HIGH VOLTAGE BUSBAR KIT

P/N 2889667

IMPORTANT
Due to the technical nature of this kit, Polaris® insists that this installation be performed by a certified Polaris® technician.

MISSING OR DAMAGED PARTS

Before beginning assembly, inspect the kit and its component(s) to be sure all parts and tools are accounted for and not damaged. If missing parts or parts are damaged, please contact your Selling Dealer for assistance.

If your accessory was purchased online, please contact POLARIS® customer service at **1-800-POLARIS** (US & Canada only).

APPLICATION

Verify accessory fitment at www.polaris.com.

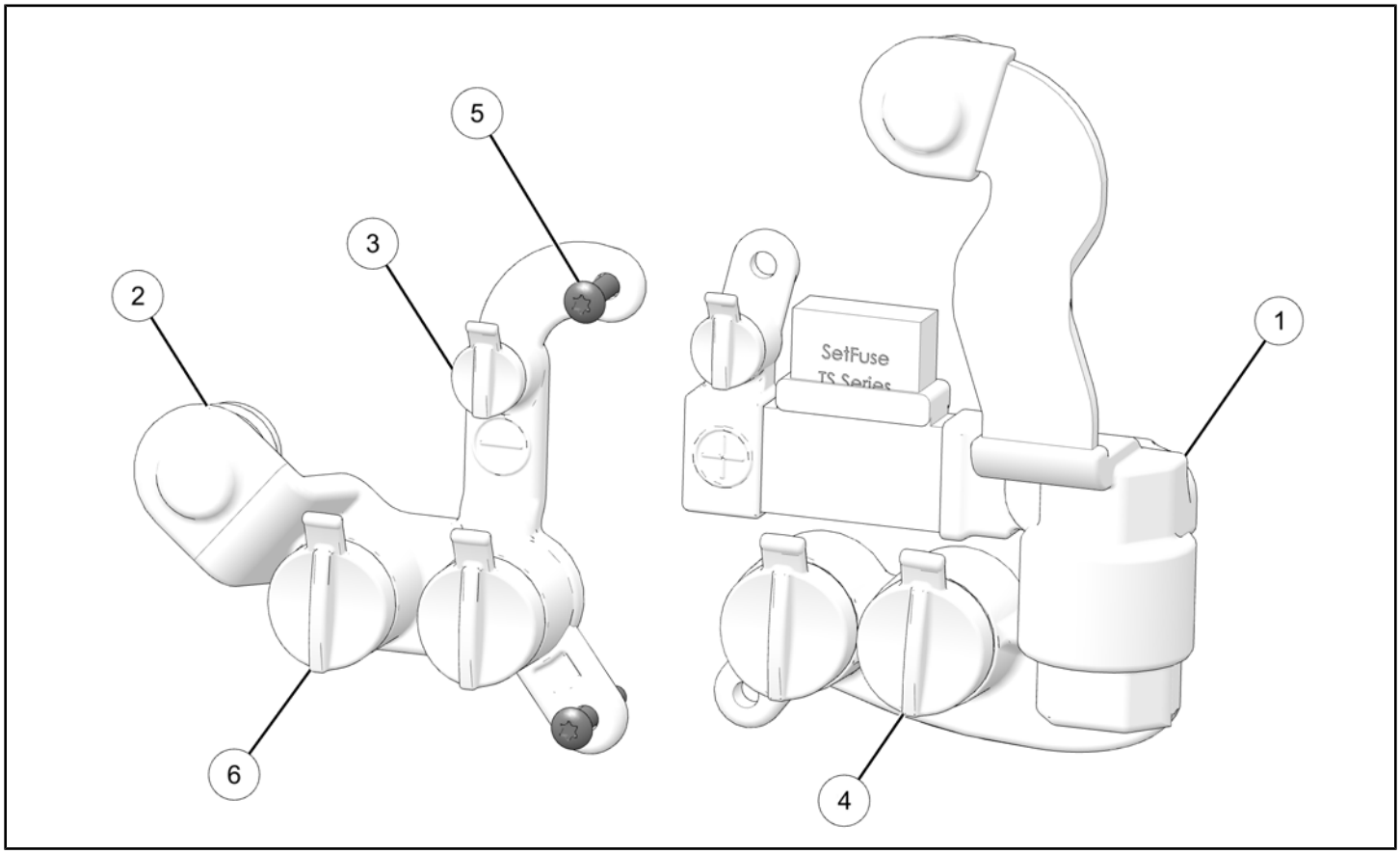
IMPORTANT
For Dual Battery Vehicles: The busbar kit will only be installed on the driver side battery.

REQUIRED SOLD SEPARATELY

Only parts for installation of the High Voltage Busbar Kit are included. For complete installation, the following additional kit is required (sold separately):

- *Radsok® Adhesives*, P/N 2890070 (European vehicles only)

KIT CONTENTS



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
1	1	High Voltage Busbar, Positive	4080887	n/a
2	1	High Voltage Busbar, Negative	4080888	n/a
3	2	Busbar Cap, 3.6 mm	n/a	2209605
4	2	Busbar Cap, 12 mm	n/a	2209605
5	2	Screw – Torx® Head, M5 x 0.8 x 30 mm	8521512	2209605
6	2	Busbar Cap, 10 mm (not used)	n/a	2209605

TOOLS REQUIRED

- Safety Glasses
- 00 Rated Safety Gloves with Leather Glove Protectors (PPE)
- Multi-Meter
- Pliers, Push Pin Rivet
- Screwdriver, Slotted, Insulated
- Screwdriver Set, Torx®, Insulated
- Socket Set, Metric, Insulated
- **Special Service Tool:**
  - High Voltage A-Frame Sign (PPE) P/N PU-53209
  - High Voltage Test Harness, P/N 2416914

IMPORTANT

Your High Voltage Busbar Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

INSTALLATION INSTRUCTIONS

VEHICLE PREPARATION

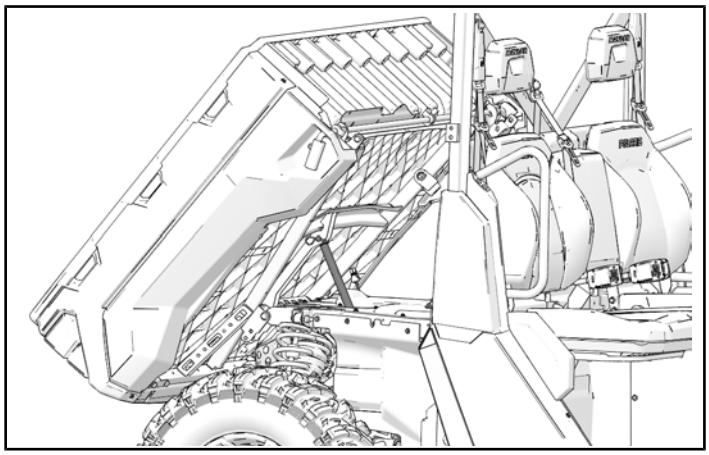
GENERAL

1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.
4. If vehicle is connected to a charger, disconnect charger from the charge port.

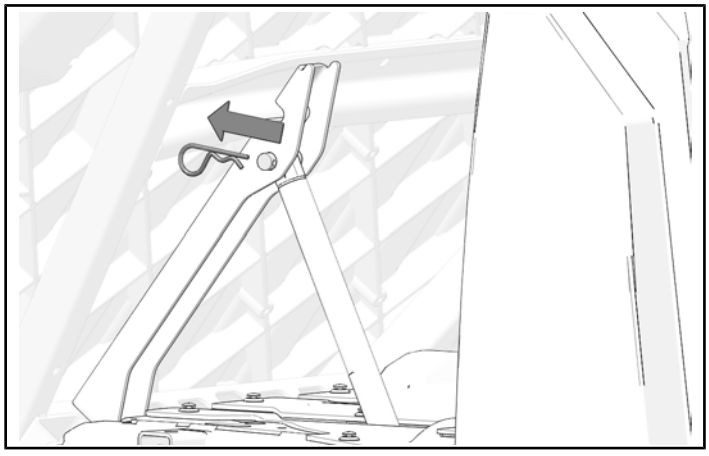
DISCONNECT SHOCK FROM CARGO BOX

NOTICE
Parts of vehicle have been hidden for clarity.

1. Lift cargo box into dump position.

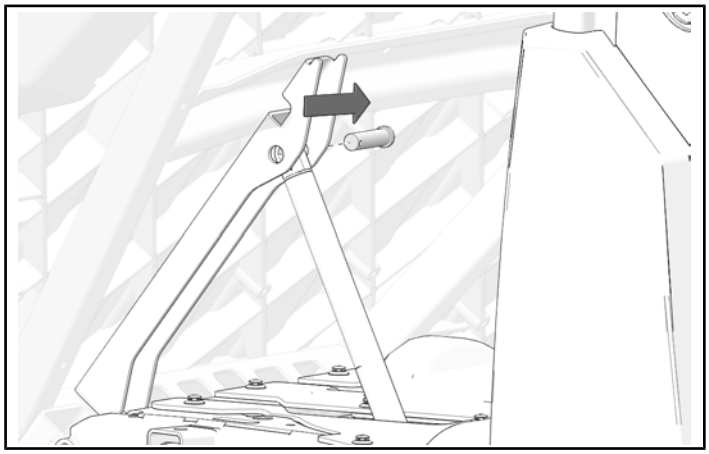


2. Remove and keep hairpin clip from shock attached to cargo box.



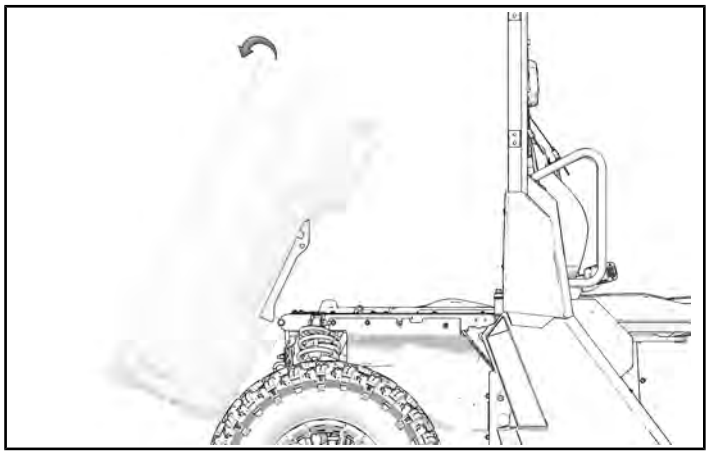
3. Remove and keep clevis pin from shock attached to cargo box.

IMPORTANT
Hold cargo box while removing clevis pin to prevent cargo box from falling.



4. Lift cargo box into highest open position.

NOTICE
Cargo box will stay in the highest open position without the need for additional support.

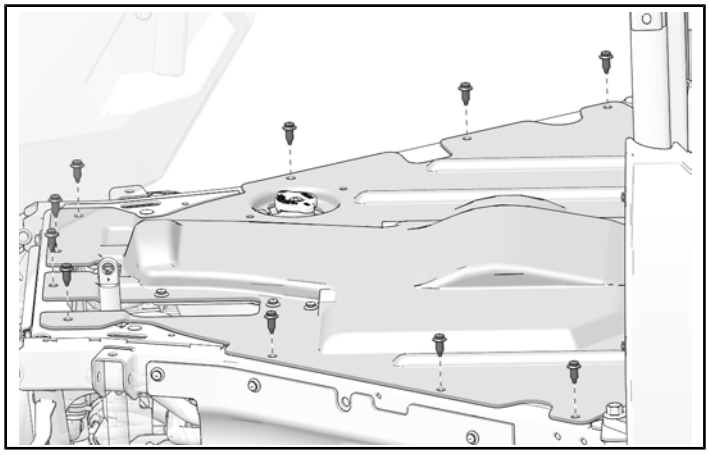


REAR TOP CLOSE-OFF PANEL REMOVAL

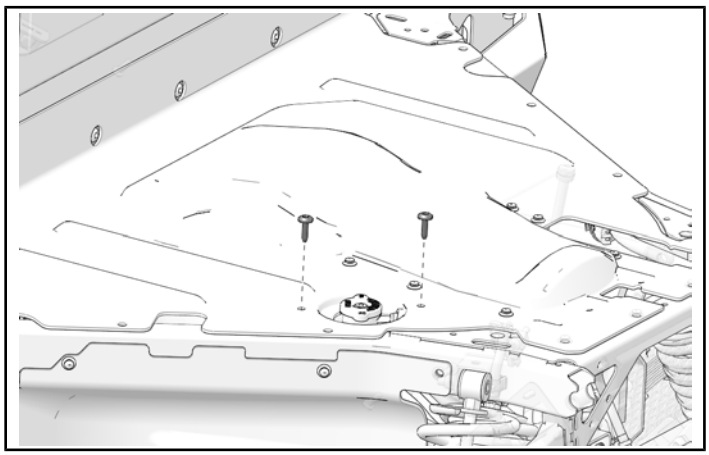
NOTICE
Cargo box hidden for clarity.

1. Remove and keep ten push-pin rivets from rear close-off panel.

IMPORTANT
Do not remove the six push-pin rivets holding the fan to the rear close-off panel

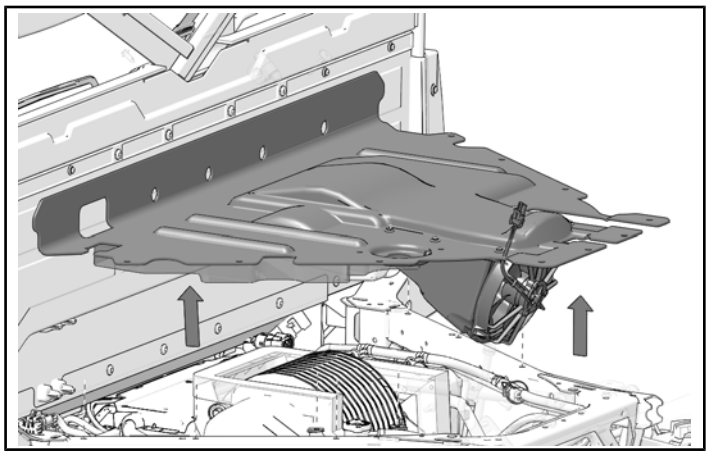


2. Remove and keep two screws from rear close-off panel.



3. Carefully lift up close-off panel and disconnect fan.

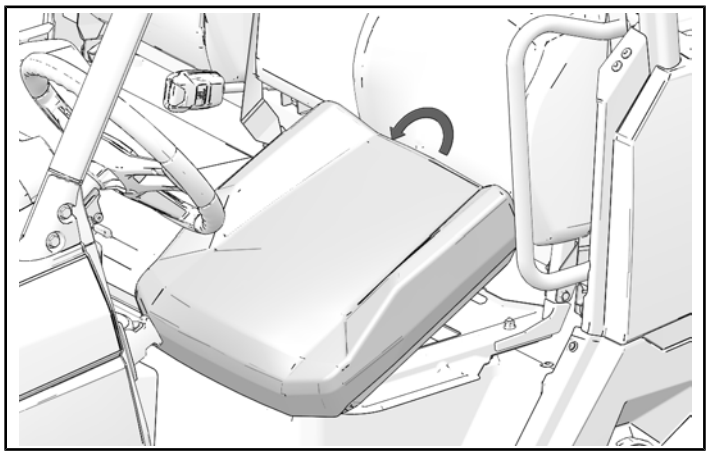
4. Remove rear close-off panel with fan and set aside.



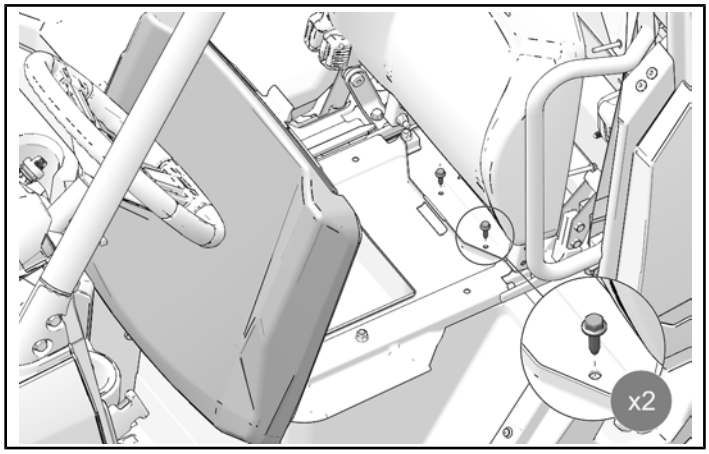
UNDER SEAT STORAGE BIN ACCESS AND SEAT REMOVAL

DRIVER SIDE SEAT

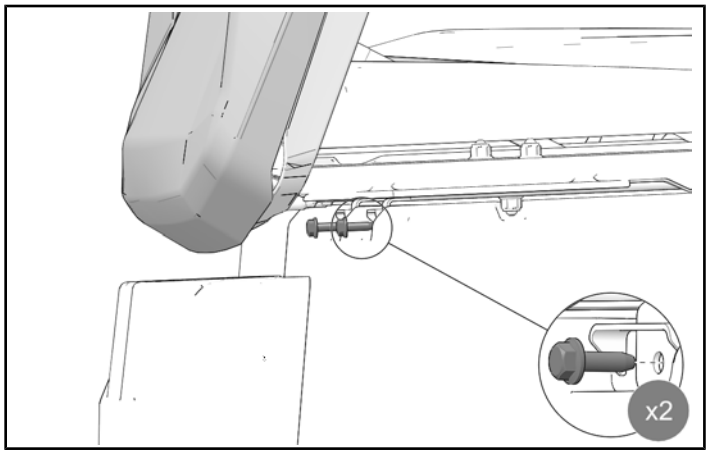
1. Lift seat up



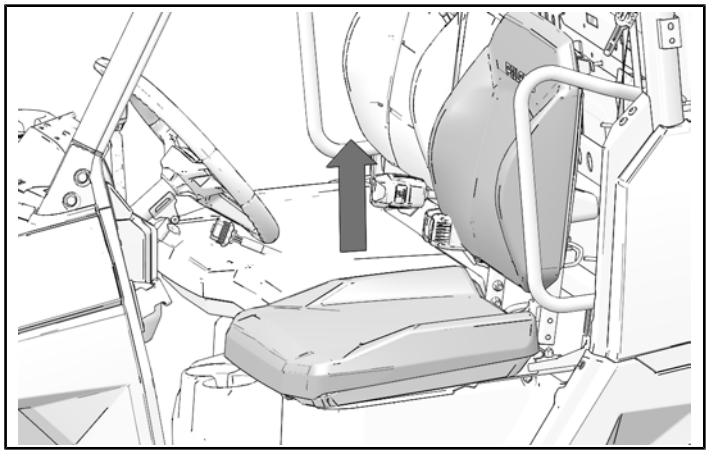
2. Slide seat forward to access under seat screws. Remove and keep two screws.



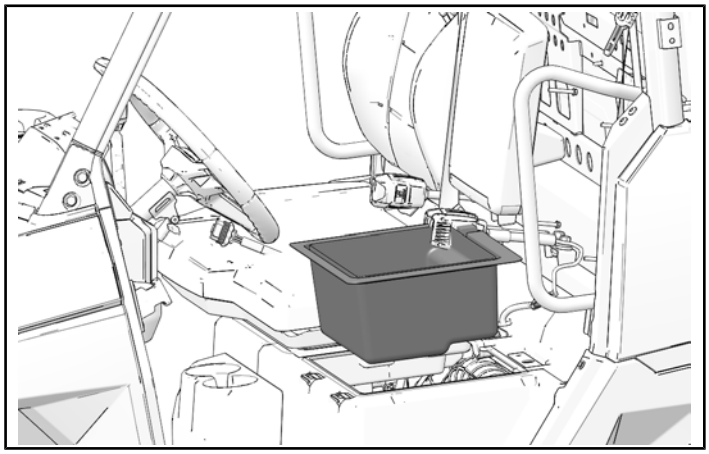
3. In front of the seat, locate two screws. Remove and keep two screws.



4. Lift up seat by the edges to remove.

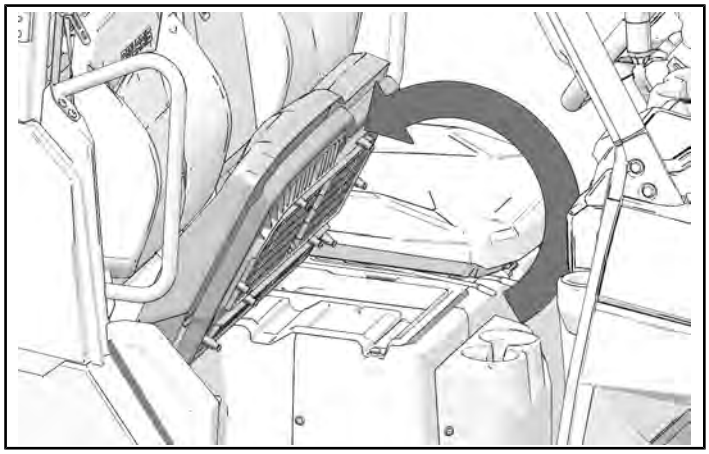


5. If equipped, remove and keep under seat storage bin.

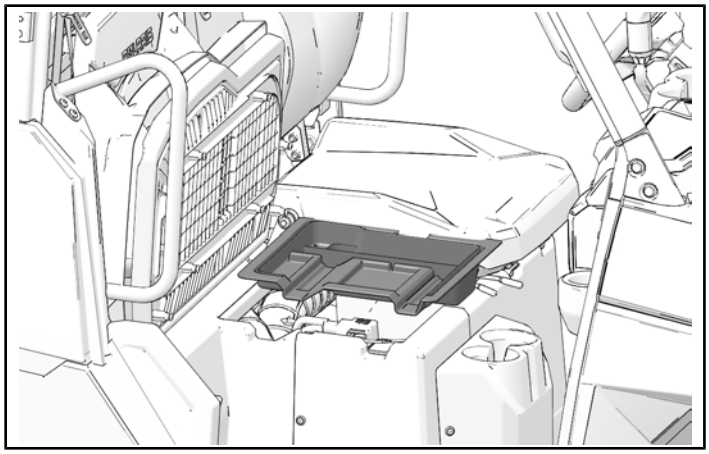


PASSENGER SIDE SEAT

1. Lift front edge of passenger seat and pull up.



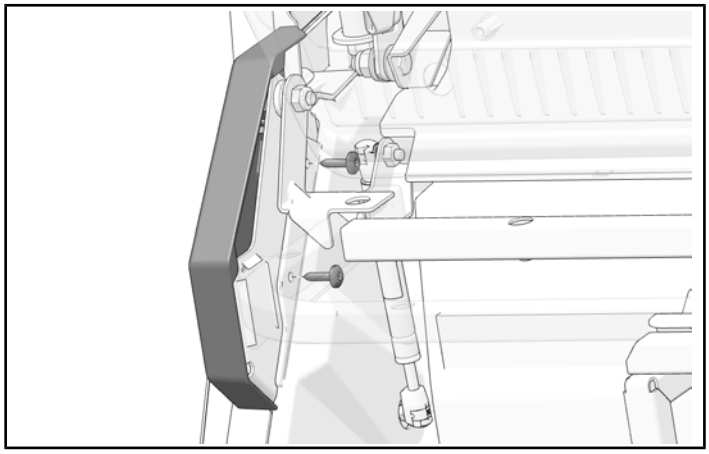
2. Remove and keep under seat storage bin.



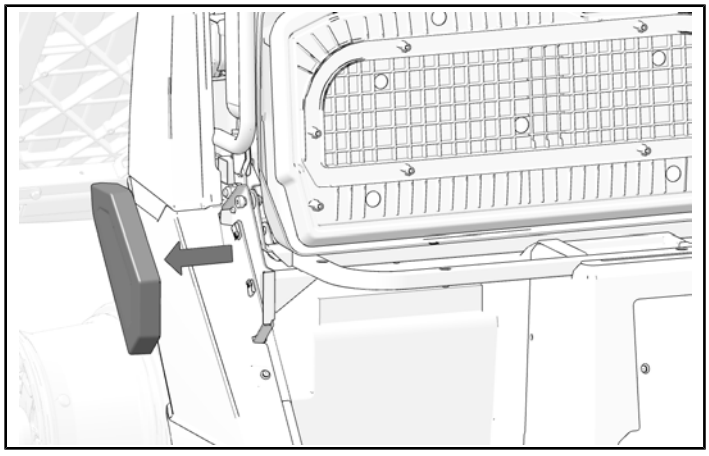
PASSENGER SEAT PIVOT COVER REMOVAL

NOTICE
Parts of vehicle have been hidden for clarity.

1. Remove and keep two screws from seat pivot cover.



2. Remove seat pivot cover and set aside.

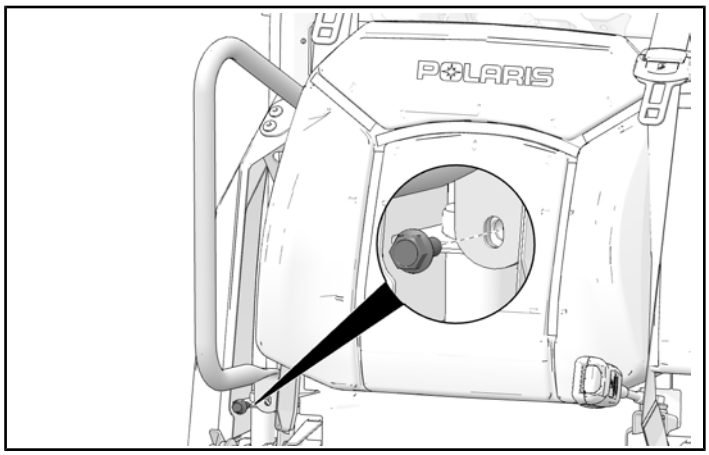


PASSENGER UPPER SIDE PANEL REMOVAL

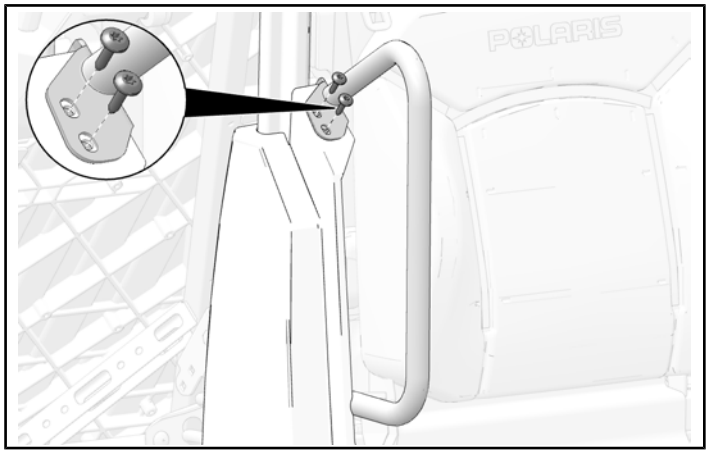
NOTICE
Parts of vehicle have been hidden for clarity.

BOLSTER REMOVAL

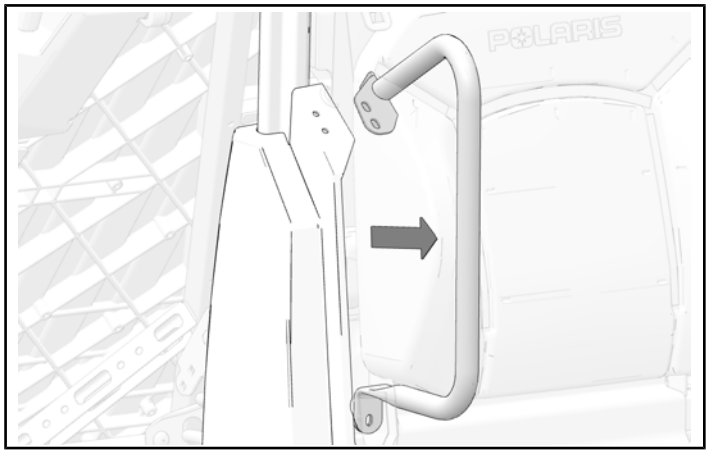
1. Remove and keep lower bolster bolt.



2. Remove and keep two upper bolster screws.

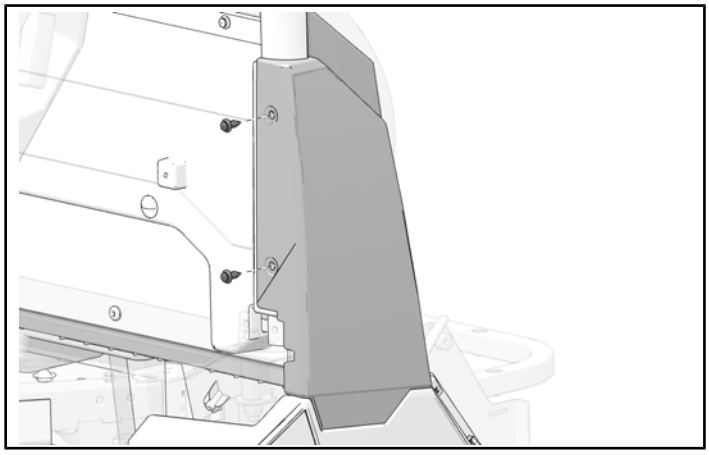


3. Remove bolster and set aside.

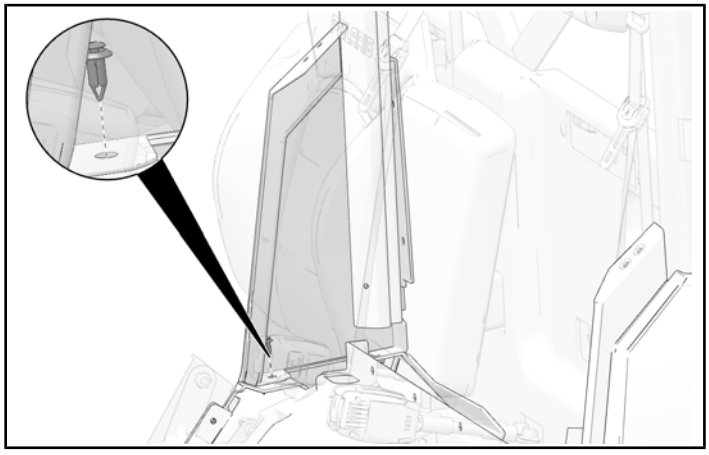


UPPER SIDE PANEL REMOVAL

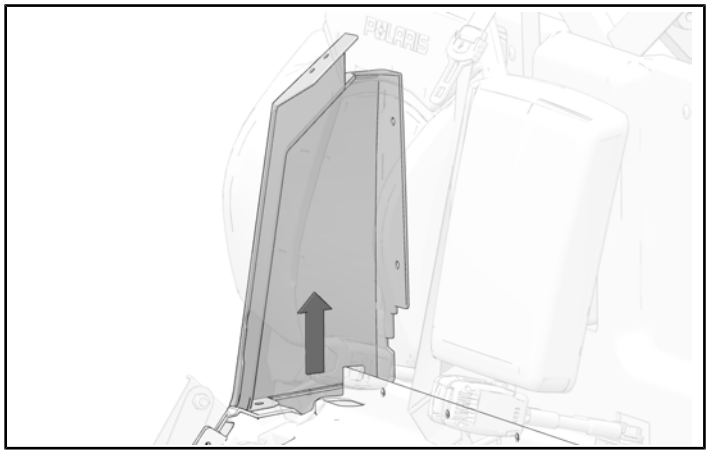
1. Remove and keep two push-pin rivets from upper side panel and rear close-off panel.



2. Remove and keep one push-pin rivet from lower side panel.

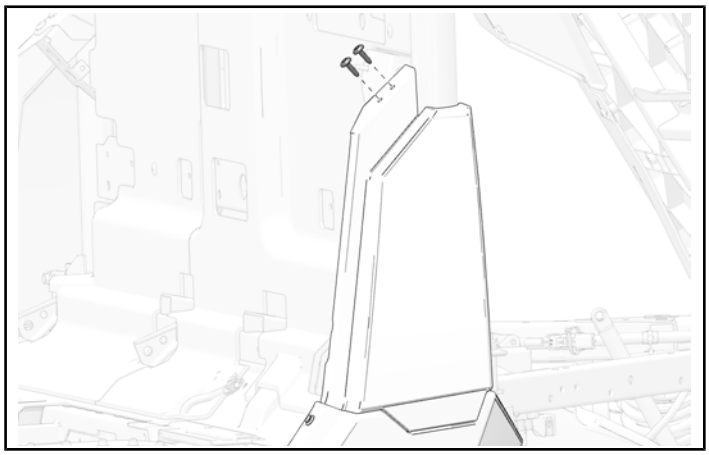


3. Remove upper side panel and set aside.

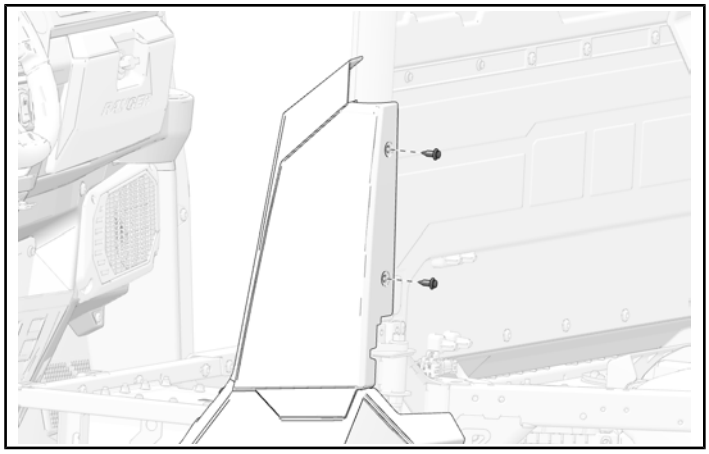


DRIVER SIDE UPPER SIDE PANEL REMOVAL

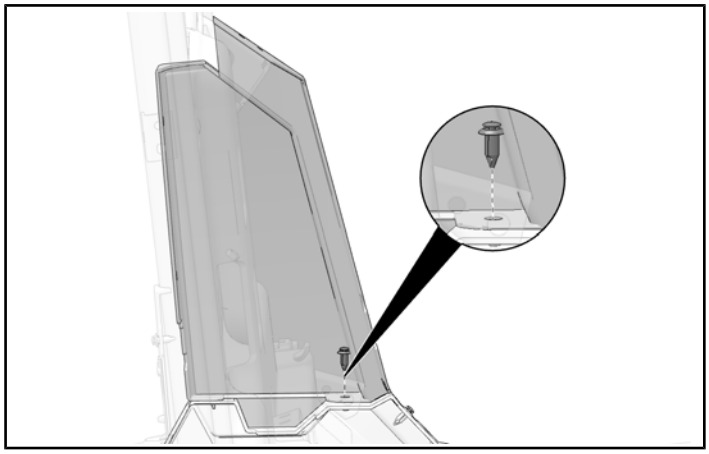
1. Remove and keep two upper side panel screws.



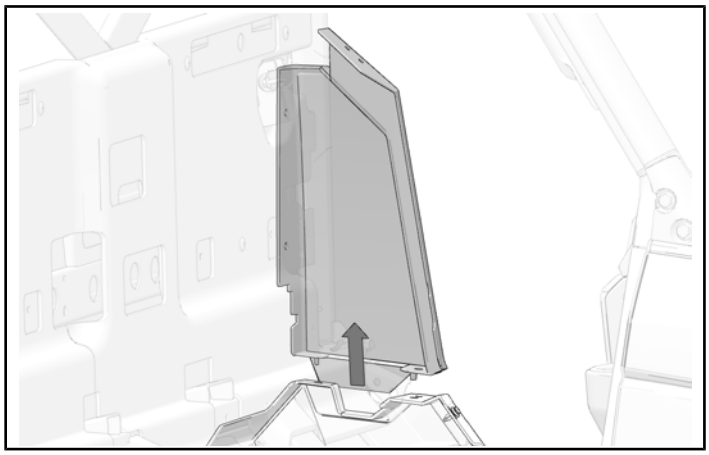
2. Remove and keep two push-pin rivets from upper side panel and rear close-off panel.



3. Remove and keep one upper side panel push-pin rivet.

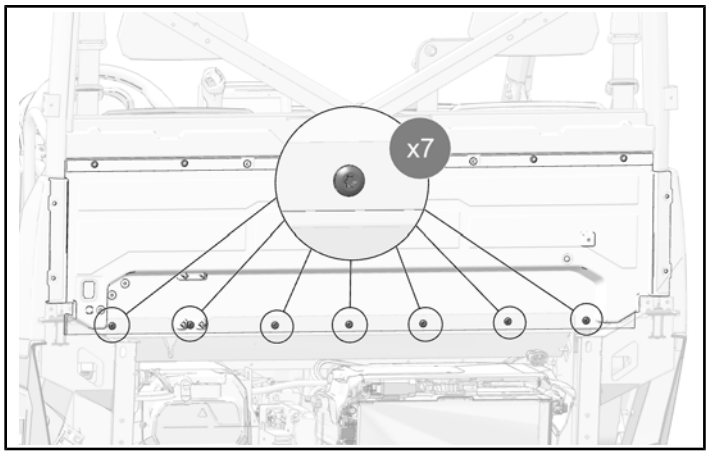


4. Lift upper side panel up and off of vehicle. Set upper side panel aside.

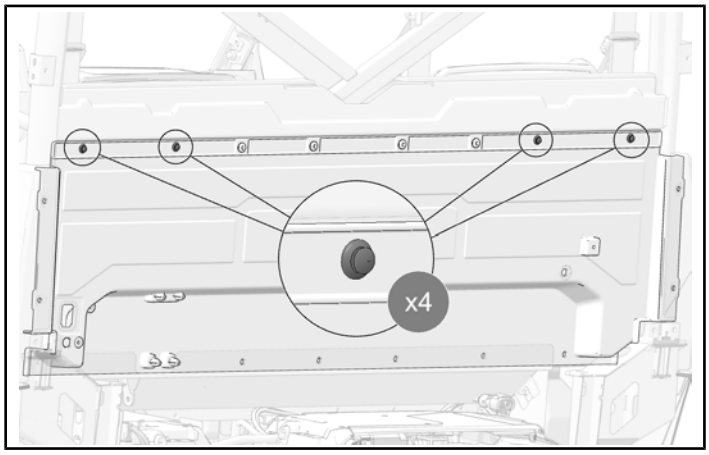


REAR CLOSE-OFF PANEL REMOVAL

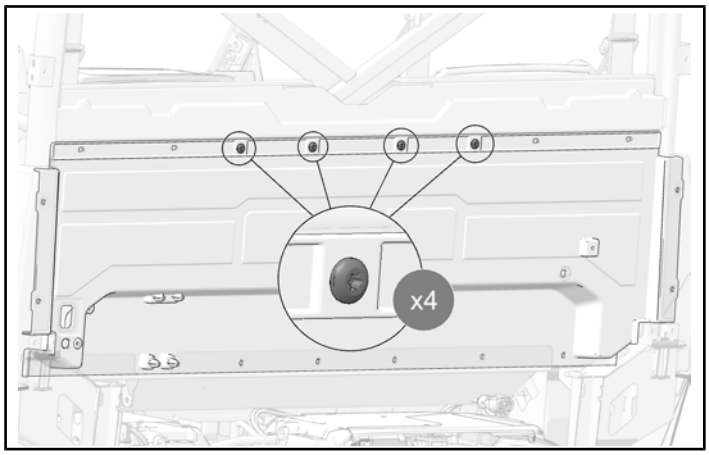
1. Remove and keep seven screws from bottom of rear close-off panel.



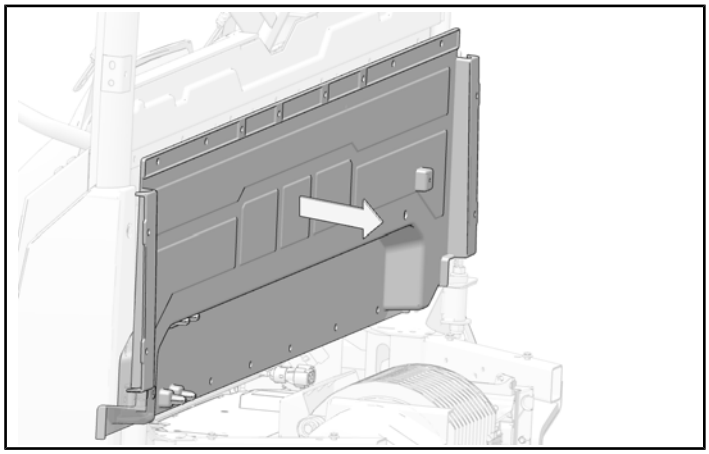
2. Remove and keep four push-pin rivets from top of rear close-off panel.



3. Remove and keep four screws from top of rear close-off panel.



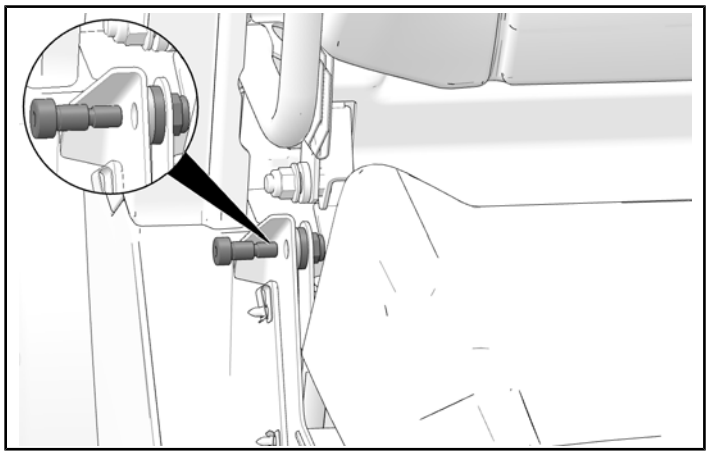
4. Remove rear close-off panel and set aside.



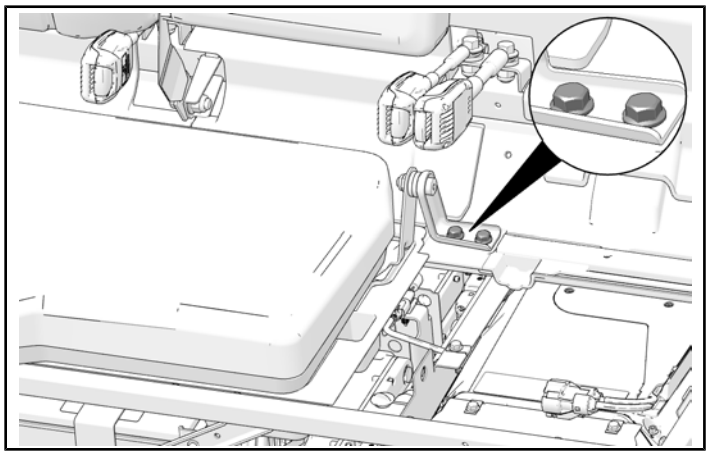
FRONT PASSENGER SEAT REMOVAL

NOTICE
Parts of vehicle have been hidden for clarity.

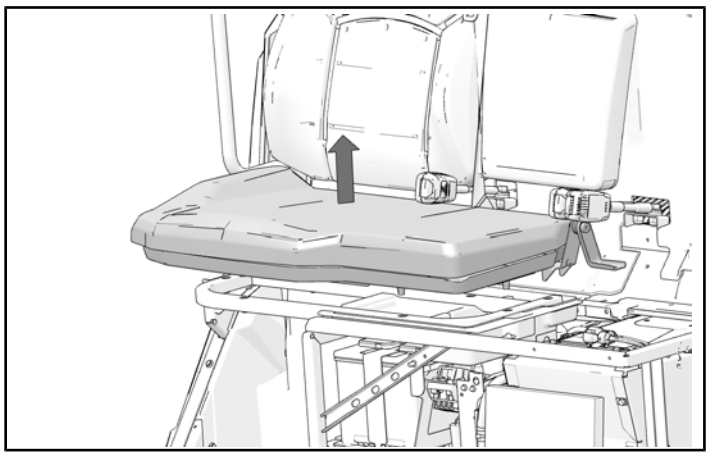
1. Remove and keep one bolt, one nut, and two washers from seat bracket.



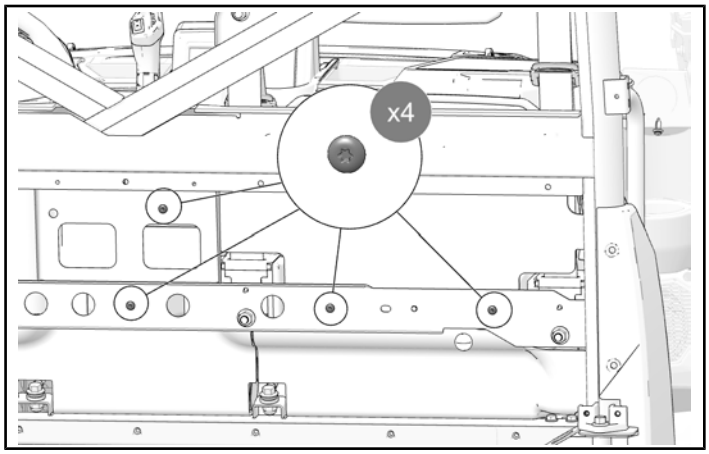
2. Remove and keep two bolts holding passenger seat to seat frame.



3. Remove passenger seat and set aside.

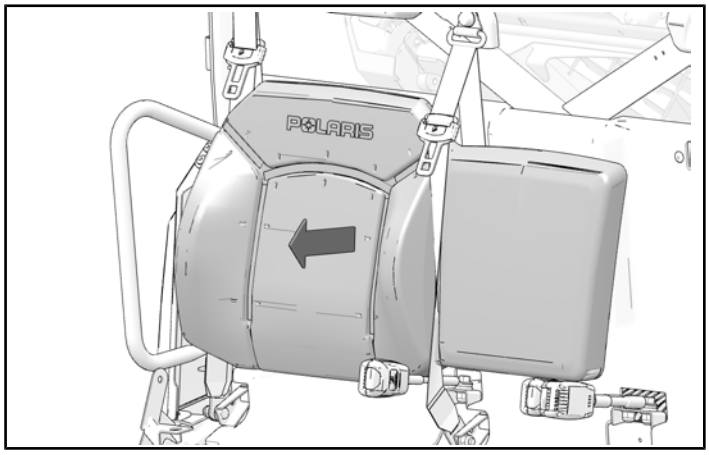


4. Remove and keep four screws holding seat backrest to vehicle frame.



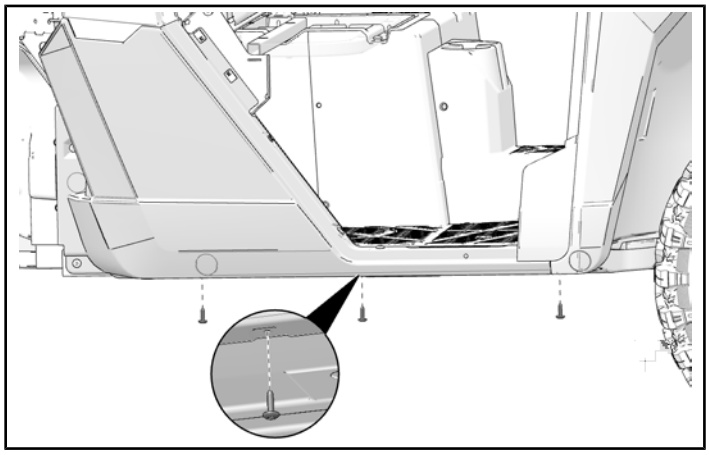
5. Remove seat backrest and set aside.

NOTICE
Move seatbelt around backrest to remove backrest from vehicle.

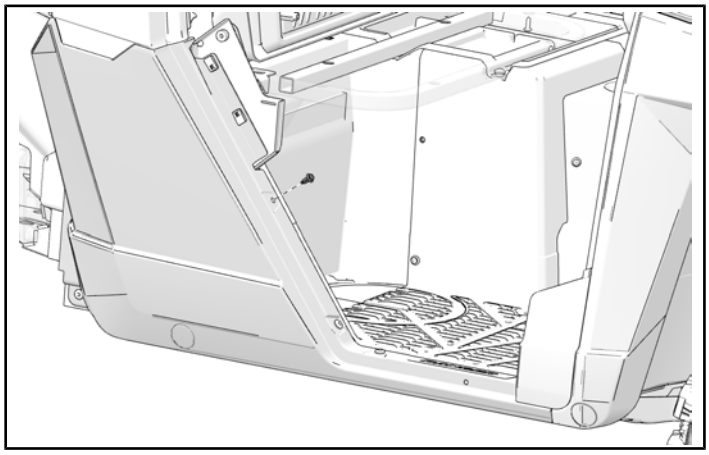


PASSENGER SIDE ROCKER PANEL REMOVAL

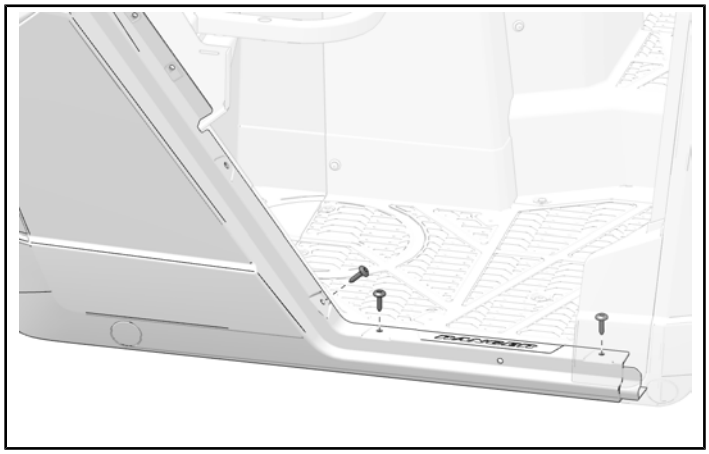
1. Remove and keep three screws from bottom edge of rocker panel.



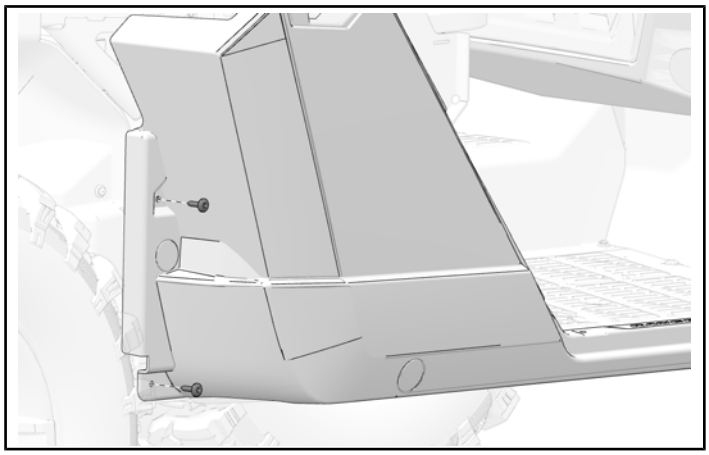
2. Remove and keep one push-pin rivet from door edge of the rocker panel.



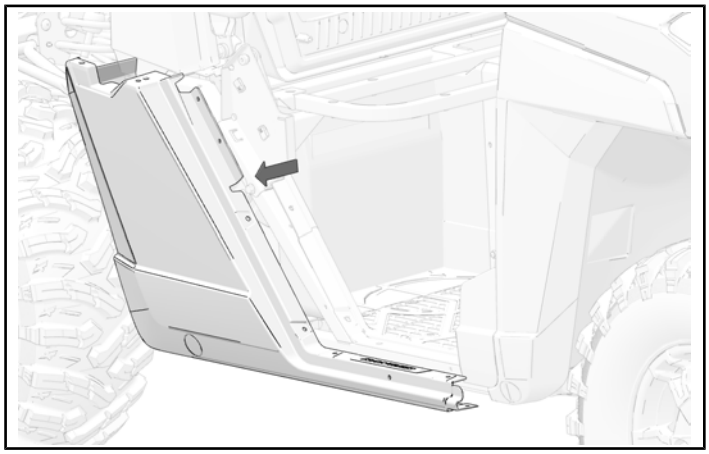
3. Remove and keep three screws from the door edge of the rocker panel.



4. Remove and keep two screws from the rear edge of the rocker panel.

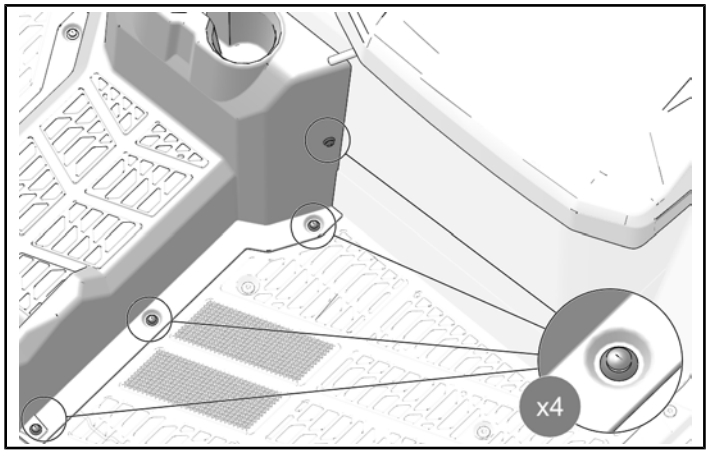


5. Remove rocker panel and set aside.

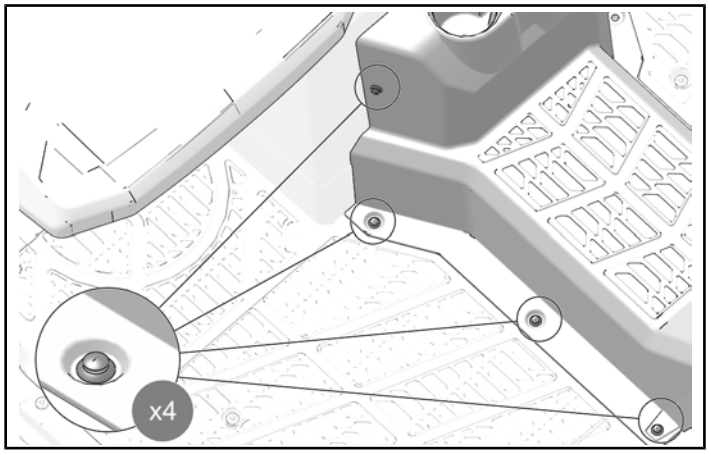


TUNNEL COVER REMOVAL

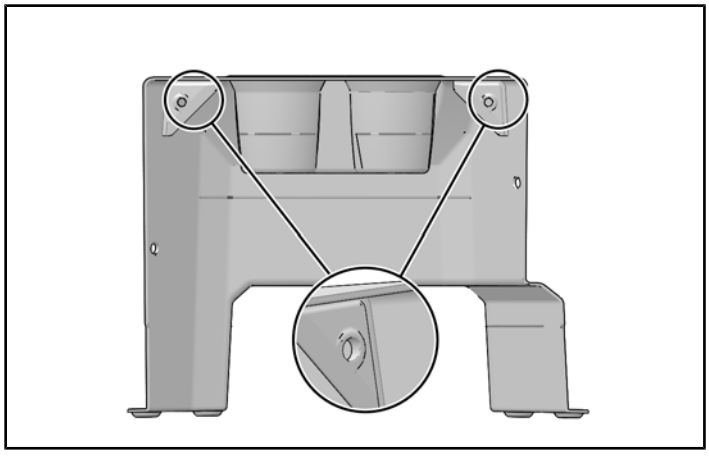
1. Remove and keep four push-pin rivets from tunnel cover.



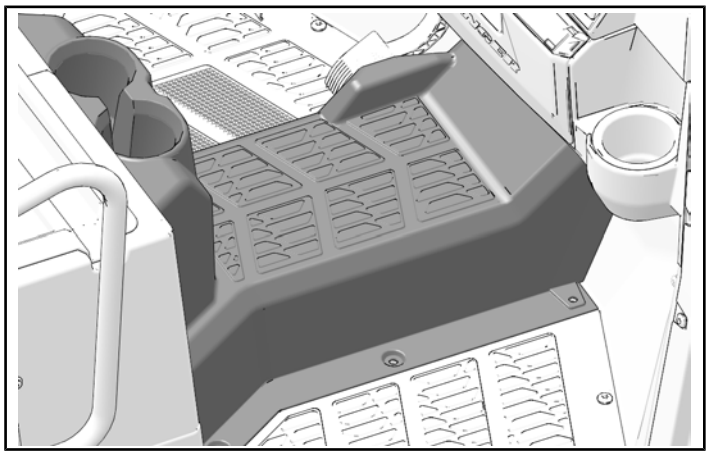
2. Remove and keep four push-pin rivets from tunnel cover.



3. Remove and keep two push darts located under the seat toward rear of vehicle.

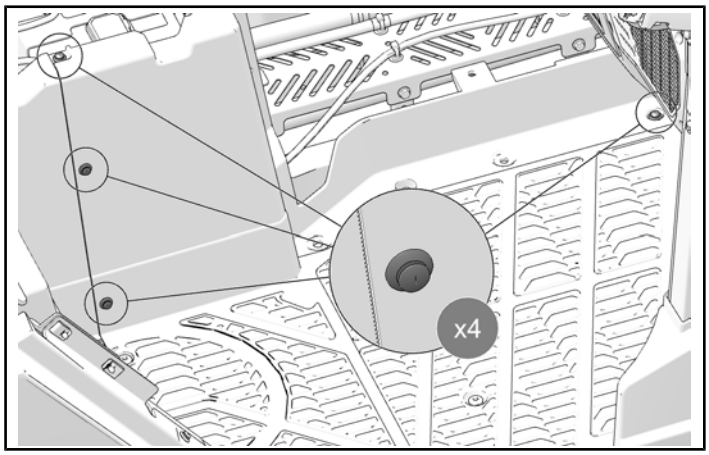


4. Remove tunnel cover from vehicle.

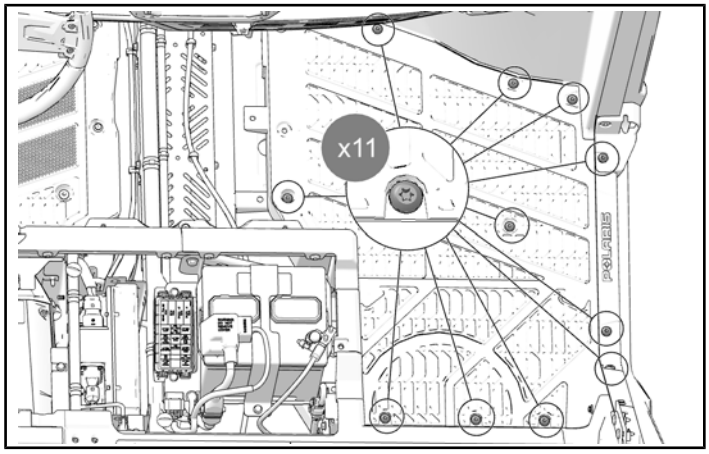


FRONT PASSENGER FLOOR REMOVAL

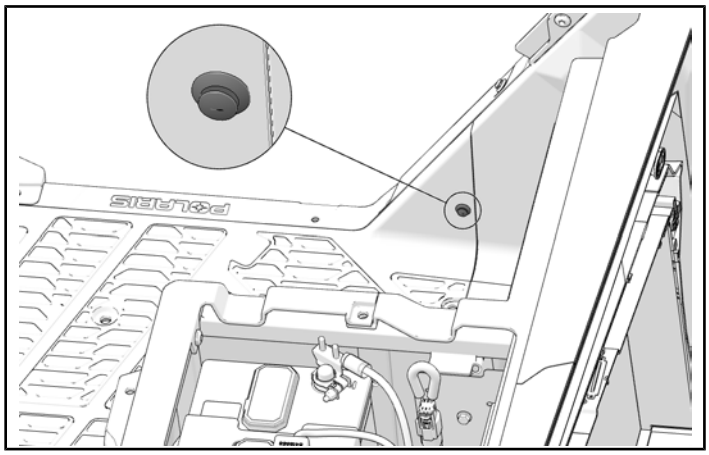
1. Remove and keep four push-pin rivets from floor panel.



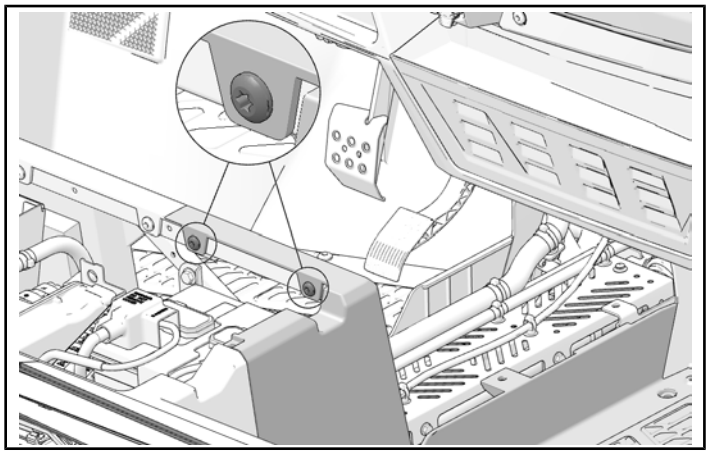
2. Remove and keep eleven screws from floor panel.



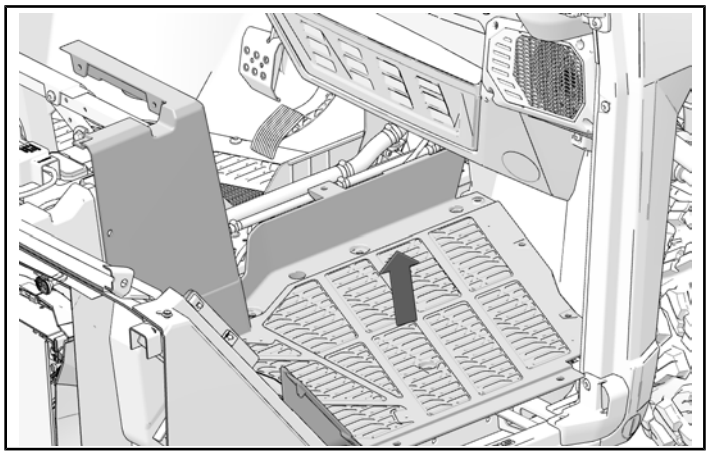
3. Remove and keep one push-pin rivet from side of floor panel.



4. Remove and keep two screws from backside of floor panel.

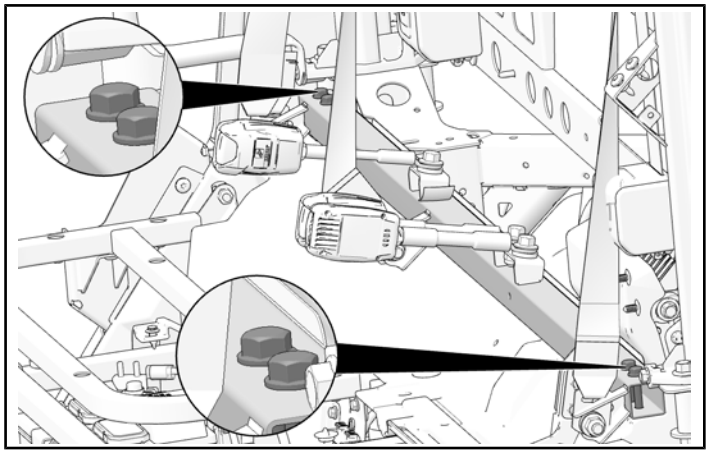


5. Remove floor panel and set aside.



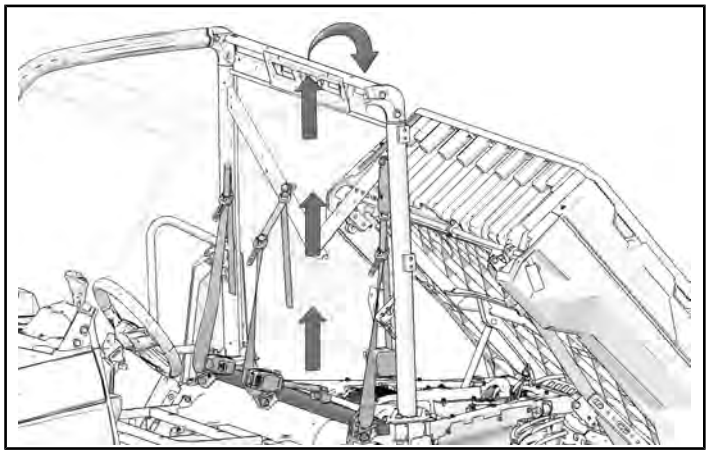
SEATBELT CROSSBAR REMOVAL

1. Remove and keep two bolts from each end of seatbelt crossbar.



2. Move crossbar with seatbelts attached up over upper ROPS.

NOTICE
Seatbelts do not need to be removed from crossbar, the entire assembly will hang over upper ROPS.

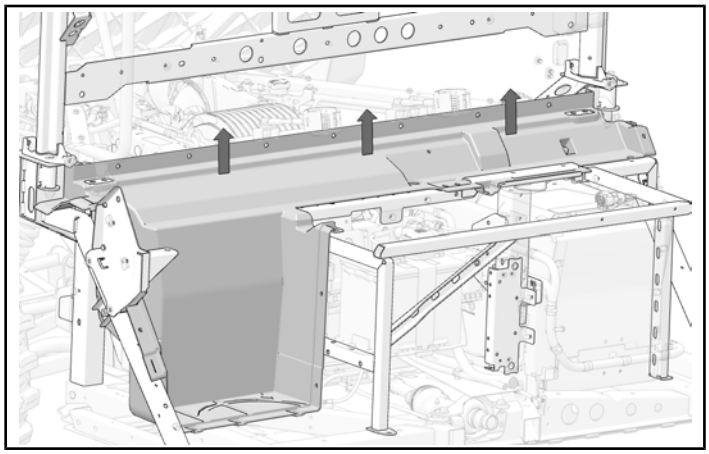


LOWER CLOSE-OFF PANEL REMOVAL

NOTICE
Parts of vehicle have been hidden for clarity.

1. Make sure all fasteners have been removed. If not, remove and keep fasteners.

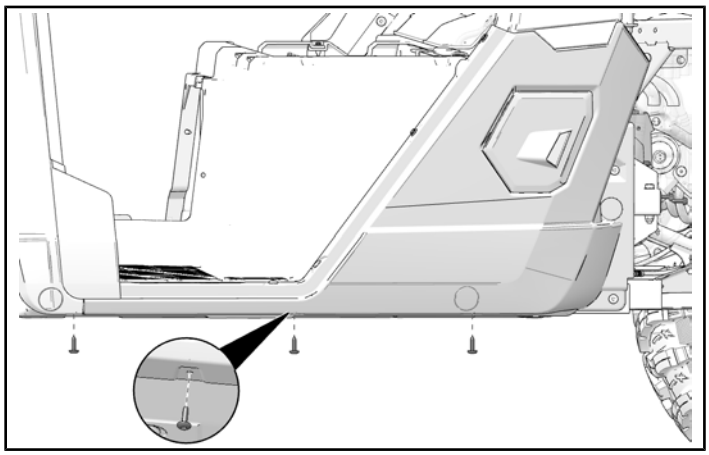
2. Lift lower close-off panel out of vehicle and set aside.



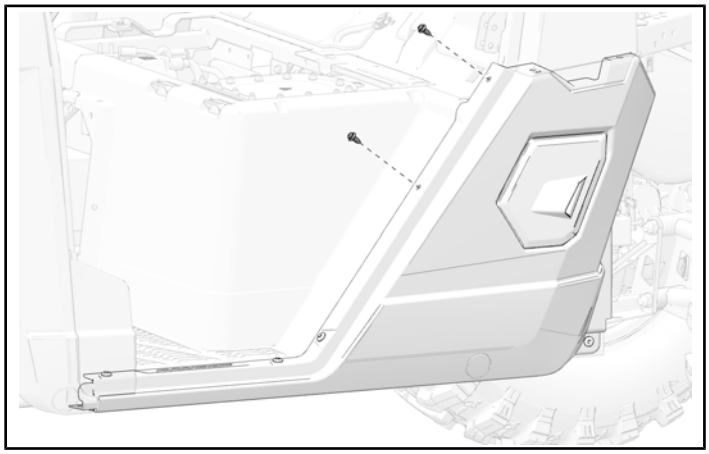
DUAL BATTERY MODELS ONLY

DRIVER SIDE ROCKER PANEL REMOVAL

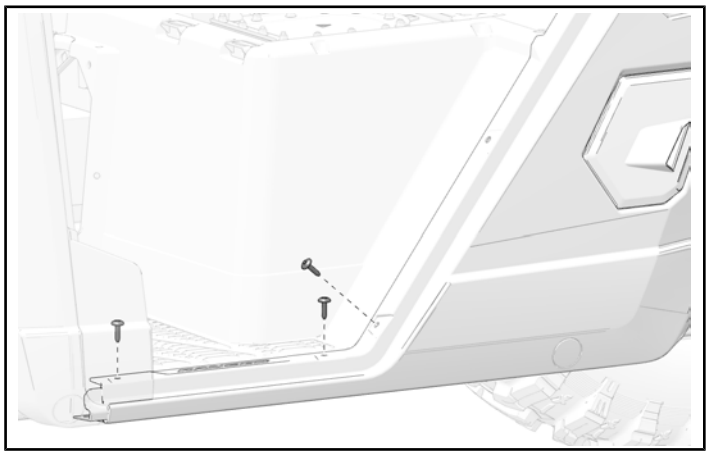
1. Remove and keep three screws from bottom edge of rocker panel.



2. Remove and keep two push-pin rivets from door edge of the rocker panel.

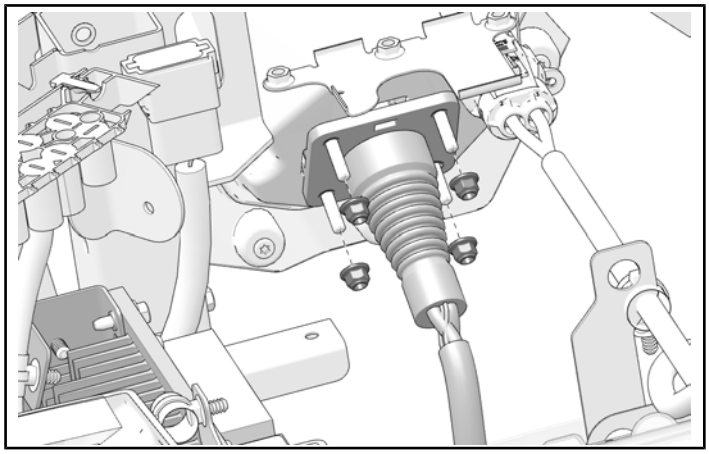


3. Remove and keep three screws from the door edge of the rocker panel.



4. Remove and keep two screws from the rear edge of the rocker panel.

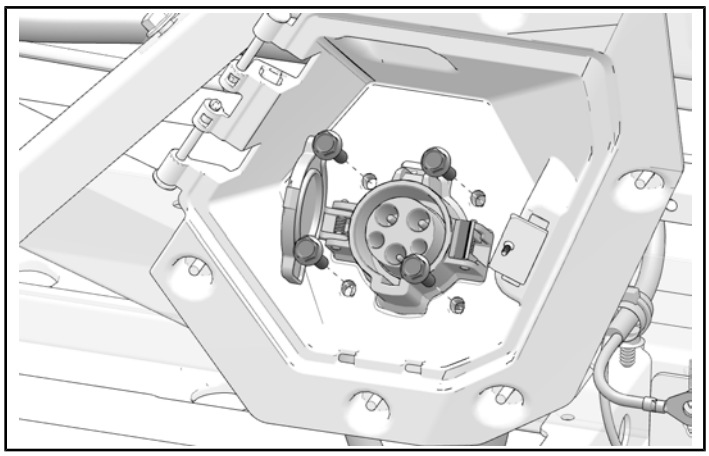
5. Pull side panel away from vehicle to access nuts. Remove and keep four nuts from charge port assembly.



6. Open charge port cover. Remove and keep four screws from the charge port assembly.

IMPORTANT

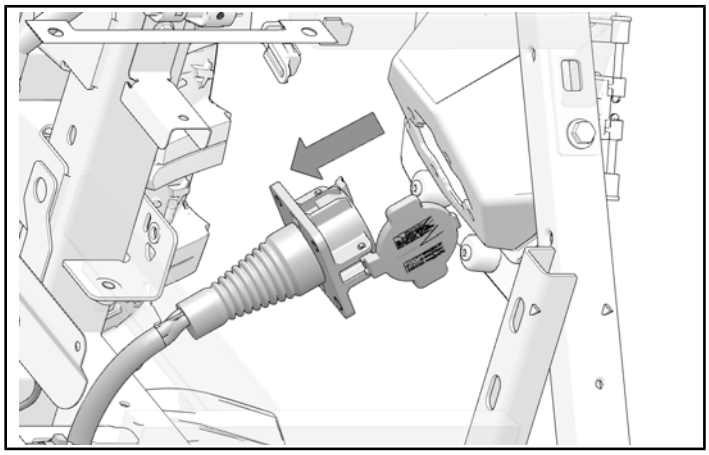
Make sure charge port assembly cap is closed before removing from charge port housing.



7. Remove charge port assembly and set off to the side. Charge port assembly will still be connected to the vehicle.

IMPORTANT

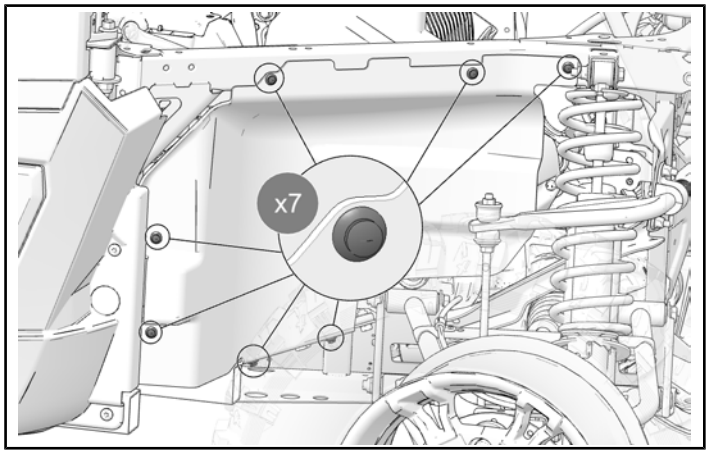
Make sure charge port assembly cap is closed before removing from charge port housing.



8. Remove rocker panel with charge port housing and set aside.

REAR FENDER REMOVAL

1. Remove and keep seven push-pin rivets from rear driver side fender.



2. Remove fender and set aside.

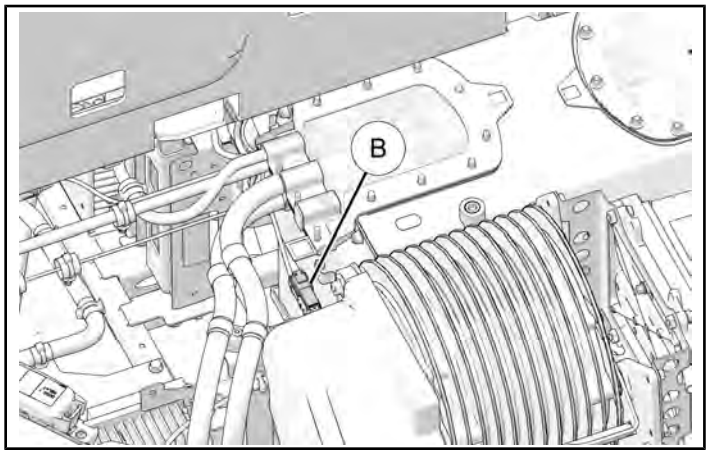
DUAL AND SINGLE BATTERY MODELS

LEVEL 2 VEHICLE DISABLEMENT

IMPORTANT

Level 2 disablement procedure should be performed any time the vehicle undergoes electric powertrain service items such as powertrain component replacement, and accessories that involve the powertrain.

1. Disconnect the two-pin DC/DC connector Ⓑ located under the passenger seat base, behind the service disconnect.



2. Connect high voltage test harness to the DC/DC connector on the vehicle.
3. Turn key switch to the ON position. Check voltage measurement reading on the multimeter, it should be greater than 84 V.

MEASUREMENT

DC/DC Connector Voltage:
> 84 V

NOTICE

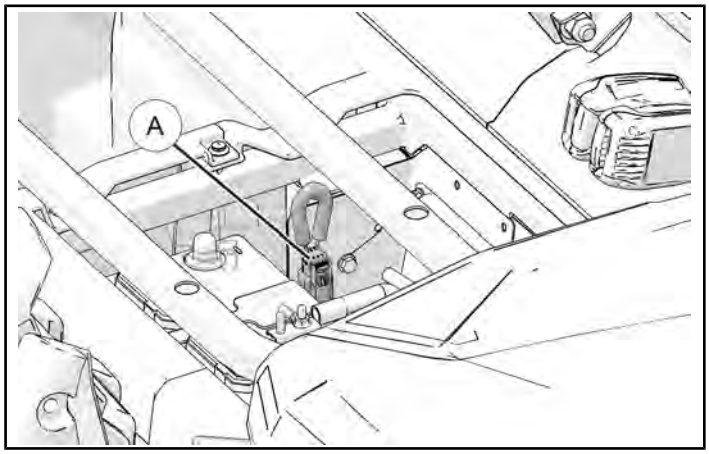
The battery contactor will make an audible “click” sound when the key is turned ON. This is the contactor closing/activating.

4. Turn the key switch to the OFF position and remove key from the vehicle. Multimeter voltage reading should decline to less than 10 V.

NOTICE

The battery contactor will make another audible “click” sound when the key is turned OFF. This is the contactor opening/deactivating.

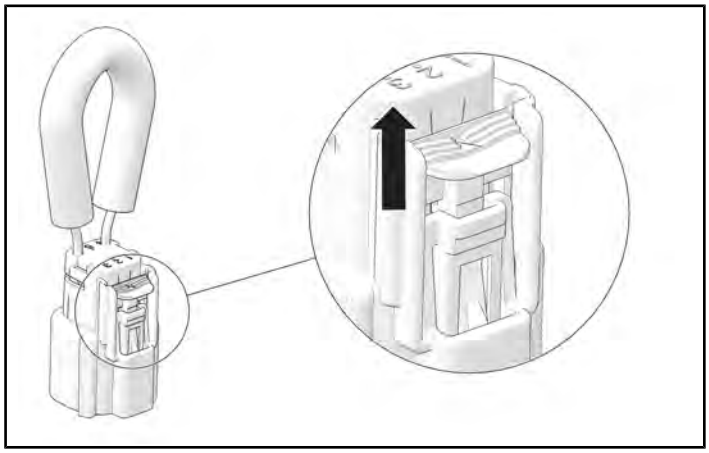
5. Remove service disconnect Ⓐ located behind the 12 V battery.



6. Slide the lock tab up, pinch the secondary lock, and then pull the plastic housing from the harness.

IMPORTANT

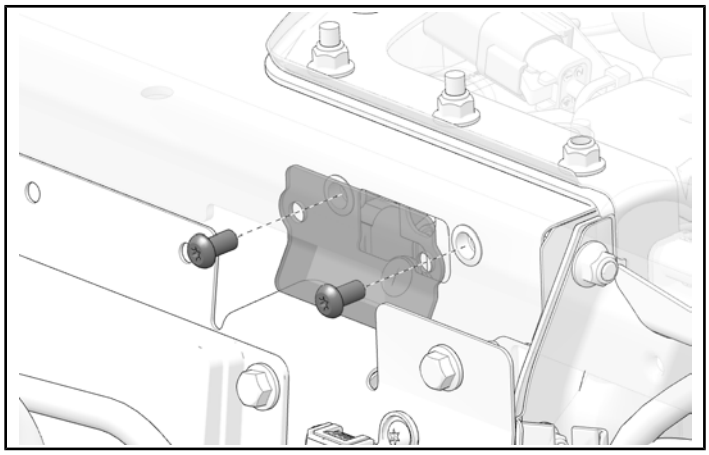
Do not pull the wire loop on top of the service disconnect. Always pull to remove by grabbing the plastic housing.



7. Remove fuse cover from **each** battery. Remove and keep two screws and fuse cover from battery enclosure.

NOTICE

If vehicle is equipped with two batteries, the fuse cover will need to be removed from both batteries.



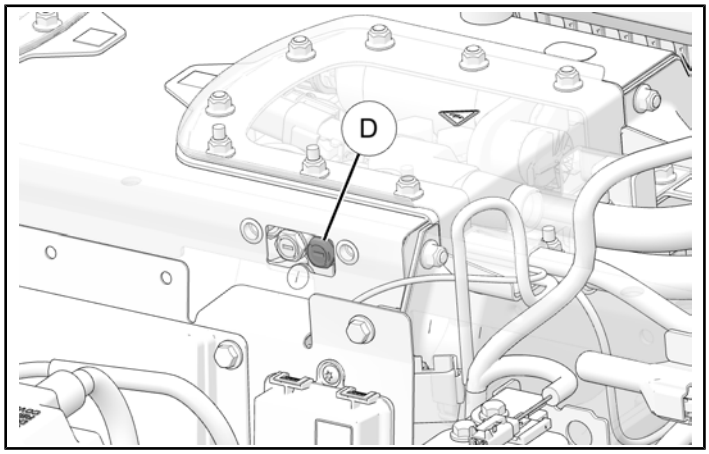
8. Use insulated slotted screwdriver and turn fuse to remove the contactor fuse Ⓓ from **each** battery.

⚠ CAUTION

Always wear high-voltage approved gloves when working on batteries. Failure to wear High Voltage Personal Protective Equipment (HV PPE) when working on batteries could result in minor to moderate injury.

NOTICE

If vehicle is equipped with two batteries, the contactor fuses will need to be removed from both batteries.



9. Make sure the multimeter voltage reading is 10 V or less.

MEASUREMENT
DC/DC Connector Voltage: **< 10 V**

⚠ WARNING

If the voltage meter does not drop to 10 volts or less, stop service on the vehicle and open an Ask Polaris case to receive further direction. Failure to stop service could result in death or serious injury.

IMPORTANT

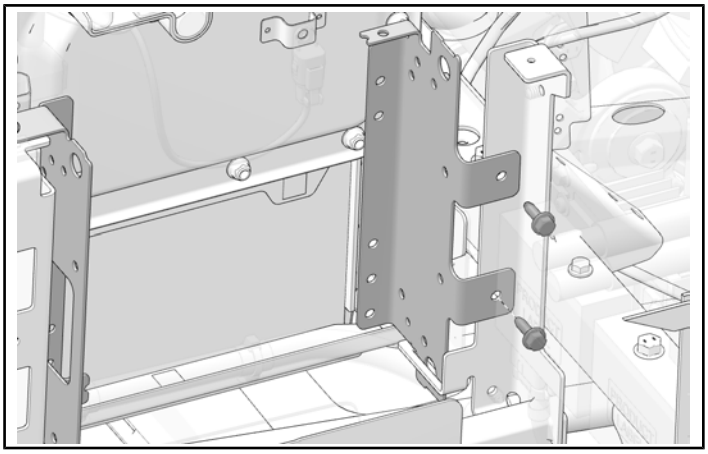
It is safe to work on the high-voltage bus after completing the level 2 disablement procedure. Gloves are not required unless internal battery components are exposed.

Make sure the vehicle is secured against accidental or unintentional engagement by keeping the keys and service disconnect in a safe place. Preferably locked away or in your pocket, while working on the high-voltage system.

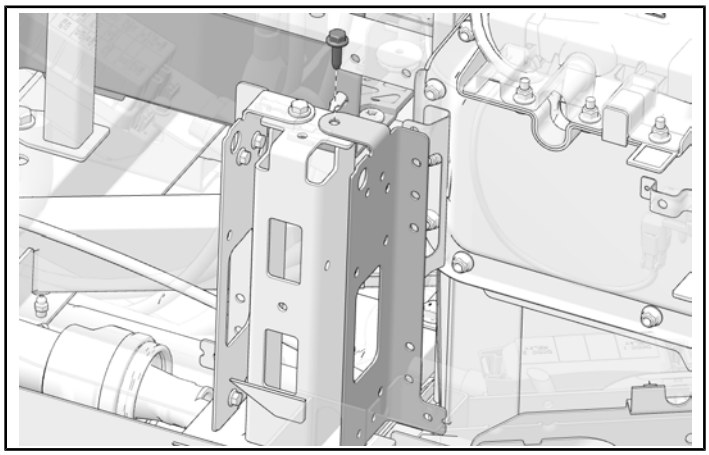
SINGLE BATTERY MODELS ONLY

CHARGER MOUNT BRACKETS REMOVAL

1. Remove and keep rear charger mount bracket and two screws from in front of vehicle battery.



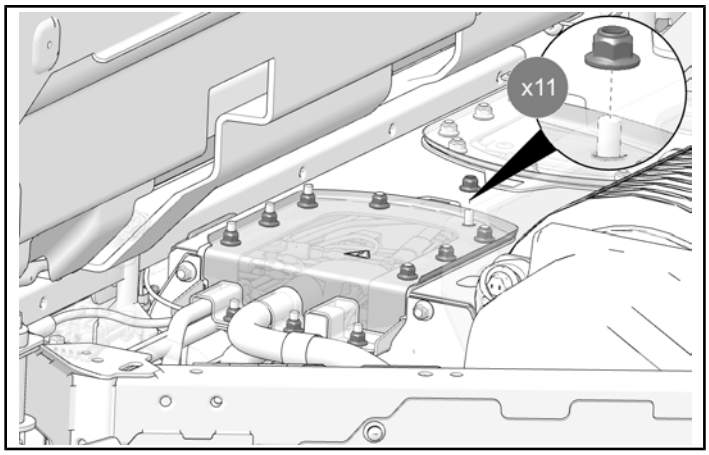
2. Remove and keep front charger mount bracket and one screw from in front of vehicle battery.



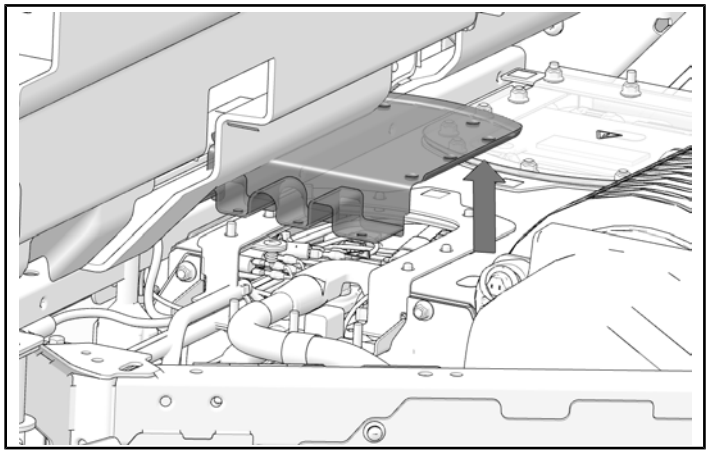
PASSENGER SIDE BATTERY ENCLOSURE PANEL REMOVAL

TOP PANEL REMOVAL

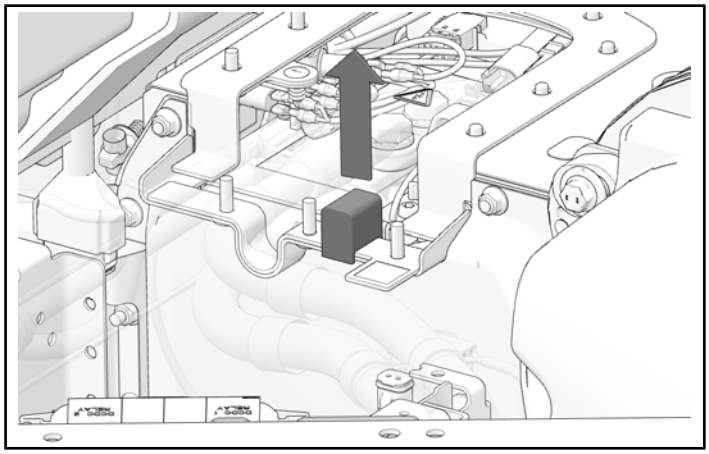
1. Remove and keep eleven nuts from top panel of battery enclosure.



2. Remove and keep top panel from battery enclosure.

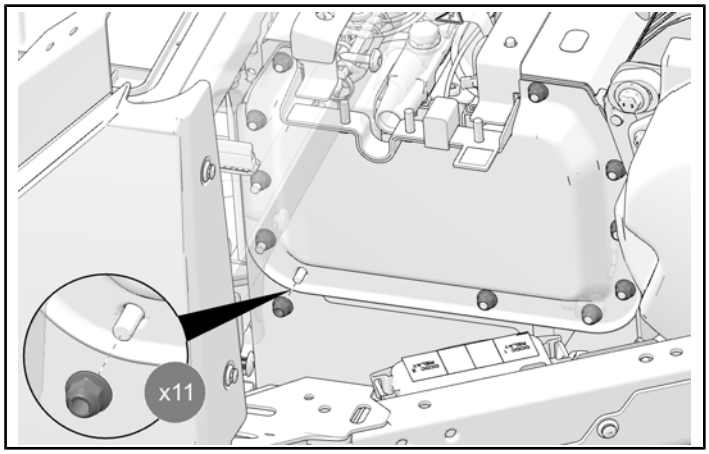


3. Remove and keep battery plug.

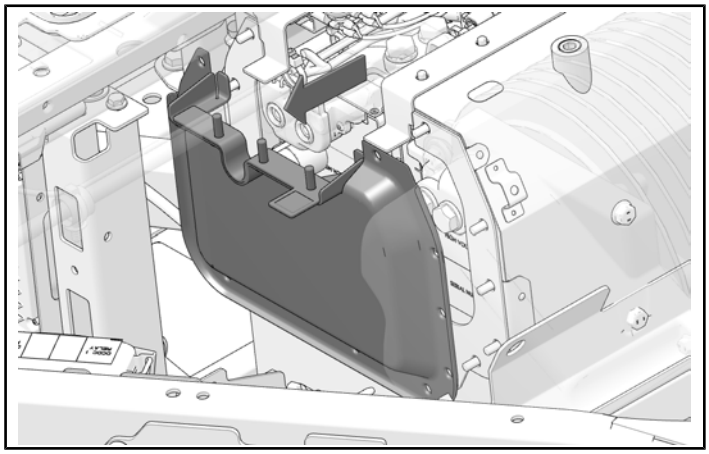


SIDE PANEL REMOVAL

1. Remove and keep eleven nuts from side panel of battery enclosure.



2. Remove and keep side panel from battery enclosure.



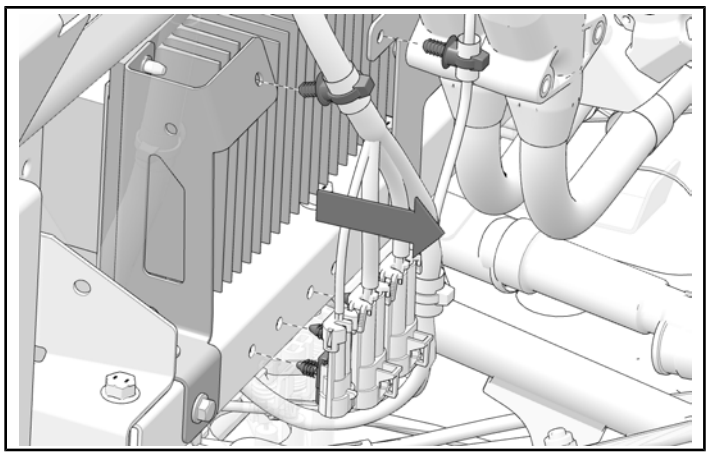
DUAL BATTERY MODELS ONLY

CONVERTER REMOVAL

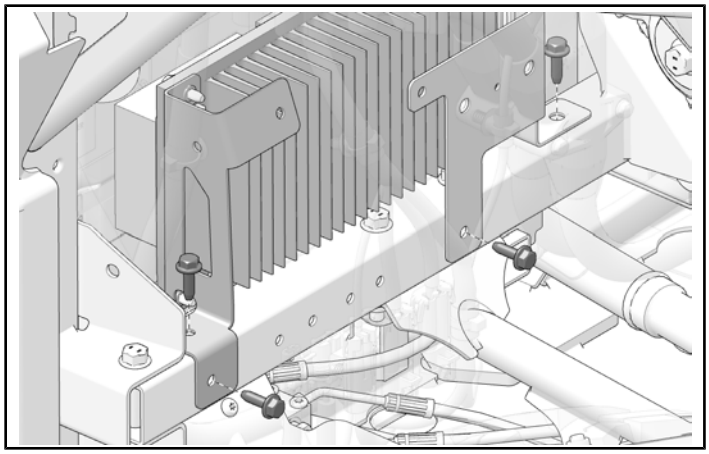
IMPORTANT
For Dual Battery Vehicles: The busbar kit will only be installed on the driver side battery.

1. Remove five push-pin darts from the chassis bar and the converter and heat sink brackets, as shown.

NOTICE
Push-pin darts will stay attached to the converter harness.



2. Move converter harness away from the converter and heat sink.
3. Remove and keep four bolts from converter and heat sink brackets.



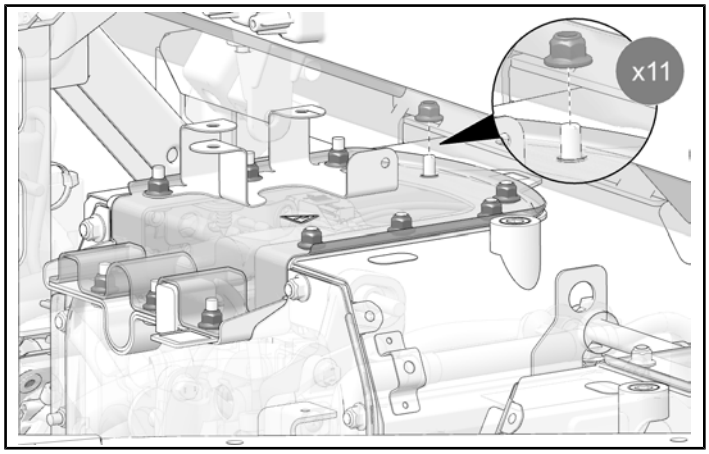
4. Move converter and heat sink away from the front battery enclosure panel.

DRIVER SIDE BATTERY ENCLOSURE PANEL REMOVAL

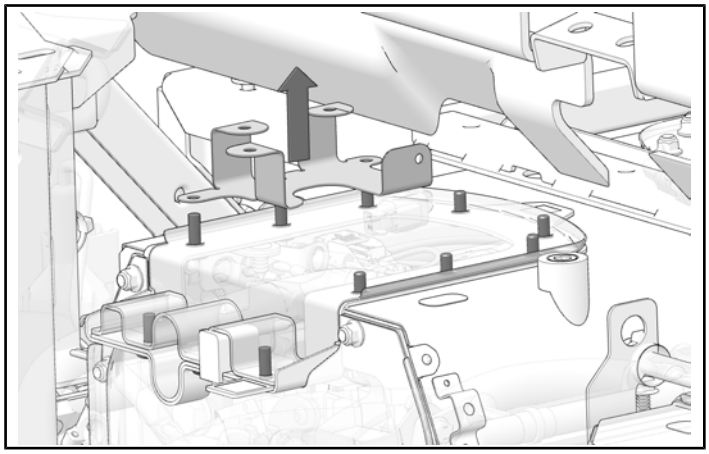
NOTICE
Parts of vehicle have been hidden for clarity.

TOP PANEL REMOVAL

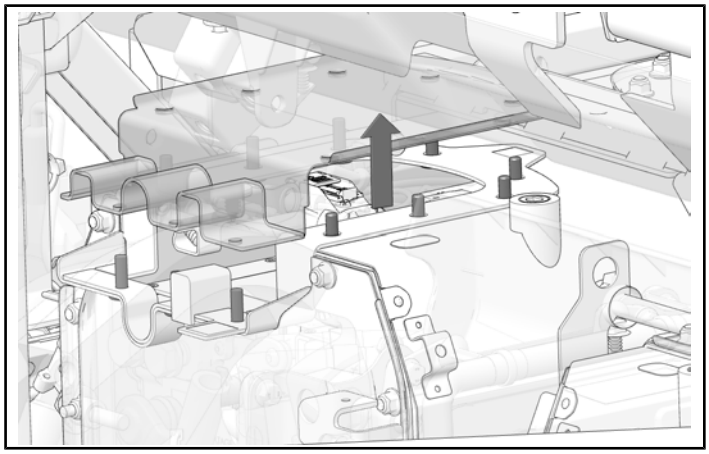
1. Remove and keep eleven nuts from top panel of battery enclosure.



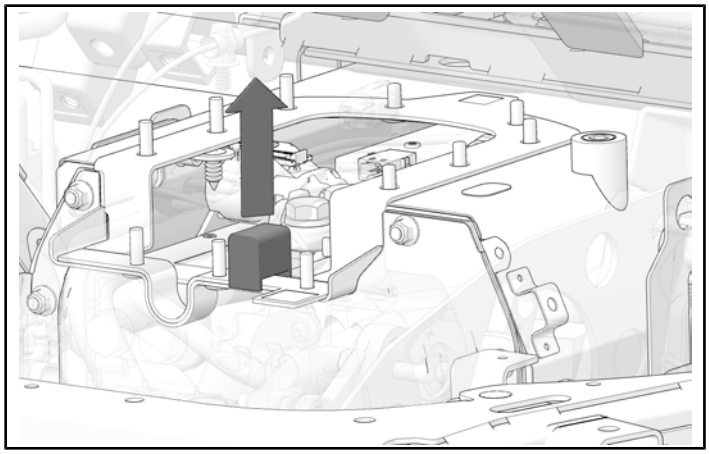
2. Remove and keep bracket from top panel of battery enclosure.



3. Remove and keep top panel from battery enclosure.

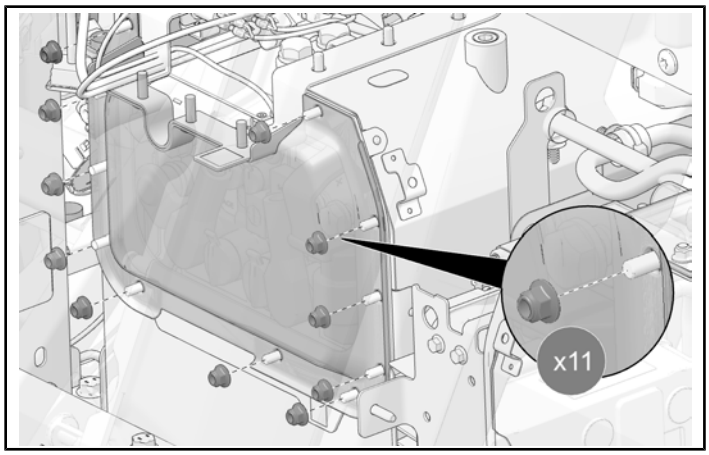


4. Remove and keep battery plug.

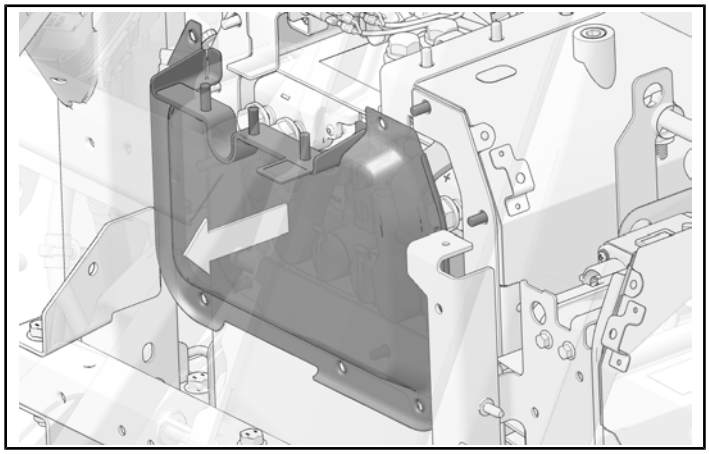


SIDE PANEL REMOVAL

1. Remove and keep eleven nuts from side panel of battery enclosure.



2. Remove and keep side panel from battery enclosure.



ACCESSORY INSTALLATION

⚠ CAUTION

Always wear high-voltage approved gloves when working on batteries. Failure to wear High Voltage Personal Protective Equipment (HV PPE) when working on batteries could result in minor to moderate injury.

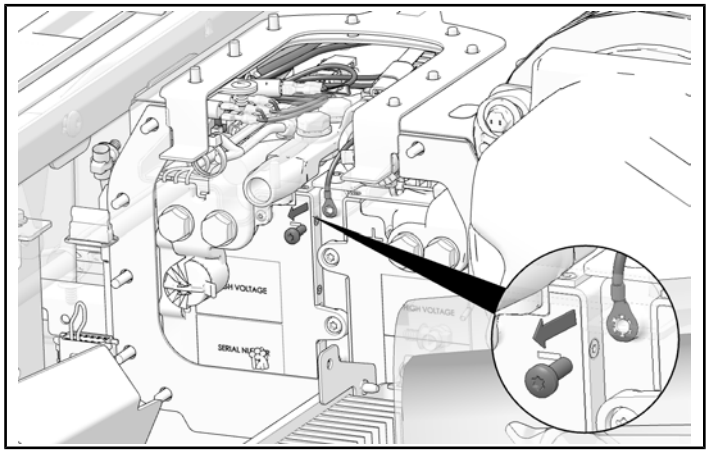
IMPORTANT

Busbar installation shown on single battery vehicle; dual battery vehicle installation is similar.

NOTICE

Parts of vehicle have been hidden for clarity.

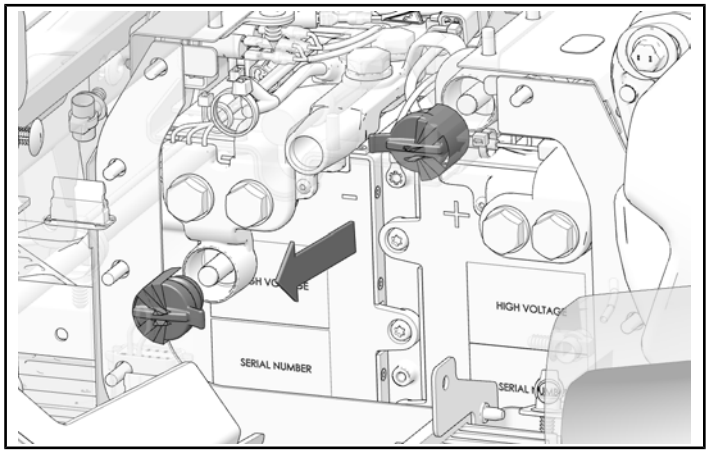
1. Remove and discard ground screw from battery.



2. Remove and keep two plugs from battery.

NOTICE

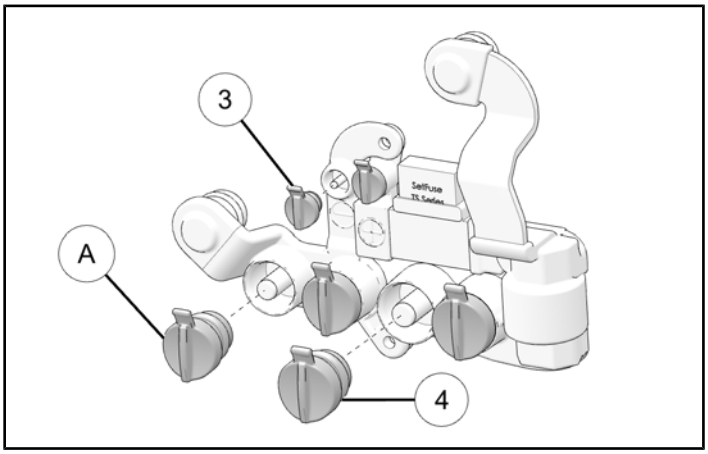
If safety adhesive stickers are installed over plugs, carefully score adhesive stickers with insulated screwdriver and remove safety adhesive stickers from battery plugs.



3. Install two existing plugs Ⓐ, two plugs ③, and two plugs ④ onto busbar.

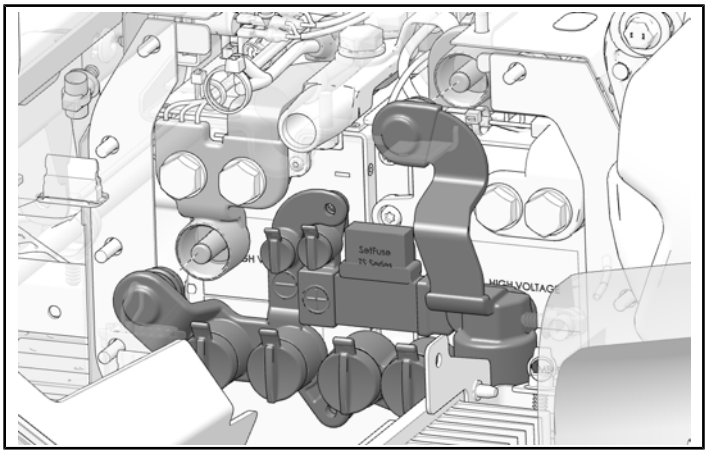
NOTICE
Install plugs onto busbar before installing busbar onto battery.

IMPORTANT
Make sure to firmly push plugs onto busbar until fully seated.



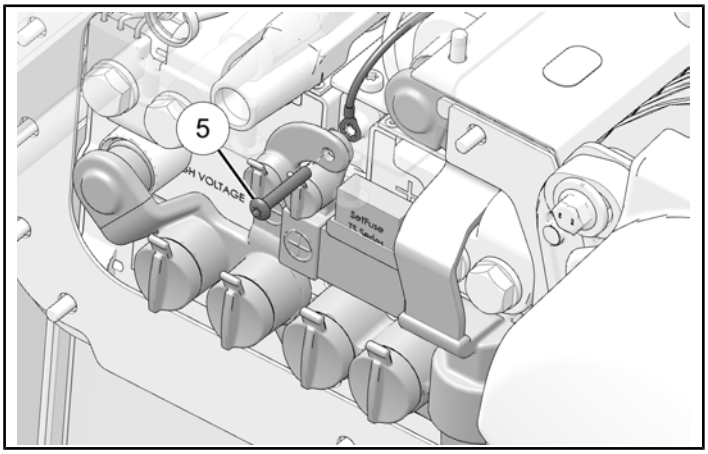
4. Install busbar onto battery connections.

IMPORTANT
Make sure to firmly push busbar onto battery terminals until fully seated.



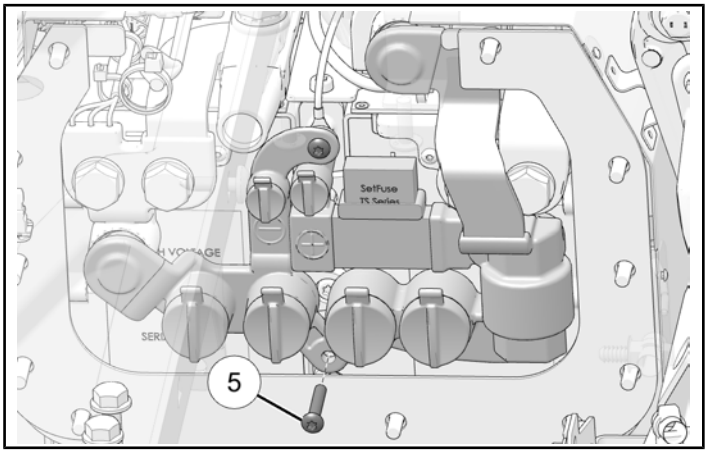
5. Attach ground wire and upper busbar to battery with screw ⑤.

NOTICE
Make sure to use an insulated tool to install screw.



6. Attach lower busbar to battery with screw ⑤.

NOTICE
Make sure to use an insulated tool to install screw.



7. Torque screws ⑤ to specification.

TORQUE
Busbar Screws ⑤: **42 in-lbs (5 N·m)**

VEHICLE REASSEMBLY

DUAL BATTERY MODELS ONLY

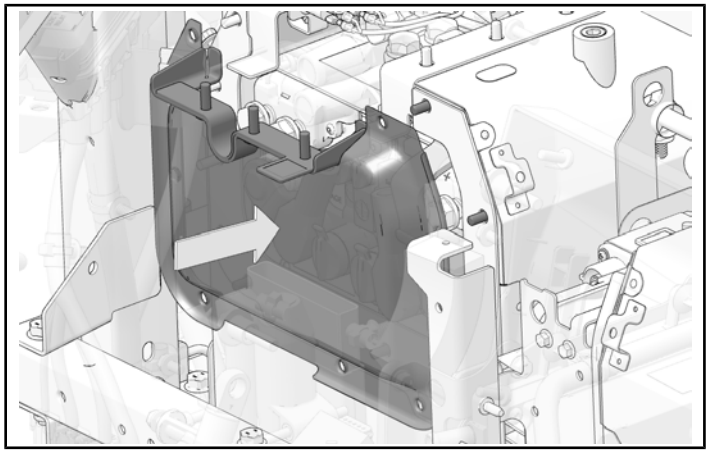
DRIVER SIDE BATTERY ENCLOSURE PANEL INSTALLATION

⚠ CAUTION

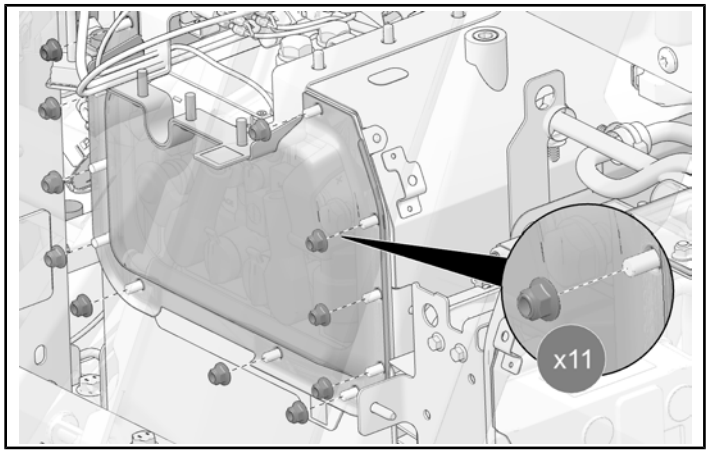
Always wear high-voltage approved gloves when working on batteries. Failure to wear High Voltage Personal Protective Equipment (HV PPE) when working on batteries could result in minor to moderate injury.

SIDE PANEL INSTALLATION

1. Inspect side panel gasket and replace if worn.
2. Install battery enclosure side panel onto studs.



3. Attach side panel to battery enclosure with eleven nuts.



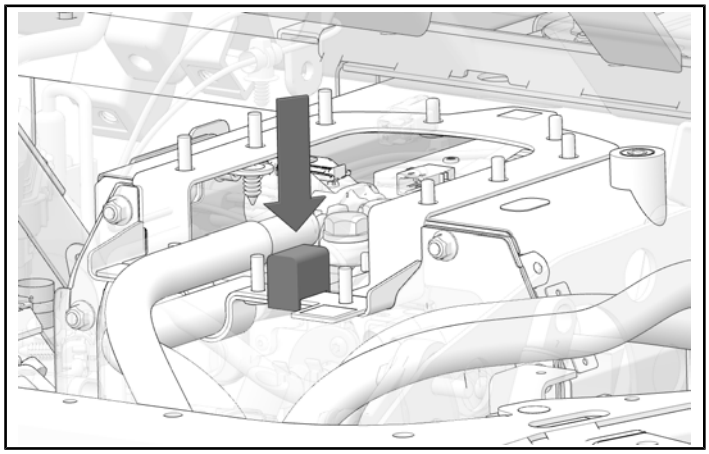
4. Torque nuts to specification.

TORQUE

Battery Enclosure Side Panel Nuts:
53 in-lbs (6 N·m)

TOP PANEL INSTALLATION

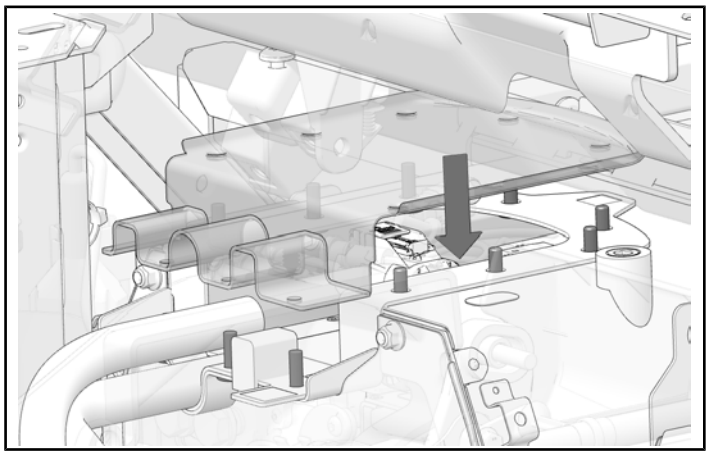
1. Inspect top panel gasket and replace if worn.
2. Install large plug into open slot on battery panel.



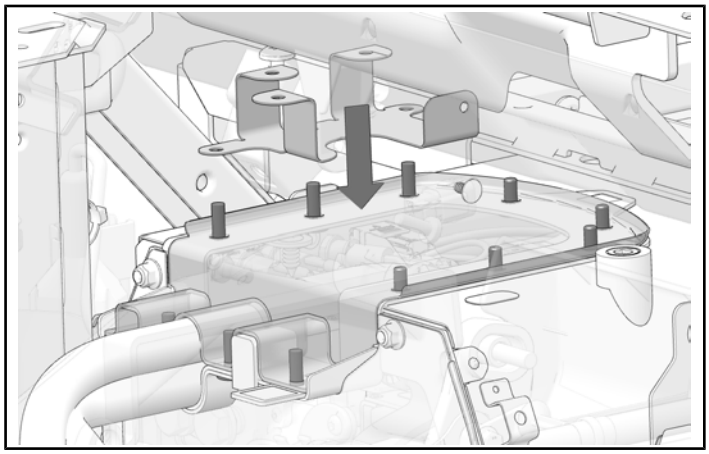
3. Install battery enclosure top panel onto studs.

IMPORTANT

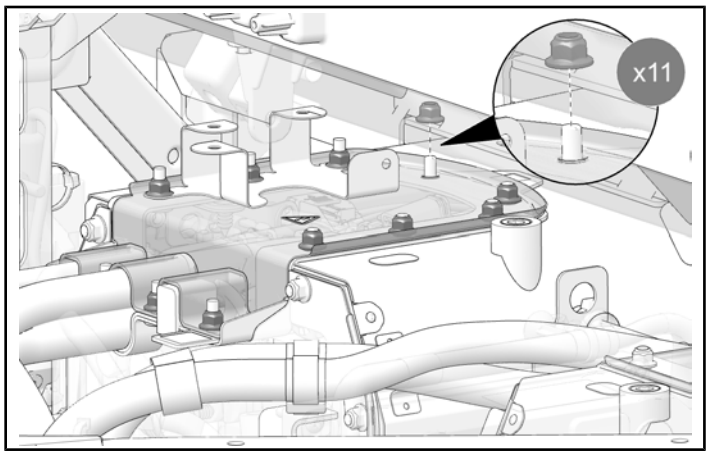
Make sure power harnesses are not pinched between top panel and side panel when installed.



4. Install bracket onto battery enclosure top panel and studs.



5. Attach top panel and bracket to battery enclosure with eleven nuts.



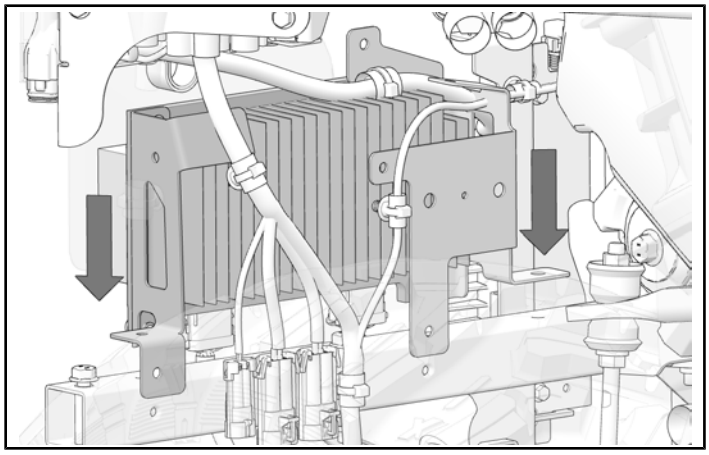
6. Torque nuts to specification.

TORQUE
Battery Enclosure Top Panel Nuts: **53 in-lbs (6 N·m)**

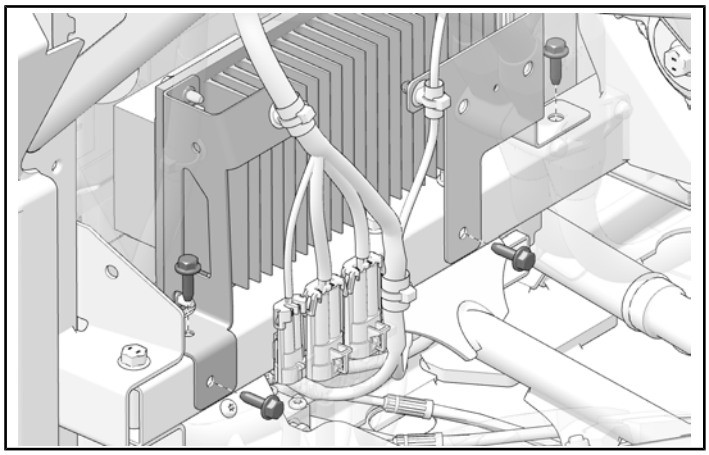
CONVERTER INSTALLATION

NOTICE
Parts of vehicle have been hidden for clarity.

1. Move converter and heat sink bracket onto chassis bar.



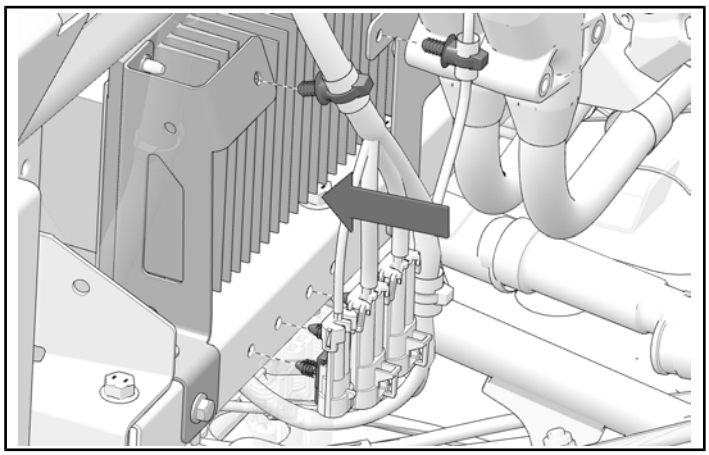
2. Attach converter and heat sink bracket to chassis bar with four kept bolts.



3. Torque bolts to specification.

TORQUE
Converter Bracket Bolts: **71 in-lbs (8 N·m)**

4. Install converter harness to chassis bar and converter brackets with five attached push-pin darts.



SINGLE BATTERY MODELS ONLY

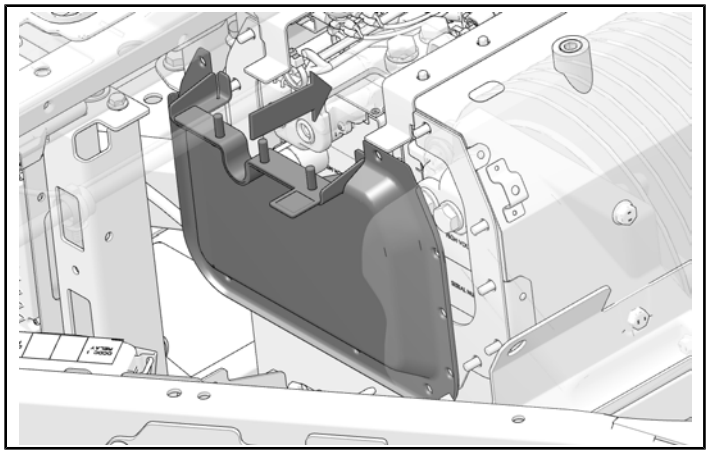
PASSENGER SIDE BATTERY ENCLOSURE PANEL INSTALLATION

⚠ CAUTION
Always wear high-voltage approved gloves when working on batteries. Failure to wear High Voltage Personal Protective Equipment (HV PPE) when working on batteries could result in minor to moderate injury.

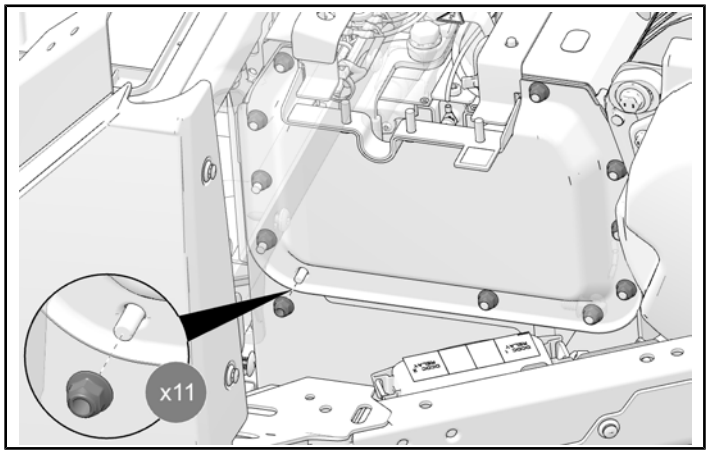
SIDE PANEL INSTALLATION

1. Inspect side panel gasket and replace if worn.

2. Install battery enclosure side panel onto studs.



3. Attach side panel to battery enclosure with eleven nuts.

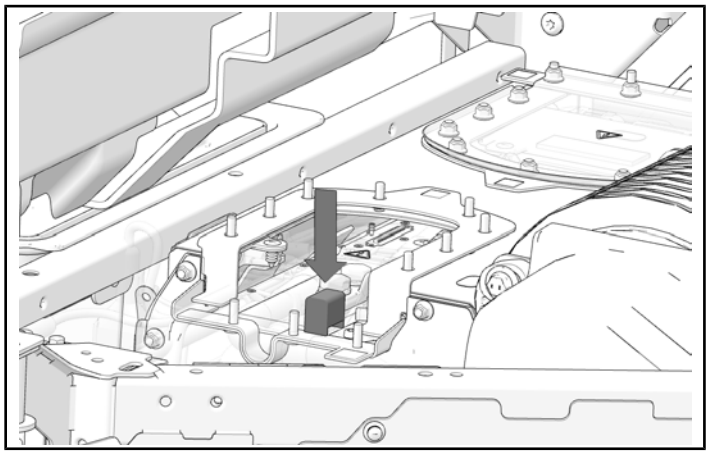


4. Torque nuts to specification.

TORQUE
Battery Enclosure Side Panel Nuts: **53 in-lbs (6 N·m)**

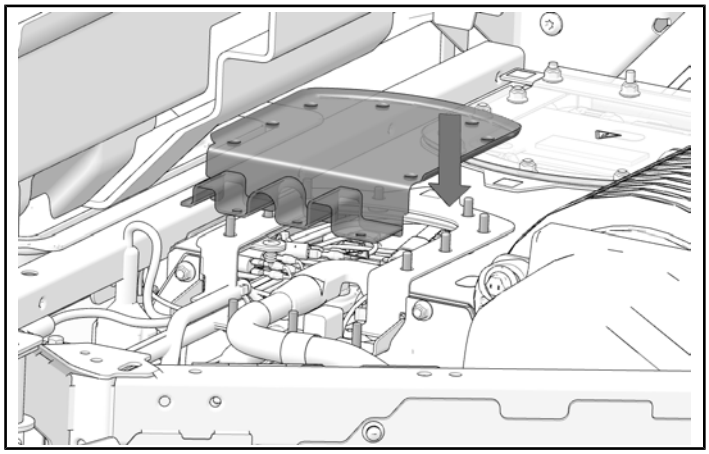
TOP PANEL INSTALLATION

1. Inspect top panel gasket and replace if worn.
2. Install large plug into open slot on battery panel.

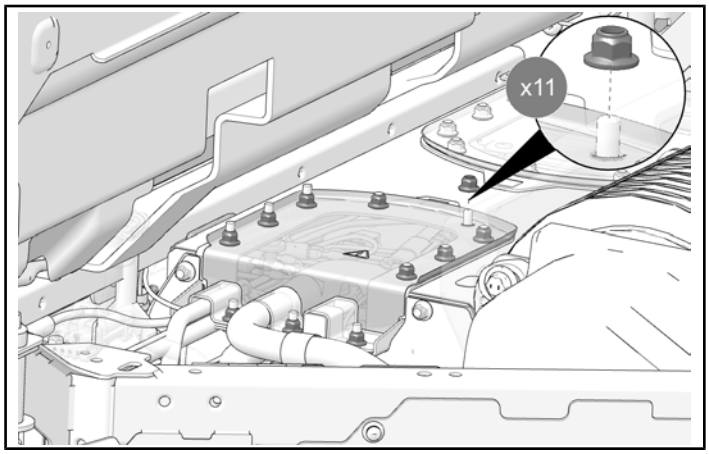


3. Install battery enclosure top panel onto studs.

IMPORTANT
Make sure power harnesses are not pinched between top panel and side panel when installed.



4. Attach top panel to battery enclosure with eleven nuts.



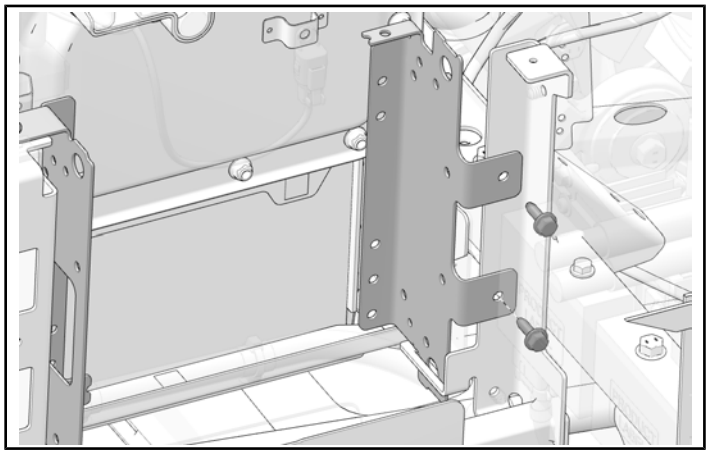
5. Torque nuts to specification.

TORQUE
Battery Enclosure Top Panel Nuts: **53 in-lbs (6 N·m)**

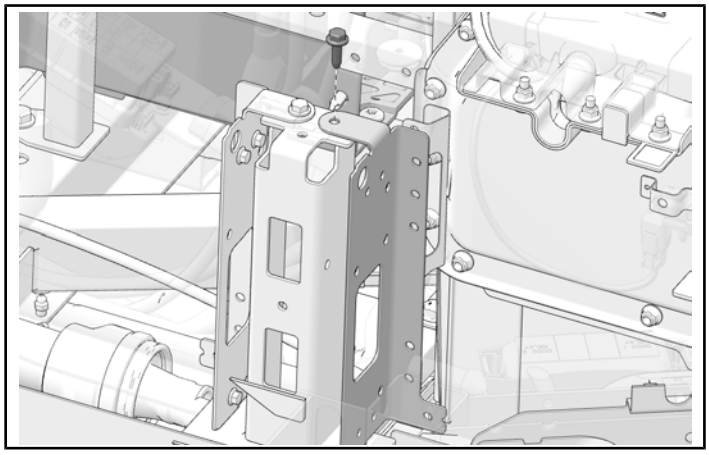
CHARGER MOUNT BRACKETS INSTALLATION

BRACKETS ONLY

1. Attach rear charger mount bracket to vehicle with two kept screws.



2. Attach front charger mount bracket to vehicle with one kept screw.



3. Torque screws to specification.

TORQUE
Charger Bracket Screws: **108 in-lbs (12 N·m)**

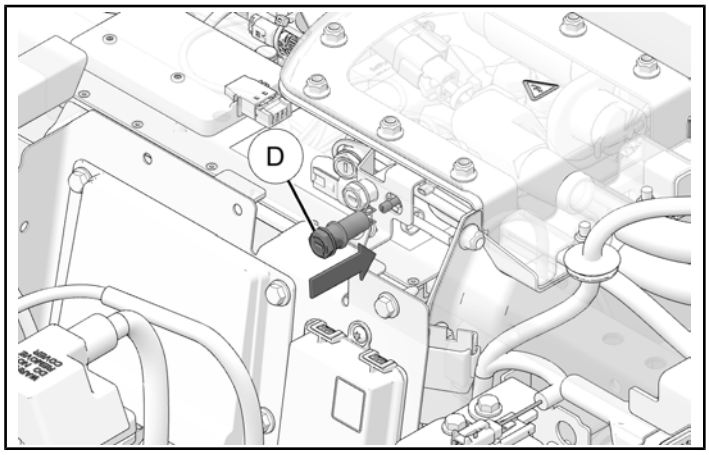
SINGLE AND DUAL BATTERY MODELS

LEVEL 2 VEHICLE RECONNECTION

1. Install contactor fuse Ⓓ into each battery. Use insulated slotted screwdriver and turn fuse to install contactor fuse Ⓓ into each battery.

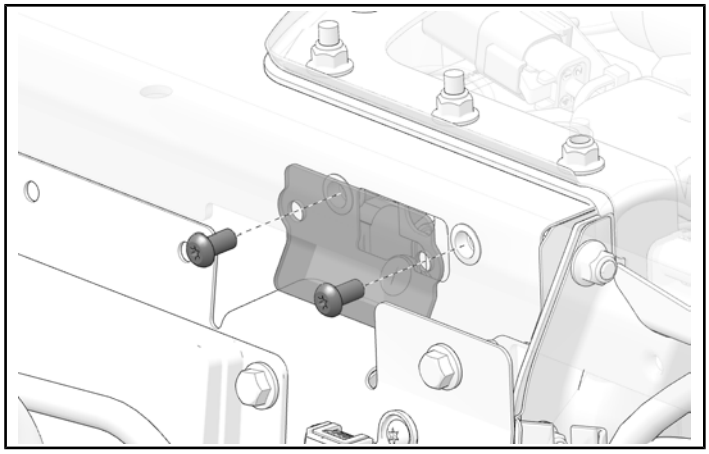
⚠ CAUTION
Always wear high-voltage approved gloves when working on batteries. Failure to wear High Voltage Personal Protective Equipment (HV PPE) when working on batteries could result in minor to moderate injury.

NOTICE
If vehicle is equipped with two batteries, the contactor fuses will need to be reinstalled into both batteries.



2. Install fuse cover onto each battery with two kept screws.

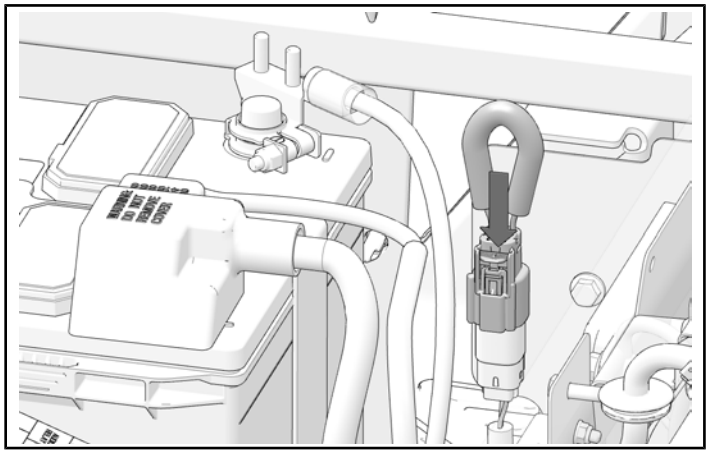
NOTICE
If vehicle is equipped with two batteries, the fuse cover will need to be reinstalled on both batteries.



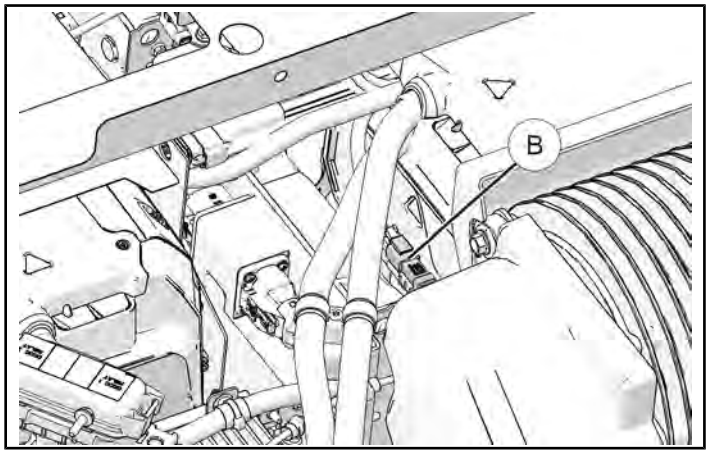
3. Torque screws to specification.

TORQUE
Fuse Cover Screws: **42 in-lbs (5 N·m)**

4. Install service disconnect by pushing lock tab down on service disconnect harness.



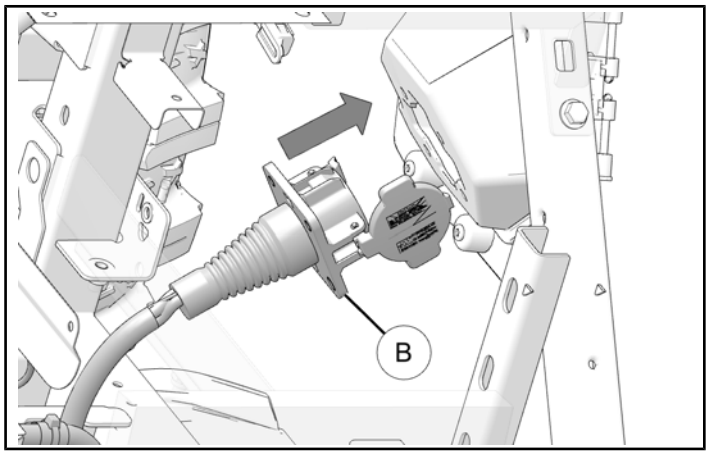
5. Connect the two-pin DC/DC connector Ⓑ, as shown.



DUAL BATTERY MODELS ONLY

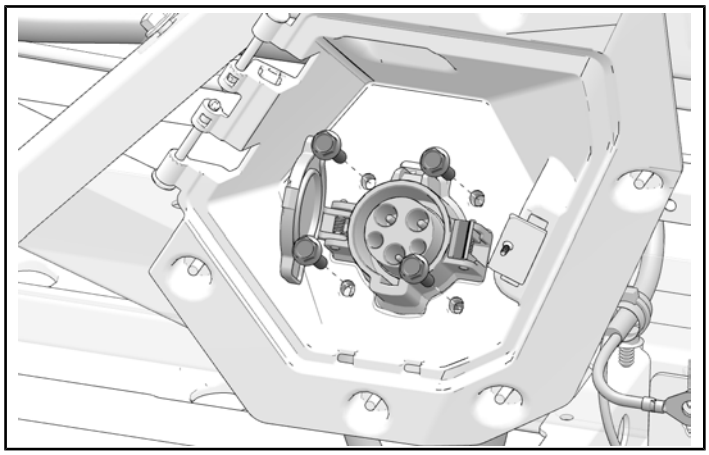
DRIVER SIDE ROCKER PANEL INSTALLATION

1. Put charge port assembly Ⓑ through charge port opening on rocker panel.

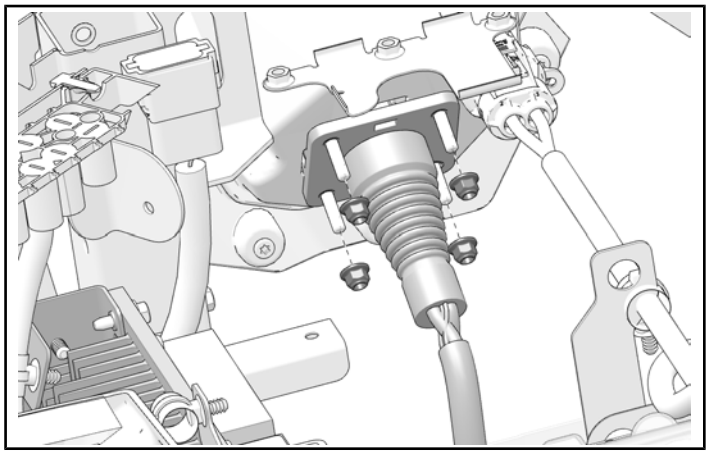


2. Attach charge port assembly to rocker panel with four kept screws.

IMPORTANT
Make sure charge port assembly cap is closed before installing in rocker panel.



3. Attach charge port assembly to rocker panel with four kept nuts.

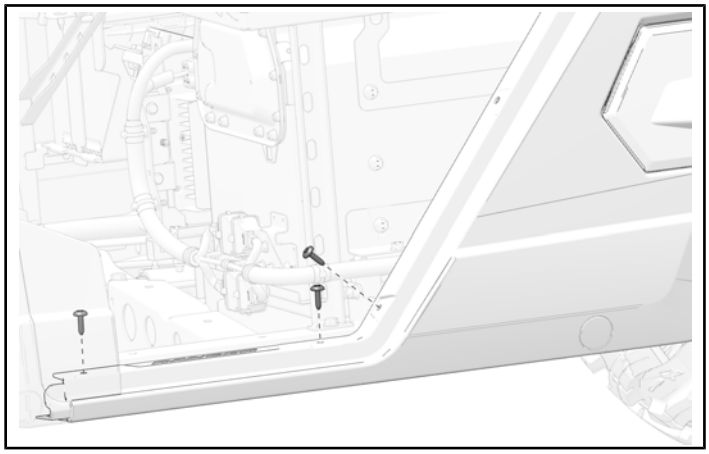


4. Torque nuts to specification.

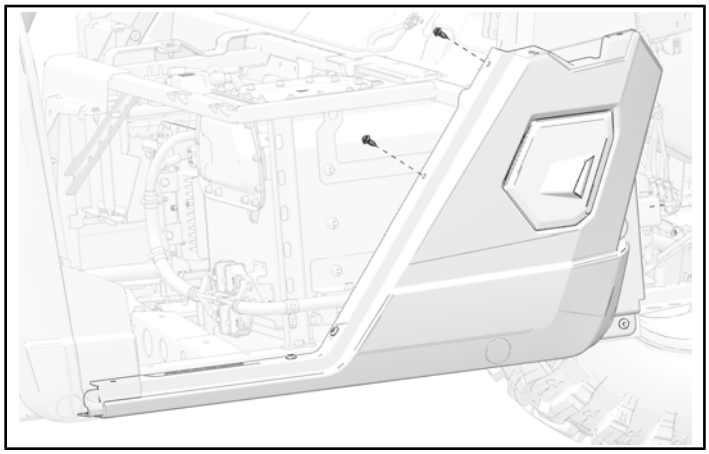
TORQUE
Charge Port Assembly Nuts: **53 in-lbs (6 N·m)**

5. Attach door edge of rocker panel to vehicle frame with three kept screws.

DO NOT torque fasteners at this time.

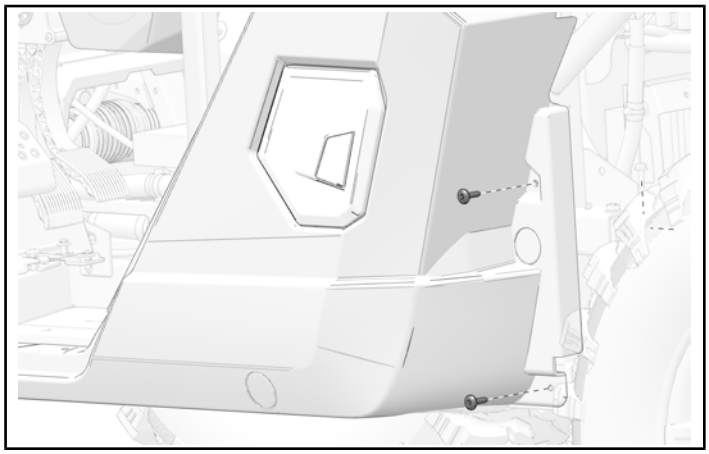


6. Attach upper door edge of rocker panel to vehicle frame with two kept push-pin rivets.

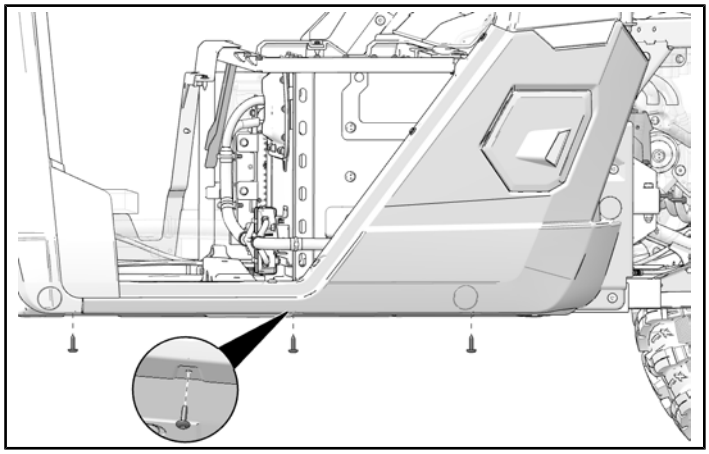


7. Attach rear edge of rocker panel to vehicle frame with two kept screws.

DO NOT torque fasteners at this time.



8. Attach bottom edge of rocker panel to vehicle frame with three kept screws.

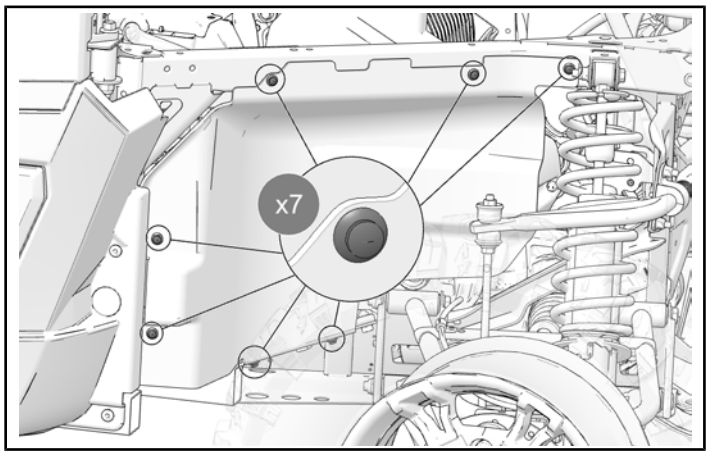


9. Torque all screws to specification.

TORQUE
Rocker Panel Screws: **42 in-lbs (5 N·m)**

REAR FENDER INSTALLATION

1. Attach rear fender to vehicle with seven kept push pin rivets.

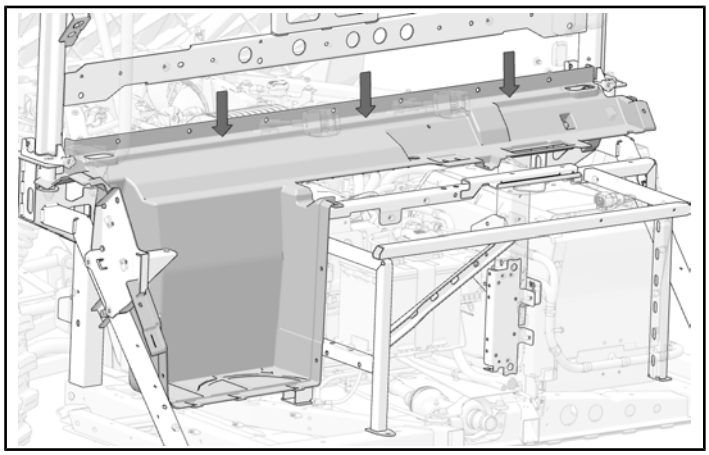


SINGLE AND DUAL BATTERY MODELS

LOWER CLOSE-OFF PANEL INSTALLATION

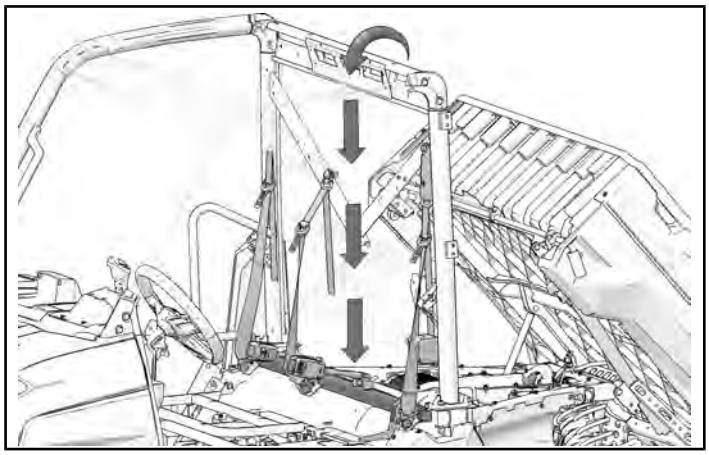
NOTICE
Parts of vehicle hidden for clarity.

1. Put lower close-off panel into vehicle.



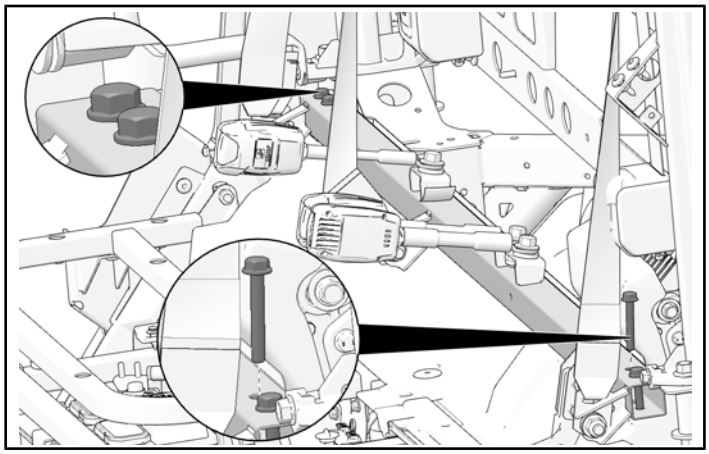
SEATBELT CROSSBAR INSTALLATION

1. Move seatbelt assembly back over ROPS to inside of vehicle.



2. Align crossbar with fastener holes on vehicle frame.

3. Attach crossbar to vehicle frame with two bolts on each end of crossbar.

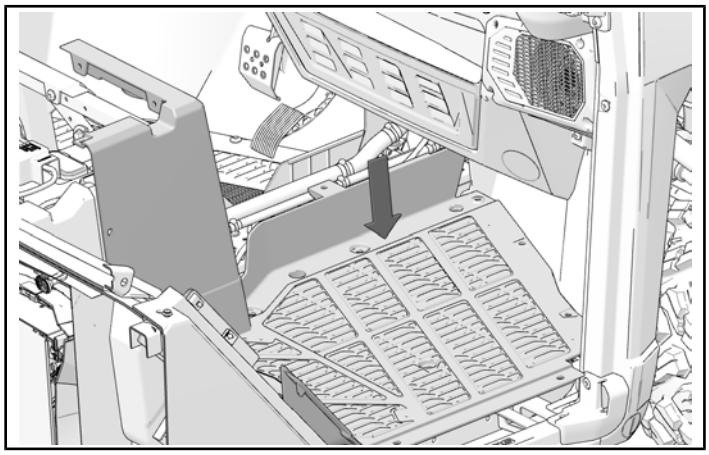


4. Torque bolts to specification.

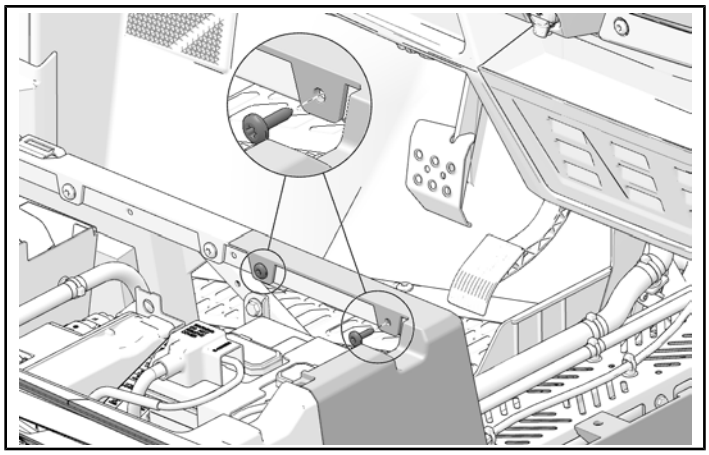
TORQUE
Seatbelt Crossbar Bolts: **14 ft-lbs (19 N·m)**

FRONT PASSENGER FLOOR INSTALLATION

1. Put floor panel into vehicle.



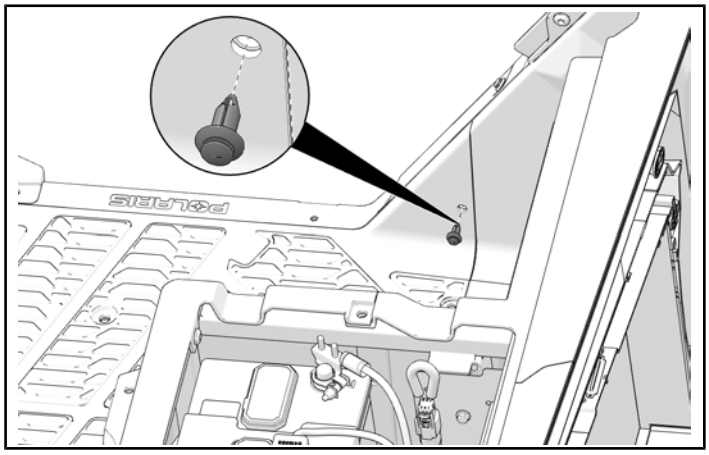
2. Attach floor panel to seat frame with two kept screws.



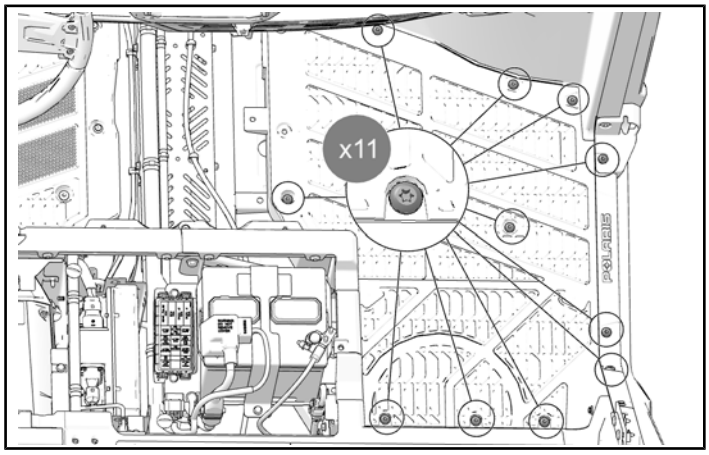
3. Torque screws to specification.

TORQUE
Floor Panel Screws: **42 in-lbs (5 N·m)**

4. Install one push-pin rivet into side of floor panel.



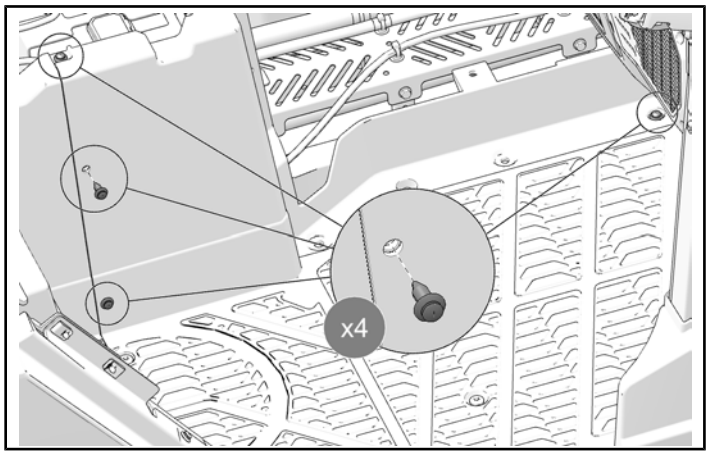
5. Attach floor panel to vehicle with eleven kept screws.



6. Torque screws to specification.

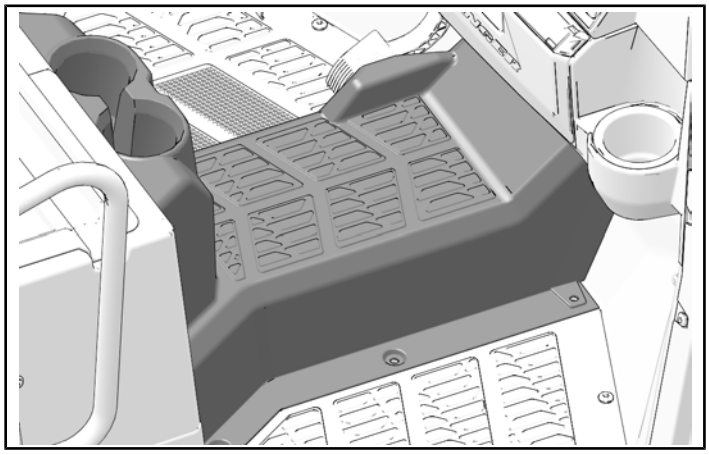
TORQUE
Floor Panel Screws: **42 in-lbs (5 N·m)**

7. Attach floor panel to vehicle with four kept push-pin rivets.

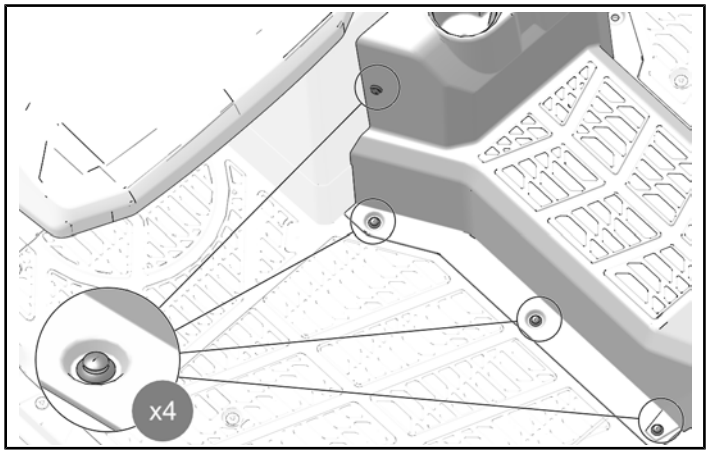


TUNNEL COVER INSTALLATION

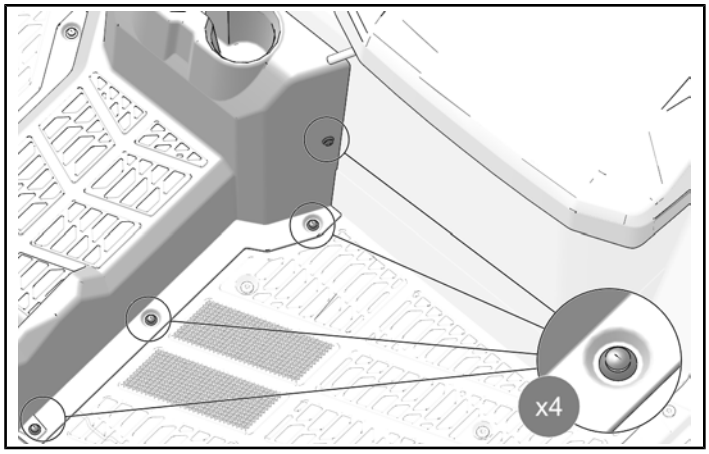
1. Put the tunnel cover in the vehicle.



2. Install the right side with four kept push-pin rivets.



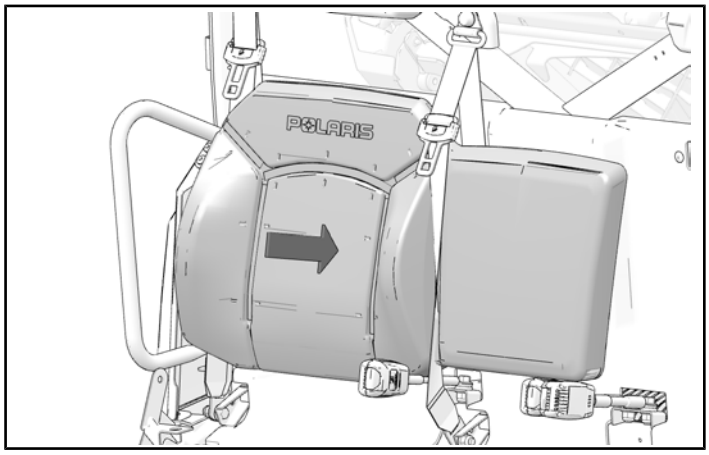
3. Install the left side with four kept push-pin rivets.



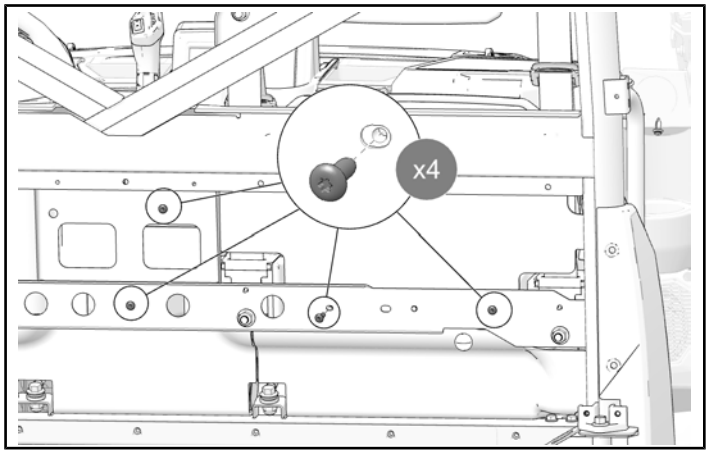
FRONT PASSENGER SEAT INSTALLATION

1. Align passenger seat backrest with fastener holes on vehicle frame.

NOTICE
Move seatbelt over seat backrest before installing to vehicle frame.



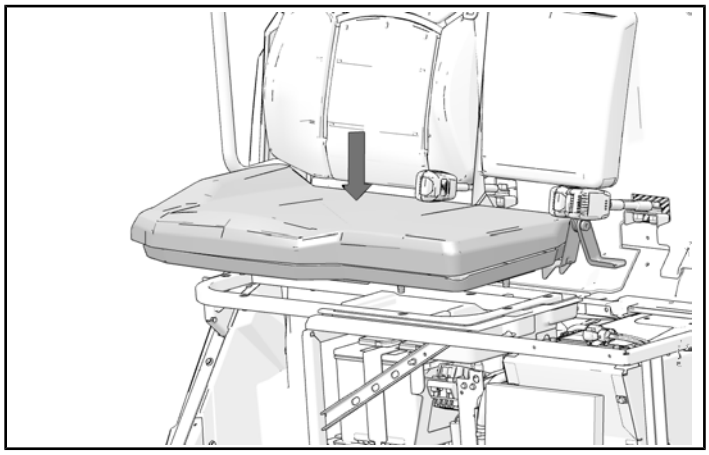
2. Attach passenger seat backrest to vehicle frame with four kept screws.



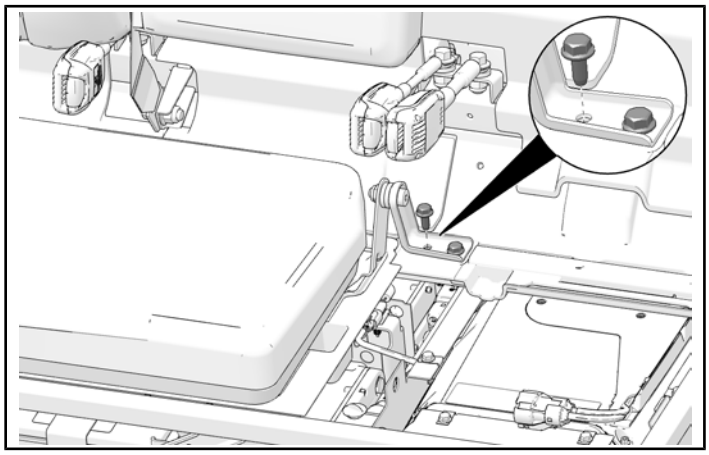
3. Torque screws to specification.

TORQUE
Passenger Seat Backrest Screws: **18 in-lbs (2 N·m)**

4. Put passenger seat onto seat frame.



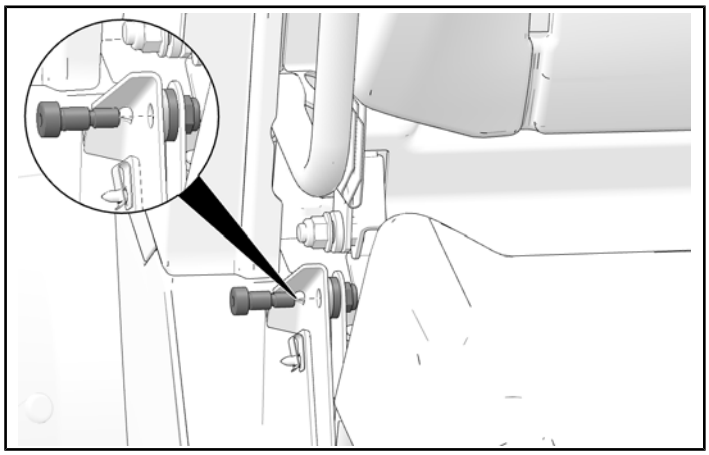
5. Attach passenger seat to seat frame with two kept bolts.



6. Torque bolts to specification.

TORQUE
Passenger Seat Bolts: **10 ft-lbs (14 N·m)**

7. Attach passenger seat to seat frame with one screw, two washers, and one nut.

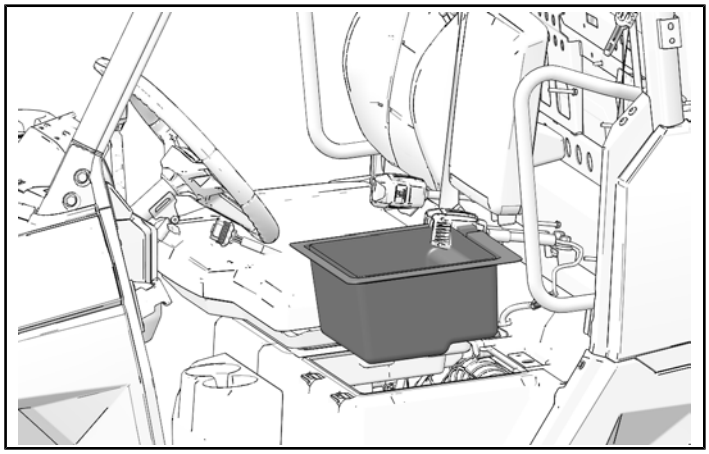


8. Torque nut to specification.

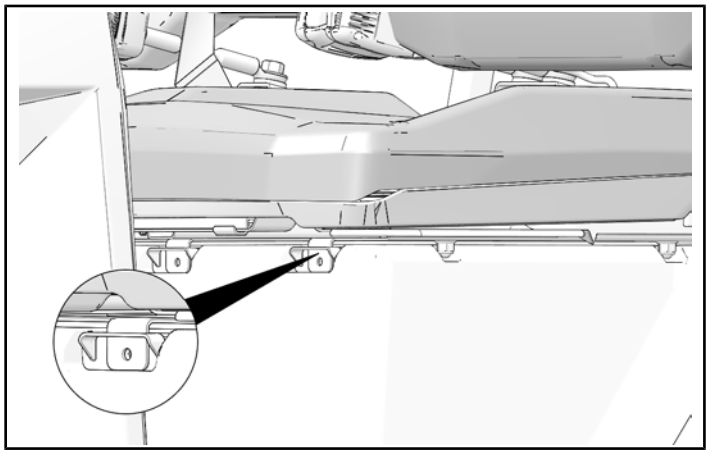
TORQUE
Passenger Seat Bolts: **10 ft-lbs (14 N·m)**

SEAT AND BIN INSTALLATION

1. If equipped, install under seat storage bin on driver side.

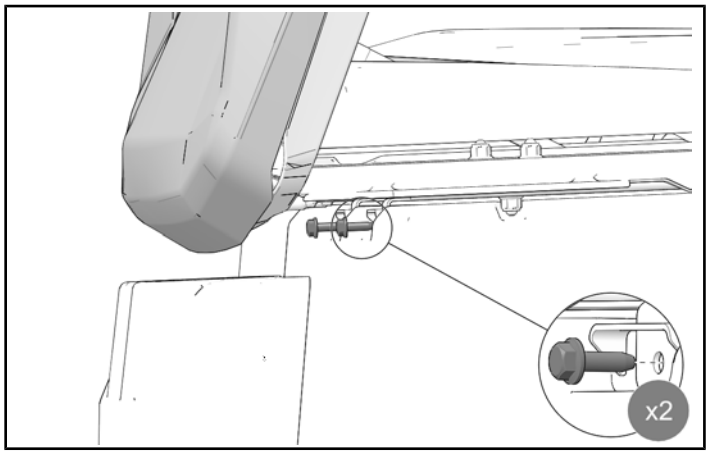


2. Install driver seat with seat slider onto the seat location in vehicle. Make sure that the front bracket fits into the holes of the bracket hinge.



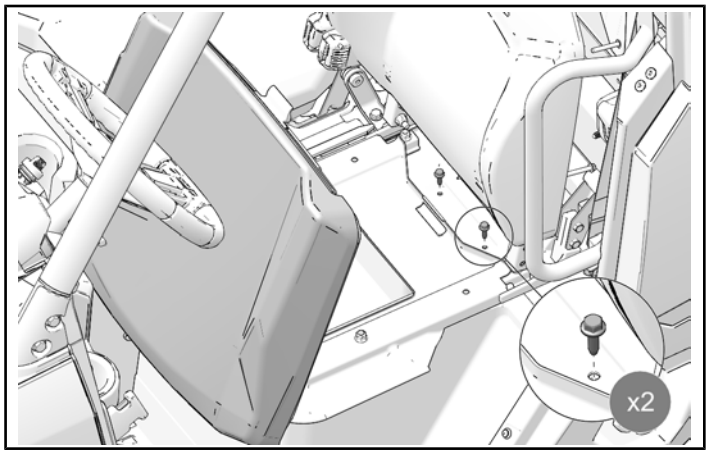
3. Install the two kept screws in front of the seat. Torque to specification.

TORQUE
Screws: **72 in-lbs (8 N·m)**

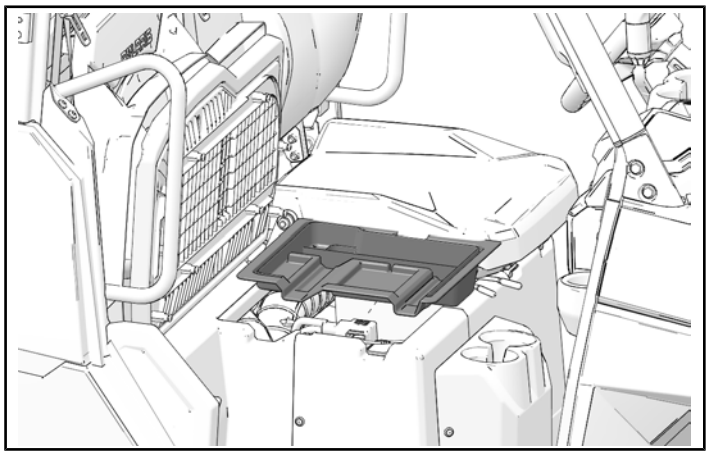


4. Move seat forward to install two kept under seat screws. Torque to specification.

TORQUE
Under Seat screws: **72 in-lbs (8 N·m)**



5. Install under storage bin on passenger side.

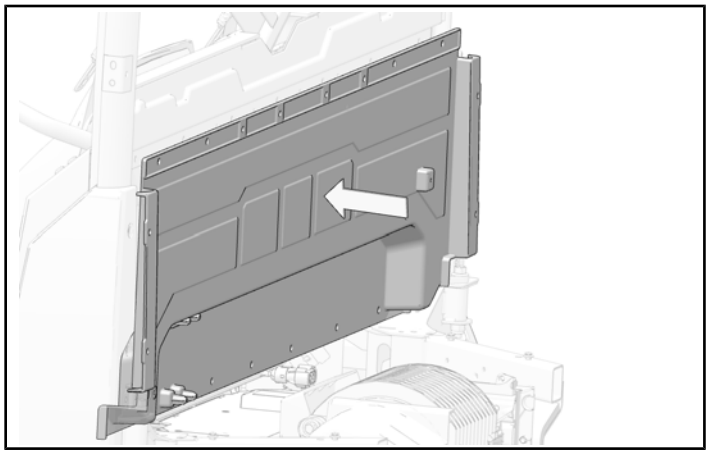


6. Close seats.

REAR CLOSE-OFF PANEL INSTALLATION

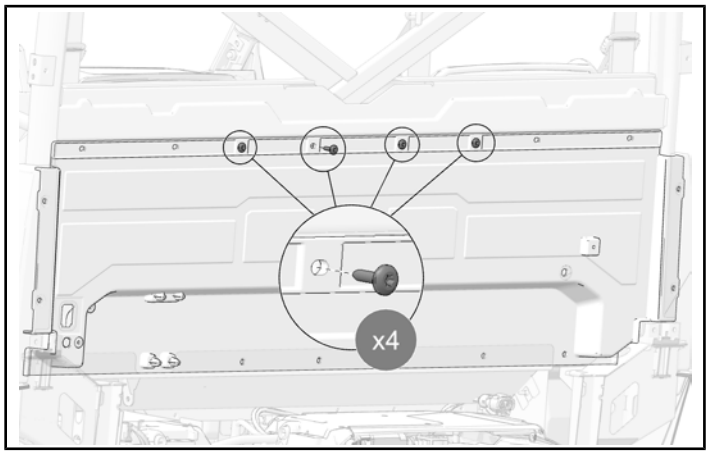
1. Align rear close-off panel with mounting holes.

NOTICE
Push on the full length of the center section on the panel to help align mounting holes.

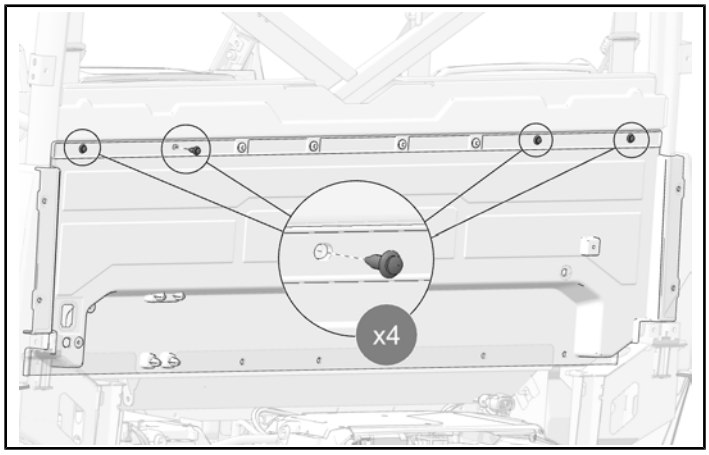


2. Attach top of rear close-off panel to vehicle with four kept screws.

DO NOT torque fasteners at this time.

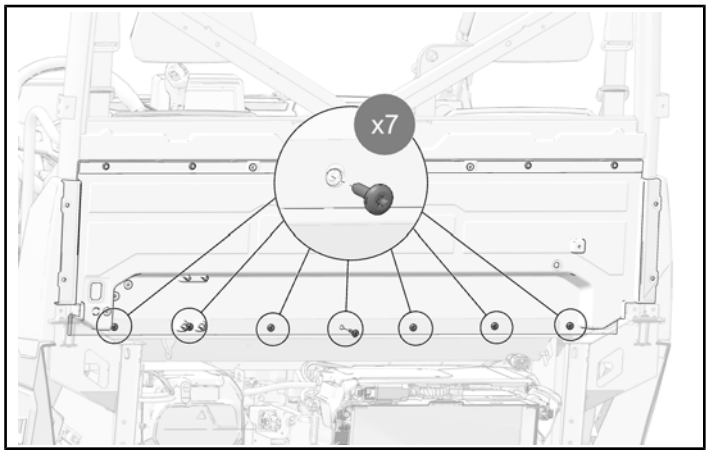


3. Attach top of rear close-off panel to vehicle with four kept push-pin rivets.



4. Attach bottom of rear close-off panel to vehicle with seven kept screws.

DO NOT torque fasteners at this time.



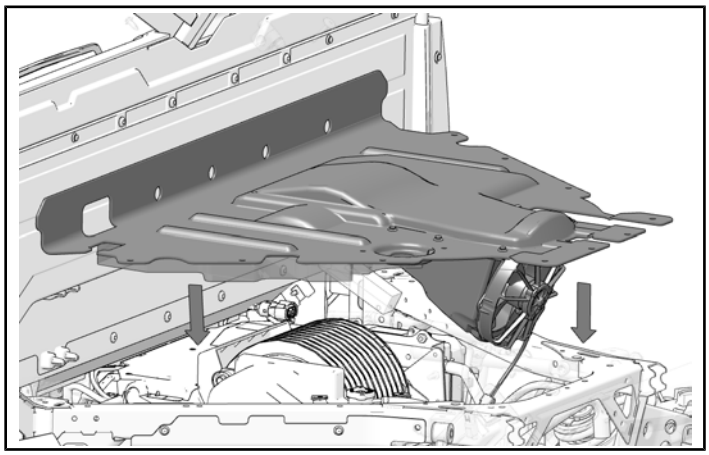
5. Torque all screws to specification.

TORQUE
Rear Close-Off Panel Screws: **42 in-lbs (5 N·m)**

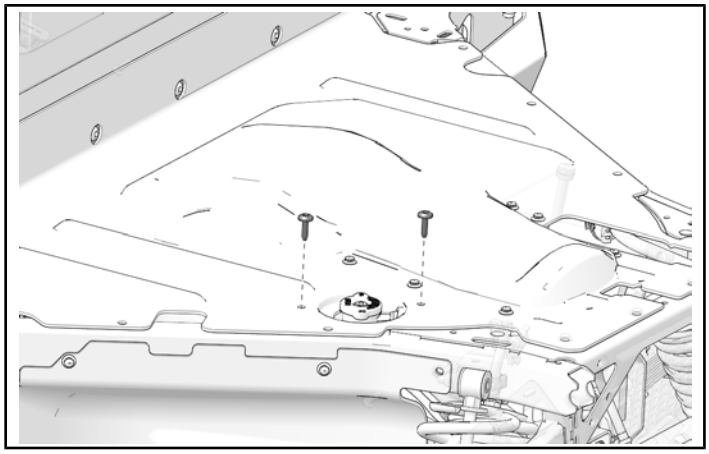
REAR TOP CLOSE-OFF PANEL INSTALLATION

NOTICE
Cargo box hidden for clarity.

1. Set rear close-off panel with fan onto chassis.



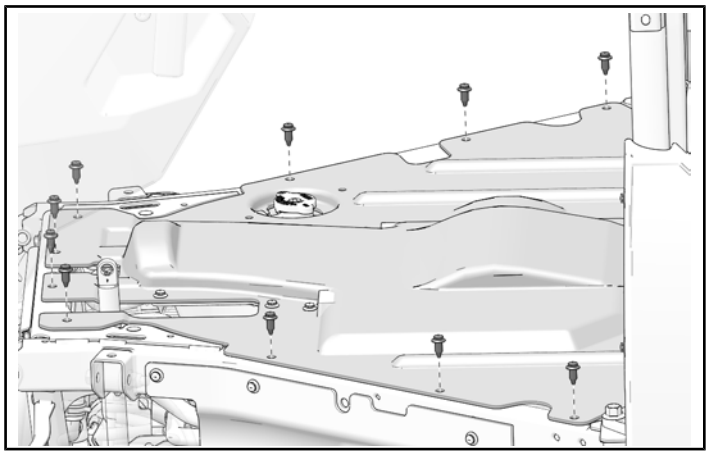
2. Plug fan into main chassis harness.
3. Install two kept close-off panel screws.



4. Torque screws to specification.

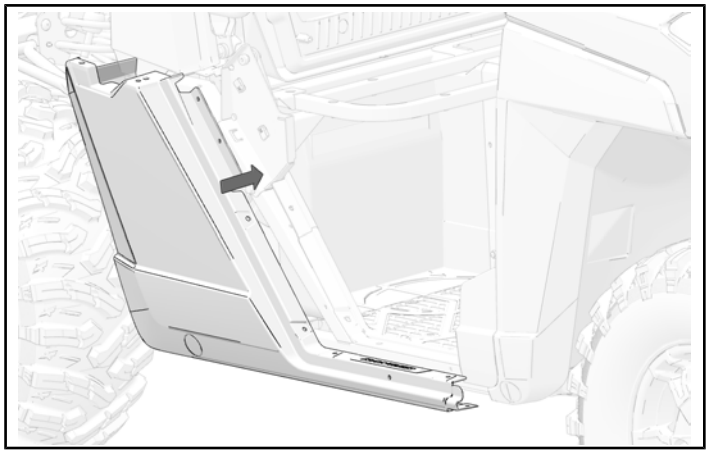
TORQUE
Rear Close-Off Panel Screws: **18 in-lbs (2 N·m)**

5. Attach rear close-off panel to chassis with ten kept push-pin rivets.



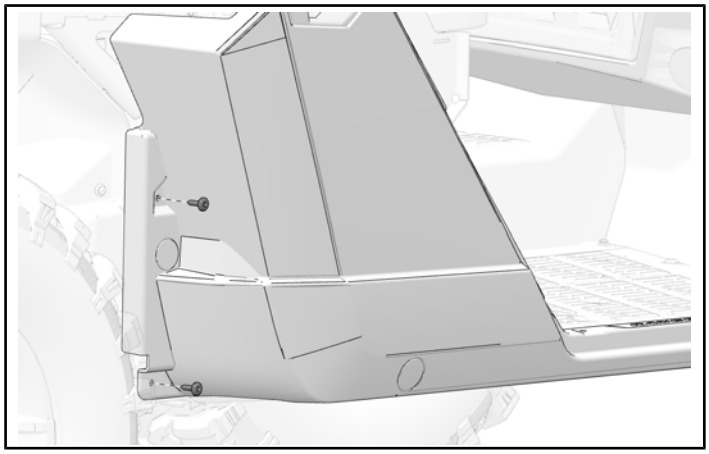
PASSENGER SIDE ROCKER PANEL INSTALLATION

1. Put rocker panel in place on vehicle.



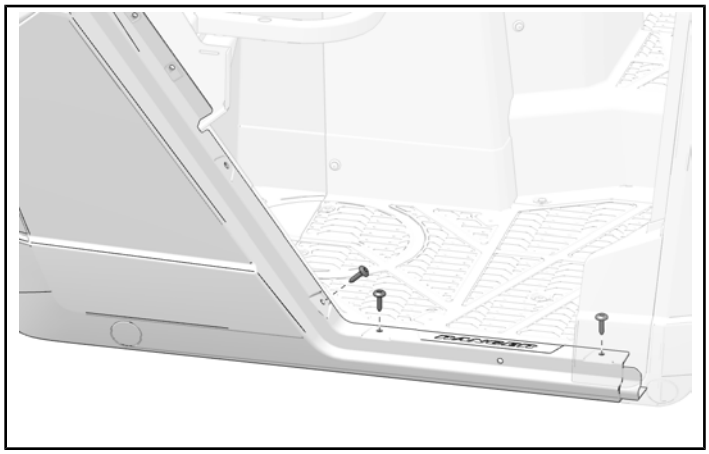
2. Attach rear edge of rocker panel to vehicle frame with two kept screws.

DO NOT torque fasteners at this time.



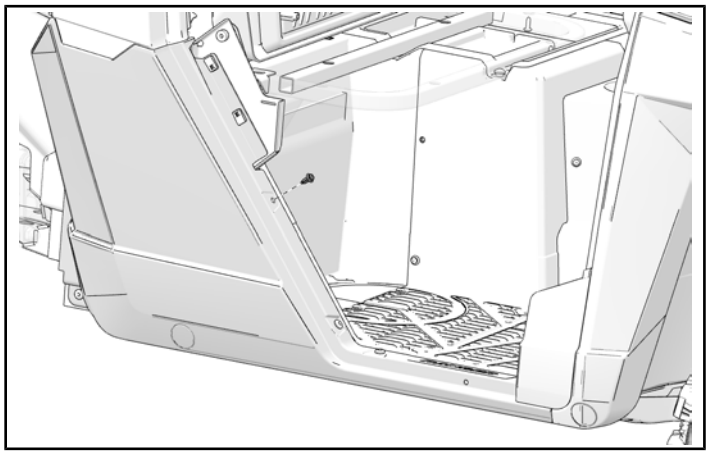
3. Attach door edge of rocker panel to vehicle frame with three kept screws.

DO NOT torque fasteners at this time.



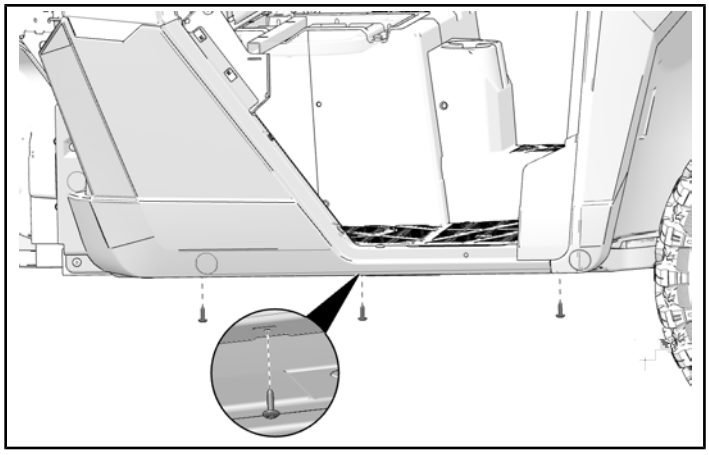
4. Attach upper door edge of rocker panel to vehicle frame with one kept push-pin rivets.

DO NOT torque fasteners at this time.



5. Attach bottom edge of rocker panel to vehicle frame with three kept screws.

DO NOT torque fasteners at this time.

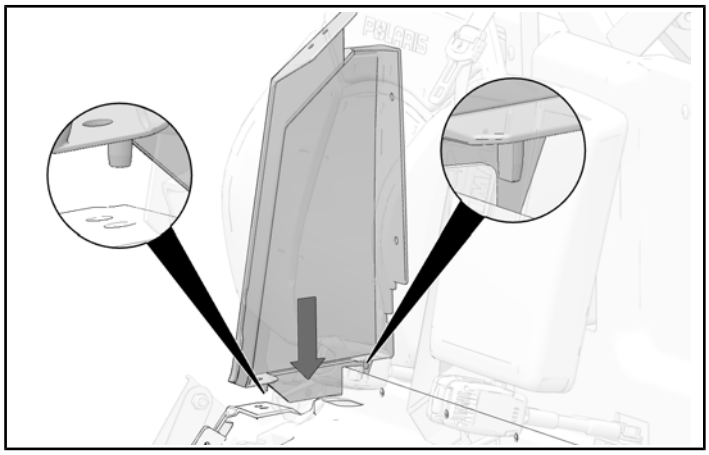


6. Torque all screws to specification.

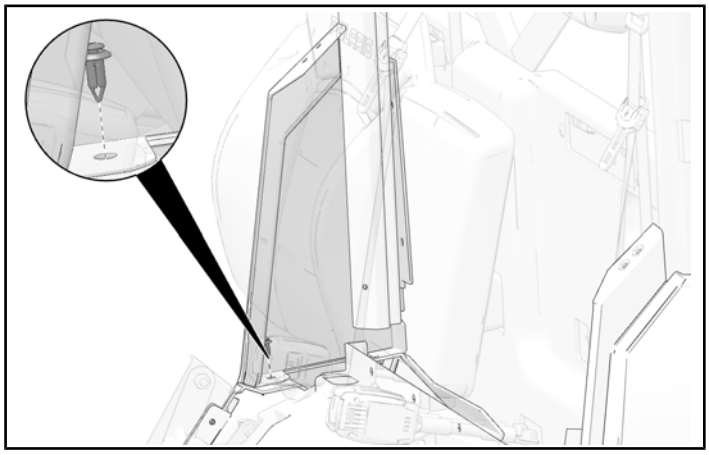
TORQUE
Rocker Panel Screws: **42 in-lbs (5 N·m)**

PASSENGER UPPER SIDE PANEL INSTALLATION

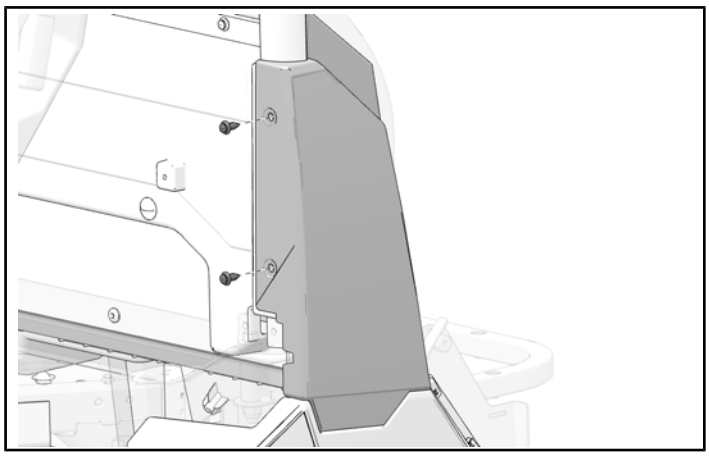
1. Put tabs on bottom of upper side panel into slots on rocker panel.



2. Attach upper side panel to rocker panel with one kept push-pin rivet.

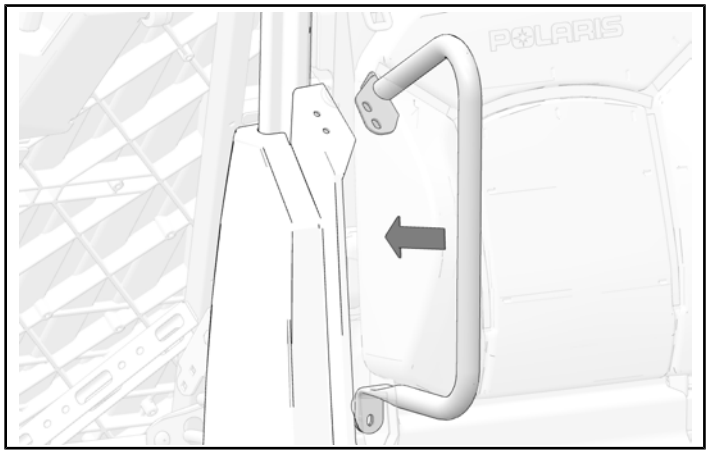


3. Attach upper side panel to vehicle frame and rear close-off panel with two kept push-pin rivets.



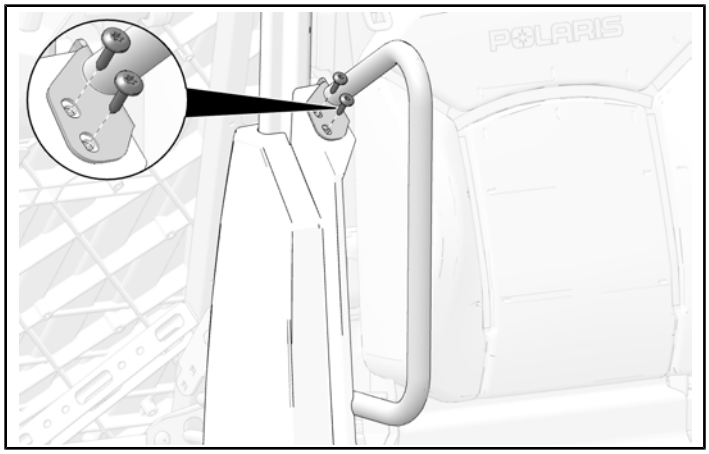
BOLSTER INSTALLATION

1. Align holes on top of bolster with holes on upper side panel.



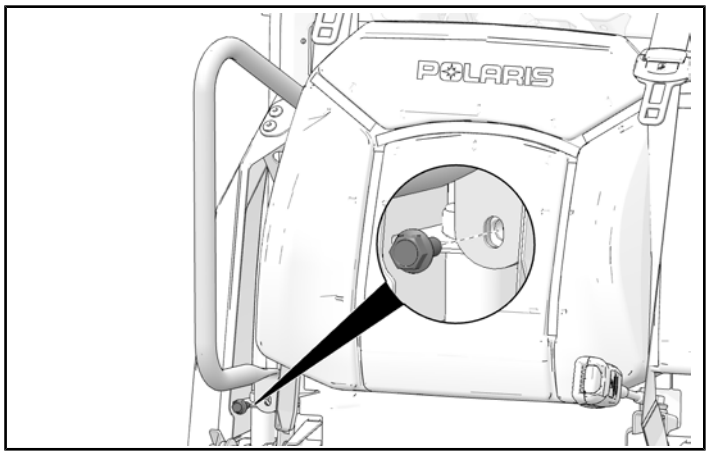
2. Attach top of bolster to upper side panel with two kept screws. Torque screws to specification.

TORQUE
Bolster Screws: **72 in-lbs (8 N·m)**



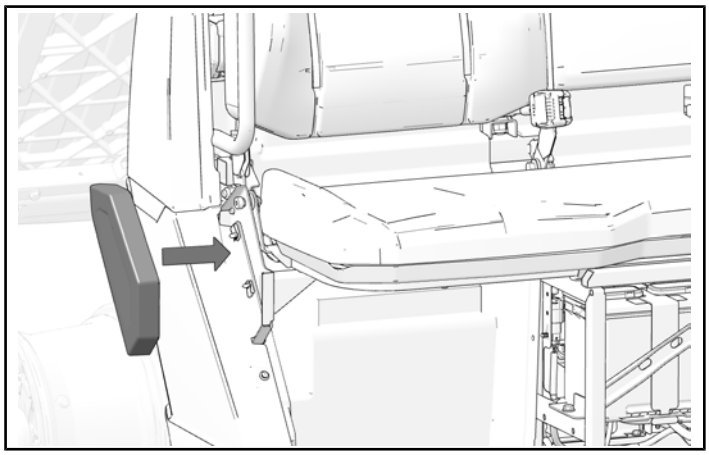
3. Attach bottom of bolster to seat frame with one bolt. Torque bolt to specification.

TORQUE
Bolster Bolt: **10 ft-lbs (14 N·m)**

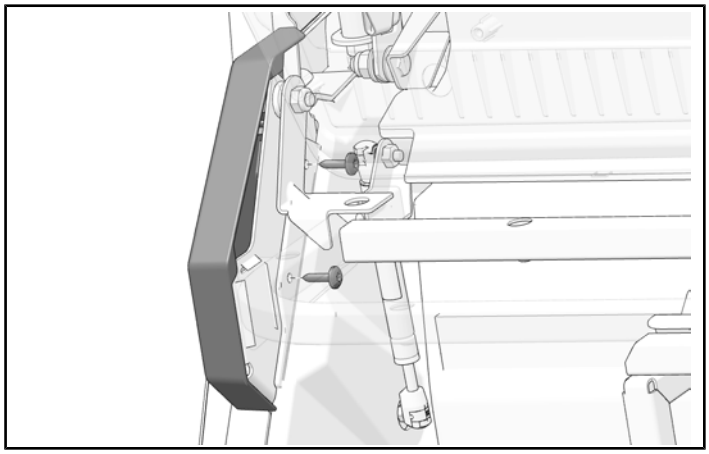


SEAT PIVOT COVER INSTALLATION

1. Install seat pivot cover into tabs on upper and lower side panel.



2. Attach seat pivot cover to seat frame with two kept screws.

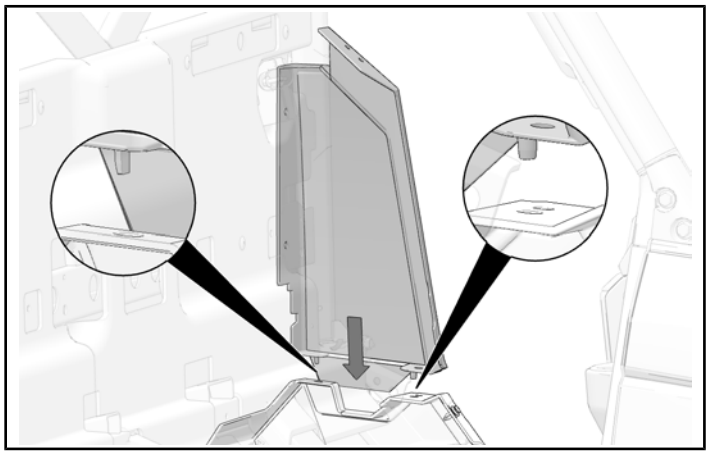


3. Torque screws to specification.

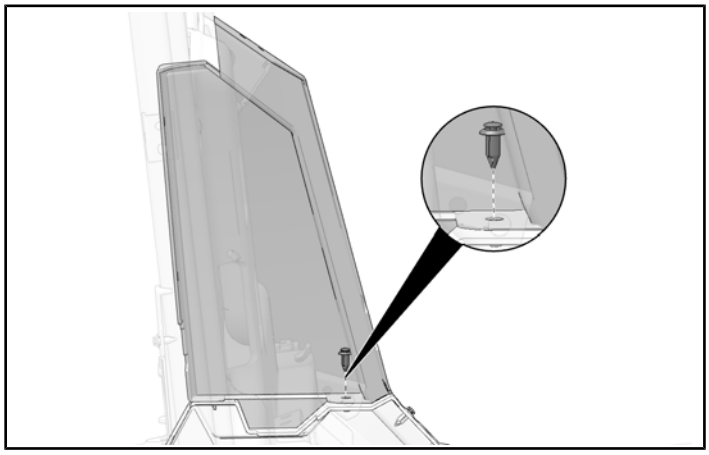
TORQUE
Seat Pivot Cover Screws: **10 ft-lbs (14 N·m)**

DRIVER SIDE UPPER SIDE PANEL INSTALLATION

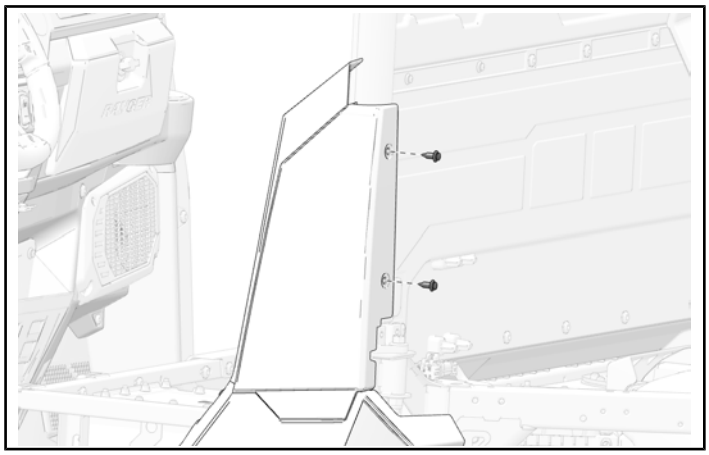
1. Put tabs on bottom of upper side panel into slots on rocker panel.



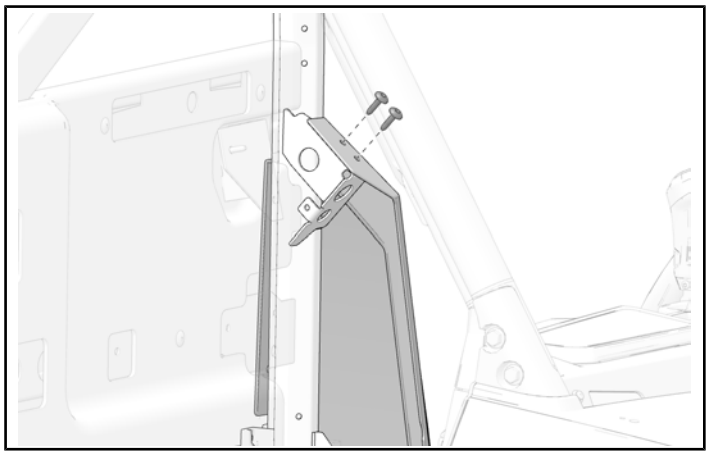
2. Attach upper side panel to rocker panel with one push-pin rivet.



3. Attach upper side panel to vehicle frame and rear close-off panel with two push-pin rivets.



4. Attach upper side panel to vehicle frame bracket with two screws.



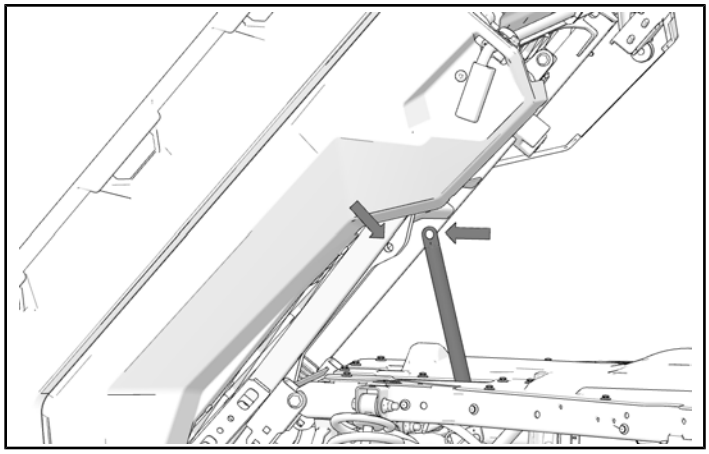
5. Torque screws to specification.

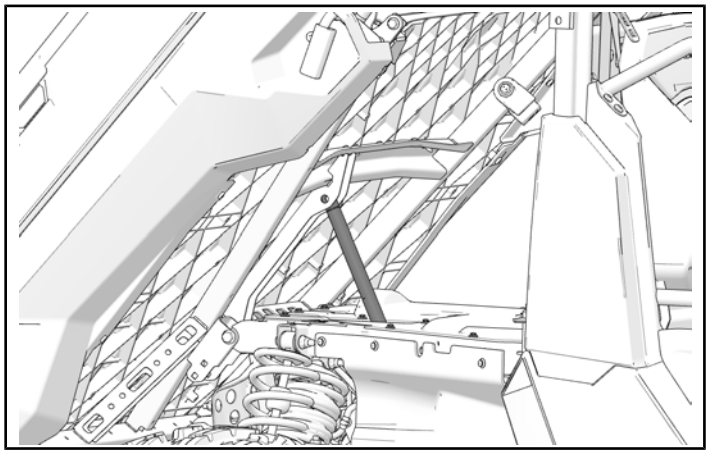
TORQUE
Upper Side Panel Screws: **72 in-lbs (8 N·m)**

CONNECT SHOCK TO CARGO BOX

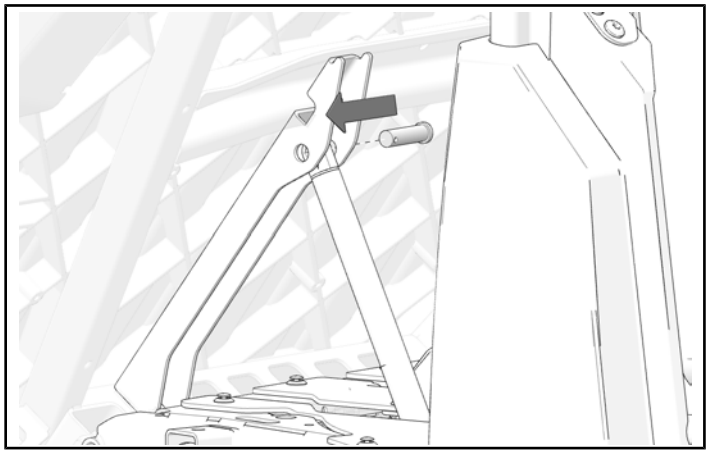
NOTICE
Parts of vehicle have been hidden for clarity.

1. Lower cargo box and align clevis pin hole on shock with hole on cargo box frame.

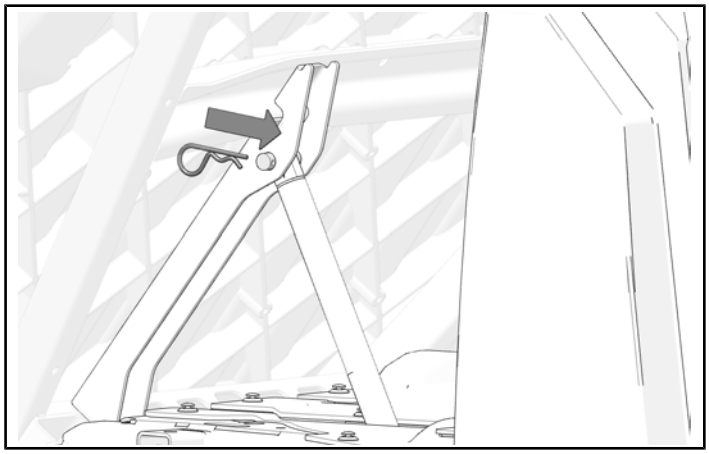




2. Attach shock to cargo box frame with kept clevis pin.



3. Install kept cotter pin through hole on clevis pin.



4. Lower cargo box and lock into position.