

DRAPER

EN

Original Instructions
Version 3
July 2025

3.6V 1/4" HEX

SCREWDRIVER KIT

83568



UK
CA



1. Preface

1.1 Product Reference

User Manual for: 3.6V ¼ " Hex Screwdriver Kit

Stock No: 83568

Part No: CD36LIASF

1.2 Revisions

Version 1: July 2018

First release

Version 2: August 2021

Version 3: July 2025

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual

- **WARNING!** – Situations or actions that may result in personal injury or death.
- **CAUTION!** – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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3. Product Introduction

3.1 Intended Use

This cordless screwdriver kit is ideal for domestic applications such as assembling flat pack furniture.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

This product is intended for domestic and infrequent light-duty trade use.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

3.2 Specification

Stock No.	83568
Part No.	CD36LIASF
Maximum Torque	4.0Nm
Speed (no load)	180rpm
Spindle recess	1/4" Hex
Net Weight (Screwdriver only)	405g

Noise emissions:

Sound pressure level	64.76(A)
Sound power level	75.76 (A)
Vibration level	1.953m/s ²

AC Charger:

Type	Fail safe/safety isolating
Charging time	3 – 5hours
Rated voltage	230V
Rated frequency	50Hz
Rated power input	9W
Rated DC output	5V /0.8A

Integral Battery:

Type	Lithium-Ion
Rated voltage	3.6V
Rating	1.3Ah
Charging Temperature	5 - 45°C

Important: The declared vibration total values and noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.



WARNING! The vibration and noise emissions during actual use of the product can differ from the declared values depending on the type of work and the area upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.

4. Health and Safety Information

4.1 General Health and Safety Precautions



WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work Area Safety

- **Keep work area clean and well lit.**
 - Cluttered or dark areas invite accidents.
- **DO NOT operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**
 - Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.**
 - Distractions can cause you to lose control.

Electrical Safety

- **Power tool plugs must match the outlet. Never modify the plug in any way. DO NOT use any adapter plugs with earthed (grounded) power tools.**
 - Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**
 - There is an increased risk of electric shock if your body is earthed or grounded.
- **DO NOT expose power tools to rain or wet conditions.**
 - Water entering a power tool will increase the risk of electric shock.
- **DO NOT abuse the cord. NEVER use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.**
 - Damaged or entangled cords increase the risk of electric shock.

- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.**
 - Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.**
 - Use of an RCD reduces the risk of electric shock.

Personal Safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. DO NOT use a power tool while you are tired or under the influence of drugs, alcohol or medication.**
 - A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. ALWAYS wear eye protection.**
 - Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the ‘OFF’ position before connecting to power source, picking up or carrying the tool.**
 - Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.**
 - A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **DO NOT overreach. Keep proper footing and balance at all times.**
 - This enables better control of the power tool in unexpected situations.
- **Dress properly. DO NOT wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.**
 - Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.**
 - Use of dust collection can reduce dust-related hazards.

- **DO NOT** let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.
 - A careless action can cause severe injury within a fraction of a second.

Power Tool Use and Care

- **DO NOT** force the power tool. Use the correct power tool for your application.
 - The correct power tool will do the job better and safer at the rate for which it was designed.
- **DO NOT** use the power tool if the switch does not turn it on and off.
 - Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool, before making any adjustments, changing accessories or storing power tools.**
 - Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and DO NOT allow persons unfamiliar with the power tool or these instructions to operate the power tool.**
 - Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.**
 - Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.**
 - Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.**
 - Use of the power tool for operations different from those intended could result in a hazardous situation.

- **Keep handles and grasping surfaces dry, clean and free from oil and grease.**
 - Slippery handles and grasping surfaces **DO NOT** allow for safe handling and control of the tool in unexpected situations.
- **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord.**
 - Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.**
 - This will ensure that the safety of the power tool is maintained.

4.2 Safety Instructions for Chargers

- The charger is for indoors use only.
- Only use the dedicated charger supplied.
- Before plugging the charger into the power supply, check that the charger casing, plug and cord are in good condition. If there are any signs of damage, have the item replaced immediately by a suitably qualified person.
- Only use a correctly rated mains outlet to provide power. **DO NOT** plug into site generators, engine generators or DC sources. **DO NOT** use a mains socket outlet that is not switched.
- Set up the charger in a safe place where the cord will not be knocked, tripped over or stepped on and where it is well ventilated.
- To prevent overheating **DO NOT** cover the charger.
- Before charging the product read the instructions.
- **DO NOT** charge any other products with the charger.



WARNING! If the cord is damaged or the non-resetting protective device is activated due to a short circuit/overload the charger will need to be scrapped. Replace with one with an identical specification, design and application.

4. Health and Safety Information

4.3 Connection to the Power Supply (Charger)

This charger is supplied with an approved plug and cord for your safety.

If the charger/power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.

The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.

This charger is Class II† and is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

If an extension lead is required, use an approved and compatible lead rated for this appliance.

Important: Always follow the extension lead instructions regarding maximum load while the cable is wound. If in doubt, unwind the entire cable. A coiled extension lead generates heat which could melt the lead and cause a fire.

†Double insulated: This charger is double insulated and does not require an earth connection to protect against electric shock from accessible conductive parts should the basic insulation fail.

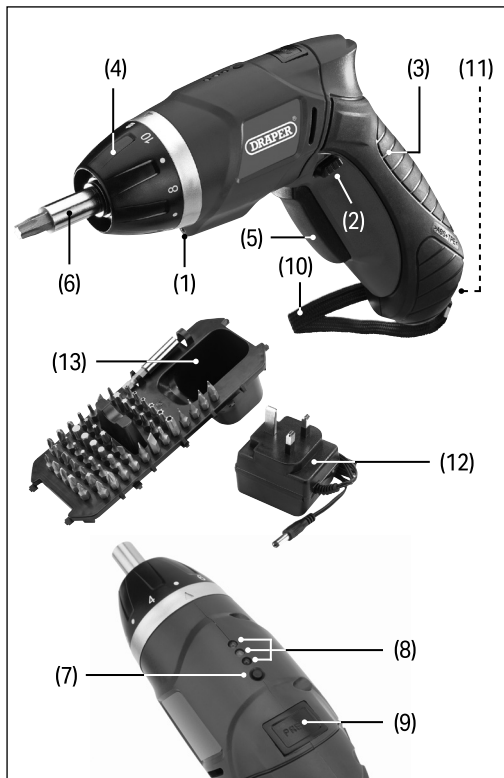
4.4 Residual Risk

The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

5. Identification and Unpacking

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.

5.1 Product Overview



1. LED Worklight
2. Forward/reverse selector
3. Soft grip handle
4. Torque selector
5. Trigger switch
6. 1/4" Hex drive
7. Battery charge level test button
8. Battery charge indicator lights
9. Handle release button
10. Carry strap
11. Charger connection socket
12. 230V AC Charger
13. Storage case with assorted screwdriver bits

Please visit drapertools.com for our full range of accessories and consumables.

5.2 Screw Bit Selection

The storage box (13) contains the following assorted screwdriver bits (54 and 1 holder)

Note: Hexagon Drives supplied are 1/4" and 25mm in length.

Qty Supplied	Screwdriver Type	Screwdriver Bit Size
5	Plain slot	3mm, 4mm, 5mm, 6mm, 7mm
4	Cross slot	No.0, No.1, No.2, No.3
4	PZ Type	No.0, No.1, No.2, No.3
6	Draper TX-STAR security	T10, T15, T20, T25, T30, T40
7	Draper TX-STAR security	T10, T15, T20, T25, T30, T35, T40
7	Hex	2mm, 2.5mm, 3mm, 4mm, 5mm, 5.5mm, 6mm
5	IP Type	IP10, IP15, IP20, IP25, IP30
3	Torque	6mm, 8mm, 10mm
4	Tri-winged	No.1, No.2, No.3, No.4
4	Square	S0, S1, S2, S3
4	Spanner	No.4, No.6, No.8, No.10
1	XZN	M8
1	Magnetic bit holder	

5.3 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs to be returned for repair.



WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

6. Preparation Instructions

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

6.1 Battery Charging (Fig.1 – Fig.2)

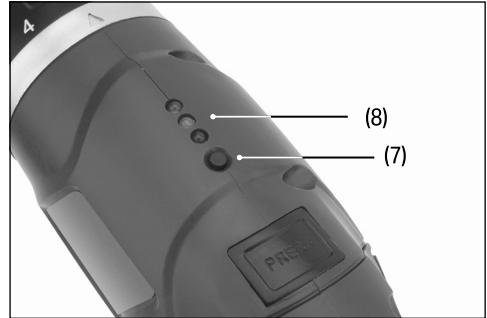


Fig. 1

- To check the battery charge level, press the battery level test button (7).

1. Insert the charger plug (12.1) into the charger connector socket (11).



Fig. 2

2. Plug into a 230V electrical socket.

- During the charging cycle the battery charge level indicator light (8) will light up red. Once fully charged all the lights will go out.

Battery charge Level Indicator Lights (8)

Red	Recharge required
Amber	Medium charge
Green	Fully charged

7. Operating Instructions

7.1 Forward and Reverse Rotational Drive (Fig.3)

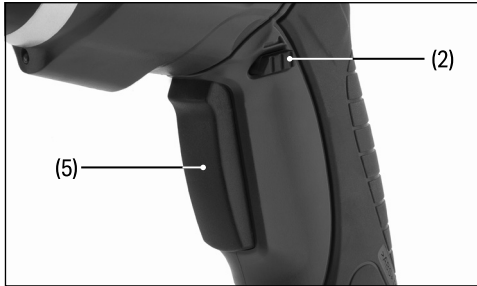


Fig. 3

1. Press the trigger (5) to activate the screwdriver.
2. To change the rotational direction of the bit holder:
 - a. Clockwise rotation - Stop the screwdriver and push switch (2) to the left.
 - b. Anticlockwise rotation - Stop the screwdriver and push switch (2) to the right.
 - c. **DO NOT** change the direction until the bit holder has completed stopped.
3. When the screwdriver is not in use move the direction switch to the middle position (**neutral**).

7.2 Installing the Screw Bits (Fig.4)

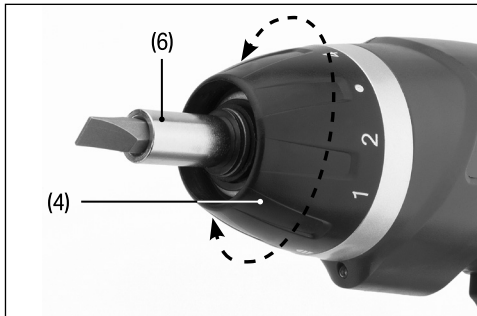


Fig. 4

- Insert the appropriate bit required into the hex drive (6).
 - To prevent slip or damage to the screw head, match the bit to the head size and pattern.
 - To avoid damage to the screw head do not use worn bits.

7.3 Select Torque Setting

To select the required torque setting , twist the torque selector (4) to the required position – 1 to 10 + drill.

7.4 Adjusting the Handle Position (Fig.5)

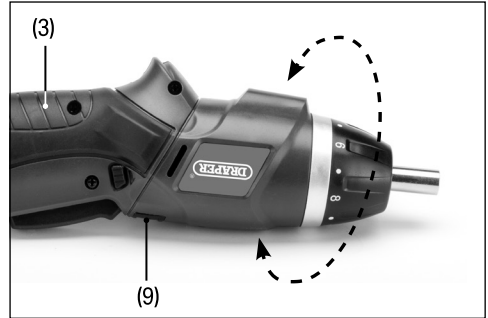


Fig. 5

- To change the handle position, press the handle release button (9) and twist the handle (3) through 180° until it clicks in place.
- Use this function for using the screwdriver in awkward to reach areas.

7.5 LED Worklight (Fig.6)

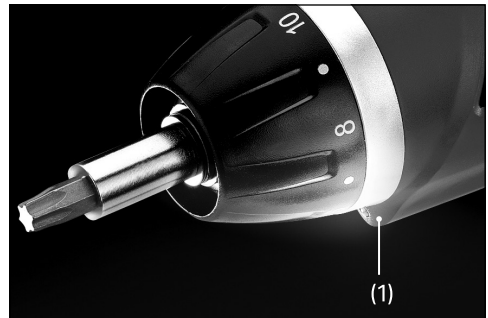


Fig. 6

- When the trigger switch (5) is pressed the Worklight will come on.

8. Maintenance, Storage and Disposal

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- Always unplug from the charger and switch off before carrying out any cleaning or maintenance.
- Regularly inspect and clean the screwdriver to keep it in good working condition.
- Wipe over with a damp cloth only. **DO NOT** use solvents or abrasives to clean the product.
- When not in use store the product in the box supplied in a dry safe place out of the reach of children.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



- **DO NOT** burn or mutilate batteries; this may release toxic or corrosive substances.



9. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for **24 months** from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

In all cases, to make a claim for faulty workmanship or materials within the standard warranty period, please contact or return the product to the place of purchase.

Proof of purchase may be required.

If the place of purchase is no longer trading or if you experience any difficulties with your warranty, please contact Customer Services with the product details and your proof of purchase. Contact details can be found at the back of this manual.

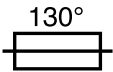
If the tool is not covered by the terms of this warranty, repairs and carriage charges will be quoted and charged accordingly.

This warranty supersedes any other guarantees expressed or implied and variations of its terms are not authorised.

Your Draper Tools guarantee is not effective until you can produce, upon request, a dated receipt or invoice to verify your purchase within the guarantee period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

Draper Tools Limited

	Read the instruction manual		Class II construction (Double insulated)
	Keep out of the reach of children		Lithium-ion product.
	Warning!		For indoor use only; do not expose to rain
	WEEE – Waste Electrical & Electronic Equipment Do not dispose of this product with domestic waste		Short-circuit-proof safety isolating transformer
	Do not incinerate or throw onto fire		Fuse
	European conformity		Polarity indication
	UK Conformity Assessed		Rated voltage

Contact Details

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