

Lynx - Heated passenger seat 500mm and 600mm

Product: **Lynx**
 Project no: **487803608**
 Instruction Sheet P/N: **487803608**
 Revision no:
 Revision date:
 Item covered: **Heated passenger seat 500mm and 600mm**

The following symbols may be used in this document:

 **WARNING**

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

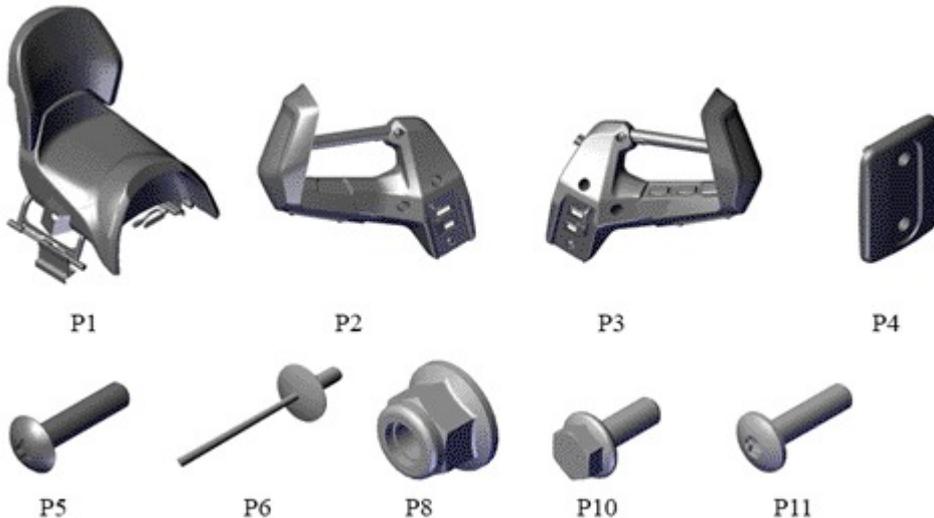
 **CAUTION:** Indicates a hazard situation which, if not avoided, could result in minor or moderate injury.
NOTICE Indicates an instruction which, if not followed, could severely damage vehicle components or other property.

 **WARNING**

- For safety reasons, this kit must be installed by an authorized BRP dealer.
- This kit is designed for specific applicable models only (authorized BRP dealers will confirm model(s)). It is not recommended for units other than the one (those) for which it was sold.
- If the installation of the kit requires a template, ensure that template is to scale.
- Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one.
- Torque wrench tightening specifications must strictly be adhered to.
- Some components may be HOT. Always wait for engine to cool down before performing work.

NOTE: The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts.

Installation time is approximately 1 hours.
 parts to be installed



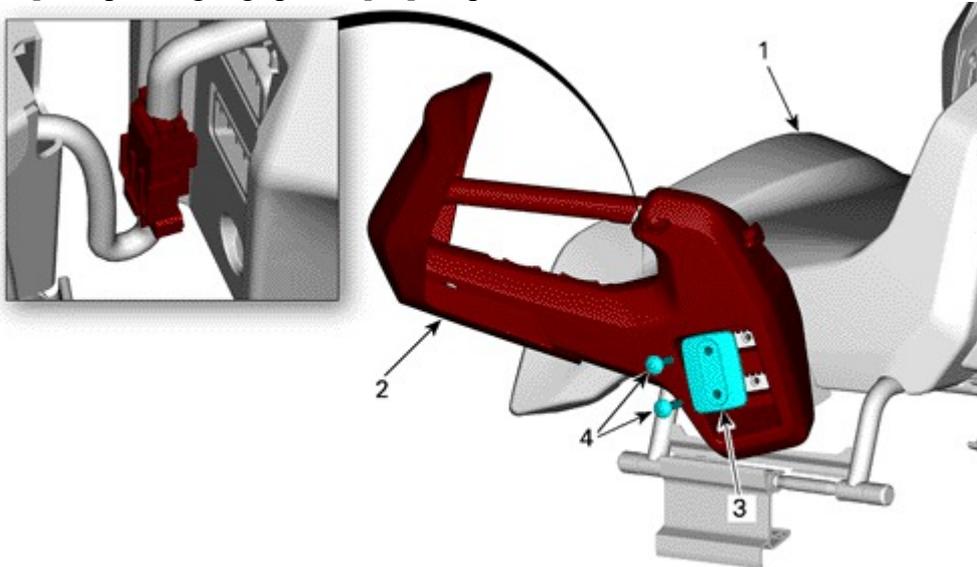
| ITEM | DESCRIPTION | P/N | QTY |
|------|---|----------------|-----|
| P1 | Assembled Heated passenger seat; consisting of: | N/A separately | 1 |
| ▶ | SEAT ASS'Y PASSENGER, HEATED | 510006811 | 1 |
| ▶ | MODULE_CHASSIS PASSENGER ASSY | 510006817 | 1 |
| ▶ | RIVET_BULBEX 4.8 X 23.3 | 293150027 | 2 |

| | | | |
|-----|--|----------------|---|
| ▶ | SEAT TRIM | 510006848 | 1 |
| ▶ | TUFLOK PLASTIC RIVET | 293150230 | 2 |
| ▶ | BACKREST PASSENGER ASSY | 510006730 | 1 |
| ▶ | HEX. FLANGED SCREW M6 X 35 | 207663544 | 4 |
| ▶ | ELASTIC FLANGED NUT M6 | 233261416 | 4 |
| ▶ | LABEL, WARNING | 516009911 | 2 |
| P2 | RH Passenger Heated Grip | N/A separately | 1 |
| P3 | LH Passenger Heated Grip | N/A separately | 1 |
| P4 | TRIM PASSENGER HANDLE | 510006602 | 2 |
| P5 | TORX TRUSS M/S M8 X 35 | 250000753 | 4 |
| P6 | RIVET_POP 3/16 | 390402200 | 2 |
| P7 | TAILLIGHT WIRING HARNESS (not illustrated) | 515178633 | 1 |
| P8 | ELASTIC FLANGED NUT M6 | 233261416 | 2 |
| P9 | TIE RAP (not illustrated) | 414115200 | 6 |
| P10 | HEX. FLANGED SCREW M6 X 16, SCOTCH GRIP | 207561644 | 4 |
| P11 | TORX SCREW M5 X 20 | 250000724 | 2 |

instructions

Parts preparation

Connect LH Passenger Heated Grip [P3] before assembling it on seat [P1] using two (2) M8 x 35 Torx screw [P5] and passenger grip trim [P4]. Repeat for RH side.



typical

- 1. Seat [P1]
- 2. LH Handle [P3]
- 3. Trim [P4]
- 4. M8 x 35 Torx screw [P5]

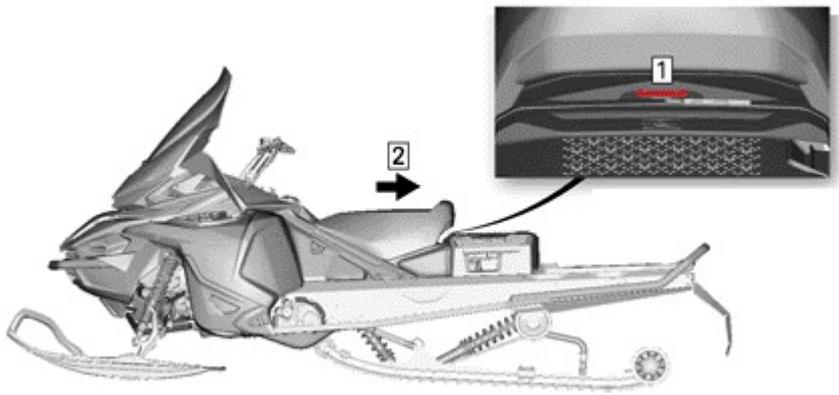
tightening torque

M8 x 35 Torx screw [P5]

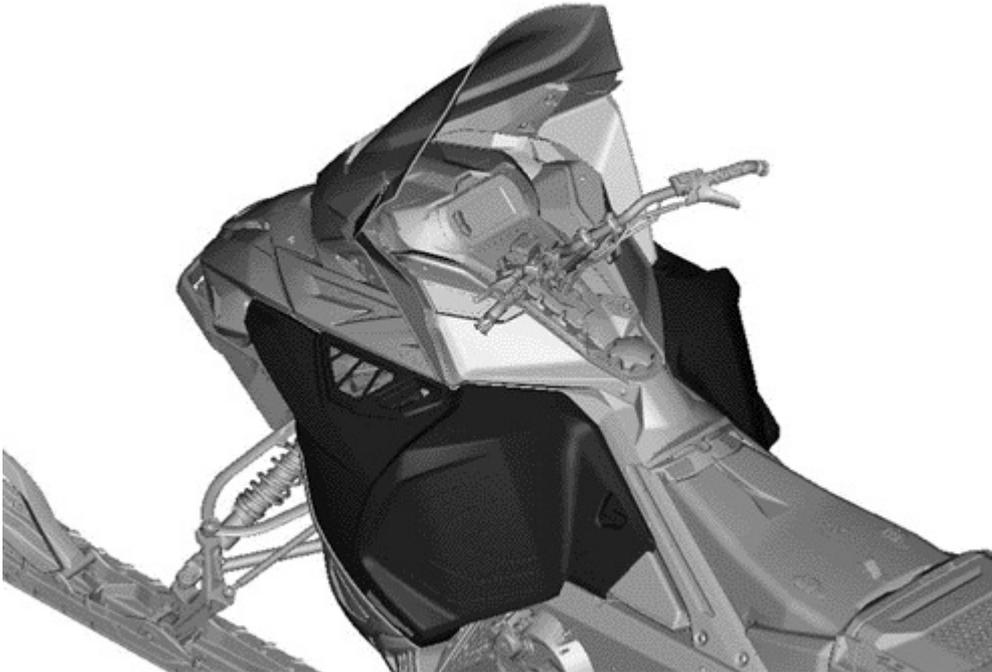
20 ± 1 N•m (15 ± 0.7 lbf•ft)

Vehicle Preparation

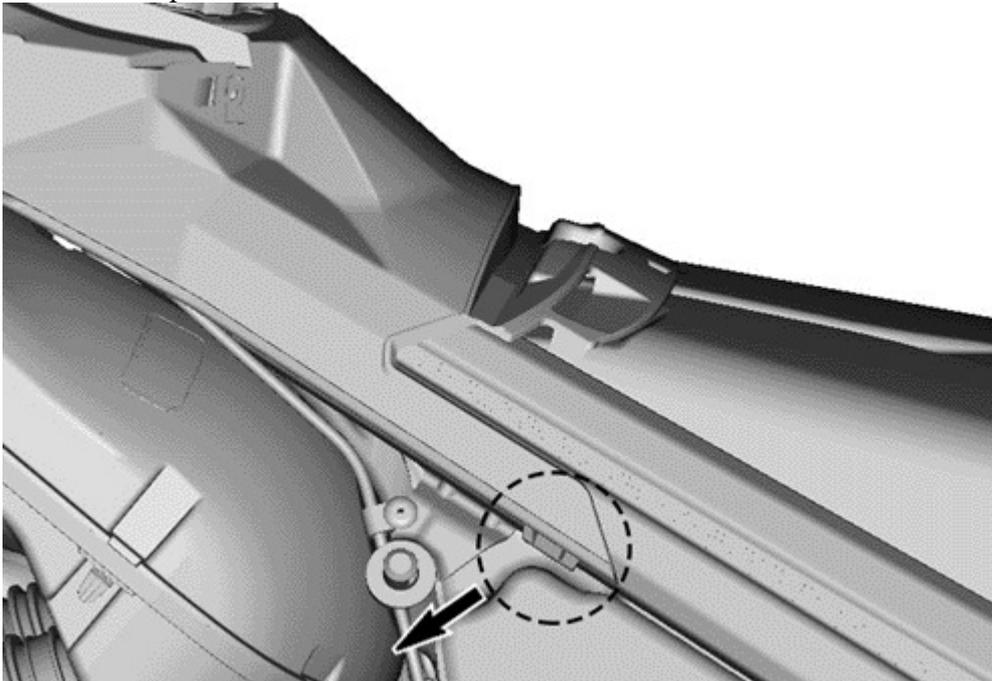
Remove driver seat by releasing the latch and sliding it toward the rear.



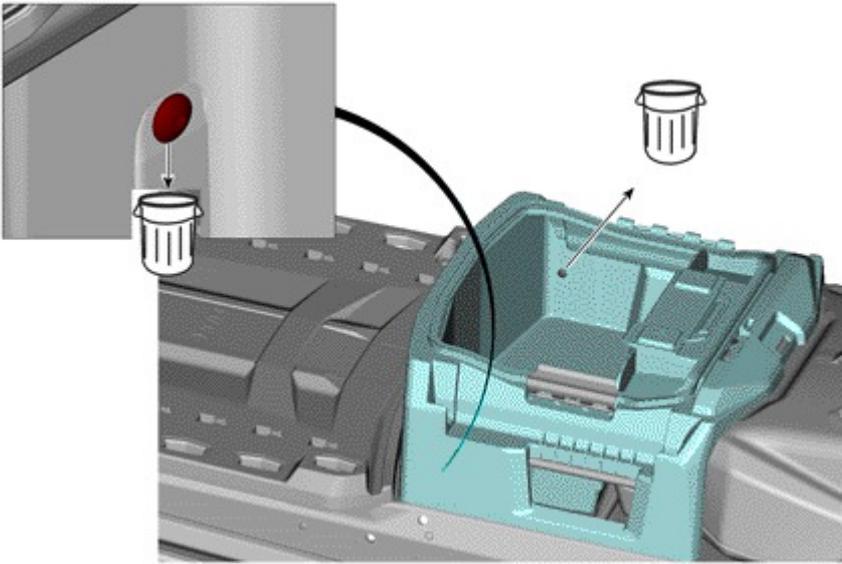
Remove side panels and upper body module. Refer to appropriate SHOP MANUAL for procedure.



Pull to separate the console ears from the rear frame member. Remove console.

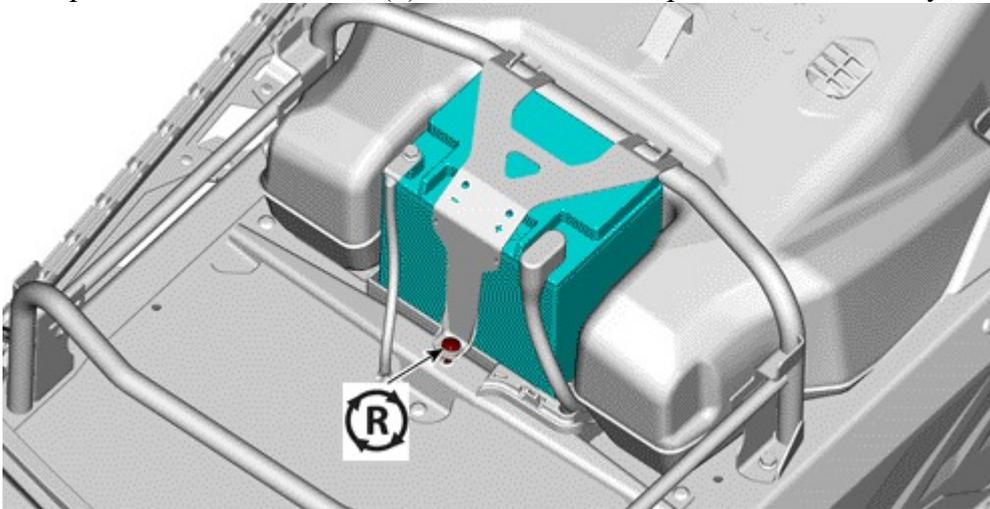


Remove and discard cargo box mounting screws. Remove cargo box.

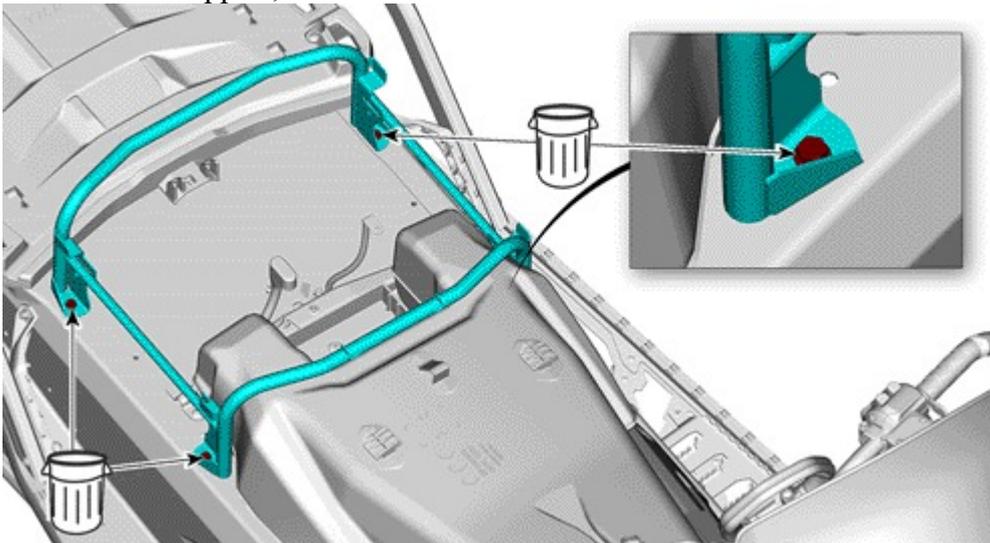


Remove battery. Keep battery rack mounting screw.

NOTICE Always disconnect battery before doing any electrical installation. Always disconnect battery in this specified order, BLACK (-) cable first. Do not place tools on battery.

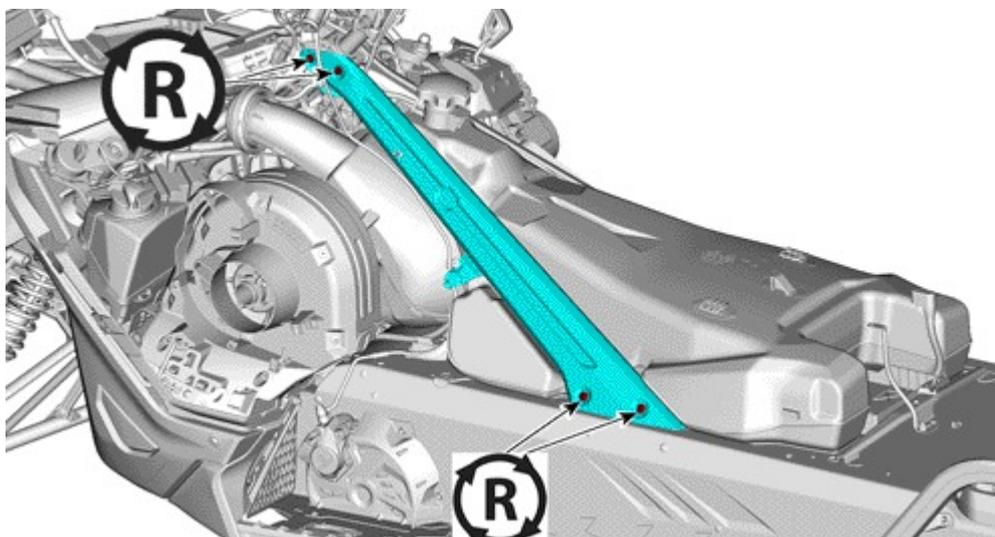


Remove seat support, discard screws.

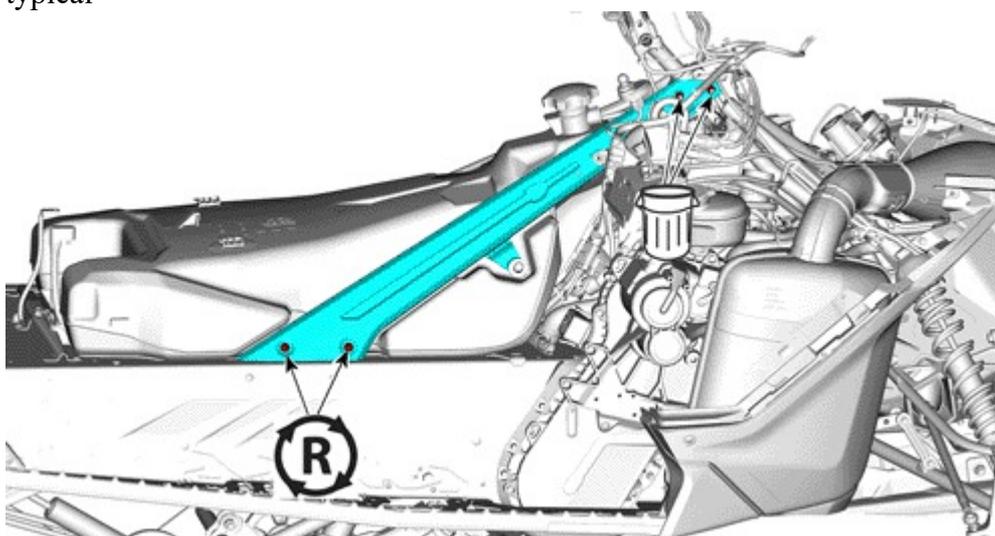


Remove rear frame members:

1. Remove and keep the four (4) M8 x 12 Torx screws.
2. Remove and discard two (2) nuts.
3. Remove and keep the two (2) M6 x 75 hex. screws.

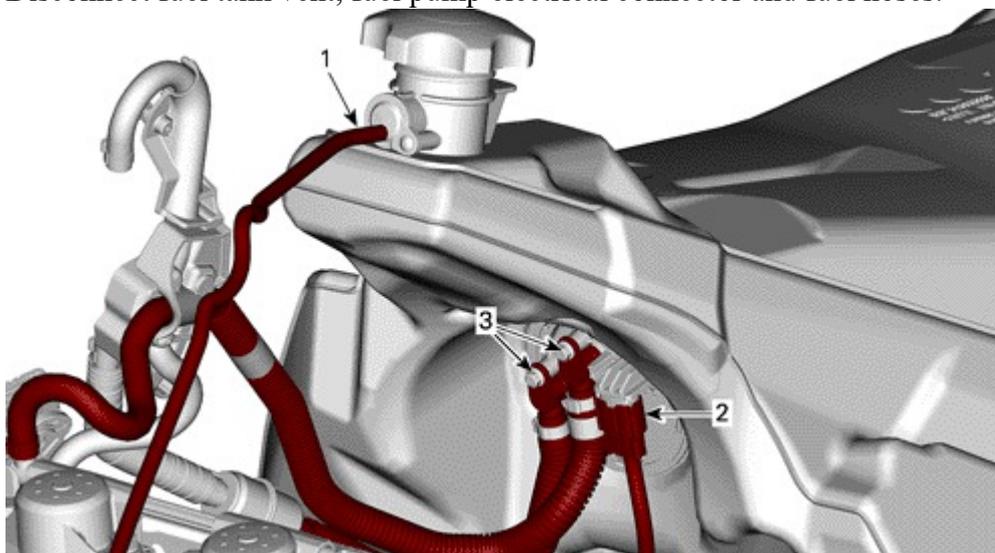


typical



typical

Disconnect fuel tank vent, fuel pump electrical connector and fuel hoses.

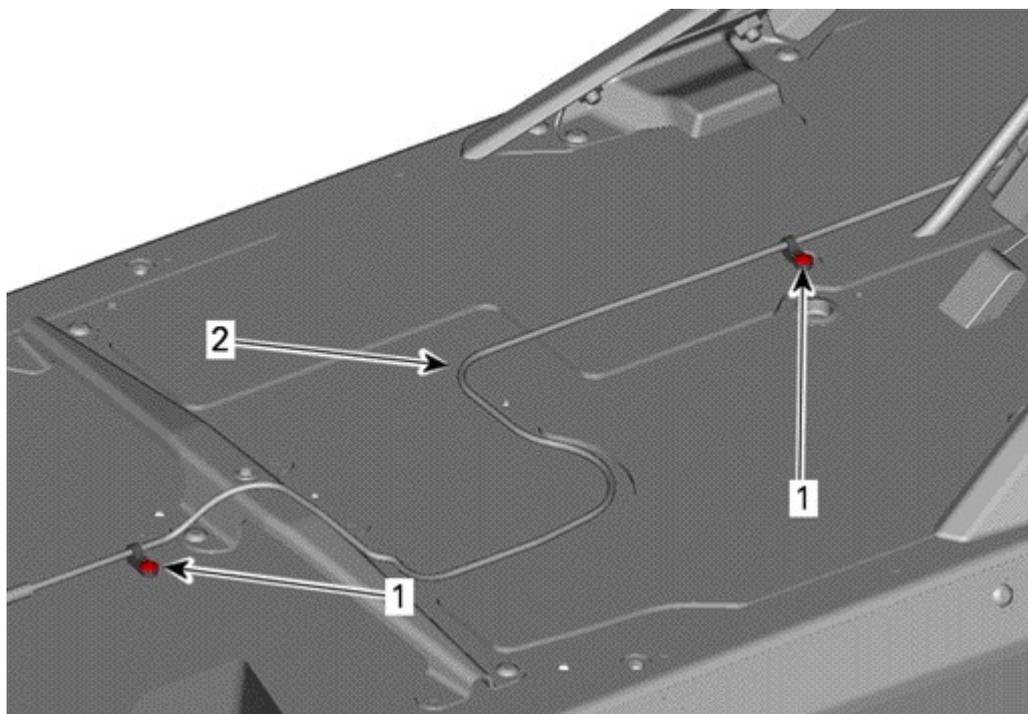


typical

- 1. Fuel tank vent
- 2. Fuel pump electrical connector
- 3. Fuel hoses

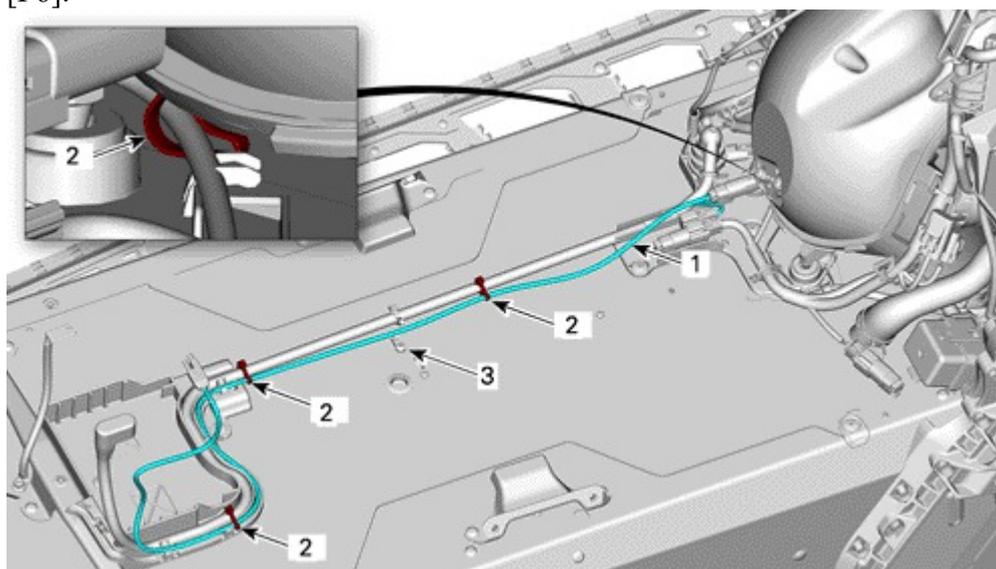
Remove fuel tank.

Drill away two pop-rivets retaining original electric harness. Use drill bit of 5mm to remove rivets.



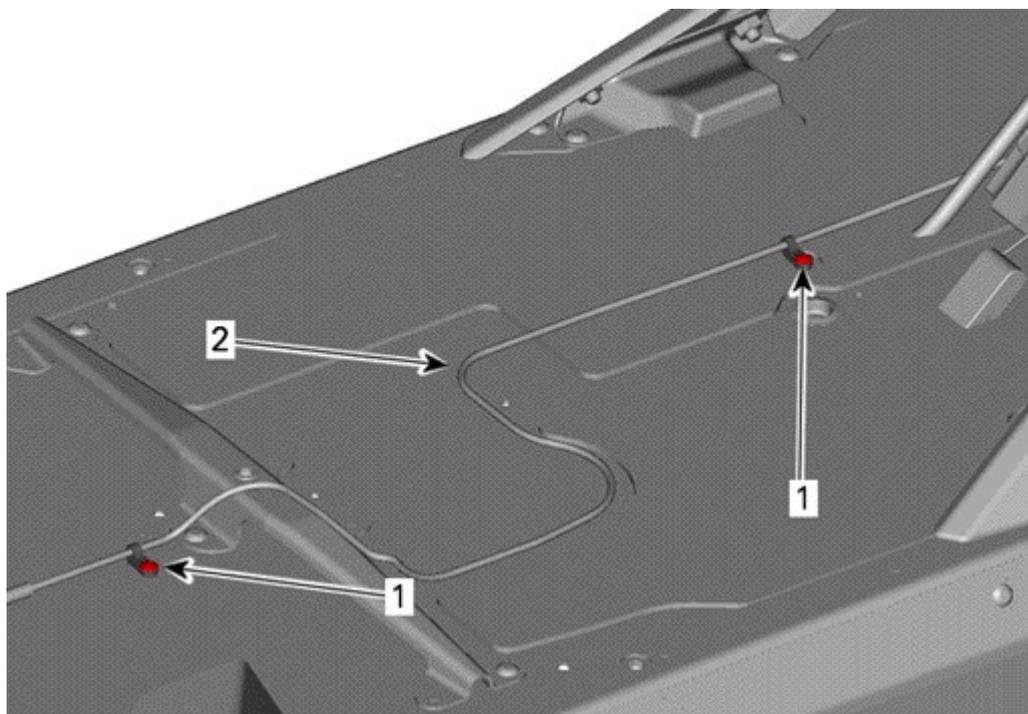
1. Rivets to remove
2. Original electric harness

Connect and route harness [P7] as shown and secure using four (4) locking ties [P9] and two (2) pop rivets [P6].



typical

1. Harness [P7]
2. Locking tie (P/N 414115200) or suitable
3. Pop rivet [P6]

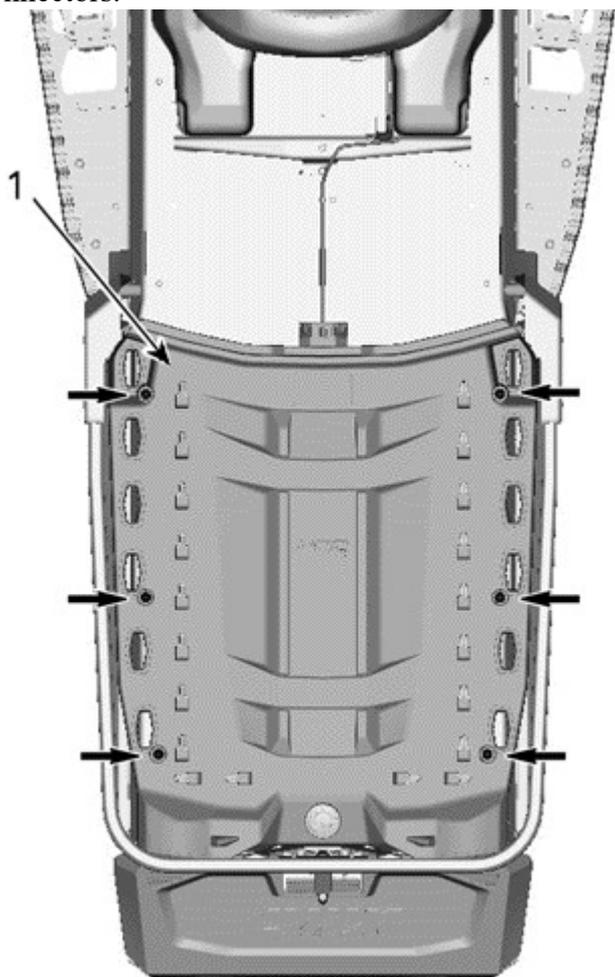


POP rivets illustrated

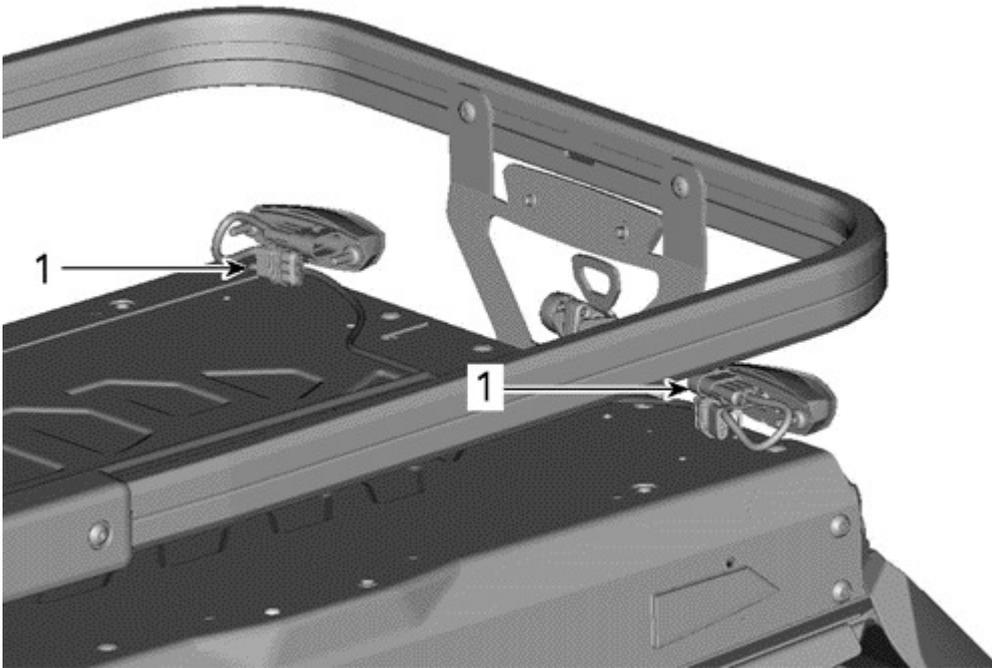
1. Pop rivet [P6]

2. Harness [P7]

Remove and keep six (6) Torx screws from LinQ plate. Lift plate enough to swap harness to rear light connectors.



1. LinQ Plate



1. Rear light harness connectors

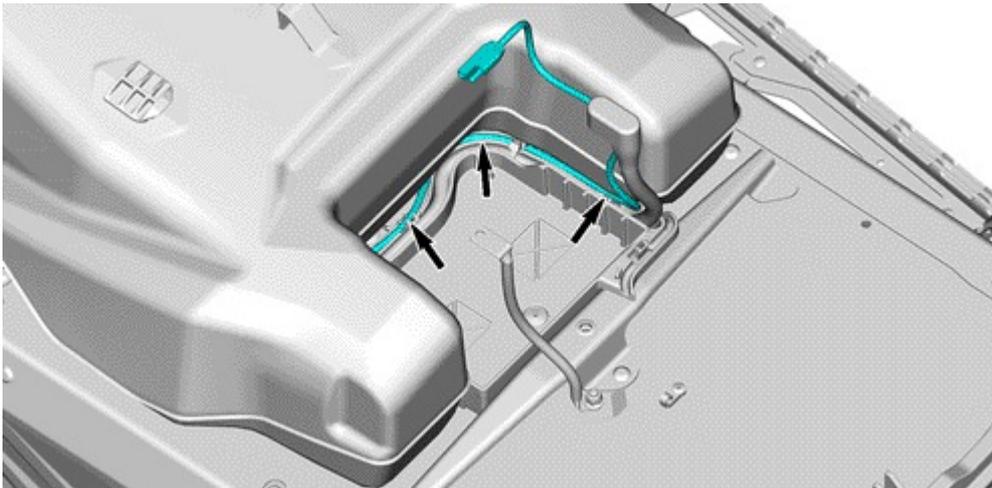
Re-install LinQ plate and six (6) torx screw with washers.

tightening torque

M6 x 30 Torx screw (LinQ plate)

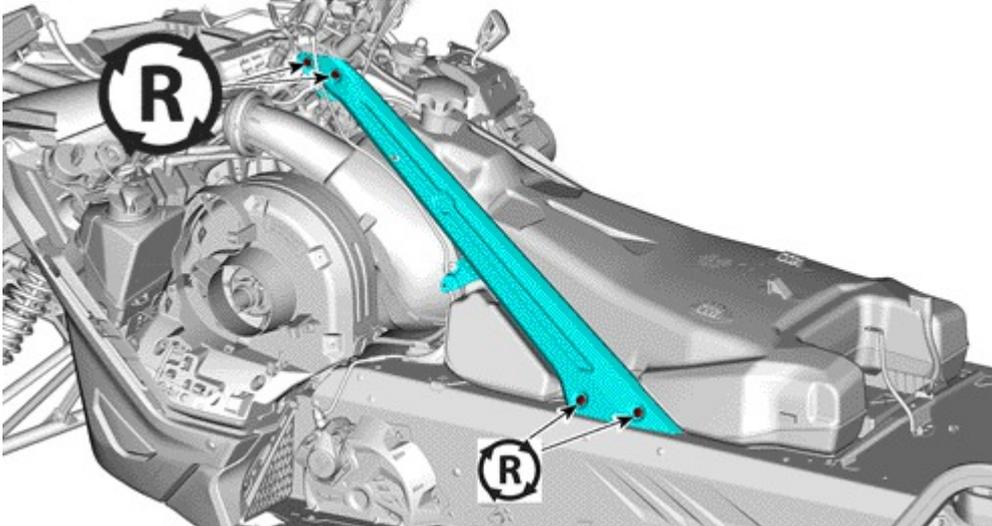
$6 \pm 0.5 \text{ N}\cdot\text{m}$ ($4.4 \pm 0.4 \text{ lbf}\cdot\text{ft}$)

Install fuel tank, connect fuel hose, fuel pump connector and vent. Ensure harness's fuse is not under fuel tank.

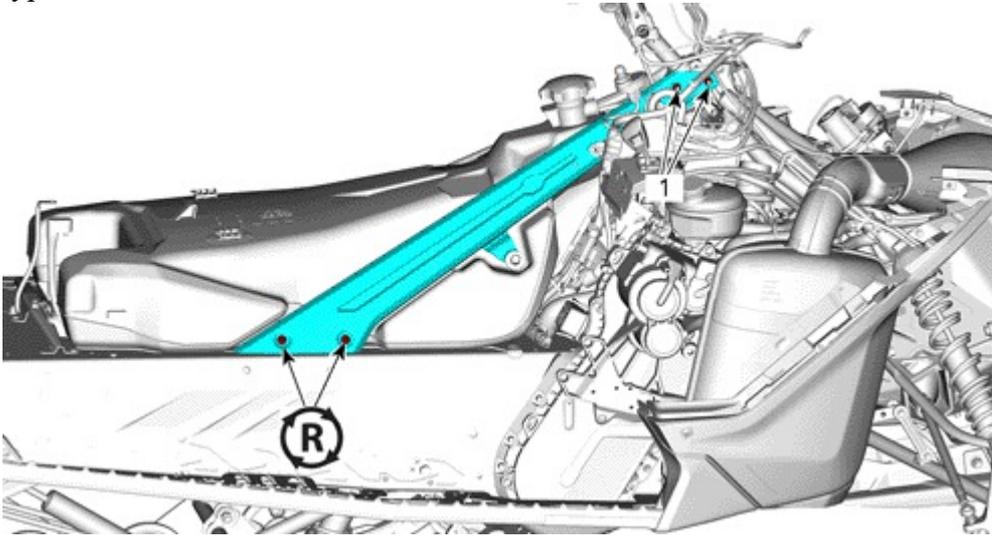


Install rear frame member in the reverse order of removal using the previously removed fasteners and M8 x 12 Torx screws and new M6 elastic flanged nuts [P8]. Tighten to specification.

Apply LOCTITE 243 (BLUE) (P/N 293 800 060) for four (4) M8 x 12 Torx screws before installing.



typical



typical

1. M6 elastic flanged nut [P8]

tightening torque

M8 x 12 Torx screws

$30 \pm 2 \text{ N}\cdot\text{m}$ ($22 \pm 1 \text{ lbf}\cdot\text{ft}$)

M6 elastic flanged nut [P8]

$12.5 \pm 2.5 \text{ N}\cdot\text{m}$ ($111 \pm 22 \text{ lbf}\cdot\text{in}$)

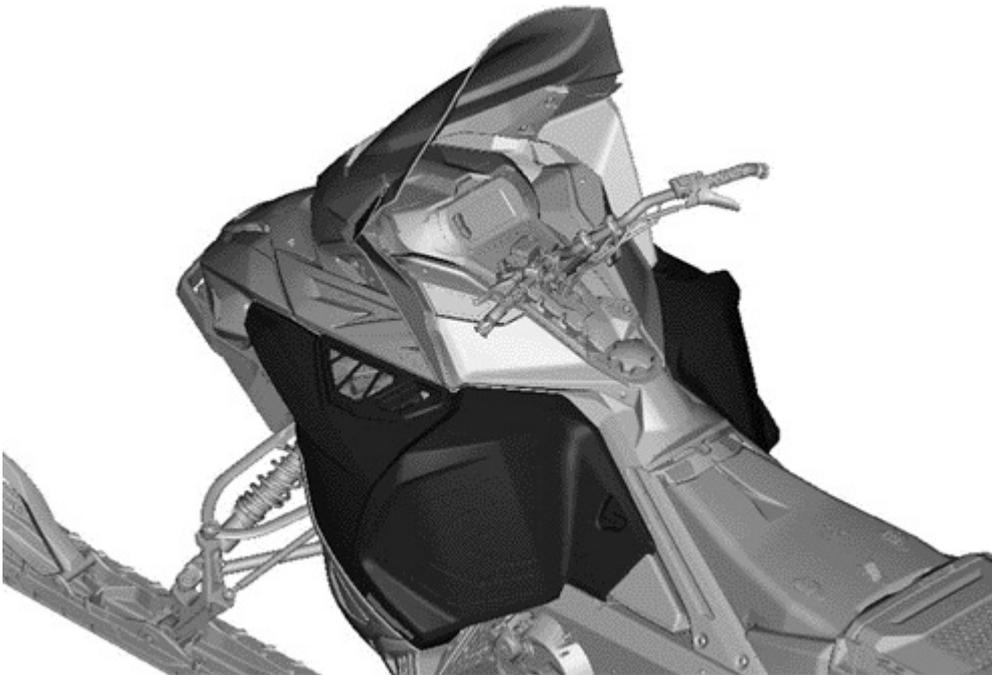
Install console in reverse order of removal phase. Use tie rap [P9] on previously removed ones.

tightening torque

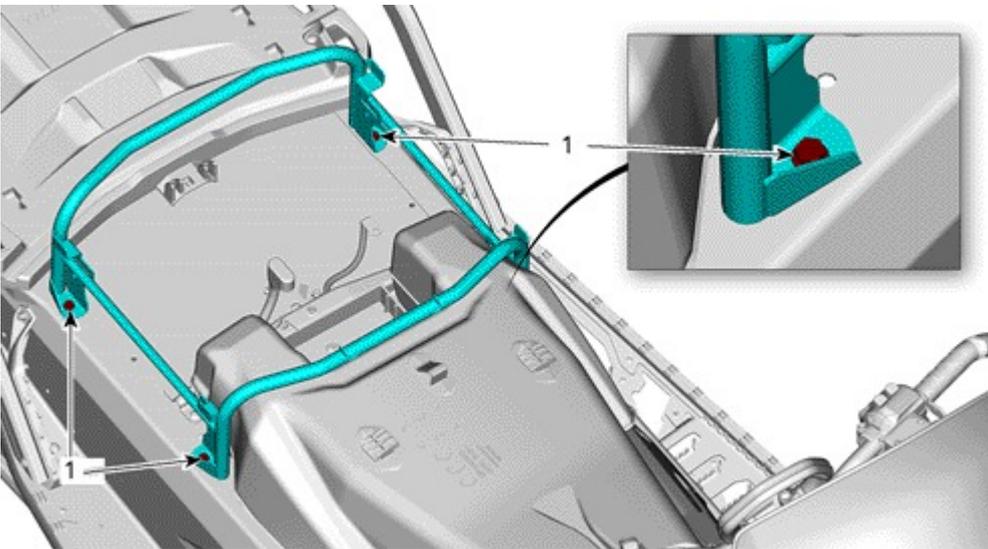
M5 hex. nut

$2 \text{ N}\cdot\text{m}$ to $2.5 \text{ N}\cdot\text{m}$ ($18 \text{ lbf}\cdot\text{in}$ to $22 \pm 1 \text{ lbf}\cdot\text{in}$)

Install upper body module and side panels. Refer to appropriate SHOP MANUAL for procedure.



Install seat support using M6 x 16 hex. scotch grip screw [P10]. Tighten to specification.



typical

1. HEX. FLANGED SCREW M6 X 16, SCOTCH GRIP [P10]

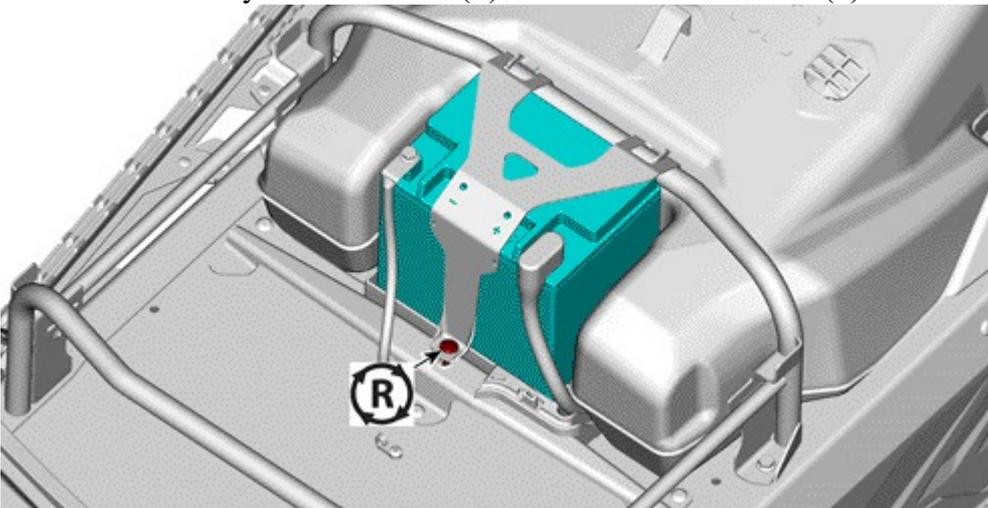
tightening torque

M6 x 16 hex. scotch grip screw [P10]

$10 \pm 2 \text{ N}\cdot\text{m}$ ($89 \pm 18 \text{ lbf}\cdot\text{in}$)

Install battery with support and connect red cable first, followed by the black cable. Tighten previously removed M6 x 30 Torx screw to specification.

NOTICE Always connect RED (+) cable first then BLACK (-) cable.



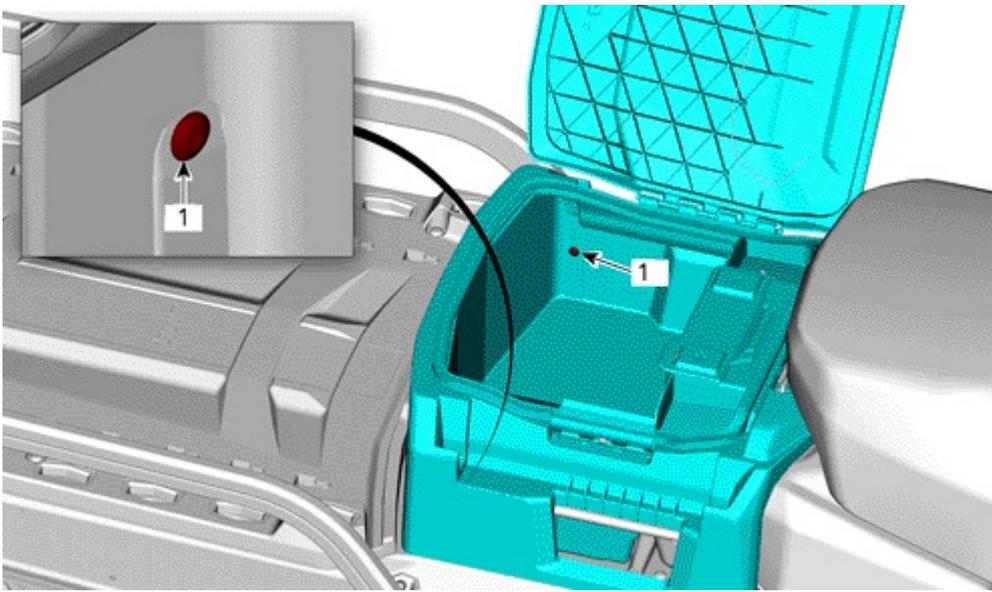
typical

tightening torque

M6 x 30 Torx screw

$5 \pm 0.5 \text{ N}\cdot\text{m}$ ($44 \pm 4 \text{ lbf}\cdot\text{in}$)

Install cargo box and secure using M5 x 20 Torx screw [P13]. Tighten to specification.



typical

1. M5 x 20 Torx screw [P13]

tightening torque

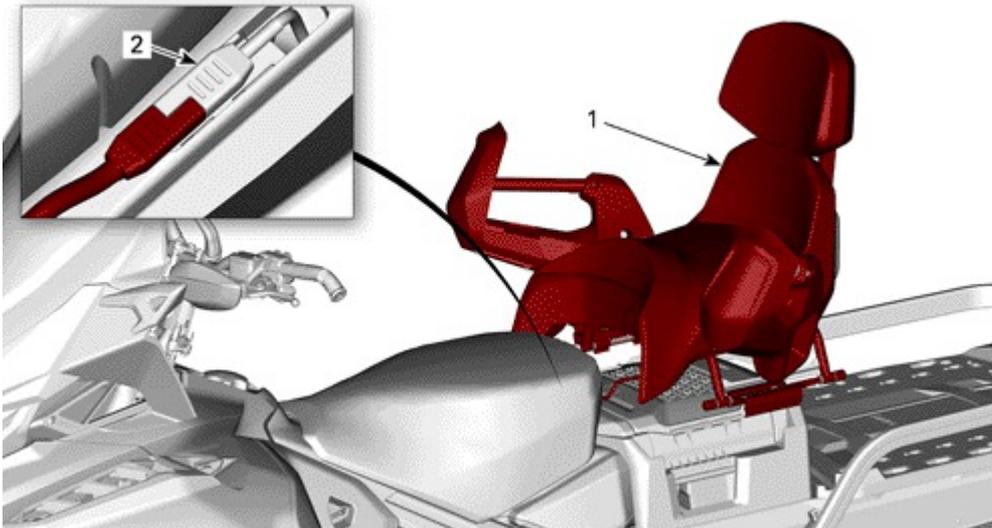
M5 x 20 Torx screw [P13]

1.5 N•m to 2.5 N•m (13 lbf•in to 22 ± 1 lbf•in)

Install driver seat.

Parts Installation

If equipped, remove factory passenger seat, install assembled heated passenger seat [P1] and connect to harness [P7].

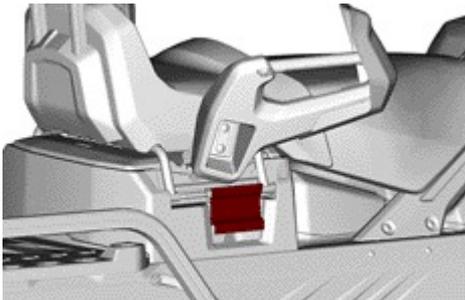


typical

1. Seat [P1]

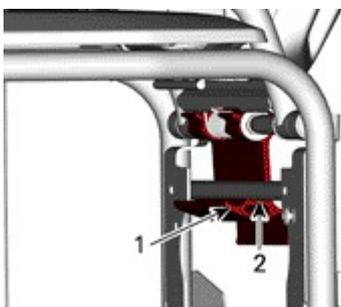
2. Harness [P7]

Lock seat on on both latches.



typical

Ensure to reach the second step when latching.



1. First step

2. Second step

⚠ CAUTION: Ensure the latch is on the second step before riding.

Warning label

This product comes with the following WARNING label containing important informations.

The label should be considered a permanent part of this product. If the label comes off or becomes hard to read, please contact an authorized dealer for FREE OF CHARGE replacement.

Any person who intends to use this product should read and understand the informations contained on the label before doing so.

