98 - 12/04	MS446
85 A	84HRBF4M1012EC	/	01/98 - 12/04	MS446
85 MK2	84HRBF4M1012EC	/	01/97 - 12/01	MS446
	BF 4M 1012 EC	62 / 84	01/97 - 12/01	MS446
85 MK3	84HRBF4M1012EC	/	01/01 - 12/03	MS446
	BF 4M 1012 EC	62 / 84	01/01 - 12/03	MS446
90	88HRPF4L913	/	01/00 - 12/08	MS446
	BF4M 1012EC	65 / 88	01/01 - 12/03	MS446
			01/97 - 12/01	MS446
90 (STARLINER)		65 / 88	01/00 - 12/08	MS446
90 MK2	88HRBF4M1012E	/	01/97 - 12/01	MS446
90 MK3	88HRBF4M1012EC	/	01/01 - 12/03	MS446
9130	BF6L913C	/	01/89 - 12/92	MS446
9150	BF6L913C	/	01/89 - 12/92	MS446
95	BF4M 1012E	68 / 92	01/98 - 12/04	MS446
95 A	62HRBF4M1012E	/	01/98 - 12/04	MS446
D 2506	F2L 912	16 / 22	01/68 - 12/81	MS446
D 4006	F3L912	/	08/78 - 12/78	MS220
D 4007	F3L912	/	01/80 - 12/84	MS446
			08/78 - 12/78	MS277
D 4506	F3L912	/	08/78 - 06/80	MS220
D 4507/C	F3L912	/	01/80 - 12/90	MS446
	F3L912.29	/	07/80 - 07/81	MS277
D 4807/C	F3L912	/	01/80 - 12/81	MS446
	F3L912.33	/	07/80 - 07/81	MS277
D 5006	F3L912	/	01/68 - 12/74	MS446
D 5206	F3L912	/	01/75 - 12/80	MS446
			08/78 - 06/80	MS220
D 5207/C	F3L912	/	01/81 - 12/84	MS446
	F3L912.38	/	07/80 - 07/81	MS277
D 5506	F3L912	/	01/68 - 12/74	MS446
D 6006	F4L912	/	01/68 - 12/74	MS446
D 6007/C	F3L913	/	01/83 - 12/85	MS446
			07/82 - 10/84	MS277
D 6206	F4L912	/	08/78 - 06/80	MS220
	F6L912	/	01/74 - 12/81	MS446
D 6207/C	F4L912.44	/	07/80 - 07/82	MS277
				MS446
D 6507/C	F4L912	/	07/82 - 10/84	MS277
	F6L912	/	01/83 - 12/84	MS446
D 6806	F4L912	/	08/78 - 06/80	MS220
	F6L912	/	01/74 - 12/81	MS446
D 6807/C	F4L912.49	/	07/80 - 07/82	MS277
	F6L912	/	06/86 - 12/94	MS446
D 7006	F6L912	/	01/70 - 12/74	MS446
D 7007	F4L912	/	09/83 - 01/94	MS277
D 7206	F4L912	/	02/79 - 06/80	MS446
			08/78 - 06/80	MS220
D 7207/C	F4L912.51	/	07/80 - 07/81	MS277
				MS446
D 7807	F4L913	/	06/83 - 10/84	MS277
D 7807/C	F4L913.55	/	07/80 - 07/81	MS277
				MS446
D7207	F 4L 912	51 / 69	01/81 - 12/84	MS313
DL 750	F4L514F	/	01/66 - 07/70	MS511
DR 750	F4L514F	/	01/66 - 12/72	MS511
DX 110	F6L912	/	01/79 - 12/85	MS446
			05/78 - 08/82	MS220
			09/82 - 10/85	MS277
DX 120	F6L913	/	01/81 - 12/85	MS446
			07/80 - 10/85	MS277
DX 130	F6L913	/	01/81 - 12/85	MS446
DX 140	BF6L913	/	01/79 - 12/85	MS446
			05/78 - 10/85	MS108
DX 145	BF6L913	/	01/81 - 12/85	MS446
			07/80 - 10/85	MS108
DX 160	BF6L913	/	01/79 - 12/85	MS446
			05/78 - 10/85	MS108

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DEUTZ-FAHR (continued)				
DX 250	BF6L413FR	/	01/82 - 10/85	MS575
DX 3.10/A	F3L912	/	09/88 - 01/94	MS277
DX 3.10/V/F	F3L912	/	06/86 - 12/94	MS277
DX 3.30/A	F3L912	/	09/88 - 01/94	MS446
DX 3.30V/F	F3L912	/	09/86 - 12/94	MS446
DX 3.50/A	F3L913	/	09/86 - 01/94	MS446
DX 3.57	60HPRF3L913	/	01/91 - 12/95	MS446
	F3L 913	44 / 59	01/91 - 12/95	MS446
DX 3.60/A	F4L912	/	09/86 - 01/94	MS277
DX 3.70/A	F4L912	/	09/86 - 01/94	MS277
DX 3.70/F/V	F4L912	/	06/86 - 12/94	MS277
DX 3.80	F4L913	/	09/88 - 01/94	MS277
DX 3.90/A	F4L913	/	06/86 - 12/94	MS277
DX 3.90V/F	F4L913	/	06/86 - 12/94	MS277
DX 4.07	65HRP4L912	/	01/91 - 12/95	MS446
DX 4.10	F4L912	/	09/88 - 01/94	MS277
DX 4.17	75HRP4L913	/	01/91 - 12/95	MS446
	F4L 913D	55 / 75	01/91 - 12/95	MS446
DX 4.30/A	F4L913	/	01/86 - 12/94	MS308
DX 4.31	F 4L 913 D	55 / 75	01/89 - 12/95	MS446
	F4L913	/	01/91 - 12/94	MS277
DX 4.47	85HRP4L913	/	01/93 - 12/95	MS446
	BF4L 913	63 / 85	01/93 - 12/95	MS446
DX 4.50/A	BF4L913T	/	09/88 - 01/94	MS277
DX 4.51	BF 4L 913	60 / 82	01/89 - 12/95	MS446
	BF4L913T	/	01/90 - 12/94	MS277
DX 4.56	90HRPBF4L913	/	01/91 - 12/95	MS446
DX 4.57	90HRPBF4L913	/	01/91 - 12/95	MS446
	BF4L 913	66 / 90	01/91 - 12/95	MS446
DX 4.61	88HRPBF4L913	/	01/90 - 12/93	MS446
	BF4L 913	65 / 88	01/90 - 12/93	MS446
DX 4.68	88HRPBF4L913	/	01/93 - 12/93	MS446
	BF4L 913	65 / 88	01/93 - 12/93	MS446
DX 4.70 MK1	68HRPBF6M1012E	/	01/95 - 12/97	MS446
DX 4.70/A	BF4L913	/	09/88 - 12/94	MS277
DX 4.71	95HRPBF4L913	/	01/90 - 12/93	MS446
	BF4L 913	70 / 95	01/90 - 12/93	MS446
DX 4.78	100HRPBF4L913	/	01/93 - 12/93	MS446
	BF4L 913	74 / 100	01/93 - 12/93	MS446
DX 6.05	F6L 912	72 / 97	01/87 - 12/91	MS277
	F6L912	/	09/86 - 01/94	MS277
DX 6.06	100HRPF6L912	/	01/90 - 12/95	MS446
DX 6.07	90HRPF6L912	/	01/91 - 12/95	MS446
	F6L 912	74 / 101	01/91 - 12/95	MS446
DX 6.08	107HRPBF6L913	/	01/90 - 12/93	MS446
	107HRPF6L912	/	01/93 - 12/95	MS446
	BF 6L 913	79 / 107	01/90 - 12/93	MS446
	F6L 912	79 / 107	01/93 - 12/95	MS446
DX 6.10/A	F6L912	/	09/86 - 01/94	MS446
DX 6.11	110HRPF6L913	/	01/90 - 12/93	MS446
	F6L 912/913	74 / 100	01/90 - 12/93	MS446
DX 6.16	110HRPF6L913	/	01/91 - 12/95	MS446
DX 6.17	112HRPF6L913	/	01/91 - 12/95	MS446
	F6L 913D	82 / 111	01/91 - 12/95	MS446
DX 6.21	100HRPBF6L913	/	01/90 - 12/93	MS446
	F6L 913D	74 / 100	01/91 - 12/93	MS446
DX 6.28	115HRPF6L913	/	01/93 - 12/95	MS446
	F6L 913D	85 / 115	01/93 - 12/95	MS446
DX 6.30/A	F6L913	/	09/86 - 01/94	MS220
DX 6.31	BF6L 913T	88 / 119	01/93 - 12/96	MS446
DX 6.31/A	120HRPBF6L913T	/	01/90 - 01/94	MS446
	BF6L913T	/	01/90 - 01/94	MS446
DX 6.38	125HRPBF6L913T	/	01/90 - 12/93	MS446
	BF6L 913T	92 / 125	01/90 - 12/93	MS446
DX 6.50/A	BF6L913	/	06/84 - 12/94	MS277
DX 6.60	BF6L913	/	01/88 - 01/94	MS308

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
DX 6.61	143HP,BF6L913T	/	01/90 - 12/95	MS446
	BF6L 913	105 / 143	01/90 - 12/95	MS446
DX 6.71	BF6L 913	121 / 165	01/92 - 12/97	MS446
DX 7.10/A	BF6L913	/	06/86 - 12/94	MS277
DX 80	F4L913	/	07/82 - 10/85	MS277
				MS446
DX 85	F5L912	/	05/78 - 08/82	MS220
			05/78 - 10/85	MS446
			09/82 - 10/85	MS277
DX 86	BF4L913T	/	01/82 - 10/85	MS277
			07/82 - 10/85	MS277
				MS446
DX 90	F5L912	/	01/79 - 12/85	MS446
			05/78 - 08/82	MS220
			09/82 - 10/85	MS277
DX 92	BF4L913	/	09/82 - 10/85	MS277
				MS446
			BF4L913T	01/82 - 10/85	MS277
				MS446
F 400	63kW,SDF1000.4,Tier 3	/	01/12 -	MS429
F 410	70kW,SDF1000.4,Tier 3	/	01/12 -	MS429
K410	TCD2012 L04	/	01/08 -	MS446
K420	TCD2012 L04	/	01/08 -	MS65
K430	TCD2012 L04	/	01/08 -	MS65
K610	TCD2012 L04	/	-	MS65
L 710	TCD 2013 L6 2V	139 / 188	11/11 -	MS65
L 730	TCD 2013 L6 2V	157 / 213	11/11 -	MS65
L710	189kW,TCD2013 L06 2V,Tier 3	/	01/11 -	MS65
L730	213kW,TCD2013 L06 2V,Tier 3	/	01/11 -	MS65
M 1002	KHD-F5L912	/	08/78 - 12/81	MS220
	KHD-F6L912	/	08/78 - 01/80	MS220
M 1080	F5L912	/	01/92 -	MS308
	KHD-F5L912	/	01/81 - 12/91	MS277
M 1202	F6L912	/	01/92 -	MS308
	KHD-F6L912	/	01/80 - 12/91	MS277
			02/79 - 01/80	MS446
M 120D11AK	F6L613	/	09/63 - 08/67	MS488
M 120D11AL	F6L613	/	09/63 - 08/67	MS488
M 120D9L	F6L613	/	09/63 - 08/67	MS488
M 126D11/12/15AK	F6L613	/	01/63 - 12/67	MS488
M 126D11/12/15K	F6L613	/	01/63 - 12/67	MS488
M 126D11/12FL	F6L613	/	01/63 - 02/65	MS488
M 126D11FS	F6L613	/	01/63 - 02/65	MS488
M 126D11L	F6L613	/	01/63 - 12/67	MS488
M 126D13	F6L613	/	01/63 - 02/65	MS488
M 126D15B	F6L613	/	01/63 - 12/67	MS488
M 126D15FB	F6L613	/	01/63 - 02/65	MS488
M 1300	KHD-F6L913	/	08/78 - 12/79	MS220
M 1300H	KHD-BF6L913	/	01/74 - 04/76	MS108
M 1302/H/HA	KHD-BF6L913	/	05/76 - 12/79	MS108
M 1320	KHD-F6L913	/	01/80 - 12/87	MS446
M 1322	KHD-BF6L913	/	01/80 - 12/87	MS108
M 1322H	KHD-BF6L913	/	01/80 - 12/87	MS108
M 1322HA	KHD-BF6L913	/	06/80 - 12/87	MS108
M 1600	KHD-F8L413V	/	05/72 - 12/80	MS493
				MS669
M 1620H	KHD-F8L413F	/	01/80 - 12/87	MS477
M 2385	F6L912	/	01/92 -	MS308
	KHD-F6L912	/	01/82 - 12/91	MS277
M 2480	KHD-F6L912	/	01/79 - 12/87	MS220
M 2580	KHD-F6L913	/	01/79 - 12/87	MS220
M 2680	KHD-F6L913	/	01/79 - 12/87	MS220
M 2685	KHD-BF6L913	/	01/79 - 12/87	MS108
M 2780	KHD-BF6L913	/	01/83 - 12/87	MS108
M 2780H	KHD-BF6L913	/	01/83 - 12/87	MS108
M 3330	F3L912	/	01/92 -	MS308
M 3360	F4L912	/	01/92 -	MS308
	KHD-F4L912	/	03/87 - 12/91	MS277
M 600	KHD-F3L912	/	02/79 - 12/80	MS277
M 660	KHD-F3L912	/	01/80 - 12/87	MS277

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
DEUTZ-FAHR (continued)				
M 750	KHD-F4L912	/	08/78 - 12/80	MS277
M 770	KHD-F4L912	/	01/80 - 12/87	MS277
M 85D7K	F4L514	/	01/64 - 12/65	MS498
M 900	KHD-F4L912	/	08/78 - 12/79	MS220
M 922	KHD-F4L912	/	02/79 - 12/81	MS277
M 980	F4L912	/	01/92 -	MS308
	KHD-F4L912	/	01/81 - 08/88	MS220
			01/81 - 12/87	MS220
			09/82 - 12/91	MS277
M110 D7/8/9FK	F6L912	/	10/67 - 12/74	MS386
M110 D7/8/9FS	F6L912	/	10/67 - 12/74	MS386
M110 D7/8FL	F6L912	/	10/67 - 12/74	MS386
M110 D9/11FL	F6L912	/	10/67 - 12/74	MS386
M120 D12AK	F6L912	/	05/71 - 08/73	MS386
M120 D12K	F6L912	/	05/71 - 08/73	MS386
M120 D7FA	F6L912	/	10/69 - 12/74	MS386
M120 D7FK	F6L912	/	10/69 - 12/74	MS386
M120 D7FL	F6L912	/	10/69 - 12/74	MS386
M120 D7FS	F6L912	/	10/69 - 12/74	MS386
M120 R80	F6L912	/	01/73 - 12/74	MS386
M130 D11FL	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D12/15AK	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D12/15K	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D14FL	F6L913	/	09/73 - 12/74	MS232
				MS613
			09/74 - 12/74	MS232
				MS613
M130 D16FL	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D16FLL	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D16L	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D7/8/9FA	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D9AL	F6L913	/	09/73 - 12/74	MS232
				MS613
M130 D9FL	F6L913	/	09/73 - 12/74	MS232
				MS613
M160 D11FL	BF6L913	/	09/73 - 12/74	MS232
				MS613
M160 D11FS	BF6L913	/	09/73 - 12/74	MS232
				MS613
M160 D12/15AK	BF6L913	/	09/73 - 12/74	MS232
				MS613
M160 D12/15K	BF6L913	/	09/73 - 12/74	MS232
				MS613
M160 D15FAK	BF6L913	/	09/73 - 12/74	MS232
				MS613
M160 D16FL	BF6L913	/	09/73 - 12/74	MS232
				MS613
M160 D16L	BF6L913	/	09/73 - 12/74	MS232
				MS613
M600	Deutz 2012 L06 2V	/	01/07 -	MS65
M610	Deutz 2012 L06 2V	/	01/07 -	MS65
M620	Deutz 2012 L06 2V	/	01/07 -	MS65
M640	Deutz 2012 L06 4V	/	01/07 -	MS65
M650	Deutz 2012 L06 4V	/	01/07 -	MS65
TTV 1130	BF6M 1013E	92 / 125	01/01 - 12/03	MS446
TTV 1145	BF6M 1013E	103 / 140	01/01 - 12/03	MS446
TTV 1160	BF6M 1013E	110 / 149	01/01 - 12/03	MS446
X 710	TCD 2013 L6 4V	147 / 199	01/06 -	MS446
				MS65
X 720	TCD 2013 L6 4V	184 / 250	01/06 -	MS446

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
X710	Deutz 2013 L06 4V	/	01/06 -	MS65
X720	Deutz 2013 L06 4V	/	01/06 -	MS65

DIECI

TELEHANDLER

MAX 60.9VS	105kW,FPT F4LHFE 413C	/	03/71 - 12/86	MS168
	FPT F4LHFE 413C	/	03/71 - 12/86	MS168
MAX 65.8VS	105kW,FPT F4LHFE 413C	/	04/82 - 12/86	MS168
	FPT F4LHFE 413C	/	04/82 - 12/86	MS168
MAX 70.10	105kW,FPT F4LHFE 413C	/	04/82 - 12/86	MS168
	FPT F4LHFE 413C	/	04/82 - 12/86	MS168
PLUS 38.9VS	105kW,FPT F4LHFE 413C	/	03/72 - 12/86	MS168
	FPT F4LHFE 413C	/	03/72 - 12/86	MS168
PLUS 40.7VS	105kW,FPT F4LHFE 413C	/	-	MS168
	FPT F4LHFE 413C	/	-	MS168
STAR 40.7	DFP PXL04.5SC8	/	-	MS168
TECH 32.9VS	105kW,FPT F4LHFE 413C	/	-	MS168
	FPT F4LHFE 413C	/	-	MS168
TECH 35.7VS	105kW,FPT F4LHFE 413C	/	-	MS168
	FPT F4LHFE 413C	/	-	MS168

DITCH WITCH

SPECIAL EQUIPMENT

5010		/	-	MS446
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DOOSAN

TELEHANDLER

DT70	127HP,4-cyl,NEF	/	-	MS138
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DOW WARNER

SPECIAL EQUIPMENT

50C-2	4.236T Perkins	/	-	MS148
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DRESSER

LOADERS

100	4B3,4BT3,9	/	-	MS148
510B	4BT3,9	/	-	MS148

EBRO

FARM EQUIPMENT

E470		/	01/76 -	MS49
MF165		/	01/75 - 01/78	MS49
MF265		/	01/76 -	MS49

EICHER

TRACTORS

MAMMUT	Perkins 3.152	/	01/75 -	MS243
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ERKUNT TRACTOR

FARM EQUIPMENT

1004	102HP,1104-44TA,Tier 3	/	01/12 -	MS399
	1104-44TA	/	01/12 -	MS399
1104	1104-44TA,110HP,Tier 3	/	01/12 -	MS399
1504E	1104D-44TA,75kW,Tier 3	/	-	MS399
502E	1103D-33TA,3-cyl,31kW,Tier3	/	-	MS297
504E	1103D-33TA,3-cyl,31kW,Tier3	/	-	MS297
602E	1104A-44,4-cyl,66HP	/	-	MS399
604E	1104A-44,4-cyl,66HP	/	-	MS399

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
ERKUNT TRACTOR (continued)				
652 LUX	1103D-33TA,3-cyl,47kW,Tier3	/	-	MS297
652E	1103D-33TA,3-cyl,47kW,Tier3	/	-	MS297
654 LUX	1103D-33TA,3-cyl,47kW,Tier3	/	-	MS297
654E	1103D-33TA,3-cyl,47kW,Tier3	/	-	MS297
702	1104A-44,4-cyl,73HP	/	-	MS399
702 LUX	1103D-33TA,3-cyl,50kW,Tier3	/	-	MS297
702E	1103D-33TA,3-cyl,42,5kW	/	-	MS297
	1104A-44,4-cyl,73HP	/	-	MS399
704	1104A-44,4-cyl,73HP	/	-	MS399
704 LUX	1103D-33TA,3-cyl,50kW,Tier3	/	-	MS297
704E	1104A-44,4-cyl,73HP	/	-	MS399
704E+	1104D-44TA,4-cyl,54kW	/	-	MS399
802	1104D-44T,76HP,Tier 3	/	-	MS399
804	1104D-44T,76HP,Tier 3	/	-	MS399
804.3 LUX	1103D-33TA,3-cyl,58kW,Tier3	/	-	MS297
804.3E	1103D-33TA,3-cyl,58kW,Tier3	/	-	MS297
804.4 LUX	1104D-44TA,55kW,Tier 3	/	-	MS399
804.4E	1104D-44TA,55,5kW,Tier 3	/	-	MS399
852	1104D-44,76HP,Tier 3	/	-	MS399
852E	1104A-44,4-cyl,83HP	/	-	MS399
854	1104D-44,76HP,Tier 3	/	-	MS399
854E	1104A-44,4-cyl,83HP	/	-	MS399
854E+	1104D-44TA,4-cyl,5kW,61	/	-	MS399
904E	1104-44TA	/	-	MS399
	1104-44TA,5HR,92,Tier 3	/	-	MS399
	1104D-44TA,68kW,Tier 3	/	-	MS399

EUROMACCHINE

SPECIAL EQUIPMENT

LA 01 AO	44kW,FPT F32 SM1A	/	-	MS24
	FPT F32 SM1A	/	-	MS24
LA 01 SP	44kW,FPT F32 SM1A	/	08/78 - 12/79	MS24
	FPT F32 SM1A	/	08/78 - 12/79	MS24
LA 02 AO	55kW,FPT N45 SM1A	/	01/97 -	MS168
	FPT N45 SM1A	/	01/97 -	MS168
LA 02 SP	44kW,FPT F32 SM1A	/	-	MS24
	FPT F32 SM1A	/	-	MS24
LA 03 AO	55kW,FPT N45 SM1A	/	10/79 -	MS168
	FPT N45 SM1A	/	10/79 -	MS168
LA 03 SP	55kW,FPT N45 SM1A	/	01/96 -	MS168
	FPT N45 SM1A	/	01/96 -	MS168
LA 04 AO	55kW,FPT N45 SM1A	/	01/96 -	MS168
	FPT N45 SM1A	/	01/96 -	MS168
LA 04 SP	55kW,FPT N45 SM1A	/	-	MS168
	FPT N45 SM1A	/	-	MS168
LA 05 AO	5kW,64,FPT N45 TM1A	/	-	MS168
	FPT N45 TM1A	/	-	MS168
LA 05 SP	55kW,FPT N45 SM1A	/	01/80 -	MS168
	FPT N45 SM1A	/	01/97 -	MS168
LA 06 AO	5kW,64,FPT N45 TM1A	/	01/97 -	MS168
	FPT N45 TM1A	/	01/97 -	MS168
LA 06 SP	55kW,FPT N45 SM1A	/	01/99 -	MS168
	FPT N45 SM1A	/	01/99 -	MS168
LA 07 AO	76kW,FPT N45 TM2A	/	01/97 -	MS168
	FPT N45 TM2A	/	01/97 -	MS168
LA 07 SP	5kW,64,FPT N45 TM1A	/	01/99 -	MS168
	FPT N45 TM1A	/	01/99 -	MS168
LA 08 AO	76kW,FPT N45 TM2A	/	01/97 -	MS168
	FPT N45 TM2A	/	01/97 -	MS168

FARMER

FARM EQUIPMENT

F5-11278	4-cyl,71kW,FPT,Tier 3a	/	-	MS168
	FPT	/	-	MS168

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
F5-12277S	4-cyl,82kW,FPT,Tier 3a	/	-	MS168
	FPT	/	-	MS168
F5-12278	4 cyl,82kW,FPT,Tier 3a	/	-	MS168
	FPT	/	-	MS168

FARMTRAC

TRACTORS

675	75HRPerkins 1104D-44T	/	-	MS399
675 DT	75HPPerkins 1104D-44T	/	-	MS399
685 DT	83HRPerkins 1104D-44T	/	-	MS399
690 DT	88HRPerkins 1104D-44T	/	-	MS399
	Perkins 1104D-44T	/	-	MS399
7100 DT	98HRPerkins 1104DT-44T	/	-	MS399
	Perkins 1104DT-44T	/	-	MS399
7100 DT-III B	1204 E-E44TA,Tier 4	75 / 101	01/12 -	MS718
7110 DT	110HRPerkins 1104D-44TA	/	-	MS151
	Perkins 1104D-44TA	/	-	MS151
7110 DT-III B	1204 E-E44TA,Tier 4	82 / 111	01/12 -	MS718

FENDT (AGCO)

TRACTORS

1 D	MWM D 325-3	25 / 34	01/71 -	MS351
				MS394
1 E	MWM D 325	22 / 30	01/71 -	MS313
10 S	MWM D 225-6	59 / 80	01/70 -	MS353
				MS394
102	39HR,MWM-D325-3	/	01/72 - 12/82	MS351
102/S	MWM D 325	29 / 39	01/72 -	MS351
				MS394
102/S/SA/LSA	MWM D 226-3	33 / 45	01/72 -	MS353
				MS394
102S	45HR,MWM-D226-B3	/	01/72 - 12/82	MS351
103	48HR,MWM-D225-3	/	01/72 - 05/82	MS351
103 S	MWM D 225-3	35 / 48	01/72 -	MS351
				MS394
	MWM D 226-3	35 / 48	01/72 -	MS351
				MS394
103 SA	D 225-3	35 / 48	01/72 -	MS351
				MS394
103S	48HR,MWM-D226-B3	/	01/72 - 12/82	MS351
103SA	48HR,MWM-D225-3	/	01/72 - 12/82	MS351
104 S	D 226-3	40 / 55	01/76 -	MS351
				MS394
104 SA	D 226-3	40 / 55	01/76 -	MS351
				MS394
105 S	MWM D 225-4	44 / 60	01/72 -	MS394
105 S/LS/SA	MWM D 226-4	44 / 60	01/75 -	MS353
				MS394
105S	60HR,MWM-D225-4	/	01/72 - 06/75	MS353
105S/FW258	60HR,MWM-D226-4	/	02/77 -	MS353
106 S	D 225-4	48 / 65	01/72 -	MS353
				MS394
106 S/S TURBOMATIC	MWM D 226-4	48 / 65	01/75 -	MS353
				MS394
106 SA	D 225-4	48 / 65	01/72 -	MS353
				MS394
106S	65HR,MWM D226-4	/	01/75 -	MS351
	65HR,MWM-D225-4	/	01/72 - 06/75	MS353
108 LS	D 226-4	48 / 65	01/74 - 11/80	MS353
108 S	D 226-4	48 / 65	01/75 -	MS353
				MS394
108 SA	D 226-4	48 / 65	01/75 -	MS353
				MS394
10S	80HR,MWM D225-6	/	01/70 - 12/72	MS353
11 S	MWM D 225-6	59 / 80	01/70 -	MS353
				MS394
11S	80HR,MWM D225-6	/	01/70 - 12/72	MS353
12 SA	MWM D 226-6	81 / 110	01/70 -	MS353

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FENDT (AGCO) (continued)				
120S	39HRMWM-D325-3	/	01/72 - 12/82	MS394
12SA	110HRMWM D226-6	/	01/70 - 12/72	MS353
1D	34HRMWM-D325-3	/	01/71 - 12/73	MS351
1E	30HRMWM-D325-2	/	01/68 - 05/74	MS313
2 D	F3L 912	33 / 45	01/68 - 12/71	MS277
				MS446
	MWM D 208-3	26 / 35	01/61 -	MS313
2 DE	D 208-3	26 / 35	01/61 -	MS313
200 S, 200 V	F 3L 912	26 / 35	01/74 -	MS277
				MS446
200 SA, 200 VA	F 3L 912	26 / 35	01/74 -	MS308
				MS446
200S	35HRKHD-F3L912	/	02/74 - 08/88	MS446
	KHD-F3L912	/	02/74 - 08/88	MS446
200S/FL146	KHD-F3L912	/	02/79 - 08/88	MS446
			09/88 -	MS277
200SA	35HRKHD F3L912	/	01/74 - 12/87	MS277
200V/FL145	KHD-F3L912	/	02/79 - 08/88	MS446
			09/88 -	MS446
201 S	F 3L 912	31 / 42	01/75 -	MS308
				MS446
201 SA	F 3L 912	31 / 42	01/75 -	MS308
				MS446
201SA	42HRKHD-F3L912	/	01/74 - 12/82	MS277
201VA	57HRKHD-F4L912	/	01/74 - 12/87	MS220
203 P, 203 V	F 3L 913	42 / 57	01/74 - 12/87	MS277
				MS446
203 PA, 203 VA	F 3L 913	42 / 57	01/74 - 12/87	MS277
				MS446
203P	57HRKHD-F3L913	/	01/87 -	MS220
203P/FL156	KHD-F3L912	/	02/79 - 08/88	MS277
203PA	57HRKHD F3L913	/	01/87 -	MS220
203V	57HRKHD F3L913	/	01/87 -	MS220
203VA	57HRKHD F3L913	/	01/87 -	MS446
204 P, 204 V	F 4L 912	48 / 65	01/74 -	MS277
				MS308
				MS446
204 PA, 204 VA	F 4L 912	48 / 65	01/74 -	MS277
				MS308
				MS446
204P	57HRKHD-F4L912	/	-	MS220
204P/FL166	KHD-F4L912	/	01/92 -	MS308
204PA	65HRKHD-F4L912	/	-	MS308
204V	57HRKHD-F4L912	/	-	MS220
205 P	F 4L 913 D	53 / 72	01/83 -	MS308
				MS446
205 PA	F 4L 913 D	53 / 72	01/83 -	MS308
				MS446
205P	72HRKHD-F4L913	/	01/83 -	MS308
205PA	72HRKHD-F4L913	/	01/83 -	MS308
206 F, 206 V	BF 3L 914	48 / 65	01/03 -	MS308
				MS446
206 FA, 206 VA	BF 3L 914	48 / 65	01/03 -	MS308
				MS446
207 F, 207 V	BF 3L 914	48 / 65	01/03 -	MS308
				MS446
207 FA, 207 VA	BF 3L 914	48 / 65	01/03 -	MS308
				MS446
208 PA/VA	DEUTZ BF4L 914	63 / 85	01/03 -	MS308
				MS446
208FA	86HRKHD-BF4L914	/	01/03 -	MS446
231 GT	MWM D 308-3	26 / 35	01/72 -	MS313
	MWM D 325-3	26 / 35	01/87 -	MS351
				MS394
240 S	DEUTZ F3L 912	30 / 40	01/87 - 12/93	MS308
				MS446

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
240S	40HPKHD-F3L912	/	01/87 - 12/93	MS277
250 S/V	DEUTZ F3L 912	37 / 50	01/87 - 12/02	MS277
				MS446
250 SA/VA	DEUTZ F3L 912	37 / 50	01/87 - 12/02	MS277
				MS446
250P	60HPKHD-F3L913	/	01/87 - 12/96	MS446
250S	50HPKHD-F3L912	/	01/87 - 12/02	MS446
	60HPKHD-F3L913	/	01/87 - 12/96	MS277
250SA	50HPKHD-F3L912	/	01/87 - 12/02	MS446
250V	50HPKHD-F3L912	/	01/87 - 12/02	MS446
	60HPKHD-F3L913	/	01/87 - 12/96	MS277
250VA	50HPKHD F3L912	/	01/87 - 12/02	MS277
255 GT	F3L 912	37 / 50	01/76 -	MS277
				MS446
260 P/S/V	DEUTZ F3L 913	44 / 59	01/87 - 12/96	MS277
				MS446
260 PA/SA/VA	DEUTZ F3L 913	44 / 59	01/87 - 12/96	MS277
				MS446
260PA	60HPKHD-F3L913	/	01/87 - 12/96	MS277
260S	66HPKHD 3-cyl	/	-	MS446
	KHD 3-cyl	/	-	MS446
260SA	60HPKHD-F3L913	/	01/87 - 12/96	MS277
260VA	60HPKHD-F3L913	/	01/87 - 12/96	MS277
270 P/V	DEUTZ F4L 912	51 / 69	01/88 - 12/96	MS308
				MS446
270 PA/VA	DEUTZ F4L 912	51 / 69	01/88 - 12/96	MS308
				MS446
270P	70HPKHD-F4L912	/	01/88 - 12/96	MS220
270PA	70HPKHD-F4L912	/	01/88 - 12/96	MS446
270V	70HPKHD-F4L912	/	01/88 - 12/96	MS308
270VA	70HPKHD-F4L912	/	01/88 - 12/96	MS308
275 GT	F4L 912	51 / 69	01/76 -	MS277
				MS446
275 S, 275 V	F 4L 913 D	55 / 75	01/88 - 12/96	MS308
				MS446
275 SA, 275 VA	F 4L 913 D	55 / 75	01/88 - 12/96	MS308
				MS446
275S	75HPKHD-F4L913	/	01/88 - 12/96	MS446
	KHD-F4L913	/	01/88 - 12/96	MS446
275SA	75HPKHD-F4L913	/	01/88 - 12/96	MS446
275V	75HPKHD-F4L913	/	01/88 - 12/96	MS446
275VA	75HPKHD-F4L913	/	01/88 - 12/96	MS277
280 P	F 4L 913 D	59 / 80	01/96 -	MS308
				MS446
280 PA	F 4L 913 D	59 / 80	01/96 -	MS308
				MS446
280P	80HPKHD-F4L913	/	01/96 - 12/02	MS446
	KHD-F4L913	/	01/96 - 12/02	MS446
280PA	80HPKHD-F4L913	/	01/96 - 12/02	MS277
	KHD-F4L913	/	01/96 - 12/02	MS277
280S	KHD-F4L913	59 / 80	01/96 - 12/02	MS446
2E	D325-2	/	01/68 - 05/74	MS313
	MWM-D208-3	/	01/68 - 08/70	MS313
2N	MWM-D208-3	/	10/69 - 12/74	MS313
2S	D 208-3	30 / 41	01/68 - 12/72	MS313
3 S	D 208-4	35 / 48	01/66 - 12/72	MS313
		40 / 54	01/63 -	MS353
				MS394
	MWM D 225-4	45 / 61	01/67 -	MS353
				MS394
300	TCD2012 L4 2V	/	-	MS65
303 LS	D 226-3	38 / 52	01/82 -	MS353
				MS394
303 LSA	D 226-3	38 / 52	01/82 -	MS353
				MS394
303LS	52HRMWM-D226-3	/	01/82 - 12/85	MS353
	MWM-D226-3	/	01/82 - 12/85	MS353
303LSA	52HRMWM-D226-3	/	01/82 - 12/85	MS353
	MWM-D226-3	/	01/82 - 12/85	MS353
304 LSA	TD 226-B	52 / 70	01/85 -	MS353
				MS394

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FENDT (AGCO) (continued)				
304 S, 304 LS	TD 226-B	52 / 70	01/85 -	MS353 MS394
304LS	70HPMWM TD226-B3 MWM TD226-B3	/	01/85 -	MS353 MS353
304LSA	70HPMWM TD226-B3 MWM TD226-B3	/	01/85 -	MS353 MS353
304S	70HPMWM TD226-B3 MWM TD226-B3	/	01/85 -	MS353 MS353
305 LS	D 226 B-4	52 / 70	01/87 - 12/93	MS353 MS394
	D 227-4	45 / 61	01/80 -	MS351 MS394
305 LSA	D 226 B-4	52 / 70	01/87 - 12/93	MS353 MS394
	D 227-4	45 / 61	01/80 -	MS353 MS394
305LS	61HPMWM-D227-4 70HPMWM TD226-B4	/	01/80 - 12/93 01/87 - 12/93	MS353 MS353
305LSA	61HPMWM-D227-4 70HPMWM TD226-B4	/	01/80 - 01/87 - 12/93	MS353 MS353
305LSW/162	61HPMWM-D227-4	/	02/80 - 12/93	MS353
306 LS	D 226 B-4	55 / 75	01/87 - 12/93	MS353 MS394
306 LSA	D 226 B-4	55 / 75	01/87 - 12/93	MS353 MS394
306LS	75HPMWM-D226-B4	/	01/87 - 12/93	MS353
306LS/FW168	70HPMWM D226-B4 75HPMWM-D226-B4	/	02/80 - 02/80 -	MS353 MS353
306LSA	75HPMWM-D226-B4	/	01/87 - 12/93	MS353
307 A	TD 226-B	55 / 75	01/93 - 12/98	MS353 MS394
307 C	BF 4M 1012 E	55 / 75	01/97 -	MS220 MS446
307 CA	BF 4M 1012 E	55 / 75	01/97 -	MS220 MS446
307 LS	D 226-4	55 / 75	01/90 -	MS353 MS394
307 LS, 307 LSE	TD 226-B	52 / 70	01/85 -	MS353 MS394
307 LSA	D 226-4	55 / 75	01/90 -	MS353 MS394
	TD 226-B	52 / 70	01/85 -	MS353 MS394
308 C	BF 4M 1012 EC	63 / 86	01/97 -	MS308 MS446
308 CA	BF 4M 1012 EC	63 / 86	01/97 -	MS308 MS446
308 LS, 308 LSE	TD 226-B	60 / 82	01/90 -	MS353 MS394
308 LSA	TD 226-B	60 / 82	01/90 -	MS353 MS394
309	TD 226-B	70 / 95	01/93 - 12/01	MS446
309 CA	BF 4M 1012 EC	70 / 95	01/97 -	MS308 MS446
309 LSA	TD 226-B	66 / 90	01/81 - 12/98	MS308
310 LSA	D 226 B-4	74 / 100	01/90 -	MS353 MS394
	TD 226-4	68 / 92	01/85 -	MS353 MS394
310 LSE	D 226 B-4	74 / 100	01/90 -	MS353 MS394
311 LSA	D 226 B-6	81 / 110	01/91 -	MS353 MS394
311 LSE	D 226 B-6	81 / 110	01/91 -	MS353 MS394
312 LSA	D 226 B-6	85 / 115	01/91 -	MS353 MS394

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
350 GT	F3L 912	37 / 50	01/96 -	MS277 MS446
370 GT	F 4L 913 D	55 / 75	01/98 - 12/04	MS277 MS446
370 GTA	F 4L 913 D	55 / 75	01/98 - 12/04	MS277 MS446
4 S	MWM D 225-6	59 / 80	01/70 -	MS353 MS394
400	TCD2013 L6 4V	/	-	MS65
4S	80HR,MWM D225-6	/	01/67 - 12/70	MS353
	MWM-D208-4: 54HP	/	01/68 - 05/72	MS313
5 S	MWM D 208-4	48 / 65	01/70 -	MS313
509 CA	MWMTD 226-B	70 / 95	01/94 - 12/99	MS353 MS394
509CA	95HR,MWM TD226 B-4	/	01/94 - 12/99	MS353
510 CA	MWMTD 226-B	77 / 104	01/93 - 12/99	MS353 MS394
510C/CA	105HR,MWM TD226 B-4	/	01/93 - 12/99	MS353
511 CA	MWM D 226 B-6	85 / 116	01/94 - 12/99	MS353 MS394
511C/CA	115HR,MWM D226 B-6	/	01/94 - 12/99	MS353
512 CA	MWMTD 226 B-6	92 / 125	01/93 - 12/99	MS353 MS394
512CA	125HR,MWM D226 B-6	/	01/93 - 12/99	MS353
514 CA	MWMTD 226 B-6	103 / 140	01/93 - 12/99	MS353 MS394
514C	MWMTD226-6	/	01/93 - 12/99	MS353
514CA	140HR,MWM D226 B-6	/	01/93 - 12/99	MS394
515 CA	MWMTD 226 B-6	110 / 149	01/93 - 12/99	MS353 MS394
515CA	150HR,MWM D226 B-6	/	01/93 - 12/99	MS353
5S	MWM-D208-4: 65HP	/	01/70 - 12/76	MS313
600 LS	MWM D 227-6	63 / 86	01/76 -	MS353 MS394
600LS/FW28	86HR,MWM D227-6	/	02/76 - 12/79	MS353
600LS/FW280	86HR,MWM D227-6	/	01/79 - 12/86	MS353
610 LS	D 226-6	66 / 90	01/84 -	MS353 MS394
	D 227-6	70 / 95	01/79 - 12/84	MS353 MS394
610 LSA	D 226-6	66 / 90	01/84 -	MS353 MS394
	D 227-6	70 / 95	01/79 - 12/84	MS353 MS394
610 SA	D 225-6	63 / 85	01/72 - 12/76	MS353
610 SL	D 226-6	67 / 91	01/76 - 12/78	MS353
610LS/FW28	95HR,MWM D226-6	/	02/78 - 12/86	MS353
610LS/FW281	95HR,MWM D226-6	/	01/79 - 04/87	MS353
610LSA	90HR,MWM D226-6	/	01/79 - 12/86	MS394
	95HR,MWM D227-6	/	01/79 - 12/84	MS353
611 LS/LSA	MWM D 226-6	77 / 105	01/76 - 12/93	MS394
611 LSA	D 226-6	92 / 125	01/85 - 12/93	MS353
611 S	D 226-6	77 / 105	01/72 - 12/76	MS353
611 SA	D 226-6	77 / 105	01/72 - 12/76	MS353
611 SL	D 226-6	77 / 105	01/76 - 12/78	MS353
611LS/FW28	105HR,MWM D226-6	/	02/76 - 12/93	MS353
611LS/FW282	105HR,MWM-D226-6	/	01/86 - 12/93	MS353
612 LSA	D 226-6	106 / 145	01/88 - 12/93	MS394
612 S	D 226-6	88 / 120	01/72 - 12/76	MS353
612LS/FWA2	120HR,MWM D226-6	/	02/76 - 12/79	MS353
612LS/FWA283	120HR,MWM-D226-6	/	01/72 - 12/93	MS353
614LS/FWA2	135HR,MWM TD226-6	/	02/78 - 12/83	MS353
615 LS, 615 SL	TD 226-6	110 / 150	01/76 - 12/84	MS353 MS394
615 LSA	TD 226-6	110 / 150	01/76 - 12/84	MS353 MS394
711 VARIO, 712 VARIO	DEUTZ BF6M 2013	85 / 116	01/06 -	MS308 MS466
716 VARIO	Deutz 6-cyl: 160HP	/	01/93 - 12/03	MS308
720	6cyl. 147kW,Deutz	/	-	MS69

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FENDT (AGCO) (continued)				
	Deutz	/	-	MS69
722	6cyl. 162kW,Deutz	/	-	MS69
	Deutz	/	-	MS69
724	6cyl. 176kW,Deutz	/	-	MS69
	Deutz	/	-	MS69
816	170HRD0826L1	/	01/93 - 12/03	MS439
818	D 0836 TE	140 / 190	01/93 - 12/04	MS439
	TCD2013 L6 4V	/	-	MS65
820	TCD2013 L6 4V	/	-	MS65
822	D 0836 TE	154 / 210	01/93 - 12/04	MS439
824	D 0836 TE	169 / 230	01/93 - 12/04	MS439
900	TCD2013 L6 4V	/	-	MS69
916	260HRD0826L2	/	01/99 - 12/03	MS439
	D0826L2	/	01/99 - 12/03	MS439
916 VARIO	260HRD0826L2	/	01/99 - 12/03	MS439
	D0826L2	/	01/99 - 12/03	MS439
918NA	D0826L2	/	01/99 - 12/03	MS439
920 VARIO	220HRD0826L2	/	01/99 - 12/03	MS439
	D 0826 LE 530	147 / 200	01/97 - 12/02	MS439
920NA	220HRD0826L2	/	01/99 - 12/03	MS439
	D0826L2	/	01/99 - 12/03	MS439
924 VARIO	240HRD0826L2	/	01/99 - 12/03	MS439
	D 0826 LE 527	169 / 230	01/97 - 12/02	MS439
924NA	240HRD0826L2	/	01/99 - 12/03	MS439
	D0826L2	/	01/99 - 12/03	MS439
926	D0826L3	/	01/99 - 12/03	MS439
926 VARIO	D 0826 LE 531	191 / 260	01/97 - 12/02	MS439
926NA	260HRD0826L3	/	01/99 - 12/03	MS439
	D0826L3	/	01/99 - 12/03	MS439
926PL	260HRD0826L3	/	01/99 - 12/03	MS439
	D0826L3	/	01/99 - 12/03	MS439
F 231 GT	MWM D 327-3	26 / 35	01/87 -	MS351
				MS394
F 231GT	35HRD308-3	/	09/65 - 12/78	MS313
	35HRD-325-3	/	01/67 - 12/91	MS351
	35HRD327-3	/	01/87 -	MS351
F 255GT	50HRF3L912	/	01/76 - 12/82	MS277
F 275GT	69HRF4L912	/	09/86 - 12/94	MS277
F 345 GT/GTM	DEUTZ F3L 912	33 / 45	01/84 - 12/96	MS277
				MS446
F 345GT	45HRF3L912	/	01/84 - 12/96	MS277
F 350GT	45HRF3L912	/	01/84 - 12/96	MS277
F 360 GT/GTF/GTH	DEUTZ F3L 913	44 / 60	01/84 - 12/96	MS277
				MS446
F 360GT	60HRF3L913	/	01/84 - 12/96	MS220
F 365 GTA	DEUTZ F4L 912	48 / 65	01/85 - 12/96	MS277
				MS446
F 365GT	65HRF4L912	/	01/85 - 12/96	MS220
F 370GT	75HRF4L913	/	01/98 - 12/04	MS220
F 370GTA	75HRF4L913	/	01/94 - 12/04	MS220
F 380 GT/GTA/GTF	DEUTZ F4L 913D	60 / 81	01/84 -	MS277
				MS446
F 380 GTA	DEUTZ BF4L 913T	70 / 95	01/98 -	MS308
				MS446
F 380GT	80HRF4L913	/	01/84 - 12/98	MS220
F 380GTA	95HRBF4L913	/	01/94 - 12/04	MS308
F 390 GTA	DEUTZ F6L 912	74 / 101	01/85 - 12/95	MS308
				MS446
F 390GTA	100HRF6L612	/	01/85 - 12/95	MS308
F 395 GTA/GHA	DEUTZ F6L 913D	85 / 115	01/89 - 12/98	MS308
				MS446
F 395GTA	115HRF6L613	/	01/89 - 12/98	MS308
TS 65	MWM-TD225-4	/	01/70 - 12/85	MS353

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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FERMEC

BACKHOE LOADER

750	Perkins 1004.4	/	-	MS315
760	Perkins 1004.4T	/	-	MS315
860	Perkins 1004.4T	/	01/01 -	MS315
865	Perkins 1004.4T	/	-	MS315
960	Perkins 1004.4T	/	-	MS315
965	Perkins 1004.4T	/	-	MS315

LOADERS

640B	Perkins 1004.42	/	02/79 - 08/83	MS315
650B	Perkins 1004.40T	/	06/71 - 08/83	MS315

FERRARI

TRACTORS

305	LOMB.-6LD360	/	03/92 -	MS359
				MS636
	LOMB.-6LD400	/	03/92 -	MS359
				MS636
306	LOMB.-6LD400	/	03/92 -	MS359
				MS636
307	LOMB.-6LD400	/	03/92 -	MS359
				MS636
71	Ruggerini-RD 81	/	06/80 - 12/83	MS359
				MS636
718	Lomb.-LDA 510	/	06/80 - 12/83	MS359
				MS636
72 S	Ruggerini-RF 120	/	01/81 - 12/87	MS359
				MS636
	Ruggerini-RF 130	/	01/71 - 12/89	MS359
				MS636
72S	3LD510	/	03/92 -	MS359
				MS636
76	Lombardini-LDA 673	/	06/80 -	MS190
	Ruggerini P101/2	/	06/80 - 12/80	MS330
792	LOMB.-6LD400	/	03/92 -	MS359
				MS636
794	LOMB.-6LD400	/	03/92 -	MS359
				MS636
800	Ruggerini RD 200	/	12/85 - 12/89	MS359
				MS636
85	Lombardini-LDA 673	/	06/80 -	MS190
86	Lombardini-LDA 833	/	06/80 -	MS190
90	Lomb.-6 LD 325	/	06/80 - 05/85	MS359
				MS636
90 SB	Lomb.-6 LD 400	/	09/89 - 01/91	MS359
				MS636
91	LOMB.-6LD400	/	03/92 -	MS359
				MS636
92	LOMB.-3LD450	/	03/92 -	MS359
				MS636
93	Rugg.-RD200	/	02/95 -	MS252
93 T	Lomb.-10 LD 400.2	/	05/82 - 12/87	MS359
				MS636
933	Slanzi-DVA1750	/	01/82 - 12/89	MS190
94	Lomb.LDA100/820	/	06/80 -	MS392
94 SLT	Slanzi-DVA1750	/	09/89 - 12/91	MS190
95	Slanzi-DVA1550/1750	/	06/80 - 09/84	MS190
	VM-298SV	/	06/80 -	MS391
T 72	Lomb.-LDA 510	/	06/80 - 12/81	MS359
				MS636
T 93	Ruggerini-RD 200	/	01/88 -	MS359
				MS636

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FIAT				
FARM EQUIPMENT				
1000	8065.02.007	74 / 100	01/72 - 12/76	MS207
1000S	8065.04.200	81 / 110	01/76 - 12/79	MS278
100-90	8065.06.000	74 / 100	01/84 - 01/88	MS278
115-90	8065.05.000	85 / 116	01/84 - 12/90	MS278
1180	8065.04.200	84 / 114	01/79 - 12/84	MS278
1280	8065.24.300	90 / 122	01/79 - 12/84	MS278
130-90	8065.25.010	95 / 130	01/84 - 12/90	MS278
1380	8065.24.000	99 / 135	01/79 - 12/84	MS278
140-90	8065.25.080	103 / 140	01/84 - 12/93	MS278
1580	8365.05.500,8365.25.501,8365.25.502,8365.25.503	114 / 154	01/79 - 12/84	MS278
160-90	8365.25.501,8365.25.502,8365.25.503	118 / 160	01/84 - 12/94	MS278
180-90	8365.25.500	132 / 179	01/84 - 12/94	MS278
1880	8365.25.500	132 / 179	01/79 - 12/84	MS278
400	8035.01	28 / 38	01/68 -	MS78
450	8035.01	33 / 45	01/68 - 12/81	MS78
466	8035.02	37 / 50	01/68 - 12/86	MS78
480	8035.02	35 / 48	01/73 - 12/84	MS78
500	8035.02	37 / 50	01/71 - 12/80	MS78
55-90	8035.06.200	40 / 55	01/84 - 12/92	MS78
566	8035.04.265	37 / 50	01/82 - 12/86	MS78
580	8035.04.270	43 / 58	01/78 - 12/84	MS78
600	8045.02	44 / 60	01/71 - 12/72	MS207
60-90	8035.05.214,8035.05.215	44 / 60	01/84 - 12/92	MS78
640	8045.02	47 / 64	01/73 - 12/80	MS207
666	8045.02	50 / 68	01/82 - 12/86	MS207
680	8045.02	50 / 68	01/78 - 12/84	MS207
70-90	8045.06.200,8045.06.208	51 / 70	01/84 - 12/92	MS207
80-90	8045.05.000	59 / 80	01/84 - 12/92	MS207
880/5	8055.04.200	65 / 88	01/80 - 12/84	MS207
90-90	8055.05.000	66 / 90	01/84 - 01/91	MS278
980	8065.02.200	72 / 98	01/79 - 12/84	MS278

FIAT-AGRI

FARM EQUIPMENT

545B	8061.1000Alles.009	/	09/81 - 12/82	MS195
FA120	8065.25.096	/	09/84 - 05/92	MS480
FB7	8045.04.293	/	01/84 - 01/85	MS480
FD10E	8065.25.099	/	05/90 - 12/92	MS480
FD5	8045.04.189	/	03/81 - 04/85	MS520
	8045.05.389	/	05/85 - 10/92	MS520

TRACTORS

100.90	8065.06.200	/	06/84 -	MS278
100.90/DT	8065.06.200	/	05/87 - 08/88	MS176
1000DT/DTS/S	8065.02.200	/	04/75 - 12/79	MS195
110.90	8065.05.220	/	11/84 -	MS278
110-90	8065.05.220	81 / 110	10/86 - 12/88	MS278
115.9	8065.05.000	/	-	MS176
115.90	8065.05.200	/	01/84 -	MS278
1180	8065.04.217	/	09/80 - 12/83	MS278
120	8065.05	/	01/84 -	MS176
1280	8065.24.300	/	04/81 - 12/83	MS278
130	8365.05.555	/	07/81 -	MS278
130.90	8065.25.010	/	01/84 -	MS278
1300 DT/S/DTS		/	-	MS366
1380	8065.24.000	/	09/80 - 12/83	MS195
1380DT		/	-	MS471
				MS708
140.90/DT	8065.25.000	/	05/85 - 08/88	MS176
1400.90	8065.25.000	/	01/84 -	MS278
1580	8365.05.500	/	07/81 - 12/83	MS278
1580TURBO	8365.25.501	/	01/83 - 12/83	MS278
160.90	8365.25.503	/	01/84 -	MS278
180.90	8365.25.502	/	01/84 -	MS278
1880	8365.25.500	/	09/80 - 12/83	MS278

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
25H2	8035.05.377	/	11/85 - 04/89	MS388
25H4	8035.05.377	/	11/85 - 04/89	MS388
25M2	8035.05.377	/	11/85 - 12/88	MS388
25M4	8035.05.377	/	11/85 - 12/88	MS388
30H2/H4	8035.05.377	/	11/85 - 04/89	MS388
30M2/M4	8035.05.377	/	11/85 - 12/88	MS388
402	/	/	-	MS107
404/DT	/	/	-	MS107
420/DT	/	/	-	MS107
440/DT/V	/	/	-	MS107
450/DT/DT DAL	/	/	-	MS107
455C DAL/C SUPER	/	/	-	MS107
45-66	8035.06.200, .220, .222, .321, .323	33 / 45	01/85 - 12/92	MS78
45-66S		33 / 45	01/96 - 12/99	MS78
465C	8035.02.276	/	06/82 - 12/84	MS388
				MS78
465C/CF/CV		/	-	MS388
466/DT	8035.02.276	/	02/82 - 12/86	MS78
			12/82 - 12/84	MS388
470DT/DTS		/	-	MS107
474	8035.02.212	/	04/83 - 12/84	MS388
				MS78
480.8DT		/	-	MS107
480DT/S	8035.02.302	/	01/76 - 03/82	MS388
480S/DT	8035.02.302	/	06/78 - 03/82	MS78
480S/V	/	/	-	MS107
500 S/DT	8035.02.202	/	06/78 - 03/82	MS78
500/DT	8035.02.201	/	03/76 - 03/82	MS78
500DT	8035.02.201	/	06/73 - 03/82	MS388
500DT/S	8035.02.202	/	06/78 - 03/82	MS388
500S	/	/	-	MS107
505 S	8035.04.272	/	12/80 - 07/82	MS78
505C	8035.02.372	/	01/73 - 12/80	MS388
505S	8035.04.272	/	12/80 - 07/82	MS388
540 S/DT	8035.025.302	/	06/78 - 03/82	MS78
540/DT	8035.02.302	/	03/72 - 06/78	MS186
540DT/S	8035.02.302	/	03/72 - 03/82	MS388
55.46	306,8035.06.206	/	01/85 - 12/88	MS388
55.46/65/66 2RM DT FRUTTETO	8035.06.200/206/208/222/306	/	03/84 - 08/88	MS78
55.46/65/66 DT VIGNETO/LP	8035.06.200/206/208/222/306	/	03/84 - 08/88	MS78
55.46/65/66 LP DT/VIGNETO	8035.06.200/206/208/222/306	/	03/84 - 08/88	MS78
55.56	306,8035.06.206	/	01/89 -	MS388
55.65	306,8035.06.206	/	10/84 - 02/89	MS388
55.66	8035.06.307	/	01/90 -	MS388
55.66 DT FRUTTETO	8035.06.323	/	04/85 -	MS388
55.66 VIGNETO	8035.06.222	/	04/85 -	MS388
55.66DT	8035.06.206	/	09/84 -	MS388
55.66DT VIGNETO	8035.06.222	/	05/87 -	MS388
55.66LP	8035.06.208	/	04/85 - 06/88	MS388
55.66LP/DT	8035.06.308	/	04/85 - 06/88	MS388
55.75	306,8035.06.206	/	03/89 -	MS388
55.88	317,8035.06.216	/	01/90 -	MS388
55.90	8035.06.200	/	03/84 - 06/89	MS388
	8035.06.200/206/208/222/306	/	03/84 - 08/88	MS78
55-66	8035.06.206, .208, .222, .307, .308, .323	40 / 54	01/85 - 12/92	MS78
55-66S	8035.06.206, .208, .222, .307, .308	40 / 54	01/96 - 12/99	MS78
55-88	8035.06.216,8035.06.317	40 / 55	01/89 - 12/93	MS78
565 C	8035.04.376	/	06/82 - 12/84	MS78
565C	8035.04.376	/	06/82 - 12/84	MS388
566	8035.04.376	/	02/82 - 12/84	MS388
				MS708
566/DT	8035.04.376	/	02/82 - 12/86	MS78
570 DT/F/V	8035.04.270/378	/	12/77 - 12/84	MS78
570DT	8035.04.270	/	12/77 - 02/82	MS388
570F/V	8035.04.378	/	09/80 - 12/84	MS388
580 DT	8035.04.270	/	12/77 - 02/84	MS78
580DT	8035.04.270	/	12/77 - 02/84	MS388
60.46	306,8035.05.206	/	09/87 - 12/88	MS388
60.56	8035.05.206	/	01/89 -	MS388
	8035.05.307	/	01/90 -	MS388

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FIAT-AGRI (continued)				
60.65	306,8035.05.206	/	10/84 - 01/89	MS388
60.66	8035.05.306	/	09/84 - 12/89	MS388
	8035.05.307	/	01/90 -	MS388
60.66 FRUTTETO	8035.05.208	/	04/85 - 06/88	MS388
60.66DT	8035.05.206	/	09/84 -	MS388
60.66DT FRUTTETO	8035.05.208	/	04/85 - 06/88	MS388
60.66LP/DT	8035.05.308	/	04/85 - 06/88	MS388
60.75	306,8035.05.206	/	03/89 -	MS388
60.88	317,8035.05.216	/	11/89 -	MS388
60.90/DT	8035.05.200/206/208/306/308	/	03/84 - 08/88	MS78
60.90DT	8035.05.200	/	03/84 - 06/89	MS388
605C/CS	8045.02.211	/	01/77 - 07/82	MS195
60-66	8035.05	44 / 59	01/92 - 12/96	MS78
60-88	8035.05.214,8035.05.215	44 / 60	01/89 - 12/93	MS78
60-94	8035.05	44 / 59	01/93 - 12/96	MS78
640DT	8045.02.200	/	10/72 - 03/82	MS195
65.46	320,8045.06.220	/	04/85 - 12/88	MS195
65.56	321,8045.06.220	/	01/90 -	MS195
65.66	321,8045.06.220	/	06/87 -	MS195
65.88	319,8045.06.219	/	11/89 -	MS195
65.90	8045.06.225	/	09/87 -	MS195
65-66	8045.06.213	48 / 65	01/85 - 12/91	MS78
65-66S	8045.06.213	48 / 65	01/96 - 12/99	MS78
65-88	8045.06.213, .225, .319, .326	48 / 65	01/89 - 12/93	MS207
65-90	8045.06.213	48 / 65	01/87 - 12/92	MS207
65-94	8045.06.225/319/326	48 / 65	01/93 - 12/96	MS207
665C	8045.02.276	/	06/82 - 12/84	MS195
666	8045.02.276	/	02/82 - 12/83	MS495
			02/82 - 12/84	MS195
666DT	8045.02.376	/	02/82 - 12/84	MS195
670	8045.02.278	/	09/80 - 04/82	MS195
670DT	8045.02.270	/	07/77 - 04/82	MS195
680DT	8045.02.270	/	07/77 - 02/84	MS195
70.56	307,8045.06.206	/	01/90 -	MS195
70.65	306,8045.06.206	/	10/84 - 02/89	MS195
70.66	8045.06.206	/	09/84 -	MS195
70.66 VIGNETO	309,8045.06.208	/	01/90 -	MS195
70.66DT	8045.06.307	/	01/90 -	MS195
70.66F/FDT/LP/DT	309,8045.06.208	/	01/90 -	MS195
70.75	307,8045.06.206	/	01/90 -	MS195
70.76	309,8045.06.208	/	01/90 -	MS195
70.88	317,8045.06.216	/	11/89 -	MS195
70.90	8045.06.200	/	03/84 -	MS195
70-66/S/DT	8045.06.213	51 / 69	01/92 - 12/96	MS78
70-88	8045.06.200,8045.06.208	51 / 69	01/89 - 12/93	MS207
72-94/DT	8045.06.200	51 / 69	01/93 - 12/96	MS207
765C	8045.04.276	/	06/82 - 12/84	MS195
766DT	8045.04.376	/	02/82 - 12/83	MS195
			02/82 - 12/84	MS195
780DT	8045.04.270	/	01/75 - 02/84	MS195
80.65	8045.06.200	/	10/84 - 02/89	MS195
80.66 2RM	8045.05.208	/	05/87 - 12/89	MS195
	8045.05.209	/	01/90 -	MS195
80.66 4RM	8045.05.308	/	05/87 - 12/89	MS195
	8045.05.309	/	01/90 -	MS195
80.66/DT	306,8045.06.206	/	09/84 - 12/89	MS195
	307,8045.05.207	/	01/90 -	MS195
80.75	8045.05.206	/	03/89 - 12/89	MS195
	8045.05.207	/	01/90 -	MS195
80.88	317,8045.05.216	/	11/89 -	MS195
80.90/DT	8045.05.205	/	03/84 -	MS195
80-66 LP/S	8045.05.000	59 / 80	01/92 - 12/96	MS207
80-88	8045.05.000	59 / 80	01/89 - 12/93	MS207
82-94	8045.05.000	59 / 80	01/93 - 12/96	MS207
85.55	300,8045.05.200	/	10/84 - 06/89	MS195
85.90	8045.25.310	/	01/91 -	MS195
855C	8045.04.275	/	02/81 - 12/84	MS195

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
85-90	8045.25.210,8045.25.310	62 / 84	01/87 - 12/92	MS207
8805	8055.04.200	/	09/80 - 08/82	MS195
			09/82 - 06/84	MS278
880DT		/	-	MS366
88-94	8045.25.210	62 / 84	01/93 - 12/96	MS207
90.90	8055.05.200	/	06/84 -	MS278
95.55	8055.05.205	/	10/84 -	MS278
955C	8055.04.205	/	02/81 - 12/84	MS278
980	8065.02.217	/	09/80 - 06/84	MS278
980DT	8065.02.217	/	09/80 - 06/84	MS278
BI 20C/25C/30C	8035.44.059	/	01/80 - 12/87	MS388
BIM 20/25	8035.42.055	/	01/72 - 12/82	MS388
DI 12/15	8035.02.353	/	01/71 - 12/82	MS388
DI 130	OM-8365.05.555	/	07/81 - 12/89	MS278
DI 130C	8061125	/	09/88 - 12/90	MS387
DI 150C	8061125	/	09/88 - 12/90	MS387
DI 23	8141167.01	/	01/88 - 12/90	MS335
DI 25C	8035.04.359	/	01/80 - 02/86	MS195
	8035.05.359	/	02/86 - 12/90	MS195
DI 30	8045.02.359	/	01/73 - 11/81	MS195
DI 30C	8035.04.359	/	01/80 - 02/86	MS195
	8035.05.359	/	02/86 - 12/90	MS195
	8045.04.359	/	07/81 - 05/85	MS195
DI 30CH	8045.05.359	/	06/85 - 12/90	MS195
DI 35	8045.02.359	/	01/73 - 11/81	MS195
DI 35C	8045.04.359	/	07/81 - 05/85	MS195
	8045.05.359	/	06/85 - 12/90	MS195
DI 40	8045.02.359	/	01/73 - 11/81	MS195
DI 40C	8045.04.359	/	07/81 - 05/85	MS195
	8045.05.359	/	06/85 - 12/90	MS195
DI 45C	8045.05.359	/	06/85 - 12/90	MS195
DI 50	8045.02.356	/	01/73 - 07/81	MS195
DI 50CH	8045.05.359	/	06/85 - 12/90	MS195
DI 60C	8045.05.359	/	06/85 - 12/90	MS195
DI 70	8055.04.250	/	01/81 - 12/81	MS195
DI 70C	8055.05.250	/	10/85 - 12/90	MS195
DI 80C	8055.05.250	/	10/85 - 12/90	MS195
DIM 20/25	8035.02.355	/	01/71 - 12/82	MS388
DIM 30	8045.02.358	/	01/73 - 11/81	MS195
DIM 35	8045.02.358	/	01/73 - 11/81	MS195
DM 12/15	8035.02.350	/	01/71 - 12/82	MS388
F 100	8065.05.210	73 / 99	01/93 - 12/96	MS278
F 100 DT	8065.05.300,8065.06.230	72 / 97	01/90 - 12/93	MS278
F 110 DT	8065.05	81 / 110	01/90 - 12/93	MS278
F 115	8065.05.000	85 / 115	01/93 - 12/96	MS278
F 120 DT	8065.05.000	84 / 114	01/90 - 12/93	MS278
F 130 DT	8065.25.010	94 / 127	01/90 - 12/96	MS278
F 140	8065.25.080	105 / 142	01/90 - 12/96	MS278
L 60	8035.05	44 / 59	01/96 - 12/98	MS78
L 65	8045.06.213/225,8045.06.319/326	48 / 65	01/96 - 12/98	MS207
L 75	8045.05	55 / 74	01/96 - 12/98	MS207
L85	8045.25.210,8045.25.310	63 / 85	01/96 - 12/98	MS207
L95	8045.25.380,8045.25.382	70 / 95	01/96 - 12/98	MS207
LT90	8045.25.375	66 / 89	01/98 - 12/04	MS207
R 450/DT	8035.01	/	06/72 - 09/80	MS388
R H2/H4	8035.05.377	/	11/85 - 04/89	MS388
R M2/M4	8035.05.377	/	11/85 - 12/88	MS388
TL100	8045.25.375	74 / 100	01/98 - 12/04	MS207
TL70	8045.06.200,8045.06.208	51 / 69	01/98 - 12/04	MS207
TL80	8045.05.000	59 / 80	01/98 - 12/04	MS207

FIAT-ALLIS

FARM EQUIPMENT

4	8035.02.210	/	11/70 - 07/78	MS388
645B	8361.05.500	/	12/80 - 12/82	MS186
655B	8065.04.089	/	01/78 - 12/85	MS387
65B	8061105A11017	/	01/86 -	MS387
FD9	8065.25.095	/	01/84 -	MS480
FE12/R	8041.1005ALL	/	12/86 - 12/88	MS387

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FIAT-ALLIS (continued)				
	8041I002.ALL004	/	02/82 - 03/85	MS389
FE16	8041I000ALL018	/	10/83 - 12/87	MS387
FE18	8065.04.097	/	01/82 - 07/85	MS480
FE18/R	8065.24.098	/	01/83 - 07/85	MS480
FG65A	8041.04.300	/	03/84 - 01/88	MS195
FL10E	8065.25.097	/	04/88 - 12/92	MS480
FL4C	361.8035.02.261	/	11/70 - 07/78	MS388
	8035.02.261	/	11/70 - 07/78	MS195
	8035.02.361	/	11/70 - 07/78	MS195
FL4C/6/9		/	-	MS366
FL4D	8035.02.365	/	11/70 - 07/78	MS195
FL5	8045.04.189	/	03/81 - 04/85	MS520
	8045.05.389	/	05/85 - 10/88	MS520
FL5B	8045.05.389	/	10/87 - 12/92	MS520
FL7	8065.04.095	/	03/82 - 02/86	MS480
FR10B	8065.05.290	/	12/85 - 12/90	MS480
FR10C	8065.05.290	/	01/90 -	MS480
FR7	8041.I05	/	04/85 - 04/88	MS387
	8041I002ALL006	/	12/82 - 03/85	MS389
FR9	8051.I05	/	04/85 - 09/87	MS387
	8051IA11012	/	12/82 - 03/85	MS387
S105B	CP3IVar2	/	01/70 - 11/76	MS177
	CP3IVar1	/	01/70 - 11/76	MS177
S11	CP3IVar3	/	05/76 - 01/82	MS177
S60	8045I	/	01/70 - 11/79	MS389
	CN3I	/	01/70 - 11/79	MS177
S70	CO3IVar1	/	01/71 - 12/77	MS177
S9	CO3/130IVar2	/	04/76 - 01/82	MS177
S90	CO3/130IVar1	/	01/71 - 12/77	MS177
	CP3IVar1	/	01/71 - 12/77	MS177
SL11	CP3IVar3	/	05/76 - 01/82	MS177
SL9	CO3/130IVar2	/	04/76 - 01/82	MS177
SR9	CO3/130IVar2	/	03/78 - 05/82	MS177

LOADERS

FB 80	D-229.4	/	-	MS349
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FORD

TRACTORS

5030		47 / 64	01/92 - 12/99	MS25 MS291
5100		48 / 65	01/88 - 12/91	MS25 MS291
5110		48 / 65	01/88 - 12/91	MS25 MS291
5610		48 / 65	01/88 - 12/91	MS25 MS291
5900		54 / 73	01/85 - 12/93	MS25 MS291
6410	BSD 444	59 / 80	01/88 - 12/91	MS25 MS291
6600		56 / 76 58 / 79	01/76 - 12/80 01/80 - 12/81	MS25 MS25
6610	BSD 444	60 / 82	01/81 - 12/85	MS25
6700		56 / 76	01/76 - 12/80	MS25
6710	BSD 444	60 / 82	01/81 - 12/85	MS25
6810		67 / 91	01/88 - 12/91	MS25
7000		70 / 95	01/75 - 12/75	MS25
7200		61 / 82	01/73 - 12/75	MS25
7600		48 / 65	01/75 - 12/76	MS25
7610		72 / 98	01/85 - 12/88	MS25 MS291
7700		48 / 65 68 / 92	01/76 - 12/80 01/80 - 12/81	MS25 MS25
7710		65 / 88	01/85 - 12/88	MS25 MS291

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
FUCHS				
LOADERS				
MHL331	BF6M2012C	/	-	MS232 MS613
GEHL				
LOADERS				
4640	3-cyl,34kW,F3M2011	/	-	MS219 MS641
	3-cyl,46kW,BF3M2011	/	-	MS219 MS641
	BF3M2011	/	-	MS219 MS641
	F3M2011	/	-	MS219 MS641
4640E	62HP,Deutz TD2009	/	-	MS74 MS74 OF
4840	4-cyl,65kW,F4M	/	-	MS27 MS641
	4-cyl,F4M	/	-	MS27 MS641
5240	62HP,Deutz TD2009	/	-	MS74 MS74 OF
5640	4-cyl,45kW,F4M2011	/	08/78 - 12/79	MS641 MS67
	4-cyl,60kW,BF4M2011	/	-	MS641 MS67
	BF4M2011	/	-	MS641 MS67
	F4M2011	/	-	MS641 MS67
6635DXT	BF4M1011F	/	01/92 - 01/96 -	MS27 MS641 MS27 MS641
6635SXT	BF4M1011F	/	01/80 - 08/82 01/96 -	MS27 MS641 MS27 MS641
6640	4-cyl,61kW,BF4M2011	/	09/82 - 12/91	MS27 MS641
	BF4M2011	/	-	MS27 MS641
SL4525		/	-	MS179
SL5635	F4M1011F	/	-	MS27 MS641
			01/97 -	MS27 MS641
SL5635DXT	BF4M1011F	/	-	MS27 MS641
			01/97 -	MS27 MS641
SL5635SXT	BF4M1011F	/	-	MS27 MS641
			01/97 -	MS27 MS641
SL5636DXT	F4M1011F	/	-	MS27 MS641
			01/97 -	MS27 MS641
TRACTORS				
2000 D		/	08/78 - 08/82	MS392

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
GOLDONI				
CRAWLER TRACTORS				
360	VM-SUN3105	/	-	MS194
C45	VM-RA394	/	04/91 -	MS393
FARM EQUIPMENT				
108	6 LD 325	/	01/79 - 07/82	MS359 MS636
140	3 LD 510	/	01/74 -	MS359 MS636
	3LD510	/	02/95 -	MS252
144	Ruggerini-RD 901	/	01/74 - 01/87	MS359 MS636
149	Ruggerini-RF 120	/	01/74 - 02/87	MS359 MS636
	Ruggerini-RF 140	/	06/84 -	MS359 MS636
49	Acme-ADN37	/	02/95 -	MS252
49 A	Acme-ADN 37	/	03/87 -	MS359 MS636
49 L	6 LD 360	/	11/90 -	MS359 MS636
49 LD	6LD360	/	02/95 -	MS252
59 A	Acme-ADN 37/2 VV	/	05/83 - 12/90	MS359 MS636
610	6 LD 360	/	01/78 - 12/85	MS359 MS636
	Ruggerini-RD 81	/	01/78 - 12/85	MS359 MS636
716	Ruggerini-RD 920	/	01/74 - 04/84	MS359 MS636
EXPORT		/	01/69 - 12/71	MS392
FC 9	Lomb.-6 LD 360	/	04/91 -	MS359 MS636
TRACTORS				
1038	Lomb.-5LD825.2	/	03/82 - 12/85	MS190
	Lomb.-LDA832	/	03/82 - 12/85	MS190
1040	Slanzi-DVA1750	/	06/79 - 12/88	MS190
1045 R		/	04/82 -	MS192
	Ruggerini Pp105/2	/	04/82 - 12/85	MS330
1055	VM-RA394	/	03/87 - 04/90	MS393
142	Acme-ADN 54 W	/	01/87 -	MS359 MS636
	Acme-ADN 54W	/	02/95 -	MS252
230	LDA672 Lombardini	/	01/82 - 12/84	MS190
236	Slanzi-DVA1550	/	06/78 - 12/84	MS190
238	Lomb.-5LD825.2	/	02/82 -	MS190
240	Slanzi-DVA1750	/	06/79 - 10/88	MS190
245	Lomb.-11LD625.3	/	01/89 -	MS190
3050	VM-HR394HP	/	06/91 -	MS393
	VM-RA394	/	04/86 - 06/91	MS393
3070	VM-HR394HP	/	06/91 -	MS393
	VM-RA394HPT	/	06/90 - 06/91	MS393
336	Slanzi-DVA1550	/	06/74 - 11/90	MS190
3445	Lomb.-11LD625.3	/	10/88 -	MS190
40 B	Lomb.-11LD535	/	06/91 -	MS190
45 B	Lomb.-LDA832	/	06/91 - 12/91	MS190
50 B	Lomb.-11LD626.3	/	06/91 -	MS190
518	4LD705 Lombardini	/	01/80 - 12/90	MS392
55	VM-HR394HP	/	09/91 -	MS393
718	4LD820 Lombardini	/	01/77 -	MS392
834	Slanzi-DVA1550	/	09/77 - 12/84	MS190
919	4LD705	/	01/82 - 12/90	MS392
921	4DL820 Lombardini	/	01/78 - 12/86	MS392
932		/	06/78 - 12/86	MS301
938	Lomb.-5LD825.2L	/	09/88 - 04/90	MS190
945 RS/DT	Lomb.-11LD625.3	/	04/90 -	MS190
TRANSCAR 25/RS	12LD475	/	11/90 -	MS252

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
TRANSCAR 60/RS	VM-RA394	/	11/90 -	MS393
TRANSPORTER 336	Slanzi-DVA1550	/	01/74 - 06/86	MS190
UNIVERSAL 224		/	-	MS190
UNIVERSAL 226		/	-	MS190
UNIVERSAL 230	Lombardini-LDA672	/	06/82 - 12/84	MS190

GREGOIRE

FARM EQUIPMENT

G175	187kWDeutz 6-cyl,Tier 3B	/	-	MS65
G6.200	115kW6L,Deutz 3	/	-	MS65
G6.210	110HP6L,Deutz 3	/	-	MS65
G7.210	144PS,Deutz 4-cyl	/	-	MS65
G7.240	144PS,Deutz 4-cyl	/	-	MS65
G8.260	167PS,Deutz 6-cyl	/	-	MS65
G8.270	167PS,Deutz 6-cyl	/	-	MS65

GUTBROD

TRACTORS

2500 D	1071DRT	/	03/73 - 03/84	MS190
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HAKO

TRACTORS

HAKOTRAC 2000D	LOM-LDA820	/	08/78 - 08/82	MS301
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HANOMAG

WHEEL LOADERS

22C	Perkins-4.248	/	01/73 -	MS369
33C	Perkins-A6.354.4	/	-	MS369
44C	D 943 A 1 Turbo	/	12/72 - 12/85	MS511
	D 943 B	/	01/72 - 12/85	MS511
55C	D 962 B	/	01/72 - 12/85	MS511
			01/75 - 12/85	MS511
	D 963 B	/	01/72 - 12/85	MS511
600 D	D 962 K	/	01/72 - 12/85	MS511
600C	D962K	/	01/72 - 12/85	MS511
600D	D 962 K	/	01/72 - 12/85	MS511
66C	D963A1Turbo	/	01/72 - 12/85	MS511
700D	D963A1Turbo	/	01/72 - 12/85	MS511
77C	D963A2Turbo	/	01/72 - 12/85	MS511
964T		/	01/72 - 12/85	MS483
D20C	D963A1	/	01/76 -	MS511

HANOMAG-HENSCHEL

CRAWLER TRACTORS

K10B	D961KE	/	01/76 -	MS519
K11	D961KL	/	01/96 - 12/97	MS519
K12C	D562	/	01/76 -	MS507
			07/72 - 05/73	MS507
				MS672
K14D	D962K	/	01/76 -	MS511
K18C	D963K	/	01/76 -	MS511
K5B	D28CKB	/	01/76 -	MS515
K7B	D941K	/	01/76 -	MS519
K8	D941B	/	01/76 -	MS519

TRACTORS

ROBUST 800	D941R	/	01/64 - 12/64	MS519
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WHEEL LOADERS

B11	D961B	/	01/72 - 12/85	MS519
B11C	D943B	/	01/72 - 12/85	MS511
B14C	D962B	/	01/72 - 12/85	MS511
B18C	D963B	/	01/92 -	MS511

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
HANOMAG-HENSCHEL (continued)				
B30C	D963A2	/	-	MS511
B8B	D941B	/	01/76 -	MS519
C11C	D943	/	01/72 -	MS511
C14C	D962K	/	01/76 -	MS511
C20C	D963A1	/	01/76 -	MS511

HARLO

LIFT TRUCKS

HCS600	4B3,9C Cummins	/	01/76 -	MS148
HC8000	4B3,9C Cummins	/	01/76 -	MS148

HATTAT

TRACTORS

240S	1103D-33,40kW	/	-	MS399
290	1104A-44,5kW,61	/	-	MS399
A080	1103D-33TA,58kW	/	-	MS399
A100	1104D-44TA,68kW,Euro 3	/	-	MS399
A110	1104D-44TA,75kW,Euro 3	/	-	MS399
A55B	1103D-33,40kW	/	-	MS399
A55C	1103D-33,40kW	/	-	MS399
A60B	1103D-33TA,47kW	/	-	MS399
A60C	1103D-33TA,47kW	/	-	MS399
A65B	1103D-33TA,50kW	/	-	MS399
A65C	1103D-33TA,50kW	/	-	MS399
A70	1103D-33TA,50kW	/	-	MS399
A80	1103 -D-33TA,58kW	/	-	MS399
A80B	1103D-33TA,58kW	/	-	MS399
A90	1104D-44TA,5kW,60,Euro 3	/	-	MS399

HAULOTTE GROUP

TELEHANDLER

H14TX	38HR,Deutz F3L1011F	/	08/78 - 12/78	MS27
	Deutz F3L1011F	/	-	MS641
H16TPX	38HR,Deutz F3L1011F	/	09/82 - 12/86	MS27
	Deutz F3L1011F	/	-	MS641
HTL3617	93HR,Deutz TCD2012	/	08/78 - 08/82	MS65
HTL4014	102HR,Deutz BF04M2012	/	08/78 - 12/78	MS65
HTL4017	102HR,Deutz BF04M2012	/	01/79 - 12/86	MS65
HESSTON			08/78 - 12/78	MS65

WINDROWERS

WR9735	137HR,Agco Power 49 CTA T4F	/	-	MS175
WR9740	137HR,Agco Power 49 CTA T4F	/	-	MS175
WR9760	188HR,Agco Power 49 CTA T4F	/	-	MS175
WR9770	220HR,Agco Power 66 CTA T4F	/	-	MS175
WR9860	195HR,Agco Power 49 CTA T4F	/	-	MS175
WR9870	225HR,Agco Power 66 CTA T4F	/	-	MS175

HITTNER

FARM EQUIPMENT

120	86kW,Deutz F6L 914-L06	/	-	MS66
21	13kW,Lombardini 4LD 820	/	-	MS396
30	21kW,Lombardini 9LD 625-2	/	-	MS359
	Lombardini 9LD 625-2	/	-	MS636
32	Lombardini 9LD 625-2	/	-	MS359
	23,5kW,Deutz-Diter 910 L02	/	-	MS636
				MS341

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
35/40	30kW,Lombardini LDW1603	/	-	MS252
55	40kW,Deutz F3L D914-L03	/	-	MS65

HOLDER

TRACTORS

B 50	Perkins-3.152	/	01/76 - 06/79	MS267
B 51	Perkins-3.152	/	01/76 - 06/79	MS267

HUERLIMANN

TRACTORS

6115-XB ELITE DT	1000.6W	/	01/96 - 12/00	MS354
6135-XB ELITE/DT/REV	1000.6WT	/	01/96 - 12/00	MS354
H 305 XE 2RM/DT	1000.3A	/	-	MS300
H 306 XE 2RM/DT	1000.3A	/	-	MS300
H 307 XE 2RM/DT	1000.3AT	/	-	MS300
H 345	983L	/	07/83 - 03/86	MS58
			12/81 - 06/83	MS58
H 355/F	1053P	/	01/82 - 06/83	MS58
H 358 PRESTIGE	1000.3W	/	06/86 - 12/89	MS58
H 358.4 CLUB DT	1000.3A	/	-	MS300
H 360	H-1103/5	/	10/79 - 06/83	MS58
H 361 XF 2RM/DT	1053PA	/	01/86 - 12/87	MS300
H 468 PRESTIGE DT/2RM	1000.4W	/	01/89 - 12/98	MS354
H 468.4 CLUB DT/BASSO	1000.4W	/	-	MS354
H 470	H-1104/6	/	09/79 - 06/83	MS58
H 476 V	1000.4W	/	12/88 - 12/91	MS354
H 476 XF DT REV	1000.3WT	/	-	MS300
H 478 PRESTIGE	1000.4W	/	01/89 - 12/98	MS354
H 478.4 DT	1000.4W	/	01/89 - 12/98	MS354
H 480	H-1104/7	/	04/79 - 06/83	MS58
H 481 XF DT	1000.4W	/	-	MS354
H 488 PRESTIGE DT REV	1000.4WT	/	01/86 - 12/90	MS354
H 488 T	1000.4WT	/	06/86 - 12/98	MS354
H 490	H-1106/8T	/	04/79 - 06/86	MS58
H 491 XF DT	1000.4WT	/	-	MS354
H 496 T	H-1104/9T	/	04/84 - 12/89	MS58
H 5110	H-1105/10T	/	12/80 - 06/86	MS58
H 5110/5116T	H-1105/11T	/	04/84 - 12/90	MS58
H 6130	H-1106/12	/	03/79 - 06/84	MS58
H 6130/6115 ELITE	1000.6W	/	12/89 -	MS354
H 6135 ELITE	1000.6WT	/	12/89 - 12/96	MS354
H 6136	H-1106/13	/	04/84 - 12/90	MS58
H 6160	H-1106/15	/	03/79 - 03/84	MS58
H 6160/6165 MASTER	1000.6WT1	/	05/91 - 12/01	MS354
H 6165 MASTER DT	1000.6WT1	/	-	MS354
H 6190 MASTER	1000.6WTIR	/	01/92 - 12/01	MS354
H 6190 MASTER DT	1000.6WTIR	/	01/92 - 12/01	MS354
PRINCE 345/335	530.3AT/530.3A	/	-	MS330
SX1200	1000.6WT3V	/	01/98 - 12/04	MS429
SX1350	1000.6WT3V	/	01/98 - 12/04	MS429
SX1500	1000.6WT3V	/	01/98 - 12/04	MS429
SX1600	1000.6WTI3V	/	01/00 - 12/04	MS429
SX1800	1000.6WTI3V	/	01/00 - 12/04	MS429
SX2000	1000.6WTI3V	/	01/00 - 12/04	MS429
XA 606 2RM/DT	1000.3W	/	01/95 - 12/00	MS300
XA 607 DT/2RM	1000.4W	/	01/95 - 12/00	MS354
XA 656	1000.3WT	/	-	MS300
XA 657		/	-	MS429
XA 658	1000.4WT4	/	01/00 - 12/04	MS429
XM MAX 100	Deutz 2012 EURO II	/	-	MS65
XM MAX 85	Deutz 2012 EURO II	/	-	MS65
XM.100	5kW,6 L4,72,TCD3,Tier 4i	/	01/13 -	MS69
	Deutz EURO II (BF6M2012EL)	/	-	MS65
XM.110	6 L4,81kW,TCD3,Tier 4i	/	01/13 -	MS69
	Deutz EURO II (BF6M2012EL)	/	-	MS65
XM.120	6 L4,87kW,TCD3,Tier 4i	/	01/13 -	MS69
	Deutz EURO II (BF6M2012EL)	/	-	MS65
XM.130	6 L4,93kW,TCD3,Tier 4i	/	01/13 -	MS69

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
HUERLIMANN (continued)				
XN 706	1000.3A	/	-	MS300
XN 707	1000.3WT	/	-	MS300
XN 708	1000.4W	/	-	MS354
XN 709	1000.4WT	/	-	MS354
XT 105	1000.6W,150HP	/	01/04 - 12/09	MS429
XT 110	1000.4WT1,109HP	/	01/04 - 12/09	MS429
XT 85	1000.4WT,85HP	/	01/04 - 12/09	MS429
XT 908 DT	1000.4W	/	01/95 - 01/05	MS354
XT 909 DT	1000.4WT	/	01/95 - 12/04	MS354
XT 910.4 DT	1000.4WT	/	01/95 - 12/04	MS354
XT 910.6 DT	1000.6W	/	01/95 - 12/04	MS354
XT 911	1000.6WT	/	01/00 - 12/03	MS429
XT 913	1000.6WT	/	01/00 - 12/03	MS429
XT 95	1000.4WT,91HP	/	01/04 - 12/09	MS429

HYUNDAI

TRACTORS

HD3000		/	-	MS347
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IHC

COMBINES

431	D-239	/	02/73 - 12/85	MS272
	D-310	/	04/73 - 12/85	MS272

LOADERS

100B	D-206 - D-358	/	-	MS18
125B	D-206 - D-358	/	01/71 - 01/75	MS18
221	D-206 - D-358	/	-	MS18
321	D-206 - D-358	/	-	MS18
	D-239	/	-	MS18
TD100B	D-206 - D-358	/	-	MS18
TD1046	D-206 - D-358	/	-	MS18
TD1246	D-206 - D-358	/	-	MS18
TD125B	D-206 - D-358	/	-	MS18
TD3654	D-206 - D-358	/	-	MS18
TD553	D-206 - D-358	/	-	MS272
	D-206 - D-538	/	-	MS18
TD554	D-206 - D-358	/	-	MS18
TD633/A/E/V	D-155,D-179	/	-	MS223
TD644/A	D-206 - D-358	/	-	MS18
TD654/A	D-206 - D-358	/	-	MS18
TD724	D-206 - D-358	/	-	MS18
TD744	D-206 - D-358	/	-	MS18
TD824	D-206 - D-358	/	01/83 -	MS18
TD834	D-206 - D-358	/	01/82 - 01/91	MS18
TD844	D-206 - D-358	/	01/73 -	MS18
TD946	D-206 - D-358	/	01/73 -	MS18

TRACTORS

1046A	D-358	/	04/73 - 09/77	MS272
1246A	DT-358	/	02/74 - 08/79	MS272
125 B2	D239	/	06/73 - 12/86	MS152
125B	D-239	/	04/73 - 12/79	MS272
1394		/	01/84 -	MS345
1494		/	01/84 -	MS345
1594		/	01/84 -	MS345
1690		/	01/84 -	MS345
1694		/	01/84 -	MS345
2200-2275	Cummins L-10	/	01/84 - 01/87	MS61
				MS77
	Cummins NTC	/	01/84 - 01/87	MS61
2300-2375	Cummins L-10	/	01/84 - 01/87	MS61
				MS77
2400 GD	D179	/	- 12/85	MS152
2500 GD	D239	/	- 12/85	MS152

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
2574-2575	Cummins L-10	/	01/84 - 01/87	MS61
				MS77
2674-2675	Cummins NTC	/	01/84 - 11/87	MS61
	Cummins L-10	/	01/84 - 01/87	MS77
			01/85 - 01/89	MS77
	Cummins L-10,NTC	/	01/84 - 01/87	MS61
321	D-239	/	10/76 - 12/86	MS18
325	D-239	/	04/73 - 12/85	MS272
3400	D179	/	01/73 - 12/75	MS152
	D239	/	01/73 - 12/75	MS152
3400 GD	D179	/	07/69 - 12/86	MS152
3500	D239	/	01/71 - 12/80	MS152
3500 GD	D239	/	07/69 - 12/86	MS152
3654	D-239	/	04/73 - 12/78	MS272
3694 YUMBO	D-358	/	03/71 - 05/82	MS272
3800	D239	/	01/73 - 12/75	MS152
384	IHC D-155/179	/	10/78 - 01/82	MS170
3944 YUMBO	KHD-F4L912	/	05/73 - 08/82	MS220
			09/82 - 12/86	MS277
3945 YUMBO	KHD-F4L912	/	05/79 - 08/82	MS220
			09/82 - 12/86	MS277
3960 YUMBO	KHD-F6L912	/	05/79 - 08/82	MS220
			09/82 - 12/86	MS277
3961 YUMBO	KHD-F6L912	/	05/79 - 08/86	MS220
			09/82 - 12/86	MS277
3965 YUMBO	D-358	/	04/71 - 12/86	MS18
3980 YUMBO	D-358	/	04/72 - 12/86	MS18
			D239	/	02/73 - 12/85	MS152
431	D239	/	02/73 - 12/85	MS152
433/V	D-155	/	06/73 - 12/85	MS276
454	D179	/	01/73 - 12/77	MS152
454 GD	D179	/	10/70 - 12/75	MS152
474	/	/	-	MS152
484	IHC D-179	/	01/78 - 01/84	MS152
523 A	D179	/	06/65 - 12/71	MS152
531	D-310	/	04/73 - 12/85	MS272
	D-358	/	04/73 - 12/85	MS272
533/V	D-155	/	02/77 - 12/85	MS18
			06/73 - 12/85	MS276
544 G.D.	D239	/	04/69 - 12/70	MS152
544 H.S.	D239	/	04/69 - 12/70	MS152
544 HS	D239	/	01/72 - 12/77	MS152
553 A	D179	/	03/72 - 01/74	MS152
574	D239	/	01/73 - 12/75	MS152
574 G.D.	D239	/	04/69 -	MS152
574 GD	D239	/	10/70 - 12/85	MS152
574 H.S.	D239	/	04/69 - 12/70	MS152
574 HS	D239	/	01/70 - 12/85	MS152
584	IHC D-206	/	01/78 - 01/84	MS152
633 A/E/V	D179	/	01/75 - 12/85	MS152
633A/E/V	D-179	/	01/75 - 12/85	MS276
644 A	D-206	/	01/74 - 12/85	MS272
644/A	D-206	/	01/74 - 12/85	MS272
664	D239	/	01/72 - 12/77	MS152
674	D239	/	01/73 - 12/75	MS152
684	IHC D-239	/	01/78 - 01/84	MS152
743	D239	/	04/80 - 12/85	MS152
743 XL/XLA	D239	/	07/81 - 12/85	MS152
744	D239	/	02/74 - 06/84	MS272
744/A	D239	/	02/74 - 06/84	MS272
745 S	D239	/	04/80 - 12/85	MS152
745 XL/XLA	D239	/	07/81 - 12/85	MS152
7588	V-800 D	/	01/84 -	MS61
7788	V-800 D	/	01/84 -	MS61
784	IHC D-246	/	01/78 - 01/84	MS152
844A	D-246	/	01/74 - 12/85	MS272
844S/SA	D-268	/	02/75 - 12/85	MS272
884	IHC D-268	/	01/79 - 01/84	MS152
946A	D-310	/	04/73 - 09/77	MS272
D 358/T6	/	/	-	MS486
H30 B	D-239	/	04/73 - 12/79	MS272

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
IHC (continued)				
H50 B	D-310	/	04/73 - 12/79	MS272
H60 B	D-358	/	10/71 - 06/84	MS272
TD 7E	D239	/	09/73 - 12/86	MS152
TD 8B	D-239	/	04/73 - 12/78	MS272

IMR

FARM EQUIPMENT

R120		/	-	MS205
R60		/	-	MS205
R65		/	-	MS205
R76		/	-	MS548

TRACTORS

RT-706C	Cummins	/	-	MS148
RT-708G	Cummins	/	-	MS148

IMT

TRACTORS

539	M 33/T	/	01/80 - 12/98	MS205
540	M 33/T	/	01/75 - 12/86	MS205
558	M 34/T	/	01/63 -	MS205
560	M 34/T	/	01/75 -	MS205
561		/	-	MS205
572		/	-	MS548
575	A4.248	/	-	MS548
576	A 4.248	/	-	MS548
577	S 44A	/	-	MS548
578	A4.248	/	-	MS548
579	S 44A	/	-	MS548

INGERSOLL-RAND

LIFT TRUCKS

VR-636	4B3,9 Cummins	/	01/90 -	MS148
VR-642	4B3,9 Cummins	/	01/90 -	MS148

ISEKI

TRACTORS

TJA 8080	3cyl,60HP,Agcpower	/	-	MS721
TJA 8100	3cyl,74HP,Agcpower	/	-	MS721

ITMA TRATTORI

FARM EQUIPMENT

3.45	VM-RA394	/	02/89 - 12/90	MS393
340	VM-RA392	/	01/87 - 01/89	MS393
4RM	VM-HR392A	/	09/80 - 12/83	MS393

JCB (BAMFORD)

BACKHOE LOADER

2CX	JCB444	/	01/97 -	MS84
3CX/PLUS/CLL	JC444/Turbocharged	/	01/04 -	MS84
3CX-4	Perkins 4.236	/	-	MS347
4CX	JCB444	/	-	MS84
	Perkins:TC	/	01/99 - 12/02	MS347
ICX-HF	Perkins 404D-22	/	-	MS241
MIDI CX-CM	Perkins 404-22D	/	01/97 -	MS241
MIDI CX-SS	Perkins 404C22	/	-	MS241

LIFT TRUCKS

926-2WD/4WD	TC63	/	-	MS84
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Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
930-2WD/4WD	TC63	/	01/02 -	MS84
940-2WD/4WD	TC63	/	01/96 - 12/96	MS84

LOADERS

110/HF	TC63	/	-	MS84
110-WM	TC68	/	-	MS84
160	Perkins 404D-22	/	-	MS241
160-WM	Perkins 404D-22	/	-	MS241
170/HF	Perkins 404D-22	/	-	MS241
180/HF	Perkins 404D-22	/	-	MS241
180T/HF	Perkins 404DT-22	/	01/90 -	MS86
190/HF	TC63	/	01/71 - 01/74	MS84
190T/HF	Perkins 404DT-22	/	-	MS86
190-WM	TC63	/	-	MS84
260	JCB TCA.74	/	-	MS84
260T	JCB	/	-	MS84
280	JCB	/	-	MS84
320T	JCB	/	-	MS84
420 TU	6-354 Perkins	/	-	MS347
430		/	01/03 - 12/09	MS347
505-19	1004,236,4	/	01/71 - 01/74	MS395
506-36	1004,4,236	/	-	MS395
506B	1004,4,236	/	-	MS395
508-40	1004,4,236	/	01/94 -	MS395
510-40	1004,4,236	/	-	MS395
520/M	4.236	/	-	MS395
520-40	Perkins 404-22D	/	-	MS241
520-40-AGRI		/	01/85 -	MS241
520-40-WM		/	01/71 - 01/73	MS241
524-50	Perkins 404-22D	/	-	MS86
524-50-AGRI		/	01/85 -	MS84
525/B	4.236	/	-	MS395
526-56	81kWJCB 4-cyl,Tier 3	/	01/91 - 01/93	MS84
526-56-AGRI		/	01/85 -	MS84
527-55-AGRI		/	01/85 -	MS84
527-55-WM		/	01/70 - 01/73	MS84
527-58	81kWJCB 4-cyl,Tier 3	/	01/95 - 01/97	MS84
531-70	4-cyl,55kWJCB ECOMAX	/	01/97 -	MS84
531-70-AGRI		/	-	MS84
531-70-WM		/	01/69 - 01/70	MS84
533-105	4-cyl,55kWJCB ECOMAX	/	-	MS84
535-125-HIVIZ	4-cyl,55kWJCB ECOMAX	/	-	MS84
535-140-HIVIZ	4-cyl,55kWJCB ECOMAX	/	01/91 - 12/97	MS84
535-95	4-cyl,55kWJCB ECOMAX	/	01/91 - 12/97	MS84
535-95-AGRI		/	01/89 - 12/98	MS84
536-60	81-93kWJCB 4-cyl,Tier 3	/	01/91 - 12/97	MS84
536-60-AGRI		/	01/86 - 12/98	MS84
536-70-AGRI		/	01/92 - 12/98	MS84
540-140	4-cyl,55kWJCB ECOMAX	/	01/91 - 12/97	MS84
540-170	4-cyl,81kWJCB ECOMAX	/	01/91 - 12/97	MS84
541-70	4-cyl,55kWJCB ECOMAX	/	-	MS84
541-70-AGRI		/	-	MS84
541-70-WM		/	01/69 - 01/70	MS84
550-140		/	-	MS84
550-170		/	01/80 - 12/88	MS84
550-22	1004,4,236	/	-	MS395
550-80	4-cyl,93kWJCB ECOMAX	/	-	MS84
TLT30-WM	Perkins 404D-22	/	01/87 - 01/92	MS241
TLT35-WM	Deutz D2011 L04V	/	-	MS27
				MS641
			01/95 - 12/01	MS27
				MS641

SHOVELS

110		/	-	MS385
403	Deutz D2009 L03	/	01/73 - 12/80	MS74
				MS74 OF
406		/	01/85 - 12/88	MS74
				MS74 OF
409	75HP,Deutz TD2011 L4	/	01/85 - 12/90	MS67
411HT/WM	SLB	/	01/85 - 12/90	MS84

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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JCB (BAMFORD) (continued)

411HT-SHL/WM	SLB	/	01/85 - 12/88	MS84
412-AGRI		/	01/85 - 12/90	MS84
412-WM		/	01/85 - 12/90	MS84
413		/	-	MS385
414S-AGRI		/	01/71 - 12/79	MS84
414-WM		/	01/82 - 12/88	MS84
416HT	SLB	/	01/73 - 01/85	MS84
416S-AGRI		/	01/73 - 12/85	MS84
416-WM		/	01/73 - 12/85	MS84
418		/	01/76 - 01/78	MS385
540-140		/	-	MS84
702-704		/	01/69 - 01/70	MS385
902-1250		/	-	MS385
SL1000P		/	01/04 -	MS385
SL1500P		/	01/04 -	MS385
SL1750P		/	01/00 - 12/04	MS385
SL702P	4.236	/	01/05 -	MS385
	4.248	/	01/05 -	MS385
SL704P	4.236	/	-	MS385
	4.248	/	01/84 - 01/88	MS385
SL900P		/	01/04 -	MS385

TELEHANDLER

535-95	JCB	/	01/71 - 01/73	MS84
TLT25	Perkins 404D-22	/	01/87 - 01/92	MS241
TLT30	Perkins 404D-22	/	01/95 - 12/01	MS241
TLT35	Deutz D2011 L04W	/	-	MS27
				MS641
			01/87 - 01/92	MS27
				MS641
TM 180 AGRI	48kW,JCB 4-cyl,Tier 3	/	01/11 -	MS84
TM 220 AGRI	55kW,JCB 4-cyl,Tier 3	/	01/95 -	MS84
TM 310 AGRI	97kW,JCB 4-cyl,Tier 3	/	01/00 -	MS84
TM 310-WM		/	01/98 -	MS84
TM 320	4-cyl,444TA41,93kW,Ecomax	/	01/94 - 12/98	MS84
TM 320 S	108kW,4-cyl,Ecomax	/	01/98 -	MS84
TM 320 VM	4-cyl,93kW,Ecoma	/	01/04 -	MS84

TRACTORS

1115		/	-	MS347
125		/	-	MS347
	1000-6 T/HRS/6T4/6-BTA	/	-	MS347
135	1000-6 T/HRS/6T4/6-BTA	/	-	MS347
145		/	-	MS347
	1000-6 T/HRS/6T4/6-BTA	/	-	MS347
155	1000-6 T/HRS/6T4/6-BTA	/	-	MS347
185	1000-6 T/HRS/6T4/6-BTA	/	-	MS347
3200 XTRA	Agco Sisu D. 142kW,T4i	/	-	MS175
3230 XTRA	Agco Sisu D. 164kW,T4i	/	-	MS175
8280	279HR,6-cyl,Sisu,Tier 4	/	-	MS175
8310	306HP,6-cyl,Sisu,Tier 4	/	-	MS175

JLG

TELEHANDLER

600A	F4M1011F	/	01/98 -	MS67
6036	4BT3.9 Cummins	/	01/83 - 01/90	MS148
6042	4BT3.9 Cummins	/	-	MS148

JOHN DEERE

COMBINES

1032		/	-	MS430
1042		/	-	MS430
1052		/	-	MS430
1055		/	-	MS430
1065		/	-	MS89

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
1072		/	-	MS89
1075		/	-	MS89
1144		/	-	MS89
1155		/	-	MS89
1157		/	-	MS430
1158		/	-	MS430
952		/	-	MS89
955		/	-	MS89
9570 STS	6068HCQ05	/	-	MS94
965		/	-	MS89
968		/	-	MS89
975		/	-	MS89
985		/	-	MS89
9860 STS		/	-	MS103
MD1032		/	10/83 - 06/89	MS334
MD1042		/	10/83 - 06/89	MS89
MD1052		/	10/83 - 06/89	MS89
MD1055		/	10/83 - 06/89	MS89
MD1065	6.359TZ-03	/	03/94 -	MS89
MD1068/HYDRO		/	10/81 - 02/92	MS334
MD1072/HYDRO		/	10/81 - 02/92	MS334
MD1075	6.359TZ-02	/	04/87 - 02/92	MS89
MD1075 HYDRO/4	6.359TZ-02	/	03/94 -	MS89
MD1085	6.466TZ-01	/	03/94 -	MS89
MD1085 HYDRO/4	6.466AZ-01	/	03/94 -	MS89
MD330	164D27Z	/	01/72 - 10/74	MS89
MD925	3.164DZ-02	/	07/75 - 09/78	MS89
MD930	4.219DZ-05	/	08/72 - 10/74	MS89
MD932	4.239DZ-04	/	10/79 - 10/83	MS89
MD935	4.219DZ-05	/	07/75 - 06/79	MS430
MD940	4.239DZ-01	/	08/72 - 07/75	MS89
MD942	4.239DZ-03	/	10/79 - 10/83	MS89
MD945	4.239TZ-01	/	08/75 - 10/77	MS89
MD950	6.329DZ-02	/	09/74 - 07/75	MS89
MD952	4.239TZ-01	/	11/77 - 10/83	MS312
MD955	6.329DZ-02	/	06/75 - 01/81	MS89
MD960	6.329DZ-02	/	08/72 - 08/74	MS312
MD965	6.359TZ-03	/	09/75 - 10/83	MS312
MD968H	6.359TZ-03	/	04/81 - 10/83	MS312
MD970	6.359TZ-01	/	09/74 - 07/75	MS312
MD975	6.359TZ-02	/	09/75 - 05/81	MS312
S680 MILMASTER	6135HH003/HH004	/	-	MS212
S680 STS	6135HH003/HH004	/	-	MS212
S690 MILMASTER	6135HH003/H004	/	-	MS212
S690 STS	6135HH003/HH004	/	-	MS212

COTTON-PICKERS

7440	359 Dsl	/	01/84 - 12/86	MS293
7445	359 Dsl	/	01/87 -	MS293
7450	359 Diesel	/	01/95 - 01/97	MS293
9900	329 Dsl	/	01/75 - 12/78	MS293
9910	359 Dsl	/	01/79 - 12/87	MS293
9920	359	/	01/84 - 12/87	MS293
9930	359 Diesel	/	01/87 - 01/93	MS293
	359 Dsl	/	01/87 - 12/93	MS293

FARM EQUIPMENT

6600		/	01/96 -	MS89
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FIELD CHOPPER

7700	6-765 Diesel	/	-	MS103
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LIFT TRUCKS

482C		/	01/82 -	MS89
485E		/	-	MS94

LOADERS

244J	4024T 59HP	/	-	MS221
304J	5030T 73HP	/	01/03 -	MS221
320	4024T 62HP	/	01/93 - 01/03	MS221
332	5030HW 85HP	/	-	MS221

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
JOHN DEERE (continued)				
LOGGERS				
244H	4cyl.4WD	/	01/82 - 01/90	MS237
444H LL		/	01/03 -	MS237
740G	All	/	08/78 - 12/79	MS76
748G/G-II/G-III	All	/	06/78 - 06/85	MS76
TOOL CARRIERS				
TC44H		/	07/81 - 08/88	MS237
TRACTORS				
1020	3.164DL-04	/	04/71 - 07/75	MS312
1020/OU/VU	3.164	/	01/81 - 01/83	MS430
1030/OU/VU	3.164DL-04	/	08/75 - 08/79	MS312
1035/EF/EV		/	-	MS89
1040/V	3.179DL-06	/	09/79 - 10/86	MS312
1065		/	01/82 - 01/94	MS89
1068/HYDRO		/	01/81 - 01/94	MS89
1075/HYDRO		/	01/82 - 01/94	MS89
1085/HYDRO		/	01/82 - 01/91	MS89
1120	3.164DL-01	/	04/71 - 07/75	MS89
1130	3.164DL-13	/	08/75 - 08/79	MS312
1140/F/V	3.179DL-01	/	09/79 - 10/86	MS312
1350	3179 D	/	-	MS89
1530	164 Dsl	/	01/72 - 01/82	MS89
	3.164DL-13	/	07/72 - 07/75	MS312
1630/OU/VU	3.179DL-01	/	08/73 - 08/82	MS89
1635/EV/EV		/	-	MS89
1640/F	4.239DL-03	/	09/79 - 10/86	MS89
1745		/	-	MS89
1750/V	3.179DL	/	01/87 - 12/94	MS89
1830	4.219DL-03	/	09/72 - 08/79	MS89
1840/F	4.239DL-04	/	09/79 - 10/86	MS89
1845F		/	-	MS430
1850/F/V	3.179DL	/	01/86 - 12/94	MS430
1950/F	3.179TL	/	01/88 - 12/94	MS430
2020/OU		/	01/72 -	MS89
2030	4219 D	50 / 68	-	MS89
2030/OU	4.219DL-03	/	09/72 - 08/79	MS89
2035/EF		/	-	MS89
2040	152 Dsl	/	12/80 - 12/85	MS89
2040/F/S	4.239DL-04	/	09/79 - 10/86	MS264
2054	6068T	/	-	MS89
2120		/	01/70 - 12/79	MS89
2130	4239 D	55 / 75	-	MS89
2135		/	-	MS89
2140	4.239TL-02	/	09/79 - 10/86	MS89
2150		/	01/83 - 12/86	MS89
	3.179DL-01	/	05/82 -	MS264
	3-179	/	01/82 - 12/82	MS430
2155		/	-	MS430
	3-179	/	01/87 - 12/92	MS430
		/	-	MS89
2240	164	/	01/76 - 12/82	MS89
	3.179DL-01	/	09/79 -	MS430
2250/F	4.239DL	/	01/86 - 12/94	MS89
2255	3-179	/	01/83 - 12/86	MS89
	3-179 Dsl	/	01/83 - 12/87	MS430
2350	4.239DL-07	/	05/82 -	MS89
	4-239	/	01/83 - 12/86	MS430
2355/N	4-239 Dsl	/	01/86 - 12/92	MS430
2440	4.219	/	01/76 - 12/82	MS89
2450/F	4.239DL	/	01/86 - 12/94	MS430
2550	4.239DL-06	/	05/82 -	MS264
	4-239	/	01/82 - 12/87	MS430
2555	4-239	/	01/87 - 12/92	MS430
		/	-	MS89
2650/F	4.239TL	/	01/86 - 12/94	MS89
2750	4.239TL-04	/	05/82 -	MS264

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
2755	4-239	/	01/87 - 12/92	MS89
2840	6.329	/	01/77 - 01/82	MS89
2850	4.239TL	/	01/86 - 12/94	MS89
2855 N	4-239	/	01/87 - 12/93	MS430
2940	6.359DL-03	/	05/82 -	MS89
2950	6.359DL-04	/	05/82 -	MS430
2955	6.359	/	01/87 - 12/92	MS430
3030		/	-	MS89
3040	6.359DL-01	/	09/79 - 05/82	MS89
	6359 D	67 / 92	01/80 - 12/87	MS264
3050	6359 D	68 / 92	01/86 - 12/93	MS430
3055	359	/	01/92 -	MS89
	6-359	/	01/92 -	MS430
3100	3029D	/	01/95 - 12/98	MS264
310C/D		/	01/87 - 12/92	MS89
3110 A		41 / 56	01/98 - 12/01	MS264
3120		/	01/72 -	MS430
3130	3239 DLO 1	/	09/72 - 08/79	MS312
3135		/	-	MS89
3140	6.359DL-03	/	09/79 - 05/87	MS312
3150	6-359	/	-	MS89
3155	6-359	/	01/87 - 12/91	MS89
			01/87 - 12/92	MS89
3255	359	/	01/92 -	MS89
	6-359	/	01/92 -	MS89
3340		/	-	MS89
3350	6359 D	74 / 101	01/86 - 12/93	MS89
3400 A, 3400 AX		63 / 85	01/95 - 12/98	MS89
3410 A		63 / 86	01/98 - 12/01	MS89
3520	J. Deere	/	-	MS94
3640	6359 D	82 / 114	01/84 - 12/87	MS89
400G		/	01/92 -	MS238
4030	6.404	/	01/72 - 01/89	MS365
4040	6.359TL	/	01/77 - 12/84	MS358
4050	6-466	/	01/83 - 12/88	MS365
410C/D		/	01/00 -	MS89
4120	4024T 43HP	/	01/04 -	MS221
4240	6.404	/	01/72 - 01/89	MS365
4320	4024T 48HP	/	01/04 -	MS221
	6.404	/	01/72 - 01/89	MS365
4430	6.404	/	01/72 - 01/89	MS365
450E/G	4-219	/	01/86 -	MS89
4520	4024T 53HP	/	01/04 -	MS221
	6-466	/	01/72 - 01/89	MS365
4620	6-466	/	01/72 - 01/89	MS365
4630	6-466	/	01/72 - 01/89	MS365
4640	6-466	/	01/72 - 01/89	MS365
4720	4024T 58HP	/	01/04 -	MS221
4840	6-466	/	01/72 - 01/89	MS365
5036 C (INDIA)	3-cyl,3029,35HPJJD	/	-	MS89
5038 D (INDIA)	3-cyl,3029,38HPJJD	/	-	MS358
5041 C (INDIA)	3-cyl,3029,41HPJJD	/	-	MS293
5042 D (INDIA)	3-cyl,3029,42HPJJD	/	-	MS358
5045 D (INDIA)	3-cyl,3029,45HPJJD	/	01/08 -	MS358
5047 D (INDIA)	3-cyl,3029,47HPJJD	/	-	MS89
5050 D (INDIA)	3-cyl,50HPJJD: 3029	/	01/08 -	MS358
5055 E	3029HPY40/TPY24	/	- 01/13	MS430
5055 E (INDIA)	3-cyl,3029,55HPJJD	/	01/08 -	MS358
5060 E (INDIA)	3-cyl,3029,60HPJJD	/	-	MS358
5065 E	3029HPY40/TPY24	/	01/13 -	MS430
5065 E (INDIA)	3-cyl,3029,65HPJJD	/	01/08 -	MS358
5065M		48 / 65	10/09 -	MS221
5075 E	3029HPY40/TPY24	/	01/13 -	MS430
	3-cyl,3029,75HPJJD	/	01/08 -	MS358
5075M	75HPJJD PT	/	01/08 -	MS221
5078 E	4045DBM03	/	-	MS293
5080 G	Tier III	/	01/13 -	MS430
5083 E	83HPJohn Deere	/	01/08 -	MS292
	John Deere	/	01/08 -	MS292
5083 LIMITED	83HPJJD PT	/	01/08 -	MS292

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
JOHN DEERE (continued)				
	JD PT	/	01/08 -	MS292
5085 E	4045TBM04	/	-	MS293
5085 M	85HRJD	/	01/08 -	MS292
	JD	/	01/08 -	MS292
5090 E	4045TBM05	/	-	MS293
5090 G	4045HAT81	/	01/13 -	MS430
5093 E	93HRJohn Deere	/	01/08 -	MS292
	John Deere	/	01/08 -	MS292
5093 LIMITED	93HRJD PT	/	01/08 -	MS292
	JD PT	/	01/08 -	MS292
510/C/D		/	01/85 - 08/17	MS89
5100 M/MH	4045HL286 (EU)	/	03/11 -	MS292
5101 LIMITED	101HRJD PT	/	01/08 -	MS292
	JD PT	/	01/08 -	MS292
5103		/	-	MS430
	JD	/	-	MS430
5105		37 / 50	01/00 -	MS430
5115 M	LV 5M	/	01/13 -	MS292
5145		/	-	MS89
5200	3-179 Diesel	/	01/92 -	MS89
5203		/	-	MS430
	JD	/	-	MS430
5210	320	/	01/95 -	MS430
5210, 5310	3029D,3029T	34 / 45	01/98 - 12/01	MS293
				MS430
5220	JD	/	-	MS430
5225	56HRJD PowerTech	/	-	MS221
5300/N	3-179 Diesel	/	01/92 -	MS293
				MS89
5303		/	-	MS430
	JD	/	-	MS430
5310/N	320	/	01/95 - 12/00	MS430
5310N	4045	/	01/02 -	MS430
5320/N	JD	/	-	MS430
5325/N	67HRJD PowerTech	/	-	MS221
5400	3029T	52 / 71	01/96 - 12/00	MS293
5400/N	3-179 Diesel	/	01/92 -	MS89
5403	4045DJ01 (BR)	/	-	MS293
5410	4045D	49 / 65	01/98 - 12/01	MS89
5410/N	320	/	01/95 -	MS430
5415/N/H	4.045T	/	01/03 - 12/08	MS430
5420 POWERTECH	4045	/	01/97 -	MS89
5420/N	4045	/	01/97 -	MS89
5425	5425	/	-	MS292
5425/N	81HRJD PowerTech	/	-	MS292
	JD-81HP	/	-	MS292
5500	4039T	59 / 80	01/96 - 12/00	MS293
				MS89
5510	4045T	55 / 75	01/98 - 12/01	MS419
				MS89
5520 POWERTECH	4045	/	-	MS89
5520/N	4045	/	-	MS89
5525	5525N	/	-	MS292
5525/N	91 HRJD PowerTech	/	-	MS292
5605	4045DJ01	/	-	MS293
5615		/	-	MS89
5620	4.045	/	01/03 - 12/09	MS89
5705	4045TJ02	/	-	MS293
5715 HC		/	-	MS89
5720		/	01/86 - 01/92	MS419
	4.045T	/	01/03 - 12/09	MS89
5725 MFWD	4-cyl,4045,89HRJD	/	-	MS358
5730		/	01/86 - 01/92	MS419
5820		/	01/86 - 01/92	MS419
5830		/	01/86 - 01/92	MS419
6010	4.045	/	01/98 - 12/02	MS89
6020/SE	4045TL270/DL070	/	01/02 - 12/07	MS89

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
6030	6-531	/	01/72 - 01/89	MS365
6100/L	4-239	/	01/92 - 01/96	MS89
6105 R	4045HL497 (EU)	/	-	MS89
610C		/	01/87 - 12/92	MS89
6110 E	4045TBM03 (AM. LATINA)	/	-	MS293
6110 J	4045TBM03 (AM. LATINA)	/	-	MS293
6110/L	4045T	/	01/98 - 01/01	MS264
6120 L	4045TL070/TL271(USA)	/	-	MS419
6120/SE	4045TL070/TL272 (EU)	/	01/02 - 01/05	MS89
6125 E	4045HBM01 (AM. LATINA)	/	-	MS293
6125 J	4045HBM01 (AM. LATINA)	/	-	MS293
6140 J	6068... (USA)	/	-	MS416
6155M, 6155R		114 / 155	10/09 -	MS416
6200/L	4-239	/	01/93 -	MS89
6200-2	4039T	/	01/92 - 01/98	MS89
6200-4	4039T	/	01/92 - 01/98	MS89
6205		/	-	MS89
6210 R	6068HL497 (EU)	/	-	MS89
	6068RV403 (USA)	/	-	MS89
6210/L	4045T	/	10/98 - 01/01	MS89
6215	4045TL272 (USA)	/	01/02 - 01/05	MS89
6220 L	4045TL071/TL272 (USA)	/	-	MS419
6220/SE	4045TL070/TL272 (EU)	/	01/02 - 01/05	MS419
6300	4039TL006	66 / 90	01/92 - 12/97	MS89
6300/L	4-239	/	01/93 -	MS89
6300-4	4039T	/	01/92 - 01/98	MS89
6310/L/S	4045T	/	01/98 - 01/01	MS89
6320	4045	/	01/01 -	MS89
6320/L	4045HL073 (USA)	/	-	MS419
6320/SE	4045HL072/HLA70/HL270 (EU)	/	01/02 - 01/05	MS89
6400	4-276	/	01/93 -	MS89
6400/L/SP	4045T	/	01/92 - 01/98	MS89
6400-2	4-239	/	01/92 - 01/98	MS89
6400-4	4-239	/	01/92 - 01/98	MS89
6403		78 / 106	01/92 - 12/97	MS89
	4045T	/	01/02 - 01/05	MS94
6405	4045T	/	01/98 - 01/01	MS430
6410/L/S/SE	4045T	/	01/98 - 01/01	MS89
6415	4045HL272 (USA)	/	01/02 - 01/05	MS89
	4045HL272 (USA,Mexico)	/	01/02 - 01/05	MS89
	4045TJ04 (AM. LATINA)	/	-	MS238
6420	4045	/	01/01 -	MS89
6420/SE/S/PREMIUM	4045HL070/HL271/HLA72 (EU)	/	01/97 - 12/02	MS89
6420L	4045HL070 (USA)	/	-	MS419
6420S	4045HLA73 (EU)	/	-	MS419
6500/L		/	01/93 -	MS89
6500-2	4045T	/	01/96 - 01/98	MS89
6500-4	4045T	/	01/96 - 01/98	MS89
6505		/	-	MS416
6510/L/S	4045T	/	01/98 - 01/01	MS416
6515	6068DL070/071	/	-	MS416
6520 L/SE	4045T/HL273 (USA)	/	01/02 - 01/05	MS89
	6068DL../TL../HL.. (EU)	/	01/02 - 12/07	MS416
6603		89 / 120	01/97 -	MS89
	6068TP053	/	01/02 - 01/05	MS94
6605	6068T	/	-	MS416
6610SE	6.068T	/	01/97 - 12/02	MS416
6615	(AM Latina),4045TJ04	/	-	MS89
	6068HL271 (USA)	/	01/02 - 01/05	MS416
6620	6068TL072/HLA070/HL272 (EU)	/	01/02 - 01/05	MS416
6620 SE	6068TL072/HL272	/	-	MS416
6715	6068TL072/HL273	/	-	MS416
6810	6.068TLA	/	01/97 - 12/01	MS416
6820	6068HLA71/HL472 (EU)	/	01/97 - 01/05	MS416
6910/S	6.068TLA/5S	/	01/97 - 12/01	MS416
6920	6068HLA71/HL472 (EU)	/	01/97 - 01/05	MS416
6920 S	6068HLA73/HL474 (EU)	/	-	MS416
6920 SE	6068TL074 (EU)	/	-	MS416
7020		/	01/72 - 01/89	MS365
7200TURBO		/	06/86 -	MS417

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
JOHN DEERE (continued)				
7220	6068HRV../TRW../TP. (USA)	/	-	MS416
7320	6068HRV../TRW../TP. (USA)	/	-	MS416
7420	6068 (Mexico)	/	-	MS416
	6068HRV../TRW../TP. (USA)	/	-	MS416
7425	6068 (Mexico)	/	-	MS416
7505	6068 (AM Latina,Argentina)	/	-	MS238
7515	6068TMB02 (AM. LAT.Venezu.)	/	-	MS238
7520	6068 (Mexico)	/	-	MS416
	6068HRV../TRW../TP. (USA)	/	-	MS416
7525	6068 (Mexico)	/	-	MS416
7700TURBO	TD229EC-6	/	03/93 -	MS349
820	3-cyl	/	01/72 - 01/80	MS89
820/VU	3.152	/	01/71 - 12/75	MS430
830	3-cyl	/	01/72 - 01/80	MS89
840	3.179	/	01/79 - 12/86	MS430
	3.179DL-04	/	09/79 - 01/84	MS89
9420		313 / 425	01/02 -	MS103
9620		373 / 507	01/02 -	MS103

JONES CRANES

SPECIALITY VEHICLES

KL11-7,77		/	-	MS385
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KAELBLE

SCRAPERS

LR 12	MB-OM360	/	-	MS546
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SHOVELS

SL 10	MB-OM352	/	-	MS546
			04/74 - 12/79	MS546
SL 15	MB-OM360	/	-	MS546
			07/69 - 05/78	MS546
SL 18B	MB-OM355	/	-	MS491
			01/12 -	MS559
	MB-OM355B	/	01/69 - 12/79	MS706
SL 18E	OM355	/	04/74 - 06/90	MS491
				MS706
SL 20	MB-OM355	/	-	MS706
	OM355	/	02/73 - 06/82	MS491
SL 25B	MB-OM403	/	04/83 - 02/90	MS100
				MS490
				MS696

KOMATSU

LOADERS

WB97S-5	S4D104E-3	/	-	MS168
			01/06 - 12/13	MS168

KRAMER

TELEHANDLER

2506	4-cyl,50kW,TD2009 L04	/	-	MS74
				MS74 OF
3307	4-cyl,88kW,TCD2012 L04-2V	/	-	MS65
4009	4-cyl,88kW,TCD2012 L04-2V	/	-	MS65
4507	4-cyl,88kW,TCD2012 L04-2V	/	-	MS65
KL 27 T	45kW,D2011 L04	/	05/79 - 12/80	MS641
				MS67
KL 27 T	D2011 L04	/	-	MS641
				MS67
KL 35	45kW,D2011 L04	/	-	MS641
				MS67
	D2011 L04	/	-	MS641

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
KL 35 T	55kW,D2011 L04	/	05/79 - 12/80	MS67
				MS641
KL 35 T	TD 2011 L 04W	/	05/79 - 12/80	MS67
	D2011 L04	/	-	MS286
KL 37	55kW,D2011 L04	/	-	MS641
				MS67
KL 43	D2011 L04	/	-	MS641
				MS67
KL 54	55kW,D2011 L04	/	-	MS27
				MS641
KT 256	D2011 L04	/	-	MS27
				MS641
KT 256	88kW,TCD2012 L04 2V,Tier 3	/	-	MS65
	50kW,TCD2009 L04	/	-	MS74
KT 256				MS74 OF
	TD 2009 L 04	/	-	MS74
				MS74 OF

WHEEL LOADERS

1150	4-cyl,55kW,D2011 L04W	/	-	MS67
380	4-cyl,45kW,D2011 L04W	/	-	MS67
480	4-cyl,45kW,D2011 L04W	/	11/84 - 08/88	MS67
580	4-cyl,55kW,TCD2011 L04W	/	01/92 -	MS67
680 T	4-cyl,55kW,TCD2011 L04W	/	06/81 - 08/88	MS67
750	4-cyl,45kW,D2011 L04W	/	06/81 - 12/91	MS67
780	4-cyl,55kW,D2011 L04W	/	09/88 -	MS67
850	4-cyl,45kW,D2011 L04W	/	01/92 -	MS67
880	4-cyl,88kW,TCD2012 L04-2V	/	05/79 - 12/80	MS65
950	4-cyl,55kW,TCD2011 L04W	/	05/79 - 12/80	MS67

LAMBORGHINI

TRACTORS

100	1000.4. 96HP,Tier III	/	-	MS429
	1000.4. 96HP,Tier III	/	-	MS429
100 R	5kW,6 L4,72,TCD3,Tier 4i	/	01/13 -	MS69
	5kW,6 L4,72,TCD3,Tier 4i	/	01/13 -	MS69
100 VRT	5kW,6 L4,72,TCD3,Tier 4i	/	01/13 -	MS69
105 FORMULA	1000.4WT,103HP	/	01/89 - 12/95	MS354
1050 DT	1000.4WT,103HP	/	01/95 - 12/04	MS354
1060 DT	1000.4WT,105HP	/	01/95 - 12/04	MS354
110	1000.4. 106HP,Tier III	/	-	MS429
	1000.4.106HP,Tier III	/	-	MS429
110 R	6 L4,81kW,TCD3,Tier 4i	/	01/13 -	MS69
	6 L4,81kW,TCD3,Tier 4i	/	01/13 -	MS69
110 VRT	6 L4,81kW,TCD3,Tier 4i	/	01/13 -	MS69
1100	1000.6. 110HP	/	01/00 - 12/03	MS429
115 FORMULA	1000.6W,150HP	/	12/89 - 01/01	MS354
115 FORMULA DT	1000.6W,150HP	/	01/95 - 12/01	MS354
120	1000.6. 120HP	/	01/98 - 12/04	MS429
	6 L4,87kW,TCD3,Tier 4	/	01/13 -	MS69
120 R	6 L4,87kW,TCD3,Tier 4i	/	01/13 -	MS69
120 VRT	6 L4,87kW,TCD3,Tier 4i	/	01/13 -	MS69
120.4	1 L4,87kW,TCD4,Tier 4i	/	01/13 -	MS69
120.4 VRT	1 L4,87kW,TCD4,Tier 4i	/	01/13 -	MS69
130	6 L4,93kW,TCD3,Tier 4i	/	01/13 -	MS69
130 VRT	6 L4,93kW,TCD3,Tier 4i	/	01/13 -	MS69
130.4	1 L4,94kW,TCD4,Tier 4i	/	01/13 -	MS69
130.4 VRT	1 L4,94kW,TCD4,Tier 4i	/	01/13 -	MS69
1300	1000.6. 130HP	/	01/00 - 12/03	MS429
135	1000.6. 135HP	/	01/98 - 12/04	MS429
135 FORMULA DT/DT REV	1000.6WT,132HP	/	01/98 - 12/01	MS354
140.4	1 L4,99kW,TCD4,Tier 4i	/	01/13 -	MS69
140.4 VRT	1 L4,99kW,TCD4,Tier 4i	/	01/13 -	MS69
150	1 L6,110kW,TCD6,Tier 4i	/	01/13 -	MS69
	1000.6. 150HP	/	01/98 - 12/04	MS429
150 RACING DT	1000.6WT,150HP	/	01/95 - 12/01	MS354
150.4	1 L4,110W,TCD4,Tier 4i	/	01/13 -	MS69

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
LAMBORGHINI (continued)				
150.4 VRT	1 L4,110kW,TCD4,Tier 4i	/	01/13 -	MS69
160	1 L6,122kW,TCD6,Tier 4i	/	01/13 -	MS69
	1 L6,TCD6	/	01/13 -	MS69
	1000.6.. 160HP	/	01/00 - 05/13	MS429
160 VRT	1 L6,126kW,TCD6,Tier 4i	/	01/13 -	MS69
160.4	1 L4,122kW,TCD4,Tier 4i	/	01/13 -	MS69
160.4 VRT	1 L4,122kW,TCD4,Tier 4i	/	01/13 -	MS69
1600	1000.6.. 160HP	/	01/00 - 12/03	MS429
165 RACING	1000.6WTI,163HP	/	05/91 - 01/01	MS354
165 RACING DT	1000.6WTI,163HP	/	- 12/01	MS354
180	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MS69
	1000.6.. 180HP	/	01/00 - 12/04	MS429
180 VRT	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MS69
1800	1000.6.. 180HP	/	01/00 - 12/03	MS429
190	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MS69
190 RACING/DT	1000.6WTIR,189HP	/	01/92 - 12/01	MS354
190 VRT	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MS69
200	1000.6.. 200HP	/	01/00 - 12/04	MS429
200 ST	1 L6,139kW,TCD6,Tier 4i	/	01/13 -	MS69
210 VRT	1 L6,151kW,TCD6,Tier 4i	/	01/13 -	MS69
220 ST	1 L6,157kW,TCD6,Tier 4i	/	01/13 -	MS69
230	1000.6.. 230HP	/	01/99 - 12/01	MS429
230 PLUS	1000.6.. 230HP	/	01/04 - 12/04	MS429
230 VRT	1 L6,162kW,TCD6,Tier 4i	/	01/13 -	MS69
240	1000.6.. 244HP	/	01/93 - 12/94	MS429
250 VRT	1 L6,175kW,TCD6,Tier 4i	/	01/13 -	MS69
260	1000.6.. 260HP	/	01/99 - 12/01	MS429
260 PLUS	1000.6.. 260HP	/	01/01 - 12/04	MS429
265	1000.6.. 263HP	/	01/99 - 12/01	MS429
345 F	983L	/	03/88 -	MS58
405	TD27DS4	/	-	MS184
450A/350A	K4F-DT	/	-	MS330
455	320DS Turbo	/	-	MS91
	TD33DS4	/	-	MS184
465	320DS Turbo	/	-	MS91
55	1000.3.. 55HP,Tier II	/	-	MS300
554-50 2RM / DT	1000.3A,50HP	/	01/93 - 12/01	MS300
555 / 560	1000.3A	/	-	MS300
555/560/570		/	-	MS429
55F/70F/75F/90F/100F		/	-	MS429
564-60	1000.3,60HP	/	01/93 - 12/01	MS300
564-60 2RM / DT	1000.3A	/	-	MS300
573 60N	1000.3W	/	02/88 - 11/90	MS58
574 60N	1000.3W	/	02/88 - 11/90	MS58
574-60 N CROSS DT	1000.3A	/	-	MS300
574-70 2RM / DT	1000.3A,70HP	/	01/93 - 12/01	MS300
65	1000.3,62HP,Tier III	/	-	MS300
		/	01/08 -	MS300
654 DT	Same-984P	/	07/77 - 12/81	MS58
654-55	1000.3.. 56HP	/	01/00 - 12/04	MS300
660	1053.P	/	01/86 - 12/87	MS300
660 AGILE	1000.3A,60HP	/	01/86 - 12/97	MS354
660-F PLUS DT/2RM	1000.3A	/	-	MS300
660-V AGILE	1000.3A	/	-	MS354
660-V DT	1000.3A	/	-	MS354
660-V DT / AGILE	1000.3A	/	-	MS300
664-60 SPRING /DT/2RM	1000.3W	/	01/95 - 12/00	MS300
674 70	1000.4W	/	06/86 -	MS58
674 70N	1000.4W	/	06/86 -	MS58
674 70NBASSO	1000.4W	/	06/86 -	MS58
674-70	1000.4.. 70HP	/	01/95 - 12/00	MS429
674-70 DT/2RM	1000.4W,70HP	/	01/86 - 12/90	MS354
674-70 GRAN PRIX	1000.4W	/	01/89 - 12/98	MS354
674-70 N CROSS 2RM	1000.4W,70HP	/	01/86 - 12/90	MS354
674-70 N CROSS DT REV/BASSO	1000.4W,70HP	/	01/86 - 12/90	MS354
674-70 SPRINT	1000.4W	/	01/95 - 12/00	MS354
674-70 SPRINT DT/2RM	1000.4W,70HP	/	01/86 - 12/90	MS354

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
674-75	1000.4..72HP	/	01/00 - 12/04	MS429
674-75N/774-85N/874-95N		/	-	MS429
684 DT	67HP,984P	/	01/82 - 12/85	MS58
684-85	1000.4..83HP	/	01/00 - 12/04	MS429
704DT	FL1104/1	/	06/73 - 04/78	MS309
75	1000.3,72HP,Tier III	/	-	MS300
		/	01/08 -	MS300
75/95		/	-	MS429
754 DT	Same-984P	/	11/76 - 01/82	MS58
770 AGILE	1000.3WVT	/	-	MS300
774 80	1000.4W	/	06/86 -	MS58
774 80DT	1000.4W	/	06/86 -	MS58
774 80N	1000.4W	/	06/86 -	MS58
774-80 N DT	1000.4W,80HP	/	01/86 - 12/90	MS354
775 80N	1000.4W	/	06/87 -	MS58
775-V AGILE	1000.4W	/	-	MS354
775-V DT	1000.4W	/	-	MS354
80	1000.3..82HP,Tier III	/	-	MS300
	1000.4,75HP,Tier III	/	-	MS429
80,4	1000.4..80HP,Tier III	/	-	MS429
80/90/100		/	-	MS429
850 DT/2RM	1000.4W,85HP	/	01/95 - 12/04	MS354
874-90	1000.4WT	/	01/89 - 12/98	MS354
874-90 DT REV	1000.4WT,90HP	/	01/86 - 12/90	MS354
880 AGILE	1000.4W	/	-	MS354
880-F PLUS DT	1000.4W	/	-	MS354
90	1000.4..85HP,Tier III	/	-	MS300
		/	-	MS429
90 R	5kW,6 L4,65,TCD3,Tier 4i	/	01/13 -	MS69
90.3	1000.3..90HP,Tier III	/	-	MS300
950 DT	1000.4WT,95HP	/	01/95 - 12/04	MS354
990 AGILE	1000.4WT	/	-	MS354
990-F PLUS DT	1000.4WT	/	-	MS354
AGILE 660/770/880/990/775		/	-	MS429
C 352S/L		/	07/74 - 08/76	MS300
C 503S/L		/	04/73 - 06/76	MS300
C 554 COMPACT	1003PA	/	-	MS300
C 554 ERGOMATIC	1003PA	/	-	MS300
C 603 L	FL1053	/	04/73 - 06/76	MS309
C 603/S/L/LL		/	07/74 - 08/76	MS300
C 664 ERGOMATIC/LARGO/SUPERCOM.	1053PA	/	-	MS300
C 674 ERGOMATIC	1000.4W,70HP	/	-	MS354
C 674 LARGO	1000.4W,70HP	/	-	MS354
C 684 L/N	100.4P	/	04/83 - 12/83	MS58
C 754	1000.4W,80HP	/	06/86 -	MS58
	105.4P	/	01/80 - 12/84	MS58
C 774 ERGOMATIC	1000.4W,80HP	/	-	MS354
C 784 L	105.4P	/	04/83 - 12/84	MS58
C 874 ERGOMATIC	1000.4WT,90HP	/	-	MS354
C. 110 SIX	1000.4..102HP,Tier III	/	-	MS429
CF 100	1000.4..95HP,Tier III	/	-	MS429
CF 100 L/N	1000.4..99HP	/	-	MS429
CF 78 L/N/ST	1000.4..78HP	/	-	MS429
CF 88 L/N/ST	1000.4..88HP	/	-	MS429
CF 90	1000.4..85HP,Tier III	/	-	MS429
CF 90 L/N/ST	1000.4..90HP	/	-	MS429
CF 98 L/N/ST	1000.4..98HP	/	-	MS429
R 1056 DT	986-3	/	02/77 - 01/81	MS58
R 1106/1306/1506	916.6W	/	-	MS354
R 1306	916.6WVT	/	-	MS354
R 1356 DT	135HP,H1106-12	/	12/80 - 12/84	MS58
R 1556	H1106-15	/	06/81 - 12/84	MS58
R 1706		/	-	MS354
R 235/DT		/	09/72 - 06/89	MS300
R 503/DT	47HP	/	03/71 - 12/82	MS190
R 550	983LA	/	-	MS300
R 574-60		/	-	MS300
R 603/DT		/	03/71 -	MS190
R 613 DT	105.3P	/	01/82 - 02/88	MS58
R 653 F	105.3P	/	03/82 - 12/85	MS58

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
LAMBORGHINI (continued)				
R 674-70		/	-	MS354
R 684 F	984P	/	03/82 - 12/85	MS58
R 704	1104/1	/	06/73 - 04/78	MS309
R 714 DT 2RM	100.4P	/	03/84 - 02/88	MS58
R 754	105.4P	/	01/82 - 12/85	MS58
R 774-80		/	-	MS354
R 804	FL 1104/2	/	02/73 - 12/79	MS309
R 804 DT		/	02/79 - 12/79	MS280
R 854 DT 2RM	105.4P	/	11/76 - 12/85	MS58
R 874-90		/	-	MS354
R 904		/	02/79 - 12/79	MS309
R 904 DT		/	02/79 - 12/79	MS309
R 955 DT 2RM	105.5P	/	06/79 - 12/85	MS58
R 956	916.6VW	/	-	MS354
R2.100	1000.4VW,95HP,Tier III	/	-	MS429
R2.59	1000.3,59HP	/	-	MS300
R2.60 TARGET	1000.3,62HP,Tier III	/	-	MS300
R2.66	1000.3,66HP	/	-	MS300
R2.70	1000.3,72HP,Tier III	/	-	MS300
R2.70 TARGET	1000.3,72HP,Tier III	/	-	MS300
R2.76	1000.4,76HP	/	-	MS429
R2.80	1000.3,82HP,Tier III	/	-	MS300
R2.80 TARGET	1000.3,82HP,Tier III	/	-	MS300
R2.86	1000.4,86HP	/	-	MS429
R2.90	1000.4VW,85HP,Tier III	/	-	MS429
R2.90 TARGET	1000.4VW,85HP,Tier III	/	-	MS429
R3.100 EVO	Deutz 2012 EURO II	/	-	MS65
R3.105	1000.4,102HP,Tier III	/	-	MS429
R3.75	.. 75HPSAME	/	-	MS429
R3.85	1000.4,85HP	/	-	MS429
R3.85 EVO	Deutz 2012 EURO II	/	-	MS65
R3.90	1000.4,88HP,Tier III	/	-	MS429
R3.95	1000.4,95HP	/	-	MS429
R3.E80/100	99HP,TCD2012 L04 2V,Tier III	/	-	MS65
R3.E80/85	85HP,TCD2012 L04 2V,Tier III	/	-	MS65
R3.E80/10	109HP,TCD2012 L04 2V,Tier III	/	-	MS65
R3.T TARGET 105	1000.4,102HP,Tier III	/	-	MS429
R3.T TARGET 90	1000.4,88HP,Tier III	/	-	MS429
R3.T100	4-cyl,99HP,TCD2012 L04 2V	/	-	MS65
R3.T85	4-cyl,85HP,TCD2012 L04 2V	/	-	MS65
R3.TB100	99HP,TCD2012 L04 2V,Tier III	/	-	MS65
R3.TB85	85HP,TCD2012 L04 2V,Tier III	/	-	MS65
R360DT	FL1153	/	01/68 - 12/71	MS309
R4.VRT100	99HP,TCD2012 L04 2V,Tier III	/	01/10 -	MS65
R4.VRT110	109HP,TCD2012 L04 2V,Tier III	/	01/10 -	MS65
R4.100	99HP,TCD2012 L04-2V,Tier III	/	01/09 -	MS65
R4.105	1000.6VW,100HP	/	01/04 - 12/09	MS429
R4.110	1000.4WT1,109HP	/	01/04 - 12/09	MS429
	109HP,TCD2012 L04 2V,Tier III	/	01/09 -	MS65
R4.85	1000.4WT,85HP	/	01/04 - 12/09	MS429
R4.95	1000.4WT,91HP	/	01/04 - 12/09	MS429
R470/DT	FL1104	/	01/68 - 12/71	MS309
R480/DT	FL1154	/	01/68 - 12/71	MS309
R5.115	1000.6WT,115HP	/	01/03 - 12/07	MS429
R5.130	1000.6WT,128HP	/	01/03 - 12/07	MS429
R5.140 EVO	1000.6WT1,140HP	/	01/10 -	MS429
R5.160 EVO	1000.6WT1,163HP	/	01/10 -	MS429
R6.T4I 150	1 L6,149HP,TCD6,Tier IIIb	/	01/12 -	MS65
R6.T4I 150.4	1 L4,149HP,TCD4,Tier 4	/	01/12 -	MS65
R6.T4I 160	1 L6,161HP,TCD6,Tier IIIb	/	01/12 -	MS69
R6.T4I 160.4	1 L4,166HP,TCD4,Tier 4	/	01/12 -	MS69
R6.T4I 180	1 L6,175HP,TCD6,Tier IIIb	/	01/12 -	MS69
R6.T4I 190	1 L6,193HP,TCD6,Tier IIIb	/	01/12 -	MS69
R6.100	100HP,Deutz EURO III/II	/	- 12/07	MS65
R6.110	110HP,Deutz EURO III/II	/	- 12/07	MS65
R6.115	130kW,6-cyl,TCD 2012 L06-2V	/	-	MS65
R6.120	120HP,Deutz 2012,Tier II	/	- 12/07	MS65

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
R6.125	130kW,TCD2012 L04-2V,Tier III	/	-	MS65
R6.130	130HP,TCD2012 L6.,Tier III	/	-	MS65
R6.140	TCD2012 L6., 140HP,Tier III	/	- 12/04	MS65
R6.160	TCD2012 L6., 160HP,Tier III	/	-	MS65
R6.175	TCD2012 L6., 175HP,Tier III	/	-	MS65
R6.185	TCD2012 L6., 185HP,Tier III	/	-	MS65
R6.VRT.150.7	164HP,TCD2013L06,Tier II/III	/	-	MS65
R6.VRT.165.7	174HP,TCD2013L06,Tier II/III	/	-	MS65
R7.190	197HP,TCD2013 L06,Tier III	/	-	MS65
R7.210	Deutz TDC2013 L06 2V DCR	/	-	MS65
R7.220	220HP,TCD2013 L06,Tier III	/	-	MS69
R8.230	Deutz Common Rail 2013 EURO 3	/	-	MS65
R8.270	Deutz Common Rail 2013 EURO 3	/	-	MS65

LANDINI

TRACTORS

100		/	-	MS299
	1104D-44T	/	-	MS299
	1104D-44T,4-cyl,5HP,92	/	-	MS299
	1104D-44TA,4-cyl	/	-	MS299
	Perkins 1004-40T	/	-	MS282
100 F/GE/GT	1104D-44TA,4-cyl,5HP,92	/	-	MS299
100 F/M	1104D-44T,4-cyl,92HP	/	-	MS299
100 GT	Perkins 1004-40T	/	-	MS282
100 STD	1104D-44T,4-cyl,5HP,92	/	-	MS299
10000S	A6.354.4	/	-	MS345
105	1104C/D-44T	/	-	MS299
	1104C-44T	/	-	MS299
	1104D-44T	/	-	MS299
	Perkins 1004	/	-	MS4
105 F/GE/GT	1104C-44	/	-	MS299
105 F/M	1104D-44T,4-cyl,99HP	/	-	MS299
105 STD	1104D-44T,4-cyl,99HP	/	-	MS299
110		/	-	MS299
	102HP,1104D-44TA,4-cyl	/	-	MS299
	Perkins 1006-60	/	-	MS307
110 F/GE/GT	102HP,1104D-44TA,4-cyl	/	-	MS299
115	1104D-44TA,110HP,4-cyl	/	-	MS299
	Perkins 1006-6	/	-	MS307
120	Perkins 1006-60T	/	-	MS307
120 F/GE/GT	1104D-44TA,110HP,4-cyl	/	-	MS299
125	117HP,6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138
12500	A6.354.4	/	-	MS345
130	Perkins 1006-60T	/	-	MS307
13000	A6.354.4	/	-	MS345
135	133HP,6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138
140	Perkins 1006-60T	/	-	MS307
145	141HP,6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138
	Perkins 1006-6THR	/	-	MS307
145 NEF GR TAA	6728/6	/	-	MS138
14500	AT6.354.4	/	-	MS345
160	Perkins 1006-6TVW	/	-	MS307
165	157HP,6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138
	Perkins 1006-6THR	/	-	MS307
168 NEF CR TAA	6728/6	/	-	MS138
180	6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138
	Perkins 1006-6TA	/	-	MS307
185	6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138
190 NEF CR TAA	6728/6/24	/	-	MS138
	Sun Jun 24 02:00:00 CEST 6728	/	-	MS138
210 NEF CR TAA	6728/6	/	-	MS138
230 NEF CR TAA	6728/6/24	/	-	MS138
	Sun Jun 24 02:00:00 CEST 6728	/	-	MS138

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
LANDINI (continued)				
4068	Perkins 1004.42	/	-	MS273
50	AD3.152	/	-	MS267
5030	AD3.152	/	-	MS267
5-090D	4-cyl,854E-E34TA,85HP,Tier 4	/	-	MS222
5-090H	4-cyl,854E-E33TA,85HP,Tier 4	/	-	MS222
5-100D	4-cyl,854E-E34TA,95HP,Tier 4	/	-	MS222
5-100H	4-cyl,854E-E34TA,95HP,Tier 4	/	-	MS222
5-110D	102HP,4-cyl,854E-E34TA,Teir4	/	-	MS222
5-110H	102HP,4-cyl,854E-E33TA,Tier 4	/	-	MS222
5-115H	113P,4-cyl,854E-E34TA,Tier 4	/	-	MS222
55	Perkins 903-27	/	-	MS273
55 TOP	Perkins 903-27	/	-	MS273
5560 F/L	AD3.152	/	-	MS267
5560 V	AD3.152	/	-	MS267
5830	AD3.152	/	-	MS267
5860	AD3.152	/	-	MS267
	Perkins 903-27	/	-	MS273
60	1103C-33	/	-	MS299
	T3.1524	/	-	MS267
	T3152 Perkins	/	-	MS267
60 F/GE	1103C-33	/	-	MS299
60 F/L/V	Perkins 903-27	/	-	MS273
6060	T3.1524	/	-	MS267
6060 F/L/V	T3.1524	/	-	MS267
6-120C	89kW,CR TAA,NEF,Tier 4	/	01/13 -	MS138
	NEF	/	01/13 -	MS138
6-130C	98kW,CR TAA,NEF,Tier 4	/	01/13 -	MS138
	NEF	/	01/13 -	MS138
6-145	105kW,CR TAA,NEF,Tier 4i	/	01/12 -	MS138
	NEF	/	01/12 -	MS138
6-160	118kW,CR TAA,NEF,Tier 4i	/	01/12 -	MS138
	NEF	/	01/12 -	MS138
6-175	129kW,CR TAA,NEF,Tier 4i	/	01/12 -	MS138
	NEF	/	01/12 -	MS138
65	4236 Perkins	/	-	MS267
	A4.236	/	-	MS345
	Perkins 1004-40	/	-	MS282
	Perkins 4.236	/	-	MS294
65 V	Perkins 903-27T	/	-	MS273
6560 F/L/V	A4.236	/	-	MS345
6830	A4.236	/	-	MS345
6860	A4.236	/	-	MS345
6870	A4.236	/	-	MS294
6880	A4.236	/	-	MS345
70	Perkins 1004-40	/	-	MS282
70 F/GE	1103D-33TA,3-cyl,68HP	/	-	MS299
70 F/L/GT/V	Perkins 1004-40	/	-	MS282
70 GT/STD	1103D-33TA,50kW,Tier 3	/	01/12 -	MS299
70 V	Perkins 1004-40	/	-	MS282
7-145	156HP,6-cyl,CR TAA,FPT,NEF	/	-	MS138
	6-cyl,FPT,NEF	/	-	MS138
7-165	171HP,6-cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
7-175	129kW,6-cyl,FPT,NEF,Tier 4	/	01/13 -	MS138
	FPT,NEF	/	01/13 -	MS138
7-180	175HP,6-cyl, CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
7-190	138kW,6-cyl,FPT,NEF,Tier 4	/	01/11 -	MS138
	199HP,6-Cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
			01/11 -	MS138
7-195	188HP,6-cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
7-205	203HP,6-cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
7-210	213HP,6-Cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
7-215	156kW,6-cyl,FPT,NEF,Tier 4	/	01/13 -	MS138
	FPT,NEF	/	01/13 -	MS138
7-220	218HP,6-cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
7-230	225HP,6-Cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
7-235	232HP,6-cyl,CR TAA,FPT,NEF	/	-	MS138
	FPT,NEF	/	-	MS138
75	1104C-44	/	-	MS299
	A4.236	/	-	MS345
	Perkins 1004	/	-	MS91
	Perkins 1004-42	/	-	MS282
75 F/GE/T	1104C-44	/	-	MS4
7560 F/L	A4.236	/	-	MS345
7860	A4.236	/	-	MS345
7870	A4.236	/	-	MS294
7880	A4.236	/	-	MS345
80		/	-	MS299
	1104D-44,4-cyl,74HP	/	-	MS299
	Perkins 1004-42	/	-	MS282
80 F/GE	1103C-33T	/	-	MS299
80 F/GE/GT	1104D-44,4-cyl,74HP	/	-	MS299
80 F/L/GT/V	Perkins 1004-42	/	-	MS282
80 F/M	1104D-44,4-cyl,74HP	/	-	MS299
80 GT/STD	1104D-44NA,4-cyl,74HP	/	-	MS299
80 V/S	1104D-44	/	-	MS299
85	1104C-44	/	-	MS299
	A4.248	/	-	MS345
	Perkins 1004	/	-	MS4
85 F/GE/GT	1104C-44,4-cyl,79HP	/	-	MS299
8560 F/L	A4.248	/	-	MS345
8860	A4.248	/	-	MS345
8870	A4.248	/	-	MS294
8880	A4.248	/	-	MS345
90		/	-	MS299
	1144D-44T,4-cyl,83HP	/	-	MS299
	Perkins 1004-40T	/	-	MS282
90 F/GE/GT	1104D-44T,4-cyl,83HP	/	-	MS299
90 F/M	1104D-44T,4-cyl,83HP	/	-	MS299
90 G/GT	Perkins 1004-40T	/	-	MS282
90 S/V	1104D-44T,4-cyl,83HP	/	-	MS299
90 STD	1104D-44T,4-cyl,83HP	/	-	MS299
9080	T4.236	/	-	MS345
90F/110	Perkins 1004-40T	/	-	MS21
95	1104C-44	/	-	MS299
	1104C-44T	/	-	MS299
	Perkins 1004	/	-	MS4
	T4.236	/	-	MS345
95 F/GE/GT	1104C-44	/	-	MS299
9880	T4.236	/	-	MS345
BLIZZARD	Perkins 1004-42	/	-	MS307
	Perkins T3152	/	-	MS267
CABINATO	Perkins 1004-42	/	-	MS307
CABINATO L003,RP50	Perkins 1004.42	/	-	MS273
CABINATO RP00	Perkins 1004-42	/	-	MS282
CABINATO RP00; PR01	Perkins D3.152	/	-	MS273
CINGOLI L005	Perkins 1004-42	/	-	MS273
FOOT STEP L004	Perkins 1004.42	/	-	MS273
FOOT STEP RT00; RT01	Perkins D3.152	/	-	MS273
FOOT STEP RT40	Perkins 1004.42	/	-	MS273
FOOT-STEP	Perkins 1004-42	/	-	MS307
L002	Perkins 1004.42	/	-	MS273
LEGEND	Perkins 1006-6HR3	/	-	MS347
MINI	Perkins 1004-42	/	-	MS307
R. FOOT-STEP RT01	Perkins 1004-42	/	-	MS282
R. FOOT-STEP RT40	Perkins 1004-42	/	-	MS282
RP30/RP20	Iseki-704-30/57.6	/	-	MS273
	Perkins 80972/47	/	-	MS273
	Perkins AS81039	/	-	MS273
RP50	Perkins 1004-42	/	-	MS282

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
LANDINI (continued)				
SERIE 60	Perkins 1004-40T	/	-	MS21
SERIE 80	Perkins 1004-40T	/	-	MS21
TRACTORS	Engine,F5C	/	-	MS222

LANZ

TRACTORS

NF		/	01/72 - 03/77	MS190
	MWM-D325-2	/	04/77 - 12/80	MS313
NI-F/-R	MWM-D325-2	/	04/77 - 12/80	MS313
NI-R		/	01/72 - 03/77	MS190
NO		/	01/72 - 03/77	MS190
	MWM-D325-2	/	04/77 - 12/80	MS313
RA		/	01/72 - 03/77	MS190

LAVERDA

COMBINES

3300	8051.04.100	/	01/83 - 12/86	MS195
3300 AL	80511005	/	04/83 -	MS195
3350	8065I	/	01/83 - 06/86	MS195
3350 AL	8061SI	/	01/83 - 12/86	MS195
3400	80611005	/	05/86 -	MS195
3450	8065I	/	01/83 - 12/84	MS195
3500	8061105	/	01/85 -	MS195
3550	8061SI05	/	03/85 -	MS195
3600	8061SI	/	01/83 - 06/86	MS195
3650	8061105	/	06/85 -	MS195
3700	OM-8361	/	01/83 - 12/85	MS278
3750	8061SI25	/	06/85 -	MS195
3790	OM-8361 SI 10.00	/	06/85 -	MS278
3850	OM-8361 S 10	/	01/91 -	MS278
	OM-8361 SI 01	/	04/85 -	MS278
3890	OM-8361 SI 10	/	03/86 -	MS278
3900	8261SI002	/	01/83 - 12/85	MS529
	Fiat-8261 I 002	/	01/83 - 12/85	MS529
M150		/	01/71 - 01/75	MS347
MX 300	8210SI02	/	03/87 - 10/90	MS529
	Fiat-8210.SI.02	/	03/87 - 10/90	MS529

LEE BOY

SPECIAL EQUIPMENT

SAND SPREADERS	3-cyl.	/	01/76 - 01/79	MS137
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LIEBHERR

WHEEL LOADERS

L506 COMPACT	4-cyl,46kW,D2011 L4W	/	-	MS27
				MS641
	D2011 L4W	/	-	MS27
				MS641
L507 SPEEDER/STEREO	4-cyl,46kW,D2011 L4W	/	-	MS27
				MS641
	D2011 L4W	/	-	MS27
				MS641
L507 STEREO	4-cyl,46kW,D2011 L4W	/	-	MS27
				MS641
	D2011 L4W	/	-	MS27
				MS641
L508 COMPACT	4-cyl,46kW,D2011 L4W	/	-	MS27
				MS641
	D2011 L4W	/	-	MS27
				MS641
L509 SPEEDER/STEREO	4-cyl,60kW,D2011 L4W	/	-	MS28

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
	D2011 L4W	/	-	MS641
				MS28
				MS641
L509 STEREO	4-cyl,46kW,D2011 L4W	/	-	MS27
				MS641
	D2011 L4W	/	-	MS27
				MS641
L510 STEREO	4-cyl,60kW,D2011 L4W	/	-	MS27
				MS641
	D2011 L4W	/	-	MS27
				MS641

LINDNER

TRACTORS

103	97HP,Perkins 1104C-44	/	-	MS297
104	80kW,Perkins 1104D-E44TA	/	-	MS403
114	85kW,Perkins 1104D-E44TA	/	-	MS403
124	93kW,Perkins 1104D-E44TA	/	-	MS403
1450 7	Perkins A3.152	/	-	MS343
1500 7	Perkins A3.152	/	-	MS343
84 EP	70kW,Perkins 854E-E34TA	/	-	MS200
90 EP	75kW,Perkins 854E-E34TA	/	-	MS200
93	90HP,Perkins 1104C-44	/	-	MS297
94	5kW,74,Perkins 1104D-E44T	/	-	MS226

LINER CONCRETE

TRACTORS

LISTER ST1		/	01/76 - 01/79	MS51
LISTER ST2		/	01/76 -	MS51

LTZ (LIPECKY TRACTORS)

TRACTORS

55/A/AH	D144	/	-	MS320
60/A/AH	D144	/	-	MS320

MANITOU

LIFT TRUCKS

MI 60 H	1104C 44 T,5kW,74,Tier 4	/	01/10 -	MS399
MI 70 H	1104C-44T,5kW,74,Tier 4	/	01/10 -	MS399
MSI 40 T	1104D-44T,65kW,Tier 3	/	-	MS399
MSI 50 T	1104D-44T,70kW,Tier 3	/	-	MS399

TELEHANDLER

MHT 780	106kW,1104D-E44TA,Tier 3	/	01/06 -	MS399
MHT 860	106kW,1104D-E44TA,Tier 3	/	01/10 -	MS399
MLT 634-120	6 L4,90kW,TCD3,Tier 4	/	08/78 - 08/82	MS645
	6 L4,TCD3	/	-	MS645
MLT 634-120 PS	6 L4,TCD3	/	-	MS645
MLT 735-100	6 L4,TCD3	/	-	MS645
MLT 735-120	6 L4,TCD3	/	-	MS645
				MS651
MLT 741-120 PS	6 L4,90kW,TCD3,Tier 4	/	09/82 - 12/84	MS645
	6 L4,TCD3	/	-	MS645
MLT 845-120/H	90kW,OM904LA... 4-cyl	/	08/78 - 08/82	MS199
MLT 940 H	6 L4,90kW,TCD3,Tier 4	/	09/82 - 12/84	MS645
	6 L4,TCD3	/	-	MS645
MRT 1440	1104D-44T,5kW,74,Tier 3	/	09/82 - 12/84	MS399
	5HP,74,Perkins 1104D-44T	/	09/82 - 12/84	MS289
MRT 1640	1104D-44T,5kW,74,Tier 3	/	08/78 - 08/82	MS399
MRT 1840	1104D-44T,5kW,74,Tier 3	/	09/82 - 12/84	MS399
	Perkins 854E-E34TA	/	-	MS399
			08/78 - 08/82	MS399
MRT 1850	110kW,OM904LA... 4-cyl	/	08/78 - 08/82	MS199
MRT 2150; MRT-X 2150	110kW,OM904LA... 4-cyl	/	-	MS199
MRT 2540	110kW,OM904LA... 4-cyl	/	-	MS199

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MANITOU (continued)				
MRT-X 2540	110kW,OM904LA... 4-cyl	/	-	MS199
MT 1135/H/HA	75kW,854E-34TA,Tier 4	/	-	MS399
MT 1335 H/HA	75kW,854E-34TA,Tier 4	/	-	MS399
MT 1440 /A/H/HA	854-E34TA	/	-	MS399
MT 1440/A/H/HA	75kW,854-E34TA,Tier 4	/	-	MS399
MT 1840	1104D-44TA,5kW,74,Tier 3	/	01/92 - 12/97	MS399
MT 835/H	75kW,854-E34TA,Tier 4	/	01/89 - 03/92	MS399

MARSHALL

TRACTORS

D 135		/	-	MS280
D 150		/	-	MS280

MASSEY-FERGUSON

COMBINES

9790	Perkins 1006-60	/	-	MS111
BC 4500	6cyl.,PERKINS/MWM	/	-	MS50
MF 20		/	01/69 - 01/81	MS243
MF 206		/	01/73 -	MS345
MF 20E		/	01/82 -	MS243
MF 307		/	01/73 -	MS345
MF 487		/	01/69 - 01/73	MS345
MF 506		/	01/75 -	MS345
MF 520	Perkins A6.354	/	01/71 -	MS345
MF 525	Perkins A6.354	/	01/71 -	MS345
MF 587		/	01/71 - 01/74	MS385
TX 45		/	01/69 - 01/74	MS345

FARM EQUIPMENT

AA 440	6cyl.,PERKINS/MWM	/	-	MS50
AA 550	6cyl.,PERKINS/MWM	/	-	MS91
AA 660	6cyl.,PERKINS/MWM	/	-	MS91
BALER 1426	Caterpillar	/	01/86 - 01/89	MS94
	PERKINS	/	01/89 - 01/92	MS94
BALER 1495	PERKINS	/	01/82 - 01/85	MS94
D600C	Hanomag-D962K	/	01/75 - 06/80	MS511
D66C	Hanomag-D963A1	/	01/75 - 06/80	MS511
D700C	Hanomag-D963K	/	01/75 - 06/80	MS511

FIELD CHOPPER

MF 102	Perkins-A6.372	/	01/72 -	MS345
	Perkins-AT6.354	/	01/73 -	MS345
MF 105		/	01/77 -	MS345
MF 201		/	01/72 - 01/77	MS345
MF 205		/	01/77 - 01/78	MS345

LOADERS

MF 11		/	01/06 -	MS345
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TELEHANDLER

9407 S-XTRA	4-Cyl,6,90kW,Deutz 3,Tier 4	/	-	MS645
	6,90kW,Deutz 3	/	-	MS645

TRACTORS

MF 1080	Perkins A4.318	/	01/71 - 01/74	MS345
				MS385
MF 1080 S-4RM	Perkins A4.318	/	-	MS345
MF 1085	A4.318	/	-	MS345
MF 1100	Perkins A6.354	/	01/77 -	MS345
MF 1104		/	01/73 -	MS345
MF 1114	Perkins A6.354	/	01/77 -	MS345
MF 1200		/	01/71 - 01/79	MS347
	Perkins A6.354.1	/	- 01/79	MS385
			01/80 -	MS385
MF 1250	Perkins A6.354.4	/	01/77 -	MS345
			01/79 - 01/82	MS385

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MF 133		/	01/66 - 01/76	MS243
MF 133 STANDARD/SUPER		/	01/69 -	MS267
MF 134 C		/	01/73 -	MS267
MF 135		/	01/66 - 01/79	MS243
	Perkins AD3.152	/	01/69 -	MS267
MF 135/V	Perkins AD3.152	/	01/69 -	MS149
MF 140		/	01/71 -	MS243
MF 140 VINEYARD		/	01/69 -	MS267
MF 145		/	01/66 - 01/76	MS243
			01/69 -	MS267
MF 145/S/V		/	01/69 -	MS149
MF 145V		/	01/83 - 01/84	MS149
MF 148		/	01/71 - 01/79	MS243
	Perkins AD3.152	/	01/71 - 01/72	MS49
			01/73 -	MS267
MF 152		/	01/71 -	MS267
			01/77 - 01/89	MS243
			01/80 - 01/83	MS149
MF 152 S		/	01/83 - 01/86	MS149
MF 152 VINEYARD		/	01/77 - 01/89	MS243
			01/87 - 01/89	MS149
MF 154		/	01/71 -	MS267
MF 154 C		/	01/71 -	MS267
MF 155	Perkins AD4.203	/	01/69 -	MS149
MF 155.3		/	01/81 -	MS243
MF 158	Perkins AD4.203	/	01/69 -	MS149
MF 158/F/S/VINEYARD		/	01/81 -	MS243
MF 165	Perkins AD4.203	/	01/69 - 01/76	MS49
MF 165.3		/	01/69 - 01/76	MS243
MF 168	Perkins A4.236	/	01/71 - 01/76	MS49
MF 168 F	Perkins A4.236	/	01/69 - 01/76	MS385
MF 174	Perkins A4.236	/	01/73 -	MS49
MF 174 C/F/S	Perkins A4.236	/	01/73 -	MS385
MF 175	Perkins A4.236	/	01/73 -	MS385
MF 178	Perkins A4.248	/	-	MS345
			01/73 -	MS385
MF 178.8	Perkins A4.248	/	01/73 -	MS49
MF 184 F/S	Perkins A4.236	/	01/82 -	MS385
MF 185	Perkins A4.248	/	01/73 - 01/76	MS385
MF 186		/	01/69 - 01/71	MS345
				MS395
MF 188	Perkins A4.248	/	01/71 - 01/79	MS385
MF 194	Perkins A4.248	/	01/73 -	MS385
MF 195		/	01/73 -	MS49
MF 20/B	Perkins AD3.152	/	01/70 - 01/81	MS267
MF 20/E	Perkins AD3.152	/	01/82 -	MS267
MF 200	4/6cyl.,PERKINS/MVVM	/	-	MS3
				MS91
MF 200/B		/	01/69 - 12/92	MS347
MF 207		/	01/72 - 12/97	MS345
MF 2203		/	01/69 -	MS267
MF 2205		/	01/69 -	MS267
MF 230		/	01/73 -	MS243
	Perkins AD3.152	/	01/77 -	MS243
			01/83 -	MS267
MF 234C	Perkins A3.152	/	01/83 -	MS343
MF 235		/	01/77 -	MS267
MF 240	Perkins A4.236	/	01/77 -	MS267
	Perkins AD3.152	/	01/79 - 12/88	MS149
MF 240.3		/	01/77 -	MS243
MF 245		/	01/79 - 12/88	MS267
MF 250		/	01/77 -	MS243
	Perkins AD3.152	/	01/82 -	MS267
			01/83 - 01/86	MS149
MF 250.3		/	01/77 -	MS243
MF 250/F		/	-	MS243
MF 254	Perkins AD3.152	/	01/77 -	MS343
MF 255		/	01/73 - 01/76	MS243
	Perkins AD3.152	/	01/77 - 12/88	MS267
MF 255.3		/	01/73 - 01/76	MS243

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MASSEY-FERGUSON (continued)				
MF 255/F		/	-	MS243
MF 260		/	01/75 -	MS49
MF 2600	4/6cyl.,PERKINS/MWMM	/	-	MS91
MF 262/F		/	-	MS243
MF 2620	Perkins A6.354.4	/	01/79 -	MS348
MF 264 C		/	01/77 -	MS385
MF 2640	Perkins A6.354.4	/	01/79 -	MS348
MF 2645	Perkins A6.354.4	/	01/79 -	MS348
MF 265	Perkins A4.236	/	01/75 - 01/86	MS49
MF 2680	Perkins AT6.354.4	/	01/91 -	MS348
MF 2685	Perkins AT6.354.4	/	01/91 -	MS348
MF 2720	Perkins AT6.354.4	/	01/91 -	MS348
MF 2725	Perkins AT6.354.4	/	01/83 -	MS348
MF 273		/	01/79 -	MS385
MF 274 C/S/SK	Perkins A4.236	/	01/79 -	MS385
MF 275	Perkins A4.236	/	01/79 -	MS49
MF 283		/	-	MS3
			01/79 -	MS385
MF 283/F		/	-	MS3
MF 284 AS/ASK/S	Perkins A4.236	/	01/75 -	MS385
MF 285	Perkins A4.236/318	/	01/75 -	MS49
MF 285 S		/	01/79 -	MS385
MF 290	PERKINS	/	-	MS4
	Perkins A4.248	/	01/79 - 01/86	MS49
			04/80 -	MS3
MF 291/K		/	-	MS151
MF 292		/	-	MS3
MF 293		/	01/80 -	MS385
MF 294 AS/ASK/C/S	Perkins A4.248	/	01/80 -	MS385
MF 298	Perkins A4.318	/	01/83 - 01/86	MS95
MF 30		/	01/69 -	MS49
MF 30 D		/	01/82 -	MS345
MF 3050	Perkins A4.236	/	01/88 - 01/94	MS95
MF 3060	Perkins A4.248	/	01/88 -	MS345
MF 3065	Perkins AT4.236	/	01/86 -	MS91
			01/88 -	MS345
MF 3070	Perkins AT4.236	/	01/88 -	MS345
MF 3080	Perkins A6.354.4	/	01/86 -	MS348
MF 3090	Perkins A6.354.4	/	01/86 -	MS348
MF 3145		/	-	MS347
MF 32	6cyl.,PERKINS/MWMM	/	-	MS50
	Sisu 620DS 6cyl.	/	03/08 -	MS175
MF 330S		/	-	MS151
MF 34	6cyl.,PERKINS/MWMM	/	-	MS91
	Sisu 634DSA 6cyl.	/	04/08 -	MS175
MF 3425	Perkins 1103C33T	/	-	MS399
MF 3435	Perkins 1104C44	/	-	MS399
MF 3445	Perkins 1104C44T	/	-	MS399
MF 3455	Perkins 1104C44T	/	-	MS399
MF 35		/	01/86 -	MS243
	4 cyl. Leyland engine	/	-	MS51
MF 350		/	01/86 -	MS243
	Perkins AD3.152	/	01/87 -	MS149
MF 355	Perkins AT3.152	/	01/87 -	MS149
MF 360		/	01/86 -	MS243
	Perkins AT3.152	/	01/87 -	MS149
MF 3610	Perkins A6.354.4	/	01/86 -	MS348
MF 3625 V/S/F/GE	3-cyl,69HP,Sisu D. 33 DTA	/	-	MS225
MF 3625 V/S/F/GE	Sisu D. 33 DTA	/	-	MS225
MF 3630	Perkins AT6.354.4	/	01/86 -	MS348
MF 3630 A	3-cyl,56kW,Agco Power	/	-	MS225
MF 3630A	3-cyl,Agco Power	/	-	MS225
MF 3635 V/S/F/GE	3-cyl,80HP,Sisu D. 33 DTA	/	-	MS225
MF 3635 V/S/F/GE	Sisu D. 33 DTA	/	-	MS225
MF 3640 A	3-cyl,84HP,Sisu Diesel 33CTA	/	-	MS225
	Sisu Diesel 33CTA	/	-	MS225
MF 3640 V/S/F/GE	3-cyl,82HP,Sisu Diesel 33CTA	/	-	MS225

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
	Sisu Diesel 33CTA	/	-	MS225
MF 3645	Sisu Diesel 33 DTA	/	-	MS225
MF 365		/	01/86 -	MS385
	Perkins A4.236	/	01/83 -	MS95
MF 3650	Perkins AT6.354.4	/	01/86 -	MS348
MF 3650 A	3-cyl,92HP,Sisu Diesel 33CTA	/	-	MS225
	Sisu Diesel 33CTA	/	-	MS225
MF 3650/S/F/GE	3-cyl,92HP,Sisu Diesel 33CTA	/	-	MS225
MF 3655	Sisu Diesel 33 DTA	/	-	MS225
MF 3660/S/F/GE	100HP,3-cyl,Sisu D. 33CTA	/	-	MS225
	Sisu D. 33CTA	/	-	MS225
MF 3680		/	06/88 -	MS347
MF 373 S	Perkins A4.236	/	01/87 -	MS385
MF 374 S/V	Perkins A4.236	/	01/87 -	MS385
MF 375		/	01/86 -	MS385
	Perkins A4.236	/	01/83 -	MS95
MF 377	Perkins A4.236	/	01/87 -	MS385
MF 38	6cyl.,PERKINS/MWVM	/	-	MS91
MF 383	Perkins-A4.236	/	01/86 -	MS91
MF 390		/	01/86 -	MS385
	Perkins A4.248	/	01/83 -	MS95
MF 394 S		/	01/87 -	MS385
MF 397 T	Perkins A4.236	/	01/87 -	MS385
MF 398	Perkins AT4.236	/	01/83 -	MS95
MF 399	Perkins A6.354.4	/	01/83 -	MS95
MF 40	Perkins AD3.152	/	01/70 -	MS267
MF 40.3		/	01/69 -	MS243
MF 400	4/6cyl.,PERKINS/MWVM	/	-	MS91
MF 400X	4/6cyl.,PERKINS/MWVM	/	-	MS91
MF 415		/	-	MS243
MF 4200	4/6cyl.,PERKINS/MWVM	/	-	MS3
				MS91
MF 4265/F/K		/	-	MS3
MF 4275/F/K		/	-	MS3
MF 4283/F/K		/	-	MS3
MF 4290/K		/	-	MS3
MF 4292	(cab)	/	06/09 -	MS175
	4cyl.,Sisu 420DS	/	06/09 -	MS175
	Sisu 420DS	/	06/09 -	MS175
MF 4297	(cab)	/	06/09 -	MS175
	4cyl.,Sisu 420DS	/	06/09 -	MS175
	Sisu 420DS 4cyl.	/	06/09 -	MS175
MF 4299	(plat)	/	06/09 -	MS175
	4cyl.,Sisu 420DSA	/	06/09 -	MS175
	Sisu 420DSA 4cyl.	/	08/09 -	MS175
MF 4320		/	-	MS151
MF 4325		/	-	MS151
MF 4335		/	-	MS151
MF 4345		/	-	MS151
	1004-40T	/	-	MS151
MF 435		/	-	MS151
MF 4355		/	-	MS151
	1004-40TWG	/	-	MS151
MF 4360		/	-	MS151
MF 4370	1006.6T	/	-	MS151
MF 440		/	-	MS151
MF 4435	3-cyl. 74HP,Sisu Diesel 33DTA	/	-	MS225
	Sisu Diesel 33DTA	/	-	MS225
MF 4445	4-Cyl. 88HP,Sisu D. 44DTA	/	-	MS225
MF 445		/	-	MS151
MF 4455	101HP,4-cyl,Sisu D. 44DTA	/	-	MS225
	4-cyl,Sisu D. 44DTA	/	-	MS225
MF 44C	Hanomag-D943	/	01/75 - 06/80	MS511
MF 450		/	-	MS3
MF 4500	Perkins AD3.152	/	01/73 -	MS267
MF 455		/	-	MS151
MF 460		/	-	MS151
MF 460 XTRA	(cab)	/	06/09 -	MS175
	4cyl.,Sisu 44DTA	/	06/09 -	MS175
MF 470 XTRA	4cyl.,Sisu 44DTA	/	06/09 -	MS175

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MASSEY-FERGUSON (continued)				
	Cab	/	06/09 -	MS175
MF 480 XTRA	(cab)	/	06/09 -	MS175
	4cyl.,Sisu 44DTA	/	06/09 -	MS175
MF 50	Perkins A4.212/AD4.203	/	01/73 -	MS49
MF 50 10TD	Perkins A4.236/A4.318	/	01/84 - 02/85	MS345
MF 50 10TD/9TD	Perkins A4.236/A4.212	/	01/81 - 01/84	MS345
MF 50 9TD	Perkins A4.236	/	01/84 -	MS345
MF 50 EX	Perkins A4.236	/	01/84 -	MS345
MF 500	4/6cyl.,PERKINS/MWM	/	-	MS91
MF 510		/	01/69 - 12/97	MS345
MF 5200	4/6cyl.,PERKINS/MWM	/	-	MS3
MF 5300	4/6 cyl.,MWM/PERKINS/SISU	/	-	MS225
		/	-	MS235
	4/6cyl.,PERKINS/MWM	/	-	MS3
	MWM/PERKINS/SISU	/	-	MS225
		/	-	MS235
MF 535	Perkins A6.354.4	/	01/77 -	MS149
MF 5425	82HR,Perkins 1004D 44TA	/	01/08 -	MS22
	Perkins 1004D 44TA	/	01/08 -	MS22
MF 5435	92HR,Perkins 1004D 44TA	/	01/08 -	MS22
	Perkins 1004D 44TA	/	01/08 -	MS22
MF 5445	95HR,Perkins 1004D E44TA	/	01/08 -	MS22
	Perkins 1004D E44TA	/	01/08 -	MS22
MF 5455	105HR,Perkins 1004D E44TA	/	01/08 -	MS22
	Perkins 1004D E44TA	/	01/08 -	MS22
	Perkins 1104	/	01/01 -	MS151
MF 5460	115HR,Perkins 1004D E44TA	/	01/08 -	MS22
	Perkins 1004D E44TA	/	01/08 -	MS22
MF 5465	6-cyl,Sisu D. 66CTA	/	-	MS225
	Perkins 6-cyl	/	-	MS225
MF 5470	4-cyl.,Sisu D. 44CTA	/	-	MS225
MF 5480	4-cyl.,Sisu D. 49CTA	/	-	MS225
	Sisu D. 49CTA	/	-	MS225
MF 550	Perkins AD3.152	/	01/76 - 01/82	MS267
MF 550.3		/	01/74 -	MS243
MF 5500	Perkins AD3.152	/	01/73 -	MS267
MF 55C	Hanomag-D962K	/	01/75 - 06/80	MS511
MF 560	Perkins AT6.354.4	/	01/80 - 01/82	MS149
MF 560.3		/	01/72 - 01/82	MS243
MF 560.6		/	01/76 -	MS243
MF 5608 DYNA-4	3-cyl,60kW,Agco Power	/	-	MS225
	3-cyl,Agco Power	/	-	MS225
MF 5609 DYNA-4	3-cyl,67kW,Agco Power	/	-	MS225
	3-cyl,Agco Power	/	-	MS225
MF 5610 DYNA-4	3-cyl,75kW,Agco Power	/	-	MS225
	3-cyl,Agco Power	/	-	MS225
MF 5611 DYNA-4/DYNA-6	4-cyl,77kW,Agco Power	/	-	MS225
	4-cyl,Agco Power	/	-	MS225
MF 5612 DYNA-4/DYNA-6	4-cyl,85kW,Agco Power	/	-	MS225
	4-cyl,Agco Power	/	-	MS225
MF 5613 DYNA-4/DYNA-6	4-cyl,92kW,Agco Power	/	-	MS225
	4-cyl,Agco Power	/	-	MS225
MF 565	Perkins A4.236/AT6.354.4	/	01/76 - 01/82	MS49
MF 5650	Sisu 620DS 6cyl.	/	03/08 -	MS175
MF 575		/	01/76 - 01/81	MS49
MF 590		/	01/76 -	MS49
MF 592	Perkins A4.318	/	01/72 - 01/82	MS345
MF 595	Perkins A4.318	/	01/72 - 01/82	MS345
		/	01/76 - 01/82	MS385
MF 60 E	PERKINS	/	01/89 - 01/92	MS94
MF 6000	Perkins AD4.203	/	01/69 - 01/73	MS267
MF 600C	Hanomag-D962K	/	01/75 - 08/81	MS511
MF 6150	1004-4THR	/	01/92 -	MS395
MF 6160	1006-6	/	01/95 - 01/97	MS395
MF 6170	1006-6	/	01/96 -	MS347
MF 6180	1006-6T	/	01/96 -	MS347
MF 620	Perkins A6.372	/	01/71 -	MS345

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MF 6225		/	-	MS151
	1004-40TWWG	/	-	MS151
MF 625	Perkins A6.372	/	01/71 -	MS345
MF 6270	1006-60T	/	01/99 - 01/00	MS289
MF 6280	1006-60T	/	01/99 - 01/00	MS289
MF 6290	1006-60T	/	01/99 - 01/00	MS289
MF 6350	Sisu 620DS 6cyl.	/	04/08 -	MS225
MF 6360	Sisu 634DSA 6cyl.	/	04/08 -	MS225
MF 6445	74kW,Perkins 1004D-E44TA	/	-	MS22
	Perkins 1004D-E44TA	/	-	MS22
MF 6455	81kW,Perkins 1004D-E44TA	/	-	MS22
	Perkins 1004D-E44TA	/	-	MS22
MF 6460	SISU 44CTA	/	-	MS225
MF 6470	SISU 44CTA	/	-	MS225
MF 6480	Perkins 1006D-E6TA	/	-	MS225
MF 6485	130kW,Sisu D. 66. CTA	/	-	MS225
	Sisu D. 66. CTA	/	-	MS225
MF 6490	Sisu Diesel 66. CTA	/	-	MS225
MF 6495	Sisu Diesel 66. CTA	/	-	MS225
MF 6497	Sisu Diesel 74. CTA	/	-	MS225
MF 6499	6-cyl,Perkins,Tier III	/	-	MS225
	PERKINS	/	-	MS225
	Sisu Diesel 74. CTA	/	-	MS225
MF 6500	Perkins A4.212	/	01/73 -	MS49
MF 6612 DYNA-4	88kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 6613 DYNA-4/DYNA-6	96kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 6614 DYNA-4/DYNA-VT	103kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 6615 DYNA-4	107kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 6615 DYNA-6/DYNA-VT	110kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 6616 DYNA-6/DYNA-VT	118kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 675 9TD/10TD	Perkins A4.236	/	01/82 -	MS345
MF 685		/	01/71 -	MS345
MF 690 9TD/10TD	Perkins A4.248	/	01/82 -	MS345
MF 698	Perkins A4.318.2	/	-	MS95
MF 698T		/	01/83 -	MS385
MF 699	Perkins A6.354.4	/	01/83 -	MS95
MF 700C	Hanomag-D963K	/	01/75 - 06/80	MS511
MF 7140	Sisu 620DS 6cyl.	/	04/08 -	MS225
MF 7145	Sisu 634DSA 6cyl.	/	04/09 -	MS225
MF 7150	Sisu 620DS 6cyl.	/	04/08 -	MS225
MF 7170	Sisu 620DS 6cyl.	/	05/08 -	MS225
MF 7180	Sisu 620DS 6cyl.	/	05/08 -	MS225
MF 7330	Sisu 620DS 6cyl.	/	04/09 -	MS225
MF 7350	Sisu 620DS 6cyl.	/	04/08 -	MS225
MF 7370	Sisu 620DS 6cyl.	/	04/08 -	MS225
MF 7390	Sisu 620DS 6cyl.	/	04/08 -	MS225
MF 7415	6cyl.,Sisu 634DSA	/	04/09 -	MS225
	Sisu 634DSA	/	04/09 -	MS225
MF 7485	6-cyl.,Sisu Diesel 66CTA	/	-	MS225
	Sisu Diesel 66CTA	/	-	MS225
MF 7490	Sisu Diesel 66. CTA	/	-	MS225
MF 7495	Sisu Diesel 66. CTA	/	-	MS225
MF 7497	Sisu Diesel 74. CTA	/	-	MS225
MF 7499	165kW,Sisu D. 74.392CTA-4V	/	-	MS225
	Sisu D. 74.392CTA-4V	/	-	MS225
MF 7500	Perkins A4.236	/	01/73 -	MS49
MF 7614 DYNA-4	103kW,6-cyl,Agco P. SCR	/	-	MS225
	Agco P. SCR	/	-	MS225
MF 7615 DYNA-4/DYNA-6/DYNA-VT	110kW,6-cyl,Agco P. SCR	/	-	MS225
	Agco P. SCR	/	-	MS225
MF 7616 DYNA-6/DYNA-VT	118kW,6-cyl,Agco P. SCR	/	-	MS225
	Agco P. SCR	/	-	MS225
MF 7618 DYNA-6/DYNA-VT	129kW,6-cyl,Agco P. SCR	/	-	MS225
	Agco P. SCR	/	-	MS225

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MASSEY-FERGUSON (continued)				
MF 7619 DYNA-6/DYNA-VT	136kW,6-cyl,Agco P.SCR	/	-	MS225
	Agco P.SCR	/	-	MS225
MF 7620 DYNA-6/DYNA-VT	136kW,6-cyl,Agco P.SCR	/	-	MS225
	Agco P.SCR	/	-	MS225
MF 7622 DYNA-6	158kW,6-cyl,Agco P.SCR	/	-	MS225
	Agco P.SCR	/	-	MS225
MF 7622 DYNA-VT	158kW,6-cyl,Agco P.SCR	/	-	MS225
	Agco P.SCR	/	-	MS225
MF 7624 DYNA-6/DYNA-VT	173kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 7626 DYNA-6	188kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 81		/	01/69 -	MS267
MF 8110	1006-6T	/	-	MS347
MF 8120	1006-6T	/	-	MS347
MF 8130	1006-6T	/	-	MS347
MF 8140	620DE	/	-	MS111
MF 8150	620DS	/	-	MS225
MF 8160	634DS	/	-	MS225
MF 8210		/	-	MS111
MF 8220	155 HP	/	-	MS111
MF 8240		/	-	MS347
MF 8250	634DWE	/	-	MS111
MF 8260	D634SBIE	/	-	MS289
MF 8270	Sisu 645DSBIE	/	01/99 -	MS289
MF 8280	645.142DSBIE	/	-	MS289
MF 8450	Sisu Diesel 6 cyl.	/	-	MS225
MF 8460	Sisu Diesel 6 cyl.Tier III	/	-	MS225
MF 8470	Sisu Diesel 6 cyl.	/	-	MS225
MF 8480	Sisu Diesel 6 cyl.Tier III	/	-	MS225
MF 8500	Perkins A4.248	/	01/73 -	MS49
MF 86	4/6cyl.,PERKINS/MWM	/	-	MS3
MF 8650	AGCO SISU Power 84.CTA	/	-	MS1
MF 8660	AGCO SISU Power 84.CTA	/	-	MS1
MF 8670	AGCO SISU Power 84.CTA	/	-	MS1
MF 8680	AGCO SISU Power 84.CTA	/	-	MS1
MF 8690	AGCO SISU Power 84.CTA	/	-	MS1
MF 8727 DYNA-VT	198kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 8730 DYNA-VT	213kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 8732 DYNA-VT	235kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 8735 DYNA-VT	257kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 8737 DYNA-VT	272kW,Agco P.AWI-4V SCR	/	-	MS225
	Agco P.AWI-4V SCR	/	-	MS225
MF 875		/	-	MS151
MF 9500	Perkins A6.354	/	01/73 -	MS345
MX 720	4/6cyl.,PERKINS/MWM	/	-	MS3
MX 750	4/6cyl.,PERKINS/MWM	/	-	MS3
SPRAYER	Sisu 620DS 6cyl.	/	09/10 -	MS225

MATBRO

LIFT TRUCKS

100		/	01/06 -	MS346
120		/	01/04 -	MS346
150		/	01/04 -	MS346
200		/	01/04 -	MS346
220		/	01/07 -	MS346
240		/	01/99 -	MS346
260		/	01/00 -	MS346
580		/	01/03 -	MS346
Y300	Lift	/	01/99 -	MS346
Y60		/	01/01 -	MS346
Y80		/	01/00 -	MS346

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
SPECIAL EQUIPMENT				
WT		/	01/98 -	MS346

MATROT

FARM EQUIPMENT

EXPERT	160kW,Deutz 6-cyl,Tier 3B	/	-	MS69
	180kW,Deutz 6-cyl,Tier 3B	/	-	MS65
HELIOS / HELIOS 36	103kW,Deutz 4-cyl,Tier 3A	/	-	MS65
	Deutz 4-cyl	/	-	MS65
M41H	260kW,BF6M11015	/	-	MS63
	260kW,TCD2015, Tier 4	/	-	MS63
MAESTRIA 17-39	129kW,Deutz 6-cyl,Tier 3A	/	-	MS65
MAESTRIA 17-40	129kW,Deutz 6-cyl,Tier 3A	/	-	MS65
MAESTRIA 21-39	160kW,Deutz 6-cyl,Tier 3B	/	-	MS65
MAESTRIA 21-40	160kW,Deutz 6-cyl,Tier 3B	/	-	MS65
MAESTRIA 23-45	180kW,Deutz 6-cyl,Tier 3B	/	-	MS65
XENON / XENON PRO	160kW,Deutz 6-cyl,Tier 3B	/	-	MS65
	180kW,Deutz 6-cyl,Tier 3B	/	-	MS65
XENON PRO	129kW,Deutz 6-cyl,Tier 3A	/	-	MS65

McCORMICK

TRACTORS

80 V	1104D-44	/	-	MS4
90 V	1104D-44T	/	-	MS4
B 100 MAX		/	-	MS4
B 90 MAX		/	-	MS4
C 100 MAX		/	-	MS4
C 105 MAX	1104D-44T	/	-	MS4
C 70 L/LC	1103D-33TA,50kW,Tier 3	/	01/11 -	MS299
C 80 L/LC	1104D-44,45kW,Tier 3	/	-	MS4
C 80 MAX		/	-	MS4
C 90 MAX		/	-	MS4
CX	3cyl.,Turbo	/	-	MS314
CX100 (T3)	1104D-44TA	/	-	MS395
CX110 (T3)	1104D-44TA	/	-	MS4
CX140	Perkins 1000T	/	-	MS315
CX50	3cyl.	/	-	MS314
CX70	Perkins 104-42	/	-	MS315
CX80	Perkins 1004-4THR	/	-	MS315
CX90	G4.0T,Perkins G4.0	/	-	MS315
CX90 (T3)	1104D-44T	/	-	MS4
F100 F/GE/XL	1104D-44TA,68kW,Tier 3	/	-	MS4
F100 XL	Perkins 1004.40T	/	-	MS315
F110 F/GE/XL	1104D-44TA,75kW,Tier 3	/	-	MS4
F120 F/GE/XL	1104D-44T,81kW,Tier 3	/	-	MS299
F70 F/GE	1103D-33TA,50kW,Tier 3	/	-	MS299
F80 F/GE/XL	1104D-44,54,5kW,Tier 3	/	-	MS4
F80 GE	Perkins 1004-42	/	-	MS315
F80 N	1104D-44	/	-	MS4
F85 F/G	1103D-33TA,58kW,Tier 3	/	-	MS299
F90 F/GE/XL	1104D-44T,61kW,Tier 3	/	-	MS4
F90 N	1104D-44T,61kW,Tier 3	/	-	MS4
F90 XL	4cyl.,Perkins 1004	/	-	MS315
MB75	1104A-44	/	-	MS4
MB85	1104A-44	/	-	MS4
MC 120 POWER 6 (T3)	NEF 6-cyl.,Turbo	/	-	MS138
MC 135 POWER 6 (T3)	NEF 6-cyl.,Turbo	/	-	MS138
MC100	4TWG	/	-	MS315
MC110 (T3)	1104D-TA	/	-	MS4
MC115	1104D-44TA	/	-	MS4
	4cyl.	/	-	MS315
MC120 P6	Perkins 6 cyl.	/	-	MS151
MC125	6cyl.	/	-	MS315
MC130 (T3)	1104-44TA	/	-	MS4
MC135 P6	Perkins 6 cyl.	/	-	MS151
MC80	4T	/	-	MS315
MC90	4WTG	/	-	MS315

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MTX 120 (T3)	117HR,6-cyl,FPT.NEF,Tier 3	/	-	MS138
	FPT.NEF	/	-	MS138
MTX 135 (T3)	133HR,6-cyl,FPT.NEF,Tier 3	/	-	MS138
	FPT.NEF	/	-	MS138
MTX 150 (T3)	141HR,6-cyl,FPT.NEF,Tier 3	/	-	MS138
	FPT.NEF	/	-	MS138
MTX 3		/	-	MS434
	Perkins 4/6 cyl.	/	-	MS315
MTX 4		/	-	MS434
	Perkins 4/6 cyl.	/	-	MS315
MTX110	Perkins 1000T	/	-	MS315
MTX120 (T2)	115HR,6-cyl,FPT.NEF,Tier 2	/	-	MS138
	FPT.NEF	/	-	MS138
MTX135 (T2)	131HR,6-cyl,FPT.NEF,Tier 2	/	-	MS138
	FPT.NEF	/	-	MS138
MTX150 (2)	152HR,6-cyl,FPT.NEF,Tier 2	/	-	MS138
	FPT.NEF	/	-	MS138
MTX155	6cyl.	/	-	MS315
MTX175	6cyl.	/	-	MS315
T 100 MAX	1104D-44TA	/	-	MS4
T 110 MAX	1104D-44TA	/	-	MS4
T 80 MAX	1104D-44	/	-	MS4
T 90 MAX	1104D-44T	/	-	MS4
T100 (T3)STD/F/M	1104D-44T,68kW,Tier 3	/	-	MS4
T105 (T3)STD/F/M	1104D-44T,5kVW,72,Tier 3	/	-	MS4
T70 F	4cyl.	/	-	MS315
T80	1004-42	/	-	MS315
T80 (T3) F/M	1104D-44T,61kW,tier	/	-	MS299
T90 (T3)STD/F/M	1104D-44T,68kW,Tier 3	/	-	MS4
TELE-TRAC	SISU 44-CWA-2V	/	-	MS175
TRACTORS		/	-	MS236
TTX 190 (T3)	199HR,6-cyl,FPT.NEF,Tier 3	/	-	MS138
	FPT.NEF	/	-	MS138
TTX 210 (T3)	213HR,6-cyl,FPT.NEF,Tier 3	/	-	MS138
	FPT.NEF	/	-	MS138
TTX 230 (T3)	225HR,6-cyl,FPT.NEF,Tier 3	/	-	MS138
	FPT.NEF	/	-	MS138
V90	1104D-44T,61kW,Tier 3	/	-	MS299
X50.20	70kW,854E-E34TA,Tier 4	/	01/13 -	MS222
X50.20M	5kW,62,854-E34TA,Tier 4	/	01/13 -	MS222
	854-E34TA	/	01/13 -	MS222
X50.30	75kW,854E-E34TA,Tier 4	/	01/13 -	MS222
X50.30M	7kW,854E-E34TA,Tier 4	/	01/13 -	MS222
	854E-E34TA	/	01/13 -	MS222
X50.40	83kW,854E-E34TA,Tier 4	/	01/13 -	MS222
	854E-E34TA	/	01/13 -	MS222
X50.40M	75kW,854E-E34TA,Tier 4	/	01/13 -	MS222
	854E-E34TA	/	01/13 -	MS222
X50.50	854E-E34TA	/	01/14 -	MS222
	854E-E34TA,87kW,Tier 4	/	01/14 -	MS222
X50-30M	72kW,854-E34TA,Tier 4	/	01/11 -	MS222
	83kW,854-E34TA,Tier 4	/	01/11 -	MS222
X6.420	4-cyl,89kW,FPT.NEF,Tier 4	/	01/13 -	MS138
	FPT.NEF	/	01/13 -	MS138
X6.430	4-cyl,98kW,FPT.NEF,Tier 4	/	01/13 -	MS138
	FPT.NEF	/	01/13 -	MS138
X60.40	1104D-44TA,81kW,Tier 3	/	-	MS299
X60.50	1104D-44TA,82kW,Tier 3	/	-	MS236
X7.440	105kW,4-cyl,FPT.NEF,Tier 4	/	01/13 -	MS138
	FPT.NEF	/	01/13 -	MS138
X7.450	118kW,4-cyl,FPT.NEF,Tier 4	/	01/13 -	MS138
	FPT.NEF	/	01/13 -	MS138
X7.460	122kW,4-cyl,FPT.NEF,Tier 4	/	01/13 -	MS138
	FPT.NEF	/	01/13 -	MS138
X7.660	129kW,6-cyl,FPT.NEF,Tier 4	/	01/13 -	MS138
	FPT.NEF	/	01/13 -	MS138
X7.670	138kW,6-cyl,FPT.NEF,Tier 4	/	01/13 -	MS138

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
X7.680	FPT.NEF	/	01/13 -	MS138
	156kW,6-cyl,FPT.NEF,Tier 4	/	01/13 -	MS138
X70-40	FPT.NEF	/	01/13 -	MS138
	175HP,6-cyl,FPT.NEF	/	-	MS138
X70-50	FPT.NEF	/	-	MS138
	188HP,6-cyl,FPT.NEF	/	-	MS138
X70-60	FPT.NEF	/	-	MS138
	203HP,6-cyl,FPT.NEF	/	-	MS138
X70-70	FPT.NEF	/	-	MS138
	218HP,6-cyl,FPT.NEF	/	-	MS138
X70-80	FPT.NEF	/	-	MS138
	232HP,6-cyl,FPT.NEF	/	-	MS138
XTX145	FPT.NEF	/	-	MS138
	154HP,6-cyl,FPT.NEF	/	-	MS138
XTX165	FPT.NEF	/	-	MS138
	169HP,6-cyl,FPT.NEF	/	-	MS138
XTX185	FPT.NEF	/	-	MS138
	180HP,6-cyl,FPT.NEF	/	-	MS138
XTX200	FPT.NEF	/	-	MS138
	192HP,6-cyl,FPT.NEF	/	-	MS138
XTX215	FPT.NEF	/	-	MS138
	202HP,6-cyl,FPT.NEF	/	-	MS138
	FPT.NEF	/	-	MS138

MECALAC

LOADERS

AS150E	100kW,4-cyl,TCD2012-L04 2V	/	01/99 -	MS613
	TCD2012-L04 2V	/	-	MS66
				MS613
				MS66
AS210E	128kW,6-cyl,TCD2012 L06 2V	/	01/05 -	MS70
AS50	3-cyl,30kW,D2011 L03i	/	01/99 -	MS28
	D2011 L03i	/	-	MS641
				MS28
				MS641
AX1000	4-cyl,4024FH295B,49kW	/	01/05 -	MS221
AX700	4-cyl,4024FH295A,46kW	/	01/00 -	MS221
AX850	4-cyl,4024HF295A,46kW	/	01/02 -	MS221

MELROE-BOBCAT

LOADERS

2000	PERKINS	/	-	MS94
	Perkins 4-154	/	01/89 - 01/90	MS94
2400	PERKINS 4-236	/	-	MS94
			01/89 - 01/90	MS94
2410	PERKINS 4-236	/	-	MS94
641	DEUTZ F2L511	/	-	MS94
741	DEUTZ F2L511	/	01/12 -	MS94
843	PERKINS	/	-	MS94
863	Deutz BF4M1011F	/	-	MS446
863C	Deutz BF4M1011	/	-	MS446
863F	Deutz BF4M1011	/	-	MS446
863HC	Deutz BF4M1011	/	-	MS446
863HF	Deutz BF4M1011	/	-	MS446
873C	Deutz BF4M1011	/	-	MS446
943	PERKINS 4-236	/	-	MS94
974	PERKINS 4-236	/	-	MS94
975	JD 4-276	/	-	MS89
TL360	100HP,Perkins 1104D-44TA	/	-	MS399

LOGGERS

1075	JD 4-276	/	01/96 - 12/97	MS293
1080	JD 4-276	/	01/90 - 01/94	MS293

TELEHANDLER

T2256	100HP,Perkins 1104D-44TA	/	-	MS226
T2566	100HP,Perkins 1104D-44TA	/	-	MS226
T35100	100HP,Perkins 1104D-44TA	/	-	MS226

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
MELROE-BOBCAT (continued)				
T35100L	100HP,Perkins 1104D-44TA	/	-	MS226
T35100SL	100HP,Perkins 1104D-44TA	/	-	MS226
T35120	100HP,Perkins 1104D-44TA	/	-	MS226
T35120L	100HP,Perkins 1104D-44TA	/	-	MS226
T35120SL	100HP,Perkins 1104D-44TA	/	-	MS226
T35120SL MP	100HP,Perkins 1104D-44TA	/	-	MS226
T3571	100HP,Perkins 1104D-44TA	/	-	MS226
T3571L	100HP,Perkins 1104D-44TA	/	-	MS226
T40140	100HP,Perkins 1104D-44TA	/	-	MS226
T40170	100HP,Perkins 1104D-44TA	/	01/96 -	MS226
TL360	100HP,Perkins 1104D-44TA	/	-	MS226
TL470	100HP,Perkins 1104D-44TA	/	-	MS226
TL470HF	1104D-E44TA,130hp,4cyl	/	-	MS226
TL470HP	130HP,Perkins 1104D-E44TA	/	-	MS226
TR40250	144HP,Perkins 1104D-ETA	/	-	MS226
TR45190	144HP,Perkins 1104D-ETA	/	-	MS226
TR50210	144HP,Perkins 1104D-ETA	/	-	MS226

MERCEDES-BENZ

TRACTORS

1000	OM 353.985	70 / 95	12/82 - 12/87	MS193
	OM353.985	/	11/82 - 03/87	MS193
	OM366.912	/	03/87 - 12/92	MS193
1000, 1100	OM 366.908/912	74 / 100	02/87 - 12/91	MS193
1100	OM 353.949	81 / 110	03/79 - 08/87	MS193
	OM353.949	/	01/81 - 03/87	MS193
			10/76 - 12/77	MS193
	OM366.908	/	03/87 - 12/92	MS193
1300	OM 353.957	92 / 125	03/76 - 08/87	MS280
1300, 1400	OM 366.958/977	92 / 125	02/82 - 12/91	MS193
1300TURBO	OM366.977A	/	03/87 - 12/92	MS193
1400TURBO	OM366.958A	/	03/87 - 12/92	MS193
1500	OM 353.976	110 / 150	07/80 - 12/87	MS193
	OM353.976Turbo	/	07/80 - 03/87	MS193
1600	OM 366.954	115 / 156	06/90 - 12/91	MS193
1600TURBO	OM366.954A	/	03/87 - 12/92	MS193
65/70	OM314.956	/	03/74 - 12/75	MS193
65/70, 700, 800	OM 314.956/957	48 / 65	07/73 - 12/75	MS193
700, 800	OM 364.908/909	50 / 68	02/87 - 12/91	MS193
700G	OM314.956	/	01/76 - 03/87	MS193
	OM364.908	/	03/87 - 12/92	MS193
700K	OM314.957	/	10/79 - 03/87	MS193
	OM364.908	/	03/87 - 12/92	MS193
800	OM314.957	/	01/76 - 03/87	MS193
	OM364.909	/	03/87 - 12/92	MS193
900	OM 314.970	63 / 85	09/81 - 12/91	MS193
	OM 364.951	66 / 90	03/87 - 12/91	MS193
	OM314.970Turbo	/	09/81 - 03/87	MS193
900TURBO	OM364.951A	/	03/87 - 12/92	MS193

MERLO

TELEHANDLER

3513	BF4M 2012	/	01/99 - 01/04	MS446
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MILLER APP. TECHNOLOGY

FARM EQUIPMENT

NITRO	6B5,9L Cummins	/	01/98 -	MS148
NITRO 200	6BTA5,9L Cummins	/	01/01 -	MS148

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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MST (SANKO)

BACKHOE LOADER

M542	75kW,Perkins: 1104D-44T	/	01/09 -	MS289
M544	75kW,Perkins: 1104D-44T	/	01/09 -	MS289

TELEHANDLER

ST 11.35	75kW,Perkins: 1104D-44T	/	01/09 -	MS289
ST 13.35	75kW,Perkins: 1104D-44T	/	01/09 -	MS289
ST 17.30	75kW,Perkins: 1104D-44T	/	01/09 -	MS289
ST 7.40	75kW,Perkins: 1104D-44T	/	01/09 - 07/13	MS289
ST 8.35	75kW,Perkins: 1104D-44T	/	-	MS289
ST 9.35	Perkins 1004	/	01/91 -	MS289
ST 9.40	75kW,Perkins: 1104D-44T	/	-	MS289

TRACTORS

M-H121 WD		/	-	MS346
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MUIRHILL

LOADERS

111		/	-	MS385
ABF4000		/	-	MS385
ABF5000		/	-	MS385
B6000		/	-	MS385

MULTICAR

SPECIALITY VEHICLES

M25 1,9	028.B M 344/M 841	40 / 54	01/91 - 12/92	MS304
M26 1,9	028.B M 344/M 841	40 / 54	06/92 - 12/96	MS304

MUZZI

FARM EQUIPMENT

MD 100	Same-1056P	/	10/81 - 12/81	MS58
MD 20	Same-1052LLP	/	06/79 -	MS58
MD 33	Same-1053P	/	06/79 - 12/88	MS58
MD 45	Same-1054P	/	06/79 - 12/88	MS58
MD 55	Same-1055P	/	06/79 - 12/88	MS58
MD 60	VM-1056	/	03/80 - 12/81	MS194
	VM-SUN6105	/	01/84 - 12/88	MS194
MD 65	Same-1056P	/	06/79 - 12/88	MS58
	Same-1056PT	/	03/82 - 12/82	MS58
MDS	VM-6105	/	01/89 -	MS194
MDS 100	Same-1056PT	/	03/82 -	MS58
MDS 110	Same-1056PTI	/	12/86 -	MS58
MDS 44	Same-1000.4A	/	01/89 -	MS58
MDS 54	Same-1000.4AT	/	01/89 -	MS58
MDS 90	Same-1056PS	/	01/89 -	MS58
MDV 35	Same-1005A	/	01/88 -	MS58

NEW HOLLAND

COMBINES

1540		/	01/71 - 01/75	MS385
1545		/	01/71 - 01/75	MS385
1550		/	01/71 - 01/73	MS385
620		/	-	MS346
			01/91 -	MS357
622		/	-	MS346
			01/91 -	MS357
CX720		/	-	MS440
CX740		/	-	MS440
CX760		/	-	MS440
CX780		/	-	MS440
CX820		/	-	MS440
CX840		/	-	MS440

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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NEW HOLLAND (continued)

TC5080/H	F4GE9684R..175kW,NEF,Tier3	/	01/07 -	MS287
	F4HE9684D,J,NEF,Tier4	/	09/11 -	MS287

FARM EQUIPMENT

PATRIOT 250	4-cyl,FPT NEF	/	-	MS24
	FPT NEF	/	-	MS24
SP2500	4-cyl,FPT NEF	/	-	MS24
	FPT NEF	/	-	MS24

LOADERS

LB110	IVECO,NEF	/	09/76 - 06/90	MS78
LB110B	IVECO,NEF	/	03/88 - 06/90	MS78
LB115 4WS	INECO,NEF	/	05/80 - 02/88	MS78
LB115B 4WS	INECO,NEF	/	01/73 - 08/76	MS78
LB75	IVECO,NEF	/	09/76 - 06/90	MS79
LB75B	INECO,NEF	/	05/80 - 02/88	MS78
LB90	INECO,NEF	/	05/80 - 02/88	MS78
LB90B	INECO,NEF	/	03/88 - 06/90	MS357
LB95	INECO,NEF	/	03/88 - 06/90	MS78

SPECIALY VEHICLES

TRENCH	201C.I.	/	12/75 -	MS346
			12/75 - 02/88	MS357

TELEHANDLER

LM640		/	09/76 - 06/90	MS79
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TRACTORS

10/L/CAB		/	01/91 -	MS357
100-90		74 / 100	01/93 -	MS176
				MS278
110-90	8061.05,8065.E	82 / 112	01/93 -	MS176
				MS278
1112		/	-	MS346
1164 COUNTY		/	-	MS346
130C	8061125	/	12/90 -	MS387
140-90		103 / 140	01/93 -	MS278
150C	8061125	/	12/90 -	MS387
160-90		118 / 160	01/93 -	MS278
180-90	8365.25.500	132 / 180	01/93 -	MS278
2000		/	01/73 - 01/75	MS228
	158,175,201,256,401C.I.	/	01/65 - 12/75	MS346
			01/91 -	MS357
2310		/	-	MS346
2514 E	256C.I.	/	-	MS346
2600		/	01/75 - 12/88	MS228
2610		/	- 12/83	MS346
2810		/	-	MS346
2910		/	01/82 - 12/89	MS346
			01/91 -	MS357
30		/	01/91 -	MS357
3000		/	01/73 - 01/75	MS228
	158,175,201,256,401C.I.	/	01/65 - 12/75	MS346
			01/91 -	MS357
3010S	3-165 Ford Diesel	/	01/96 - 01/00	MS78
			01/96 - 12/00	MS78
3230		/	-	MS346
				MS357
3310		/	01/82 -	MS346
			01/91 -	MS357
3310X4		/	01/82 -	MS346
			01/91 -	MS357
3430		/	01/90 - 12/95	MS346
	3-192 Ford Diesel	/	01/90 - 12/98	MS25
3500	8061105	/	03/85 -	MS195
3550	8061S105	/	03/85 -	MS195
3600		/	01/75 -	MS228
3610		/	-	MS346
3750	8061SI25	/	06/85 -	MS195

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
3830	3-165 Ford Diesel	/	01/92 - 01/99	MS78
			01/92 - 12/99	MS78
3900		/	-	MS346
3910		/	01/82 - 12/89	MS346
			01/91 -	MS357
3910/H		/	-	MS346
3930	3-192 Ford Diesel	/	01/90 - 12/99	MS25
3930/H		/	-	MS346
4000	158,175,201,256,401C.I	/	01/65 - 12/75	MS346
			01/91 -	MS357
4010S		/	01/96 - 01/00	MS78
			01/96 - 12/00	MS78
4030	3-179 Ford Diesel	/	01/92 - 01/96	MS78
40W/CAB		/	01/91 -	MS357
4100	201,256,401C.I	/	01/79 -	MS346
			01/91 -	MS357
4110		/	01/81 - 12/85	MS346
4130	3-201 Ford Diesel	/	01/90 - 12/99	MS25
4130/H		/	01/90 - 12/95	MS346
4230	4-220 Ford Diesel	/	01/92 - 01/96	MS79
			01/92 - 12/99	MS79
4330V	6-220 Ford Diesel	/	01/96 - 01/00	MS79
			01/96 - 12/00	MS79
4430N	4-238 Ford Diesel	/	01/92 - 01/98	MS79
			01/92 - 12/98	MS79
4430V	4-220 Ford Diesel	/	01/97 - 01/98	MS79
			01/97 - 12/98	MS79
45.66 2RM DT	8035.06.321	/	01/90 -	MS388
45.66DT VIGNETO	8035.06.220	/	01/85 -	MS388
4600	201,256,401C.I	/	01/79 -	MS346
			01/91 -	MS357
4610		/	01/81 - 12/95	MS346
			01/91 -	MS357
4630		/	01/90 - 12/95	MS346
	3-192 Ford Diesel	/	01/90 - 12/99	MS25
4830	3-201 Ford Diesel	/	01/90 - 12/94	MS25
4835	4-220	/	01/95 - 12/98	MS25
	4-220 Ford Diesel	/	01/95 - 01/98	MS79
5000	158,175,201,256,401C.I	/	01/65 - 12/75	MS346
			01/91 -	MS357
5010		/	01/96 - 12/00	MS78
5010S		/	01/96 - 01/00	MS78
5030	4-256 Ford Diesel	/	01/92 - 12/98	MS25
517H	8061SI35	/	02/39 -	MS195
517I	8061SI35	/	02/39 -	MS195
517M	8061SI35	/	02/39 -	MS195
55.56	306,8035.06.206	/	01/89 -	MS388
55.66	8035.06.307	/	01/90 -	MS388
55.66 DT FRUTTETO	8035.06.323	/	04/85 -	MS388
55.66 VIGNETO	8035.06.222	/	04/85 -	MS388
55.66DT	8035.06.206	/	09/84 -	MS388
55.66DT VIGNETO	8035.06.222	/	05/87 -	MS388
55.75	306,8035.06.206	/	03/89 -	MS388
55.85/M/V	8035.06.208	/	09/92 -	MS388
55.86F/V	223,8035.06.222	/	09/92 -	MS388
55.88	8035.06.216	/	11/89 -	MS388
	8035.06.317	/	01/90 -	MS388
550		/	-	MS346
5530HC	4-220 Ford Diesel	/	01/92 - 01/96	MS79
			01/92 - 12/96	MS79
5600	201,256,401C.I.	/	01/79 -	MS346
			01/91 -	MS357
5610		/	01/79 - 12/91	MS346
			01/91 -	MS357
5610S	4-304 Ford Diesel	/	01/94 - 12/00	MS357
5635	4-238 Ford Diesel	/	01/96 - 01/99	MS79
5640	4-268 Ford Diesel	/	01/92 - 12/97	MS357
5640 POWERSTAR		/	01/92 - 12/97	MS357
5700		/	-	MS346
5900		/	-	MS346

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
NEW HOLLAND (continued)				
60.56	8035.05.206	/	01/89 -	MS388
	8035.05.307	/	01/90 -	MS388
60.66	8035.05.307	/	01/90 -	MS388
60.66DT	8035.05.206	/	09/84 -	MS388
60.75	306,8035.05.206	/	03/89 -	MS388
60.85F/V	309,8035.05.208	/	09/92 -	MS388
60.86F/V	309,8035.05.208	/	09/92 -	MS388
60.88	8035.05.317	/	11/89 -	MS388
60L/CAB-GMA		/	01/91 -	MS357
60W/CAB-GMA		/	01/91 -	MS357
6410		/	-	MS346
65.56	321,8045.06.220	/	01/90 -	MS195
65.66	321,8045.06.220	/	06/87 -	MS195
65.88	8045.06.319	/	11/89 -	MS195
65.90	8045.06.225	/	09/87 -	MS195
6530HC	4-268 Ford Diesel	/	01/92 - 01/97	MS79
			01/92 - 12/97	MS79
654 COUNTY		/	-	MS346
655/A/E	4-304 D	/	01/96 - 01/97	MS346
6600	201,256,401C.I.	/	01/79 -	MS346
			01/91 -	MS357
6610		/	01/79 - 12/88	MS346
			01/91 -	MS357
6610S	4-304 Ford Diesel	/	01/94 - 12/00	MS25
6635	4-238 Ford Diesel	/	01/96 - 01/99	MS79
			01/96 - 12/99	MS79
6640	4-304 Ford Diesel	/	01/91 - 12/98	MS25
6710		/	01/79 - 12/88	MS346
			01/91 -	MS357
6810		/	01/88 - 12/91	MS346
70.56	8045.06.206	/	01/90 -	MS195
	8045.06.307	/	01/90 -	MS195
70.66	8045.06.206	/	09/84 -	MS195
70.66DT/LP	8045.06.307	/	01/90 -	MS195
70.66F/DT/LP	309,8045.06.208	/	01/90 -	MS195
70.75	307,8045.06.206	/	01/90 -	MS195
70.76V	8045.06.208	/	01/90 -	MS195
	8045.06.309	/	01/90 -	MS195
70.86F/V	309,8045.06.208	/	09/92 -	MS195
70.88	8045.06.317	/	11/89 -	MS195
70.90	8045.06.200	/	03/84 -	MS195
7000	158,175,201,256,401C.I.	/	01/65 - 12/72	MS346
			01/91 -	MS357
7010	4-304 Ford Diesel	/	01/96 - 12/00	MS25
7030	4-Cyl,FPT	/	-	MS24
	FPT	/	-	MS24
7410		/	-	MS346
7530HC	6-331 Ford Diesel	/	01/92 - 01/96	MS79
			01/92 - 12/96	MS79
754 COUNTY		/	-	MS346
7600	201,256,401C.I.	/	01/75 - 12/80	MS346
			01/91 -	MS357
7610		/	01/81 - 12/91	MS346
			01/91 -	MS357
7610S	4-304 Ford Diesel	/	01/94 - 12/00	MS357
7630	4-cyl.,NEF TC 78kW	/	08/07 -	MS24
	NEF TC 78kW	/	08/07 -	MS24
7635	4-238 Ford Diesel	/	01/96 - 01/99	MS79
			01/96 - 12/99	MS79
764 COUNTY		/	-	MS346
7700	201,256,401C.I.	/	01/79 -	MS346
			01/91 -	MS357
7710		/	01/81 - 12/91	MS346
			01/91 -	MS357
774 COUNTY		/	-	MS346
7740	4-304 Ford Diesel	/	01/91 - 12/98	MS25
7810		/	01/88 - 12/91	MS346

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
7840	6-401 Ford Diesel	/	01/91 - 12/96	MS357
7910		/	01/82 - 12/87	MS346
			01/91 -	MS357
80.88	317,8045.05.216	/	11/89 -	MS195
8000	158,175,201,256,401C.I.	/	01/65 - 12/72	MS346
			01/91 -	MS357
8010	6-456 Ford Diesel	/	01/96 - 04/00	MS25
8010 S	6cyl.	/	-	MS25
8010HC	6-456 Ford Diesel	/	01/97 - 12/99	MS25
8030	4-cyl.,NEF TAA 90kW	/	08/07 -	MS24
	NEF TAA 90kW	/	08/07 -	MS24
8160	6-456 Ford Diesel	/	01/96 - 12/97	MS25
82.86F	309,8045.05.208	/	06/92 -	MS195
8200		/	-	MS346
8210		/	01/82 - 12/91	MS346
			01/91 -	MS357
8240	6-456 Ford Diesel	/	01/92 - 12/97	MS357
8260	6-456 Ford Diesel	/	01/96 - 12/99	MS25
8260 POWERSTAR		/	-	MS357
8340	6-456 Ford Diesel	/	01/92 - 12/97	MS25
8360	6-456 Ford Diesel	/	01/96 - 12/99	MS25
8401		/	-	MS346
8430	8065.25T	/	04/94 -	MS278
8430DT	Unic	/	12/93 -	MS278
8530		/	-	MS346
8560	6-456 Ford Diesel	/	01/96 - 12/99	MS25
8600	201,256,401C.I.	/	01/75 - 12/80	MS346
			01/91 -	MS357
8630		/	-	MS346
	8365.25T	/	04/94 -	MS278
8630DT	Unic	/	12/93 -	MS278
8670	6cyl.	/	-	MS25
8700	201,256,401C.I.	/	01/79 -	MS346
			01/91 -	MS357
8730	6 cyl	/	01/89 - 12/93	MS346
8770	6cyl.	/	-	MS25
8830	6 cyl	/	01/89 - 12/93	MS346
	8365.25T	/	04/94 -	MS278
8830DT	OM-8365..	/	12/93 -	MS278
9000	401	/	01/69 - 12/72	MS346
910/912		/	-	MS346
			01/91 -	MS357
944 COUNTY		/	-	MS346
9600/6700	201,256,401C.I.	/	01/79 -	MS346
			01/91 -	MS357
964 COUNTY		/	-	MS346
9700	201,256,401C.I.	/	01/79 -	MS346
			01/91 -	MS357
974 COUNTY		/	-	MS346
BOOMER 46 (CVT)	FPT,R753IE4	34 / 46	01/15 -	MS655
BOOMER 54 (CVT)	FPT,R753IE4	40 / 54	01/15 -	MS655
CS660		/	-	MS246
FC		/	-	MS440
LS17H/IM	8061SI35	/	03/92 -	MS195
L60		/	01/96 - 01/97	MS79
L-60	IVECO,NEF	/	01/96 - 12/97	MS79
L65		/	01/96 - 01/97	MS79
L-65	IVECO,NEF	/	01/96 - 12/97	MS79
L75		/	01/96 - 01/97	MS79
L85	Iveco 8045.25	/	01/96 - 01/97	MS79
L-85	INECO,NEF	/	01/96 - 12/97	MS79
L95	Iveco 8045.25	/	01/96 - 01/97	MS79
L-95	INECO,NEF	/	01/96 - 12/97	MS79
M SERIE		/	09/95 -	MS357
NH 95	M8Y	/	01/96 -	MS357
P357		/	01/91 -	MS357
P358		/	01/91 -	MS357
T4.105	106hp,4-cyl,FPT NEF,Tie4	/	01/11 - 07/13	MS24
	107HP,4-cyl,FPT F5C,Tier 4	/	07/13 -	MS24
	FPT F5C	/	07/13 -	MS24

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
NEW HOLLAND (continued)				
	FPT NEF	/	01/11 - 07/13	MS24
T4.105V/N/F	106hp,4-cyl,FPT NEF,Tie4	/	07/13 -	MS24
	FPT NEF	/	07/13 -	MS24
T4.115	114HR,4-cyl,FPT F5C,Tier 4	/	01/12 -	MS24
	FPT F5C	/	01/12 -	MS24
T4.55	4-cyl,55HP,FPT F5C,Tier 4	/	01/13 -	MS21
	FPT F5C	/	01/13 -	MS21
T4.65	4-cyl,65HP,FPT,Tier 3	/	09/11 - 07/13	MS24
	FPT	/	09/11 - 07/13	MS24
T4.65V	4-cyl,65HP,FPT F5C,Tier 4	/	07/13 -	MS24
	FPT F5C	/	07/13 -	MS24
T4.75	4-cyl,75HP,FPT F5C,Tier 4	/	09/11 -	MS24
	FPT F5C	/	09/11 -	MS24
T4.75V/N/F	4-cyl,75HP,FPT F5C,Tier 4	/	01/13 -	MS21
	FPT F5C	/	01/13 -	MS21
T4.85	4-cyl,86HP,FPT F5C,Tier 4	/	01/09 -	MS24
	FPT F5C	/	01/09 -	MS24
T4.85V/N/F	4-cyl,84hp,FPT NEF,Tie4	/	01/11 -	MS24
	FPT NEF	/	01/11 -	MS24
T4.95	4-cyl,97HR,FPT NEF,Tie4	/	01/11 - 07/13	MS24
	4-cyl,99HP,FPT F5C,Tier 4	/	09/13 -	MS24
	FPT F5C	/	09/13 -	MS24
	FPT NEF	/	01/11 - 07/13	MS24
T4020	64HR,NEF 4-cyl	/	01/08 -	MS24
	NEF 4-cyl	/	01/08 -	MS24
T4020V	64HR,NEF 4-cyl	/	01/08 -	MS24
	NEF 4-cyl	/	01/08 -	MS24
T4030	3-179 Diesel	/	01/92 -	MS78
	4-cyl,78HR,FPT NEF	/	01/08 -	MS24
	FPT NEF	/	01/08 -	MS24
T4030F	4-cyl,76HR,FPT NEF	/	01/08 -	MS24
	FPT NEF	/	01/08 -	MS24
T4040	4-cyl,84HR,FPT NEF	/	01/08 -	MS168
	FPT NEF	/	01/08 -	MS168
T4040F	4-cyl,87HR,FPT NEF	/	01/08 -	MS24
	FPT NEF	/	01/08 -	MS24
T4040V	4-cyl,87HR,FPT NEF	/	01/08 -	MS24
	FPT NEF	/	01/08 -	MS24
T4050	4-cyl,95HP,FPT NEF	/	01/08 -	MS24
	FPT NEF	/	01/08 -	MS24
T4050V	4-cyl,95HP,FPT NEF	/	01/08 -	MS24
	FPT NEF	/	01/08 -	MS24
T495V/N/F	4-cyl,97HR,FPT NEF,Tie 3	/	07/13 -	MS24
	FPT NEF	/	07/13 -	MS24
T5.105	107HR,4-cyl,FPT F5C,Tie4	/	07/12 -	MS24
	FPT F5C	/	07/12 -	MS24
T5.115	114HR,4-cyl,FPT F5C,Tie4	/	07/12 -	MS24
	FPT F5C	/	07/12 -	MS24
T5.95	4-cyl,99HR,FPT F5C,Tie4	/	07/12 -	MS24
	FPT F5C	/	07/12 -	MS24
T6.110	4-cyl,FPT NEF	/	-	MS24
	FPT NEF	/	-	MS24
T6.120	121HR,4-cyl,FPT NEF,Tier 4	/	01/12 -	MS168
	FPT NEF	/	01/12 -	MS168
T6.130	4-cyl,,FPT NEF	/	-	MS24
	FPT NEF	/	-	MS24
T6.140	143HR,4-cyl,FPT NEF,Tier 4	/	01/12 -	MS168
	FPT NEF	/	01/12 -	MS168
T6.150	154HR,4-cyl,FPT NEF,Tier 4	/	01/12 -	MS168
	FPT NEF	/	01/12 -	MS168
T6.155	154HR,6-cyl,FPT NEF,Tier 4	/	01/12 -	MS225
	FPT NEF	/	01/12 -	MS225
T6.160	163HR,4-cyl,FPT NEF,Tier 4	/	01/12 -	MS168
	FPT NEF	/	01/12 -	MS168
T6.165	165HR,6-cyl,FPT NEF,Tier 4	/	01/12 -	MS200
	FPT NEF	/	01/12 -	MS200
T6.175	175HR,6-cyl,FPT NEF,Tier 4	/	01/12 -	MS168

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
	FPT NEF	/	01/12 -	MS168
T6020	110HP,NEF 6-cyl	/	01/07 -	MS138
T6030 DELTA/PLUS	117HP,6-cyl,NEF,Tier III	/	-	MS138
	NEF	/	-	MS138
T6040	120HP,6-cyl,NEF,Tier 3	/	01/07 -	MS138
	NEF	/	01/07 -	MS138
T6050 DELTA/PLUS	127HP,6-cyl,NEF,Tier 3	/	-	MS138
	T6050	/	-	MS138
T6060	130HP,6-cyl,NEF	/	01/07 -	MS138
	NEF	/	01/07 -	MS138
T6070/PLUS	142HP,6-cyl,NEF,Tier 3	/	-	MS138
	NEF	/	-	MS138
T6080	155HP,NEF,Tier 3	/	-	MS138
	NEF,Tier 3	/	-	MS138
T6090	165HP,NEF,Tier3	/	-	MS138
	NEF,Tier3	/	-	MS138
T7.170	125HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.170 AUTO COMMAND	171HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MS168
	FPT NEF	/	01/11 -	MS168
T7.185	140HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.185 AUTO COMMAND	188HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MS138
	FPT NEF	/	01/11 -	MS138
T7.200	155HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.200 AUTO COMMAND	203HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MS138
	FPT NEF	/	01/11 -	MS138
T7.210	165HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.210 AUTO COMMAND	212HP,6-cyl,FPT NEF,Tier 4	/	01/11 -	MS138
	FPT NEF	/	01/11 -	MS138
T7.220	167HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.220 AUTO COMMAND	218HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MS138
	FPT NEF	/	12/10 -	MS138
T7.230 AUTO COMMAND	234HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MS138
	FPT NEF	/	12/10 -	MS138
T7.235	185HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.240	6-cyl,NEF	/	-	MS138
	NEF	/	-	MS138
T7.245	6-cyl,NEF	/	-	MS138
	NEF	/	-	MS138
T7.250	250HP,6-cyl,FPT NEF,Tier 4	/	-	MS200
	FPT NEF	/	-	MS200
T7.250 AUTO COMMAND	250HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MS138
	FPT NEF	/	12/10 -	MS138
T7.255	200HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.260	215HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.260 AUTO COMMAND	260HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MS138
	FPT NEF	/	12/10 -	MS138
T7.270	228HP,NEF,Tier 4	/	12/10 -	MS138
	NEF,Tier 4	/	12/10 -	MS138
T7.270 AUTO COMMAND	269HP,6-cyl,FPT NEF,Tier 4	/	12/10 -	MS168
	FPT NEF	/	12/10 -	MS168
T7010	6-cyl,NEF	/	-	MS138
	NEF	/	-	MS138
T7020	6-cyl,NEF	/	-	MS138
	NEF	/	-	MS138
T7030	167HP,NEF,Tier 3	/	01/07 -	MS138
	NEF,Tier 3	/	01/07 -	MS138
T7040	182HP,NEF,Tier 3	/	01/07 -	MS138
	NEF,Tier 3	/	01/07 -	MS138
T7050	197HP,NEF,Tier 3	/	06/09 -	MS138
	NEF,Tier 3	/	06/09 -	MS138
T7060	210FR,NEF 6-cyl	/	01/07 -	MS138
	NEF 6-cyl	/	01/07 -	MS138

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
T7070	225HR,NEF Tier 3	/	06/09 -	MS138
	NEF Tier 3	/	06/09 -	MS138
T8010	6-cyl,CDC	/	01/06 -	MS64
T8030	6-cyl,CDC	/	01/06 -	MS64
T8040	6-cyl,CDC	/	-	MS64
T8050	358HR,6-cyl,CDC	/	-	MS64
	6-cyl,CDC	/	-	MS64
T9020	335HR,6-cyl,CDC	/	-	MS64
	CDC	/	-	MS64
TB100	NH Turbo	/	01/03 -	MS25
TB110	NH Turbo	/	01/03 -	MS25
TB120	NH Turbo	/	- 01/97	MS25
TB80	NH Turbo	/	01/03 -	MS25
TB85	NH Turbo	/	01/03 -	MS25
TB90	NH Turbo	/	01/03 -	MS25
TC5070	6-cyl.,NEF 181HP	/	09/07 -	MS138
	NEF 181HP	/	09/07 -	MS138
TC5090	6-cyl.,Cummins TAA234HP	/	09/07 -	MS246
	Cummins TAA234HP	/	09/07 -	MS246
TC54	NH675T/WN/WP	/	-	MS268
TC56	NH675T/WP/TA/YA/VJ	/	-	MS268
TC57	6-cyl.,NEF 181HP	/	09/07 -	MS138
	NEF 181HP	/	09/07 -	MS138
TD4020F	4-cyl,65HP,FPT,Tier 3	/	09/09 - 10/13	MS24
	FPT	/	09/09 - 10/13	MS24
TD4030F	4-cyl,78HP,FPT,Tier 3	/	09/09 - 10/13	MS24
	FPT	/	09/09 - 10/13	MS24
TD4040F	4-cyl,88HP,FPT,Tier 3	/	09/09 - 10/13	MS24
	FPT	/	09/09 - 10/13	MS24
TD5.105	106HR,4-cyl,FPT NEF,Tier 3	/	01/13 -	MS168
	107HR,4-cyl,FPT F5C,Tier 4	/	-	MS24
	FPT F5C	/	-	MS24
	FPT NEF	/	01/13 -	MS168
TD5.115	113HR,4-cyl,FPT NEF,Tier 3	/	01/13 -	MS225
	114HR,4-cyl,FPT F5C,Tier 4	/	-	MS24
	FPT F5C	/	-	MS24
	FPT NEF	/	01/13 -	MS225
TD5.85	4-cyl,82HP,FPT F5C,Tier 3	/	01/13 -	MS24
	4-cyl,86HP,FPT F5C,Tier 4	/	-	MS24
	FPT F5C	/	-	MS24
TD5.95	4-cyl,95HP,FPT NEF,Tier 3	/	01/13 -	MS168
	4-cyl,99HP,FPT F5C,Tier 4	/	-	MS24
	FPT F5C	/	-	MS24
	FPT NEF	/	01/13 -	MS168
TD5010	60HR,NEF 4-cyl	/	01/08 -	MS24
	NEF 4-cyl	/	01/08 -	MS24
TD55D	NEF 55HP	/	01/03 -	MS78
TD60D	60HR,NEF	/	01/03 -	MS79
TD70D	70HR,NEF 3-Cyl	/	-	MS78
TD75D	72HR,NEF 4-cyl	/	01/06 -	MS79
TD80D	72HR,NEF 4-cyl	/	-	MS79
TD90D	4-cyl,90HP,NEF	/	01/06 -	MS79
TK100A	New Holland 93 HP Diesel	/	03/88 - 06/90	MS79
TK4020F	4-cyl,65HP,FPT F5C	/	01/69 - 12/79	MS24
	FPT F5C	/	01/09 -	MS24
TK4020V	4-cyl,65HP,FPT F5C	/	10/82 - 07/84	MS24
	FPT F5C	/	01/09 -	MS24
TK4030	4-cyl,78HP,FPT F5C	/	12/75 - 07/84	MS24
	FPT F5C	/	01/09 -	MS24
TK4030F	4-cyl,76HP,FPT F5C	/	07/76 - 12/85	MS24
	FPT F5C	/	01/09 -	MS24
TK4030V	4-cyl,76HP,FPT F5C	/	03/76 -	MS24
	FPT F5C	/	01/09 -	MS24
TK4040	4-cyl,88HP,FPT F5C	/	03/88 -	MS24
	FPT F5C	/	01/09 -	MS24
TK4040M	4-cyl,88HP,FPT F5C	/	06/75 -	MS24

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VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
	FPT F5C	/	01/09 -	MS24
TK4050	4-cyl,95HP,FPT NEF	/	01/09 -	MS138
	FPT NEF	/	01/09 -	MS138
TK4050/M	4-cyl,95HP,FPT NEF,Tie 4	/	07/13 -	MS168
	FPT NEF	/	07/13 -	MS168
TK4060	101HP,4-cyl,FPT NEF,Tier 4	/	01/09 - 07/13	MS24
	FPT NEF	/	01/09 - 07/13	MS24
TK76	Iveco 8045	/	01/73 - 06/90	MS79
	New Holland 71 HP Diesel	/	05/80 - 02/88	MS79
TK80A	New Holland 77 HP Diesel	/	01/69 - 12/79	MS79
TK80MA	New Holland 77 HP Diesel	/	04/80 - 02/88	MS79
TK85	80HP,Iveco 8045	/	04/76 - 06/90	MS79
	New Holland 80 HP Diesel	/	03/88 - 06/90	MS79
TK85M	Iveco 8045:80HP	/	01/72 - 12/83	MS79
	New Holland 80 HP Diesel	/	04/80 - 12/83	MS79
TK90A	New Holland 90 HP Diesel	/	01/74 - 05/76	MS79
TK90MA	New Holland 90 HP Diesel	/	01/69 - 12/79	MS79
TL100		/	01/99 - 01/04	MS79
		74 / 101	01/99 - 12/03	MS79
	100HP 4cyl.	/	01/99 - 01/04	MS79
TL55		/	01/99 - 01/04	MS79
TL60		/	01/99 - 01/04	MS79
TL65		/	01/99 - 01/04	MS79
TL70		/	-	MS79
	70HP 4cyl.	/	01/99 - 01/04	MS79
TL80		/	01/99 - 01/04	MS79
		60 / 82	01/99 - 12/03	MS79
	80HP 4cyl.	/	01/99 - 01/04	MS79
TL80A		/	01/97 -	MS79
TL90		/	01/99 - 01/04	MS79
		67 / 91	01/99 - 12/03	MS79
	90HP 4cyl.	/	01/99 - 01/04	MS79
TM115	6cyl.	/	01/99 - 12/02	MS25
	NEF 6-cyl.	/	01/00 -	MS25
TM125		/	01/99 - 01/02	MS25
	6cyl.	/	-	MS25
	NEF 6-cyl.	/	01/00 -	MS25
TM135		/	01/99 - 01/02	MS25
	NEF 6-cyl.	/	-	MS25
TM150		/	01/99 - 01/02	MS25
	6cyl.	/	01/99 - 12/02	MS25
	NEF 6-cyl.	/	01/00 -	MS25
TM165		/	01/99 - 01/02	MS25
	NEF 6-cyl.	/	01/99 -	MS25
	Power star 119kW	/	01/99 - 12/02	MS25
TM7010	6-cyl.,NEF TAA 105kW	/	02/08 -	MS138
	NEF TAA 105kW	/	02/08 -	MS138
TM7020	6-cyl.,NEF TAA 113kW	/	02/08 -	MS138
	NEF TAA 113kW	/	02/08 -	MS138
TM7030	6-cyl.,NEF TAA 125kW	/	02/08 -	MS138
	NEF TAA 125kW	/	02/08 -	MS138
TM7040	6-cyl.,NEF TAA 135kW	/	02/08 -	MS138
	NEF TAA 135kW	/	02/08 -	MS138
TN55	50HP	/	01/99 - 01/04	MS78
TN55D/S	50HP	/	01/99 - 01/04	MS78
TN60A/DA/SA	New Holland 57HP Diesel	/	01/04 -	MS78
TN60DA	Iveco	/	-	MS78
TN60VA	New Holland 57HP Diesel	/	01/99 - 01/03	MS78
TN65F	8045.06	44 / 60	01/99 - 12/02	MS79
TN65F/G/D	New Holland 65 HP Diesel	/	01/99 - 01/03	MS78
TN65V	New Holland 65 HP Diesel	/	01/00 - 01/04	MS78
	New Holland 65HP Diesel	/	01/00 - 12/04	MS78
TN70	New Holland 67 HP Diesel	/	01/99 - 01/03	MS78
TN70A	New Holland 67 HP Diesel	/	01/04 -	MS78
TN70D	New Holland 67 HP Diesel	/	01/00 - 01/03	MS78
TN70DA	Iveco	/	-	MS78
	New Holland 67 HP Diesel	/	01/04 -	MS78
TN70F	New Holland 67 HP Diesel	/	01/01 - 01/04	MS79
TN70S	New Holland 67 HP Diesel	/	01/00 - 01/03	MS78
TN70SA	New Holland 67 HP Diesel	/	01/04 -	MS78

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NEW HOLLAND (continued)				
TN70VA	New Holland 67 HP Diesel	/	01/04 -	MS78
TN75	New Holland 75 HP Diesel	/	01/00 - 01/03	MS78
TN75A	New Holland 75 HP Diesel	/	01/04 -	MS78
TN75D	New Holland 75 HP Diesel	/	01/99 - 01/03	MS78
TN75DA	Iveco	/	-	MS78
	New Holland 75 HP Diesel	/	01/04 -	MS78
TN75F	New Holland 75 HP Diesel	/	01/97 - 01/01	MS79
	New Holland 75HP Diesel	/	01/97 - 12/01	MS79
TN75FA	New Holland 75 HP Diesel	/	01/04 -	MS79
TN75S	New Holland 75 HP Diesel	/	01/99 - 12/03	MS78
TN75SA	New Holland 75 HP Diesel	/	01/04 -	MS78
TN75V	New Holland 75 HP Diesel	/	01/00 - 01/04	MS78
TN75VA	New Holland 75 HP Diesel	/	01/04 -	MS78
TN80F	New Holland 80 HP Diesel	/	01/01 - 01/04	MS79
TN85FA	New Holland 82 HP Diesel	/	01/04 -	MS79
TN90F		66 / 90	01/99 - 12/01	MS79
	New Holland 88 HP Diesel	/	01/97 - 12/01	MS79
TN90G		/	01/97 - 01/01	MS79
TN95F	New Holland 95 HP Diesel	/	01/01 - 01/04	MS79
TN95FA		68 / 92	01/02 - 12/04	MS79
	New Holland 95 HP Diesel	/	01/04 -	MS79
TN95VA	New Holland 95 HP Diesel	/	01/04 -	MS79
TRACTORS		/	-	MS374
TS 110		/	-	MS25
TS 115		/	-	MS25
TS 125		/	-	MS25
TS100	450T/PF	/	-	MS25
	NEF 4-cyl	/	01/98 -	MS138
TS100 POWERSTAR 50T		/	-	MS357
TS100A		75 / 102	10/03 - 12/06	MS138
TS100A DELTA		75 / 102	10/03 - 12/06	MS138
TS100ES	450T/PF	73 / 99	10/99 - 12/03	MS357
TS110	NEF 4-cyl	/	01/98 -	MS138
TS110A		85 / 116	12/03 -	MS138
TS110ES		79 / 107	10/99 - 12/03	MS357
TS115A		86 / 117	10/03 - 12/06	MS138
TS115A DELTA		86 / 117	10/03 - 12/06	MS138
TS125A		93 / 126	10/03 - 12/06	MS138
TS135A		100 / 136	10/03 - 12/06	MS138
TS6.100	101HR,4-cyl,FPT NEF,Tier 4	/	01/12 -	MS138
	FPT NEF	/	01/12 -	MS138
TS6.120	118HR,4-cyl,FPT NEF,Tier 4	/	01/10 -	MS138
	FPT NEF	/	01/10 -	MS138
TS6.125		/	-	MS138
	124HR,6-cyl,FPT.NEF	/	01/10 -	MS138
	FPT.NEF	/	01/10 -	MS138
TS6.140	139HR,6-cyl,FPT.NEF	/	01/10 -	MS138
	FPT.NEF	/	01/10 -	MS138
TS6000 STANDARD (CAB)	4-cyl.,NEF TC 66kW	/	12/07 -	MS24
	NEF TC 66kW	/	12/07 -	MS24
TS6020 (CAB)	4-cyl.,NEF TAA 82kW	/	12/07 -	MS24
	NEF TAA 82kW	/	12/07 -	MS24
TS6030 (CAB)	4-cyl.,NEF TAA 90kW	/	12/07 -	MS24
	NEF TAA 90kW	/	12/07 -	MS24
TS6040 (CAB)	4-cyl.,NEF TAA 97kW	/	12/07 -	MS24
	NEF TAA 97kW	/	12/07 -	MS24
TS7020		/	-	MS138
TS90	NEF 4-cyl	/	01/98 -	MS138
TS90DC	450T/PF	66 / 90	12/99 - 12/03	MS357
TT55	55HR,NEF 3-Cyl	/	01/01 -	MS79
TT60A	3 cyl. 56 HP Diesel	/	-	MS79
	56HR,NEF 3-Cyl	/	01/07 -	MS138
	NEF 3-Cyl	/	01/07 -	MS138
TT65	3 cyl. 65 HP Diesel	/	-	MS79
	65HR,NEF 3-Cyl	/	01/02 -	MS79
TT75	4 cyl. 75 HP Diesel	/	-	MS79
	75HR,NEF 4-cyl	/	01/07 -	MS79

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
TT75A	4 cyl. 75 HP Diesel	/	-	MS79
	75HRNEF 4-cyl	/	-	MS79
TV140		/	-	MS25
	NEF 6-cyl.	/	-	MS25
TW 10	401	/	01/79 - 12/82	MS346
TW 1164 COUNTY		/	-	MS346
TW 1184 COUNTY		/	-	MS346
TW 15		/	01/83 - 12/89	MS346
TW 20	401	/	01/79 - 12/82	MS346
TW 25		/	01/83 - 12/89	MS346
TW 30	401	/	01/79 - 12/82	MS346
TW 35		/	01/83 - 12/89	MS346
TW 5		/	01/85 - 12/89	MS346

WHEEL LOADERS

LW110		/	01/76 - 06/82	MS248
LW110B		/	05/80 - 06/82	MS239
LW130		/	01/73 - 08/76	MS248
LW130B		/	09/76 - 06/90	MS239
LW130TC		/	05/80 - 02/88	MS248
LW190B		/	03/88 - 06/90	MS100
LW90		/	01/73 - 08/76	MS248

WINDROWERS

HW300		/	01/98 - 12/04	MS25
	4 cyl.	/	-	MS368
HW320		/	01/98 - 12/04	MS25
	4 cyl.	/	-	MS368
HW340		/	01/98 - 12/04	MS25
	6 cyl.	/	-	MS368
HW345 SP		/	01/04 - 12/07	MS25
HW365 SP		/	01/05 -	MS25

NISSAN-MOTOR IBERICA

FARM EQUIPMENT

MF 135		/	01/75 - 01/78	MS267
MF 185		/	01/75 - 01/78	MS345
MF 245		/	01/76 -	MS267
MF 285		/	01/76 -	MS345

NORMET

LIFT TRUCKS

6330 X	96kW,TCD2012 L4	/	01/73 - 01/76	MS66
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SPECIAL EQUIPMENT

1050 WPC	TCD2013 L4 2V	/	-	MS232
				MS613
			03/88 -	MS232
				MS613
6050 WP	TCD2012 L4,Tier 3	/	01/69 - 01/77	MS232
				MS613
	TCD2012 L4,Tier 4	/	-	MS232
				MS613

SPECIALITY VEHICLES

UTIMEC LF 500 TRANSMIXER	120kW,TCD2013 L4,Tier 4	/	06/75 - 04/97	MS66
UTIMEC LF 600 TRANSMIXER	155kW,TSC2012 L6,Tier 3	/	01/73 - 07/78	MS66
UTIMEC MF 500 TRANSMIXER	155kW,TCD2012 L6,Tier 3	/	05/79 - 01/80	MS66

ORENSTEIN & KOPPEL (O&K)

LOADERS

L 10	KHD-F4L912	/	01/74 -	MS386
L 15	KHD-F5L912	/	01/77 - 12/80	MS386
L 20	KHD-BF6L913	/	-	MS232
				MS613
			01/77 - 12/80	MS232
				MS613

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
ORENSTEIN & KOPPEL (O&K) (continued)				
L 25	KHD-F8L413	/	-	MS493 MS669
L 30	KHD-F6L913C	/	-	MS232 MS613
L 7	KHD-F3L912	/	01/74 -	MS277
S 10 MOTRAK	KHD-F1L411D	/	06/76 - 03/80	MS190

PALMIERI

FARM EQUIPMENT

1500 GN 100	Same-1056PT	/	07/91 -	MS58
	VM-V1306	/	06/76 - 02/85	MS538
1500 GN 110	V6130	/	02/85 - 12/89	MS538
1500 GN 125	VM-1308V	/	06/76 - 02/85	MS538
1500 GN 125T	VM-T1306V	/	06/76 - 02/85	MS538
1500 GN 140	VM-1308V	/	06/76 - 02/85	MS538
1500 GN 15	Same-1052P	/	09/80 - 12/85	MS58
	Same-982P	/	09/80 - 01/82	MS58
1500 GN 150	V8130T	/	02/85 - 12/89	MS538
1500 GN 175	V8130T,VM-T1308	/	06/77 - 12/90	MS538
1500 GN 180	V8130T	/	02/85 - 12/89	MS538
1500 GN 200	V8130T	/	02/85 - 12/89	MS538
1500 GN 25	Same-983P	/	07/79 - 01/82	MS58
1500 GN 30	Same-1053P	/	07/79 - 12/85	MS58
1500 GN 40	Same-1054P	/	07/79 - 12/90	MS58
1500 GN 50	Same-1055P	/	07/79 -	MS58
1500 GN 60	Same-1056P	/	01/78 -	MS58
1500 GN 80	Same-1056PT	/	02/85 -	MS58
1500 GN 90T	Same-1056PT	/	01/80 - 12/85	MS58
1500 GN 95	Same-1056PTI	/	02/85 -	MS58
1800 GN 100T	Same-1056PT	/	01/80 - 02/85	MS58
1800 GN 101T	Same-1056PTI	/	02/85 -	MS58
1800 GN 110	VM-V1306	/	06/76 - 02/85	MS538
1800 GN 140	VM-1308V	/	06/76 - 02/85	MS538
1800 GN 140T	VM-T1306V	/	06/76 - 02/85	MS538
1800 GN 155	VM-1308V	/	06/76 - 02/85	MS538
1800 GN 18	Same-982L	/	09/80 - 01/82	MS58
1800 GN 200	VM-T1308	/	06/77 - 02/85	MS538
1800 GN 24	Same-1052L	/	09/80 - 01/87	MS58
1800 GN 30	Same-983P	/	07/79 - 01/82	MS58
1800 GN 36	Same-1053P	/	07/79 - 12/88	MS58
1800 GN 48	Same-1054P	/	07/79 - 12/88	MS58
1800 GN 60	Same-1055P	/	07/79 - 12/88	MS58
1800 GN 70	Same-1056P	/	01/78 - 12/90	MS58
1800 GN 90	Same-1056PT	/	02/85 -	MS58
GN 134	V6130T	/	02/85 - 12/90	MS538
GN 150	V8130	/	02/87 - 12/89	MS538
GN 160	V6130TS	/	03/89 -	MS538
GN 175	V8130S	/	03/89 - 07/91	MS538
GN 210 T	V8130TS	/	03/89 -	MS538
GN 220	V8130S	/	03/89 - 07/91	MS538

PASQUALI

FARM EQUIPMENT

8.75	VM	/	01/13 -	MS373
959		/	-	MS301
LDA 100		/	01/70 -	MS392
LDA 820		/	01/70 -	MS392
LDA 91		/	01/70 -	MS392
LDA 96		/	01/70 -	MS392
LDA 97		/	01/70 -	MS392

TRACTORS

103-14 RE/RS/TS/TX	MWM-TD226.4	/	-	MS339
103-52 TA/TE/TS/TX	MWM-TD226.4	/	-	MS339
103-54 TA/TE/TM/TS/TX	MWM-TD226.4	/	-	MS339

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
106-14 SP	MWM-D227.6	/	-	MS351
106-54 TL/TM/TRACFOR	MWM-D226B6	/	-	MS351
110-14 RE/TA/TE/TS/TX	MWM-D226.6	/	-	MS339
110-54 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MS339
113-12 RE/TS/TX	MWM-D227.6	/	-	MS351

PIONEIRA

FARM EQUIPMENT

PIONEIRA	Sisu 420DS 4cyl.	/	07/08 -	MS175
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PRAIRE

FARM EQUIPMENT

2000 VOYAGER	Cummins	/	01/98 -	MS148
4800	PERKINS	/	01/93 - 12/97	MS486
4900	PERKINS	/	01/93 - 12/97	MS486

RANSOMES, SIMS & JEFFERIES

COMBINES

CAVALIER	/	/	01/72 - 01/74	MS385
CRUSADER	/	/	01/72 - 01/74	MS385

REFORMWERKE BAUER

FARM EQUIPMENT

3000	/	/	03/77 - 12/78	MS190
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RELIANCE MERCURY

SPECIALITY VEHICLES

RM 40	/	/	01/76 - 01/78	MS346
RM 50	/	/	01/76 - 01/78	MS346
RM 60	/	/	01/77 - 01/78	MS346
RM 70	/	/	01/79 - 01/82	MS346

RENAULT AGRICULTURE

TRACTORS

113-14 RE/TS/TX	MWM-D227.6	/	-	MS351
1151 4X4	MWM-D226.6	/	-	MS339
1181/1181S 4X4	MWM-D226.6	/	-	MS339
120-14 RE/TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MS339
120-54 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MS339
133-12 TS/TX	MWM-D226.6	/	-	MS339
133-14 RE/TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MS339
133-54 TA/TE/TS/TX/TZ	MWM-D226.6	/	-	MS339
145-14	MWM-TD228.6	/	-	MS351
145-14 RE/TA/TE/TX/TZ	MWM-TD228.6	/	-	MS351
145-54 TA/TE/TX/TZ	MWM-TD228.6	/	-	MS351
155-54 TA/TE/TX/TZ	MWM-TD226B6	/	-	MS351
160-94 TZ	MWM-TD226B6	/	-	MS351
175-74 TZ	MWM-TD226B6	/	-	MS351
180-94 TZ	MWM-TD226B6	/	-	MS351
301/351M	MWM-D327.2	/	-	MS351
321-4	CARRARO-195	/	-	MS274
32-50 FV/EV/SV	MWM-D327.3	/	-	MS351
32-60 FV	MWM-D327.3	/	-	MS351
34-60 V	MWM-D327.3	/	-	MS351
361	MWM-D325.3	/	-	MS351
421	MWM-D327.3	/	-	MS351
421M	MWM-D325.3	/	-	MS351
42-70 FV	MWM-D327.4	/	-	MS339
44-70 F	MWM-D327.4	/	-	MS339
451-4	CARRARO-284	/	-	MS274
461/461M	MWM-D327.3	/	-	MS351
461/461S	MWM-D327.3	/	-	MS351

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
RENAULT AGRICULTURE (continued)				
462	MWM-D327.3	/	-	MS351
466S	MWM-D327.3	/	-	MS351
481-4	CARRARO-285	/	-	MS274
50	MWM-D325.2	/	-	MS351
50-12 LB/V	DEUTZ-F3L912	/	-	MS220
501-4	PERKINS-D3.152	/	-	MS267
50S	MWM-D327.2	/	-	MS351
51	MWM-D325.3	/	-	MS351
521S	MWM-D327.3	/	-	MS351
53	MWM-D325.2	/	-	MS351
551/551S	MWM-D226.3	/	-	MS351
55-12 F/LB/V	DEUTZ-F3L912	/	-	MS220
55-14 LB/V	DEUTZ-F3L912	/	-	MS220
556/556S	MWM-D226.3	/	-	MS351
56/456	MWM-D325.3	/	-	MS351
571-4	CARRARO-315	/	-	MS274
	CARRARO-430	/	-	MS309
58-12 LS	MWM-D226.3	/	-	MS351
581-4	CARRARO-340	/	-	MS274
58-14 LS	MWM-D226.3	/	-	MS351
58-32 MA/ME/MS/MX	MWM-D226.3	/	-	MS351
58-34 MA/ME/MS/MX	MWM-D226.3	/	-	MS351
60/460	MWM-D325.3	/	-	MS351
600M	MWM-D226.3	/	-	MS351
601-4	PERKINS-D4.203	/	-	MS267
60S/460S	MWM-D325.3	/	-	MS351
61	MWM-D325.3	/	-	MS351
61-12 RA/RS	MWM-D226.3	/	-	MS351
61-14 RA/RS	MWM-D226.3	/	-	MS351
650MI	MWM-D226.3	/	-	MS351
651/651S	MWM-D227.4	/	-	MS351
65-12 LS	MWM-D226.3	/	-	MS351
65-14 LS	MWM-D226.3	/	-	MS351
652	MWM-D227.4	/	-	MS351
65-32 MA/ME/MS/MX	MWM-D226.3	/	-	MS351
65-34 MA/ME/MS/MX	MWM-D226.3	/	-	MS351
656/656S	MWM-D227.4	/	-	MS351
681/681S	MWM-D227.4	/	-	MS351
68-12 RA/RS	MWM-D227.4	/	-	MS351
68-14 RA/RS	MWM-D227.4	/	-	MS351
70	MWM-D325.3	/	-	MS351
700/704 HYDRO&MAECA	MWM-TD327.3	/	-	MS339
70-12 F/LB/V	DEUTZ-F4L912	/	-	MS220
70-12 SP	Perkins-4.236	/	-	MS345
70-14 F/LB/V	DEUTZ-F4L912	/	-	MS220
70-14 SP	Perkins-4.236	/	-	MS345
701-4F	Perkins-4.236	/	-	MS345
70-32 PA/PE/PS/PX	Perkins-4.236	/	-	MS345
70-34 PA/PE/PS/PX	Perkins-4.236	/	-	MS345
70S	MWM-D325.3	/	-	MS351
720/724 HYDRO&MAECA	MWM-TD327.3	/	-	MS339
750MI	MWM-D226.4	/	-	MS339
751	MWM-D226.4	/	-	MS339
75-12 LS/RA/RS/TS	MWM-D226.4	/	-	MS351
75-14 LS/RA/RS/TS	MWM-D226.4	/	-	MS351
751S	MWM-D226.4	/	-	MS339
752	MWM-D226.4	/	-	MS339
75-32 MA/ME/MS/MX/TX	MWM-D226.4	/	-	MS351
75-34 MA/ME/MS/MX/TX	MWM-D226.4	/	-	MS351
754MI	MWM-D226.4	/	-	MS339
77-12 TS	MWM-D226.4	/	-	MS351
77-14 TS	MWM-D226.4	/	-	MS351
781/781S	MWM-D226.4	/	-	MS339
782	MWM-D226.4	/	-	MS339
80	MWM-D325.3	/	-	MS351
800M/804M	MWM-D226.4	/	-	MS339
80-12 F/V	DEUTZ-F4L913	/	-	MS220

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
80-12 SP	Perkins-4.248	/	-	MS345
80-12 TX	MWM-D226.4	/	-	MS351
80-14 F/LB/V	DEUTZ-F4L913	/	-	MS220
80-14 SP	Perkins-4.248	/	-	MS345
80-14 TX	MWM-D226.4	/	-	MS351
80-32 PA/PE/PS/PX	Perkins-4.248	/	-	MS345
80-34 PA/PE/PS/PX	Perkins-4.248	/	-	MS345
80S/480S	MWM-D327.3	/	-	MS351
82	MWM-D325.3	/	-	MS351
850MI	MWM-D226.4	/	-	MS339
851/851S	MWM-TD226.4	/	-	MS339
85-12 LS/TS/TX	MWM-D226.4	/	-	MS351
85-14 LS/TS/TX	MWM-D226.4	/	-	MS351
85-32 MA/ME/MS/MX/TX	MWM-D226.4	/	-	MS351
85-34 MA/ME/MS/MX/TX	MWM-D226.4	/	-	MS351
854MI	MWM-D226.4	/	-	MS339
854MI HYDRO	MWM-D226.4	/	-	MS339
86/486	MWM-D325.3	/	-	MS351
89/489	MWM-D226.3	/	-	MS351
891/891S	MWM-D227.6	/	-	MS351
900MI	MWM-D226.4	/	-	MS339
90-32 MA/ME/MS/MX/TX	MWM-D226.4	/	-	MS351
90-34 FT/MA/ME/MS/MX/TX	MWM-D226.4	/	-	MS351
904MIHYDRO	MWM-D226.4	/	-	MS339
90S/490S	MWM-D327.4	/	-	MS339
91	MWM-D325.4	/	-	MS351
92	MWM-D226.3	/	-	MS351
921/921S	MWM-D227.6	/	-	MS351
94	MWM-D325.4	/	-	MS351
950MI	MWM-TD226.4	/	-	MS339
951	MWM-D227.6	/	-	MS351
95-12 RE/RS/TS/TX	MWM-D226.4	/	-	MS351
95-14 RE/RS/TS/TX	MWM-D226.4	/	-	MS351
952	MWM-D227.6	/	-	MS351
954MI	MWM-TD226.4	/	-	MS339
96/496	MWM-D226.4	/	-	MS339
98/498	MWM-D325.6	/	-	MS351
981/981S	MWM-D227.6	/	-	MS351
ARES 540 RX/RZ	DPSG-4039T	/	-	MS264
ARES 550 RX/RZ	DPSG-4039T	/	-	MS264
ARES 610 RX/RZ	DPSG-6059D	/	-	MS358
ARES 620 RX/RZ	DPSG-6068D	/	-	MS358
ARES 630 RX/RZ	DPSG-6068T	/	-	MS358
ARES 640 RZ	DPSG-6068T	/	-	MS358
ARES 710 RZ	DPSG-6068T1	/	-	MS45
ARES 720 RZ	DPSG-6068T2	/	-	MS45
ARES 836 RZ	DPSG-6068T2	/	-	MS45
CERES 65	DPSG-3029D	/	-	MS264
	MWM-D226.3	/	-	MS351
CERES 70	MWM-D226.3	/	-	MS351
CERES 70X	MWM-D226.3	/	-	MS351
CERES 75	DPSG-4039D	/	-	MS264
	Perkins-4.236	/	-	MS345
CERES 75X	DPSG-4039D	/	-	MS264
	Perkins-4.236	/	-	MS345
CERES 85	DPSG-4045D (without air-cond.)	/	-	MS264
	MWM-D226.4	/	-	MS339
CERES 85X	DPSG-4045D	/	-	MS264
	MWM-D226.4	/	-	MS339
CERES 95	DPSG-4039T	/	-	MS264
	MWM-D226.4	/	-	MS339
CERES 95X	DPSG-4039T	/	-	MS264
	MWM-D226.4	/	-	MS339
CERGOS 330	DPSG-4045D (without air-cond.)	/	-	MS264
CERGOS 340	DPSG-4039T (without air-cond.)	/	-	MS264
CERGOS 350	DPSG-4045T	/	-	MS264
ERGOS 105 HYDRO&MECH	DPSG-4045T	/	-	MS264
ERGOS 85 HYDRO&MECH	DPSG-4045D (without air-cond.)	/	-	MS264
ERGOS 95 HYDRO&MECH	DPSG-4039T	/	-	MS264
PALES 210	F3L912	/	-	MS308

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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RENAULT AGRICULTURE (continued)

PALES 230	F4L912	/	-	MS308
PALES 240	F4L13	/	-	MS308
TEMIS 610X/7	Iveco	/	-	MS350
TEMIS 630X/7	Iveco	/	-	MS350
TEMIS 650X/Z	Iveco	/	-	MS350
TRACTORS		/	-	MS43

RIGITRAC

FARM EQUIPMENT

SKH 120	91kW,TCD2012 L04	/	-	MS65
SKH 75	6 L4,TCD3	/	-	MS645
SKH 95	6 L4,TCD3	/	-	MS645

ROSTSELMASH

COMBINES

ACROSS 530	YaMZ 236	/	-	MS258
DON 1500	YaMZ 236	/	-	MS60
	YaMZ 238	/	-	MS60
DON 680	YaMZ 238	/	-	MS60
RSM 100	YaMZ 238	/	-	MS60
RSM 142	YaMZ 236	/	-	MS60
VECTOR 101	YaNZ 236	/	-	MS60
VECTOR 410	YaMZ 236	/	-	MS60
VECTOR 420	YaMZ 236	/	-	MS258
VECTOR 450	YaMZ 236	/	-	MS60

SAME

TRACTORS

45.66 2RM DT	8035.06.220/320	/	01/85 - 01/05	MS78
	8035.06.321	/	01/85 - 01/05	MS78
45.66 DT VIGNETO	8035.06.220/320	/	01/85 - 01/05	MS78
	8035.06.321	/	01/85 - 01/05	MS78
55.46/56/65/66/DT	8035.06.200/206/306/307	/	09/84 - 01/04	MS78
55.46/65/66 2RM DT FRUTTETO	8035.06.216/222/223/307	/	04/85 -	MS78
55.46/65/66 DT VIGNETO	8035.06.216/222/223/307	/	04/85 -	MS78
55.66/DT	8035.06.216/222/223/307	/	04/85 -	MS78
55.75/90	8035.06.200/206/306/307	/	09/84 - 01/04	MS78
55.86 F/V/ 88	8035.06.216/222/223/307	/	04/85 -	MS78
60.46/56/65/66/75	8035.05.200/206/208/306/307	/	09/84 -	MS78
60.75/85 F/V/86F/V/90DT	8035.05.200/206/208/306/307	/	09/84 -	MS78
60.88	8035.05.216/317	/	01/89 - 12/04	MS78
ANTARES 100	1000.6A	/	-	MS354
ANTARES 110	1000.6A/AT	/	12/89 -	MS354
ANTARES 130	1000.6A/AT	/	12/89 -	MS354
ANTARES II 110 DT	1000.6A	/	-	MS354
ANTARES II 130 DT/REV	1000.6A	/	-	MS354
ARGON 3 80	55kW,SDF1000.4,Tier 3	/	01/13 -	MS429
ARGON 50 2RM/ DT	1000.3A	/	-	MS300
ARGON 50,60,70	1000.3AT	/	-	MS300
ARGON 70 2RM/ DT	1000.3AT	/	-	MS300
ARIETE	DA1154	/	01/67 - 12/71	MS280
AUDAX ST ST 200	1 L6,145kW,TCD6,Tier 4i	/	01/13 -	MS69
AUDAX ST ST 220	1 L6,162kW,TCD6,Tier 4i	/	01/13 -	MS69
AURORA 45	983L	/	10/81 - 02/82	MS58
BUFFALO 120	DA1056(040-1056)	/	07/74 - 12/77	MS309
BUFFALO 130	1056P	/	01/78 - 10/81	MS58
CENTAURO 70EXPORT	100.4P	/	09/82 - 10/87	MS58
	984P	/	12/81 - 08/82	MS58
CENTAURO 70SPECIAL	100.4P	/	09/82 - 10/87	MS58
	984P	/	12/81 - 08/82	MS58
CENTURION 75	105.4P	/	11/78 - 09/80	MS58
CENTURION 75EXPORT	105.4P	/	01/81 - 10/87	MS58
CENTURION 75SPECIAL	105.4P	/	01/81 - 05/88	MS58

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
CONDOR 55	100.3P	/	07/82 - 10/87	MS58
	983P	/	02/79 - 06/82	MS58
CORSARO FRUTTETO 70	984P	/	10/81 - 03/88	MS58
CORSARO SYNCHRO 70	984P	/	03/78 - 12/80	MS58
CROP 85	105.4P	/	12/83 - 12/89	MS58
DA 985		/	07/74 - 12/79	MS309
DELFINO 35		/	04/76 -	MS300
DIAMOND 230	Deutz Common Rail 2013 EURO 3	/	- 12/04	MS65
DIAMOND 270	Deutz Common Rail 2013 EURO 3	/	- 12/04	MS65
DORADO 3 100	70kW,SDF1000.4,Tier 3	/	01/13 -	MS429
DORADO 3 90	63kW,SDF1000.4,Tier 3	/	01/13 -	MS429
DORADO 3 90 CLASSIC	63kW,SDF1000.4,Tier 3	/	01/13 -	MS429
DORADO 60 DT/2RM	1000.3A	/	-	MS300
DORADO 70 DT/2RM	1000.4A	/	-	MS354
DORADO 75		/	-	MS429
DORADO 76/86	1000.4W/WT	/	01/05 - 12/09	MS429
DORADO 85		/	-	MS429
DRAGO	037-986	/	11/71 - 12/77	MS309
	D37-986	/	11/71 - 12/77	MS280
DRAGO 120	1056P	/	01/78 - 05/86	MS58
EXPLORER 100	Deutz 2012 TIER III	/	-	MS65
EXPLORER 110	Deutz 2012 TIER III	/	-	MS65
EXPLORER 3 100 T/TB	73kW,TCD2012 L04,Tier 3	/	01/13 -	MS65
EXPLORER 3 105/T	75kW,SDF1000.4,Tier 3	/	01/13 -	MS429
EXPLORER 3 85 T/TB	5kW,62,TCD2012 L04,Tier 3	/	01/13 -	MS65
EXPLORER 3 90/T	65kW,SDF1000.4,Tier 3	/	01/13 -	MS429
EXPLORER 55	916.3A	/	04/83 - 05/86	MS58
EXPLORER 65	916.4A	/	03/83 - 05/86	MS58
EXPLORER 65C	916.4A	/	01/84 - 09/86	MS58
EXPLORER 70 II DT/2RM	1000.4A	/	-	MS354
EXPLORER 70 SPL		/	-	MS354
EXPLORER 75	916.4A	/	02/85 - 05/86	MS58
EXPLORER 80	1000.4A	/	-	MS354
EXPLORER 80 II SPDT BASSO	1000.4A	/	-	MS354
EXPLORER 85	916.4TA	/	02/85 - 05/86	MS58
	Deutz 2012 TIER III	/	-	MS65
EXPLORER 90 II DT REV	1000.4AT	/	-	MS354
EXPLORER 90C ERGOMATIC	1000.4A	/	-	MS354
F100	8065.06A.330	/	09/90 -	MS278
F110	8065.05A.325	/	09/90 - 02/93	MS278
F120	8065.05B.330	/	09/90 -	MS278
F130	8065.25A.220	/	09/90 -	MS278
F140	8065.25S.230	/	03/93 -	MS278
FALCON	983L	/	07/75 - 10/87	MS58
FORTIS 120.4	1 L4,87kW,TCD4,Tier 4i	/	01/13 -	MS69
FORTIS 130.4	1 L4,94kW,TCD4,Tier 4i	/	01/13 -	MS69
FORTIS 140.4	1 L4,99kW,TCD4,Tier 4i	/	01/13 -	MS69
FORTIS 150	1 L6,110kW,TCD6,Tier 4i	/	01/13 -	MS69
FORTIS 150.4	1 L4,110kW,TCD4,Tier 4i	/	01/13 -	MS69
FORTIS 160	1 L6,122kW,TCD6,Tier 4i	/	01/13 -	MS69
FORTIS 160.4	1 L4,122kW,TCD4,Tier 4i	/	01/13 -	MS69
FORTIS 180	1 L6,129kW,TCD6,Tier 4i	/	01/13 -	MS69
FORTIS 190	1 L6,142kW,TCD6,Tier 4i	/	01/13 -	MS69
FRUTTETO 60 II 2RM / 60 II DT/REV	1000.3A	/	-	MS300
FRUTTETO 75 2RM	1000.3AT	/	05/91 -	MS58
FRUTTETO 75 II 2RM/DT/REV	1000.4A	/	-	MS354
FRUTTETO 85 II DT/REV	1000.4AT	/	-	MS354
FRUTTETO II 60 DT	1000.3A	/	05/91 -	MS300
FRUTTETO III 100/S/V/CLASSIC	71kW,SDF1000.4,Tier 3	/	01/13 -	MS429
FRUTTETO III 110/S/V	78kW,SDF1000.4,Tier 3	/	01/13 -	MS429
FRUTTETO III 80.4 CLASSIC	59kW,SDF1000.4,Tier 3	/	01/13 -	MS429
FRUTTETO III 90/S/V/CLASSIC	71kW,SDF1000.4,Tier 3	/	01/13 -	MS429
GALAXY 170	105.6 PTI	/	06/83 -	MS58
GOLDEN 60	1000.3A	/	-	MS300
GOLDEN 65	1000.4W	/	-	MS354
GOLDEN 75	1000.4A,W	/	-	MS354
GOLDEN 85	1000.4A	/	-	MS354
HERCULES 160	105.6PT	/	06/79 - 10/83	MS58
IRON 100	4-cyl,95HP,BF4M2012C,Tier 2	/	01/05 - 12/07	MS65
IRON 110	104HP,6-cyl,BF6M2012C	/	01/05 - 12/07	MS65

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
SAME (continued)				
IRON 115	TCD2012L06	/	01/08 -	MS65
IRON 120	115HR4-cyl,BF4M2012C,Tier 2	/	01/05 - 12/07	MS65
IRON 125	TCD2012L04	/	01/08 -	MS65
IRON 130	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 140	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 150 CONTINUO	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 160	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 170 CONTINUO	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 175	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 185	Deutz Common Rail 2012 EURO 3	/	-	MS65
IRON 210	Deutz Common Rail 2013 TIER 3	/	-	MS65
JAGUAR	105.4P	/	09/78 - 09/80	MS58
JAGUAR 100	105.5P	/	03/82 - 03/84	MS58
JAGUAR 95	105.5P	/	02/79 - 03/82	MS58
KRYPTON 100		/	-	MS429
KRYPTON 2 78 F/M/N/C		/	-	MS429
KRYPTON 2 88 F/M		/	-	MS429
KRYPTON 3 100 F	70kW,SDF1000.4,Tier 3	/	01/13 -	MS429
KRYPTON 3 110 SIX	75kW,SDF1000.4,Tier 3	/	01/13 -	MS65
KRYPTON 3 90 F	63kW,SDF1000.4,Tier 3	/	01/13 -	MS429
KRYPTON 80		/	-	MS429
KRYPTON 90	4cyl.	/	-	MS429
LASER 100	105.5P	/	03/84 -	MS58
	1055PA	/	-	MS354
LASER 110	100.6P	/	03/83 - 12/87	MS58
	1006PA	/	-	MS354
LASER 130	105.6P	/	04/83 - 12/87	MS58
	1056PA	/	-	MS354
LASER 150	105.6PS	/	03/83 - 12/87	MS58
	1056PT	/	-	MS354
LASER 3 140	1000.6WTI,140HP	/	01/10 -	MS429
LASER 3 160	1000.6WTI,163HP	/	01/10 -	MS429
LASER 85 TRANSPORTER	1054PA	/	-	MS354
LASER 90	105.4PT	/	03/84 - 12/87	MS58
LEOPARD 85	105.4P	/	01/78 - 02/82	MS58
LEOPARD 85 EXPORT	105.4P	/	02/79 - 11/81	MS58
LEOPARD 90 TURBO	105.4PT	/	02/82 - 03/84	MS58
LEOPARD C	105.4P	/	06/80 - 12/85	MS58
MERCURY 85	105.4P	/	01/81 - 10/81	MS58
MERCURY 85 EXPORT	105.4P	/	01/81 - 10/87	MS58
MERCURY 85 SPECIAL	105.4P	/	06/81 - 10/87	MS58
MINITAURO 60	1053L	/	01/74 - 09/80	MS58
MINITAURO 60 FRUTTETO	105.3P	/	03/82 - 03/88	MS58
PANTHER	DA985(041-985)	/	07/74 - 12/77	MS309
PANTHER 90	985P	/	01/78 - 09/80	MS58
PANTHER 95	1055P	/	02/79 - 10/81	MS58
RANGER 45	983L	/	02/82 -	MS58
ROCK 60 / 55	1000.3A	/	-	MS300
ROW CROP 90	1000.4AT	/	-	MS354
RUBIN 200		/	-	MS429
RUBIN 120		/	-	MS429
RUBIN 135		/	-	MS429
RUBIN 150		/	-	MS429
RUBIN 160		/	-	MS429
RUBIN 180		/	-	MS429
SATURNO 80		/	03/72 - 06/76	MS300
SATURNO 80 SYNCHRO	1054P	/	02/79 - 12/80	MS58
SILVER 100.4 DT	1000.4ATI	/	-	MS354
SILVER 100.6 DT	1000.4ATI	/	-	MS354
SILVER 105	1000.6VV,105HP	/	01/04 - 12/09	MS429
SILVER 110	1000.4WTI,109HP	/	01/04 - 12/09	MS429
SILVER 180		/	-	MS429
SILVER 3 100	99HR,TCD2012 L04 2V,Tier III	/	01/09 -	MS65
SILVER 3 100 CONTINUO	99HR,TCD2012 L04 2V,Tier III	/	01/10 -	MS65
SILVER 3 110	109HR,TCD2012 L04 2V,Tier III	/	01/09 -	MS65
SILVER 3 110 CONTINUO	109HR,TCD2012 L04 2V,Tier III	/	01/10 -	MS65
SILVER 80 DT/2RM	1000.4A	/	-	MS354

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
SILVER 85	1000.4WVT,85HP	/	01/04 - 12/09	MS429
SILVER 85/95	1000.4 W/WVT	/	01/04 - 12/09	MS429
SILVER 90 DT/2RM	1000.4AT	/	-	MS354
SILVER 95	1000.4WVT,105HP	/	01/04 - 12/09	MS429
SIRENETTA 35		/	04/76 -	MS300
SOLAR 50	983LA	/	01/86 - 12/97	MS300
SOLAR 55C	100.3P	/	-	MS300
SOLAR 60	105.3P	/	06/86 - 12/87	MS58
SOLAR 60C ERGOMATIC/MONTAGNA	1053PA	/	-	MS300
SOLAR 60C/COMPACT/SUPERCOMPACT	1053PA	/	-	MS300
SOLARIS 45/35	KEF-DT/K4F-D	/	-	MS330
TAURUS 60	105.3P	/	11/78 - 12/84	MS58
TAURUS C	105.3P	/	06/80 - 12/83	MS58
TIGER 100	105.5L	/	01/77 - 09/80	MS58
TIGER SIX 105	986P	/	01/77 - 09/80	MS58
TITAN 145 DT	1000.6ATI	/	-	MS354
TITAN 160 DT	1000.6WTI	/	05/91 -	MS354
TITAN 190 DT	1000.6WTIR	/	01/92 -	MS354
VIGNERON 60	105.3P	/	03/78 - 02/88	MS58
VIGNERON 62 DT		/	-	MS300
VIGNERON 70	100.4P	/	06/82 - 02/88	MS58
VIGNERON 75 DT	1000.4AT	/	-	MS354
VIRTUS 100	5kW,6 L4,72,TCD3,Tier 4i	/	01/13 -	MS69
VIRTUS 110	6 L4,81kW,TCD3,Tier 4i	/	01/13 -	MS69
VIRTUS 120	1 L4,87kW,TCD4,Tier 4i	/	01/13 -	MS69
VIRTUS 130	6 L4,93kW,TCD3,Tier 4i	/	01/13 -	MS69
VIRTUS J 100	5kW,6 L4,72,TCD3,Tier 4i	/	01/13 -	MS69
VIRTUS J 110	6 L4,81kW,TCD3,Tier 4i	/	01/13 -	MS69
VIRTUS J 120	6 L4,87kW,TCD3,Tier 4i	/	01/13 -	MS69
VIRTUS J 90	5kW,6 L4,65,TCD3,Tier 4i	/	01/13 -	MS69

SAMPO ROSENLEW

COMBINES

SAMPO 20		/	01/69 - 01/73	MS184
SAMPO 25		/	01/69 - 01/73	MS184
SAMPO 30		/	01/69 - 01/73	MS184
SAMPO 310		/	01/74 -	MS184
SAMPO 35		/	01/69 - 01/73	MS184
SAMPO 360		/	01/74 -	MS184
SAMPO 40		/	01/71 -	MS184
SAMPO 410		/	01/74 -	MS184
SAMPO 460		/	01/74 -	MS184
SR 2035	4cyl.	/	-	MS91
SR 2045	4cyl.Turbo	/	-	MS91
SR 2055	6cyl.	/	-	MS91
SR 2065	6cyl.Turbo	/	-	MS91
SR 2075 TS	6cyl.Turbo	/	-	MS91
SR 2085 TS	6cyl.Turbo	/	-	MS91
SR 3.9		/	01/70 - 09/90	MS347
SR 3045	620DSEL	/	-	MS91
SR 3065	620DSBAEL	/	-	MS91
SR1046X	Sisu Diesel 44DT 4cyl	/	-	MS175
SR1066	Sisu Diesel 44DT 4cyl	/	-	MS175
SR3045C	Sisu Diesel 44DT 4cyl	/	-	MS175
SR3065L	Sisu Diesel 44DT 4cyl	/	-	MS175
SR3085LTS	Sisu Diesel 44DT 4cyl	/	-	MS175

SANDERSON

TELEHANDLER

5M-26		/	-	MS347
6-22		/	-	MS347
7-25		/	-	MS347

SAUERBURGER

FARM EQUIPMENT

SH200	18kW,Perkins 403D-11	/	-	MS86
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Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
SAUERBURGER (continued)				
SH300	24kW,Perkins 403D-15	/	-	MS86
SH336	25kW,Perkins 404D-15	/	-	MS86
SH400	25kW,Perkins 404D-15	/	-	MS86
SH500	38kW,Perkins 404D-22	/	-	MS86
SH500T	38kW,Perkins 404D-22	/	-	MS86
SH555	38kW,Perkins 404D-22	/	-	MS86
TELEHANDLER				
FXSCOPIC 56-20	48kW,Perkins 404D-22T	/	-	MS86

SCHAEFFER

TELEHANDLER

9380 T	1 L6,154kW,TCD6,Tier 4i	/	01/99 -	MS69
	129kW,Deutz 6-cyl	/	01/99 -	MS65
9630 T	91kW,Deutz 4-cyl	/	01/99 -	MS65
9660 T	1,115kW,4-cyl,TCD4	/	-	MS69
SKL 500	KHD-F3L912	/	01/99 -	MS220
SKL 700	KHD-F3L912	/	01/99 -	MS277
				MS613
SKL 833	45kW,Perkins 700	/	01/99 -	MS95

WHEEL LOADERS

9300Z	81kW,Deutz 4-cyl	/	01/99 -	MS65
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SCHANZLIN

TRACTORS

GIGANT 300.K	MWM-D325-2	/	04/70 - 12/88	MS313
GIGANT 300K		/	10/76 - 03/77	MS190

SCHLÜTER

FARM EQUIPMENT

EURO TRAC 1300LS	MAN-D0826TUE501/502	/	10/90 -	MS385
EURO TRAC 1600LS	MAN-D0826LUE503/504	/	10/90 -	MS385
EURO TRAC 1920LS	MAN-D0826LUE501/502	/	10/90 -	MS385
PROFIT 2000TVL	SDMT112W8	/	12/81 -	MS577
S 2000 TV (9500V)		/	01/70 - 05/72	MS577
SDM W8		/	01/72 - 05/78	MS577
SDMT W8		/	01/72 - 05/78	MS577
SUPER 1050/V/1150V	SDM108W6	/	06/83 -	MS577
SUPER 1250VL	SDM110W6	/	11/82 -	MS577
SUPER 1250VL/V	SDM110W6	/	11/82 -	MS577
SUPER 1300VL	SDM112W6	/	12/81 -	MS577
SUPER 1500TV	SDMT100W6	/	11/82 - 11/87	MS577
SUPER 1500TVL	SDMT110W6	/	11/82 - 11/87	MS577
SUPER 1600TVL	SDMT112W6	/	12/81 -	MS577
SUPER 1800 VL(EX.SUPER E7800T)		/	06/72 - 07/78	MS577
SUPER 1800TVL	SDMT112W6	/	12/81 -	MS577
SUPER 2000TVL	SDMT112W8	/	12/81 -	MS577

SENNEBOGEN

TELEHANDLER

305 C+	91kW,TCD2012 L04 2V,Tier 3	/	01/96 -	MS66
608 M	4-cyl,91kW,TCD2012 L04-2V	/	01/96 -	MS66
608 MULTICRANE	4-cyl,91kW,TCD2012 L04 2V	/	01/99 -	MS66
608 R	4-cyl,91kW,TCD2012 L04-2V	/	01/92 -	MS65
643 M	128kW,TCD2012 L06 2V,Tier 3	/	01/00 -	MS66
643 R	128kW,TCD2012 L06 2V,Tier 3	/	01/95 -	MS66
683 M	186kW,TCD2013 L06 2V,Tier 3	/	01/95 -	MS66
683 R	186kW,TCD2013 L06 2V,Tier 3	/	-	MS66
870 M	300kW,TCD2015 V06 4V	/	01/01 -	MS63
870 R	300kW,TCD2015 V06 4V	/	01/01 -	MS63
HPC 40 MULTICRANE	91kW,TCD2012 L04 2V,Tier 3	/	01/91 -	MS66

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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SPRA-COUPÉ

FARM EQUIPMENT

7450	1106C,Perkins	/	01/05 -	MS289
7650	1106C,Perkins	/	01/05 -	MS289

STEYR

FIELD CHOPPER

MEX-MOBIL	WD615.84	/	02/82 - 04/87	MS536
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TRACTORS

4055	FPT	/	-	MS24
4065	FPT	/	-	MS24
4085	FPT F5C	/	-	MS24
4095	FPT F5C	/	-	MS24
4105	FPT F5C	/	-	MS24
4110	FPT NEF	/	-	MS138
4110 ET	FPT NEF	/	-	MS138
4115	FPT F5C	/	-	MS24
4120	FPT NEF	/	-	MS138
4130	FPT NEF	/	-	MS138
6125	FPT NEF	/	-	MS138
6130	FPT	/	-	MS138
6140	FPT NEF	/	-	MS138
6145	FPT	/	-	MS138
6160	FPT	/	-	MS138
6170	FPT	/	-	MS168
6185	FPT	/	-	MS138
6205	FPT	/	-	MS138
6230	FPT	/	-	MS138
8060 A/T	WD311.87	/	02/87 -	MS336
8065 A	WD311.85	/	09/86 -	MS336
8130 A	88,WD611.87	/	10/92 -	MS354
8165 A	WD612.86	/	06/86 -	MS280

STORE

FARM EQUIPMENT

402	FIAT engine	/	-	MS192
404		/	-	MS192
502	IMR engine	/	-	MS205
504	IMR engine	/	-	MS205

TEREX

BACKHOE LOADER

860 ELITE	1104D-44T,4-cyl,94HP	/	11/82 -	MS395
860SX	1104D-44T,4-cyl,94HP	/	07/83 -	MS395
880SX	1104D-44T,4-cyl,94HP	/	01/83 -	MS395
970 ELITE	1104D-44T,4-cyl,94HP	/	-	MS395
980 ELITE	1104D-44T,4-cyl,94HP	/	-	MS395
TLB840	1104D-44TA,4-cyl,94HP	/	-	MS21
TLB890	100HP,1104D-44TA,4-cyl	/	-	MS21
TX60		/	-	MS395
TX750	1004.40,1004.42	/	01/76 - 06/79	MS395
TX760	1004.40T,1004.42	/	01/79 - 06/86	MS395
TX760B	1104D-44T,4-cyl,94HP	/	12/79 - 06/86	MS395
TX860	1004.40T	/	07/80 - 06/84	MS395
TX860B	1104D-44T,4-cyl,94HP	/	08/86 -	MS395
TX860SB	1004.40T	/	-	MS395
TX870B	1104D-44T,4-cyl,94HP	/	-	MS395
TX880 ELITE	1104D-44T,4-cyl,94HP	/	09/68 - 11/70	MS395
TX960	1004.4T	/	12/70 - 06/73	MS395
TX965	1004.4T	/	06/83 - 06/94	MS395

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
TIMBERJACK				
LOGGERS				
1210B	1006 Perkins	/	02/75 - 06/79	MS369
608	Cummins	/	01/61 - 12/70	MS242
608 HARVESTER		/	12/73 - 06/78	MS242
610	Cummins	/	07/80 - 06/84	MS148

TORPEDO

FARM EQUIPMENT

D4506		/	-	MS220
D7206		/	-	MS220
DX110		/	-	MS220
TB1841		/	-	MS220
TB1941		/	-	MS220
TD4506		/	-	MS220
TD7506		/	-	MS220

URSUS

TRACTORS

1014	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.0	/	-	MS309
1114	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.1	/	-	MS309
1134	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.1	/	-	MS309
1224	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.1	/	-	MS309
1614	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.1	/	-	MS309
2802	3250/AD3.152VR	/	-	MS205
2812	3250/AD3.152VR	/	-	MS205
3512	3250/AD3.152VR	/	-	MS205
3514	3250/AD3.152VR	/	-	MS205
4512	4390/A4236	/	-	MS345
4514	4390/A4236	/	-	MS345
5044	1103D	/	01/14 -	MS297
904 B	4-cyl,58kW,Z9350	/	-	MS309
912	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.2	/	-	MS309
914	Z8002.1/134,Z8401.1/134	/	-	MS309
	Z8701.1/Z8602.1	/	-	MS309
C-330M/335	S312C	/	-	MS184
C-360	S4003	/	-	MS184
C360-P	AD3.151VR	/	-	MS205
MF235	3250/AD3.152VR	/	-	MS205
MF255	3250/AD3.152VR	/	-	MS205
TRACTORS		/	-	MS281

UTB (ROM)

FARM EQUIPMENT

1010 DT	100HP,6-cyl,D.261.050	/	-	MS192
1010 II	.. 105HP,6-cyl,D.	/	01/88 - 12/95	MS192
1033	102HR,6-cyl	/	-	MS192
1033 II	6-cyl,99HR,D.261.073	/	01/95 - 12/04	MS192
350 U/DTC/DT		/	-	MS107
445 HCP	3-cyl,D.115... 45HP	/	01/74 - 12/85	MS224
445 U/DT/DTC	3-cyl,5HP,D.115... 42	/	01/74 - 12/81	MS107
453 DT/DTP/DTC	3-cyl,45HP,D.115.000	/	01/84 - 12/04	MS107
483	2302,3-cyl,48HP	/	01/85 - 12/04	MS224
500	3-cyl,46HR,D.115.008	/	01/74 - 12/81	MS224
523 U/DTC/DTP		/	-	MS107
530 DTC	3-cyl,50HR,D-115.050	/	01/82 - 12/85	MS107
530 SI	3-cyl,50HR,D-115.050	/	01/82 - 12/85	MS107
532	3-cyl,55HR,D.115.050	/	01/85 - 12/88	MS107

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
533 DT	4-cyl,53HP,D.115.050	/	01/89 - 12/04	MS192
533 U/DTC/DTP	3-cyl,D.115... 51HP	/	01/88 - 12/01	MS107
550	4-cyl,D.121... 54HP	/	01/74 - 12/81	MS192
550 DTC-V		/	-	MS192
550 U/DT/DTC		/	-	MS192
553	4-cyl,55HP,D.121.000	/	01/88 - 12/01	MS192
600	4-cyl,D.121... 54HP	/	01/74 - 12/82	MS192
640 U/DTC	4-cyl,62HP,D-121.050	/	01/82 - 12/85	MS192
642	4-cyl,68HP,D.115.050	/	01/85 - 12/88	MS192
643	2402.005,4-Cyl,64HP	/	01/92 - 12/04	MS192
643 U/DT/DTC/DTP	4-cyl,62HP	/	10/88 - 12/02	MS192
683 U/DTC/DTP	2404.0550,4-cyl,86HP	/	01/95 - 12/04	MS192
703 DT	2404.050,4-cyl,70HP	/	01/88 - 12/04	MS317
703 U/DT	2404.050,4-cyl,70HP	/	01/88 - 12/04	MS192
740	4-cyl,68HP,D.121.053	/	01/85 - 12/88	MS192
833	2404.062 T,4-cyl,83HP	/	05/94 - 12/04	MS192
850	6-cyl,83HP,D.2601.000	/	01/84 - 12/88	MS192
VARIOUS MODELS		/	-	MS363

VALMET

TRACTORS

110 ID	225-6	/	12/73 -	MS349
1100		/	01/72 -	MS184
1102	411BS	/	-	MS184
1112		/	01/72 -	MS184
118	D229-6	/	06/81 -	MS349
	PID A 229-6 TV Alc.	/	06/83 - 12/86	MS349
1180 S	Sisu Diesel	/	-	MS235
118-4	D229-6	/	06/81 -	MS349
	PID A 229-6 Alcool	/	06/83 - 12/86	MS349
1203	411CX	/	-	MS184
128	D 229-6 VS	/	07/86 -	MS349
	D229-6 VS	/	07/86 -	MS349
	PID A 229-6 Alcool	/	06/83 - 12/83	MS349
1280	81198200G	/	-	MS349
138 TURBO	TD229-6 TV	/	01/80 -	MS349
138-4 TURBO	TD229-6 VS	/	10/82 -	MS349
148	TD229-6 VS	/	10/82 -	MS349
148 TURBO	TD229-6 TV	/	01/80 -	MS349
1580	D229 EC-6 VM	/	08/90 -	MS349
1780	80511800	/	-	MS349
255	320D	/	-	MS91
305	TD27DS3	/	-	MS184
355	320D	/	-	MS91
365S	320DS Turbo	/	-	MS91
500	310B	/	01/69 - 01/75	MS184
502	310B	/	01/69 - 01/75	MS184
504	310B	/	12/81 - 06/94	MS91
	D27B	/	-	MS184
505	TD33DS5	/	-	MS184
542	310B	/	01/69 - 01/75	MS184
565	320DS Turbo	/	-	MS91
6000		/	01/90 -	MS184
602	311C/311CS	/	-	MS184
604	311C/CS	/	12/81 - 06/94	MS91
	D33C/TD33C	/	-	MS184
605	TD33DS6	/	-	MS184
6100	320DS / Turbo	/	-	MS91
6200	44DT	/	-	MS175
6250 HI	44DT	/	-	MS175
6300	420 / SRE	/	-	MS91
	44 DT	/	-	MS175
6350 HI	44DT	/	-	MS175
6400	420 DS / DW	/	-	MS91
	420D WRE / 44 ET	/	-	MS175
655	D44D7	/	-	MS184
6550 HI	44 ET	/	-	MS175
6600	320DS Turbo/420DS	/	-	MS91
665S	420D	/	-	MS91

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
VALMET (continued)				
6750/HI	420DWRIE	/	-	MS91
68	D229-3 VS	/	06/81 -	MS349
68 CAFEIRO	D229-3 VS	/	06/81 -	MS349
6800	420 DWI	/	-	MS91
685	/	/	08/92 -	MS417
	83005000A	/	-	MS417
685 ECO	/	/	07/94 -	MS417
6850 HI	44 EWI	/	-	MS175
6850/HI	420DWRIE	/	-	MS91
685ATS	83005000B	/	-	MS417
6900	/	/	01/97 -	MS175
700	/	/	01/71 - 01/72	MS184
702/S	411B/411BS	/	-	MS184
703	411C	/	-	MS184
705	TD44DS7	/	-	MS184
712	/	/	01/71 - 01/72	MS184
755	TD	/	-	MS184
78 S	D229-4	/	01/85 -	MS349
78 VE	D229-4	/	01/85 -	MS349
785	82605400	/	-	MS349
800	420DR	/	-	MS91
8000	620 DS	/	-	MS91
802	411CS	/	-	MS184
803	411CS	/	-	MS184
805	TD44DS8	/	-	MS184
805/-4	TD44DS8(411DS8)	/	08/82 - 06/94	MS91
8050	620 DS	/	01/96 -	MS91
	620DS Turbo	/	-	MS91
8100	620 D	/	01/90 -	MS91
8150	620 DS	/	01/96 -	MS281
	620DS Turbo	/	-	MS91
8200	620 D	/	01/90 -	MS91
8350	620DSI	/	-	MS91
8400	620 D	/	01/90 -	MS91
	620DS Turbo	/	-	MS91
8450	620 DW / R / E	/	01/96 -	MS91
	620DS Turbo	/	-	MS91
855	TD44DS8	/	-	MS184
8550	634DS / Turbo / Sigma	/	-	MS91
	634DSRE	/	-	MS91
8570	634DS / Turbo / Sigma	/	-	MS91
865	420DS Turbo	/	-	MS91
8750	634DS / Turbo / Sigma	/	-	MS91
88	229-4	/	06/81 -	MS349
880	D229-4	/	01/86 -	MS349
885	D 229-4 VM	/	08/89 -	MS349
	D229-4 TM	/	08/89 -	MS349
8950	634DSBIE / 620DSBIE	/	01/98 -	MS91
900	/	/	01/69 -	MS184
	420DSRE / 411B	/	-	MS91
902	/	/	01/69 -	MS184
903	411CS9	/	-	MS184
905	D66D9	/	-	MS184
912	D66D9	/	-	MS184
980 TURBO	TD229-4	/	02/86 -	MS349
985	D229 EC-4 TA	/	01/90 -	MS349
	D229 EC-4 VM	/	01/90 -	MS349
A650	Sisu 320D 3cyl.	/	01/10 -	MS235
	Sisu 320D 3cyl. 66HP	/	-	MS235
A650/F	Sisu 320D 3cyl. 66HP	/	01/10 -	MS235
A72	3-cyl,33DTA,74HP,Stage 3A	/	-	MS235
A75	3-cyl,33DTA,80HP,Stage 3A	/	-	MS235
A750	Sisu 320DS 3cyl.	/	06/09 -	MS235
	Sisu 320DS 3cyl. 78HP	/	-	MS235
A750F	Sisu 320DS 3cyl. 78HP	/	06/09 -	MS235
A750L	Sisu 420D 4cyl.	/	08/09 -	MS175
A75N/L	33DT	/	-	MS235

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
A83	3-cyl,33CTA,88HP,Satge 3A	/	-	MS235
A85	44DTA,88HP,Stage 3A	/	-	MS175
A850	Sisu 320DS 3cyl.	/	05/09 -	MS235
	Sisu 320DS 3cyl. 85HP	/	-	MS235
A850/F	Sisu 320DS 3cyl. 85HP	/	06/09 -	MS235
A85N/L	44DT	/	-	MS175
	44DT/33DTA	/	-	MS175
A93	101HP,3-cyl,33CTA,Satge 3A	/	-	MS235
A95	101HP,44DTA,Stage 3A	/	-	MS175
A950	4cyl. 96HP,Sisu 420DS	/	-	MS235
	Sisu 420DS	/	-	MS235
	Sisu 420DS 4cyl.	/	03/09 -	MS175
				MS235
A950 F	3-cyl,95HPSisu 320DS	/	-	MS175
				MS235
	3-cyl,Sisu 320DS	/	-	MS175
				MS235
A95N/L	44DT/33DTA	/	-	MS235
A990	Sisu 420DS 4cyl.	/	08/09 -	MS175
ALL MODELS		/	03/08 -	MS91
BC4500	6cyl. 200HP,Sisu 620DSR	/	03/08 -	MS175
	Sisu 620DSR	/	03/08 -	MS175
BC4500R	200HP,6-cyl,Sisu 620DSR	/	-	MS175
	Sisu 620DSR	/	-	MS175
BH135I	4cyl. 137HP,Sisu 420DSA	/	-	MS175
	Sisu 420DSA	/	-	MS175
BH145	6cyl. 153HP,Sisu 620DS	/	03/08 -	MS175
	Sisu 620DS	/	03/08 -	MS175
BH165	6cyl. 174HP,Sisu 620DS	/	03/08 -	MS175
	Sisu 620DS	/	03/08 -	MS175
BH180	6cyl. 189HP,Sisu 620DS	/	03/08 -	MS175
			03/10 -	MS175
	Sisu 620DS	/	03/08 -	MS175
BH185I	Sisu 620DSA 6cyl.	/	03/08 -	MS175
BH200	6cyl. 200HP,Sisu 620DS	/	-	MS175
BH205I	Sisu 620DSA 6cyl.	/	07/08 -	MS175
BH210I	6cyl. 210HP,Sisu 620DS	/	-	MS175
	Sisu 620DS	/	-	MS175
BM100	4cyl. 106HP,Sisu 420DS	/	03/08 -	MS175
	Sisu 420DS 4cyl. 106HP	/	03/08 -	MS175
BM100 PCR	4cyl. 106HP,Sisu 420DR	/	-	MS175
BM110	4cyl. 116HP,Sisu 420DS	/	03/08 -	MS175
	Sisu 420DS	/	03/08 -	MS175
BM125I	4cyl. 132HP,Sisu 420DSA	/	03/08 -	MS175
	Sisu 420DSA	/	03/08 -	MS175
BT150	Sisu 620DS 6cyl. 150HP	/	08/09 -	MS111
BT170	Sisu 620DS 6cyl. 170HP	/	08/09 -	MS111
BT190	Sisu 620DSA 6cyl. 190HP	/	08/09 -	MS111
BT210	Sisu 634DSA 6cyl.	/	08/09 -	MS111
C100	420DS Turbo	/	-	MS91
C15	420DS	/	-	MS91
C20	420DS	/	-	MS91
C200	420DS	/	-	MS91
M600	320D	/	-	MS184
M700	320DS	/	-	MS184
M800	420D	/	-	MS184
M900	420DS	/	-	MS184
MEGA 8050	620D	/	-	MS91
MEGA 8150	620D	/	-	MS91
MEGA 8550	620DS	/	-	MS91
MEGA 8750	634 DA_DS	/	01/98 -	MS91
N101	44DT/DTA	/	-	MS175
N101 C/H	101HP,44DTA,Stage 3A	/	-	MS175
N103	111HP,33AWI,4-cyl,Stage 3A	/	-	MS175
	33AWI,4-cyl	/	-	MS175
N103.4 HITECH	4-cyl,44AWI,82kW	/	-	MS175
N103.4 HITECH 5	4-cyl,44AWI,82kW	/	-	MS175
N111	44DT/DTA	/	-	MS175
N111 E/C/H/LS	44 EWA / DTA	/	-	MS175
N113	124HP,44AWI/4V,Stage 3A	/	-	MS175

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
VALMET (continued)				
	44AWI/4V	/	-	MS175
N121 H/LS	44CWA	/	-	MS175
N123 HITECH 3	44AWI/4V	/	-	MS175
	44AWI/4V,99kW,Stage 3A	/	-	MS175
N123 VERSU	4-cyl,49AWI,99kW	/	-	MS175
N141 H/LS	150HP,4-cyl,49CWA,Stage 3A	/	-	MS175
	49CWA	/	-	MS175
N143 HITECH 3	4-cyl,49AWI,99kW	/	-	MS175
N143 VERSU	4-cyl,49AWI,99kW	/	-	MS175
N143/D	112kW,49AWI/4V,Stage 3A	/	-	MS175
N163 VERSU	4-cyl,49AWI,99kW	/	-	MS175
N163/D	120kW,49AWI/4V,Stage 3A	/	-	MS175
N82	44DTA,88HP,Stage 3A	/	-	MS175
N91	44DT/DTA	/	-	MS175
N91 C/H	44 DT	/	-	MS175
N91/N101/N111	44DT/DTA	/	-	MS175
N92	101HP,44DTA,Stage 3A	/	-	MS175
N93	33AWI,4-cyl	/	-	MS175
	33AWI,4-cyl,99HP,Stage 3A	/	-	MS175
S233	270HP,84AWI-4V,SCR (e3)	/	-	MS175
	84AWI-4V,SCR (e3)	/	-	MS175
S260	645 D S BAE	/	-	MS175
S263	295HP,84AWI-4V,SCR (e3)	/	-	MS175
	84AWI-4V,SCR (e3)	/	-	MS175
S280	84ETA	/	-	MS175
S293	320HP,84AWI-4V,SCR (e3)	/	-	MS175
	325HP,Agcopower 84WI-4V	/	-	MS1
	84AWI-4V,SCR (e3)	/	-	MS175
	Agcopower 84WI-4V	/	-	MS1
S323	350HP,84AWI-4V,SCR (e3)	/	-	MS175
	84AWI-4V,SCR (e3)	/	-	MS175
S353	370HP,84AWI-4V,SCR (e3)	/	-	MS175
	375HP,Agcopower 84WI-4V	/	-	MS1
	84AWI-4V,SCR (e3)	/	-	MS175
	Agcopower 84WI-4V	/	-	MS1
SK150	Valmet-611CSBA	/	09/81 - 12/95	MS214
				MS611
T121	66CTA-4V	/	-	MS175
	66CTA-4V,98kW,Stage 3A	/	-	MS175
T131	66CTA-4V	/	-	MS175
	66CTA-4V,98kW,Stage 3A	/	-	MS175
T133/H	112kW,66AWI-4V,Stage 3A	/	-	MS175
	66AWI-4V	/	-	MS175
T151	114kW,66CTA-4V,Stage 3A	/	-	MS175
	66CTA-4V	/	-	MS175
T153	114kW,66AWI-4V,Stage 3A	/	-	MS175
T153 HITECH	114kW,66AWI-4V,Stage 3A	/	-	MS175
T153 VERSU	114kW,66AWI-4V,Stage 3A	/	-	MS175
T153D	114kW,66AWI-4V,Stage 3A	/	-	MS175
T161	125kW,66CTA-4V,Stage 3A	/	-	MS175
	66CTA-4V	/	-	MS175
T163E/VERSU	125kW,74AWI-4V,Stage 3A	/	-	MS175
T163E/ED	125kW,74AWI-4V,Stage 3A	/	-	MS175
T173 HITECH	132kW,74AWI-4V,Stage 3A	/	-	MS175
T183 VERSU	138kW,74AWI-4V,Stage 3A	/	-	MS175
T183/D	138kW,74AWI-4V,Stage 3A	/	-	MS175
T191	185HP,74CTA-4V,Stage 3A	/	-	MS175
	74CTA-4V	/	-	MS175
T193	155kW,74AWI-4V,Stage 3A	/	-	MS175
T203/D	150kW,74AWI-4V,Stage 3A	/	-	MS175
T213 VERSU	158kW,74AWI-4V,Stage 3A	/	-	MS175
X120	420DWRIE	/	01/99 -	MS175

VALPADANA

FARM EQUIPMENT

2500	Ruggerini RD952	/	01/89 -	MS301
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Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
4RM330 RS	Ruggerini RD952	/	01/78 - 12/88	MS301
VMC 130	6LD360	/	03/92 -	MS359
				MS636
	Ruggerini-RD 81	/	05/82 - 01/92	MS359
				MS636
VMC 14	3LD510	/	03/92 -	MS359
				MS636
	Ruggerini-RD 901	/	07/70 - 01/86	MS359
				MS636
VMC 150	3LD510	/	03/92 -	MS359
				MS636
	Ruggerini-RD 901	/	04/84 - 01/86	MS359
				MS636
VP 3610 F-GE-GT	1104D-44TA,68kW,Tier 3	/	-	MS299
VP 36110 F-GE-GT	1104D-44TA,75kW,Euro 3	/	-	MS299
VP 36120 F-GE-GT	1104D-44TA,81kW,Tier 3	/	-	MS299
VP 3670 F-GE	1103D-33TA,50kW	/	-	MS299
VP 3680 F-GE-GT	1104D-44T,54kW,Tier 3	/	-	MS299
VP 3685 F-GE	1103D-33TA,58kW	/	-	MS299
VP 3690 F-GE-GT	1104D-44T,61kW,Tier 3	/	-	MS299
VP 96105 ARR	3L,74kW,Cummins QSB3	/	-	MS27
				MS641
	3L,Cummins QSB3	/	-	MS27
				MS641

VERMEER

LOGGERS

BC1230A	1004.40T	/	-	MS486
			01/87 -	MS486
BC1250	4.236	/	-	MS486
	4236	/	-	MS486
BC1250A	1004.40T	/	-	MS486
BC1600A	4.236	/	01/86 - 12/92	MS486
	4236	/	-	MS486
BC1800A	1004.40T	/	-	MS486
LM42	F3L1011F	/	-	MS30
			08/70 - 10/74	MS30
SC1102	4.236	/	-	MS486
	4236	/	-	MS486
SC672A	BF4L1011	/	-	MS30
SC752	BF4L1011	/	-	MS30
			11/71 - 06/74	MS30
V3550	F3L1011F	/	-	MS30
			11/71 - 06/76	MS30
V3550A	F3L1011F	/	-	MS30
			11/71 - 06/74	MS30
V4150	F3L1011F	/	02/66 - 12/70	MS446
V4150A	F3L1011F	/	10/87 -	MS446
V5750	F4L1011F	/	-	MS30
			01/66 - 12/70	MS30

VERSATILE

FARM EQUIPMENT

756	Cummins 6-855	/	01/86 - 01/87	MS61
836	Cummins 6-611	/	01/85 - 01/87	MS61
846	Cummins L-10	/	01/87 - 01/93	MS61
856	Cummins 6-611	/	01/85 - 01/87	MS61
876	Cummins 6-611	/	01/85 - 01/93	MS61
936	Cummins NT-855	/	01/85 - 01/88	MS61
946	Cummins NT-855	/	01/85 - 01/93	MS61

VOLVO

LOADERS

L30B	BF4L1011FT	/	-	MS27
				MS641

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
VOLVO BM				
FARM EQUIPMENT				
T25A	D120	/	-	MS320
T30-69	D120	/	-	MS320
T30-70	D120	/	-	MS320
T30A	D120	/	-	MS320
T30A80/AT	D120	/	-	MS320
T45A	D130	/	-	MS320
LOADERS				
4400	D60A	/	-	MS319
	TD60B	/	-	MS499
				MS713
4500	VOLVO TD 70 H	/	-	MS499
				MS713
4600	TD100A	/	-	MS526
				MS670
A20	TD71G	/	-	MS564
				MS674
D45		/	-	MS319
DR5350		/	-	MS325
DR631		/	-	MS512
DR860	D50A	/	-	MS482
DR860T	TD50B	/	-	MS482
DS630		/	-	MS512
GM612		/	-	MS512
				MS695
L 120	VOLVO TD 71 G	/	-	MS487
				MS700
L160		/	-	MS528
L25B	D3DC BE1	/	-	MS27
				MS641
	D3DC BE2	/	-	MS27
				MS641
L90	TD61GL	/	-	MS564
				MS674
LM 620	1113/1113 A	/	-	MS695
LM 640	1113/1113 A	/	-	MS695
LM1240		/	-	MS265
				MS325
	D70B	/	-	MS536
LM1640	TD100A	/	-	MS553
				MS700
LM1641	TD100A	/	-	MS553
				MS700
LM218		/	-	MS516
				MS700
LM218/TD	1113	/	-	MS280
LM4600	TD100A	/	-	MS526
				MS670
LM621	TD100A	/	-	MS319
LM641	D42A	/	-	MS319
LM840	D50A	/	-	MS482
LM841	D50B,D60A	/	-	MS319
LM845	D50B	/	-	MS319
LM846		/	-	MS319
LOGGERS				
S950	D50A	/	05/80 - 12/87	MS578
				MS695
SM 668	1113 A	/	-	MS695
SM660/1/5/7		/	-	MS512
SM868	D50B	/	07/82 - 12/87	MS482
				MS553
				MS700
	D50B,TD50B	/	07/82 - 12/87	MS322
				MS700
SM880	D50B,TD50B	/	09/82 - 12/87	MS322
				MS700

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
	TD50B	/	08/78 - 08/82	MS553
				MS700
SM980	TD50B	/	08/78 - 12/79	MS322
				MS553
				MS700

TRACTORS

2650	TD60B	/	05/79 - 06/82	MS322
2654	TD60B	/	05/79 - 06/82	MS322
BM 2200	Perkins 4.236	/	-	MS385
BM 2204	Perkins 4.236	/	-	MS385
BM 2250	Perkins 4.236	/	-	MS385
BM 2254	Perkins 4.236	/	-	MS385
BM 350	BOXER	/	-	MS695
BM 500	Perkins 4.236	/	-	MS385
BM 600		/	-	MS695
BM 700		/	-	MS695
BM 840		/	-	MS695
T 350		/	-	MS512
T430		/	-	MS353
T650	D42A	/	06/80 - 06/82	MS322
T700	TD42	/	06/76 - 06/82	MS322
T800	D50A	/	01/67 - 12/75	MS578
				MS695
T810	TD50A	/	03/69 - 12/75	MS578
				MS695
T814	TD50A	/	03/69 - 06/79	MS578
				MS695
T861	TD60B	/	09/79 - 07/86	MS322
TRACTORS		/	-	MS458
				MS557

VLADIMIRSKY TRACTORS

FARM EQUIPMENT

2027	D120	/	-	MS320
				MS628
2032/A	D120	/	-	MS320
				MS628
2032-10	D120	/	-	MS320
				MS628
2048A	D130	/	-	MS320
				MS628
55 /55 A/55 AH	D-144	/	-	MS628
60 /60 A/60 AH	D-144	/	-	MS628
AGROMASH 30TK	D-120	/	-	MS628
AGROMASH 50TK	D-130	/	-	MS628
AGROMASH 60TK	D-130	/	-	MS628
T25 A	D-120	/	-	MS628
T25 PV	D-120	/	-	MS628
T30 A	D-120	/	-	MS628
T30 A80/AT	D-120	/	-	MS628
T30-69	D-120	/	-	MS628
T30-70	D-120	/	-	MS628
T45 A	D-130	/	-	MS628

WACKER NEUSON

LOADERS

10001	4-cyl,65kW,D2011T,Tier 3	/	05/80 - 12/87	MS27
				MS641
	D2011T	/	-	MS27
				MS641
1101 C	4-cyl,63kW,D2011,Tier 3	/	05/80 - 12/87	MS27
				MS641
	D2011	/	-	MS27
				MS641
1101 CP	4-cyl,63kW,D2011,Tier 3	/	05/80 - 12/87	MS27
				MS641
	D2011	/	-	MS27

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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WACKER NEUSON (continued)

6001	4-cyl,65kW,D2011T,Tier 3	/	01/74 - 07/78	MS641 MS27
	D2011T	/	-	MS641 MS27
9001	4-cyl,65kW,D2011T,Tier 3	/	01/74 - 07/78	MS641 MS27
	D2011T	/	-	MS641 MS27
901 S	4-cyl,63kW,D2011,Tier 3	/	08/78 - 12/79	MS641 MS27
	D2011	/	-	MS641 MS27
901 SP	4-cyl,63kW,D2011,Tier 3	/	08/78 - 12/79	MS641 MS27
	D2011	/	-	MS641 MS27

WHEEL LOADERS

WL 18	3-cyl,403 D-11	/	-	MS86
WL 25	25kW,4-cyl,404 D-15	/	-	MS86
WL 30	36kW,4-cyl,404 D-22	/	-	MS86
WL 36	36kW,4-cyl,404 D-22	/	-	MS86
WL 37	4-cyl,55kW,TD2011 L04W	/	-	MS211
WL 48	4-cyl,45kW,TD2011 L04W	/	-	MS27
	TD2011 L04W	/	-	MS641 MS27
WL 50	4-cyl,TD2012 L04W	/	-	MS641 MS65
WL 55	4-cyl,TD2012 L04W	/	-	MS446
WL 57	1104D-44T,4-cyl,5kW,74	/	-	MS289

WACO

FARM EQUIPMENT

6055	1000.4W	/	01/94 - 12/97	MS58
6065	1000.4W	/	01/92 - 12/96	MS58
6065C	1000.4WVT	/	01/92 - 12/96	MS58
6075	1000.4W	/	01/92 - 12/96	MS58
6075C	1000.4W	/	01/92 - 12/96	MS58

WEATHERHILL

LOADERS

S3/1	/	/	-	MS346
S3/2	/	/	-	MS346
S3/3	/	/	-	MS346

WEIDEMANN

TELEHANDLER

T6025 CC70	4-cyl,50kW,TD2009 L04	/	01/69 -	MS74 MS74 OF
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WHEEL LOADERS

1140	18,3-cyl,403 D-11,5kW	/	-	MS86
1160	23,3-cyl,403 D-15,4kW	/	-	MS86
1160 STANDRAD	18,3-cyl,403 D-11,5kW	/	-	MS86
1240 CX35 LP	24,3-cyl,403 D-15,4kW	/	-	MS86
1260	25kW,4-cyl,404 D-15	/	-	MS86
1280	25kW,4-cyl,404 D-15	/	-	MS86
1350 CX45	31,4-cyl,404 D-22,4kW	/	-	MS86
1350 CX45 CAB	31,4-cyl,404 D-22,4kW	/	-	MS86
1370 CX50	36kW,4-cyl,404 D-22	/	-	MS86
1370 CX50 CAB	36kW,4-cyl,404 D-22	/	-	MS86
1770 CX50	36kW,4-cyl,404 D-22	/	-	MS86
1770 CX50 CAB	36kW,4-cyl,404 D-22	/	-	MS86

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
2070 CX50	38kW,4-cyl,404 D-22	/	09/10 -	MS86
2070 CX50 LP	38kW,4-cyl,404 D-22	/	06/10 -	MS86
2070 CX50 LP T	36kW,4-cyl,404 D-22	/	-	MS86
2070 CX50 T	36kW,4-cyl,404 D-22	/	-	MS86
2070 CX80	4-cyl,55kW,TD2011 L04W	/	01/02 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
2070 CX80 LP	TD2011 L04W	/	- 12/77	MS27
				MS641
2070 CX80 LP T	4-cyl,55kW,TD2011 L04W	/	-	MS641
				MS67
	TD2011 L04W	/	-	MS641
				MS67
2070 CX80 T	4-cyl,55kW,TD2011 L04W	/	-	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX60	TD2011 L04W	/	- 12/74	MS27
				MS641
3070 CX60 LP	4-cyl,55kW,TD2011 L04W	/	-	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX60 LP T	4-cyl,45kW,TD2011 L04W	/	07/10 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX60 T	4-cyl,45kW,TD2011 L04W	/	05/03 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX80	4-cyl,55kW,TD2011 L04W	/	09/10 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX80 LP	4-cyl,55kW,TD2011 L04W	/	-	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX80 LP T	4-cyl,55kW,TD2011 L04W	/	02/03 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
3070 CX80 T	4-cyl,55kW,TD2011 L04W	/	05/03 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
4070 CX80	4-cyl,55kW,TD2011 L04W	/	05/71 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
4070 CX80 LP	4-cyl,55kW,TD2011 L04W	/	02/73 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
4070 CX80 T	4-cyl,55kW,TD2011 L04W	/	09/72 -	MS27
				MS641
	TD2011 L04W	/	-	MS27
				MS641
8080 CX120	4-cyl,88kW,TD2012 L04-2V	/	-	MS69

WHITE

FARM EQUIPMENT

100	Cummins 6-359	/	01/88 - 01/90	MS148
120	Cummins 6-359	/	01/88 - 01/90	MS148
125	Cummins 6-359	/	01/91 - 01/92	MS148
140	Cummins 6-359	/	01/88 - 01/92	MS148
2-50	FIAT engine	/	01/76 - 01/80	MS195

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
WHITE (continued)				
2-60	4-211	/	01/76 - 01/84	MS388
60	Cummins 4-239	/	01/89 - 01/91	MS148
6085	1000.4W	/	01/92 - 12/96	MS58
6085C	1000.4WT	/	01/92 - 12/96	MS58
6105	1000.6W	/	01/92 - 12/96	MS58
80	Cummins 4-239	/	01/89 - 01/91	MS148

WILLMAR

FARM EQUIPMENT

EAGLE 8100	Cummins	/	01/97 -	MS148
RANGER 7200	6BTA5.9L Cummins	/	01/97 -	MS148
RANGER 7400	6BTA5.9L Cummins	/	01/97 -	MS148
XPLORER 6200	4045T	/	01/02 -	MS293
XPLORER 6400	4045T	/	01/02 -	MS293

WIRTGEN

SPECIAL EQUIPMENT

SP 15	4-cyl,92kW,TCD2012 L04-2V	/	-	MS613
	TCD2012 L04-2V	/	-	MS66
				MS613
				MS66
SP 15I	1 L4,95kW,TCD4,Tier 4	/	-	MS70
SP 25	118kW,6-cyl,TCD2012 L06-2V	/	-	MS613
				MS66
	TCD2012 L06-2V	/	-	MS613
				MS66
SP 25I	1 L4,115kW,TCD4,Tier 4	/	-	MS70
SP 500	130kW,6-cyl,TCD 2012 L06-2V	/	-	MS70
SP 500/500VARIO	130kW,6-cyl,BF6M2012	/	-	MS613
				MS66
	BF6M2012	/	-	MS613
				MS66
SP 81	155kW,6-cyl,TCD 2012 L06-2V	/	-	MS66
SP 81I	1 L6,160kW,TCD 6,Tier 4	/	-	MS70
SP 82	155kW,6-cyl,TCD 2012 L06-2V	/	-	MS66
SP 82I	1 L6,160kW,TCD6,Tier 4	/	-	MS70
SP 84	155kW,6-cyl,TCD2012 L06-2V	/	-	MS66
SP 84I	1 L6,160kW,TCD6,Tier 4	/	-	MS70
TCM 1800	41kW,D2011 L04i	/	-	MS68
TCM 950	41kW,D2011 L04i	/	-	MS68

SPECIALLY VEHICLES

SF 2600I	0V6,273kW,TCD12,Tier 4	/	-	MS63
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XTZ (HARKOVSKY TRACTORS)

FARM EQUIPMENT

2511	D120	/	-	MS320
				MS628

ZETOR

TRACTORS

100	3B,4-cyl,96HP,Zetor 1006	/	-	MS34
	4-cyl,96HPEu.3A,Zetor 1006	/	-	MS34
100 PLUS	4-cyl,96HPE.3B,Zetor 1006	/	-	MS34
100 POWER	4-cyl,96HPEu.3A,Zetor 1005	/	-	MS34
	4-cyl,96HPEu.3A,Zetor 1006	/	-	MS34
10011		/	-	MS309
10045		/	-	MS309
10111	Z8002.134	/	-	MS309
10145	Z8002.134	/	-	MS309
10211	Z8002.1234	/	-	MS309
10245	Z8002.1234	/	-	MS309

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
1045		/	-	MS476
105	107HP3A,4-cyl,Zetor 1305	/	-	MS34
10520		/	-	MS281
10540		/	-	MS281
	1301/75kW	/	01/91 -	MS34
10541		/	-	MS34
10641		/	-	MS281
	Z 1303/76kW	/	-	MS34
110	107HP3B,4-cyl,Zetor 1306	/	-	MS34
110 PLUS	117HP3B,4-cyl,Zetor 1406	/	-	MS34
110 POWER	107HP4-cyl,E.3A,Zetor 1305	/	-	MS34
	107HP4-cyl,E.3B,Zetor 1306	/	-	MS34
11211	Z8701.13	/	-	MS476
11245	Z8701.13	/	-	MS476
115	117HP3A,4-cyl,Zetor 1405	/	-	MS34
120	117HP3B,4-cyl,Zetor 1406	/	-	MS34
120 POWER	117HP4-cyl,E.3A,Zetor 1405	/	-	MS34
	117HP4-cyl,E.3B,Zetor 1406	/	-	MS34
12045	Z8601	/	-	MS476
12111	Z8701.1	/	-	MS476
12145	Z8701.1	/	-	MS476
12211	Z8701.12	/	-	MS476
12245	8701.12	/	01/91 - 12/92	MS476
	Z8701.12	/	-	MS476
12345 ZTS-4	Z8703	/	-	MS476
125	130HP3A,4-cyl,Zetor 1505	/	-	MS34
130	130HP3B,4-cyl,Zetor 1506	/	-	MS34
135	136HP3A,4-cyl,Zetor 1605	/	-	MS34
14.441	129HP4-cyl,Zetor	/	01/07 - 12/09	MS34
140	136HP3B,4-cyl,Zetor 1606	/	-	MS34
14245	Z8602.13	/	-	MS476
14345 ZTS-4	Z8604	/	-	MS476
16045		/	-	MS476
16145	Z8602.1	/	-	MS476
16245	Z8602.12	/	-	MS476
16345 ZTS-4	Z8604	/	-	MS476
18345 ZTS-4	Z8604.020IC	/	-	MS476
3011	Z3001	/	-	MS184
3045	Z3001	/	-	MS184
3320	Z5201/33kW	/	01/92 -	MS184
				MS235
3321	Z5201/33kW	/	01/92 -	MS184
				MS235
3340	Z5201/33kW	/	01/92 -	MS184
				MS235
3341	Z3001/33kW	/	01/94 -	MS184
				MS235
3511	Z3001/33kW	/	01/94 -	MS184
				MS235
3513	Z3001	/	-	MS184
				MS235
3520	7201	/	01/95 -	MS235
3540	7201	/	01/95 -	MS235
3545	Z3001/33kW	/	01/94 -	MS184
				MS235
4320	Z6201/Z6202	/	01/92 -	MS184
				MS235
4321	Z6201/Z6202	/	01/92 -	MS184
				MS235
4340	Z6201/Z6202	/	01/92 -	MS184
				MS235
4341 SUPER	6202/44kW	/	01/97 -	MS184
				MS235
4511	Z4001	/	-	MS184
				MS235
4611	Z4001	/	-	MS184
				MS235
4712	Z4701/45kW	/	01/74 - 12/77	MS235
				MS91
4718	Z4701/45kW	/	01/74 - 12/77	MS184

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
ZETOR (continued)				
4911	Z4901/34kW	/	01/76 - 12/80	MS235 MS184
5011	Z5001/34kW	/	01/80 - 12/84	MS235 MS184 MS235
5211	Z5001/34kW	/	01/84 - 12/90	MS184 MS235
5213		/	-	MS235
5243		/	-	MS235
5245		/	-	MS175 MS235
	Z5201/33kW	/	01/84 - 12/90	MS184
5320	Z7201/47kW	/	01/92 -	MS184 MS235
5321	7202/47kW	/	01/97 -	MS184 MS235
5340	Z7201/47kW	/	01/92 -	MS184 MS235
5341	7202/47kW	/	01/97 -	MS184 MS235
5511	Z5501	/	-	MS184 MS235
5516	Z5501	/	-	MS184 MS235
5545	Z5501	/	-	MS184 MS235
5611	Z5501	/	-	MS184 MS235
5645	Z5501	/	-	MS184 MS235
5647	Z5501	/	-	MS184 MS235
5711	Z5501/55kW	/	01/74 - 12/77	MS184 MS235
5718	Z5501/55kW	/	01/74 - 12/77	MS184 MS235
5745	Z5501	/	-	MS184 MS235
5748	Z5501	/	-	MS184 MS235
5911	Z5901/43kW	/	01/78 - 12/80	MS184 MS235
5945	Z5901/43kW	/	01/78 - 12/80	MS184 MS235
6011	Z6001/43kW	/	01/80 - 12/84	MS184 MS235
6045	Z6001/43kW	/	01/80 - 12/84	MS184 MS235
6211	Z6201/42kW	/	01/84 - 12/90	MS184 MS235
6212	Z6201/42kW	/	01/84 - 12/90	MS184 MS235
6245	Z6201/42kW	/	01/84 - 12/90	MS184 MS235
6320	Z7701/50kW	/	01/92 -	MS184 MS235
6321	Z7702/51kW	/	01/77 -	MS184 MS235
6340	Z7701/50kW	/	01/92 -	MS184 MS235
6341	Z7702/51kW	/	01/77 -	MS184 MS235
6511		/	-	MS184 MS235
6518		/	-	MS184 MS235
6522		/	-	MS184

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
6711	Z6701/61kW	/	01/74 - 12/77	MS235
				MS184
6718	Z6701/61kW	/	01/74 - 12/77	MS235
				MS184
6745	Z6701/61kW	/	01/74 - 12/77	MS235
				MS184
6748	Z6701/61kW	/	01/74 - 12/77	MS235
				MS184
6911	Z6901/48kW	/	01/78 - 12/80	MS235
				MS184
6918	Z6901/48kW	/	01/78 - 12/80	MS235
				MS184
6945	Z6901/48kW	/	01/78 - 12/80	MS235
				MS184
70	4-cyl,65HP,EU.3A,Zetor 7205	/	-	MS34
7011	Z7001/48kW	/	01/80 - 12/84	MS184
				MS235
7045	Z7001/48kW	/	01/80 - 12/84	MS184
				MS235
7211	Z7201/47kW	/	01/84 - 12/90	MS184
				MS235
7245	Z7201/47kW	/	01/84 - 12/90	MS184
				MS235
7321	Z7302/58kW	/	01/97 -	MS184
				MS235
7340	Z7301/57kW	/	01/92 -	MS184
				MS235
7341	Z7302/58kW	/	01/97 -	MS184
				MS235
7520	7801/52kW	/	01/91 -	MS235
				MS34
7540	7801/52kW	/	01/91 -	MS235
				MS281
7711	Z7701/50kW	/	01/86 - 12/90	MS34
				MS184
7745	Z7701/50kW	/	01/86 - 12/90	MS235
				MS184
80	4-cyl,75HP,EU.3A,Zetor 1105	/	-	MS34
				MS34
8011	4-cyl,76HP,EU.3A,Zetor 1105	/	-	MS309
8045		/	-	MS309
8111	Z8401.1/Z8401.134	/	-	MS309
8145	Z8401.1/Z8401.134	/	-	MS309
8211	Z8401.1234	/	-	MS309
8245	Z8401.1234	/	-	MS309
8520	1201/60kW	/	01/91 -	MS34
8540	1201/60kW	/	-	MS281
			01/91 -	MS34
8621		/	-	MS34
8641	Z 1203/60kW	/	-	MS281
			MS34	
90	4-cyl,88HP,EU.3A,Zetor 1206	/	-	MS34
90 PLUS	4-cyl,88HP,EU.3B,Zetor 1206	/	-	MS34
90 POWER	4-cyl,88HP,EU.3A,Zetor 1205	/	-	MS34
				MS34
9211	Z8002.1334	/	-	MS309
				MS309
9245	Z8002.1334	/	-	MS309
95	3A,4-cyl,96HP,Zetor 1005	/	-	MS34
9520	1001/68kW	/	-	MS281
			01/91 -	MS34
9540	1001/68kW	/	-	MS281
			01/91 -	MS34
9641	Z 1003/68kW	/	-	MS281
			MS34	
HD 130	127HP,3B,4-cyl,Zetor 1506	/	-	MS34
HD 140	136HP,3B,4-cyl,Zetor 1606	/	-	MS34

Starter Motor Application Guide

VEHICLE	ENGINE	KW/HP	MODEL YEAR	STARTER MOTOR
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ZETOR (continued)

HD 150	147HR3B,4-cyl,Zetor 1716	/	-	MS34
HSX 100	4-cyl,96HREu.3B,Zetor 1006	/	-	MS34
HSX 110	107HR4-cyl,E.3B,Zetor 1306	/	-	MS34
HSX 120	117HR4-cyl,E.3B,Zetor 1406	/	-	MS34
HSX 130	130HR4-cyl,E.3B,Zetor 1506	/	-	MS34
HSX 140	136HR4-cyl,E.3B,Zetor 1606	/	-	MS34

ZETTELMAYER

LOADERS

KL 20	KHD-F6L912	/	-	MS386
L 1500	KHD-F6L514F	/	-	MS491
				MS706

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
0001101110	BOSCH	MS68	0001354107	BOSCH	MS170	0001362022	BOSCH	MS300
0001107024	BOSCH	MS359	0001358020	BOSCH	MS58	0001362023	BOSCH	MS274
0001109029	BOSCH	MS252	0001358027	BOSCH	MS137	0001362025	BOSCH	MS351
0001109035	BOSCH	MS86	0001358046	BOSCH	MS277	0001362032	BOSCH	MS388
0001109330	BOSCH	MS221	0001358049	BOSCH	MS277	0001362034	BOSCH	MS277
0001109331	BOSCH	MS221	0001358051	BOSCH	MS58	0001362035	BOSCH	MS300
0001109370	BOSCH	MS30	0001359001	BOSCH	MS309	0001362036	BOSCH	MS274
0001110018	BOSCH	MS252	0001359004	BOSCH	MS58	0001362039	BOSCH	MS388
0001110033	BOSCH	MS252	0001359007	BOSCH	MS137	0001362040	BOSCH	MS190
0001110066	BOSCH	MS304	0001359014	BOSCH	MS272	0001362040	BOSCH	MS313
0001110067	BOSCH	MS304	0001359016	BOSCH	MS312	0001362043	BOSCH	MS351
0001110106	BOSCH	MS304	0001359016	BOSCH	MS89	0001362049	BOSCH	MS267
0001110107	BOSCH	MS304	0001359017	BOSCH	MS194	0001362050	BOSCH	MS391
0001110128	BOSCH	MS304	0001359021	BOSCH	MS195	0001362051	BOSCH	MS193
0001112034	BOSCH	MS359	0001359025	BOSCH	MS339	0001362058	BOSCH	MS392
0001115042	BOSCH	MS252	0001359027	BOSCH	MS220	0001362059	BOSCH	MS393
0001214002	BOSCH	MS252	0001359029	BOSCH	MS486	0001362060	BOSCH	MS51
0001214002	BOSCH	MS359	0001359038	BOSCH	MS354	0001362062	BOSCH	MS187
0001218172	BOSCH	MS30	0001359043	BOSCH	MS193	0001362063	BOSCH	MS272
0001218772	BOSCH	MS30	0001359044	BOSCH	MS322	0001362064	BOSCH	MS276
0001223002	BOSCH	MS30	0001359045	BOSCH	MS152	0001362072	BOSCH	MS336
0001223016	BOSCH	MS27	0001359045	BOSCH	MS170	0001362074	BOSCH	MS390
0001223502	BOSCH	MS430	0001359047	BOSCH	MS184	0001362076	BOSCH	MS313
0001223503	BOSCH	MS78	0001359048	BOSCH	MS309	0001362084	BOSCH	MS149
0001223504	BOSCH	MS78	0001359053	BOSCH	MS309	0001362091	BOSCH	MS277
0001223507	BOSCH	MS24	0001359058	BOSCH	MS486	0001362102	BOSCH	MS335
0001230002	BOSCH	MS416	0001359060	BOSCH	MS137	0001362105	BOSCH	MS388
0001230005	BOSCH	MS89	0001359062	BOSCH	MS194	0001362105	BOSCH	MS78
0001230006	BOSCH	MS446	0001359071	BOSCH	MS366	0001362300	BOSCH	MS272
0001230006	BOSCH	MS65	0001359072	BOSCH	MS353	0001362301	BOSCH	MS276
0001230007	BOSCH	MS79	0001359073	BOSCH	MS220	0001362302	BOSCH	MS486
0001230010	BOSCH	MS79	0001359073	BOSCH	MS277	0001362303	BOSCH	MS137
0001230013	BOSCH	MS67	0001359074	BOSCH	MS272	0001362304	BOSCH	MS137
0001230014	BOSCH	MS446	0001359075	BOSCH	MS276	0001362305	BOSCH	MS277
0001230014	BOSCH	MS65	0001359083	BOSCH	MS354	0001362306	BOSCH	MS351
0001230020	BOSCH	MS168	0001359084	BOSCH	MS193	0001362309	BOSCH	MS332
0001230021	BOSCH	MS168	0001359087	BOSCH	MS322	0001362310	BOSCH	MS152
0001230022	BOSCH	MS138	0001359089	BOSCH	MS322	0001362310	BOSCH	MS170
0001230023	BOSCH	MS79	0001359090	BOSCH	MS312	0001362311	BOSCH	MS277
0001231005	BOSCH	MS232	0001359090	BOSCH	MS89	0001362312	BOSCH	MS334
0001231005	BOSCH	MS66	0001359091	BOSCH	MS192	0001362312	BOSCH	MS89
0001231007	BOSCH	MS439	0001359099	BOSCH	MS309	0001362313	BOSCH	MS277
0001231018	BOSCH	MS68	0001359100	BOSCH	MS280	0001362314	BOSCH	MS351
0001231019	BOSCH	MS439	0001359102	BOSCH	MS195	0001362316	BOSCH	MS334
0001231028	BOSCH	MS66	0001359108	BOSCH	MS58	0001362316	BOSCH	MS89
0001231030	BOSCH	MS439	0001359111	BOSCH	MS280	0001362319	BOSCH	MS148
0001260025	BOSCH	MS175	0001359113	BOSCH	MS354	0001362321	BOSCH	MS418
0001260026	BOSCH	MS175	0001359114	BOSCH	MS486	0001362324	BOSCH	MS94
0001262002	BOSCH	MS65	0001359122	BOSCH	MS278	0001362700	BOSCH	MS219
0001262020	BOSCH	MS168	0001359124	BOSCH	MS184	0001363101	BOSCH	MS389
0001262021	BOSCH	MS168	0001359124	BOSCH	MS91	0001363111	BOSCH	MS389
0001262022	BOSCH	MS168	0001360003	BOSCH	MS386	0001365004	BOSCH	MS108
0001263008	BOSCH	MS66	0001360007	BOSCH	MS177	0001366003	BOSCH	MS392
0001314011	BOSCH	MS300	0001360010	BOSCH	MS265	0001366004	BOSCH	MS313
0001326331	BOSCH	MS148	0001360012	BOSCH	MS386	0001366009	BOSCH	MS391
0001354007	BOSCH	MS301	0001360015	BOSCH	MS387	0001366013	BOSCH	MS301
0001354008	BOSCH	MS330	0001360023	BOSCH	MS319	0001366014	BOSCH	MS330
0001354010	BOSCH	MS300	0001360027	BOSCH	MS177	0001366015	BOSCH	MS313
0001354067	BOSCH	MS391	0001360035	BOSCH	MS386	0001366029	BOSCH	MS301
0001354073	BOSCH	MS272	0001360036	BOSCH	MS319	0001367000	BOSCH	MS277
0001354074	BOSCH	MS276	0001360038	BOSCH	MS265	0001367001	BOSCH	MS272
0001354080	BOSCH	MS272	0001360043	BOSCH	MS387	0001367003	BOSCH	MS152
0001354088	BOSCH	MS274	0001360061	BOSCH	MS325	0001367003	BOSCH	MS170
0001354088	BOSCH	MS330	0001360063	BOSCH	MS186	0001367004	BOSCH	MS220
0001354089	BOSCH	MS301	0001362011	BOSCH	MS393	0001367005	BOSCH	MS354
0001354090	BOSCH	MS300	0001362016	BOSCH	MS277	0001367007	BOSCH	MS353
0001354091	BOSCH	MS313	0001362017	BOSCH	MS190	0001367008	BOSCH	MS137
0001354097	BOSCH	MS391	0001362017	BOSCH	MS313	0001367009	BOSCH	MS309
0001354099	BOSCH	MS391	0001362018	BOSCH	MS190	0001367010	BOSCH	MS280
0001354107	BOSCH	MS152	0001362021	BOSCH	MS391	0001367011	BOSCH	MS332

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
0001367013	BOSCH	MS58	0001413010	BOSCH	MS391	0120485008	BOSCH	MG512
0001367014	BOSCH	MS192	0001453082	BOSCH	MS349	0120488114	BOSCH	MG626
0001367021	BOSCH	MS194	0120143003	BOSCH	MG438	0120488125	BOSCH	MG279
0001367028	BOSCH	MS195	0120300514	BOSCH	MG124	0120488134	BOSCH	MG597
0001367029	BOSCH	MS278	0120300516	BOSCH	MG438	0120488134	BOSCH	MG604
0001367030	BOSCH	MS366	0120300517	BOSCH	MG438	0120488138	BOSCH	MG604
0001367032	BOSCH	MS184	0120300535	BOSCH	MG438	0120488144	BOSCH	MG209
0001367032	BOSCH	MS91	0120300552	BOSCH	MG124	0120488177	BOSCH	MS391
0001367034	BOSCH	MS193	0120300562	BOSCH	MG438	0120488182	BOSCH	MG222
0001367037	BOSCH	MS312	0120339511	BOSCH	MG438	0120488185	BOSCH	MG209
0001367037	BOSCH	MS89	0120339512	BOSCH	MG438	0120488185	BOSCH	MG626
0001367039	BOSCH	MS280	0120339513	BOSCH	MG438	0120488194	BOSCH	MG258
0001367040	BOSCH	MS294	0120339514	BOSCH	MG124	0120488195	BOSCH	MG258
0001367040	BOSCH	MS345	0120339515	BOSCH	MG123	0120488205	BOSCH	MG279
0001367040	BOSCH	MS395	0120339516	BOSCH	MG123	0120488206	BOSCH	MG84
0001367042	BOSCH	MS152	0120339526	BOSCH	MG371	0120488209	BOSCH	MG209
0001367042	BOSCH	MS170	0120339527	BOSCH	MG123	0120488209	BOSCH	MG626
0001367045	BOSCH	MS322	0120339528	BOSCH	MG123	0120488224	BOSCH	MG260
0001367046	BOSCH	MS322	0120339531	BOSCH	MG124	0120488233	BOSCH	MG604
0001367059	BOSCH	MS193	0120339536	BOSCH	MS517	0120488252	BOSCH	MG369
0001367067	BOSCH	MS184	0120339544	BOSCH	MG438	0120488253	BOSCH	MG369
0001367067	BOSCH	MS91	0120400517	BOSCH	MG183	0120488266	BOSCH	MG369
0001367072	BOSCH	MS271	0120400517	BOSCH	MG319	0120488282	BOSCH	MG158
0001367075	BOSCH	MS264	0120400639	BOSCH	MG604	0120488283	BOSCH	MG554
0001367075	BOSCH	MS89	0120400640	BOSCH	MG627	0120488285	BOSCH	MG279
0001367077	BOSCH	MS358	0120400679	BOSCH	MG604	0120488286	BOSCH	MG241
0001367077	BOSCH	MS416	0120400680	BOSCH	MG604	0120488292	BOSCH	MG203
0001367078	BOSCH	MS264	0120400685	BOSCH	MG203	0120488293	BOSCH	MG279
0001367078	BOSCH	MS89	0120400690	BOSCH	MG260	0120488294	BOSCH	MG84
0001367079	BOSCH	MS148	0120400694	BOSCH	MG260	0120489001	BOSCH	MG222
0001367081	BOSCH	MS416	0120400699	BOSCH	MG658	0120489018	BOSCH	MG191
0001367082	BOSCH	MS195	0120400720	BOSCH	MG183	0120489019	BOSCH	MG258
0001367300	BOSCH	MS193	0120400720	BOSCH	MG319	0120489020	BOSCH	MG258
0001367301	BOSCH	MS193	0120400734	BOSCH	MG260	0120489022	BOSCH	MG604
0001367303	BOSCH	MS193	0120400754	BOSCH	MG368	0120489023	BOSCH	MG260
0001368001	BOSCH	MS386	0120400760	BOSCH	MG260	0120489048	BOSCH	MG426
0001368007	BOSCH	MS386	0120400774	BOSCH	MG658	0120489050	BOSCH	MG427
0001368017	BOSCH	MS325	0120400775	BOSCH	MG438	0120489074	BOSCH	MG426
0001368019	BOSCH	MS387	0120400789	BOSCH	MG604	0120489076	BOSCH	MG187
0001368020	BOSCH	MS186	0120400790	BOSCH	MG627	0120489082	BOSCH	MG427
0001368021	BOSCH	MS177	0120400791	BOSCH	MG627	0120489084	BOSCH	MG239
0001368026	BOSCH	MS369	0120400799	BOSCH	MG203	0120489086	BOSCH	MG426
0001368030	BOSCH	MS319	0120400805	BOSCH	MG260	0120489087	BOSCH	MG426
0001368037	BOSCH	MS214	0120400877	BOSCH	MG368	0120489088	BOSCH	MG426
0001368039	BOSCH	MS214	0120400878	BOSCH	MG260	0120489090	BOSCH	MG239
0001368040	BOSCH	MS369	0120468028	BOSCH	MG490	0120489091	BOSCH	MG426
0001368051	BOSCH	MS369	0120468055	BOSCH	MS575	0120489092	BOSCH	MG239
0001368056	BOSCH	MS439	0120469523	BOSCH	MG17	0120489093	BOSCH	MG239
0001368063	BOSCH	MS325	0120469549	BOSCH	MG399	0120489095	BOSCH	MG222
0001368074	BOSCH	MS325	0120469569	BOSCH	MG183	0120489096	BOSCH	MG236
0001368301	BOSCH	MS265	0120469569	BOSCH	MG319	0120489097	BOSCH	MG236
0001368310	BOSCH	MS439	0120469634	BOSCH	MG399	0120489098	BOSCH	MG236
0001369001	BOSCH	MS264	0120469679	BOSCH	MG399	0120489099	BOSCH	MG236
0001369001	BOSCH	MS89	0120469686	BOSCH	MG100	0120489103	BOSCH	MG426
0001369005	BOSCH	MS264	0120469763	BOSCH	MG183	0120489104	BOSCH	MG236
0001369005	BOSCH	MS89	0120469763	BOSCH	MG319	0120489105	BOSCH	MG236
0001369007	BOSCH	MS271	0120469890	BOSCH	MG399	0120489106	BOSCH	MG156
0001369014	BOSCH	MS308	0120469959	BOSCH	MG183	0120489107	BOSCH	MG156
0001369015	BOSCH	MS357	0120469959	BOSCH	MG319	0120489126	BOSCH	MG535
0001369016	BOSCH	MS352	0120469982	BOSCH	MG100	0120489127	BOSCH	MG535
0001369017	BOSCH	MS339	0120484001	BOSCH	MG314	0120489132	BOSCH	MG258
0001369018	BOSCH	MS355	0120484011	BOSCH	MG233	0120489133	BOSCH	MG258
0001369019	BOSCH	MS271	0120484015	BOSCH	MG597	0120489134	BOSCH	MG258
0001369022	BOSCH	MS264	0120484018	BOSCH	MG13	0120489135	BOSCH	MG258
0001369022	BOSCH	MS89	0120484021	BOSCH	MG597	0120489145	BOSCH	MG191
0001369023	BOSCH	MS357	0120484026	BOSCH	MG13	0120489146	BOSCH	MG156
0001369024	BOSCH	MS308	0120484027	BOSCH	MG477	0120489147	BOSCH	MG156
0001369025	BOSCH	MS271	0120484134	BOSCH	MG604	0120489152	BOSCH	MG515
0001369200	BOSCH	MS268	0120484233	BOSCH	MG604	0120489152	BOSCH	MG521
0001369201	BOSCH	MS268	0120485007	BOSCH	MG512	0120489153	BOSCH	MG521

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
0120489187	BOSCH	MG535	0120489727	BOSCH	MG206	067916T1	AGCO	MS151
0120489188	BOSCH	MG535	0120489728	BOSCH	MG206	070506T1	PRESTOLITE	MG577
0120489192	BOSCH	MG183	0120489730	BOSCH	MG260	0986010980	BOSCH	MS325
0120489192	BOSCH	MG319	0120489738	BOSCH	MG535	0986010990	BOSCH	MS277
0120489212	BOSCH	MG521	0120489739	BOSCH	MG535	0986011020	BOSCH	MS351
0120489214	BOSCH	MG239	0120489740	BOSCH	MG258	0986011021	BOSCH	MS351
0120489219	BOSCH	MG191	0120489741	BOSCH	MG258	0986011060	BOSCH	MS187
0120489219	BOSCH	MG515	0120489746	BOSCH	MG187	0986011061	BOSCH	MS187
0120489219	BOSCH	MG521	0120489756	BOSCH	MG659	0986011130	BOSCH	MS272
0120489260	BOSCH	MG187	0120489757	BOSCH	MG126	0986011140	BOSCH	MS277
0120489261	BOSCH	MG187	0120489761	BOSCH	MG191	0986011160	BOSCH	MS389
0120489292	BOSCH	MG236	0120489762	BOSCH	MG191	0986011161	BOSCH	MS389
0120489304	BOSCH	MG239	0120489763	BOSCH	MG156	0986011180	BOSCH	MS108
0120489309	BOSCH	MG209	0120489770	BOSCH	MG156	0986011200	BOSCH	MS220
0120489315	BOSCH	MG158	0120489792	BOSCH	MG369	0986011210	BOSCH	MS353
0120489338	BOSCH	MG521	0120489793	BOSCH	MG369	0986011220	BOSCH	MS195
0120489345	BOSCH	MG239	0120489794	BOSCH	MG369	0986011221	BOSCH	MS195
0120489346	BOSCH	MG241	0120489795	BOSCH	MG369	0986011240	BOSCH	MS193
0120489347	BOSCH	MG241	0120489803	BOSCH	MG426	0986011250	BOSCH	MS280
0120489364	BOSCH	MG512	0120489804	BOSCH	MG426	0986011270	BOSCH	MS386
0120489365	BOSCH	MG512	0120489805	BOSCH	MG239	0986011310	BOSCH	MS387
0120489369	BOSCH	MG512	0120489806	BOSCH	MG239	0986011311	BOSCH	MS387
0120489370	BOSCH	MG512	0120489838	BOSCH	MG127	0986011330	BOSCH	MS186
0120489384	BOSCH	MG212	0120489839	BOSCH	MG239	0986011331	BOSCH	MS186
0120489387	BOSCH	MG279	0120489840	BOSCH	MG239	0986011340	BOSCH	MS177
0120489402	BOSCH	MG258	0120489841	BOSCH	MG239	0986011341	BOSCH	MS177
0120489410	BOSCH	MG369	0120489842	BOSCH	MG239	0986011370	BOSCH	MS319
0120489412	BOSCH	MG369	0120489843	BOSCH	MG239	0986012420	BOSCH	MS312
0120489456	BOSCH	MG258	0120489844	BOSCH	MG239	0986012420	BOSCH	MS89
0120489457	BOSCH	MG258	0120489849	BOSCH	MG236	0986012670	BOSCH	MS388
0120489475	BOSCH	MG279	0120489850	BOSCH	MG236	0986012671	BOSCH	MS388
0120489481	BOSCH	MG84	0120489861	BOSCH	MG187	0986012680	BOSCH	MS276
0120489499	BOSCH	MG512	0120489862	BOSCH	MG187	0986012710	BOSCH	MS58
0120489508	BOSCH	MG239	0120489896	BOSCH	MG426	0986012720	BOSCH	MS278
0120489510	BOSCH	MG239	0120489920	BOSCH	MG258	0986013480	BOSCH	MS193
0120489511	BOSCH	MG239	0120489921	BOSCH	MG258	0986013680	BOSCH	MS277
0120489522	BOSCH	MG426	0120489937	BOSCH	MG427	0986013690	BOSCH	MS184
0120489533	BOSCH	MG228	0120489938	BOSCH	MG427	0986013690	BOSCH	MS91
0120489534	BOSCH	MG228	0120489940	BOSCH	MG426	0986013691	BOSCH	MS184
0120489557	BOSCH	MG187	0120489964	BOSCH	MG187	0986013691	BOSCH	MS91
0120489558	BOSCH	MG187	0120489965	BOSCH	MG187	0986013700	BOSCH	MS214
0120489559	BOSCH	MG187	0123315501	BOSCH	MG329	0986013701	BOSCH	MS214
0120489560	BOSCH	MG187	0123510060	BOSCH	MG3	0986013770	BOSCH	MS369
0120489561	BOSCH	MG239	0123510074	BOSCH	MG3	0986014730	BOSCH	MS334
0120489562	BOSCH	MG239	0123512502	BOSCH	MG3	0986014730	BOSCH	MS89
0120489567	BOSCH	MG427	0123515500	BOSCH	MG52	0986014740	BOSCH	MS264
0120489568	BOSCH	MG236	0123515501	BOSCH	MG52	0986014740	BOSCH	MS89
0120489568	BOSCH	MG427	0123515503	BOSCH	MG3	0986014850	BOSCH	MS322
0120489592	BOSCH	MG427	0123520006	BOSCH	MG570	0986015040	BOSCH	MS152
0120489593	BOSCH	MG427	0123520012	BOSCH	MG570	0986015040	BOSCH	MS170
0120489594	BOSCH	MG426	0123520013	BOSCH	MG570	0986015420	BOSCH	MS219
0120489595	BOSCH	MG426	0123520015	BOSCH	MG3	0986016200	BOSCH	MS393
0120489612	BOSCH	MG369	0123520030	BOSCH	MG3	0986016240	BOSCH	MS304
0120489617	BOSCH	MG426	0124615041	BOSCH	MG52	0986016248	BOSCH	MS304
0120489638	BOSCH	MG369	0191-1983	ONAN (USA)	MG279	0986016550	BOSCH	MS308
0120489666	BOSCH	MG426	0191-2212	ONAN (USA)	MS101	0986017280	BOSCH	MS352
0120489667	BOSCH	MG426	0191-2326	ONAN (USA)	MG279	0986017290	BOSCH	MS355
0120489672	BOSCH	MG258	02-23-1013	NIKKO	MS242	0986017310	BOSCH	MS313
0120489673	BOSCH	MG258	028000-5880	DENSO	MS148	0986017430	BOSCH	MS30
0120489700	BOSCH	MG236	028000-5881	DENSO	MS148	0986017510	BOSCH	MS357
0120489702	BOSCH	MG183	028000-5882	DENSO	MS148	0986017870	BOSCH	MS439
0120489702	BOSCH	MG319	028000-5883	DENSO	MS148	0986017970	BOSCH	MS137
0120489705	BOSCH	MG239	028000-5884	DENSO	MS148	0986018070	BOSCH	MS252
0120489706	BOSCH	MG239	028000-7430	DENSO	MS117	0986018110	BOSCH	MS359
0120489707	BOSCH	MG627	028000-7431	DENSO	MS117	0986018151	BOSCH	MS347
0120489710	BOSCH	MG604	028000-8400	DENSO	MS293	0986018161	BOSCH	MS243
0120489711	BOSCH	MG604	028000-8401	DENSO	MS293	0986018290	BOSCH	MS30
0120489723	BOSCH	MG126	028000-8402	DENSO	MS293	0986018980	BOSCH	MS79
0120489724	BOSCH	MG126	028000-8403	DENSO	MS293	0986018990	BOSCH	MS439
0120489725	BOSCH	MG126	028000-8404	DENSO	MS293	0986019020	BOSCH	MS446

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
0986019020	BOSCH	MS65	0986033330	BOSCH	MG260	10461447	DELCO REMY	MS486
0986019820	BOSCH	MS27	0986033540	BOSCH	MG260	10461450	DELCO REMY	MS594
0986020051	BOSCH	MS418	0986033840	BOSCH	MG17	10461451	DELCO REMY	MS594
0986021000	BOSCH	MS66	0986033841	BOSCH	MG17	10461468	DELCO REMY	MS242
0986022520	BOSCH	MS430	0986033850	BOSCH	MG236	10461471	DELCO REMY	MS293
0986022550	BOSCH	MS78	0986033880	BOSCH	MG191	10461473	DELCO REMY	MS293
0986022750	BOSCH	MS346	0986033881	BOSCH	MG191	10461482	DELCO REMY	MS293
0986023190	BOSCH	MS395	0986033890	BOSCH	MG258	10461483	DELCO REMY	MS152
0986023450	BOSCH	MS242	0986033891	BOSCH	MG258	10461483	DELCO REMY	MS170
0986023990	BOSCH	MS416	0986033980	BOSCH	MG258	10461497	DELCO REMY	MS148
0986024000	BOSCH	MS416	0986033981	BOSCH	MG258	10461607	DELCO REMY	MS152
0986030110	BOSCH	MG438	0986034200	BOSCH	MG239	10461607	DELCO REMY	MS170
0986030120	BOSCH	MG123	0986034230	BOSCH	MG512	10461635	DELCO REMY	MS152
0986030121	BOSCH	MG123	0986034231	BOSCH	MG512	10461635	DELCO REMY	MS170
0986030130	BOSCH	MG124	0986034260	BOSCH	MG158	10461638	DELCO REMY	MS152
0986030140	BOSCH	MG517	0986034400	BOSCH	MG100	10461638	DELCO REMY	MS170
0986030270	BOSCH	MG658	0986034420	BOSCH	MG399	10461645	DELCO REMY	MS101
0986030370	BOSCH	MG426	0986034470	BOSCH	MG241	10461645	DELCO REMY	MS117
0986030400	BOSCH	MG368	0986034500	BOSCH	MG512	10465026	DELCO REMY	MS148
0986030520	BOSCH	MS289	0986034501	BOSCH	MG512	10465043	DELCO REMY	MS148
0986030740	BOSCH	MG187	0986034508	BOSCH	MG512	10465044	DELCO REMY	MS486
0986030741	BOSCH	MG187	0986035630	BOSCH	MG521	10465046	DELCO REMY	MS486
0986030748	BOSCH	MG187	0986035631	BOSCH	MG521	10465049	DELCO REMY	MS594
0986030760	BOSCH	MG426	0986036010	BOSCH	MG239	10465050	DELCO REMY	MS594
0986030761	BOSCH	MG426	0986036020	BOSCH	MG222	10465055	DELCO REMY	MS446
0986030768	BOSCH	MG426	0986036230	BOSCH	MG258	10465055	DELCO REMY	MS65
0986030780	BOSCH	MG427	0986037890	BOSCH	MG626	10465319	DELCO REMY	MS446
0986030788	BOSCH	MG427	0986038050	BOSCH	MG604	10465319	DELCO REMY	MS65
0986030790	BOSCH	MG426	0986039800	BOSCH	MG604	10465399	DELCO REMY	MS148
0986030791	BOSCH	MG426	0986039820	BOSCH	MG597	10465403	DELCO REMY	MS148
0986030798	BOSCH	MG426	0986040280	BOSCH	MG13	10465407	DELCO REMY	MS148
0986030800	BOSCH	MG427	0986040280	BOSCH	MG233	10465537	DELCO REMY	MS101
0986030940	BOSCH	MG535	0986040290	BOSCH	MG279	10479621	DELCO REMY	MS148
0986030941	BOSCH	MG535	0986041520	BOSCH	MG570	10479622	DELCO REMY	MS242
0986030948	BOSCH	MG535	0986041840	BOSCH	MG314	10479628	DELCO REMY	MS293
0986030970	BOSCH	MG156	0986041940	BOSCH	MG369	10479630	DELCO REMY	MS293
0986030971	BOSCH	MG156	0986043130	BOSCH	MG3	1053560	CLAAS	MS193
0986031050	BOSCH	MG426	0986043480	BOSCH	MG490	10590	EFEL	MG123
0986031058	BOSCH	MG426	0986047210	BOSCH	MG52	1072559	AGCO	MS111
0986031070	BOSCH	MG228	1000000406	KRAMER	MS30	1072559	AGCO	MS225
0986031100	BOSCH	MG187	1000046769	KRAMER	MG86	10-763	MOTOROLA	MG187
0986031101	BOSCH	MG187	1000082774	KRAMER	MS446	10910	EFEL	MG156
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0986031111	BOSCH	MG187	1008223	CATERPILLAR	MG241	11035380	RENAULT/CLAAS	MG349
0986031118	BOSCH	MG187	10120160	FORD NEW HOLLAND	MG279	11050550	CLAAS	MS37
0986031250	BOSCH	MG183	10-141945	WHITE	MS94	11050550	RENAULT/CLAAS	MS37
0986031250	BOSCH	MG319	101541002	MERCEDES-BENZ	MG570	1105538	DELCO REMY	MG490
0986031260	BOSCH	MG627	101541502	MERCEDES-BENZ	MG3	110-5551	PRESTOLITE	MG577
0986031270	BOSCH	MG604	101542902	MERCEDES-BENZ	MG570	110-5551JHO	PRESTOLITE	MG577
0986031290	BOSCH	MG126	101548302	MERCEDES-BENZ	MG570	110-656	PRESTOLITE	MG470
0986031300	BOSCH	MG126	102211-8170	DENSO	MG560	1107577	DELCO REMY	MS89
0986031330	BOSCH	MG659	102211-9090	DENSO	MG137	1107599	DELCO REMY	MS89
0986031340	BOSCH	MG369	102211-9090	DENSO	MG274	1107866	DELCO REMY	MS94
0986031350	BOSCH	MG426	102334	VALEO	MG183	1107867	DELCO REMY	MS152
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0986031691	BOSCH	MG372	10430	EFEL	MS220	1109270	DELCO REMY	MS152
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0986033220	BOSCH	MG222	10459547	DELCO REMY	MG490	11130112	ISKRA	MS390
0986033228	BOSCH	MG222	10460	EFEL	MS386	11130117	ISKRA	MS277
0986033230	BOSCH	MG127	10461283	DELCO REMY	MS242	11130123	ISKRA	MS187
0986033250	BOSCH	MG535	10461443	DELCO REMY	MS89	11130124	ISKRA	MS186
0986033251	BOSCH	MG535	10461446	DELCO REMY	MS486	11130127	ISKRA	MS192

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
11130140	ISKRA	MS195	11130629	ISKRA	MS385	11130941	ISKRA	MS440
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11130146	ISKRA	MS389	11130631	ISKRA	MS49	11130977	ISKRA	MS237
11130158	ISKRA	MS476	11130632	ISKRA	MS149	11130993	ISKRA	MS369
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11130198	ISKRA	MS192	11130663	ISKRA	MS365	11131002	ISKRA	MS359
11130199	ISKRA	MS195	11130664	ISKRA	MS271	11131006	ISKRA	MS360
11130200	ISKRA	MS548	11130665	ISKRA	MS418	11131014	ISKRA	MS225
11130201	ISKRA	MS58	11130669	ISKRA	MS351	11131018	ISKRA	MS368
11130203	ISKRA	MS388	11130670	ISKRA	MS353	11131027	ISKRA	MS25
11130207	ISKRA	MS391	11130671	ISKRA	MS332	11131038	ISKRA	MS152
11130216	ISKRA	MS389	11130676	ISKRA	MS360	11131060	ISKRA	MS94
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11130254	ISKRA	MS354	11130704	ISKRA	MS352	11131108	ISKRA	MS430
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11130502	ISKRA	MS390	11130819	ISKRA	MS264	11131267	ISKRA	MS86
11130503	ISKRA	MS391	11130820	ISKRA	MS45	11131279	ISKRA	MS24
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11130510	ISKRA	MS107	11130824	ISKRA	MS349	11131294	ISKRA	MS292
11130520	ISKRA	MS267	11130836	ISKRA	MS175	11131300	ISKRA	MS117
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11130619	ISKRA	MS108	11130936	ISKRA	MS237	11131437	ISKRA	MS212
11130624	ISKRA	MS228	11130937	ISKRA	MS350	11131458	ISKRA	MS27
11130627	ISKRA	MS357	11130940	ISKRA	MS486	11131464	ISKRA	MS138

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11131507	ISKRA	MS151	11131929	ISKRA	MS45	111541002	MERCEDES-BENZ	MG570
11131508	ISKRA	MS111	11131930	ISKRA	MS37	1117252	SCANIA	MG183
11131514	ISKRA	MS66	11131942	ISKRA	MS399	1117252	SCANIA	MG319
11131520	ISKRA	MS138	11131946	ISKRA	MS289	1117898	DELCO REMY	MG490
11131526	ISKRA	MS24	11131947	ISKRA	MS399	1117965	FIAT	MG490
11131532	ISKRA	MS117	11131948	ISKRA	MS27	11201017	ISKRA	MG535
11131533	ISKRA	MS148	11131951	ISKRA	MS30	11201023	ISKRA	MG187
11131535	ISKRA	MS4	11131956	ISKRA	MS399	11201027	ISKRA	MG124
11131542	ISKRA	MS175	11131957	ISKRA	MS34	11201037	ISKRA	MG123
11131550	ISKRA	MS138	11131964	ISKRA	MS289	11201042	ISKRA	MG187
11131556	ISKRA	MS221	11131968	ISKRA	MS175	11201047	ISKRA	MG206
11131563	ISKRA	MS74	11131969	ISKRA	MS151	11201050	ISKRA	MG368
11131570	ISKRA	MS24	11131971	ISKRA	MS24	11201052	ISKRA	MG627
11131573	ISKRA	MS291	11131972	ISKRA	MS138	11201055	ISKRA	MG369
11131574	ISKRA	MS294	11131973	ISKRA	MS111	11201062	ISKRA	MG371
11131603	ISKRA	MS78	11131975	ISKRA	MS4	11201067	ISKRA	MG372
11131604	ISKRA	MS79	11131983	ISKRA	MS27	11201069	ISKRA	MG627
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11131606	ISKRA	MS289	11131989	ISKRA	MS399	11201071	ISKRA	MG43
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11131621	ISKRA	MS66	11132035	ISKRA	MS289	11201102	ISKRA	MG126
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11131855	ISKRA	MS44	1113283	DELCO REMY	MS293	11201480	ISKRA	MG525
11131856	ISKRA	MS43	1113284	DELCO REMY	MS152	11201481	ISKRA	MG526
11131862	ISKRA	MS67	1113284	DELCO REMY	MS170	11201484	ISKRA	MG607
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11131873	ISKRA	MS74	1113291	DELCO REMY	MS242	11201494	ISKRA	MG400
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11131920	ISKRA	MS168	1113594	DELCO REMY	MS242	11201497	ISKRA	MG605
11131921	ISKRA	MS24	11139110	ISKRA	MS476	11201499	ISKRA	MG604

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11201500	ISKRA	MG195	11201884	ISKRA	MG412	11203279	ISKRA	MG28
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11201502	ISKRA	MG282	11201908	ISKRA	MG38	11203298	ISKRA	MG540
11201503	ISKRA	MG283	11201913	ISKRA	MG348	11203301	ISKRA	MG604
11201504	ISKRA	MG283	11201914	ISKRA	MG210	11203302	ISKRA	MG223
11201505	ISKRA	MG207	11201925	ISKRA	MG178	11203321	ISKRA	MG332
11201507	ISKRA	MG517	11201935	ISKRA	MG279	11203322	ISKRA	MG267
11201513	ISKRA	MG478	11201936	ISKRA	MG278	11203331	ISKRA	MG314
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11201524	ISKRA	MG530	11201943	ISKRA	MG385	11203342	ISKRA	MG453
11201555	ISKRA	MG399	11201944	ISKRA	MG46	11203359	ISKRA	MG28
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11201570	ISKRA	MG659	11201952	ISKRA	MG14	11203379	ISKRA	MG330
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11201717	ISKRA	MG86	11203098	ISKRA	MG177	11203521	ISKRA	MG28
11201722	ISKRA	MG158	11203099	ISKRA	MG178	11203523	ISKRA	MG393
11201728	ISKRA	MG415	11203103	ISKRA	MG28	11203542	ISKRA	MG468
11201735	ISKRA	MG432	11203119	ISKRA	MG3	11203551	ISKRA	MG349
11201738	ISKRA	MG435	11203124	ISKRA	MG490	11203564	ISKRA	MG168
11201759	ISKRA	MG84	11203129	ISKRA	MG577	11203565	ISKRA	MG182
11201761	ISKRA	MG547	11203144	ISKRA	MG200	11203566	ISKRA	MG450
11201762	ISKRA	MG548	11203145	ISKRA	MG404	11203570	ISKRA	MG547
11201764	ISKRA	MG235	11203150	ISKRA	MG203	11203571	ISKRA	MG548
11201783	ISKRA	MG437	11203155	ISKRA	MG337	11203576	ISKRA	MG225
11201784	ISKRA	MG438	11203158	ISKRA	MG599	11203590	ISKRA	MG52
11201791	ISKRA	MG344	11203160	ISKRA	MG308	11203621	ISKRA	MG181
11201792	ISKRA	MG312	11203163	ISKRA	MG475	11203623	ISKRA	MG35
11201794	ISKRA	MG52	11203164	ISKRA	MG570	11203641	ISKRA	MG482
11201795	ISKRA	MG473	11203167	ISKRA	MG329	11203655	ISKRA	MG337
11201800	ISKRA	MG359	11203175	ISKRA	MG562	11203656	ISKRA	MG314
11201801	ISKRA	MG319	11203181	ISKRA	MG327	11203667	ISKRA	MG284
11201804	ISKRA	MG605	11203182	ISKRA	MG139	11203707	ISKRA	MG502
11201810	ISKRA	MG212	11203186	ISKRA	MG329	11203714	ISKRA	MG223
11201811	ISKRA	MG216	11203191	ISKRA	MG269	11203719	ISKRA	MG490
11201830	ISKRA	MG108	11203196	ISKRA	MG9	11203720	ISKRA	MG269
11201831	ISKRA	MG109	11203198	ISKRA	MG490	11203725	ISKRA	MG199
11201854	ISKRA	MG385	11203206	ISKRA	MG200	11203726	ISKRA	MG67
11201855	ISKRA	MG46	11203207	ISKRA	MG200	11203730	ISKRA	MG286
11201856	ISKRA	MG230	11203208	ISKRA	MG200	11203734	ISKRA	MG30
11201869	ISKRA	MG482	11203213	ISKRA	MG83	11203735	ISKRA	MG35
11201875	ISKRA	MG13	11203244	ISKRA	MG28	11203738	ISKRA	MG200
11201876	ISKRA	MG402	11203255	ISKRA	MG9	11203739	ISKRA	MG9
11201877	ISKRA	MG403	11203256	ISKRA	MG221	11203740	ISKRA	MG9
11201880	ISKRA	MG388	11203264	ISKRA	MG316	11203741	ISKRA	MG9
11201881	ISKRA	MG407	11203268	ISKRA	MG233	11203742	ISKRA	MG267

Cross References

REF	BRAND	VWA REF	REF	BRAND	VWA REF	REF	BRAND	VWA REF
11203761	ISKRA	MG9	11204319	ISKRA	MG274	1163753	DEUTZ AG (KHD)	MG604
11203767	ISKRA	MG566	11204320	ISKRA	MG137	1163758	DEUTZ AG (KHD)	MS108
11203771	ISKRA	MG480	11204327	ISKRA	MG223	1163758	IVECO	MS108
11203772	ISKRA	MG481	11204352	ISKRA	MG274	1163985	DEUTZ AG (KHD)	MG124
11203790	ISKRA	MG550	11204361	ISKRA	MG490	11640	EFEL	MS220
11203803	ISKRA	MG52	11204363	ISKRA	MG137	1164049	DEUTZ AG (KHD)	MG627
11203811	ISKRA	MG38	11204372	ISKRA	MG478	1164664	DEUTZ AG (KHD)	MG203
11203812	ISKRA	MG74	11204373	ISKRA	MG271	1164668	DEUTZ AG (KHD)	MG277
11203822	ISKRA	MG286	11204374	ISKRA	MG272	1164994	DEUTZ AG (KHD)	MS220
11203824	ISKRA	MG453	11204378	ISKRA	MG627	1164995	DEUTZ AG (KHD)	MS386
11203825	ISKRA	MG30	11204393	ISKRA	MG480	116930A1	CASE	MS148
11203826	ISKRA	MG35	11204394	ISKRA	MG481	1170731	DEUTZ AG (KHD)	MG627
11203828	ISKRA	MG182	11204395	ISKRA	MG482	1171617	DEUTZ AG (KHD)	MG124
11203850	ISKRA	MG502	11204400	ISKRA	MG139	1171638	DEUTZ AG (KHD)	MG604
11203853	ISKRA	MG286	11204401	ISKRA	MG269	1171681	DEUTZ AG (KHD)	MG627
11203860	ISKRA	MG3	11204403	ISKRA	MG610	1171750	DEUTZ AG (KHD)	MS68
11203861	ISKRA	MG570	11204405	ISKRA	MG477	1172068	DEUTZ AG (KHD)	MG260
11203870	ISKRA	MG575	11204409	ISKRA	MG473	1172650	DEUTZ AG (KHD)	MG260
11203882	ISKRA	MG30	11204411	ISKRA	MG475	1172857	DEUTZ AG (KHD)	MG659
11203883	ISKRA	MG35	11204434	ISKRA	MG262	1173240	DEUTZ AG (KHD)	MS220
11203911	ISKRA	MG5	11204443	ISKRA	MG468	1173241	DEUTZ AG (KHD)	MS386
11203932	ISKRA	MG29	11204445	ISKRA	MG52	1174166	DEUTZ AG (KHD)	MS277
11204035	ISKRA	MG312	11204456	ISKRA	MG265	11750	EFEL	MS58
11204036	ISKRA	MG344	11204464	ISKRA	MG262	1175731	DEUTZ AG (KHD)	MG209
11204040	ISKRA	MG337	11204467	ISKRA	MG23	1175886	DEUTZ AG (KHD)	MS277
11204050	ISKRA	MG209	11204479	ISKRA	MG39	1177063	DEUTZ AG (KHD)	MG314
11204052	ISKRA	MG554	11204484	ISKRA	MG223	1177063	IVECO	MG314
11204053	ISKRA	MG203	11204490	ISKRA	MG223	1177327	DEUTZ AG (KHD)	MG111
11204054	ISKRA	MG314	11204525	ISKRA	MG225	1177441	DEUTZ AG (KHD)	MS219
11204060	ISKRA	MG274	11204526	ISKRA	MG52	1177481	DEUTZ AG (KHD)	MG124
11204061	ISKRA	MG137	11204528	ISKRA	MG28	1178026	DEUTZ AG (KHD)	MS277
11204065	ISKRA	MG52	11204529	ISKRA	MG28	1178026	DEUTZ AG (KHD)	MS446
11204067	ISKRA	MG67	11204530	ISKRA	MG28	1178299	DEUTZ AG (KHD)	MG209
11204068	ISKRA	MG29	11204550	ISKRA	MG52	1178521	DEUTZ AG (KHD)	MG209
11204073	ISKRA	MG67	11204581	ISKRA	MG176	1178521	DEUTZ AG (KHD)	MG626
11204098	ISKRA	MG75	11204582	ISKRA	MG177	1178606	DEUTZ AG (KHD)	MG209
11204115	ISKRA	MG74	11204583	ISKRA	MG178	1178607	DEUTZ AG (KHD)	MG314
11204136	ISKRA	MG169	11204669	ISKRA	MG137	1178607	IVECO	MG314
11204138	ISKRA	MG38	11204670	ISKRA	MG168	1178669	DEUTZ AG (KHD)	MG627
11204149	ISKRA	MG3	11204671	ISKRA	MG515	1178670	DEUTZ AG (KHD)	MS219
11204150	ISKRA	MG570	11204685	ISKRA	MG169	1178686	DEUTZ AG (KHD)	MS277
11204159	ISKRA	MG575	11204739	ISKRA	MG124	1178689	DEUTZ AG (KHD)	MG627
11204161	ISKRA	MG577	11204740	ISKRA	MG515	1179318	DEUTZ AG (KHD)	MS308
11204165	ISKRA	MG28	11204741	ISKRA	MG288	1179319	DEUTZ AG (KHD)	MS308
11204172	ISKRA	MG9	11204742	ISKRA	MG314	1179468	DEUTZ AG (KHD)	MG554
11204174	ISKRA	MG30	11209434	ISKRA	MG183	1179755	DEUTZ AG (KHD)	MG111
11204175	ISKRA	MG35	11230240	RENAULT/CLAAS	MS43	1179756	DEUTZ AG (KHD)	MG114
11204187	ISKRA	MG29	1133958R1	CASE	MS352	1179896	DEUTZ AG (KHD)	MG607
11204196	ISKRA	MG265	1134	ELEKTROPRECISIA	MG400	1179897	DEUTZ AG (KHD)	MG111
11204215	ISKRA	MG23	11360	EFEL	MS366	1180180	DEUTZ AG (KHD)	MS30
11204231	ISKRA	MG470	11370	EFEL	MS195	1180588	DEUTZ AG (KHD)	MG203
11204233	ISKRA	MG30	11380	EFEL	MS387	1180640	DEUTZ AG (KHD)	MG111
11204234	ISKRA	MG35	11420	EFEL	MS278	1180648	DEUTZ AG (KHD)	MG111
11204235	ISKRA	MG480	1142566685	AGRIA	MS313	1180649	DEUTZ AG (KHD)	MG607
11204236	ISKRA	MG481	11430	EFEL	MS186	1180650	DEUTZ AG (KHD)	MG111
11204237	ISKRA	MG9	114799A1	CASE	MS271	1180650	DEUTZ AG (KHD)	MG114
11204238	ISKRA	MG269	114800A1	CASE	MS271	1180660	DEUTZ AG (KHD)	MG111
11204239	ISKRA	MG490	11519401	MERCEDES-BENZ	MS193	1180661	DEUTZ AG (KHD)	MG607
11204241	ISKRA	MG267	11520	EFEL	MS265	1180662	DEUTZ AG (KHD)	MG114
11204242	ISKRA	MG52	11574000	LOMBARDINI	MG570	1180758	DEUTZ AG (KHD)	MG3
11204247	ISKRA	MG52	11580	EFEL	MS386	1180805	DEUTZ AG (KHD)	MS308
11204249	ISKRA	MG52	1161074	DEUTZ AG (KHD)	MG203	1180928	DEUTZ AG (KHD)	MS446
11204250	ISKRA	MG468	1161384	DEUTZ AG (KHD)	MS220	1180928	DEUTZ AG (KHD)	MS65
11204252	ISKRA	MG484	1161422	DEUTZ AG (KHD)	MS386	1180995	DEUTZ AG (KHD)	MS30
11204254	ISKRA	MG52	1161235	DEUTZ AG (KHD)	MG627	1180999	DEUTZ AG (KHD)	MS232
11204271	ISKRA	MG52	1162339	DEUTZ AG (KHD)	MG604	1180999	DEUTZ AG (KHD)	MS66
11204276	ISKRA	MG52	1162729	DEUTZ AG (KHD)	MG260	1181250	DEUTZ AG (KHD)	MG597
11204277	ISKRA	MG29	1163170	DEUTZ AG (KHD)	MG260	1181570	DEUTZ AG (KHD)	MS67
11204278	ISKRA	MG475	1163669	DEUTZ AG (KHD)	MS220	1181735	DEUTZ AG (KHD)	MG473
11204280	ISKRA	MG473	1163752	DEUTZ AG (KHD)	MG604	1181739	DEUTZ AG (KHD)	MG312

REF	BRAND	VWA REF	REF	BRAND	VWA REF	REF	BRAND	VWA REF
1181745	DEUTZ AG (KHD)	MG344	12270187	DEUTZ AG (KHD)	MG597	1701054	FAUN	MS193
1181751	DEUTZ AG (KHD)	MS27	12270612	DEUTZ AG (KHD)	MG597	1701065	FAUN	MS386
1181753	DEUTZ AG (KHD)	MS68	12270774	DEUTZ AG (KHD)	MS280	1702079	FAUN	MG260
1181976	DEUTZ AG (KHD)	MS446	12270774	MWM-DIESEL	MS366	1702086	FAUN	MG260
1181976	DEUTZ AG (KHD)	MS65	12301335	DELCO REMY	MS152	1702103	FAUN	MG368
1182015	DEUTZ AG (KHD)	MG111	12301335	DELCO REMY	MS170	1702114	FAUN	MG260
1182027	DEUTZ AG (KHD)	MG3	12301341	DELCO REMY	MS94	1702117	FAUN	MG126
1182038	DEUTZ AG (KHD)	MG344	125849A1R	CASE	MG575	1712921T	MASSEY-FERGUSON	MS51
1182040	DEUTZ AG (KHD)	MG52	1269844	HAMM	MS65	17769	STEINBOCK	MS277
1182041	DEUTZ AG (KHD)	MG312	128000-4340	DENSO	MS117	179901	WIRTGEN	MS68
1182043	DEUTZ AG (KHD)	MG473	128000-5330	DENSO	MS117	1808449R2	MASSEY-FERGUSON	MS149
1182107	DEUTZ-FAHR	MG607	128000-5331	DENSO	MS117	182238	WIRTGEN	MG114
1182126	DEUTZ AG (KHD)	MS68	128000-9800	DENSO	MS117	1830937	FAUN	MG260
1182151	DEUTZ AG (KHD)	MG209	128000-9801	DENSO	MS117	183868	SCANIA	MS265
1182153	DEUTZ AG (KHD)	MG554	1285858	HAMM	MS27	185046522	PERKINS	MG560
1182155	DEUTZ AG (KHD)	MG203	130100090744	FIAT	MG604	1860093M2	MASSEY-FERGUSON	MS294
1182167	DEUTZ AG (KHD)	MG337	1303920	DEUTZ AG (KHD)	MS313	1860093M2	MASSEY-FERGUSON	MS345
1182173	DEUTZ AG (KHD)	MG314	1303970	DEUTZ AG (KHD)	MS313	1860093M2	MASSEY-FERGUSON	MS395
1182179	DEUTZ AG (KHD)	MS67	130652	AGRITALIA (CARRARO)	MS220	1868283M5	MASSEY-FERGUSON	MS149
1182233	DEUTZ AG (KHD)	MS65	13100	EFEL	MS193	1868285R3	MASSEY-FERGUSON	MS294
1182235	DEUTZ AG (KHD)	MS66	13105	EFEL	MS332	1868285R3	MASSEY-FERGUSON	MS345
1182382	DEUTZ AG (KHD)	MS27	1313394	HYSTER	MS486	1868285R3	MASSEY-FERGUSON	MS395
1182384	DEUTZ AG (KHD)	MS27	132300	GEHL	MG111	1868287T	MASSEY-FERGUSON	MS294
1182388	DEUTZ AG (KHD)	MS67	138207A1	NIKKO	MS355	1868287T	MASSEY-FERGUSON	MS345
1182390	DEUTZ AG (KHD)	MS68	14100	EFEL	MS277	1868287T	MASSEY-FERGUSON	MS395
1182399	DEUTZ AG (KHD)	MG473	1420000901951	STEYR	MG233	1874681M91	MASSEY-FERGUSON	MG462
1182403	DEUTZ AG (KHD)	MG337	1446802M91	PERKINS	MS347	1874758M92	MASSEY-FERGUSON	MG462
1182434	DEUTZ AG (KHD)	MG111	1447701R91	MARUTI	MG212	1875955M1	MASSEY-FERGUSON	MG462
1182436	DEUTZ-FAHR	MG607	1447701R91	MASSEY-FERGUSON	MG102	1875955M91	MASSEY-FERGUSON	MG462
1182438	DEUTZ AG (KHD)	MG114	1447731	MASSEY-FERGUSON	MS294	188590A1	CASE	MG192
1182544	DEUTZ AG (KHD)	MG29	1447732M1	PERKINS	MS347	1893705T	MASSEY-FERGUSON	MS149
1182691	DEUTZ AG (KHD)	MG52	1447732R1	PERKINS	MS347	1895271M91	MASSEY-FERGUSON	MG462
1182925	DEUTZ AG (KHD)	MS65	1447834M91	PERKINS	MS282	1897264M91	MASSEY-FERGUSON	MG462
1182931	DEUTZ AG (KHD)	MS66	1447834M91	PERKINS	MS395	1897695R91	MARUTI	MG212
1182959	DEUTZ AG (KHD)	MG337	1447834M91	PERKINS	MS4	1897695R91	MASSEY-FERGUSON	MG102
1182961	DEUTZ AG (KHD)	MG314	1457874	HYSTER	MG86	19010147	DELCO REMY	MG490
1183120	DEUTZ AG (KHD)	MS65	14650	EFEL	MS278	19020535	DELCO REMY	MG84
1183122	DEUTZ AG (KHD)	MS66	14660	EFEL	MS187	19020536	DELCO REMY	MG279
1183181	DEUTZ AG (KHD)	MG344	1475922N91	PERKINS	MG212	19020536	DELCO REMY	MG84
1183185	DEUTZ AG (KHD)	MG52	1482841M92	AGCO	MS4	19024252	DELCO REMY	MS277
1183187	DEUTZ AG (KHD)	MG29	152396501	HANOMAG	MS330	19025057	DELCO REMY	MG369
1183189	DEUTZ AG (KHD)	MG312	1532068C1	NIKKO	MG604	19025091	DELCO REMY	MG109
1183191	DEUTZ AG (KHD)	MG473	1532068C2	FIAT	MG604	19025100	DELCO REMY	MG289
1183195	DEUTZ AG (KHD)	MG337	1561316	DEUTZ AG (KHD)	MG203	19025106	DELCO REMY	MG399
1183220	DEUTZ AG (KHD)	MG475	16028248	DEUTZ-FAHR	MS338	1903103M91	MASSEY-FERGUSON	MS94
1183235	DEUTZ AG (KHD)	MS65	1618050M14	MASSEY-FERGUSON	MS348	1903117M91	MASSEY-FERGUSON	MS94
1183239	DEUTZ AG (KHD)	MS66	1618050M4	MASSEY-FERGUSON	MS348	1903119M91	MASSEY-FERGUSON	MS343
1183427	DEUTZ AG (KHD)	MG344	1618050R4	MASSEY-FERGUSON	MS348	191068M94	AGCO	MS4
1183429	DEUTZ AG (KHD)	MG337	1618473M91	MASSEY-FERGUSON	MG462	191068M94	MAXION	MS4
1183437	DEUTZ AG (KHD)	MG312	1618474M91	MASSEY-FERGUSON	MG462	191198302	ONAN (USA)	MG84
1183441	DEUTZ AG (KHD)	MG114	1618477M91	MASSEY-FERGUSON	MG462	191232602	ONAN (USA)	MG84
1183443	DEUTZ AG (KHD)	MG337	1618478M91	MASSEY-FERGUSON	MG462	194165	GEHL	MG502
1183447	DEUTZ AG (KHD)	MG209	1620000902951	STEYR	MG233	19960477	JUNGHEINRICH	MG86
1183451	DEUTZ AG (KHD)	MG554	162000090722	FIAT	MS175	19960478	JUNGHEINRICH	MG86
1183453	DEUTZ AG (KHD)	MG203	162000090722	NEW HOLLAND	MS175	19960488	JUNGHEINRICH	MS86
1183455	DEUTZ AG (KHD)	MG314	1626179	ZASTAVA	MS389	19960489	JUNGHEINRICH	MS86
1183483	DEUTZ AG (KHD)	MG52	164968	WIRTGEN	MG312	1998330	DELCO REMY	MS94
1183485	DEUTZ AG (KHD)	MG29	1676822	VOLVO	MS325	1998343	DELCO REMY	MS152
1183626	DEUTZ AG (KHD)	MG337	1680064M1	MASSEY-FERGUSON	MS343	1998343	DELCO REMY	MS170
1183905	DEUTZ AG (KHD)	MG111	1680065M3	MASSEY-FERGUSON	MS343	1998364	DELCO REMY	MS293
1183907	DEUTZ AG (KHD)	MG607	168065M3	MASSEY-FERGUSON	MS149	1998459	DELCO REMY	MS242
12080	EFEL	MS389	1691795R92	MASSEY-FERGUSON	MG272	1C1T10300BB	FORD NEW HOLLAND	MG404
12153840	DEUTZ AG (KHD)	MS313	1691805R2	MASSEY-FERGUSON	MS149	20000805760	KRAMER	MG86
12153841	DEUTZ AG (KHD)	MS313	1691806R1	MASSEY-FERGUSON	MS294	200-01155	BETA MARIN	MG222
121541402	MERCEDES-BENZ	MG3	1691806R1	MASSEY-FERGUSON	MS345	2000808899	KRAMER	MS30
121541402	MERCEDES-BENZ	MG52	1691806R1	MASSEY-FERGUSON	MS395	20030014	DEUTZ AG (KHD)	MG626
121905A1	FIAT	MS352	1691806R1	MASSEY-FERGUSON	MS95	20073708000	MINSK (BELARUS)	MS360
121905AEX	FIAT	MS352	1699871T	MASSEY-FERGUSON	MG462	20110305	PRESTOLITE	MG279
12270186	MWM-DIESEL	MG597	1699872R1	MASSEY-FERGUSON	MG272	20130116	PRESTOLITE	MG15
12270186	MWM-DIESEL	MG604	1699872T	MASSEY-FERGUSON	MG272	20130133	PRESTOLITE	MG124

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
20130210	PRESTOLITE	MG477	234987A1	CASE	MS345	23886	LUCAS	MG372
2022506	FIAT	MS195	234987A1	CASE	MS395	23895	LUCAS	MG372
2022518	FIAT	MS366	234987A1	CASE	MS4	23903	LUCAS	MG372
202360T91	CASE	MG490	23544	LUCAS	MG372	23904	LUCAS	MG372
2023708	MAGNETON	MS185	23548	LUCAS	MG372	23911	LUCAS	MG372
2033659	VöGELE	MG114	2355695	CLARK	MS293	23918	LUCAS	MG372
2041237	VOLVO	MS66	23565	LUCAS	MG372	23919	LUCAS	MG372
205000212	PRESTOLITE	MS346	23570	LUCAS	MG372	23920	LUCAS	MG372
20500147	PRESTOLITE	MS184	23584	LUCAS	MG372	23944	LUCAS	MG372
20500157	PRESTOLITE	MS51	23593	LUCAS	MG372	23962R	PERKINS	MG426
20500240	PRESTOLITE	MS152	23595	LUCAS	MG372	23980	LUCAS	MG535
20500240	PRESTOLITE	MS170	23597	LUCAS	MG372	23983	LUCAS	MG426
20500301	PRESTOLITE	MS243	23598	LUCAS	MG372	23990	LUCAS	MG372
20500706	PRESTOLITE	MS418	23602	LUCAS	MG372	24023	LUCAS	MG427
20500762	PRESTOLITE	MS220	23605	LUCAS	MG372	2404401	DEUTZ AG (KHD)	MG627
20500847	PRESTOLITE	MS195	23606	LUCAS	MG372	24049	LUCAS	MG110
20500968	PRESTOLITE	MS347	23610	LUCAS	MG372	24052	LUCAS	MG426
20500969	PRESTOLITE	MS345	23625	LUCAS	MG372	24054	LUCAS	MG426
20500969	PRESTOLITE	MS395	23635	LUCAS	MG372	24061	LUCAS	MG426
2050913	LOMBARDINI	MG566	23637	LUCAS	MG372	24063708000	MINSK (BELARUS)	MS320
20513045	PRESTOLITE	MS271	23642	LUCAS	MG372	24065	LUCAS	MG426
20513058	PRESTOLITE	MS272	23647	LUCAS	MG372	24073708000	MINSK (BELARUS)	MS185
20513058	PRESTOLITE	MS352	23649	LUCAS	MG372	24073708000	MINSK (BELARUS)	MS320
20513069	PRESTOLITE	MS30	23650	LUCAS	MG372	240847	VOLVO	MS280
20540106	PRESTOLITE	MS137	23651	LUCAS	MG372	24089	LUCAS	MG427
207090002	STEYR	MS300	23658	LUCAS	MG372	24091	LUCAS	MG241
2095667	VöGELE	MG114	23660	LUCAS	MG372	24098	LUCAS	MG427
210090010	STEYR	MS330	23664	LUCAS	MG372	24118	LUCAS	MG427
2102334	VALEO	MG183	23666	LUCAS	MG372	24119	LUCAS	MG427
2105473B	VALEO	MG17	23674	LUCAS	MG372	24123R	PERKINS	MG462
212321	TORPEDO	MS220	23678	LUCAS	MG372	24129	LUCAS	MG212
212403	TORPEDO	MS386	23685	LUCAS	MG372	24134	LUCAS	MG426
212803	TORPEDO	MG627	23694	LUCAS	MG372	24137	LUCAS	MG426
2130090013	STEYR	MS313	23695	LUCAS	MG372	24157	LUCAS	MG426
2132583	VöGELE	MS66	23701	LUCAS	MG427	241599	VOLVO	MS322
21515701	MERCEDES-BENZ	MS280	23703	LUCAS	MG372	24173708000	MINSK (BELARUS)	MS320
21519401	MERCEDES-BENZ	MS193	23708	LUCAS	MG372	24199	LUCAS	MG426
21549702	MERCEDES-BENZ	MG260	23713	LUCAS	MG372	24206	LUCAS	MG241
21615917	VOLVO PENTA	MG554	23715	LUCAS	MG372	24229	LUCAS	MG241
2177710/2	STEYR	MS272	23717	LUCAS	MG372	24274	LUCAS	MG283
2180620	VALEO	MG17	23718	LUCAS	MG372	24286	LUCAS	MG86
2181991	VALEO	MG17	23726	LUCAS	MG372	24297	LUCAS	MG216
220850	TORPEDO	MG627	23730	LUCAS	MG372	24298	LUCAS	MG222
221561	VALTRA DO BRASIL	MS349	23731	LUCAS	MG372	243007	VOLVO	MS319
22310	STEINBOCK	MG438	23734	LUCAS	MG372	243708	MINSK (BELARUS)	MS320
2253142	CATERPILLAR	MG560	23737R	PERKINS	MG426	243708	VLADIMIRSKY TRACTORS	MS320
2253144	CATERPILLAR	MG560	23742	LUCAS	MG372	243708	ZIT	MS320
2253145	CATERPILLAR	MG562	23745	LUCAS	MG372	24400	LUCAS	MG550
2253148	CATERPILLAR	MS289	23747	LUCAS	MG372	24400A	LUCAS	MG550
225-3149	CATERPILLAR	MS399	23748	LUCAS	MG372	24418	LUCAS	MG86
228000-3290	DENSO	MS365	23750	LUCAS	MG372	24480	LUCAS	MG560
228000-3291	DENSO	MS365	23753	LUCAS	MG372	2518050	MOTOROLA	MG124
228000-3292	DENSO	MS365	23755	LUCAS	MG372	2522104	VALEO	MG17
228000-5620	DENSO	MS101	23769	LUCAS	MG372	2522161	VALEO	MG478
228000-5621	DENSO	MS101	23777	LUCAS	MG372	2522401	MOTOROLA	MG272
228000-6390	DENSO	MS101	23795	LUCAS	MG372	2522976	VALEO	MG604
228000-6391	DENSO	MS101	23796	LUCAS	MG372	2523234	MOTOROLA	MG372
228000-6400	DENSO	MS94	23797	LUCAS	MG372	2523458	MOTOROLA	MG478
229301A1	CASE	MG216	23802	LUCAS	MG372	2541133	VALEO	MG111
2300088A	AHLMANN (MECALAC)	MS232	23804	LUCAS	MG372	2541145	VALEO	MG183
2300088A	AHLMANN (MECALAC)	MS66	23805	LUCAS	MG372	2541145	VALEO	MG319
23103408	AHLMANN (MECALAC)	MS27	23813	LUCAS	MG372	2541194	MOTOROLA	MG372
23110097	AHLMANN (MECALAC)	MS221	23814	LUCAS	MG372	2541195	MOTOROLA	MG272
231295A1	CASE	MG235	23843	LUCAS	MG372	2541198	MOTOROLA	MG478
2325158	VALEO	MG126	23844	LUCAS	MG372	2541423	VALEO	MG399
2346	CUMMINS	MS148	23847	LUCAS	MG372	2541744	VALEO	MG478
2347	CUMMINS	MS117	23851	LUCAS	MG426	2541746	VALEO	MG530
234986A1	CASE	MS307	23864	LUCAS	MG427	257592	SCANIA	MG183
234987A1	CASE	MS282	23874	LUCAS	MG372	257592	SCANIA	MG319
234987A1	CASE	MS294	23878	LUCAS	MG372	26071	LUCAS	MS51

Cross References

REF	BRAND	VWA REF	REF	BRAND	VWA REF	REF	BRAND	VWA REF
26137	LUCAS	MS228	27540	LUCAS	MS149	2873A031	PERKINS	MS395
26147	LUCAS	MS228	27541	LUCAS	MS385	2873A102	PERKINS	MS347
26147	LUCAS	MS291	27541	LUCAS	MS395	2873A103	PERKINS	MS595
26154	LUCAS	MS343	27556	LUCAS	MS152	2873B055	PERKINS	MS345
26167	LUCAS	MS51	27556	LUCAS	MS170	2873B055	PERKINS	MS395
26173	LUCAS	MS51	27565	LUCAS	MS385	2873B056	PERKINS	MS347
26189	LUCAS	MS228	27565	LUCAS	MS395	2873B057	PERKINS	MS294
26189	LUCAS	MS291	27568	LUCAS	MS385	2873B057	PERKINS	MS345
26194600	AGCO	MS399	27568	LUCAS	MS395	2873B057	PERKINS	MS395
26211	LUCAS	MS346	27569	LUCAS	MS346	2873B061	PERKINS	MS243
26220	LUCAS	MS267	27570	LUCAS	MS347	2873B071	PERKINS	MS347
26227	LUCAS	MS346	27571	LUCAS	MS149	2873B072	PERKINS	MS294
26264	LUCAS	MS343	27572B	LUCAS	MS294	2873B072	PERKINS	MS345
26271	LUCAS	MS385	27572B	LUCAS	MS345	2873B072	PERKINS	MS395
26271	LUCAS	MS395	27572B	LUCAS	MS395	2873D004	PERKINS	MS243
26278	LUCAS	MS51	27575	LUCAS	MS152	2873K404	PERKINS	MS289
26284	LUCAS	MS184	27575	LUCAS	MS170	2873K405	PERKINS	MS399
26284	LUCAS	MS91	27578	LUCAS	MS395	2873K605	PERKINS	MS403
26290	LUCAS	MS388	27586	LUCAS	MS152	2873K621	PERKINS	MS289
26291	LUCAS	MS346	27586	LUCAS	MS170	2874005M91	HANOMAG	MG260
263356	SCANIA	MS265	27588	LUCAS	MS347	2913108700	ATLAS COPCO	MS446
26336	LUCAS	MS152	27604	LUCAS	MS152	2913146100	ATLAS COPCO	MS27
26336	LUCAS	MS170	27604	LUCAS	MS170	2913163700	ATLAS COPCO	MS232
26338	LUCAS	MS346	2802734M91	MAXION	MS349	2913163700	ATLAS COPCO	MS66
26339	LUCAS	MS346	2834390M91	AGCO	MS151	2913166600	ATLAS COPCO	MS219
26342	LUCAS	MS184	285217	IVECO	MS168	2913173200	ATLAS COPCO	MS30
26342	LUCAS	MS91	2852178	CASE	MS168	2913175400	ATLAS COPCO	MS446
26344	LUCAS	MS149	2855467	FIAT	MG561	2913175500	ATLAS COPCO	MS30
26358	JCB	MS395	2859527	IVECO	MS168	2913178700	ATLAS COPCO	MG209
26358A	JCB	MS395	2859528	CASE	MS168	2913179000	ATLAS COPCO	MS27
26364	LUCAS	MS228	2862873M91	HANOMAG	MG260	2913184900	ATLAS COPCO	MS66
26364	LUCAS	MS291	2862874M91	HANOMAG	MG260	2913198900	ATLAS COPCO	MS446
26365	LUCAS	MS149	2871814M91	HANOMAG	MG260	29194800	AGCO	MS399
26379	LUCAS	MS346	2871A102	PERKINS	MG426	29281266	MAGIRUS-DEUTZ	MG627
26390	LUCAS	MS388	2871A105	PERKINS	MG426	2929937	DEUTZ AG (KHD)	MG111
26395	LUCAS	MS346	2871A132	PERKINS	MG426	2934493	DEUTZ AG (KHD)	MS219
26410	LUCAS	MS294	2871A136	PERKINS	MG426	2934505	DEUTZ AG (KHD)	MS30
26410	LUCAS	MS345	2871A141	PERKINS	MG212	2934631	DEUTZ AG (KHD)	MS30
26410	LUCAS	MS395	2871A141	PERKINS	MG426	2940119	MOTOROLA	MG478
26410R	PERKINS	MS294	2871A142	PERKINS	MG216	2940119	VALEO	MG478
26410R	PERKINS	MS345	2871A148	PERKINS	MG212	2940146	VALEO	MG478
26410R	PERKINS	MS395	2871A154	PERKINS	MG212	2940148	MOTOROLA	MG530
26411	LUCAS	MS149	2871A160	PERKINS	MG212	2940148	VALEO	MG530
26412	LUCAS	MS267	2871A161	PERKINS	MG216	2940305	VALEO	MG512
26413	LUCAS	MS49	2871A163	PERKINS	MG212	2940311	VALEO	MG512
26414	JCB	MS395	2871A166	PERKINS	MG86	2940526	VALEO	MG604
26417	LUCAS	MS193	2871A168	PERKINS	MG560	29409930	MOTOROLA	MG372
26428	LUCAS	MS152	2871A302	PERKINS	MG560	294390300	SAME (DEUTZ- FAHR)	MG438
26428	LUCAS	MS170	2871A303	PERKINS	MG560	294390700	SAME (DEUTZ- FAHR)	MG438
26433	LUCAS	MS152	2871A304	PERKINS	MG560	294391700	SAME (DEUTZ- FAHR)	MG438
26433	LUCAS	MS170	2871A305	PERKINS	MG562	2943925	FIAT	MG521
26813	LUCAS	MS51	2871A307	PERKINS	MG560	294393200	SAME (DEUTZ- FAHR)	MG515
26834	LUCAS	MS51	2871A308	PERKINS	MG560	294393700	SAME (DEUTZ- FAHR)	MG515
26845	LUCAS	MS51	2871A309	PERKINS	MG560	294394800	SAME (DEUTZ- FAHR)	MG288
27305	LUCAS	MS214	2871A310	PERKINS	MG562	294395500	SAME (DEUTZ- FAHR)	MG515
27411	LUCAS	MS49	2871C105	PERKINS	MG241	294395700	SAME (DEUTZ- FAHR)	MG515
27413	LUCAS	MS51	2873001T	MASSEY-FERGUSON	MS347	294396100	SAME (DEUTZ- FAHR)	MG3
27423	LUCAS	MS51	2873002	PERKINS	MS395	294396500	SAME (DEUTZ- FAHR)	MG3
27432	LUCAS	MS267	2873002T	MASSEY-FERGUSON	MS385	296190300	SAME (DEUTZ- FAHR)	MS300
27433	LUCAS	MS49	2873002T	MASSEY-FERGUSON	MS395	296190800	SAME (DEUTZ- FAHR)	MS300
27463	LUCAS	MS51	2873003	PERKINS	MS395	296190900	SAME (DEUTZ- FAHR)	MS280
27470	LUCAS	MS267	2873004	PERKINS	MS395	296191100	SAME (DEUTZ- FAHR)	MS309
27500	LUCAS	MS346	2873006	MASSEY-FERGUSON	MS294	296191500	SAME (DEUTZ- FAHR)	MS280
27508	LUCAS	MS152	2873006T	MASSEY-FERGUSON	MS385	296191800	SAME (DEUTZ- FAHR)	MS58
27508	LUCAS	MS170	2873006T	MASSEY-FERGUSON	MS395	296192300	SAME (DEUTZ- FAHR)	MS354
27518	LUCAS	MS347	2873306	HANOMAG (RHEINSTAHL)	MS369	2961928	FIAT	MS300
27519	JCB	MS395	28733052	PERKINS	MS243	296193300	SAME (DEUTZ- FAHR)	MS330
27520	LUCAS	MS347	2873A001	PERKINS	MS347	296193500	SAME (DEUTZ- FAHR)	MS354
27522	LUCAS	MS149	2873A012T	PERKINS	MS343	296193600	SAME (DEUTZ- FAHR)	MS300
27528	LUCAS	MS346	2873A030	PERKINS	MS347	296193700	SAME (DEUTZ- FAHR)	MS300

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
296193800	SAME (DEUTZ- FAHR)	MS354	3218239EX	NIKKO	MG124	35259580	PRESTOLITE	MS89
2987718M91	HANOMAG	MG260	3218239R91	NIKKO	MG124	35259580S	PRESTOLITE	MS89
2C91134000	UTB (ROM)	MG605	3218544EX	CASE	MG604	35260950	PRESTOLITE	MS151
30180309	MAGNETI MARELLI	MS187	3218544EX	NIKKO	MG604	35261385	PRESTOLITE	MS293
3020678	CUMMINS	MG84	3218544R91	CASE	MG604	35261435	PRESTOLITE	MS446
30281004	MAGNETI MARELLI	MS387	3218544R91	NIKKO	MG604	35262480	PRESTOLITE	MS346
30281013	MAGNETI MARELLI	MS387	3218577EX	CASE	MG517	3536264M91	LANDINI	MG348
30281018	MAGNETI MARELLI	MS389	3218577EX	NIKKO	MG517	3536265M91	LANDINI	MG590
30281020	MAGNETI MARELLI	MS186	3218577R91	CASE	MG517	3538541M91	MASSEY-FERGUSON	MG110
30281027	MAGNETI MARELLI	MS177	3218577R91	NIKKO	MG517	3538542M91	LANDINI	MG192
30-3123383	WHITE	MS94	3218667R91	NIKKO	MS352	3539389M91	LANDINI	MS267
30-3480429-1	WHITE	MS148	3218674R91	CASE	MS276	3542184M91	LANDINI	MS267
30380301	MAGNETI MARELLI	MS195	3218677R91	CASE	MS272	3542184M92	LANDINI	MS267
30380319	MAGNETI MARELLI	MS388	3218677R91	NIKKO	MS272	3542185M91	LANDINI	MS294
3042511	HYSTER	MS94	3218884EX	NIKKO	MG260	3542185M91	LANDINI	MS345
3045250	DEUTZ AG (KHD)	MS30	3218884R91	DRESSER	MG260	3542185M91	LANDINI	MS395
3045396	DEUTZ AG (KHD)	MS446	3218884R91	NIKKO	MG260	3542185M92	LANDINI	MS294
3045396	DEUTZ AG (KHD)	MS65	3228192R91	CASE	MS276	3542185M92	LANDINI	MS345
304560A1	FORD NEW HOLLAND	MG233	3228192R91	NIKKO	MS276	3542185M92	LANDINI	MS395
3053661	CATERPILLAR	MS560	3228193EX	CASE	MS272	3542185M93	LANDINI	MS282
3055414R92	CASE	MS272	3228193R91	CASE	MS272	3542185M93	LANDINI	MS395
3055414R92	NIKKO	MS272	3228193R91	CASE	MS352	3542185M93	LANDINI	MS4
3055557R92	NIKKO	MS272	3229193EX	CASE	MS272	3546390M91	LANDINI	MS267
305710100004	MWM-DIESEL	MG627	3229193R91	CASE	MS272	3546391M91	LANDINI	MS294
30680274	MAGNETI MARELLI	MG123	323019050	IVECO	MS168	3546391M91	LANDINI	MS345
30680307	MAGNETI MARELLI	MG535	323319A1	CASE	MS315	3546391M91	LANDINI	MS395
30680316	MAGNETI MARELLI	MG258	323319A1	CASE	MS395	354858	SCANIA	MG183
30680352	MAGNETI MARELLI	MG535	323442	DELCO REMY	MS94	354858	SCANIA	MG319
30680353	MAGNETI MARELLI	MG156	323443	DELCO REMY	MS94	3551773M91	LANDINI	MS347
30800090017	STEYR	MS274	323-448	DELCO REMY	MS446	3551780M91	LANDINI	MG590
30800090021	STEYR	MG371	323-448	DELCO REMY	MS65	3551780M92	LANDINI	MG590
3091293M91	MASSEY-FERGUSON	MS369	323-674	DELCO REMY	MS94	3552682M91	LANDINI	MG592
3091293M92	MASSEY-FERGUSON	MS369	323-678	DELCO REMY	MS152	3552682M92	LANDINI	MG592
310563	SCANIA	MS265	323-678	DELCO REMY	MS170	35530061	VM MOTORI	MS393
3109	EFEL	MS391	323-684	DELCO REMY	MS94	35532022A	VM MOTORI	MS391
31100090017	STEYR	MS336	323911	DELCO REMY	MS242	35532032F	VM MOTORI	MS194
31100090025	STEYR	MG659	326353	SCANIA	MG183	35532038F	VM MOTORI	MS190
31100090048	FENDT	MG209	3269108	CASE	MS2	35532039F	VM MOTORI	MS391
3110090048	STEYR	MG209	327121A1	CASE	MG477	35544	AGRIA	MG438
3114986	HYSTER	MS486	327304	SCANIA	MG183	3555971M91	LANDINI	MG86
3116683EX	CASE	MS385	3282554	CUMMINS	MG13	3575130RX	CUMMINS	MG15
3116683EX	CASE	MS395	3282554	CUMMINS	MG233	3575730	CUMMINS	MS170
3116683R91	CASE	MS385	3283329	CUMMINS	MS148	3575730RX	CUMMINS	MS152
3116683R91	CASE	MS395	3283329	CUMMINS	MS418	357736	SCANIA	MG183
312-7539	CATERPILLAR	MS289	3283330	CUMMINS	MS148	357736	SCANIA	MG319
312-7540	CATERPILLAR	MS399	3283330	CUMMINS	MS418	3581388M1	MASSEY-FERGUSON	MG271
3138942R91	NIKKO	MG124	3283812	CUMMINS	MS271	3581576M1	MASSEY-FERGUSON	MS347
31510501	MERCEDES-BENZ	MS193	3283813	CUMMINS	MS101	3581576M1	PERKINS	MS347
31511401	MERCEDES-BENZ	MS280	3284392	CUMMINS	MG84	3581576R1	PERKINS	MS347
31517301	MERCEDES-BENZ	MS193	329-0290	CATERPILLAR	MS399	3597371M2	MASSEY-FERGUSON	MS267
31518701	MERCEDES-BENZ	MS193	3360760	DEUTZ AG (KHD)	MG260	3597371R2	MASSEY-FERGUSON	MS149
31541702	MERCEDES-BENZ	MG203	3362189	DEUTZ AG (KHD)	MG627	3597372M2	MASSEY-FERGUSON	MS294
31541702	MERCEDES-BENZ	MG627	3405390M1	MASSEY-FERGUSON	MG272	3597372M2	MASSEY-FERGUSON	MS345
31544802	MERCEDES-BENZ	MG658	3430200	FSO	MG535	3597372M2	MASSEY-FERGUSON	MS395
31548702	MERCEDES-BENZ	MG658	3467043M91	MASSEY-FERGUSON	MG271	3597426R2	MASSEY-FERGUSON	MS343
31701264	BOMAG	MG233	347198	MERCURY	MS94	3604481RX	CUMMINS	MS148
31780157	BOMAG	MS148	3476244M91	MASSEY-FERGUSON	MG102	3604482RX	CUMMINS	MS148
3185C37G01	THERMO KING	MS94	3477851M91	LANDINI	MG212	360448RX	CUMMINS	MG279
320/08648	JCB	MG23	3477851R91	MASSEY-FERGUSON	MG110	3604648	CUMMINS	MS148
320/08648	JCB	MG38	3478360M91	MARUTI	MG212	3604648RX	CUMMINS	MS148
320/08649	JCB	MG23	3478360M91	MASSEY-FERGUSON	MG212	3604654	CUMMINS	MS148
320/08649	JCB	MG74	3519400M92	MASSEY-FERGUSON	MS294	3604654RX	CUMMINS	MS148
320/09022	JCB	MS84	3519400M92	MASSEY-FERGUSON	MS345	3611576M91	MARUTI	MG212
320/09023	JCB	MS84	3519400M92	MASSEY-FERGUSON	MS395	3611576M91	MASSEY-FERGUSON	MG212
320/09026	JCB	MS84	3519406M91	MASSEY-FERGUSON	MG235	3611931M91	MARUTI	MG212
320/09032	JCB	MS84	35258810	PRESTOLITE	MS89	3611931M91	MASSEY-FERGUSON	MG212
320/09144	JCB	MS84	35258940	PRESTOLITE	MS148	3637261R91	MASSEY-FERGUSON	MG372
320/09346	JCB	MS84	35259300	PRESTOLITE	MS4	3637264R91	MASSEY-FERGUSON	MG462
320/09452	JCB	MS84	35259310	PRESTOLITE	MS151	3637269R91	MASSEY-FERGUSON	MS348
3218192EX	CASE	MS276	35259360	PRESTOLITE	MS175	3638512R91	MASSEY-FERGUSON	MG426

Cross References

REF	BRAND	VWA REF	REF	BRAND	VWA REF	REF	BRAND	VWA REF
3638813R1	MASSEY-FERGUSON	MG426	38522071A	VM MOTORI	MG281	4111821	DEUTZ AG (KHD)	MG67
3648190M91	LANDINI	MS347	38522072A	VM MOTORI	MG195	4114869	DEUTZ AG (KHD)	MS74
3648190M92	LANDINI	MS307	38522236F	VM MOTORI	MG127	4118830	DEUTZ AG (KHD)	MG265
3648444M91	LANDINI	MG235	38522239F	VM MOTORI	MG195	41200090001	STEYR	MS280
3650746M91	LANDINI	MS273	3873K627	PERKINS	MS399	41200090004	STEYR	MS280
365-3422	CATERPILLAR	MS399	388186A1	McCORMICK	MS314	4123605	DEUTZ AG (KHD)	MG169
3654073M91	LANDINI	MG359	388186A2	CASE	MS314	41512201	MERCEDES-BENZ	MS193
3655838M91	LANDINI	MG81	388186A2	McCORMICK	MS314	4152101	FIAT	MG127
36560	SABRE (PERKINS)	MS241	388187A1	CASE	MS315	4152612	FIAT	MG127
3661191M91	LANDINI	MG348	388187A1	CASE	MS395	4152612	FIAT	MG191
3661501650	MERCEDES-BENZ	MG158	388187A2	CASE	MS315	4169093	FIAT NEW HOLLAND	MS195
3667037M91	LANDINI	MS4	388187A2	CASE	MS395	4169096	FIAT	MS388
3667040M91	LANDINI	MS111	388187A2	McCORMICK	MS315	4172113	FIAT	MS388
3675130	CUMMINS	MS170	388187A2	McCORMICK	MS395	4174626	FIAT	MG127
3675130RX	CUMMINS	MS152	388187A3	McCORMICK	MS395	4188195A	AHLMANN (MECALAC)	MS68
3675204	CUMMINS	MS242	388187A3	McCORMICK	MS434	4188800	DEUTZ AG (KHD)	MG627
3675245RX	CUMMINS	MS101	388188A1	McCORMICK	MG402	4191523	DEUTZ AG (KHD)	MG314
3677263M91	LANDINI	MG550	388189A1	McCORMICK	MG403	420718	VOLVO	MS325
3680133M91	LANDINI	MS111	3901365	CUMMINS	MS148	4213912M91	LANDINI	MS299
3691576M91	ARGO	MS138	3901386	CUMMINS	MS148	4221711M91	ARGO	MS227
3691576M91	LANDINI	MS138	3904445	CUMMINS	MS148	4224325	FIAT	MG123
3691705M93	LANDINI	MG181	3905480	CUMMINS	MS148	4231018	FIAT	MS387
3692514M91	LANDINI	MG284	3907749	CUMMINS	MG212	4242730	FIAT	MG127
3693247M91	LANDINI	MG550	3909639M1	AGCO	MG28	42498131	IVECO	MS108
369554	VALEO	MS265	3909914	CUMMINS	MS242	42498142	IVECO	MS389
3695885M91	LANDINI	MG199	3916854	CUMMINS	MS148	42498155	IVECO	MG627
3698016M91	MASSEY-FERGUSON	MG348	3918377	CUMMINS	MS242	42498157	IVECO	MG260
37003084088	MINSK (BELARUS)	MS320	3918688	FORD NEW HOLLAND	MS357	42498239	IVECO	MG191
3701909M91	MASSEY-FERGUSON	MG283	3920328	CUMMINS	MS117	42498275	IVECO	MG314
371972	SCANIA	MG183	3920678	CUMMINS	MG84	42522737	IVECO	MG554
371972	SCANIA	MG319	3920679	CUMMINS	MG279	42522743	IVECO	MG314
3761517201	MERCEDES-BENZ	MS193	3926932	CUMMINS	MS242	4257074	FIAT	MG123
3763362M91	MASSEY-FERGUSON	MS385	3930501R91	AGCO	MG348	4263584	FIAT	MG127
3763362M91	MASSEY-FERGUSON	MS395	3930501R91	MARUTI	MG212	4263983	FIAT	MG127
3763362M94	AGCO	MS395	3930501R91	MASSEY-FERGUSON	MG102	4269114	FIAT	MS387
3763363M92	AGCO	MS243	3930502R91	MASSEY-FERGUSON	MG271	4270745M2	AGCO	MS4
37701400	PERKINS	MS347	3930504R1	MASSEY-FERGUSON	MG212	4271312M93	MASSEY-FERGUSON	MG308
3777677M1	MASSEY-FERGUSON	MG562	3930504R91	MASSEY-FERGUSON	MG212	4275283	FIAT	MG123
3777677R1	MASSEY-FERGUSON	MG562	3930505R1	MASSEY-FERGUSON	MS343	428000-1380	DENSO	MS289
3784889M2	MASSEY-FERGUSON	MS289	3930506R1	MASSEY-FERGUSON	MS294	4280470F91	AGCO	MG52
3784890M1	AGCO	MS111	3930506R1	MASSEY-FERGUSON	MS345	4280470F91	MASSEY-FERGUSON	MG52
3784890M1	AGCO	MS225	3930506R1	MASSEY-FERGUSON	MS395	4281877M92	AGCO	MG393
3784890M1	MASSEY-FERGUSON	MS111	3930507R1	MASSEY-FERGUSON	MS243	4281878F91	AGCO	MG28
3784890M1	MASSEY-FERGUSON	MS225	3930509R1	MASSEY-FERGUSON	MS294	4281878M92	MASSEY-FERGUSON	MG52
3784890M1	MASSEY-FERGUSON	MS289	3930509R1	MASSEY-FERGUSON	MS345	4281878M93	MASSEY-FERGUSON	MG52
3786094M93	AGCO	MS111	3930509R1	MASSEY-FERGUSON	MS395	4281880M92	AGCO	MG52
3786094M93	AGCO	MS225	3931421M91	MASSEY-FERGUSON	MS348	4281880M92	MASSEY-FERGUSON	MG52
3786094M94	AGCO	MS111	3933143M91	AGCO	MG348	4281880M93	AGCO	MG52
3786094M94	AGCO	MS225	3935070	CUMMINS	MS148	4285622	FIAT	MG127
3786310M1	AGCO	MS151	394677	CARRARO	MS168	4287013M1	AGCO	MG168
3788259M93	AGCO	MS151	395250A1	FIAT	MG515	4287014M2	AGCO	MG182
3788259M94	AGCO	MS151	3961474	FORD NEW HOLLAND	MG207	4287014M3	AGCO	MG182
3789453M92	AGCO	MG28	398436A1	McCORMICK	MG83	4287014M4	AGCO	MG182
3789983M92	AGCO	MG28	3E7285	CATERPILLAR	MG279	4287015M1	AGCO	MG468
3789983M93	AGCO	MG28	3E7295	CATERPILLAR	MG279	4289959M2	AGCO	MS22
382-08919	LISTER PETER	MG216	40000610	HATZ	MS330	4289959M3	AGCO	MS22
3821818M91	AGCO	MS151	40099300	HATZ	MG438	4292765M91	AGCO	MS22
3821818M94	AGCO	MS151	403300R92	CASE	MS152	4292765M92	AGCO	MS22
3821819M91	AGCO	MS243	403300R92	CASE	MS170	4300006	DEUTZ AG (KHD)	MS27
3823621M91	AGCO	MS225	406015A1	McCORMICK	MG14	432567	VALEO	MS267
3823621M91	MASSEY-FERGUSON	MS225	40800090010	STEYR	MS58	432569	VALEO	MS351
3823621M91	MASSEY-FERGUSON	MS289	409090001	STEYR	MS309	432570	VALEO	MS267
3823621M92	AGCO	MS111	4090901	STEYR	MS309	432571	VALEO	MS267
3823621M93	AGCO	MS111	4100509	FAUN	MG260	432572	VALEO	MS351
3823621M93	AGCO	MS225	4103903	DEUTZ AG (KHD)	MG114	432746	VALEO	MG258
3823621M94	AGCO	MS111	4103907	DEUTZ AG (KHD)	MG607	432818	VALEO	MG241
3823621M94	AGCO	MS225	4106096A	AHLMANN (MECALAC)	MS30	432819	VALEO	MG427
3823621M95	AGCO	MS111	410676	SCANIA	MG183	432859	VALEO	MG187
3823621M95	AGCO	MS225	410676	SCANIA	MG319	432864	VALEO	MG110
3823621M96	AGCO	MS225	4110476A	AHLMANN (MECALAC)	MG114	432868	VALEO	MG156

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
432872	VALEO	MG228	436194	VALEO	MG187	4474903	FIAT	MG127
432977	VALEO	MG478	436195	VALEO	MG187	4474904	FIAT	MG127
432978	VALEO	MG530	436196	VALEO	MG187	4475303	FIAT	MG258
432980	VALEO	MG478	436228	VALEO	MG512	4478678	FIAT	MG258
432981	VALEO	MG530	436237	VALEO	MG521	44-8499	THERMO KING	MG279
432983	VALEO	MG462	436238	VALEO	MG258	450115114763	MAGNETON	MS34
432987	VALEO	MG102	436245	VALEO	MG535	450732R91	CASE	MS94
432988	VALEO	MG124	436263	VALEO	MG102	455516	VALEO	MS386
432989	VALEO	MG604	436264	VALEO	MG272	455517	VALEO	MS387
432990	VALEO	MG369	436265	VALEO	MG124	455518	VALEO	MS186
432991	VALEO	MG123	436266	VALEO	MG604	455520	VALEO	MS389
433002	VALEO	MG604	436267	VALEO	MG438	455527	VALEO	MS193
433105	VALEO	MG156	436269	VALEO	MG604	455533	VALEO	MS265
433114	VALEO	MG535	436271	VALEO	MG426	455536	VALEO	MS325
433115	VALEO	MG535	436272	VALEO	MG659	455621	VALEO	MS193
433116	VALEO	MG535	436313	VALEO	MG400	455735	VALEO	MS430
433117	VALEO	MG258	436355	VALEO	MG183	458297	VALEO	MS195
433166	VALEO	MG427	436355	VALEO	MG319	458335	VALEO	MS439
433314	VALEO	MS351	436376	VALEO	MG111	458343	VALEO	MG490
433315	VALEO	MS351	436377	VALEO	MG114	458843	VALEO	MS439
433315	VALEO	MS353	436412	VALEO	MG183	46231680	FIAT	MG123
433316	VALEO	MS294	436412	VALEO	MG319	46231684	FIAT	MG535
433318	VALEO	MS220	436414	VALEO	MG604	46231687	FIAT	MG535
433374	VALEO	MG258	436416	VALEO	MG369	46231723	FIAT	MG258
433375	VALEO	MG462	436419	VALEO	MG627	46231751	FIAT	MG191
433415	VALEO	MG212	436423	VALEO	MG289	46231758	FIAT	MG521
433471	VALEO	MG657	436426	VALEO	MG126	46231786	FIAT	MG156
433472	VALEO	MG478	436428	VALEO	MG100	46446700	AGCO	MG176
433473	VALEO	MG478	436429	VALEO	MG126	46550710	DOOSAN	MS486
433474	VALEO	MG530	436431	VALEO	MG658	46550712	DOOSAN	MG482
433475	VALEO	MG530	436436	VALEO	MG183	465604	VOLVO	MS325
433476	VALEO	MG124	436436	VALEO	MG319	46612582	ZASTAVA	MS187
433478	VALEO	MG478	436491	VALEO	MG111	46641385	ZASTAVA	MG535
433480	VALEO	MG372	436492	VALEO	MG114	46641386	ZASTAVA	MG535
433481	VALEO	MG478	436493	VALEO	MG607	466772	VOLVO	MS325
434005	VALEO	MG260	436555	SCANIA	MG183	4682998	FIAT	MS388
434017	VALEO	MG314	436555	SCANIA	MG319	4682999	FIAT	MS387
4342110	CLARK	MG86	436557	VALEO	MG368	4691200	FIAT	MS389
436037	VALEO	MS187	436578	VALEO	MG158	4692477	FIAT	MS387
436048	VALEO	MS304	436687	VALEO	MG239	4692478	FIAT NEW HOLLAND	MS195
436070	VALEO	MS264	436692	VALEO	MG212	4699704	FIAT	MS387
436070	VALEO	MS89	436709	VALEO	MG478	4699705	FIAT	MS195
436073	VALEO	MS195	436710	VALEO	MG530	4701920	FIAT	MS387
436074	VALEO	MS388	436711	VALEO	MG478	4702248	FIAT NEW HOLLAND	MS195
436075	VALEO	MS276	436774	VALEO	MG241	4706008	FIAT	MS186
436077	VALEO	MS220	438012	VALEO	MS430	4706931	FIAT	MS389
436077	VALEO	MS272	4382200	FIAT	MG258	4710224	FIAT	MS388
436105	VALEO	MG127	4386883	FIAT	MG258	47111575	CASE	MS175
436105	VALEO	MG191	439101	VALEO	MG114	4711699	FIAT	MS187
436106	VALEO	MG156	439190	VALEO	MG111	4711700	FIAT	MG191
436109	VALEO	MG123	439191	VALEO	MG114	4712894	FIAT	MS366
436110	VALEO	MG258	439192	VALEO	MG607	47132888	STEYR	MS168
436112	VALEO	MG258	4392831	FIAT	MG258	47137534	FIAT	MS168
436114	VALEO	MG535	4395131	FIAT	MG535	47137534	STEYR	MS168
436115	VALEO	MG535	4395134	FIAT	MG535	47137538	FIAT	MS168
436130	VALEO	MG228	4405303	FIAT	MG535	4713805	FIAT	MS366
436135	VALEO	MG604	4418109	FIAT	MG535	4713806	FIAT	MS278
436140	VALEO	MG372	4419109	FIAT	MG535	4715786	FIAT	MG369
436165	VALEO	MG372	4419794	FIAT	MG535	4716026	FIAT	MS186
436166	VALEO	MG236	443113515693	MAGNETON	MG604	4716062	FIAT	MS186
436166	VALEO	MG427	443115142780	MAGNETON	MS185	4717871	FIAT	MG369
436167	VALEO	MG426	443115144722	MAGNETON	MS184	4719664	FIAT	MS187
436170	VALEO	MG236	443115144742	MAGNETON	MS309	4719664	UNIC	MS187
436171	VALEO	MG426	443115144763	MAGNETON	MS281	4719666	FIAT NEW HOLLAND	MS278
436172	VALEO	MG426	4434083	FIAT	MG535	4721587	FIAT	MG191
436179	VALEO	MG426	4434084	FIAT	MG535	4721589	FIAT	MG156
436182	VALEO	MG222	4434536	STEINBOCK	MS277	4721591	FIAT	MG156
436183	VALEO	MG239	4434755	STEINBOCK	MG438	4721592	FIAT	MG156
436186	VALEO	MG426	4470411	FIAT	MG258	4721890	FIAT	MG369
436191	VALEO	MG512	4474752	FIAT	MG123	4722682	FIAT	MS388

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
4722724	FIAT	MG369	4808510	FIAT	MG521	51022337D	MAGNETI MARELLI	MG283
4728682	FIAT	MS388	4808511	FIAT	MG521	510-23	MOTOROLA	MG187
4731839	FIAT	MG156	4808517	FIAT	MG521	510-289	MOTOROLA	MG183
4737754	FIAT	MS387	4808518	FIAT	MG521	510-289	MOTOROLA	MG319
4737755	FIAT	MS195	4808519	FIAT	MG369	510-330	MOTOROLA	MG187
4737756	FIAT	MS186	4808526	FIAT	MG369	510-522	MOTOROLA	MG187
4737758	FIAT	MS366	4808528	FIAT	MG369	510-55	MOTOROLA	MG427
4737759	FIAT	MS278	4808548M91	LANDINI	MG550	510868	VALEO	MG156
4737759	FIAT NEW HOLLAND	MS278	4832942	FIAT NEW HOLLAND	MS195	51217620	FIAT	MG123
47383500	NEW HOLLAND	MG223	4844266	FIAT	MG399	51261017085	MAN	MG627
4738563	FIAT	MG369	4856055	IVECO	MS187	51261017119	MAN	MG289
4738569	FIAT	MG369	4856056	FIAT	MS335	51261017139	MAN	MG658
4738570	FIAT	MG369	4880691	VOLVO	MS319	51261017144	MAN	MG289
4738571	FIAT	MG369	4880692	VOLVO	MS322	51261017185	MAN	MG100
4738772	FIAT	MG369	4880693	VOLVO	MS322	51261017206	MAN	MG158
4738775	FIAT	MG369	4881598	VOLVO	MS325	51261017221	MAN	MG3
4744841	FIAT	MS389	4897223	EEA	MS138	51261017237	MAN	MG329
4744841	IVECO	MS389	4897223	SPERRY NEW HOLLAND	MS138	51261017251	MAN	MG3
4744841	ZASTAVA	MS389	4998353	FIAT	MG123	51261019123	MAN	MG368
4745930	FIAT	MS187	47TNV98.776011	AGRITECH	MS4	51261019144	MAN	MG289
4750583	FIAT	MG156	5000242585	RENAULT	MG658	51261019185	MAN	MG100
4752403	FIAT	MS389	5000242585	SAVIEM	MG658	51262017011	MAN	MS300
4755108	FIAT	MS387	5000383929	RENAULT	MS369	51262017143	MAN	MS439
4755108	UNIC	MS387	5000589041	RENAULT/CLAAS	MS274	51262017157	MAN	MS439
4755109	FIAT	MS195	5000683929	RENAULT	MS369	51262017213	MAN	MS439
4755109	IVECO	MS79	5001014139	RENAULT	MG183	51262019143	MAN	MS439
4755110	FIAT	MS278	5001784	VOLVO	MS325	51262019157	MAN	MS439
4755110	UNIC	MS278	50026954	JUNGHEINRICH	MG86	51541102	MERCEDES-BENZ	MG368
4755111	FIAT	MS186	50027532	JUNGHEINRICH	MS86	51542902	MERCEDES-BENZ	MG126
4755112	FIAT	MS366	5003009	VOLVO	MS325	51543302	MERCEDES-BENZ	MG126
4755113	FIAT	MS177	500325145	IVECO	MS79	51543402	MERCEDES-BENZ	MG289
4757192	DEUTZ AG (KHD)	MG399	500333269	IVECO	MS78	51545602	MERCEDES-BENZ	MG126
4757192	FIAT	MG399	500333271	IVECO	MS195	51546002	MERCEDES-BENZ	MG126
4757192	UNIC	MG399	500338952	IVECO	MS79	516011	DUCELLIER	MG372
4757193	FIAT	MG399	500338953	IVECO	MS78	51750	AGRIA	MG438
4757193	IVECO	MG399	500338953	IVECO	MS388	517533M93	MASSEY-FERGUSON	MS94
4757193	UNIC	MG399	500338953	IVECO	MS78	529965R92	CASE	MS152
4757194	FIAT	MG399	500389864	IVECO	MS138	529965R92	CASE	MS170
4757194	IVECO	MG399	50043938	JUNGHEINRICH	MG216	5300540	CLAAS	MG560
4759929	FIAT	MS388	50150902	JUNGHEINRICH	MS277	5301440	CLAAS	MG562
4763249	MAGIRUS-DEUTZ	MG521	50152151	JUNGHEINRICH	MG438	535388M91	MASSEY-FERGUSON	MS343
4763995	FIAT	MS387	50185621	JUNGHEINRICH	MS277	537140R95	CASE	MS152
4763996	FIAT	MS195	50185642	JUNGHEINRICH	MG438	537140R95	CASE	MS170
4765931	FIAT	MG521	50185816	JUNGHEINRICH	MS322	5378176	TAM	MG627
4765933	FIAT	MG521	50249415	JUNGHEINRICH	MG102	537A0229	MECALAC	MS65
4765934	FIAT	MG521	50273	VALTRA (VALMET)	MG212	54022058A	MAGNETI MARELLI	MG216
4785538	VOLVO	MS322	50366500	HATZ	MG604	54022058B	MAGNETI MARELLI	MG216
4785539	VOLVO	MS322	504015749	IVECO	MS24	54022060A	MAGNETI MARELLI	MG216
4785541	VOLVO	MS319	504031929	IVECO	MS168	54022097A	MAGNETI MARELLI	MG212
4786913	FIAT	MG369	504038038	IVECO	MS389	54022097B	MAGNETI MARELLI	MG212
4787590	FIAT	MG42	504059251	IVECO	MS195	54022162	MAGNETI MARELLI	MG216
4787665	FIAT	MG43	504059251	IVECO	MS79	54022179	MAGNETI MARELLI	MG216
4787668	FIAT	MG521	504075799	IVECO	MG477	54022191	MAGNETI MARELLI	MG212
4787671	FIAT	MG521	504132109	FPT (IVECO)	MG267	54022192	MAGNETI MARELLI	MG216
4798447	FIAT	MG521	504193811	FPT (IVECO)	MG561	54022193	MAGNETI MARELLI	MG212
4800504	FIAT	MG521	504357109	IVECO	MS168	54022196	MAGNETI MARELLI	MG216
4807373	FIAT	MS388	504357110	IVECO	MS168	54022229	MAGNETI MARELLI	MG212
4807374	FIAT	MS187	50436476	IVECO	MS168	54022235	MAGNETI MARELLI	MG216
4807375	FIAT	MS195	50504501	HATZ	MG627	54022242	MAGNETI MARELLI	MG212
4807376	FIAT NEW HOLLAND	MS278	50582	STEINBOCK	MS322	54022242B	MAGNETI MARELLI	MG212
4807376	IVECO	MS278	50747	STEINBOCK	MS322	54022244	MAGNETI MARELLI	MG212
4807377	FIAT	MS389	50801333980	MERCURY	MS137	54022255	MAGNETI MARELLI	MG212
4807378	FIAT	MS387	50805991	MERCURY	MS148	54022262	MAGNETI MARELLI	MG212
4807379	FIAT	MS186	50854178	MERCURY	MS137	54022262A	MAGNETI MARELLI	MG212
4808497	IVECO	MG191	510-104	MOTOROLA	MG372	54022263	MAGNETI MARELLI	MG216
4808498	FIAT	MG191	510-105	MOTOROLA	MG372	54022282	MAGNETI MARELLI	MG212
4808498	FIAT	MG42	510-122	MOTOROLA	MG426	54022306	MAGNETI MARELLI	MG212
4808503	FIAT	MG156	5101645	FIAT	MG191	54022306B	MAGNETI MARELLI	MG212
4808505	FIAT	MG156	510-201	MOTOROLA	MG187	54022309	MAGNETI MARELLI	MG216
4808506	FIAT	MG521	510-211	MOTOROLA	MG187	54022336	MAGNETI MARELLI	MG283

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
54022336D	MAGNETI MARELLI	MG212	571506	SCANIA	MG183	6005016395	RENAULT/CLAAAS	MS220
54022337	MAGNETI MARELLI	MG283	571506	SCANIA	MG319	6005021272	RENAULT/CLAAAS	MS294
54022393	MAGNETI MARELLI	MG216	571515	SCANIA	MG183	6005021272	RENAULT/CLAAAS	MS345
54022419	MAGNETI MARELLI	MG241	571515	SCANIA	MG319	6005021272	RENAULT/CLAAAS	MS395
54022443	MAGNETI MARELLI	MG15	5716758	BOMAG	MG607	6005022635	RENAULT	MS264
54022468	MAGNETI MARELLI	MG560	5716778	BOMAG	MG111	6005700081	RENAULT/CLAAAS	MS294
54022483	MAGNETI MARELLI	MG212	5716783	BOMAG	MG344	6005700081	RENAULT/CLAAAS	MS345
54022510	MAGNETI MARELLI	MG216	5717201	BOMAG	MG314	6005700081	RENAULT/CLAAAS	MS395
54022525	MAGNETI MARELLI	MG525	5718062	BOMAG	MS30	6005700082	RENAULT/CLAAAS	MS267
54022528	MAGNETI MARELLI	MG283	5719269	BOMAG	MS65	6005700083	RENAULT	MG372
54022530	MAGNETI MARELLI	MG550	5719897	BOMAG	MS277	6005700084	RENAULT	MG124
54022531	MAGNETI MARELLI	MG550	5723515	BOMAG	MS252	6005700085	RENAULT	MG657
54022532	MAGNETI MARELLI	MG550	5726001	BOMAG	MS252	6005700086	RENAULT	MG478
54022552	MAGNETI MARELLI	MG216	5729385	BOMAG	MG473	6005700087	RENAULT	MG530
54022560	MAGNETI MARELLI	MG550	579395M91	MASSEY-FERGUSON	MS343	6005700723	RENAULT	MG478
54022561	MAGNETI MARELLI	MG550	579937M91	MASSEY-FERGUSON	MS94	6005700724	RENAULT	MG478
54022568	MAGNETI MARELLI	MG15	58400670	LOMBARDINI	MS313	6005700725	RENAULT	MG530
54022579	MAGNETI MARELLI	MG550	58400890	LOMBARDINI	MS252	6005701121	RENAULT	MG426
54022580	MAGNETI MARELLI	MG212	58401420	LOMBARDINI	MS359	6005701122	RENAULT	MG427
54022616	MAGNETI MARELLI	MG212	58402480	LOMBARDINI	MS359	6005701123	RENAULT	MG272
54022619	MAGNETI MARELLI	MG216	5920974	FIAT	MG258	6005701124	RENAULT	MG437
54022635	MAGNETI MARELLI	MG216	592769	VALEO	MG111	6005701125	RENAULT/CLAAAS	MS339
54022646	MAGNETI MARELLI	MG216	5955501	FIAT	MG535	6005701129	RENAULT	MG427
54022648	MAGNETI MARELLI	MG216	5958394	FIAT	MG535	6005706652	CLAAAS	MG604
54022663	MAGNETI MARELLI	MG216	5958395	FIAT	MG535	6033GB2009	BOSCH	MG597
54022664	MAGNETI MARELLI	MG86	5962647	FIAT	MG258	605576460	FIAT	MG490
54022666	MAGNETI MARELLI	MG216	596493R92	CASE	MS94	605710100103	MWM-DIESEL	MG438
54022682	MAGNETI MARELLI	MG550	5967595	FIAT	MG535	605710100109	MWM-DIESEL	MG124
54022776	MAGNETI MARELLI	MG560	5967596	FIAT	MG535	605710100112	MWM-DIESEL	MG627
541131	VALEO	MG272	5967965	FIAT	MG535	605710100130	MWM-DIESEL	MG517
5411656410	FUCHS	MS446	5972197	FIAT	MG258	605710100136	MWM-DIESEL	MG124
5411656410	FUCHS	MS65	5976915	FIAT	MG258	605710100146	MWM-DIESEL	MG627
5411656432	FUCHS	MS232	5999999676	SCHAEFFER	MG86	605710100149	MWM-DIESEL	MG604
5411656432	FUCHS	MS66	5999999677	SCHAEFFER	MG86	605710100161	MWM-DIESEL	MG604
5419867	TAM	MG627	6000100325	RENAULT	MG124	605720100008	MWM MOTORES DIESEL	MS330
54207287	MAGNETI MARELLI	MG550	6000102270	RENAULT/CLAAAS	MS220	605720100048	MWM MOTORES DIESEL	MS330
54208288	MAGNETI MARELLI	MG402	6000102364	RENAULT	MG437	605720100049	MWM-DIESEL	MS313
54209883	MAGNETI MARELLI	MG550	6000102394	RENAULT/CLAAAS	MS220	605720100050	MWM-DIESEL	MS313
54293277	MAGNETI MARELLI	MS95	6000130300	RENAULT	MG124	605720100071	MWM-DIESEL	MS351
54293280	MAGNETI MARELLI	MS294	6004AA3014	BOSCH	MS221	605720100083	MWM-DIESEL	MS353
54293280	MAGNETI MARELLI	MS345	6005000065	RENAULT	MG657	605720100084	DEUTZ DITER	MS300
54293280	MAGNETI MARELLI	MS395	6005003139	RENAULT	MG657	605720100084	MWM-DIESEL	MS300
54293284	MAGNETI MARELLI	MS347	6005003141	RENAULT	MG478	605720100093	MWM-DIESEL	MS313
5568656915	PERKINS	MS95	6005003142	RENAULT	MG478	605720100105	MWM-DIESEL	MS351
5568656928	PERKINS	MG86	6005003144	RENAULT	MG530	61000030020	STEYR	MG260
5568656928	SCHAEFFER	MG86	6005003145	RENAULT	MG426	61000090072	STEYR	MG604
563-02	RUGGERINI	MS330	6005003146	RENAULT	MG124	61000090073	STEYR	MG260
563-08	RUGGERINI	MS301	6005003149	RENAULT	MG124	6100316M91	MASSEY-FERGUSON	MG216
563-29	RUGGERINI	MS252	6005003150	RENAULT	MG478	6107010	LIEBHERR	MG604
563-50	RUGGERINI	MS359	6005003152	RENAULT/CLAAAS	MS351	61200090060	STEYR	MS265
563-51	RUGGERINI	MS390	6005003153	RENAULT	MS353	61200090091	STEYR	MS265
563-56	RUGGERINI	MS301	6005003153	RENAULT/CLAAAS	MS339	6145090001	STEYR	MG627
563-57	RUGGERINI	MS330	6005003154	RENAULT/CLAAAS	MS294	615411602	MERCEDES-BENZ	MG604
563-63	RUGGERINI	MS252	6005003154	RENAULT/CLAAAS	MS345	61541702	MERCEDES-BENZ	MG260
569018D1	AGCO	MS175	6005003154	RENAULT/CLAAAS	MS395	61542902	MERCEDES-BENZ	MG438
5710903	BOMAG	MS232	6005003155	RENAULT/CLAAAS	MS220	61920110	UTB (ROM)	MG605
5710903	BOMAG	MS386	6005003156	RENAULT/CLAAAS	MS220	6200662	LIEBHERR	MS232
5710960	BOMAG	MG209	6005003157	RENAULT	MG272	6200662	LIEBHERR	MS386
5712909	BOMAG	MS446	6005003763	RENAULT	MG124	6200827	LIEBHERR	MS232
5712909	BOMAG	MS65	6005007547	RENAULT	MG427	6200827	LIEBHERR	MS386
571450	SCANIA	MS265	6005007548	RENAULT/CLAAAS	MS267	6201347	LIEBHERR	MG260
571451	SCANIA	MS265	6005007750	RENAULT	MG372	6201367	LIEBHERR	MG260
571500	SCANIA	MG183	6005011692	RENAULT/CLAAAS	MG211	6201369	LIEBHERR	MG627
571500	SCANIA	MG319	6005011695	RENAULT	MG478	6201691M91	AGCO	MG316
571501	SCANIA	MG183	6005011729	RENAULT/CLAAAS	MS351	6205473	VOLVO	MG604
571501	SCANIA	MG319	6005012975	RENAULT	MS264	6209191	VOLVO	MG260
571503	SCANIA	MG183	6005012976	RENAULT/CLAAAS	MS264	6216925M91	AGCO	MG200
571503	SCANIA	MG319	6005012976	RENAULT/CLAAAS	MS89	6216927M91	AGCO	MG200
571505	SCANIA	MG183	6005014145	RENAULT/CLAAAS	MG211	6216929M91	AGCO	MG200
571505	SCANIA	MG319	6005016172	RENAULT/CLAAAS	MG211	6226486	VOLVO	MS265

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
6233	DUCELLIER	MS294	63226845	MAGNETI MARELLI	MS51	63300920	MAGNETI MARELLI	MG123
6233	DUCELLIER	MS345	63227413	MAGNETI MARELLI	MS51	63300921	MAGNETI MARELLI	MG123
6233	DUCELLIER	MS395	63227470	MAGNETI MARELLI	MS267	63303100	MAGNETI MARELLI	MG127
62990LJ	MASSEY-FERGUSON	MG562	63227477	MAGNETI MARELLI	MS385	63303110	MAGNETI MARELLI	MG127
63207159	MAGNETI MARELLI	MS388	63227477	MAGNETI MARELLI	MS395	63303140	MAGNETI MARELLI	MG127
63207161	MAGNETI MARELLI	MS388	63227478	MAGNETI MARELLI	MS347	63303191	MAGNETI MARELLI	MG127
63213815	MAGNETI MARELLI	MS195	63227479	MAGNETI MARELLI	MS385	63303192	MAGNETI MARELLI	MG127
63214308	MAGNETI MARELLI	MS177	63227479	MAGNETI MARELLI	MS395	63305300	MAGNETI MARELLI	MG127
63214333	MAGNETI MARELLI	MS177	63227479	MAGNETI MARELLI	MS95	63305100	MAGNETI MARELLI	MG258
63216701	MAGNETI MARELLI	MS387	63227480	MAGNETI MARELLI	MS267	63305101	MAGNETI MARELLI	MG535
63216702	MAGNETI MARELLI	MS177	63227486	MAGNETI MARELLI	MS347	63305120	MAGNETI MARELLI	MG258
63216725	MAGNETI MARELLI	MS387	63227487	MAGNETI MARELLI	MS95	63305130	MAGNETI MARELLI	MG258
63216726	MAGNETI MARELLI	MS387	63227488	MAGNETI MARELLI	MS267	63305131	MAGNETI MARELLI	MG535
63216727	MAGNETI MARELLI	MS387	63227508	MAGNETI MARELLI	MS272	63305206	MAGNETI MARELLI	MG191
63216731	MAGNETI MARELLI	MS387	63227510	MAGNETI MARELLI	MS294	63305226	MAGNETI MARELLI	MG191
63216733	MAGNETI MARELLI	MS177	63227510	MAGNETI MARELLI	MS345	63305236	MAGNETI MARELLI	MG156
63216740	MAGNETI MARELLI	MS186	63227510	MAGNETI MARELLI	MS395	63305256	MAGNETI MARELLI	MG191
63216741	MAGNETI MARELLI	MS186	63227512	MAGNETI MARELLI	MS184	63305401	MAGNETI MARELLI	MG535
63216802	MAGNETI MARELLI	MS366	63227512	MAGNETI MARELLI	MS91	63305405	MAGNETI MARELLI	MG258
63216816	MAGNETI MARELLI	MS354	63227515	MAGNETI MARELLI	MS294	63305425	MAGNETI MARELLI	MG258
63216817	MAGNETI MARELLI	MS294	63227515	MAGNETI MARELLI	MS345	63305431	MAGNETI MARELLI	MG535
63216817	MAGNETI MARELLI	MS345	63227515	MAGNETI MARELLI	MS395	63305506	MAGNETI MARELLI	MG156
63216817	MAGNETI MARELLI	MS395	63227518	MAGNETI MARELLI	MS347	63305526	MAGNETI MARELLI	MG156
63216825	MAGNETI MARELLI	MS195	63227520	MAGNETI MARELLI	MS347	63305536	MAGNETI MARELLI	MG156
63216826	MAGNETI MARELLI	MS195	63227522	MAGNETI MARELLI	MS243	63305802	MAGNETI MARELLI	MG521
63216827	MAGNETI MARELLI	MS195	63227523	MAGNETI MARELLI	MS294	63305822	MAGNETI MARELLI	MG521
63216831	MAGNETI MARELLI	MS192	63227523	MAGNETI MARELLI	MS345	63305832	MAGNETI MARELLI	MG521
63216831	MAGNETI MARELLI	MS195	63227523	MAGNETI MARELLI	MS395	63305842	MAGNETI MARELLI	MG521
63216833	MAGNETI MARELLI	MS366	63227528	MAGNETI MARELLI	MS51	63306000	MAGNETI MARELLI	MG369
63216873	MAGNETI MARELLI	MS278	63227539	MAGNETI MARELLI	MS294	63306050	MAGNETI MARELLI	MG369
63216876	MAGNETI MARELLI	MS58	63227539	MAGNETI MARELLI	MS345	63306060	MAGNETI MARELLI	MG369
63216896	MAGNETI MARELLI	MS278	63227539	MAGNETI MARELLI	MS395	63306070	MAGNETI MARELLI	MG369
63217101	MAGNETI MARELLI	MS388	63227540	MAGNETI MARELLI	MS243	63306079	MAGNETI MARELLI	MG369
63217104	MAGNETI MARELLI	MS187	63227541	MAGNETI MARELLI	MS294	63306089	MAGNETI MARELLI	MG369
63217110	MAGNETI MARELLI	MS391	63227541	MAGNETI MARELLI	MS345	63306300	MAGNETI MARELLI	MG369
63217121	MAGNETI MARELLI	MS107	63227541	MAGNETI MARELLI	MS395	63306301	MAGNETI MARELLI	MG369
63217125	MAGNETI MARELLI	MS388	63227564	MAGNETI MARELLI	MS418	63306350	MAGNETI MARELLI	MG369
63217126	MAGNETI MARELLI	MS388	63227565	MAGNETI MARELLI	MS294	63306360	MAGNETI MARELLI	MG369
63217138	MAGNETI MARELLI	MS300	63227565	MAGNETI MARELLI	MS345	63306370	MAGNETI MARELLI	MG369
63217147	MAGNETI MARELLI	MS187	63227565	MAGNETI MARELLI	MS395	63306379	MAGNETI MARELLI	MG369
63217148	MAGNETI MARELLI	MS187	63227568	MAGNETI MARELLI	MS294	63306389	MAGNETI MARELLI	MG369
63217156	MAGNETI MARELLI	MS274	63227568	MAGNETI MARELLI	MS345	63307100	MAGNETI MARELLI	MG258
63217158	MAGNETI MARELLI	MS190	63227568	MAGNETI MARELLI	MS395	63307101	MAGNETI MARELLI	MG535
63217163	MAGNETI MARELLI	MS300	63227569	MAGNETI MARELLI	MS346	63307120	MAGNETI MARELLI	MG258
63217173	MAGNETI MARELLI	MS391	63227571	MAGNETI MARELLI	MS243	63307125	MAGNETI MARELLI	MG535
63217180	MAGNETI MARELLI	MS392	63227582	MAGNETI MARELLI	MS243	63307131	MAGNETI MARELLI	MG535
63217201	MAGNETI MARELLI	MS389	63227585	MAGNETI MARELLI	MS347	63307206	MAGNETI MARELLI	MG191
63217225	MAGNETI MARELLI	MS389	63227587A	MAGNETI MARELLI	MS184	63307236	MAGNETI MARELLI	MG156
63217226	MAGNETI MARELLI	MS389	63227588	MAGNETI MARELLI	MS347	63307246	MAGNETI MARELLI	MG191
63217410	MAGNETI MARELLI	MS335	63227590	MAGNETI MARELLI	MS294	63307256	MAGNETI MARELLI	MG191
63221405	MAGNETI MARELLI	MS252	63227590	MAGNETI MARELLI	MS345	63307400	MAGNETI MARELLI	MG258
63221435	MAGNETI MARELLI	MS359	63227590	MAGNETI MARELLI	MS395	63307401	MAGNETI MARELLI	MG535
63224580	MAGNETI MARELLI	MS272	63227593	MAGNETI MARELLI	MS243	63307405	MAGNETI MARELLI	MG258
63224600	MAGNETI MARELLI	MS388	63227593A	MAGNETI MARELLI	MS243	63307407	MAGNETI MARELLI	MG258
63226273	MAGNETI MARELLI	MS243	63227596	MAGNETI MARELLI	MS347	63307425	MAGNETI MARELLI	MG258
63226323	MAGNETI MARELLI	MS294	63227598	MAGNETI MARELLI	MS294	63307427	MAGNETI MARELLI	MG258
63226323	MAGNETI MARELLI	MS345	63227598	MAGNETI MARELLI	MS345	63307431	MAGNETI MARELLI	MG535
63226323	MAGNETI MARELLI	MS395	63227598	MAGNETI MARELLI	MS395	63307450	MAGNETI MARELLI	MG258
63226345	MAGNETI MARELLI	MS294	63227602	MAGNETI MARELLI	MS294	63307460	MAGNETI MARELLI	MG258
63226345	MAGNETI MARELLI	MS345	63227602	MAGNETI MARELLI	MS345	63307470	MAGNETI MARELLI	MG258
63226345	MAGNETI MARELLI	MS395	63227602	MAGNETI MARELLI	MS395	63307506	MAGNETI MARELLI	MG156
63226405	MAGNETI MARELLI	MS294	63227604	MAGNETI MARELLI	MS152	63307526	MAGNETI MARELLI	MG156
63226405	MAGNETI MARELLI	MS345	63227604	MAGNETI MARELLI	MS170	63307536	MAGNETI MARELLI	MG156
63226405	MAGNETI MARELLI	MS395	63227604	MAGNETI MARELLI	MS272	63307801	MAGNETI MARELLI	MG521
63226406	MAGNETI MARELLI	MS294	63280040	MAGNETI MARELLI	MS289	63307802	MAGNETI MARELLI	MG521
63226406	MAGNETI MARELLI	MS345	63280041	MAGNETI MARELLI	MS399	63307805	MAGNETI MARELLI	MG288
63226406	MAGNETI MARELLI	MS395	63296357	MAGNETI MARELLI	MS347	63307821	MAGNETI MARELLI	MG156
63226410	MAGNETI MARELLI	MS294	63296865	MAGNETI MARELLI	MS195	63307822	MAGNETI MARELLI	MG521
63226410	MAGNETI MARELLI	MS345	63300900	MAGNETI MARELLI	MG123	63307832	MAGNETI MARELLI	MG521
63226410	MAGNETI MARELLI	MS395	63300901	MAGNETI MARELLI	MG123	63307841	MAGNETI MARELLI	MG156

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
63307862	MAGNETI MARELLI	MG521	63321468	MAGNETI MARELLI	MG562	7026025A	LIEBHERR	MS232
63308300	MAGNETI MARELLI	MG369	63321503	MAGNETI MARELLI	MG515	7026025A	LIEBHERR	MS566
63308310	MAGNETI MARELLI	MG369	63321637	MAGNETI MARELLI	MG127	703F11000AA	FORD NEW HOLLAND	MS346
63308320	MAGNETI MARELLI	MG369	63321637	MAGNETI MARELLI	MG42	705731A1	McCORMICK	MG139
63308330	MAGNETI MARELLI	MG369	63321733	MAGNETI MARELLI	MG404	705755A1	ARGO	MS101
63308340	MAGNETI MARELLI	MG369	63321743	MAGNETI MARELLI	MG404	705755A1	McCORMICK	MS101
63308350	MAGNETI MARELLI	MG369	63321753	MAGNETI MARELLI	MG404	706022A1	LANDINI	MS4
63308360	MAGNETI MARELLI	MG369	63321817	MAGNETI MARELLI	MG404	710366A1	McCORMICK	MG330
63308370	MAGNETI MARELLI	MG369	63322662	MAGNETI MARELLI	MG86	714/01003	JCB	MG212
63308380	MAGNETI MARELLI	MG369	63324157	MAGNETI MARELLI	MG102	714/10800	JCB	MG212
63320004	MAGNETI MARELLI	MG535	63324161	MAGNETI MARELLI	MG216	714/2590	JCB	MS418
63320005	MAGNETI MARELLI	MG535	63324245	MAGNETI MARELLI	MG212	714/29300R	JCB	MS347
63320006	MAGNETI MARELLI	MG535	63324256	MAGNETI MARELLI	MG207	714/29500	JCB	MS345
63320007	MAGNETI MARELLI	MG258	63324273	MAGNETI MARELLI	MG283	714/29500	JCB	MS395
63320008	MAGNETI MARELLI	MG258	63324274	MAGNETI MARELLI	MG283	714/31500	JCB	MG84
63320013	MAGNETI MARELLI	MG515	63324294	MAGNETI MARELLI	MG212	714/32200	JCB	MG560
63320015	MAGNETI MARELLI	MG521	63324294	MAGNETI MARELLI	MG402	714/35600	JCB	MS86
63320021	MAGNETI MARELLI	MG191	63324295	MAGNETI MARELLI	MG526	714/40148	JCB	MG212
63320023	MAGNETI MARELLI	MG515	63324384	MAGNETI MARELLI	MG525	714/40153	JCB	MG560
63320025	MAGNETI MARELLI	MG369	63324400	MAGNETI MARELLI	MG212	714/40154	JCB	MG560
63320028	MAGNETI MARELLI	MG535	63324400	MAGNETI MARELLI	MG550	714/40155	JCB	MG560
63320031	MAGNETI MARELLI	MG258	63324407	MAGNETI MARELLI	MG212	714/40159	JCB	MS151
63320035	MAGNETI MARELLI	MG535	63324924	MAGNETI MARELLI	MG235	714/40159	JCB	MS399
63320037	MAGNETI MARELLI	MG515	63340009	MAGNETI MARELLI	MG403	714/40159R	JCB	MS399
63320049	MAGNETI MARELLI	MG521	63340015	MAGNETI MARELLI	MG15	714/40231	JCB	MS399
63320102	MAGNETI MARELLI	MG432	63341285	MAGNETI MARELLI	MG15	714/40476	JCB	MG212
63320124	MAGNETI MARELLI	MG515	63358020	MAGNETI MARELLI	MG239	714/40531	JCB	MS399
63320137	MAGNETI MARELLI	MG515	63377461	MAGNETI MARELLI	MG560	714/40536	JCB	MS399
63320317	MAGNETI MARELLI	MG560	63377462	MAGNETI MARELLI	MG560	71542302	MERCEDES-BENZ	MG158
63321003	MAGNETI MARELLI	MG535	63377463	MAGNETI MARELLI	MG560	71542702	MERCEDES-BENZ	MG100
63321004	MAGNETI MARELLI	MG535	63377464	MAGNETI MARELLI	MG560	71YB11000AA	FORD NEW HOLLAND	MS346
63321005	MAGNETI MARELLI	MG535	63394551	MAGNETI MARELLI	MG515	720534	ZASTAVA	MS190
63321006	MAGNETI MARELLI	MG535	63396560	MAGNETI MARELLI	MG515	720543	ZASTAVA	MS392
63321007	MAGNETI MARELLI	MG535	63396566	MAGNETI MARELLI	MG515	727549	O&K	MG438
63321008	MAGNETI MARELLI	MG258	63396567	MAGNETI MARELLI	MG515	73327987	FIAT	MG540
63321009	MAGNETI MARELLI	MG258	63501270	MAGNETI MARELLI	MS359	73401608	FIAT	MG404
63321011	MAGNETI MARELLI	MG127	63522235	MAGNETI MARELLI	MS78	7421309000	KAESSBOHRER	MG260
63321019	MAGNETI MARELLI	MG521	6352235040	MAGNETI MARELLI	MS78	74213111000	KAESSBOHRER	MG627
63321020	MAGNETI MARELLI	MG524	63522300	MAGNETI MARELLI	MS79	7421315000	KAESSBOHRER	MG203
63321021	MAGNETI MARELLI	MG156	63522300070	MAGNETI MARELLI	MS79	7421324000	KAESSBOHRER	MG368
63321031	MAGNETI MARELLI	MG521	63522310	MAGNETI MARELLI	MS68	7421341000	KAESSBOHRER	MG100
63321035	MAGNETI MARELLI	MG191	63522310180	MAGNETI MARELLI	MS68	744648	O&K	MS386
63321036	MAGNETI MARELLI	MG191	64013708	ELTRA	MS320	745011	MANITOU	MS347
63321037	MAGNETI MARELLI	MG191	646218	MERCURY	MS94	7533853	FIAT	MG535
63321040	MAGNETI MARELLI	MG515	6510784M92	LANDINI	MG223	7541823	FIAT	MG535
63321041	MAGNETI MARELLI	MG156	65GB10300LA	FORD NEW HOLLAND	MG404	7552549	FIAT	MG535
63321042	MAGNETI MARELLI	MG515	66021136	PRESTOLITE	MG212	7565244	FIAT	MG191
63321046	MAGNETI MARELLI	MG369	66021601	PRESTOLITE	MG279	7565398	FIAT	MG535
63321047	MAGNETI MARELLI	MG369	66021605	PRESTOLITE	MG283	7565588	FIAT	MG535
63321048	MAGNETI MARELLI	MG369	66021636	FIAT	MG212	7575998	FIAT	MG258
63321049	MAGNETI MARELLI	MG369	6632415	BOBCAT	MS293	7580207	FIAT	MG535
63321050	MAGNETI MARELLI	MG369	6632415	BOBCAT	MS416	7664	EPEL	MS190
63321052	MAGNETI MARELLI	MG369	6632415	CLARK	MS293	7667795	FIAT	MG535
63321055	MAGNETI MARELLI	MG369	66510522A	VM MOTORI	MS392	7700004148	RENAULT	MG124
63321058	MAGNETI MARELLI	MG535	6651258	BOBCAT	MS94	7700008712	RENAULT	MG478
63321061	MAGNETI MARELLI	MG258	6651664	BOBCAT	MS94	7700009011	RENAULT	MG530
63321063	MAGNETI MARELLI	MG369	6706931	FIAT	MS389	7700009012	RENAULT	MG478
63321078	MAGNETI MARELLI	MG127	6853810	CLAAS	MS193	7700010614	RENAULT	MG372
63321079	MAGNETI MARELLI	MG515	6854980	CLAAS	MG604	7700011850	RENAULT/CLAAS	MS294
63321095	MAGNETI MARELLI	MG258	69185771	ZETOR	MS184	7700011850	RENAULT/CLAAS	MS345
63321099	MAGNETI MARELLI	MG521	69311	DELCO REMY	MS30	7700011850	RENAULT/CLAAS	MS395
63321104	MAGNETI MARELLI	MG369	69X51907A	JOHN DEERE	MG482	7700012722	RENAULT	MG478
63321112	MAGNETI MARELLI	MG127	69X51908A	JOHN DEERE	MG482	7700012723	RENAULT	MG124
63321189	MAGNETI MARELLI	MG432	69X56677B	JOHN DEERE	MG279	7700012969	RENAULT	MG272
63321346	MAGNETI MARELLI	MG15	700336A1	ARGO	MS151	7700014145	RENAULT/CLAAS	MG211
63321347	MAGNETI MARELLI	MG246	700336A1	LANDINI	MS151	7700017032	RENAULT	MG372
63321424	MAGNETI MARELLI	MG515	700336A1	McCORMICK	MS151	7700017041	RENAULT	MG272
63321428	MAGNETI MARELLI	MG515	700716218	FORD NEW HOLLAND	MG233	7700017781	RENAULT	MG478
63321458	MAGNETI MARELLI	MG515	701820A1	McCORMICK	MG233	7700026780	RENAULT/CLAAS	MS351
63321466	MAGNETI MARELLI	MG560	701820A1	McCORMICK	MG83	7700034493	RENAULT	MG478

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
7700034498	RENAULT	MG478	77323410	FIAT	MG258	82014160	SPERRY NEW HOLLAND	MS25
7700034499	RENAULT	MG530	77338410	FIAT	MG258	82014508	CASE	MG404
7700034500	RENAULT	MG478	77367410	FIAT	MG535	82014508	NEW HOLLAND	MG404
7700042474	RENAULT	MG435	77367411	FIAT	MG535	82015723	FIAT	MS25
7700044184	RENAULT/CLAAS	MS264	7740560	FIAT	MS387	82015723	FIAT	MS357
7700044184	RENAULT/CLAAS	MS89	77414430	FIAT	MS387	82015723	FORD NEW HOLLAND	MS357
7700045291	RENAULT/CLAAS	MS358	77414431	FIAT	MS387	82020011	FIAT	MG286
7700046783	RENAULT/CLAAS	MG435	77444430	FIAT	MS387	82020011	FIAT	MG404
7700046893	RENAULT/CLAAS	MS351	774452	PEGASO (ENASA)	MG183	82032859	FORD NEW HOLLAND	MS138
7700047132	RENAULT/CLAAS	MS45	77445430	FIAT	MS387	82032623	FIAT	MG28
7700048828	RENAULT/CLAAS	MG108	77452410	FIAT	MG521	82032625	AGCO	MG539
7700052677	RENAULT/CLAAS	MS350	77510410	FIAT	MG258	82033635	FIAT	MS24
7700053087	RENAULT/CLAAS	MG388	77510411	FIAT	MG258	82665410	VALTRA DO BRASIL	MG39
7700058809	RENAULT	MG278	77515410	FIAT	MG191	8281880M93	MASSEY-FERGUSON	MG52
7700058810	RENAULT	MG388	77515410	FIAT	MG43	82847572	FIAT	MG123
7700061622	RENAULT/CLAAS	MS45	77515411	FIAT	MG156	82857207	FORD NEW HOLLAND	MG207
7700066115	CLAAS	MS44	7755558	FIAT	MG535	82980757	SPERRY NEW HOLLAND	MS78
7700066115	RENAULT/CLAAS	MS45	78350925	ZETOR	MS281	835330965	VALTRA (VALMET)	MS214
7700067836	RENAULT/CLAAS	MS110	78350925	ZETOR	MS34	835331592	MASSEY-FERGUSON	MS184
7700068173	CLAAS	MS138	79.03.020	TUMOSAN	MG156	83632800	AGCO	MG212
7700068173	RENAULT/CLAAS	MS138	7901820	CLAAS	MG438	83632800	VALTRA (VALMET)	MG212
7700068501	RENAULT/CLAAS	MG327	79141	WIRTGEN	MS66	836640927	VALTRA (VALMET)	MG177
7700071558	RENAULT/CLAAS	MG339	7984930	CLAAS	MG52	836640940	VALTRA (VALMET)	MS91
7700072251	CLAAS	MS44	80337918	ZETOR	MS476	836640949	VALTRA (VALMET)	MS91
7700073467	RENAULT/CLAAS	MG332	80350911	URSUS	MS309	836664064	VALTRA (VALMET)	MG176
7700074533	RENAULT/CLAAS	MG484	80357918	ZETOR	MS309	836664354	AGCO	MS214
7700076731	RENAULT/CLAAS	MS43	805760	JUNGHEINRICH	MG86	836666039	AGCO POWER (SISU)	MG178
77000501670	RENAULT/CLAAS	MS351	805760	KRAMER	MG86	836666225	AGCO POWER (SISU)	MG177
77000519797	RENAULT	MS353	808899	KRAMER	MS30	836666226	AGCO POWER (SISU)	MG178
77000519797	RENAULT/CLAAS	MS339	8091293M91	MASSEY-FERGUSON	MS369	836666721	AGCO POWER (SISU)	MG178
77000519797	RENAULT/CLAAS	MS351	81261016009	MAN	MG183	836667507	AGCO	MS225
77000525064	RENAULT/CLAAS	MS351	81261016009	MAN	MG319	836866817	AGCO POWER (SISU)	MS175
77000525547	RENAULT/CLAAS	MS339	81261016012	MAN	MG260	836873088	AGCO	MS175
77000591911	RENAULT	MG478	81261016013	MAN	MG260	836873457	AGCO	MS175
77000627394	RENAULT/CLAAS	MS351	81261016014	MAN	MG183	83949348	NEW HOLLAND	MS346
77000636368	RENAULT	MG657	81261016014	MAN	MG319	83961474	FORD NEW HOLLAND	MG207
77000636369	RENAULT	MG657	81261016025	MAN	MG627	83981923	NEW HOLLAND	MS346
77000665435	RENAULT	MG124	81261016027	MAN	MG368	83999794	FORD NEW HOLLAND	MG525
77000681836	RENAULT	MG657	81261016039	MAN	MG604	84036631	SPERRY NEW HOLLAND	MS268
77000683200	RENAULT	MG478	8157761	STEINBOCK	MS86	84151331	NEW HOLLAND	MS168
7701013039	RENAULT/CLAAS	MS309	815970	IMR	MS548	84224935	FIAT	MS388
7701015006	RENAULT	MG260	8160012	STEINBOCK	MS95	84254289	FIAT	MG274
7701019038	RENAULT/CLAAS	MS274	8160418	STEINBOCK	MG86	84254290	CASE	MG137
7701028780	RENAULT/CLAAS	MS267	817788	IMR	MG627	84284540	CASE	MS175
7701028801	RENAULT	MG372	81863039	FORD NEW HOLLAND	MG283	84296693	FIAT	MG515
7701028804	RENAULT	MG427	81866002	FORD NEW HOLLAND	MS357	84296707	FIAT	MG515
7701030289	RENAULT/CLAAS	MS267	81868126	FORD NEW HOLLAND	MS268	84334162	SPERRY NEW HOLLAND	MS440
7701031686	RENAULT/CLAAS	MS294	81868798	FORD NEW HOLLAND	MG283	84402416	FIAT	MG515
7701031686	RENAULT/CLAAS	MS345	82000689	FORD NEW HOLLAND	MG525	84402418	FIAT	MG515
7701031686	RENAULT/CLAAS	MS395	82001259	NEW HOLLAND	MG246	84402419	FIAT	MG515
7701032400	RENAULT	MG427	82001260	FORD NEW HOLLAND	MG525	84416587	FIAT	MG274
7702242	FIAT	MG535	82002327	FORD NEW HOLLAND	MG378	84416590	FIAT	MG137
77028560	FIAT	MS187	82002328	FORD NEW HOLLAND	MG379	84530361	FIAT	MG212
7704001233	RENAULT	MG478	82002329	FORD NEW HOLLAND	MG246	84990890	FIAT	MG200
77040560	FIAT	MS387	82003307	FORD NEW HOLLAND	MG15	857472	PRESTOLITE	MS265
77040561	FIAT	MS387	82003307	NEW HOLLAND	MG15	859534	PRESTOLITE	MS325
77050262	FIAT	MS186	82003307	NEW HOLLAND	MG246	859535	PRESTOLITE	MS265
77050550	FIAT	MG369	82005342	FIAT	MS357	859539	PRESTOLITE	MS386
77050561	FIAT	MS389	82005342	FORD NEW HOLLAND	MS357	859542	PRESTOLITE	MS186
77050562	FIAT	MS186	82005342	NEW HOLLAND	MS346	860000	DELCO REMY	MG137
77065560	FIAT	MS177	82005343	FORD NEW HOLLAND	MS268	860318	PRESTOLITE	MS242
77080560	FIAT	MS387	82007917	FORD NEW HOLLAND	MS357	860714	PRESTOLITE	MS289
77080560	FIAT	MS389	820089	DELCO REMY	MS293	860715	PRESTOLITE	MS399
77080561	FIAT	MS389	820089	DELCO REMY	MS89	861001	PRESTOLITE	MG627
77097430	FIAT	MS177	82010242	NEW HOLLAND	MG15	86350913	ZETOR	MS476
77138410	FIAT	MG127	82010243	NEW HOLLAND	MG246	86529327	FIAT	MG470
77145410	FIAT	MG123	82013134	SPERRY NEW HOLLAND	MS25	86546257	NEW HOLLAND	MG233
77211411	FIAT	MG258	8201323	FIAT	MS268	86975726	FIAT	MG470
77250410	FIAT	MG123	82013922	FORD NEW HOLLAND	MS357	86975726	NEW HOLLAND	MG470
77320410	FIAT	MG535	82013923	FORD NEW HOLLAND	MS268	87020406	CASE	MG477

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
87311822	IVECO	MG223	9120060040	BOSCH	MG482	943252217	MAGNETI MARELLI	MS277
87311827	FIAT	MG453	9120060041	BOSCH	MG233	943252228	MAGNETI MARELLI	MS186
87318759	FIAT	MS25	9120060041	BOSCH	MG482	943252244	MAGNETI MARELLI	MS193
87337538	FIAT	MS168	9120060042	BOSCH	MG477	943252256	MAGNETI MARELLI	MS264
87361082	CASE	MG286	9120060045	BOSCH	MG84	943252256	MAGNETI MARELLI	MS89
87361085	FIAT	MG404	9120080101	BOSCH	MG126	943252276	MAGNETI MARELLI	MS351
87371504	FIAT	MG561	9120080104	BOSCH	MG368	943252277	MAGNETI MARELLI	MS272
87376493	FIAT	MS195	9120080116	BOSCH	MG512	943252282	MAGNETI MARELLI	MS353
87398251	FIAT	MS24	9120080118	BOSCH	MG512	943252295	MAGNETI MARELLI	MS312
87418225	FIAT	MG490	9120080126	BOSCH	MG368	943252295	MAGNETI MARELLI	MS89
87418226	FIAT	MG269	9120080135	BOSCH	MG187	943252298	MAGNETI MARELLI	MS276
87422777	NEW HOLLAND	MG274	9120080175	BOSCH	MG512	943300920	MAGNETI MARELLI	MG123
87452821	FIAT	MG52	9120080181	BOSCH	MG368	943303100	MAGNETI MARELLI	MG127
87565015	FIAT	MG35	9120080183	BOSCH	MG126	943305226	MAGNETI MARELLI	MG191
87565015	RENAULT/CLAAAS	MG225	9120144209	BOSCH	MG258	943307236	MAGNETI MARELLI	MG191
87592254	FIAT	MG470	9120144239	BOSCH	MG258	943308300	MAGNETI MARELLI	MG369
87592254	NEW HOLLAND	MG470	9120331502	BOSCH	MG372	943320021	MAGNETI MARELLI	MG191
87667991	FIAT	MG35	9120331854	BOSCH	MG426	943320023	MAGNETI MARELLI	MG156
87693781	NEW HOLLAND	MS175	9120331864	BOSCH	MG426	943320025	MAGNETI MARELLI	MG369
87708176	FIAT	MG480	9120331872	BOSCH	MG426	943320049	MAGNETI MARELLI	MG521
87708178	FIAT	MG481	9120331901	BOSCH	MG372	943321003	MAGNETI MARELLI	MG535
87745604	FIAT	MG233	9120331913	BOSCH	MG372	943321004	MAGNETI MARELLI	MG535
87751000	FIAT	MS175	91295372	ATLAS COPCO	MS293	943321006	MAGNETI MARELLI	MG123
87751000	NEW HOLLAND	MS175	9142780	MAGNETON	MS185	943321007	MAGNETI MARELLI	MG535
87751792	FIAT	MG626	9144722	MAGNETON	MS184	943321010	MAGNETI MARELLI	MG258
87800219	FIAT	MG550	9144742	MAGNETON	MS309	943321011	MAGNETI MARELLI	MG258
88205005	FIAT	MS388	9144763	MAGNETON	MS281	943321019	MAGNETI MARELLI	MG521
88205006	FIAT	MS195	9144763	MAGNETON	MS34	943321020	MAGNETI MARELLI	MG521
88205018	FIAT	MS366	91448C2	CASE	MG490	943321021	MAGNETI MARELLI	MG521
88206020	FIAT	MG369	9172780	MAGNETON	MS360	943321037	MAGNETI MARELLI	MG191
88261016204	MAN	MG260	91902C1	CASE	MS117	943321041	MAGNETI MARELLI	MG156
88601600	MASSEY-FERGUSON	MS52	920001103	MINSK (BELARUS)	MS185	943321042	MAGNETI MARELLI	MG156
88647700	VALTRA DO BRASIL	MG39	92281C1	CASE	MG212	943321061	MAGNETI MARELLI	MG258
887057R2	MASSEY-FERGUSON	MS343	92292C1	CASE	MG212	943321068	MAGNETI MARELLI	MG535
8961386	FIAT	MS177	92294C1	DAVID BROWN (CASE)	MG236	943321071	MAGNETI MARELLI	MG258
8962534	FIAT	MS177	933258	ZETOR	MS184	943321095	MAGNETI MARELLI	MG258
8962687	FIAT	MS366	943216731	MAGNETI MARELLI	MS387	943356019	MAGNETI MARELLI	MG187
89685300	AGCO	MG52	943216748	MAGNETI MARELLI	MS187	943356054	MAGNETI MARELLI	MG239
89821291	FORD NEW HOLLAND	MS357	943216818	MAGNETI MARELLI	MS220	943356055	MAGNETI MARELLI	MG427
8LHA2071V	MOTOROLA	MG577	943216831	MAGNETI MARELLI	MS195	943356100	MAGNETI MARELLI	MG400
8LHA2071VA	MOTOROLA	MG577	943216896	MAGNETI MARELLI	MS278	943356118	MAGNETI MARELLI	MG426
8LHA2071VS	MOTOROLA	MG577	943217121	MAGNETI MARELLI	MS107	943356119	MAGNETI MARELLI	MG258
8SC2223V	PRESTOLITE	MG470	943217126	MAGNETI MARELLI	MS388	943356136	MAGNETI MARELLI	MG258
8SC2223VG	PRESTOLITE	MG470	943217147	MAGNETI MARELLI	MS187	943356169	MAGNETI MARELLI	MG426
8SC2282V	PRESTOLITE	MG470	943217148	MAGNETI MARELLI	MS187	943356188	MAGNETI MARELLI	MG17
8SC2282VG	PRESTOLITE	MG470	943217226	MAGNETI MARELLI	MS389	943356204	MAGNETI MARELLI	MG241
9000083000	BOSCH	MS4	943217407	MAGNETI MARELLI	MS220	943356231	MAGNETI MARELLI	MG183
9000083014	BOSCH	MS280	943217410	MAGNETI MARELLI	MS335	943356231	MAGNETI MARELLI	MG319
9000083027	BOSCH	MS280	943217425	MAGNETI MARELLI	MS301	943356274	MAGNETI MARELLI	MG123
9000083028	BOSCH	MS193	943226294	MAGNETI MARELLI	MS347	943356305	MAGNETI MARELLI	MG191
9000083029	BOSCH	MS280	943226329	MAGNETI MARELLI	MS347	943356316	MAGNETI MARELLI	MG258
9000083036	BOSCH	MS349	943226348	MAGNETI MARELLI	MS347	943356353	MAGNETI MARELLI	MG127
9000083053	BOSCH	MS280	943226357	MAGNETI MARELLI	MS347	943356445	MAGNETI MARELLI	MG187
9000083054	BOSCH	MS193	943226359	MAGNETI MARELLI	MS347	943356531	MAGNETI MARELLI	MG236
9000083056	BOSCH	MS349	943226366	MAGNETI MARELLI	MS347	943356605	MAGNETI MARELLI	MG512
9000083072	BOSCH	MS4	943226369	MAGNETI MARELLI	MS347	943356630	MAGNETI MARELLI	MG426
9000083077	BOSCH	MS310	943227502	MAGNETI MARELLI	MS347	943356637	MAGNETI MARELLI	MG239
9000143002	BOSCH	MS353	943227518	MAGNETI MARELLI	MS347	943356639	MAGNETI MARELLI	MG239
9000143416	BOSCH	MS294	943227520	MAGNETI MARELLI	MS347	943356645	MAGNETI MARELLI	MG258
9000143416	BOSCH	MS345	943227524	MAGNETI MARELLI	MS347	943356708	MAGNETI MARELLI	MG158
9000143416	BOSCH	MS395	943227570	MAGNETI MARELLI	MS347	943356797	MAGNETI MARELLI	MG512
9000453082	BOSCH	MS349	943227572	MAGNETI MARELLI	MS347	943356806	MAGNETI MARELLI	MG535
9002904386	VOLVO	MS30	943252071	MAGNETI MARELLI	MS277	943357256	MAGNETI MARELLI	MG289
9007044014	BOSCH	MS25	943252075	MAGNETI MARELLI	MS347	943357705	MAGNETI MARELLI	MG183
90158007	HAKO	MG438	943252076	MAGNETI MARELLI	MS347	943357708	MAGNETI MARELLI	MG183
905720100074	CASE	MS349	943252204	MAGNETI MARELLI	MS220	943357708	MAGNETI MARELLI	MG319
905720100074	MWM-DIESEL	MS349	943252205	MAGNETI MARELLI	MS386	943358020	MAGNETI MARELLI	MG239
905720100079	MWM-DIESEL	MS310	943252206	MAGNETI MARELLI	MS193	9515110	MAGNETON	MG233
910886	CLARK	MS94	943252207	MAGNETI MARELLI	MS265	9515112	MAGNETON	MG233
9120060039	BOSCH	MG84	943252216	MAGNETI MARELLI	MS108	9516693	MAGNETON	MG604

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
95607228	CITROEN	MG258	9X0341	CATERPILLAR	MG13	AAG1362	ISKRA	MG124
957340EX	CASE	MS51	A11543	FSO	MG535	AAG1401	ISKRA	MG400
95VB10300BB	FORD NEW HOLLAND	MG246	A11R4	PARIS-RHONE	MG124	AAG1403	ISKRA	MG400
95VB10300BC	FORD NEW HOLLAND	MG246	A12R17	PARIS-RHONE	MG657	AAG5104	ISKRA	MG75
9643382M1	MASSEY-FERGUSON	MS267	A12R42	PARIS-RHONE	MG657	AAG5116	ISKRA	MG67
9674	EFEL	MS274	A12R57	PARIS-RHONE	MG124	AAG5119	ISKRA	MG566
9705428	FIAT	MG490	A13E25	PARIS-RHONE	MG535	AAG5132	ISKRA	MG67
976111	ZETOR	MS184	A13N11	PARIS-RHONE	MG183	AAG5133	ISKRA	MG67
976116	ZETOR	MS184	A13N11	PARIS-RHONE	MG319	AAG5135	ISKRA	MG75
976117	ZETOR	MS184	A13N165	PARIS-RHONE	MG111	AAK1102	ISKRA	MG187
9824834	FIAT	MG490	A13N221	PARIS-RHONE	MG258	AAK1105	ISKRA	MG187
98417133	FIAT	MG369	A13N255	PARIS-RHONE	MG111	AAK1107	ISKRA	MG368
98417134	FIAT	MG369	A13N257	PARIS-RHONE	MG114	AAK1109	ISKRA	MG627
98417201	FIAT	MG369	A13N271	PARIS-RHONE	MG111	AAK1110	ISKRA	MG369
992235	FIAT	MG535	A13N273	PARIS-RHONE	MG607	AAK1115	ISKRA	MG627
99457034	FIAT	MG515	A13N275	PARIS-RHONE	MG530	AAK1116	ISKRA	MG42
99457074	IVECO	MG515	A13N277	PARIS-RHONE	MG478	AAK1117	ISKRA	MG43
99461495	IVECO	MG515	A13N278	PARIS-RHONE	MG478	AAK1118	ISKRA	MG187
99478834	FIAT	MG515	A13N279	PARIS-RHONE	MG530	AAK1123	ISKRA	MG535
99478834	NEW HOLLAND	MG515	A13N42	PARIS-RHONE	MG258	AAK1135	ISKRA	MG127
9972215	FIAT	MS195	A13N69	PARIS-RHONE	MG478	AAK1143	ISKRA	MG187
9972215	FIAT NEW HOLLAND	MS278	A13N76	PARIS-RHONE	MG530	AAK1144	ISKRA	MG187
99755	VALEO	MG183	A13R173	PARIS-RHONE	MG478	AAK1153	ISKRA	MG206
9AL2826K	MOTOROLA	MG657	A13R214	PARIS-RHONE	MG183	AAK1163	ISKRA	MG535
9AL3955G	MOTOROLA	MG369	A13R214	PARIS-RHONE	MG319	AAK1171	ISKRA	MG535
9AR2517K	MOTOROLA	MG187	A13R259	PARIS-RHONE	MG258	AAK1172	ISKRA	MG535
9AR2518F	MOTOROLA	MG187	A14N100M	PARIS-RHONE	MG17	AAK1182	ISKRA	MG604
9AR2527K	MOTOROLA	MG187	A14N110	PARIS-RHONE	MG17	AAK1189	ISKRA	MG626
9AR2547F	MOTOROLA	MG462	A14N119	PARIS-RHONE	MG17	AAK1193	ISKRA	MG228
9AR2562K	MOTOROLA	MG427	A14N119M	PARIS-RHONE	MG17	AAK1205	ISKRA	MG206
9AR2566G	MOTOROLA	MG462	A14N133	PARIS-RHONE	MG183	AAK1228	ISKRA	MG288
9AR2570	MOTOROLA	MG426	A14N133	PARIS-RHONE	MG319	AAK1301	ISKRA	MG126
9AR2612G	MOTOROLA	MG372	A14N19	PARIS-RHONE	MG478	AAK1312	ISKRA	MG314
9AR2613F	MOTOROLA	MG372	A14N37	PARIS-RHONE	MG530	AAK1324	ISKRA	MG348
9AR2620	MOTOROLA	MG426	A14N39	PARIS-RHONE	MG183	AAK1325	ISKRA	MG590
9AR2627	MOTOROLA	MG426	A14N39	PARIS-RHONE	MG319	AAK1326	ISKRA	MG192
9AR2629	MOTOROLA	MG426	A14R33	PARIS-RHONE	MG183	AAK1329	ISKRA	MG590
9AR2630K	MOTOROLA	MG426	A14R33	PARIS-RHONE	MG426	AAK1333	ISKRA	MG176
9AR2636G	MOTOROLA	MG187	A162469	CASE	MS117	AAK1336	ISKRA	MG209
9AR2650	MOTOROLA	MG426	A181873	NIKKO	MG279	AAK1337	ISKRA	MG554
9AR2652	MOTOROLA	MG426	A186125	CASE	MG279	AAK1338	ISKRA	MG525
9AR2654	MOTOROLA	MG426	A186180	CASE	MS418	AAK1339	ISKRA	MG526
9AR2673K	MOTOROLA	MG258	A186180	FIAT	MS418	AAK1341	ISKRA	MG207
9AR2700	MOTOROLA	MG426	A187549	CASE	MS148	AAK1342	ISKRA	MG605
9AR2701	MOTOROLA	MG426	A187597	CASE	MS271	AAK1343	ISKRA	MG283
9AR2703	MOTOROLA	MG426	A187623	CASE	MG13	AAK1344	ISKRA	MG283
9AR2705	MOTOROLA	MG426	A187623	CASE	MG233	AAK1345	ISKRA	MG207
9AR2707G	MOTOROLA	MG426	A187623	NIKKO	MG13	AAK1347	ISKRA	MG289
9AR2726G	MOTOROLA	MG187	A187728	CASE	MS117	AAK1352	ISKRA	MG260
9AR2729F	MOTOROLA	MG478	A187873	CASE	MG279	AAK1354	ISKRA	MG378
9AR2799G	MOTOROLA	MG124	A187873	NIKKO	MG279	AAK1355	ISKRA	MG379
9AR2883G	MOTOROLA	MG187	A188590A1	CASE	MG403	AAK1356	ISKRA	MG278
9AR2896G	MOTOROLA	MG187	A231295A1	CASE	MG402	AAK1358	ISKRA	MG592
9AR2919P	MOTOROLA	MG110	A47496	CASE	MS148	AAK1363	ISKRA	MG279
9AR2951L	MOTOROLA	MG156	AAG0403	ISKRA	MG535	AAK1367	ISKRA	MG100
9AR2964K	MOTOROLA	MG258	AAG1104	ISKRA	MG123	AAK1369	ISKRA	MG17
9AR2984	MOTOROLA	MG228	AAG1111	ISKRA	MG372	AAK1370	ISKRA	MG604
9AR3668G	MOTOROLA	MG183	AAG1130	ISKRA	MG437	AAK1373	ISKRA	MG86
9AR3668G	MOTOROLA	MG319	AAG1301	ISKRA	MG124	AAK1374	ISKRA	MG158
9AR3868G	MOTOROLA	MG183	AAG1307	ISKRA	MG371	AAK1378	ISKRA	MG659
9AR3868G	MOTOROLA	MG319	AAG1310	ISKRA	MG462	AAK1387	ISKRA	MG84
9AR5006G	MOTOROLA	MG123	AAG1311	ISKRA	MG124	AAK1388	ISKRA	MG235
9AR5037L	MOTOROLA	MG228	AAG1314	ISKRA	MG195	AAK1398	ISKRA	MG319
9AR5044K	MOTOROLA	MG187	AAG1321	ISKRA	MG281	AAK1399	ISKRA	MG605
9AR5044L	MOTOROLA	MG187	AAG1338	ISKRA	MG195	AAK1808	ISKRA	MG482
9AR5100G	MOTOROLA	MG187	AAG1339	ISKRA	MG281	AAK1811	ISKRA	MG314
9AR6025K	MOTOROLA	MG183	AAG1340	ISKRA	MG282	AAK1817	ISKRA	MG284
9AR6025K	MOTOROLA	MG319	AAG1341	ISKRA	MG517	AAK1830	ISKRA	MG502
9BB2KAZA	MOTOROLA	MG187	AAG1342	ISKRA	MG400	AAK1832	ISKRA	MG223
9W3043	CATERPILLAR	MG183	AAG1343	ISKRA	MG438	AAK1835	ISKRA	MG199

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
AAK1857	ISKRA	MG550	AAK4345	ISKRA	MG541	AAK5195	ISKRA	MG308
AAK1867	ISKRA	MG453	AAK4347	ISKRA	MG203	AAK5304	ISKRA	MG83
AAK1878	ISKRA	MG502	AAK4348	ISKRA	MG554	AAK5315	ISKRA	MG177
AAK1890	ISKRA	MG5	AAK4349	ISKRA	MG209	AAK5316	ISKRA	MG178
AAK2301	ISKRA	MG111	AAK4351	ISKRA	MG604	AAK5323	ISKRA	MG308
AAK2302	ISKRA	MG607	AAK4360	ISKRA	MG597	AAK5326	ISKRA	MG15
AAK2303	ISKRA	MG114	AAK4390	ISKRA	MG168	AAK5334	ISKRA	MG312
AAK3156	ISKRA	MG599	AAK4507	ISKRA	MG399	AAK5335	ISKRA	MG344
AAK3166	ISKRA	MG540	AAK4513	ISKRA	MG222	AAK5354	ISKRA	MG246
AAK3303	ISKRA	MG385	AAK4518	ISKRA	MG258	AAK5355	ISKRA	MG404
AAK3304	ISKRA	MG46	AAK4522	ISKRA	MG236	AAK5363	ISKRA	MG177
AAK3305	ISKRA	MG230	AAK4524	ISKRA	MG239	AAK5364	ISKRA	MG178
AAK3307	ISKRA	MG482	AAK4526	ISKRA	MG241	AAK5373	ISKRA	MG200
AAK3309	ISKRA	MG109	AAK4543	ISKRA	MG357	AAK5374	ISKRA	MG404
AAK3312	ISKRA	MG402	AAK4545	ISKRA	MG211	AAK5376	ISKRA	MG337
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AAK3563	ISKRA	MG515	AAK4860	ISKRA	MG223	AAK5708	ISKRA	MG349
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AAK4153	ISKRA	MG156	AAK5134	ISKRA	MG547	AAK5797	ISKRA	MG337
AAK4155	ISKRA	MG521	AAK5135	ISKRA	MG548	AAK5807	ISKRA	MG74
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AAK4307	ISKRA	MG233	AAK5166	ISKRA	MG407	AAK5850	ISKRA	MG177
AAK4313	ISKRA	MG604	AAK5174	ISKRA	MG81	AAK5851	ISKRA	MG178
AAK4314	ISKRA	MG223	AAK5175	ISKRA	MG38	AAK5851	ISKRA	MG178
AAK4318	ISKRA	MG332	AAK5181	ISKRA	MG178	AAK5851	ISKRA	MG178
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AAK4322	ISKRA	MG597	AAK5183	ISKRA	MG397	AAK5851	ISKRA	MG178
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AAK4339	ISKRA	MG330	AAK5193	ISKRA	MG308	AAK5851	ISKRA	MG178
AAK4344	ISKRA	MG539	AAK5194	ISKRA	MG308	AAK5851	ISKRA	MG178

Cross References

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AAN5123	ISKRA	MG28	AAN5876	ISKRA	MG52	AT161324	JOHN DEERE	MG84
AAN5125	ISKRA	MG28	AAN5878	ISKRA	MG28	AT173624	JOHN DEERE	MG279
AAN5136	ISKRA	MG3	AAN5879	ISKRA	MG28	AT175194	JOHN DEERE	MG233
AAN5138	ISKRA	MG490	AAN5880	ISKRA	MG28	AT23401	JOHN DEERE	MS312
AAN5139	ISKRA	MG577	AAN5887	ISKRA	MG52	AT23401	JOHN DEERE	MS89
AAN5146	ISKRA	MG475	AAN8145	ISKRA	MG30	AZ23575	JOHN DEERE	MG124
AAN5147	ISKRA	MG570	AAN8146	ISKRA	MG35	AZ23575	JOHN DEERE	MG438
AAN5148	ISKRA	MG139	AAN8147	ISKRA	MG480	AZ3846201	JOHN DEERE	MG314
AAN5150	ISKRA	MG269	AAN8148	ISKRA	MG481	AZE2155	ISKRA	MS86
AAN5153	ISKRA	MG9	AAN8149	ISKRA	MG9	AZE2156	ISKRA	MS241
AAN5155	ISKRA	MG490	AAN8150	ISKRA	MG269	AZE2178	ISKRA	MS241
AAN5164	ISKRA	MG28	AAN8151	ISKRA	MG490	AZE2202	ISKRA	MS74
AAN5170	ISKRA	MG9	AAN8153	ISKRA	MG267	AZE2231	ISKRA	MS74
AAN5173	ISKRA	MG28	AAN8154	ISKRA	MG52	AZE2511	ISKRA	MS304
AAN5185	ISKRA	MG267	AAN8159	ISKRA	MG52	AZE2575	ISKRA	MS341
AAN5193	ISKRA	MG484	AAN8161	ISKRA	MG52	AZE2578	ISKRA	MS304
AAN5198	ISKRA	MG28	AAN8162	ISKRA	MG468	AZE2617	ISKRA	MS359
AAN5301	ISKRA	MG52	AAN8164	ISKRA	MG484	AZE2636	ISKRA	MS252
AAN5302	ISKRA	MG29	AAN8166	ISKRA	MG52	AZE2669	ISKRA	MS359
AAN5308	ISKRA	MG3	AAN8182	ISKRA	MG52	AZE4123	ISKRA	MS24
AAN5309	ISKRA	MG570	AAN8185	ISKRA	MG52	AZE4124	ISKRA	MS148
AAN5318	ISKRA	MG575	AAN8186	ISKRA	MG29	AZE4125	ISKRA	MS4
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AAN5324	ISKRA	MG28	AAN8189	ISKRA	MG473	AZE4150	ISKRA	MS399
AAN5331	ISKRA	MG9	AAT3322	ISKRA	MG470	AZE4151	ISKRA	MS289
AAN5333	ISKRA	MG30	AE52707	JOHN DEERE	MG477	AZE4167	ISKRA	MS299
AAN5334	ISKRA	MG35	AH137883	JOHN DEERE	MG233	AZE4168	ISKRA	MS235
AAN5346	ISKRA	MG29	AH165975	JOHN DEERE	MG477	AZE4169	ISKRA	MS430
AAN5502	ISKRA	MG575	AJ59342	JOHN DEERE	MS293	AZE4170	ISKRA	MS399
AAN5511	ISKRA	MG29	AJ59342	JOHN DEERE	MS89	AZE4172	ISKRA	MS289
AAN5514	ISKRA	MG577	AL110503	JOHN DEERE	MS264	AZE4173	ISKRA	MS399
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AAN5537	ISKRA	MG9	AL110504	JOHN DEERE	MS264	AZE4176	ISKRA	MS148
AAN5544	ISKRA	MG52	AL110504	JOHN DEERE	MS89	AZE4185	ISKRA	MS430
AAN5553	ISKRA	MG28	AL110597	JOHN DEERE	MS264	AZE4194	ISKRA	MS24
AAN5560	ISKRA	MG468	AL110597	JOHN DEERE	MS89	AZE4197	ISKRA	MS399
AAN5567	ISKRA	MG225	AL110598	JOHN DEERE	MS264	AZE4199	ISKRA	MS289
AAN5574	ISKRA	MG52	AL110598	JOHN DEERE	MS89	AZE4201	ISKRA	MS399
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AAN5701	ISKRA	MG490	AL11503	JOHN DEERE	MS264	AZE4204	ISKRA	MS399
AAN5702	ISKRA	MG269	AL116675	JOHN DEERE	MG329	AZE4205	ISKRA	MS34
AAN5708	ISKRA	MG30	AL119537	JOHN DEERE	MG3	AZE4207	ISKRA	MS289
AAN5709	ISKRA	MG35	AL119537	JOHN DEERE	MG52	AZE4210	ISKRA	MS24
AAN5711	ISKRA	MG9	AL12148	JOHN DEERE	MG84	AZE4212	ISKRA	MS4
AAN5712	ISKRA	MG9	AL171541	JOHN DEERE	MG52	AZE4213	ISKRA	MS27
AAN5713	ISKRA	MG9	AL3846201	JOHN DEERE	MG314	AZE4214	ISKRA	MS4
AAN5714	ISKRA	MG267	AL39700	JOHN DEERE	MS89	AZE4215	ISKRA	MS399
AAN5721	ISKRA	MG9	AL41247	JOHN DEERE	MS334	AZE4216	ISKRA	MS4
AAN5726	ISKRA	MG480	AL41247	JOHN DEERE	MS89	AZE4217	ISKRA	MS170
AAN5727	ISKRA	MG481	AL62690	JOHN DEERE	MS334	AZE4219	ISKRA	MS289
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AAN5745	ISKRA	MG30	AL62772	JOHN DEERE	MS264	AZE4230	ISKRA	MS235
AAN5746	ISKRA	MG35	AL62772	JOHN DEERE	MS89	AZE4234	ISKRA	MS24
AAN5761	ISKRA	MG3	AL70850	JOHN DEERE	MS334	AZE4244	ISKRA	MS395
AAN5762	ISKRA	MG570	AL70850	JOHN DEERE	MS89	AZE4253	ISKRA	MS148
AAN5771	ISKRA	MG575	AL70852	JOHN DEERE	MS416	AZE4261	ISKRA	MS430
AAN5776	ISKRA	MG30	AL78760	JOHN DEERE	MS264	AZE4534	ISKRA	MS430
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AAN5819	ISKRA	MG490	AL81154	JOHN DEERE	MS94	AZE4557	ISKRA	MS148
AAN5828	ISKRA	MG480	ALD1233	FEMSA	MG427	AZE4565	ISKRA	MS4
AAN5829	ISKRA	MG481	ALP12N-2	FEMSA	MG372	AZE4566	ISKRA	MS27
AAN5833	ISKRA	MG139	ALS12N-25	FEMSA	MG426	AZE4573	ISKRA	MS24
AAN5834	ISKRA	MG269	ALS12N-54	FEMSA	MG426	AZE4579	ISKRA	MS4
AAN5835	ISKRA	MG610	ALS12N-64	FEMSA	MG426	AZE4589	ISKRA	MS430
AAN5836	ISKRA	MG473	ALS12N-72	FEMSA	MG426	AZE4595	ISKRA	MS4
AAN5838	ISKRA	MG475	AR187916	CASE	MG84	AZE4603	ISKRA	MS293
AAN5848	ISKRA	MG468	AR62401	JOHN DEERE	MG438	AZE4620	ISKRA	MS293
AAN5850	ISKRA	MG52	AR70436	JOHN DEERE	MS312	AZE4625	ISKRA	MS292
AAN5875	ISKRA	MG225	AR70436	JOHN DEERE	MS89	AZE4648	ISKRA	MS293

Cross References

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AZE4649	ISKRA	MS292	AZF4304	ISKRA	MS22	AZJ3139	ISKRA	MS390
AZE4652	ISKRA	MS293	AZF4309	ISKRA	MS65	AZJ3140	ISKRA	MS391
AZE4653	ISKRA	MS292	AZF4311	ISKRA	MS66	AZJ3144	ISKRA	MS345
AZE4654	ISKRA	MS292	AZF4315	ISKRA	MS225	AZJ3145	ISKRA	MS107
AZE4655	ISKRA	MS293	AZF4319	ISKRA	MS151	AZJ3148	ISKRA	MS267
AZE6505	ISKRA	MS221	AZF4320	ISKRA	MS175	AZJ3149	ISKRA	MS300
AZE6509	ISKRA	MS27	AZF4321	ISKRA	MS111	AZJ3150	ISKRA	MS301
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AZE6531	ISKRA	MS78	AZF4343	ISKRA	MS65	AZJ3155	ISKRA	MS330
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AZE6554	ISKRA	MS27	AZF4352	ISKRA	MS200	AZJ3157	ISKRA	MS334
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AZF4194	ISKRA	MS65	AZF4594	ISKRA	MS242	AZJ3227	ISKRA	MS317
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AZF4218	ISKRA	MS44	AZF4691	ISKRA	MS101	AZJ3242	ISKRA	MS352
AZF4219	ISKRA	MS138	AZG4638	ISKRA	MS212	AZJ3243	ISKRA	MS355
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AZF4227	ISKRA	MS44	AZJ0101	ISKRA	MS190	AZJ3245	ISKRA	MS338
AZF4228	ISKRA	MS43	AZJ0102	ISKRA	MS392	AZJ3246	ISKRA	MS336
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AZF4261	ISKRA	MS175	AZJ3116	ISKRA	MS195	AZJ3274	ISKRA	MS89
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AZF4286	ISKRA	MS446	AZJ3128	ISKRA	MS220	AZJ3297	ISKRA	MS365
AZF4288	ISKRA	MS200	AZJ3131	ISKRA	MS186	AZJ3299	ISKRA	MS366
AZF4290	ISKRA	MS138	AZJ3132	ISKRA	MS386	AZJ3301	ISKRA	MS281
AZF4291	ISKRA	MS138	AZJ3133	ISKRA	MS387	AZJ3305	ISKRA	MS282
AZF4296	ISKRA	MS151	AZJ3137	ISKRA	MS187	AZJ3306	ISKRA	MS307
AZF4301	ISKRA	MS84	AZJ3138	ISKRA	MS301	AZJ3307	ISKRA	MS89

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
AZJ3310	ISKRA	MS322	AZK5109	ISKRA	MS476	F1NN11000AA	FORD NEW HOLLAND	MS268
AZJ3314	ISKRA	MS272	AZK5459	ISKRA	MS476	F2NN10B376AA	FORD NEW HOLLAND	MG15
AZJ3315	ISKRA	MS273	B503362	CASE	MS352	F2NN10B376AA	FORD NEW HOLLAND	MG404
AZJ3317	ISKRA	MS276	B506371	FIAT	MG517	F2NN10B376BA	FORD NEW HOLLAND	MG525
AZJ3318	ISKRA	MS348	BAU11199	MARSHALL TRACTORS	MG426	F2NN10B376BA	FORD NEW HOLLAND	MG526
AZJ3319	ISKRA	MS91	C000900010070	AGCO	MG191	F2NN10B376CA	FORD NEW HOLLAND	MG525
AZJ3320	ISKRA	MS354	C000900010210	AGCO	MG597	F514900060040	FENDT	MS353
AZJ3325	ISKRA	MS486	C205900010010	AGCO	MG626	F514900060040	FENDT	MS446
AZJ3328	ISKRA	MS486	C4929600	CUMMINS	MS242	F716900060010	FENDT	MS446
AZJ3330	ISKRA	MS315	CT212A	MINSK (BELARUS)	MS185	F716900060010	FENDT	MS65
AZJ3331	ISKRA	MS314	CT222A	ZIT	MS320	F716900060060	FENDT	MS446
AZJ3338	ISKRA	MS237	D11E120	PARIS-RHONE	MS351	F716900060060	FENDT	MS65
AZJ3339	ISKRA	MS350	D11E131	PARIS-RHONE	MS351	F716903060040	FENDT	MS308
AZJ3342	ISKRA	MS486	D11E137	PARIS-RHONE	MS294	F920901010010	FENDT	MG329
AZJ3347	ISKRA	MS51	D11E137	PARIS-RHONE	MS345	F926900060041	FENDT	MS439
AZJ3350	ISKRA	MS237	D11E137	PARIS-RHONE	MS395	F934900010040	FENDT	MG3
AZJ3351	ISKRA	MS369	D11E154	PARIS-RHONE	MS294	G0041590	POCLAIN	MG203
AZJ3353	ISKRA	MS360	D11E154	PARIS-RHONE	MS345	G198902011010	AGCO	MG597
AZJ3357	ISKRA	MS368	D11E154	PARIS-RHONE	MS395	G198902011010	FENDT	MG597
AZJ3364	ISKRA	MS152	D11E155	PARIS-RHONE	MS267	G205900010010	STEYR	MG209
AZJ3369	ISKRA	MS225	D11E158	PARIS-RHONE	MS351	G205900010011	FENDT	MG626
AZJ3373	ISKRA	MS237	D1NN11000A	FORD NEW HOLLAND	MS346	G210902010010	AGCO	MG597
AZJ3374	ISKRA	MS439	D2NN11000B	FORD NEW HOLLAND	MS346	G345900011010	FENDT	MG604
AZJ3376	ISKRA	MS243	D4NN11000B	FORD NEW HOLLAND	MS346	G515900010100	FENDT	MG3
AZJ3385	ISKRA	MS185	D6RA29	VALEO	MS252	GEU216	MARSHALL TRACTORS	MG372
AZJ3386	ISKRA	MS137	D7NN11000B	FORD NEW HOLLAND	MS346	IA0037	ISKRA	MG123
AZJ3388	ISKRA	MS439	D7R14	PARIS-RHONE	MS430	IA0050	ISKRA	MG368
AZJ3389	ISKRA	MS243	D8NN11000BA	FORD NEW HOLLAND	MS346	IA0055	ISKRA	MG369
AZJ3402	ISKRA	MS434	D8NN11000CA	FORD NEW HOLLAND	MS346	IA0062	ISKRA	MG371
AZJ3404	ISKRA	MS439	D8NN11000CB	FORD NEW HOLLAND	MS346	IA0067	ISKRA	MG372
AZJ3405	ISKRA	MS91	D8NN11000CE	FORD NEW HOLLAND	MS346	IA0069	ISKRA	MG627
AZJ3426	ISKRA	MS237	D9NN11000AA	FORD NEW HOLLAND	MS346	IA0070	ISKRA	MG42
AZJ3445	ISKRA	MS368	DM2130	ELEKTROPRECISIA	MS192	IA0071	ISKRA	MG43
AZJ3447	ISKRA	MS95	DM2134	ELEKTROPRECISIA	MS107	IA0095	ISKRA	MG462
AZJ3457	ISKRA	MS396	E3NN10B376AA	FORD NEW HOLLAND	MG207	IA0096	ISKRA	MG124
AZJ3466	ISKRA	MS418	E3NN10B376AA	FORD NEW HOLLAND	MG283	IA0102	ISKRA	MG126
AZJ3473	ISKRA	MS243	E3NN10B376AB	FORD NEW HOLLAND	MG207	IA0112	ISKRA	MG127
AZJ3475	ISKRA	MS277	E3NN10B376AB	FORD NEW HOLLAND	MG283	IA0226	ISKRA	MG626
AZJ3503	ISKRA	MS300	E3NN10B376AC	FORD NEW HOLLAND	MG207	IA0230	ISKRA	MG228
AZJ3506	ISKRA	MS390	E3NN10B376AD	FORD NEW HOLLAND	MG207	IA0276	ISKRA	MG110
AZJ3508	ISKRA	MS277	E41565	NIKKO	MS386	IA0292	ISKRA	MG111
AZJ3514	ISKRA	MS187	E7NN10B376AA	FORD NEW HOLLAND	MG283	IA0301	ISKRA	MG426
AZJ3515	ISKRA	MS186	E7NN10B376AB	FORD NEW HOLLAND	MG283	IA0305	ISKRA	MG427
AZJ3516	ISKRA	MS192	E7NN10B376BA	FORD NEW HOLLAND	MG283	IA0327	ISKRA	MG156
AZJ3517	ISKRA	MS195	E7NN10B376BB	FORD NEW HOLLAND	MG283	IA0329	ISKRA	MG521
AZJ3518	ISKRA	MS386	EGL217	MOTORCRAFT	MG239	IA0330	ISKRA	MG524
AZJ3520	ISKRA	MS389	EGL217R	MOTORCRAFT	MG239	IA0336	ISKRA	MG191
AZJ3525	ISKRA	MS184	EGL218	MOTORCRAFT	MG222	IA0360	ISKRA	MG206
AZJ3534	ISKRA	MS192	EGL218R	MOTORCRAFT	MG222	IA0400	ISKRA	MG192
AZJ3535	ISKRA	MS195	EGL220	MOTORCRAFT	MG241	IA0405	ISKRA	MG535
AZJ3536	ISKRA	MS548	EGL220R	MOTORCRAFT	MG241	IA0415	ISKRA	MG590
AZJ3537	ISKRA	MS58	EGL222	MOTORCRAFT	MG236	IA0437	ISKRA	MG512
AZJ3538	ISKRA	MS388	EGL222R	MOTORCRAFT	MG236	IA0446	ISKRA	MG187
AZJ3540	ISKRA	MS391	F000AL0115	BOSCH	MS221	IA0463	ISKRA	MG515
AZJ3542	ISKRA	MS389	F000AL0128	BOSCH	MS193	IA0470	ISKRA	MG176
AZJ3544	ISKRA	MS267	F000LD0103	BOSCH	MG316	IA0480	ISKRA	MG525
AZJ3546	ISKRA	MS387	F000LDO103	BOSCH	MG200	IA0481	ISKRA	MG526
AZJ3548	ISKRA	MS193	F005A00022	BOSCH	MG84	IA0484	ISKRA	MG607
AZJ3551	ISKRA	MS190	F005A00024	BOSCH	MG233	IA0485	ISKRA	MG114
AZJ3552	ISKRA	MS392	F005A00025	BOSCH	MG477	IA0497	ISKRA	MG605
AZJ3554	ISKRA	MS393	F0NN10B376AA	FORD NEW HOLLAND	MG525	IA0499	ISKRA	MG604
AZJ3555	ISKRA	MS194	F0NN10B376BB	FORD NEW HOLLAND	MG15	IA0500	ISKRA	MG195
AZJ3556	ISKRA	MS300	F0NN11000BA	FORD NEW HOLLAND	MS357	IA0501	ISKRA	MG281
AZJ3557	ISKRA	MS354	F0NN11000CA	FORD NEW HOLLAND	MS357	IA0502	ISKRA	MG282
AZJ3581	ISKRA	MS391	F0NN7HO22BA	FORD NEW HOLLAND	MS268	IA0504	ISKRA	MG283
AZJ3582	ISKRA	MS195	F119900060010	FENDT	MS308	IA0505	ISKRA	MG207
AZJ3593	ISKRA	MS177	F13590206001	FENDT	MS351	IA0507	ISKRA	MG517
AZJ3594	ISKRA	MS278	F1399000600	FENDT	MS313	IA0513	ISKRA	MG478
AZJ3598	ISKRA	MS345	F139900060011	FENDT	MS313	IA0514	ISKRA	MG288
AZJ3599	ISKRA	MS184	F1NN10B376AA	FORD NEW HOLLAND	MG207	IA0522	ISKRA	MG289

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
IA0524	ISKRA	MG530	IA1044	ISKRA	MG570	IA9419	ISKRA	MG183
IA0555	ISKRA	MG399	IA1046	ISKRA	MG599	IS0179	ISKRA	MS184
IA0560	ISKRA	MG400	IA1052	ISKRA	MG329	IS0201	ISKRA	MS588
IA0566	ISKRA	MG222	IA1057	ISKRA	MG3	IS0203	ISKRA	MS388
IA0570	ISKRA	MG659	IA1058	ISKRA	MG490	IS0216	ISKRA	MS389
IA0571	ISKRA	MG258	IA1067	ISKRA	MG83	IS0248	ISKRA	MS392
IA0574	ISKRA	MG260	IA1073	ISKRA	MG327	IS0250	ISKRA	MS393
IA0577	ISKRA	MG236	IA1076	ISKRA	MG337	IS0254	ISKRA	MS354
IA0579	ISKRA	MG239	IA1078	ISKRA	MG209	IS0364	ISKRA	MS177
IA0581	ISKRA	MG241	IA1079	ISKRA	MG554	IS0366	ISKRA	MS278
IA0595	ISKRA	MG279	IA1080	ISKRA	MG203	IS0402	ISKRA	MS194
IA0598	ISKRA	MG80	IA1081	ISKRA	MG314	IS0403	ISKRA	MS195
IA0599	ISKRA	MG378	IA1113	ISKRA	MG200	IS0409	ISKRA	MS192
IA0600	ISKRA	MG379	IA1117	ISKRA	MG52	IS0411	ISKRA	MS548
IA0662	ISKRA	MG357	IA1126	ISKRA	MG577	IS0412	ISKRA	MS193
IA0665	ISKRA	MG278	IA1131	ISKRA	MG316	IS0432	ISKRA	MS190
IA0666	ISKRA	MG353	IA1132	ISKRA	MG139	IS0436	ISKRA	MS185
IA0667	ISKRA	MG354	IA1152	ISKRA	MG540	IS0490	ISKRA	MS186
IA0668	ISKRA	MG234	IA1153	ISKRA	MG597	IS0491	ISKRA	MS386
IA0670	ISKRA	MG220	IA1159	ISKRA	MG267	IS0492	ISKRA	MS387
IA0675	ISKRA	MG177	IA1161	ISKRA	MG339	IS0500	ISKRA	MS187
IA0676	ISKRA	MG592	IA1165	ISKRA	MG332	IS0502	ISKRA	MS390
IA0691	ISKRA	MG211	IA1169	ISKRA	MG575	IS0503	ISKRA	MS391
IA0692	ISKRA	MG271	IA1185	ISKRA	MG330	IS0509	ISKRA	MS345
IA0693	ISKRA	MG272	IA1196	ISKRA	MG484	IS0520	ISKRA	MS267
IA0705	ISKRA	MG100	IA1198	ISKRA	MG30	IS0521	ISKRA	MS300
IA0707	ISKRA	MG102	IA1200	ISKRA	MG221	IS0525	ISKRA	MS301
IA0710	ISKRA	MG17	IA1203	ISKRA	MG562	IS0526	ISKRA	MS347
IA0717	ISKRA	MG86	IA1204	ISKRA	MG560	IS0531	ISKRA	MS330
IA0722	ISKRA	MG158	IA1206	ISKRA	MG453	IS0532	ISKRA	MS335
IA0728	ISKRA	MG415	IA1212	ISKRA	MG74	IS0533	ISKRA	MS334
IA0735	ISKRA	MG432	IA1215	ISKRA	MG29	IS0534	ISKRA	MS312
IA0738	ISKRA	MG435	IA1224	ISKRA	MG286	IS0548	ISKRA	MS274
IA0759	ISKRA	MG84	IA1241	ISKRA	MG393	IS0551	ISKRA	MS277
IA0761	ISKRA	MG547	IA1242	ISKRA	MG28	IS0552	ISKRA	MS220
IA0762	ISKRA	MG548	IA1274	ISKRA	MG450	IS0565	ISKRA	MS219
IA0764	ISKRA	MG235	IA1286	ISKRA	MG561	IS0567	ISKRA	MS308
IA0783	ISKRA	MG437	IA1299	ISKRA	MG482	IS0569	ISKRA	MS264
IA0784	ISKRA	MG438	IA1301	ISKRA	MG35	IS0579	ISKRA	MS346
IA0800	ISKRA	MG359	IA1312	ISKRA	MG75	IS0612	ISKRA	MS313
IA0801	ISKRA	MG319	IA1315	ISKRA	MG284	IS0618	ISKRA	MS107
IA0810	ISKRA	MG212	IA1320	ISKRA	MG182	IS0619	ISKRA	MS108
IA0811	ISKRA	MG216	IA1321	ISKRA	MG168	IS0624	ISKRA	MS228
IA0830	ISKRA	MG108	IA1328	ISKRA	MG181	IS0627	ISKRA	MS357
IA0831	ISKRA	MG109	IA1332	ISKRA	MG269	IS0629	ISKRA	MS385
IA0854	ISKRA	MG385	IA1348	ISKRA	MG233	IS0630	ISKRA	MS51
IA0855	ISKRA	MG46	IA1349	ISKRA	MG9	IS0631	ISKRA	MS49
IA0856	ISKRA	MG230	IA1351	ISKRA	MG502	IS0632	ISKRA	MS149
IA0875	ISKRA	MG13	IA1354	ISKRA	MG349	IS0659	ISKRA	MS268
IA0876	ISKRA	MG402	IA1357	ISKRA	MG225	IS0663	ISKRA	MS365
IA0877	ISKRA	MG403	IA1358	ISKRA	MG199	IS0665	ISKRA	MS418
IA0880	ISKRA	MG388	IA1372	ISKRA	MG67	IS0669	ISKRA	MS351
IA0881	ISKRA	MG407	IA1373	ISKRA	MG550	IS0670	ISKRA	MS353
IA0884	ISKRA	MG412	IA1378	ISKRA	MG480	IS0671	ISKRA	MS332
IA0907	ISKRA	MG81	IA1379	ISKRA	MG481	IS0682	ISKRA	MS317
IA0908	ISKRA	MG38	IA1385	ISKRA	MG475	IS0685	ISKRA	MS320
IA0913	ISKRA	MG348	IA1393	ISKRA	MG566	IS0687	ISKRA	MS325
IA0914	ISKRA	MG210	IA1417	ISKRA	MG468	IS0695	ISKRA	MS271
IA0925	ISKRA	MG178	IA1452	ISKRA	MG274	IS0704	ISKRA	MS352
IA0952	ISKRA	MG14	IA1453	ISKRA	MG137	IS0705	ISKRA	MS355
IA0955	ISKRA	MG397	IA1472	ISKRA	MG169	IS0706	ISKRA	MS339
IA0970	ISKRA	MG308	IA1479	ISKRA	MG265	IS0707	ISKRA	MS338
IA0983	ISKRA	MG541	IA1484	ISKRA	MG23	IS0709	ISKRA	MS336
IA0984	ISKRA	MG539	IA1485	ISKRA	MG5	IS0711	ISKRA	MS343
IA1018	ISKRA	MG15	IA1504	ISKRA	MG223	IS0730	ISKRA	MS439
IA1019	ISKRA	MG246	IA1522	ISKRA	MG477	IS0739	ISKRA	MS358
IA1020	ISKRA	MG404	IA1527	ISKRA	MG470	IS0743	ISKRA	MS265
IA1023	ISKRA	MG344	IA1536	ISKRA	MG262	IS0745	ISKRA	MS237
IA1026	ISKRA	MG312	IA1542	ISKRA	MG39	IS0751	ISKRA	MS280
IA1031	ISKRA	MG473	IA1565	ISKRA	MG610	IS0766	ISKRA	MS319

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
IS0773	ISKRA	MS304	IS1254	ISKRA	MS65	LRA00595	LUCAS	MG258
IS0783	ISKRA	MS310	IS1255	ISKRA	MS66	LRA00597	LUCAS	MG258
IS0793	ISKRA	MS89	IS1259	ISKRA	MS212	LRA00602	LUCAS	MG102
IS0807	ISKRA	MS315	IS1262	ISKRA	MS79	LRA00602	LUCAS	MG212
IS0808	ISKRA	MS314	IS1263	ISKRA	MS78	LRA00603	LUCAS	MG535
IS0821	ISKRA	MS309	IS1273	ISKRA	MS95	LRA00604	LUCAS	MG241
IS0824	ISKRA	MS349	IS1275	ISKRA	MS74	LRA00607	LUCAS	MG239
IS0836	ISKRA	MS175	IS1297	ISKRA	MS34	LRA00611	LUCAS	MG517
IS0841	ISKRA	MS446	IS1303	ISKRA	MS235	LRA00612	LUCAS	MG124
IS0842	ISKRA	MS232	IS1315	ISKRA	MS170	LRA00617	LUCAS	MG604
IS0862	ISKRA	MS366	IS1333	ISKRA	MS200	LRA00622	LUCAS	MG126
IS0863	ISKRA	MS281	IS1344	ISKRA	MS214	LRA00623	LUCAS	MG126
IS0872	ISKRA	MS282	IS1369	ISKRA	MS44	LRA00639	LUCAS	MG239
IS0875	ISKRA	MS307	IS1378	ISKRA	MS395	LRA00653	LUCAS	MG216
IS0881	ISKRA	MS322	IS9098	ISKRA	MS476	LRA00693	LUCAS	MG216
IS0889	ISKRA	MS272	K308650	DAVID BROWN (CASE)	MS346	LRA00696	LUCAS	MG512
IS0890	ISKRA	MS273	K311696	CASE	MG212	LRA00712	LUCAS	MG127
IS0895	ISKRA	MS276	K311697	CASE	MG212	LRA00779	LUCAS	MG191
IS0896	ISKRA	MS348	K311698	CASE	MG212	LRA00812	LUCAS	MG228
IS0897	ISKRA	MS91	K956426	DAVID BROWN (CASE)	MG236	LRA00835	LUCAS	MG239
IS0908	ISKRA	MS341	K957340	DAVID BROWN (CASE)	MS51	LRA00839	LUCAS	MG369
IS0937	ISKRA	MS350	K957340EX	CASE	MS51	LRA00890	LUCAS	MG187
IS0941	ISKRA	MS440	LRA00100	LUCAS	MG372	LRA00910	LUCAS	MG156
IS0993	ISKRA	MS369	LRA00103	LUCAS	MG426	LRA00912	LUCAS	MG127
IS0999	ISKRA	MS138	LRA00105	LUCAS	MG427	LRA00913	LUCAS	MG123
IS1001	ISKRA	MS368	LRA00106	LUCAS	MG426	LRA00921	LUCAS	MG658
IS1002	ISKRA	MS360	LRA00109	LUCAS	MG207	LRA00924	LUCAS	MG627
IS1015	ISKRA	MS359	LRA00113	LUCAS	MG427	LRA00926	LUCAS	MG183
IS1016	ISKRA	MS25	LRA00122	LUCAS	MG207	LRA00926	LUCAS	MG319
IS1018	ISKRA	MS152	LRA00131	LUCAS	MG110	LRA00928	LUCAS	MG399
IS1019	ISKRA	MS225	LRA00132	LUCAS	MG207	LRA00929	LUCAS	MG521
IS1023	ISKRA	MS151	LRA00134	LUCAS	MG187	LRA00931	LUCAS	MG124
IS1027	ISKRA	MS293	LRA00137	LUCAS	MG127	LRA00938	LUCAS	MG399
IS1033	ISKRA	MS137	LRA00147	LUCAS	MG426	LRA00958	LUCAS	MG212
IS1045	ISKRA	MS252	LRA00199	LUCAS	MG123	LRA00959	LUCAS	MG272
IS1046	ISKRA	MS243	LRA00202	LUCAS	MG427	LRA00961	LUCAS	MG272
IS1055	ISKRA	MS45	LRA00228	LUCAS	MG426	LRA00962	LUCAS	MG176
IS1056	ISKRA	MS486	LRA00230	LUCAS	MG222	LRA00963	LUCAS	MG176
IS1059	ISKRA	MS430	LRA00246	LUCAS	MG222	LRA00964	LUCAS	MG272
IS1063	ISKRA	MS94	LRA00269	LUCAS	MG258	LRA00972	LUCAS	MG17
IS1067	ISKRA	MS434	LRA00270	LUCAS	MG535	LRA00973	LUCAS	MG100
IS1070	ISKRA	MS110	LRA00273	LUCAS	MG426	LRA00975	LUCAS	MG191
IS1071	ISKRA	MS111	LRA00274	LUCAS	MG426	LRA00977	LUCAS	MG289
IS1072	ISKRA	MS30	LRA00275	LUCAS	MG426	LRA00998	LUCAS	MG535
IS1073	ISKRA	MS27	LRA00292	LUCAS	MG187	LRA01046	LUCAS	MG438
IS1077	ISKRA	MS101	LRA00360	LUCAS	MG348	LRA01234	LUCAS	MG52
IS1089	ISKRA	MS117	LRA00361	LUCAS	MG462	LRA01374	LUCAS	MG15
IS1090	ISKRA	MS148	LRA00362	LUCAS	MG427	LRA01397	LUCAS	MG314
IS1098	ISKRA	MS4	LRA00375	LUCAS	MG426	LRA01593	LUCAS	MG530
IS1100	ISKRA	MS241	LRA00376	LUCAS	MG239	LRA01667	LUCAS	MG490
IS1101	ISKRA	MS86	LRA00380	LUCAS	MG272	LRA01669	LUCAS	MG212
IS1103	ISKRA	MS292	LRA00381	LUCAS	MG241	LRA01669	LUCAS	MG550
IS1105	ISKRA	MS84	LRA00405	LUCAS	MG535	LRA01888	LUCAS	MG212
IS1109	ISKRA	MS168	LRA00457	LUCAS	MG258	LRA01915	LUCAS	MG515
IS1133	ISKRA	MS43	LRA00459	LUCAS	MG156	LRA02047	LUCAS	MG176
IS1140	ISKRA	MS242	LRA00460	LUCAS	MG102	LRA02117	LUCAS	MG156
IS1154	ISKRA	MS221	LRA00460	LUCAS	MG212	LRA02138	LUCAS	MG3
IS1157	ISKRA	MS416	LRA00461	LUCAS	MG212	LRA02147	LUCAS	MG177
IS1158	ISKRA	MS291	LRA00462	LUCAS	MG216	LRA02147	LUCAS	MG178
IS1159	ISKRA	MS294	LRA00463	LUCAS	MG216	LRA02234	LUCAS	MG3
IS1189	ISKRA	MS24	LRA00464	LUCAS	MG535	LRA02234	LUCAS	MG52
IS1195	ISKRA	MS289	LRA00469	LUCAS	MG236	LRA02465	LUCAS	MG114
IS1200	ISKRA	MS22	LRA00474	LUCAS	MG17	LRA02477	LUCAS	MG109
IS1201	ISKRA	MS399	LRA00522	LUCAS	MG283	LRA02482	LUCAS	MG554
IS1202	ISKRA	MS403	LRA00528	LUCAS	MG239	LRA02690	LUCAS	MG212
IS1219	ISKRA	MS396	LRA00530	LUCAS	MG207	LRA02690	LUCAS	MG283
IS1221	ISKRA	MS37	LRA00582	LUCAS	MG176	LRA02698	LUCAS	MG477
IS1233	ISKRA	MS299	LRA00583	LUCAS	MG426	LRA02712	LUCAS	MG604
IS1236	ISKRA	MS68	LRA00584	LUCAS	MG124	LRA02731	LUCAS	MG233
IS1237	ISKRA	MS67	LRA00586	LUCAS	MG236	LRA02841	LUCAS	MG52

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
LRA02862	LUCAS	MG404	LRS00925	LUCAS	MS325	MAN649	MAGNETI MARELLI	MG239
LRA03040	LUCAS	MG473	LRS00926	LUCAS	MS184	MAN662	MAGNETI MARELLI	MG241
LRA03202	LUCAS	MG29	LRS00926	LUCAS	MS91	MAN697	MAGNETI MARELLI	MG216
LRA03282	LUCAS	MG560	LRS00930	LUCAS	MS265	MAN7461	MAGNETI MARELLI	MG560
LRB00104	LUCAS	MG183	LRS00932	LUCAS	MS58	MAN751	MAGNETI MARELLI	MG216
LRB00104	LUCAS	MG319	LRS00944	LUCAS	MS192	MAN755	MAGNETI MARELLI	MG550
LRB00121	LUCAS	MG512	LRS00949	LUCAS	MS274	MAN7643	MAGNETI MARELLI	MG560
LRB00127	LUCAS	MG241	LRS00950	LUCAS	MS391	MAN770	MAGNETI MARELLI	MG515
LRB00134	LUCAS	MG209	LRS00956	LUCAS	MS190	MAN786	MAGNETI MARELLI	MG15
LRB00134	LUCAS	MG626	LRS00968	LUCAS	MS347	MAN795	MAGNETI MARELLI	MG515
LRB00136	LUCAS	MG438	LRS00987	LUCAS	MS308	MAN819	MAGNETI MARELLI	MG403
LRB00290	LUCAS	MG212	LRS01027	LUCAS	MS322	MAN946	MAGNETI MARELLI	MG515
LRB00291	LUCAS	MG560	LRS01035	LUCAS	MS309	MAR274	MAGNETI MARELLI	MG521
LRB00305	LUCAS	MG279	LRS01053	LUCAS	MS354	MAR387	MAGNETI MARELLI	MG222
LRB00367	LUCAS	MG560	LRS01069	LUCAS	MS339	MAR388	MAGNETI MARELLI	MG427
LRB00368	LUCAS	MG560	LRS01083	LUCAS	MS351	MAR399	MAGNETI MARELLI	MG426
LRB01835	LUCAS	MG111	LRS01089	LUCAS	MS334	MAR409	MAGNETI MARELLI	MG258
LRS00115	LUCAS	MS346	LRS01089	LUCAS	MS89	MAR472	MAGNETI MARELLI	MG187
LRS00124	LUCAS	MS347	LRS01202	LUCAS	MS137	MAR473	MAGNETI MARELLI	MG187
LRS00129	LUCAS	MS346	LRS01256	LUCAS	MS148	MAR479	MAGNETI MARELLI	MG239
LRS00134	LUCAS	MS346	LRS01262	LUCAS	MS301	MAR482	MAGNETI MARELLI	MG228
LRS00147	LUCAS	MS184	LRS01374	LUCAS	MS358	MAR507	MAGNETI MARELLI	MG512
LRS00147	LUCAS	MS91	LRS01422	LUCAS	MS30	MAR534	MAGNETI MARELLI	MG236
LRS00157	LUCAS	MS51	LRS01484	LUCAS	MS264	MAR543	MAGNETI MARELLI	MG258
LRS00161	LUCAS	MS347	LRS01484	LUCAS	MS89	MAR638	MAGNETI MARELLI	MG183
LRS00162	LUCAS	MS385	LRS01488	LUCAS	MS276	MAR638	MAGNETI MARELLI	MG319
LRS00162	LUCAS	MS395	LRS01562	LUCAS	MS79	MAR649	MAGNETI MARELLI	MG239
LRS00170	LUCAS	MS95	LRS01580	LUCAS	MS86	MAR835	MAGNETI MARELLI	MG426
LRS00173	LUCAS	MS385	LRS01603	LUCAS	MS446	MAR836	MAGNETI MARELLI	MG17
LRS00173	LUCAS	MS395	LRS01622	LUCAS	MS416	MAR837	MAGNETI MARELLI	MG517
LRS00190	LUCAS	MS343	LRS01637	LUCAS	MS25	MAR838	MAGNETI MARELLI	MG368
LRS00195	LUCAS	MS347	LRS01637	LUCAS	MS291	MAR845	MAGNETI MARELLI	MG183
LRS00212	LUCAS	MS346	LRS01755	LUCAS	MS27	MAR845	MAGNETI MARELLI	MG319
LRS00230	LUCAS	MS228	LRS01936	LUCAS	MS232	MAR846	MAGNETI MARELLI	MG371
LRS00230	LUCAS	MS291	LRS01943	LUCAS	MS439	MAR870	MAGNETI MARELLI	MG158
LRS00232	LUCAS	MS294	LRS01943	LUCAS	MS65	MAR871	MAGNETI MARELLI	MG126
LRS00232	LUCAS	MS345	LRS01945	LUCAS	MS360	MAR874	MAGNETI MARELLI	MG124
LRS00232	LUCAS	MS395	LRS01970	LUCAS	MS439	MAR875	MAGNETI MARELLI	MG659
LRS00240	LUCAS	MS152	LRS01976	LUCAS	MS78	MAR882	MAGNETI MARELLI	MG512
LRS00240	LUCAS	MS170	LRS01988	LUCAS	MS272	MAR889	MAGNETI MARELLI	MG289
LRS00301	LUCAS	MS243	LRS02050	LUCAS	MS300	MAR897	MAGNETI MARELLI	MG658
LRS00302	LUCAS	MS347	LRS02206	LUCAS	MS289	MAR898	MAGNETI MARELLI	MG627
LRS00306	LUCAS	MS385	LRS02361	LUCAS	MS175	MAR902	MAGNETI MARELLI	MG260
LRS00306	LUCAS	MS395	LRS02407	LUCAS	MS168	MSN175	MAGNETI MARELLI	MS267
LRS00435	LUCAS	MS193	LRS02446	LUCAS	MS138	MSN177	MAGNETI MARELLI	MS51
LRS00519	LUCAS	MS385	LRT00192	LUCAS	MS359	MSN178	MAGNETI MARELLI	MS385
LRS00519	LUCAS	MS395	M0041572	POCLAIN	MS277	MSN178	MAGNETI MARELLI	MS395
LRS00552	LUCAS	MS346	M0041584	POCLAIN	MG260	MSN178	MAGNETI MARELLI	MS95
LRS00553	LUCAS	MS348	M100R2004SE	PRESTOLITE	MS351	MSN180	MAGNETI MARELLI	MS347
LRS00565	LUCAS	MS312	M3T90071	MITSUBISHI	MS148	MSN184	MAGNETI MARELLI	MS267
LRS00565	LUCAS	MS89	M3T90071	MITSUBISHI	MS418	MSN190	MAGNETI MARELLI	MS184
LRS00566	LUCAS	MS353	M3T90072	MITSUBISHI	MS148	MSN190	MAGNETI MARELLI	MS91
LRS00568	LUCAS	MS351	M41595	CASE	MG627	MSN191	MAGNETI MARELLI	MS347
LRS00570	LUCAS	MS272	M41595	NIKKO	MG627	MSN192	MAGNETI MARELLI	MS348
LRS00632	LUCAS	MS351	M41595EX	NIKKO	MG627	MSN199	MAGNETI MARELLI	MS294
LRS00639	LUCAS	MS351	MAN104	MAGNETI MARELLI	MG216	MSN199	MAGNETI MARELLI	MS345
LRS00672	LUCAS	MS108	MAN1172	MAGNETI MARELLI	MG404	MSN199	MAGNETI MARELLI	MS395
LRS00706	LUCAS	MS418	MAN131	MAGNETI MARELLI	MG212	MSN202	MAGNETI MARELLI	MS346
LRS00762	LUCAS	MS277	MAN133	MAGNETI MARELLI	MG216	MSN203	MAGNETI MARELLI	MS91
LRS00796	LUCAS	MS319	MAN141	MAGNETI MARELLI	MG283	MSN2036	MAGNETI MARELLI	MS78
LRS00837	LUCAS	MS387	MAN142	MAGNETI MARELLI	MG283	MSN2039	MAGNETI MARELLI	MS79
LRS00838	LUCAS	MS187	MAN153	MAGNETI MARELLI	MG235	MSN2043	MAGNETI MARELLI	MS66
LRS00839	LUCAS	MS389	MAN2019	MAGNETI MARELLI	MG627	MSN2046	MAGNETI MARELLI	MS68
LRS00840	LUCAS	MS177	MAN254	MAGNETI MARELLI	MG288	MSN206	MAGNETI MARELLI	MS272
LRS00841	LUCAS	MS186	MAN261	MAGNETI MARELLI	MG369	MSN213	MAGNETI MARELLI	MS387
LRS00847	LUCAS	MS195	MAN274	MAGNETI MARELLI	MG521	MSN214	MAGNETI MARELLI	MS177
LRS00850	LUCAS	MS388	MAN283	MAGNETI MARELLI	MG515	MSN219	MAGNETI MARELLI	MS195
LRS00921	LUCAS	MS277	MAN344	MAGNETI MARELLI	MG535	MSN220	MAGNETI MARELLI	MS366
LRS00923	LUCAS	MS386	MAN349	MAGNETI MARELLI	MG258	MSN224	MAGNETI MARELLI	MS278
LRS00924	LUCAS	MS265	MAN354	MAGNETI MARELLI	MG127	MSN227	MAGNETI MARELLI	MS388

Cross References

REF	BRAND	VVA REF	REF	BRAND	VVA REF	REF	BRAND	VVA REF
MSN229	MAGNETI MARELLI	MS187	MT71HB	MAGNETI MARELLI	MS392	RE516157	JOHN DEERE	MS293
MSN232	MAGNETI MARELLI	MS190	MT71L	MAGNETI MARELLI	MS391	RE516455	JOHN DEERE	MS430
MSN233	MAGNETI MARELLI	MS300	MT71LA	MAGNETI MARELLI	MS391	RE51694	JOHN DEERE	MS293
MSN234	MAGNETI MARELLI	MS391	MT71RB	MAGNETI MARELLI	MS274	RE519568	JOHN DEERE	MS430
MSN237	MAGNETI MARELLI	MS389	MT71Z	MAGNETI MARELLI	MS107	RE519629	JOHN DEERE	MG482
MSN242	MAGNETI MARELLI	MS187	MT72A	MAGNETI MARELLI	MS389	RE521488	JOHN DEERE	MS292
MSN521	MAGNETI MARELLI	MS186	MT72AA	MAGNETI MARELLI	MS389	RE523501	JOHN DEERE	MS486
MSN614	MAGNETI MARELLI	MS58	MT72AB	MAGNETI MARELLI	MS389	RE523502	JOHN DEERE	MS486
MSN697	MAGNETI MARELLI	MS277	MT72RB	MAGNETI MARELLI	MS274	RE529594	JOHN DEERE	MS293
MSN799	MAGNETI MARELLI	MS152	MT74A	MAGNETI MARELLI	MS301	RE529594	JOHN DEERE	MS89
MSN799	MAGNETI MARELLI	MS170	MT74BA	MAGNETI MARELLI	MS274	RE540136	JOHN DEERE	MS94
MSN8040	MAGNETI MARELLI	MS289	MT74G	MAGNETI MARELLI	MS277	RE540886	JOHN DEERE	MS212
MSN8041	MAGNETI MARELLI	MS399	MT74L	MAGNETI MARELLI	MS335	RE54092	JOHN DEERE	MS293
MSR218	MAGNETI MARELLI	MS220	NSB524	LUCAS	MS347	RE543483	JOHN DEERE	MS292
MSR240	MAGNETI MARELLI	MS220	NSB529	LUCAS	MS347	RE551444	JOHN DEERE	MS430
MSR243	MAGNETI MARELLI	MS301	NSB531	LUCAS	MS294	RE551447	JOHN DEERE	MS293
MSR683	MAGNETI MARELLI	MS277	NSB531	LUCAS	MS345	RE553516	JOHN DEERE	MG279
MSR697	MAGNETI MARELLI	MS220	NSB531	LUCAS	MS395	RE59010	JOHN DEERE	MS486
MSR698	MAGNETI MARELLI	MS386	NSB540	LUCAS	MS294	RE60171	JOHN DEERE	MS94
MSR699	MAGNETI MARELLI	MS193	NSB540	LUCAS	MS345	RE60239	JOHN DEERE	MS94
MSR700	MAGNETI MARELLI	MS265	NSB540	LUCAS	MS395	RE60384	JOHN DEERE	MS264
MSR701	MAGNETI MARELLI	MS325	OD203940	PERKINS	MS418	RE60384	JOHN DEERE	MS89
MSR706	MAGNETI MARELLI	MS108	P30DC03A	PERKINS	MS86	RE60641	JOHN DEERE	MS430
MSR707	MAGNETI MARELLI	MS277	P941542	CASE	MG84	RE62916	JOHN DEERE	MS293
MSR726	MAGNETI MARELLI	MS193	PBNA1134	PRESTOLITE	MG209	RE62916	JOHN DEERE	MS430
MSR733	MAGNETI MARELLI	MS264	PF54924	PERKINS	MS369	RE63010	JOHN DEERE	MS430
MSR733	MAGNETI MARELLI	MS89	PO9415420	CASE	MG84	RE68783	JOHN DEERE	MS486
MSR737	MAGNETI MARELLI	MS351	Q0641553	POCLAIN	MG260	RE70728	JOHN DEERE	MS94
MSR740	MAGNETI MARELLI	MS353	R39341	CASE	MS148	RE71007	JOHN DEERE	MS237
MSR746	MAGNETI MARELLI	MS312	R39341	CASE	MS418	REX51907B	JOHN DEERE	MG482
MSR746	MAGNETI MARELLI	MS89	R95VB10300BB	FORD NEW HOLLAND	MG404	SE501342	JOHN DEERE	MG233
MSR747	MAGNETI MARELLI	MS276	RE105298	JOHN DEERE	MS94	SE501387	JOHN DEERE	MG279
MT38QA	MAGNETI MARELLI	MS195	RE19196	JOHN DEERE	MS293	SE501835	JOHN DEERE	MG279
MT38TB	MAGNETI MARELLI	MS195	RE19275	JOHN DEERE	MS293	SE501844	JOHN DEERE	MS221
MT43HA	MAGNETI MARELLI	MS177	RE36268	JOHN DEERE	MG575	SE501850	JOHN DEERE	MS94
MT67A	MAGNETI MARELLI	MS387	RE41799	JOHN DEERE	MS293	SE501851	JOHN DEERE	MS89
MT67AA	MAGNETI MARELLI	MS387	RE42730	JOHN DEERE	MS293	SE501852	JOHN DEERE	MS293
MT67AB	MAGNETI MARELLI	MS387	RE49033	JOHN DEERE	MS293	SE501869	JOHN DEERE	MS430
MT67AC	MAGNETI MARELLI	MS387	RE500733	JOHN DEERE	MS264	SE502626	JOHN DEERE	MG482
MT67AD	MAGNETI MARELLI	MS387	RE500733	JOHN DEERE	MS89	SE502631	JOHN DEERE	MS94
MT67B	MAGNETI MARELLI	MS177	RE500819	JOHN DEERE	MS89	SE502632	JOHN DEERE	MS486
MT67BA	MAGNETI MARELLI	MS177	RE50095	JOHN DEERE	MS89	SE502679	JOHN DEERE	MS212
MT67C	MAGNETI MARELLI	MS186	RE501347	JOHN DEERE	MS430	SE502913	JOHN DEERE	MS292
MT67CA	MAGNETI MARELLI	MS186	RE501680	JOHN DEERE	MS430	ST222A370800001	MINSK (BELARUS)	MS320
MT67CB	MAGNETI MARELLI	MS186	RE501689	JOHN DEERE	MS430	TPN758	PERKINS	MG560
MT68A	MAGNETI MARELLI	MS195	RE501689	JOHN DEERE	MS89	TY24322	JOHN DEERE	MG84
MT68AA	MAGNETI MARELLI	MS195	RE501693	JOHN DEERE	MS293	TY24485	JOHN DEERE	MG233
MT68AB	MAGNETI MARELLI	MS195	RE501693	JOHN DEERE	MS430	TY25952	JOHN DEERE	MS334
MT68AC	MAGNETI MARELLI	MS195	RE501713	JOHN DEERE	MS430	TY25952	JOHN DEERE	MS89
MT68AD	MAGNETI MARELLI	MS195	RE501766	JOHN DEERE	MS94	TY25971	JOHN DEERE	MS293
MT68B	MAGNETI MARELLI	MS366	RE501767	JOHN DEERE	MS94	TY6605	JOHN DEERE	MG438
MT68BA	MAGNETI MARELLI	MS366	RE501769	JOHN DEERE	MS237	TY6688	JOHN DEERE	MS293
MT68L	MAGNETI MARELLI	MS278	RE502156	JOHN DEERE	MS430	TY6719	JOHN DEERE	MS293
MT68LA	MAGNETI MARELLI	MS278	RE502196	JOHN DEERE	MS430	TY6720	JOHN DEERE	MS312
MT68LB	MAGNETI MARELLI	MS278	RE503093	JOHN DEERE	MS486	TY6720	JOHN DEERE	MS89
MT68LC	MAGNETI MARELLI	MS278	RE503226	JOHN DEERE	MS416	TY6773	JOHN DEERE	MG575
MT68PA	MAGNETI MARELLI	MS58	RE503632	JOHN DEERE	MS237	TY6774	JOHN DEERE	MG84
MT68R	MAGNETI MARELLI	MS354	RE504009	JOHN DEERE	MS486	TY6795	JOHN DEERE	MG575
MT68S	MAGNETI MARELLI	MS294	RE504807	JOHN DEERE	MS416	U85086770	PERKINS	MS86
MT68S	MAGNETI MARELLI	MS345	RE504915	JOHN DEERE	MS237	V836666720	AGCO POWER (SISU)	MG177
MT68S	MAGNETI MARELLI	MS395	RE505744	JOHN DEERE	MS94	V836673353	AGCO POWER (SISU)	MS235
MT68T	MAGNETI MARELLI	MS220	RE505746	JOHN DEERE	MS293	V836674649	AGCO	MS214
MT71A	MAGNETI MARELLI	MS388	RE507639	JOHN DEERE	MS94	V836873457	AGCO	MS175
MT71AA	MAGNETI MARELLI	MS388	RE507670	JOHN DEERE	MS89	V941501	NIKKO	MS277
MT71AB	MAGNETI MARELLI	MS388	RE508322	JOHN DEERE	MS94	X830060003000	FENDT	MG124
MT71D	MAGNETI MARELLI	MS187	RE508922	JOHN DEERE	MS221	X830060011	FENDT	MG124
MT71DA	MAGNETI MARELLI	MS187	RE509106	JOHN DEERE	MG279	X830060020	FENDT	MG604
MT71DB	MAGNETI MARELLI	MS187	RE509658	JOHN DEERE	MS293	X830060022	FENDT	MG604
MT71FB	MAGNETI MARELLI	MS300	RE509658	JOHN DEERE	MS89	X830100001	FENDT	MS277
MT71GB	MAGNETI MARELLI	MS190	RE509856	JOHN DEERE	MS486	X830100004	FENDT	MS353

Cross References

REF	BRAND	VVA REF
X830100004000	FENDT	MS351
X830100006	FENDT	MS353
X830100008	FENDT	MS313
X830100009	FENDT	MS351

