HEATER KIT

P/N 2889449

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 heater kit and the pre-requisite busbar kit will only be installed on the driver side battery.

REQUIRED SOLD SEPARATELY

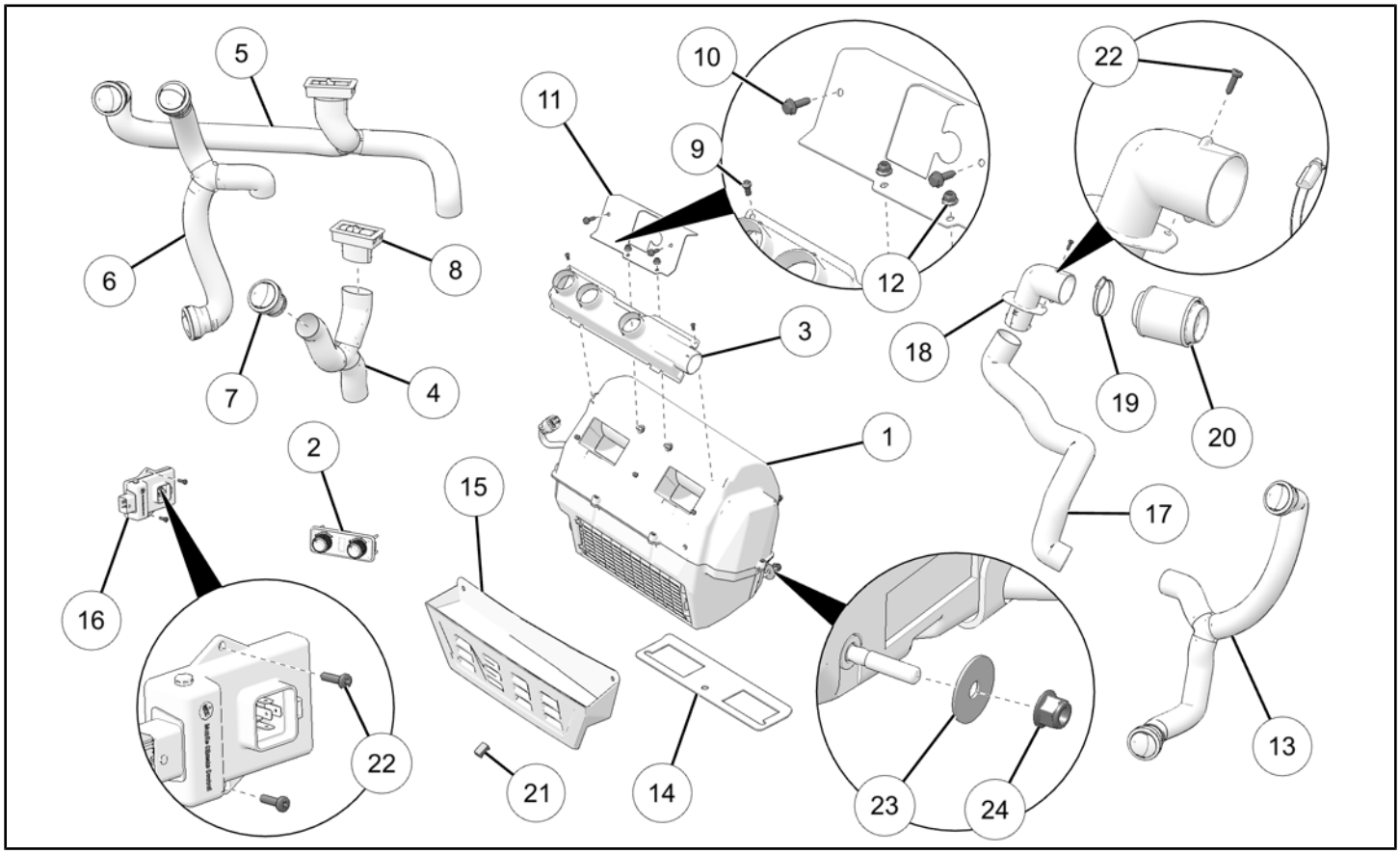
Only parts for installation of the Heater Kit are included. Prior installation of the following additional kit is required (sold separately):

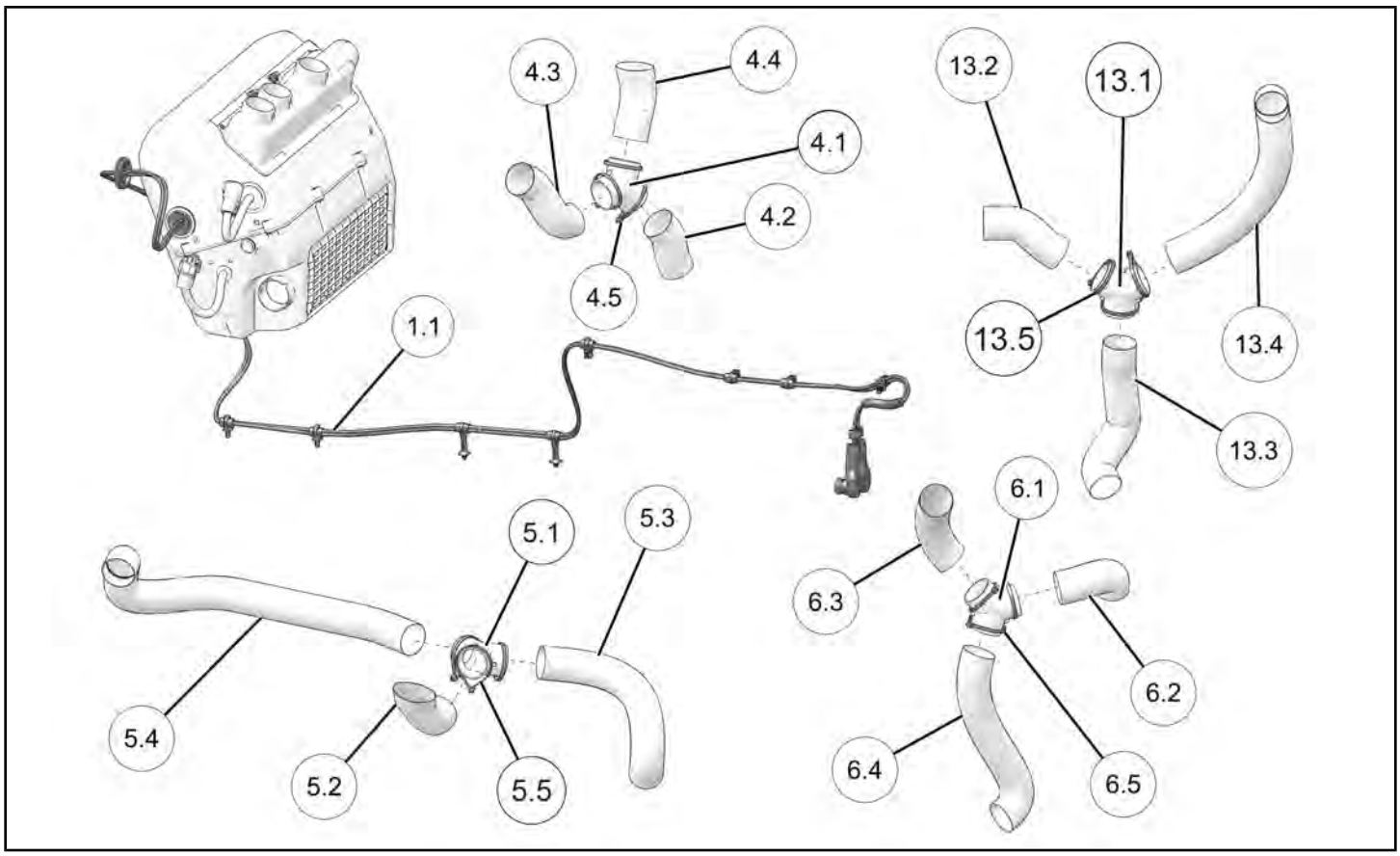
- *High Voltage Busbar Kit*, P/N 2889667

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

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

KIT CONTENTS



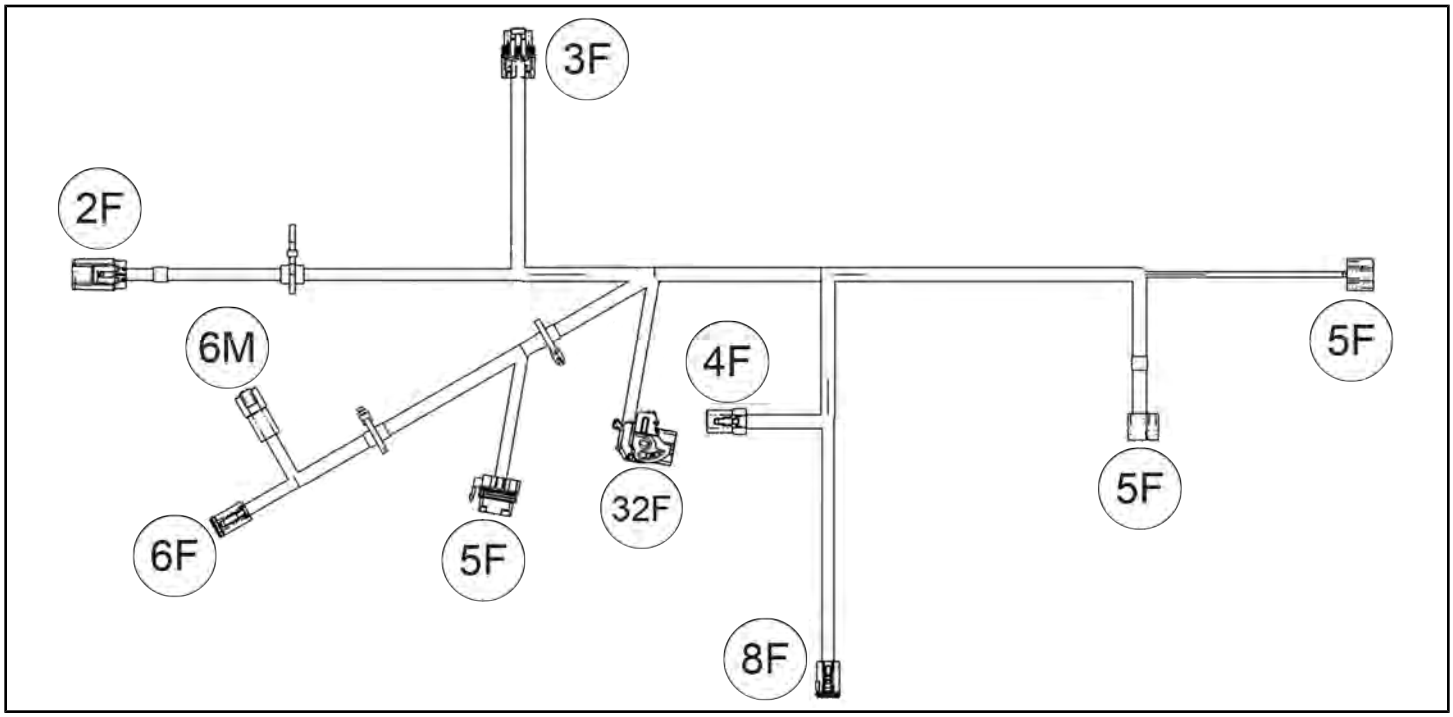


REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Main Heater Accessory	2638629
1.1	1	– Heater, High-voltage Power Harness	4080618
2	1	Control, Heater	2416443
3	1	Manifold, Air Distributor, HVAC	5453899
4	1	Duct, Dash, Center, Right	2636687
4.1	1	– Duct, Hose Y-connector	5452894
4.2	1	– Duct, Heater	8360466–120
4.3	1	– Duct, Heater	8360166–165
4.4	1	– Duct, Heater	8360166–200
4.5	3	– Cable Tie, 10–102 mm	7080761
5	1	Duct, Dash, Center, Left	2636686
5.1	1	– Duct, Hose Y-connector	5452894
5.2	1	– Duct, Heater	8360166–150
5.3	1	– Duct, Heater	8360166–375
5.4	1	– Duct, Heater	8360166–625
5.5	3	– Cable Tie, 10–102 mm	7080761
6	1	Duct, Dash, Left	2636684
6.1	1	– Duct, Hose Y-connector	5452894
6.2	1	– Duct, Heater	8360166–185
6.3	1	– Duct, Heater	8360166–205
6.4	1	– Duct, Heater	8360166–610
6.5	3	– Cable Tie, 10–102 mm	7080761
7	6	Vent, Round	5452877
8	2	Vent, Defrost	5453900
9	2	Screw, Torx®, #10–1/2 in	7519091
10	2	Screw, Flange Head, M6 x 1.0 x 20 mm	7518529
11	1	Bracket, HVAC Unit Mount	n/a
12	2	Nut, M6 x 1.0 mm	7547339
13	1	Duct, Dash, Right	2636685
13.1	1	– Duct, Hose Y-connector	5452894
13.2	1	– Duct, Heater	8360166–190
13.3	1	– Duct, Heater	8360166–320
13.4	1	– Duct, Heater	8360166–450
13.5	3	– Cable Tie, 10–102 mm	7080761
14	1	Foam, Heater Seal	5815295

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
15	1	Cover, Bin, HVAC	n/a
16	1	Heater ATM	4081431
17	1	Hose, Fresh Air	5416208
18	1	Support, Filter	5453415
19	1	Clamp, Narrow Band	7080707
20	1	Air Box Filter Assembly	1262218
21	1	Plug, Small	5144911
22	3	Screw, Torx®, #10–3/4 in	7512026
23	4	Washer, .328 x 1.25 mm	7555716
24	4	Nut, M8 x 1.25 mm	7547332
25	1	Harness, Heater, EV (not shown)	2416379
26	30	Cable Tie, 10–102 mm (not shown)	7080761
27	1	Template, Upper Dash Vent (not shown)	9940923
28	1	Heater Operation Information Sheet (not shown)	9941207

HARNESS DETAIL

HEATER HARNESS ㉕



REF	PART DESCRIPTION	CONNECTS TO
2F	Connector – Sealed, Black	Fuse Center
3F	Connector – Sealed, Black	Terminal Block
5F	Connector – Heater Control, Unsealed, Black	Heater Control

REF	PART DESCRIPTION	CONNECTS TO
5F	Connector – Blower Control, Unsealed, Black	Blower Control
8F	Connector – Standard, Gray	Heater Contactors
4F	Connector – Standard, Gray	Blower Motor
32F	Connector	ATM Controller 1
5F	Connector – Sealed, Black	ATM Controller 2
6F	Connector – Sealed, Gray	Connected Plug-in
6M	Connector – Standard, Sealed, Gray	Chassis Harness
Example: 16F = 16 pin, Female / 16M = 16 pin, Male (Male terminal fits inside female terminal)		

TOOLS REQUIRED

- Safety Glasses
- 00 Rated Safety Gloves with Leather Glove Protectors (PPE)
- Cutting Tool
- Center Punch
- Deburring Tool
- Drill
- Drill Bit:
  - 1/4 in (6 mm)
  - 5/16 in (8 mm)
  - 1 in (25.4 mm)
- Hole Saw:
  - 1 1/2 in (38 mm)
  - 21/2 in (64 mm)
- Multi-Meter
- Pliers, Push Pin Rivet
- Ruler
- Screwdriver, Slotted, Insulated
- Screwdriver Set, Torx®, Insulated
- Socket Set, Metric, Insulated
- Socket Set, SAE, Insulated
- Tape Measure
- **Special Service Tool:**
  - High Voltage A-Frame Sign (PPE) P/N PU-53209
  - High Voltage Test Harness, P/N 2416914

IMPORTANT

Your Heater 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

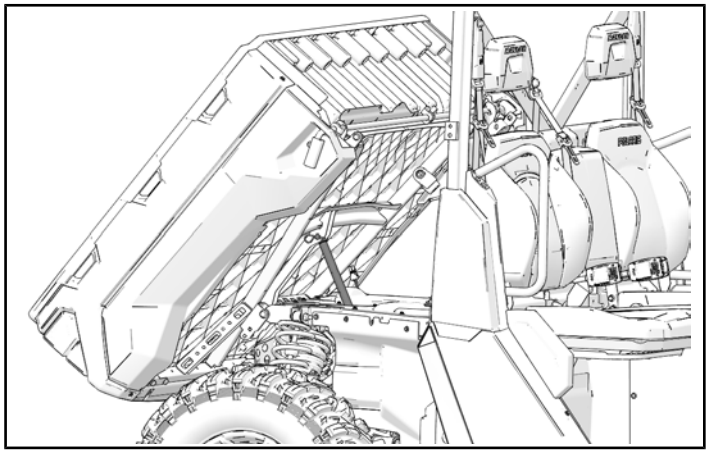
GENERAL

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.

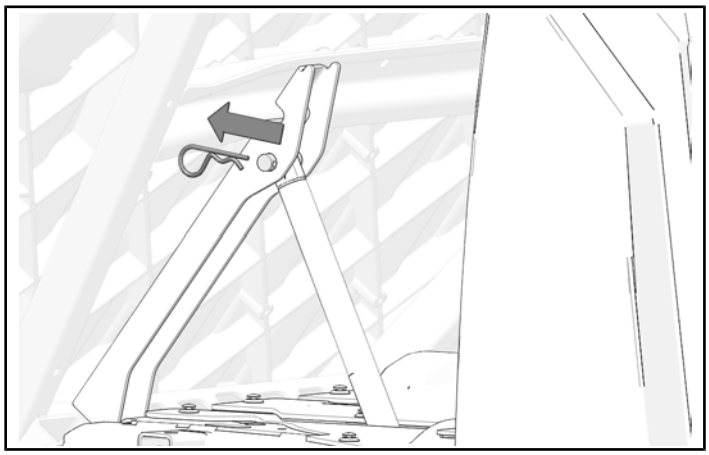
DISCONNECT SHOCK FROM CARGO BOX

NOTICE
Parts of vehicle have been hidden for clarity.

1. Lift cargo box into dump position.



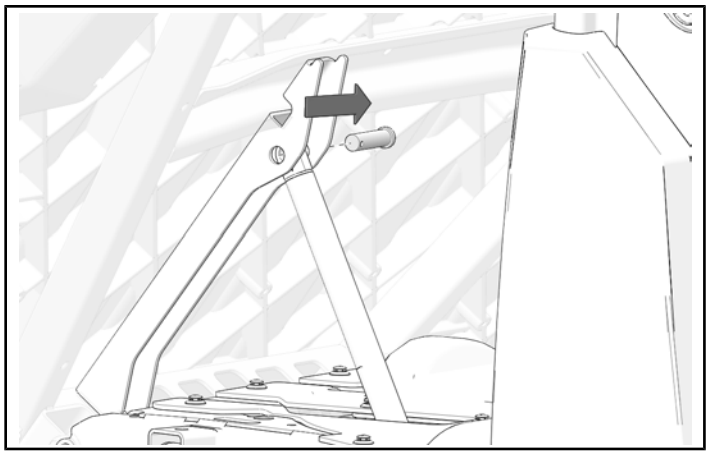
2. Remove and keep hairpin clip from shock attached to cargo box.



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

IMPORTANT

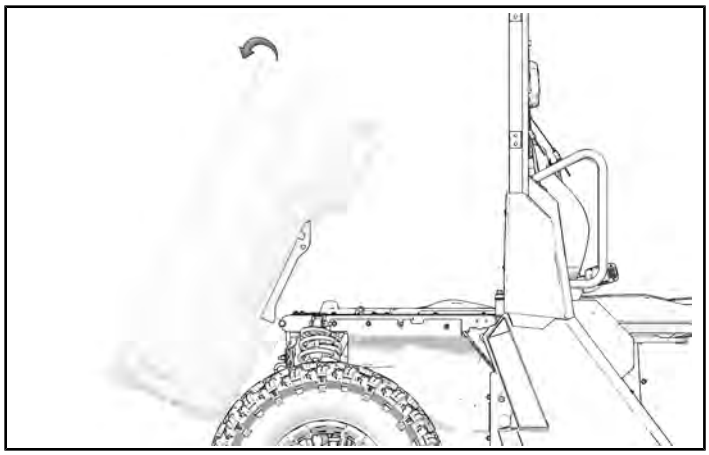
Hold cargo box while removing clevis pin to prevent cargo box from falling.



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

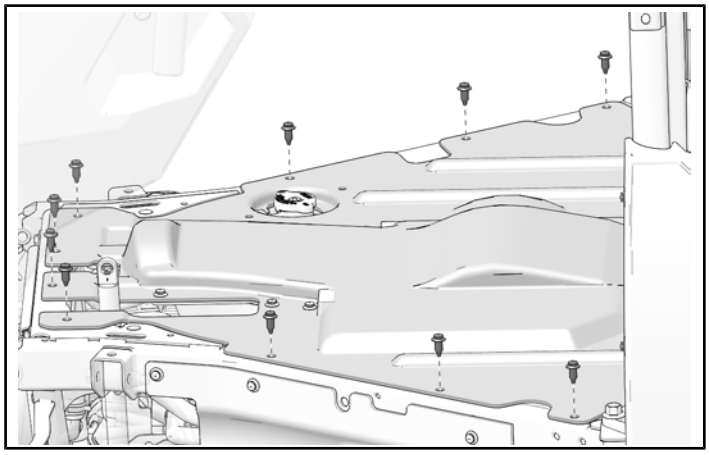
NOTICE

Cargo box hidden for clarity.

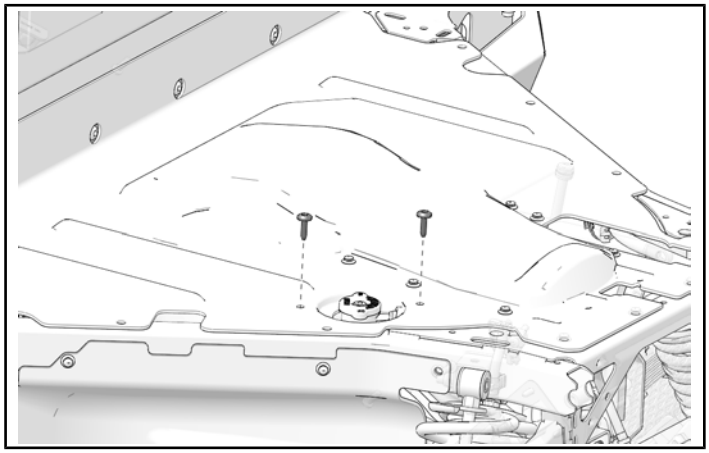
1. Remove and keep ten push-pin rivets from rear close-off panel.

IMPORTANT

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

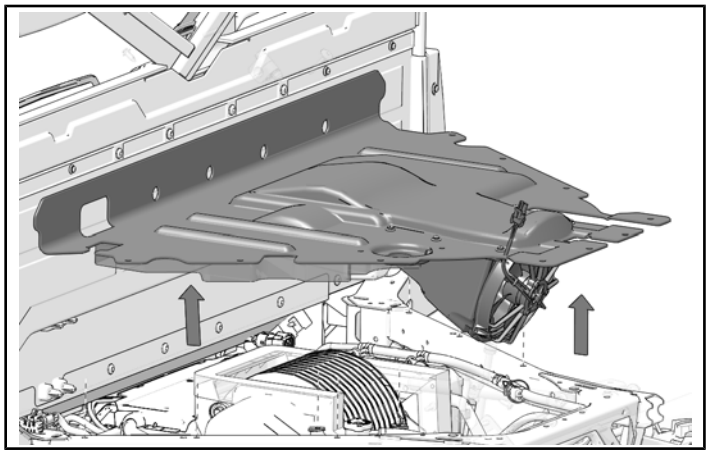


2. Remove and keep two screws from rear close-off panel.



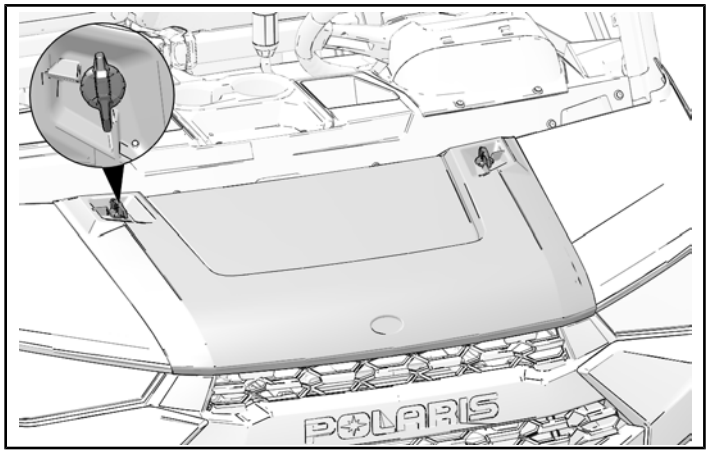
3. Carefully lift up close-off panel and disconnect fan.

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



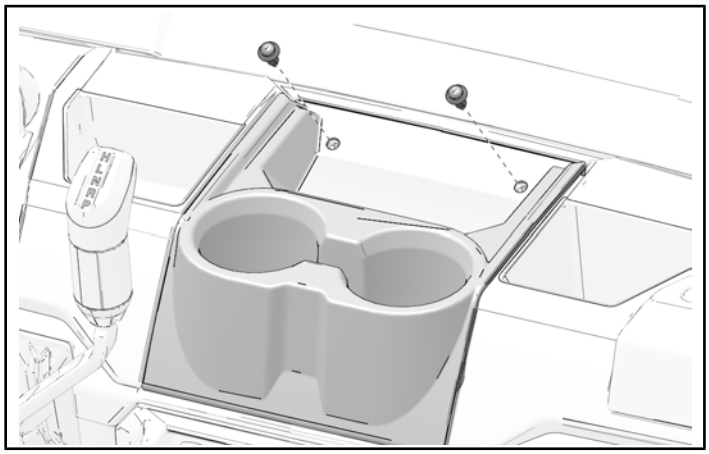
HOOD REMOVAL

1. Turn two quarter-turn fasteners to unlock position to remove hood from vehicle.

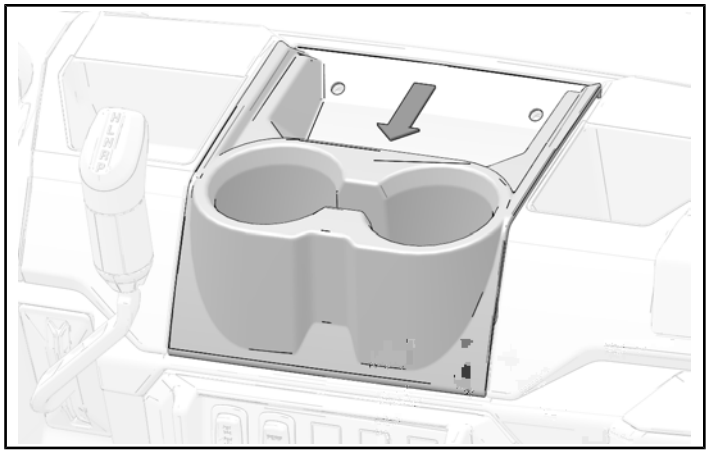


CUP HOLDER REMOVAL (IF EQUIPPED)

1. Remove two push-pin rivets from cup holder.

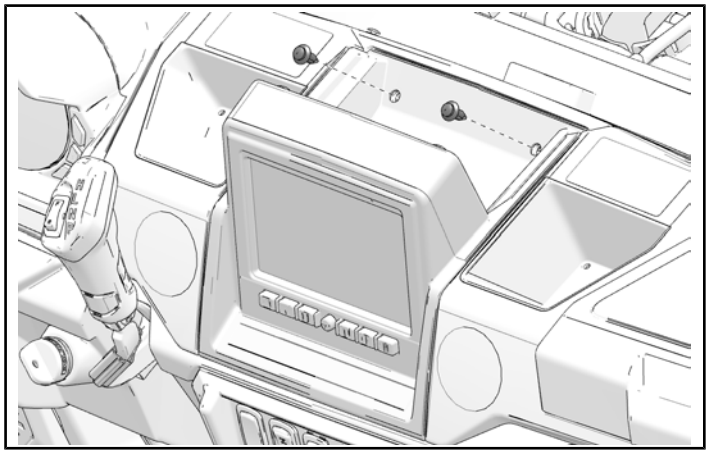


2. Remove cup holder from dashboard.

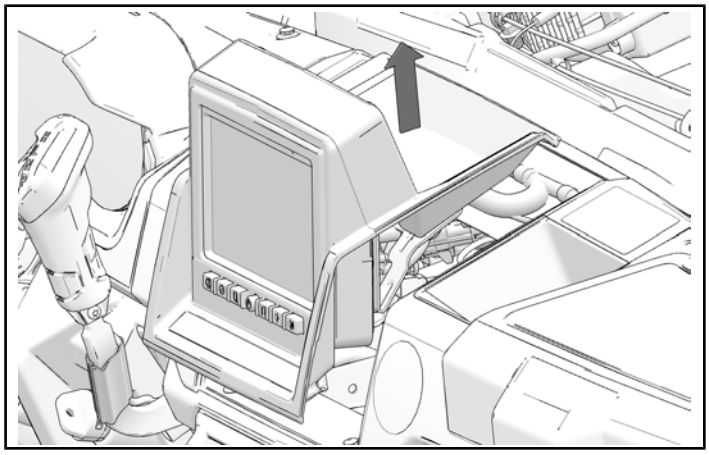


RIDE COMMAND ASSEMBLY REMOVAL (IF EQUIPPED)

1. Remove and keep two push-pin rivets from Ride Command display bezel.

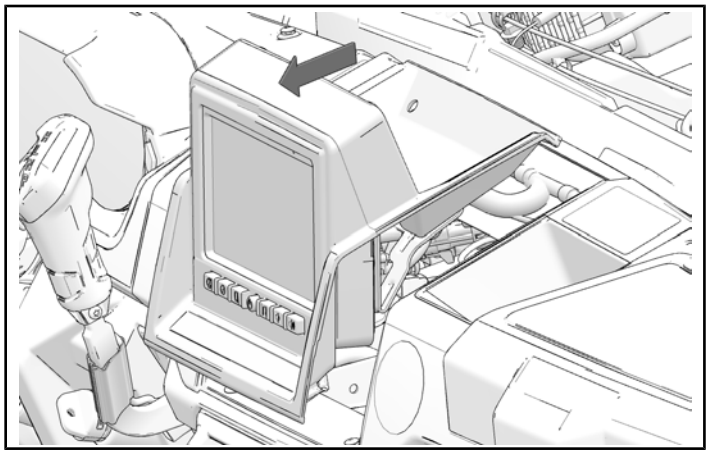


2. Lift Ride Command display bezel up out of upper dash.



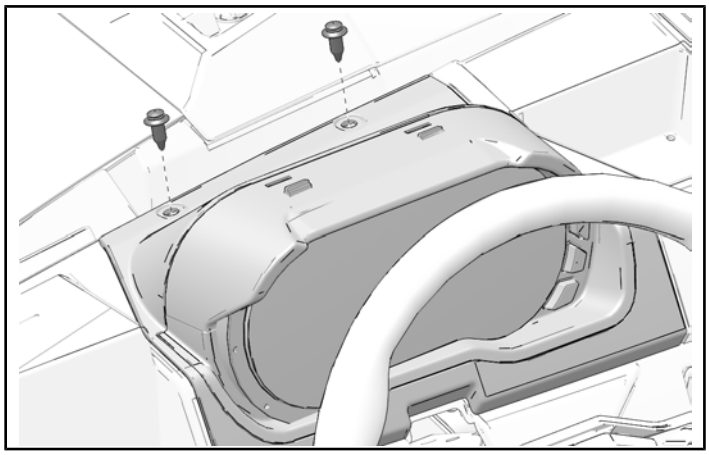
3. Disconnect all Ride Command connectors.

4. Remove Ride Command from upper dash and set aside.

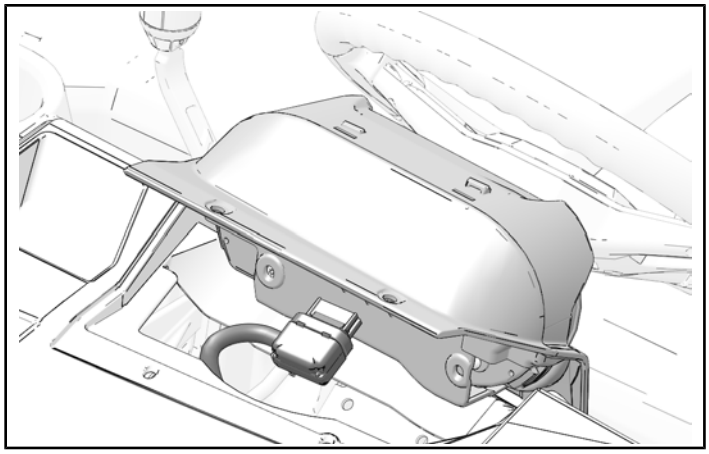


INSTRUMENT CLUSTER REMOVAL

1. Remove two push-pin rivets from instrument cluster bezel.

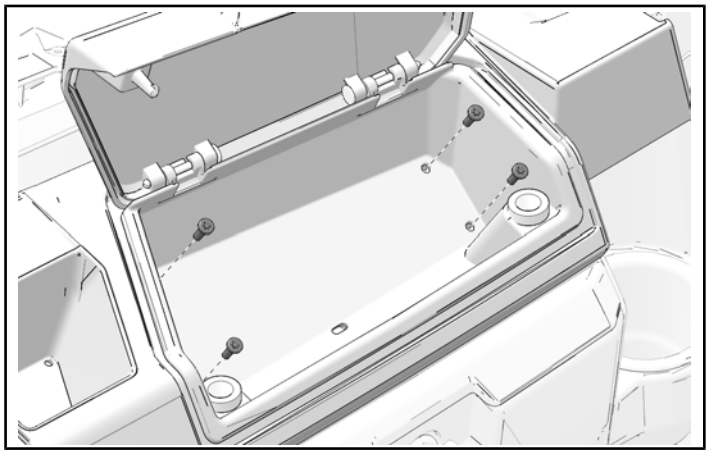


2. Remove the instrument cluster by pulling straight out towards the steering wheel.

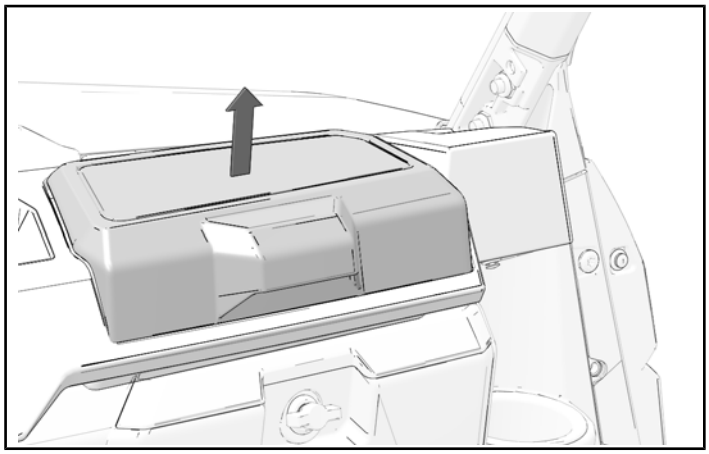


DASHBOARD STORAGE REMOVAL

1. Open dashboard storage compartment
2. Remove four screws from inside storage compartment.

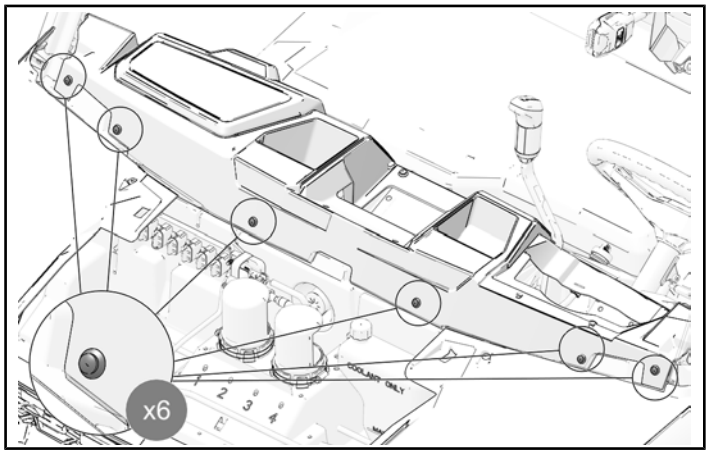


3. Remove dashboard storage compartment from dashboard.

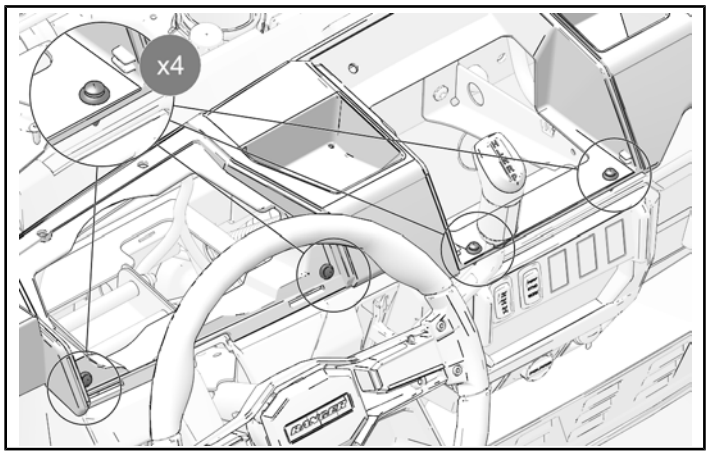


UPPER DASHBOARD REMOVAL

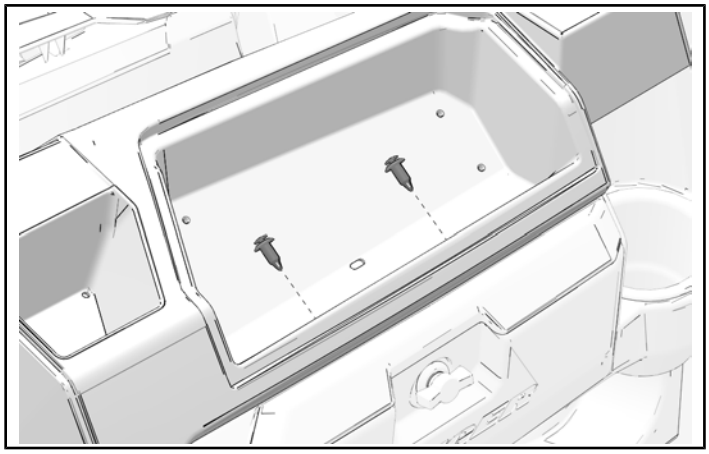
1. Remove and keep six push-pin rivets from front of upper dashboard.



2. Remove and keep four push-pin rivets from driver's side of upper dashboard.

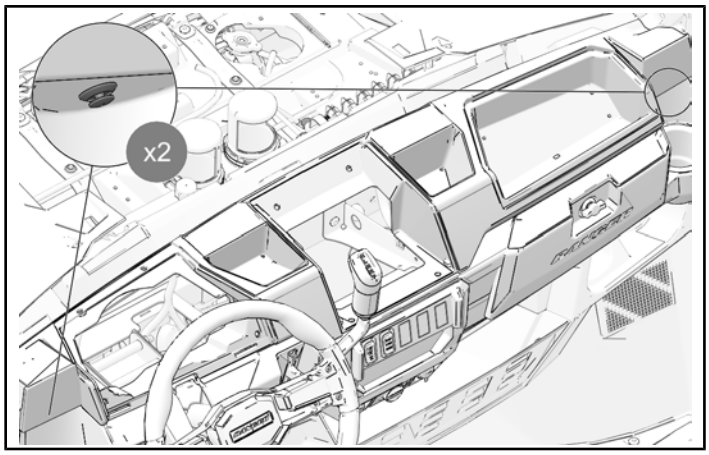


3. Remove and keep two push-pin rivets from passenger's side of upper dashboard.

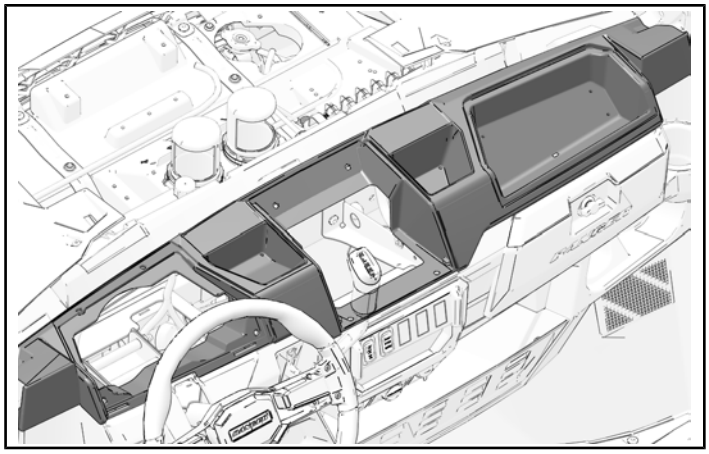


4. Remove and keep two push-pin rivets from underside of upper dashboard.

TIP
Push-pin rivets are located above side cup holders.

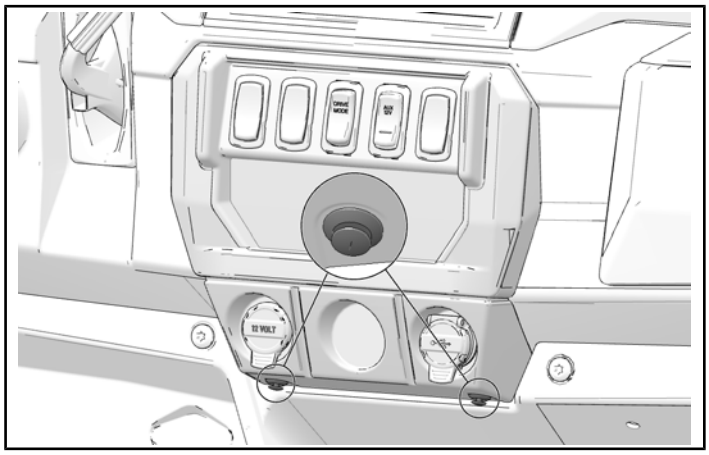


5. Remove upper dashboard from vehicle.

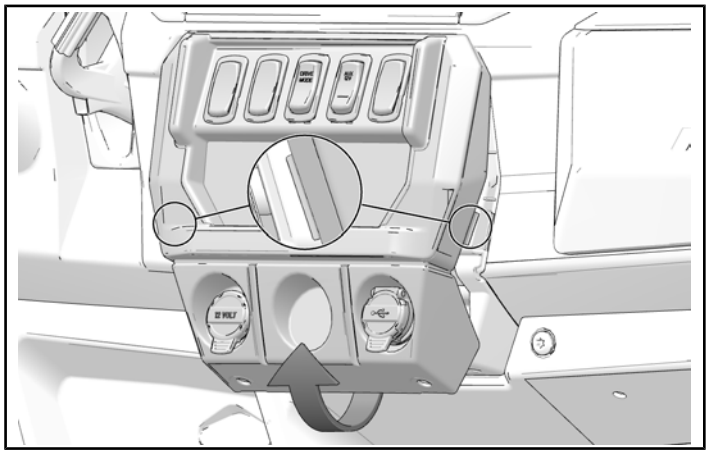


CONTROL PANEL REMOVAL

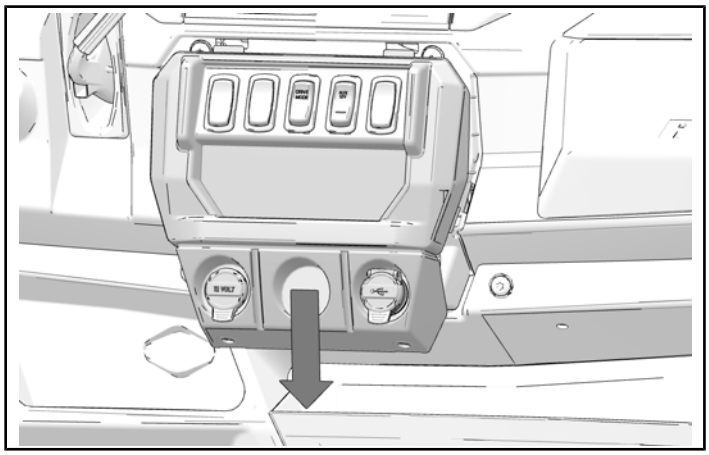
1. Remove and keep two push-pin rivets from bottom of control panel.



2. Pull bottom of control panel rearward to disengage two side tabs on the control panel from the main dash panel.



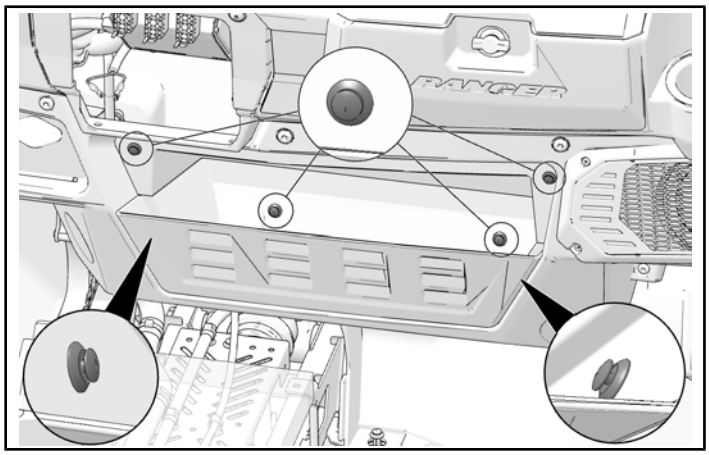
3. Pull control panel down to disengage two upper tabs on the control panel from the main dash panel.



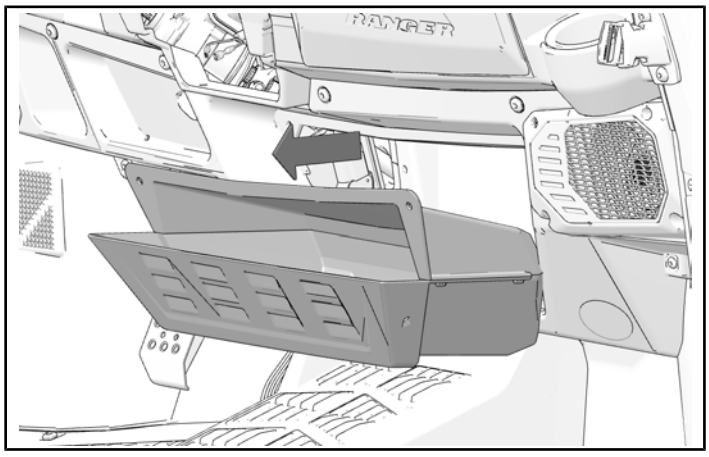
4. Label and disconnect electrical harnesses from switches, sockets, or other devices installed on control panel.

LOWER STORAGE BIN REMOVAL

1. Remove and keep six push-pin rivets.

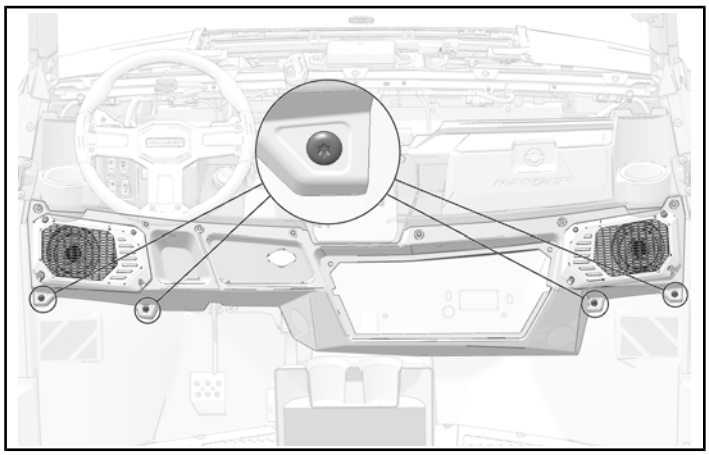


2. Remove storage bin. Storage bin will not be reinstalled.

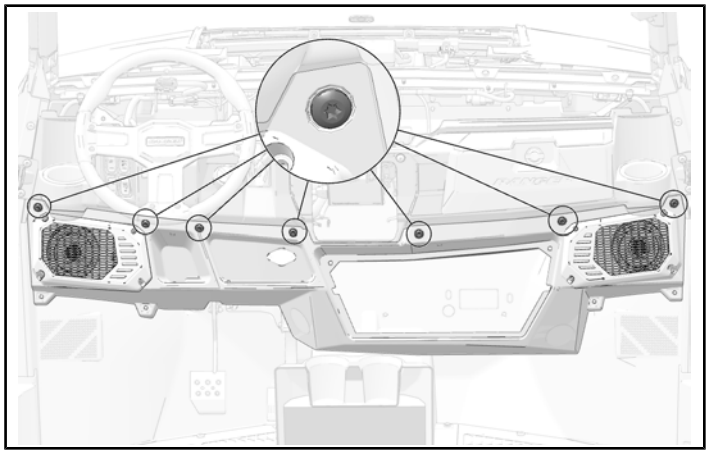


LOWER DASH REMOVAL

1. If equipped, disconnect electrical harnesses from lower dash panel.
2. Remove and keep four screws from bottom of lower dash panel.



3. Remove and keep seven screws from lower dash panel.

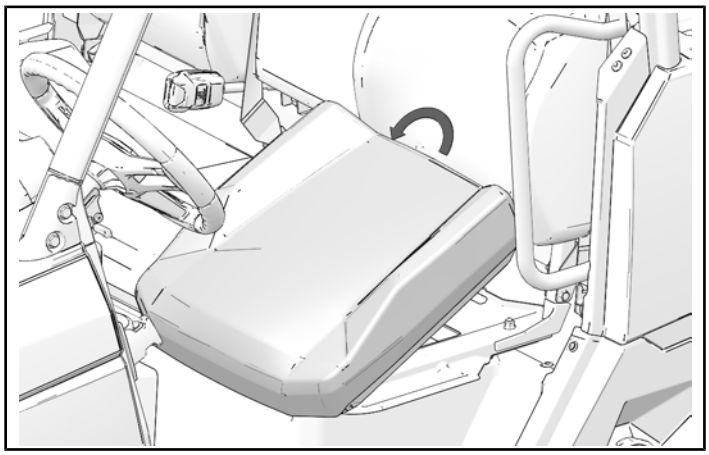


4. Carefully remove lower dash and set aside.

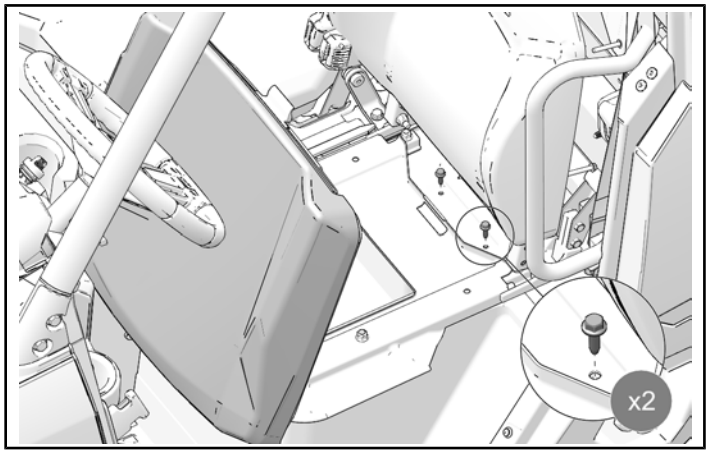
UNDERSEAT STORAGE BIN ACCESS AND SEAT REMOVAL

DRIVER SIDE SEAT

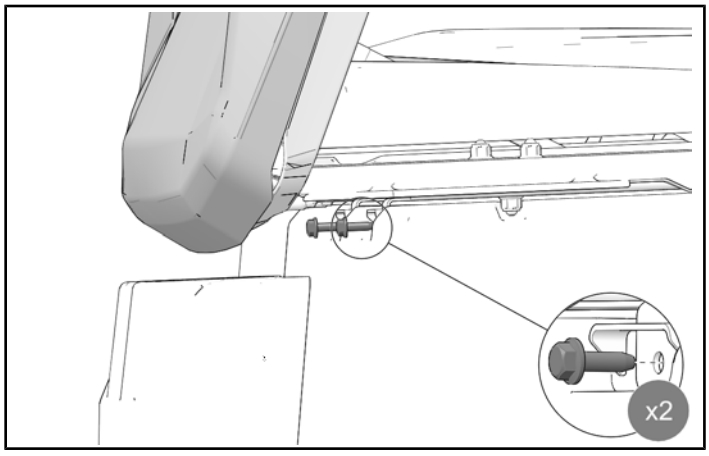
1. Lift seat up



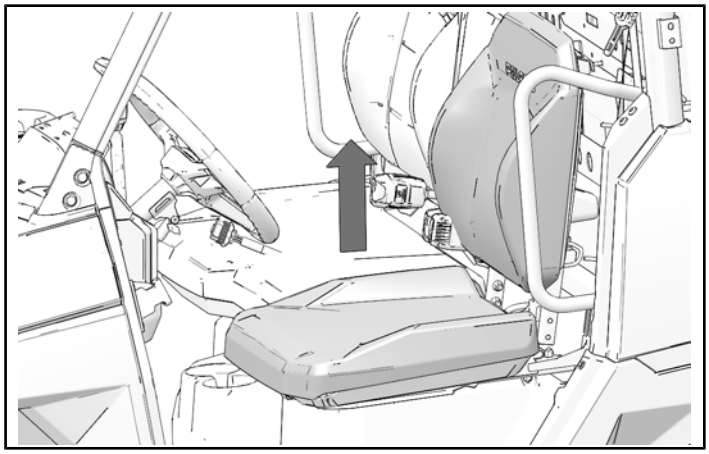
2. Slide seat forward to access underseat screws. Remove and keep two screws.



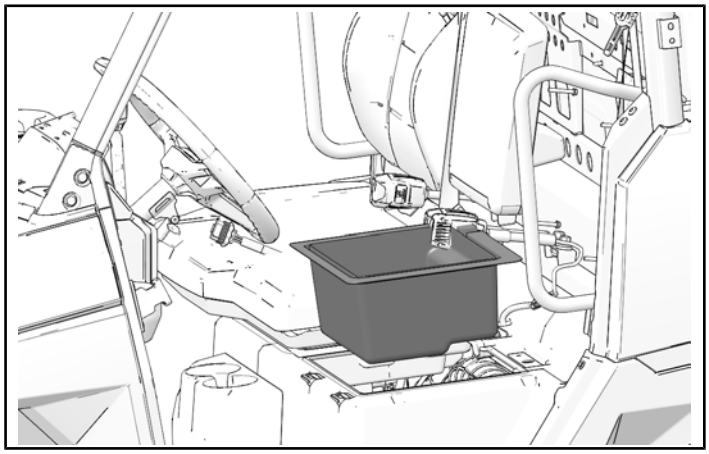
3. In front of the seat, locate two screws. Remove and keep two screws.



4. Lift up seat by the edges to remove.

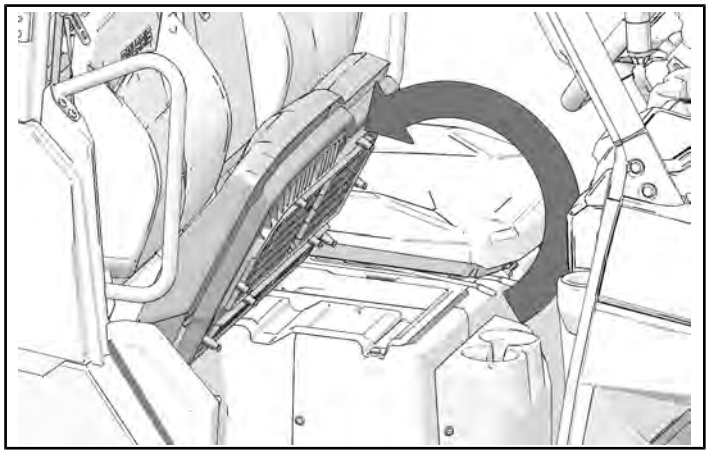


5. If equipped, remove and keep underseat storage bin.

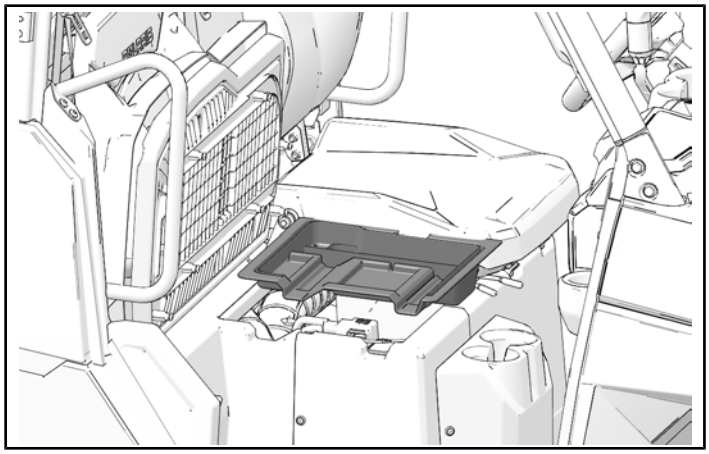


PASSENGER SIDE SEAT

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



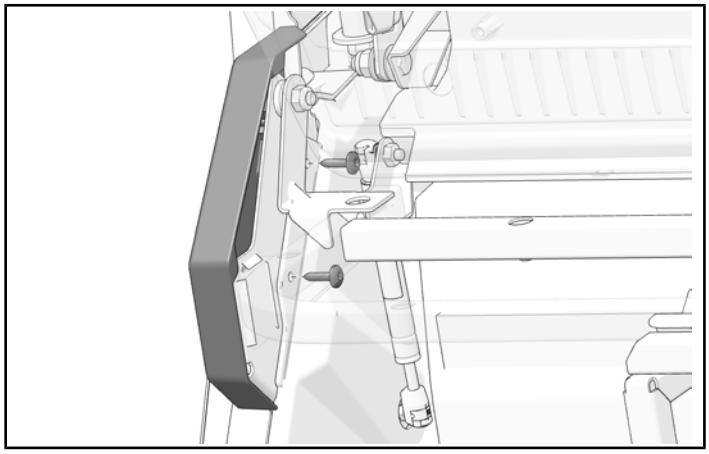
2. Remove and keep underseat storage bin.



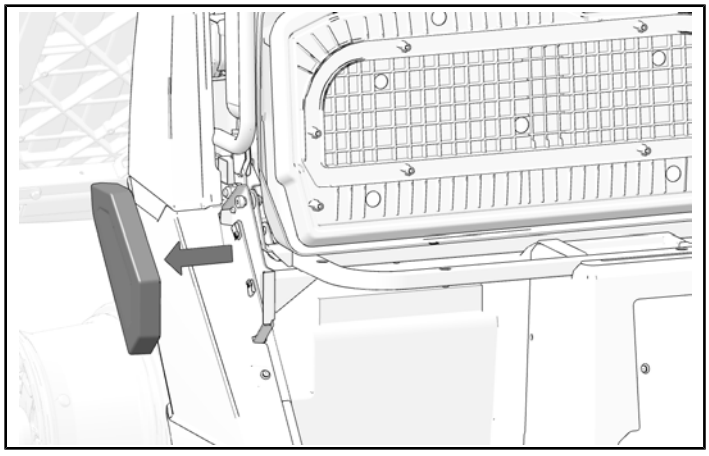
PASSENGER SEAT PIVOT COVER REMOVAL

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.

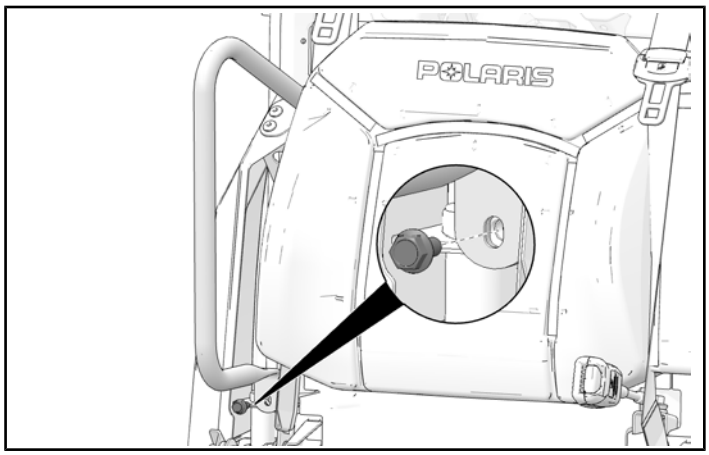


PASSENGER UPPER SIDE PANEL REMOVAL

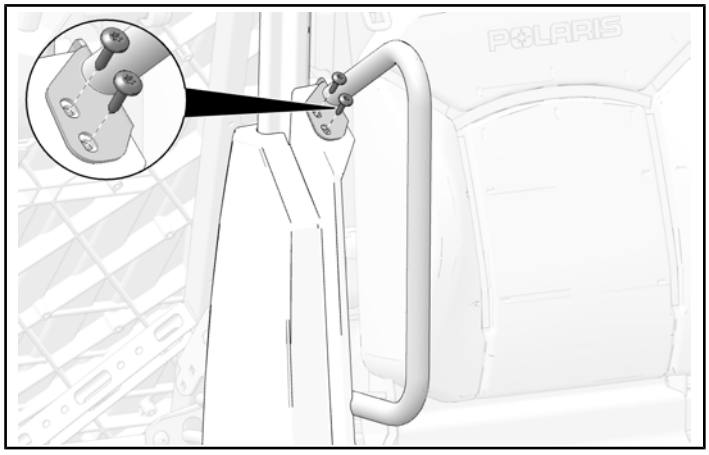
NOTICE
Parts of vehicle have been hidden for clarity.

BOLSTER REMOVAL

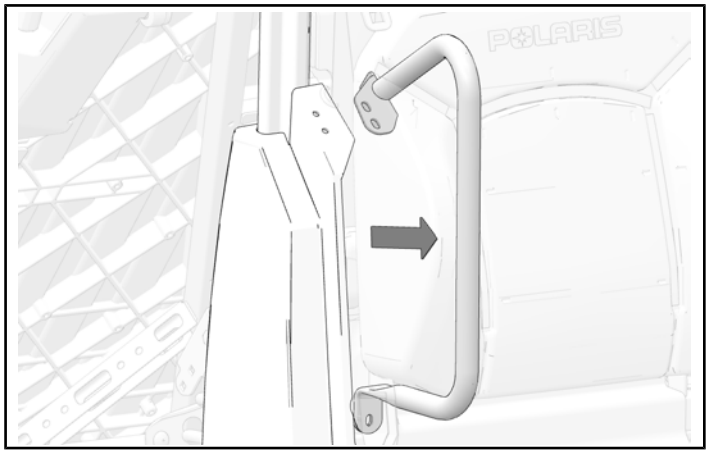
1. Remove and keep lower bolster bolt.



2. Remove and keep two upper bolster screws.

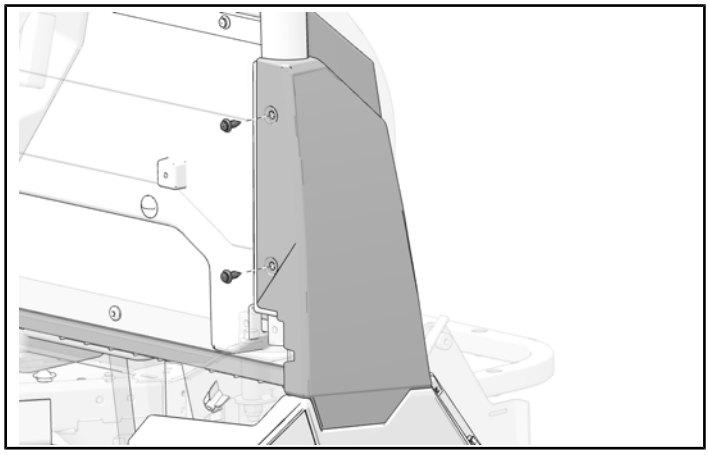


3. Remove bolster and set aside.

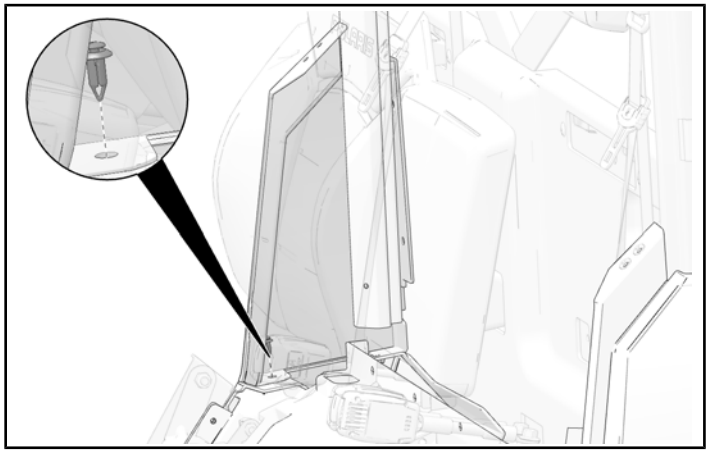


UPPER SIDE PANEL REMOVAL

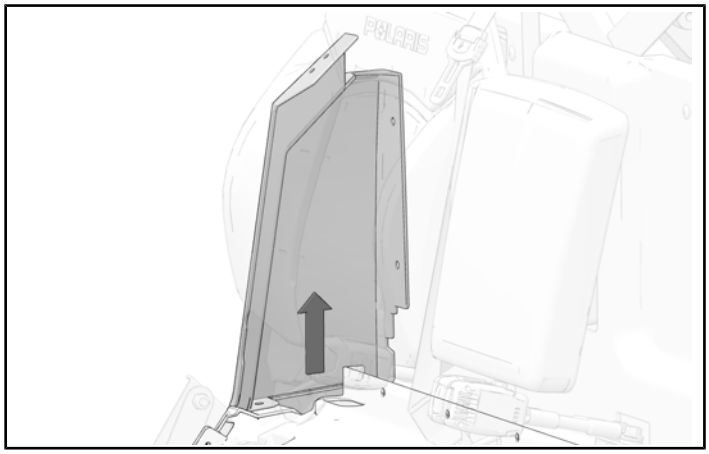
1. Remove and keep two push-pin rivets from upper side panel and rear close-off panel.



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

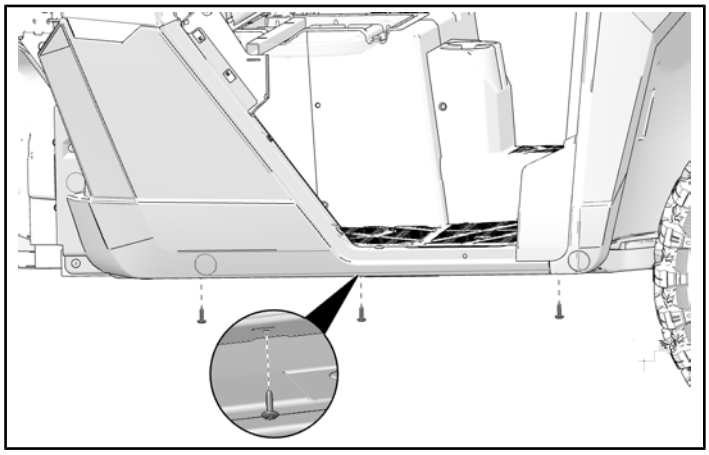


3. Remove upper side panel and set aside.

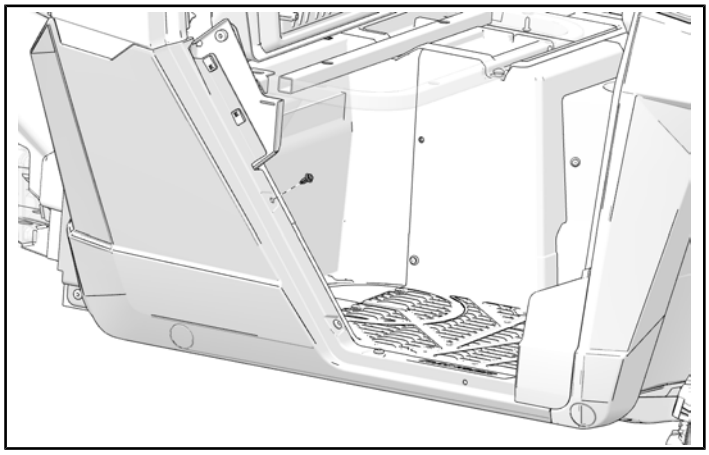


PASSENGER SIDE ROCKER PANEL REMOVAL

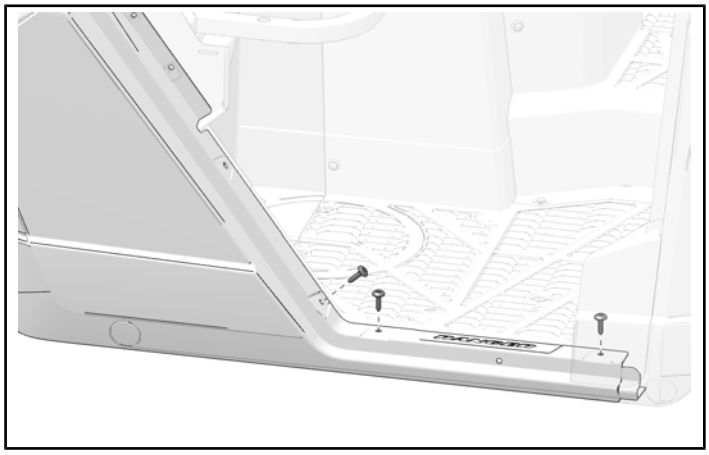
1. Remove and keep three screws from bottom edge of rocker panel.



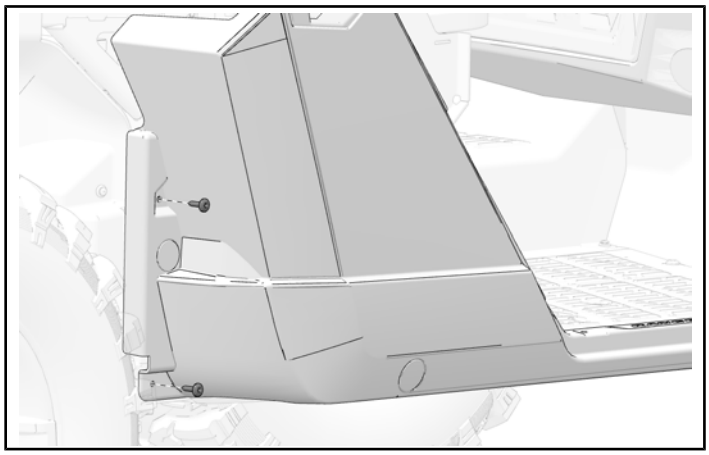
2. Remove and keep one push-pin rivet from door edge of the rocker panel.



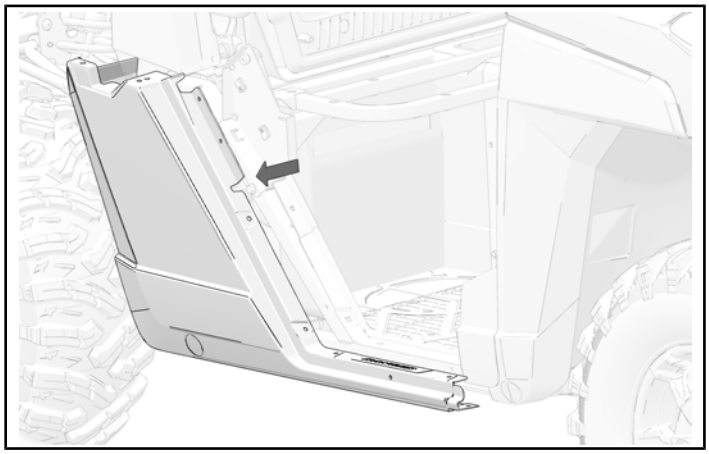
3. Remove and keep three screws from the door edge of the rocker panel.



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

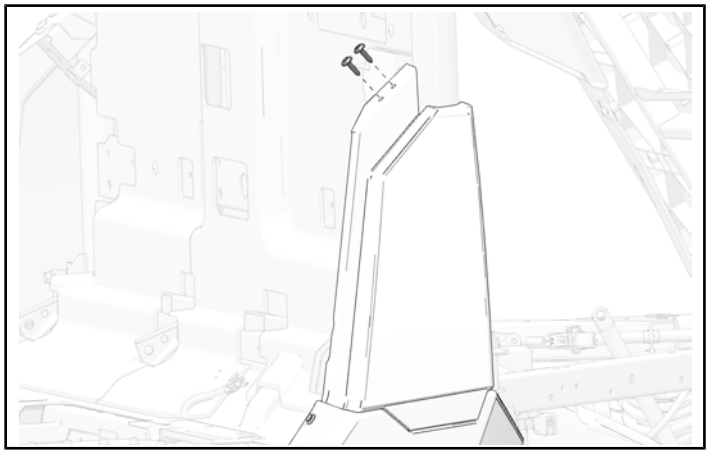


5. Remove rocker panel and set aside.

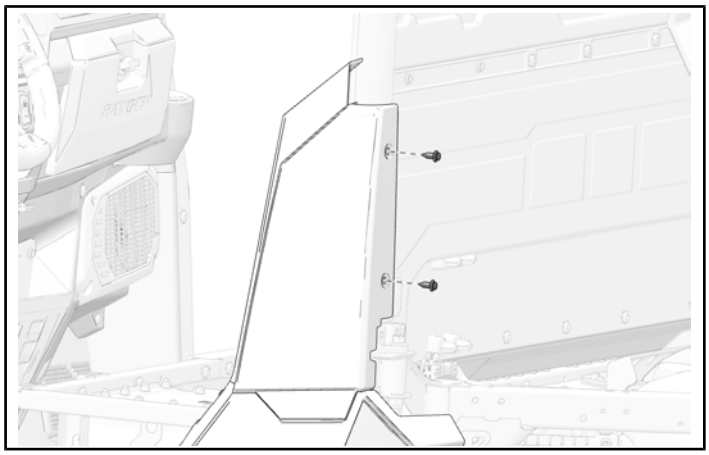


DRIVER SIDE UPPER SIDE PANEL REMOVAL

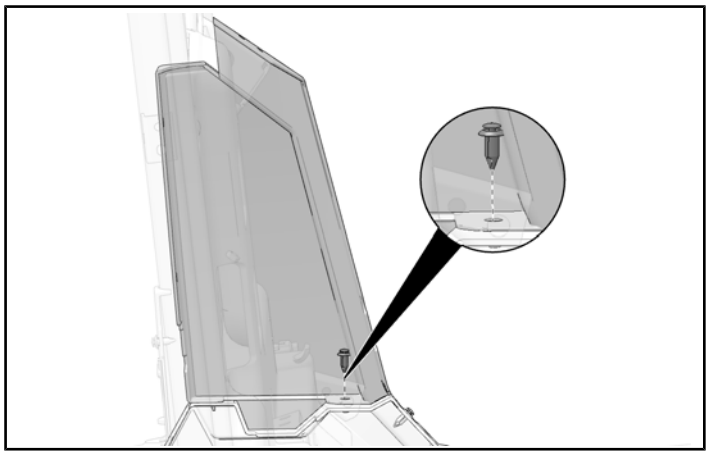
1. Remove and keep two upper side panel screws.



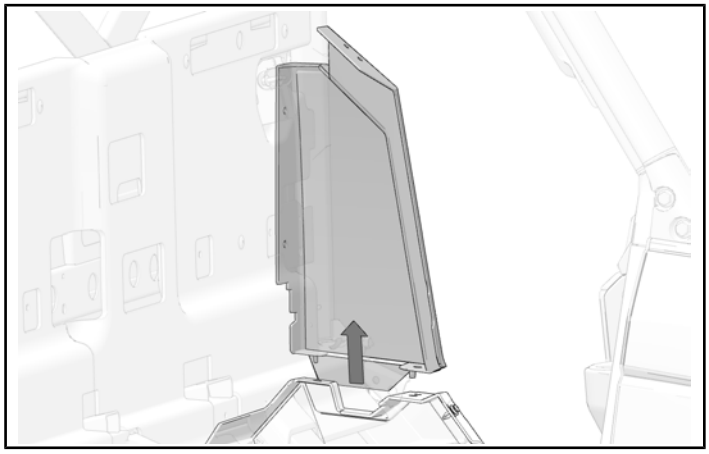
2. Remove and keep two push-pin rivets from upper side panel and rear close-off panel.



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

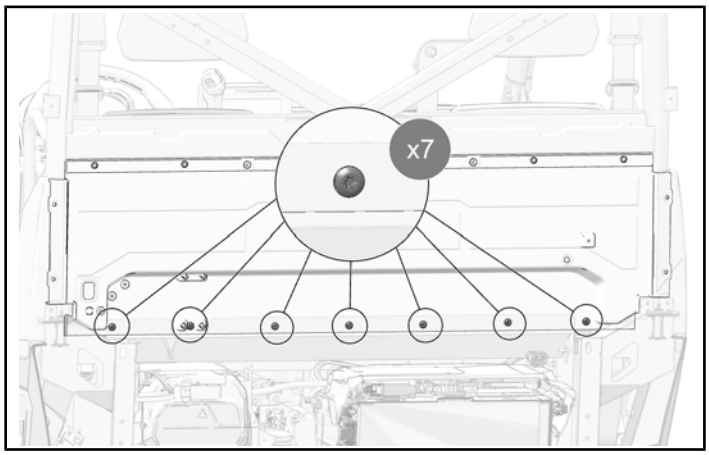


4. Lift upper side panel up and off of vehicle. Set upper side panel aside.

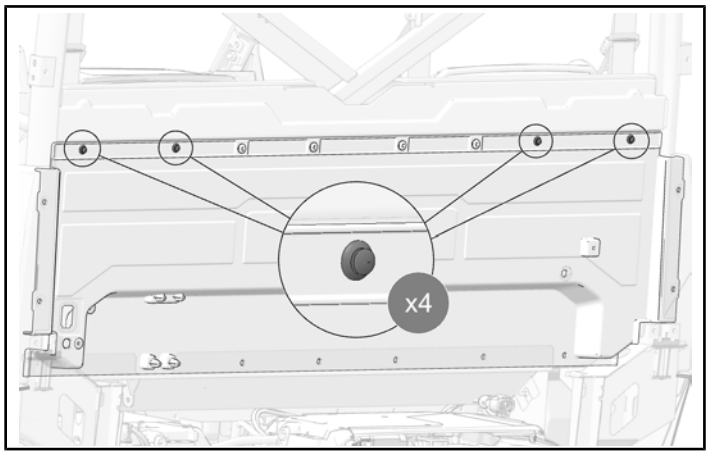


REAR CLOSE-OFF PANEL REMOVAL

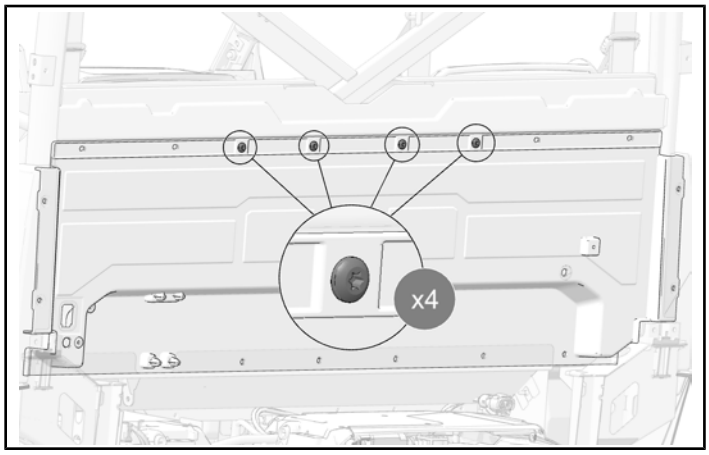
1. Remove and keep seven screws from bottom of rear close-off panel.



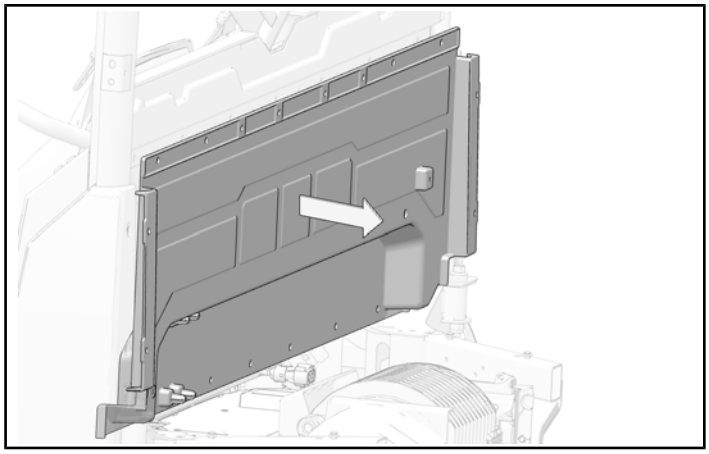
2. Remove and keep four push-pin rivets from top of rear close-off panel.



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



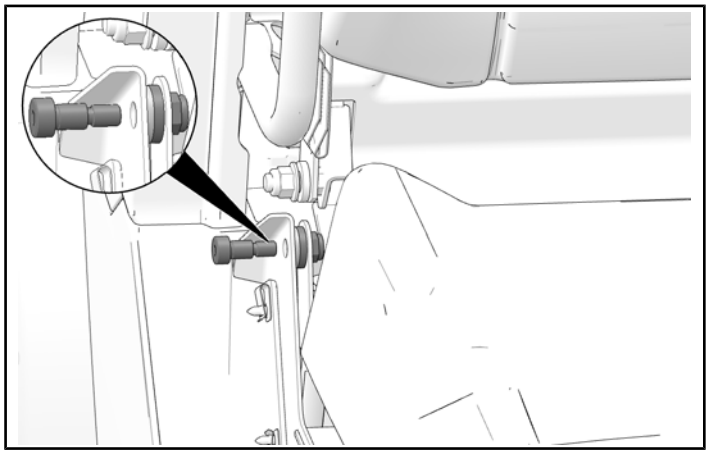
4. Remove rear close-off panel and set aside.



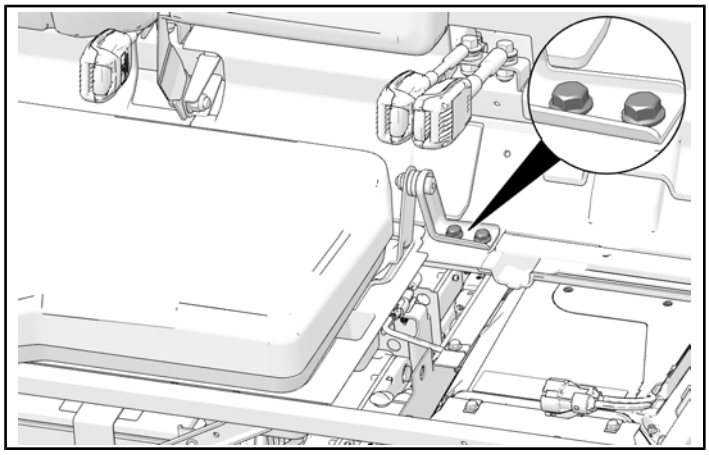
FRONT PASSENGER SEAT REMOVAL

NOTICE
Parts of vehicle have been hidden for clarity.

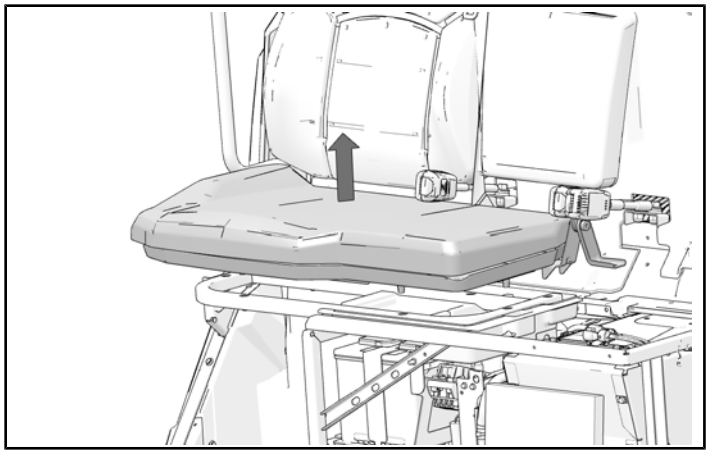
1. Remove and keep one bolt, one nut, and two washers from seat bracket.



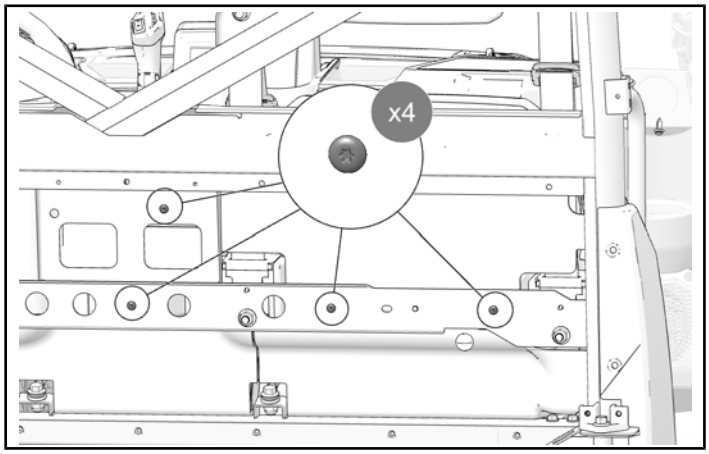
2. Remove and keep two bolts holding passenger seat to seat frame.



3. Remove passenger seat and set aside.

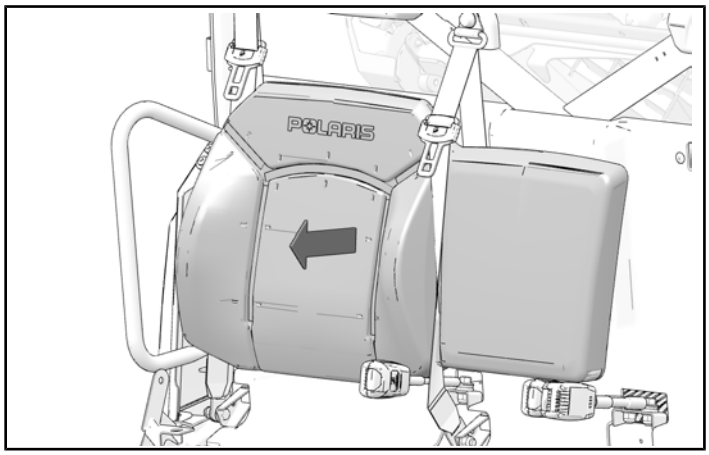


4. Remove and keep four screws holding seat backrest to vehicle frame.



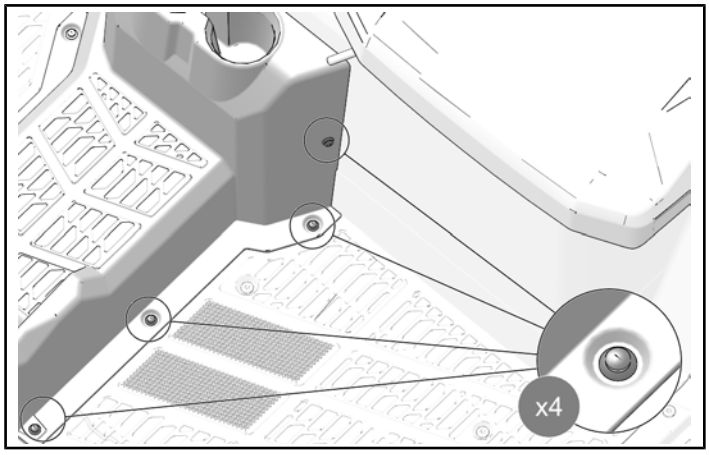
5. Remove seat backrest and set aside.

NOTICE
Move seatbelt around backrest to remove backrest from vehicle.

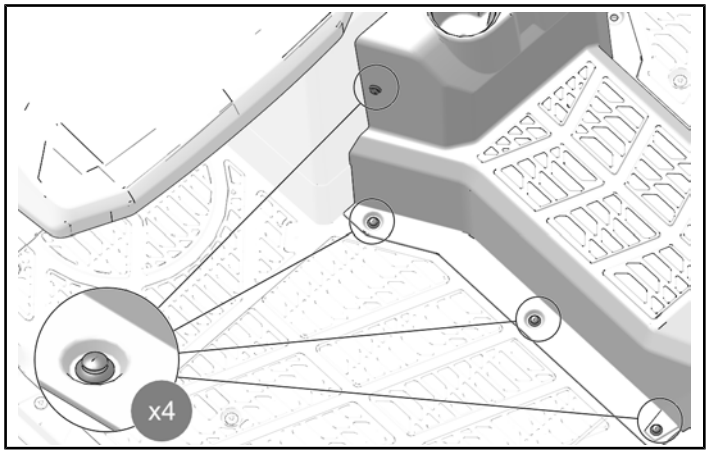


TUNNEL COVER REMOVAL

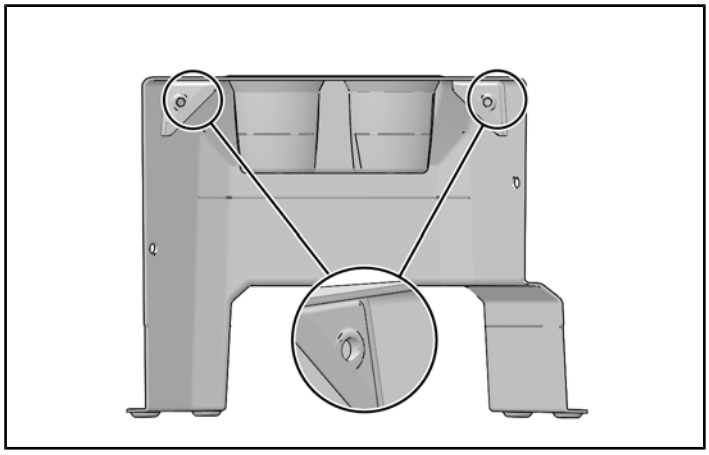
1. Remove and keep four push-pin rivets from tunnel cover.



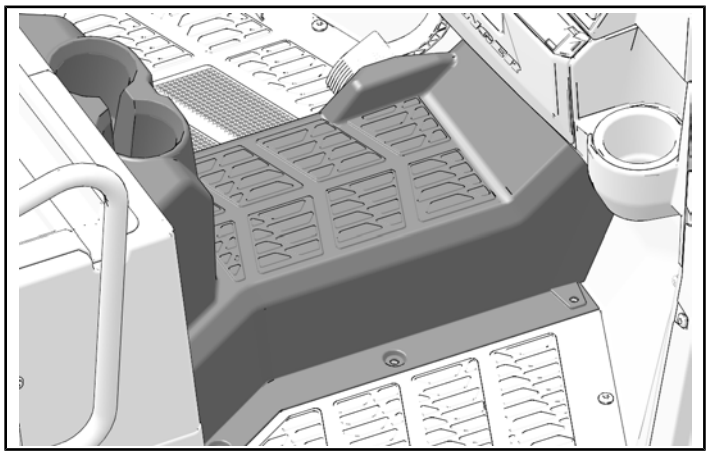
2. Remove and keep four push-pin rivets from tunnel cover.



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

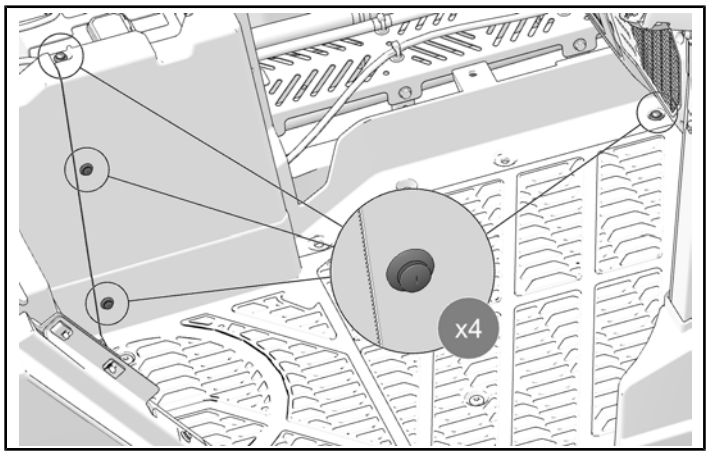


4. Remove tunnel cover from vehicle.

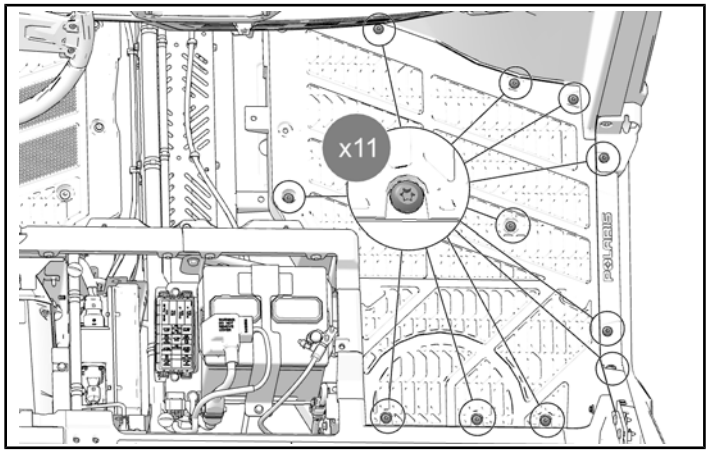


FRONT PASSENGER FLOOR REMOVAL

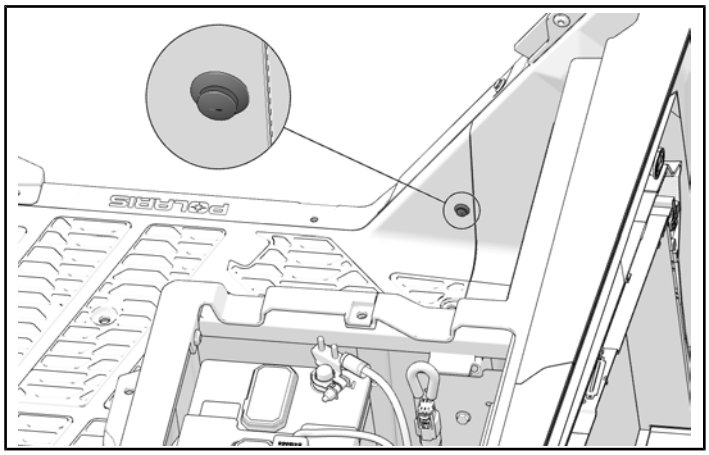
1. Remove and keep four push-pin rivets from floor panel.



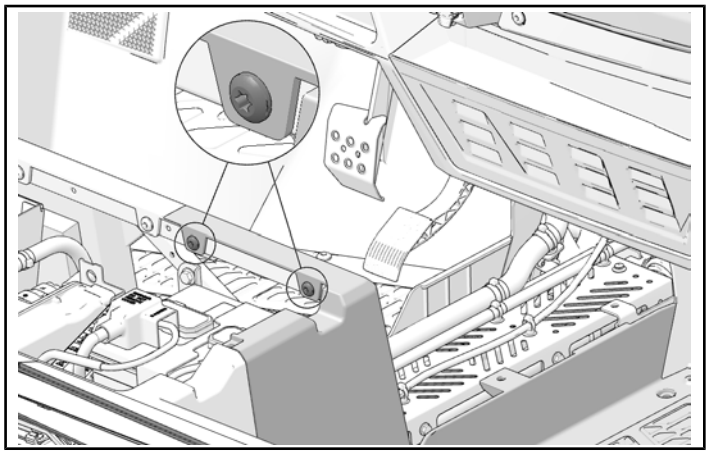
2. Remove and keep eleven screws from floor panel.



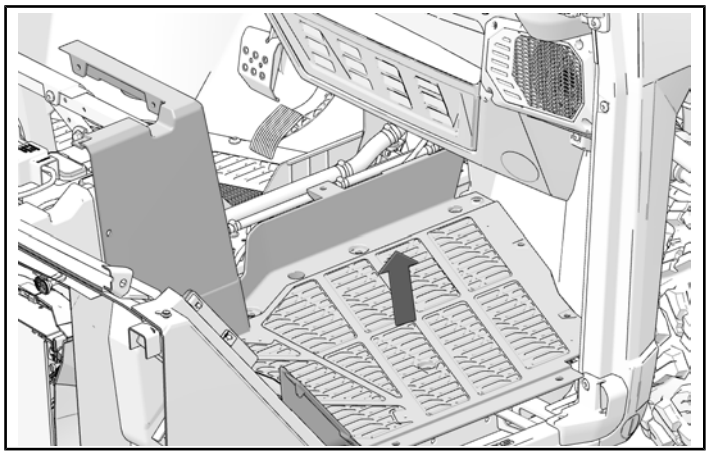
3. Remove and keep one push-pin rivet from side of floor panel.



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

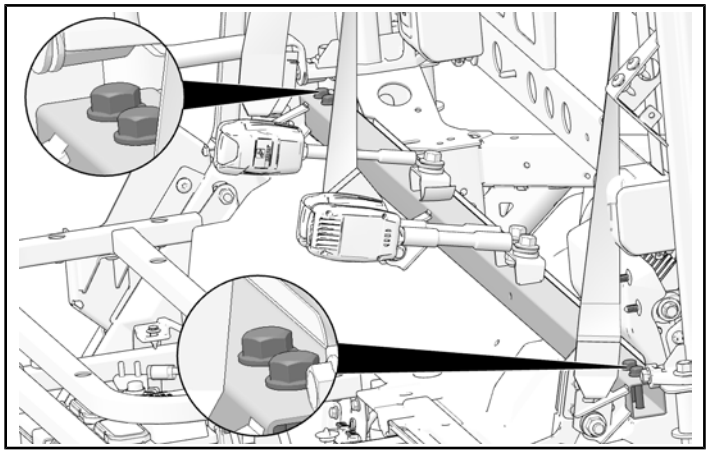


5. Remove floor panel and set aside.



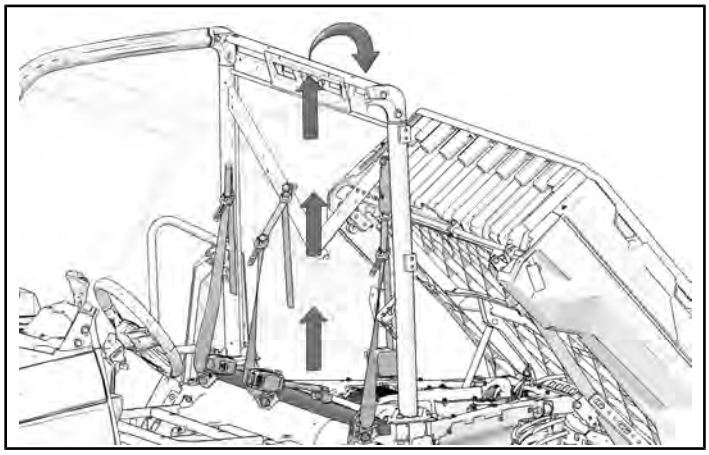
SEATBELT CROSSBAR REMOVAL

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



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

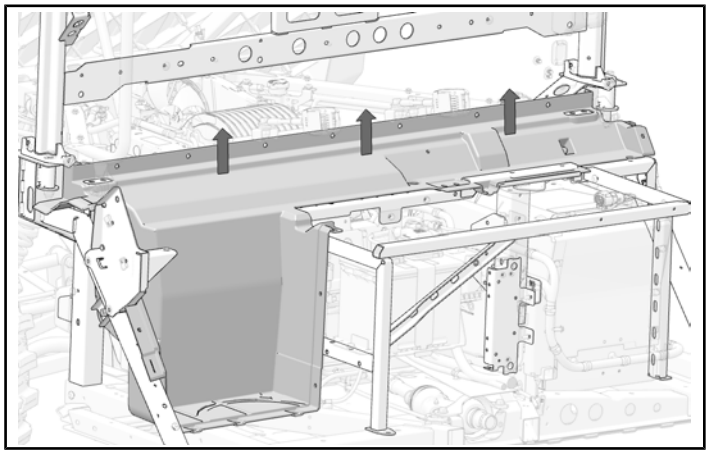
NOTICE
Seatbelts do not need to be removed from crossbar, the entire assembly will hang over upper ROPS.



LOWER CLOSE-OFF PANEL REMOVAL

NOTICE
Parts of vehicle have been hidden for clarity.

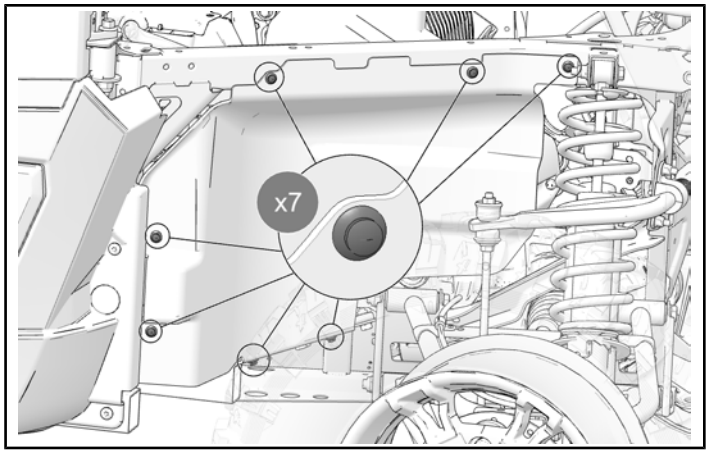
1. Make sure all fasteners have been removed. If not, remove and keep fasteners.
2. Lift lower close-off panel out of vehicle and set aside.



DUAL BATTERY MODELS ONLY

REAR FENDER REMOVAL

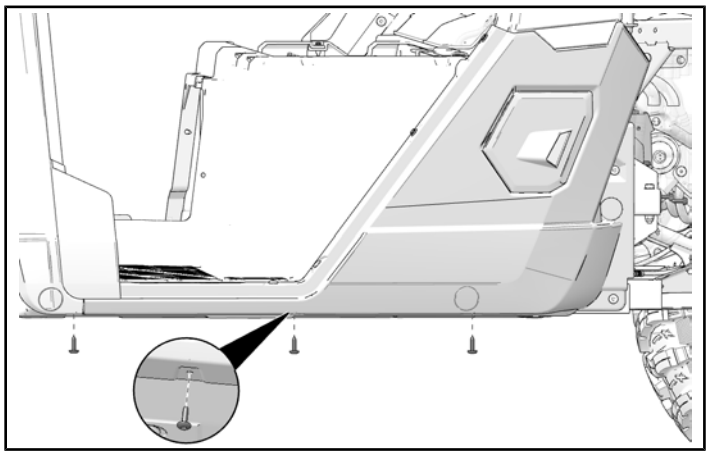
1. Remove and keep seven push-pin rivets from rear driver side fender.



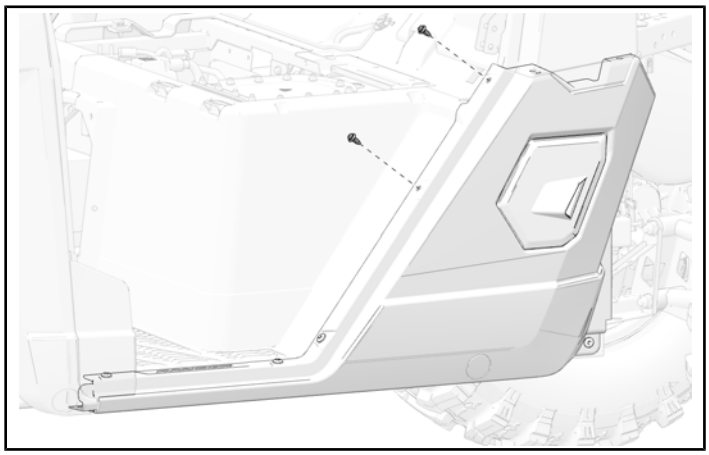
2. Remove fender and set aside.

DRIVER SIDE ROCKER PANEL REMOVAL

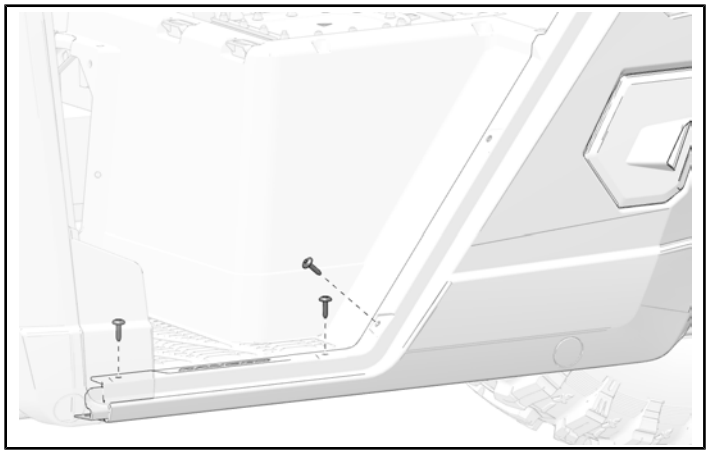
1. Remove and keep three screws from bottom edge of rocker panel.



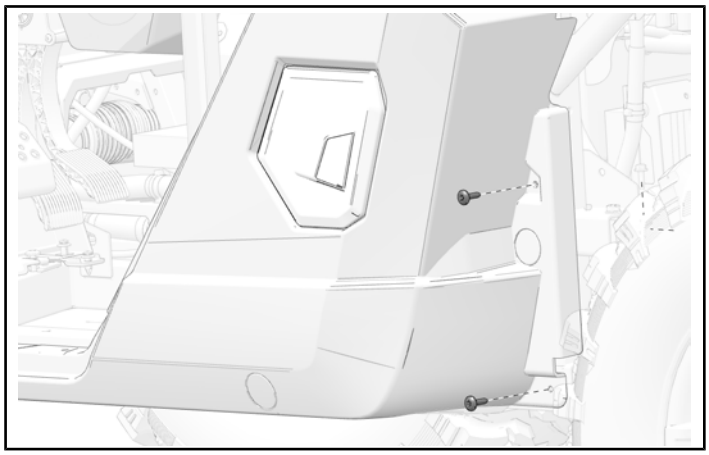
2. Remove and keep two push-pin rivets from door edge of the rocker panel.



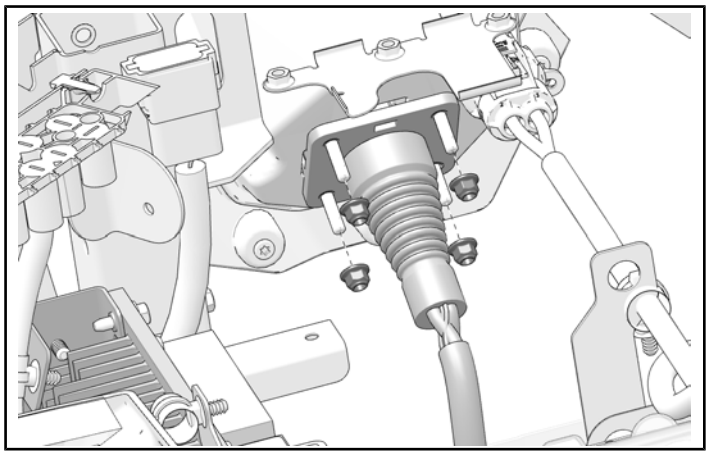
3. Remove and keep three screws from the door edge of the rocker panel.



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

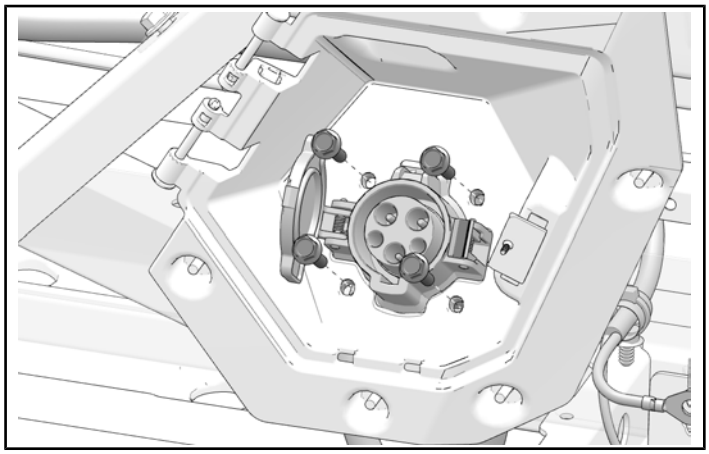


5. Pull side panel away from vehicle to access nuts. Remove and keep four nuts from charge port assembly.



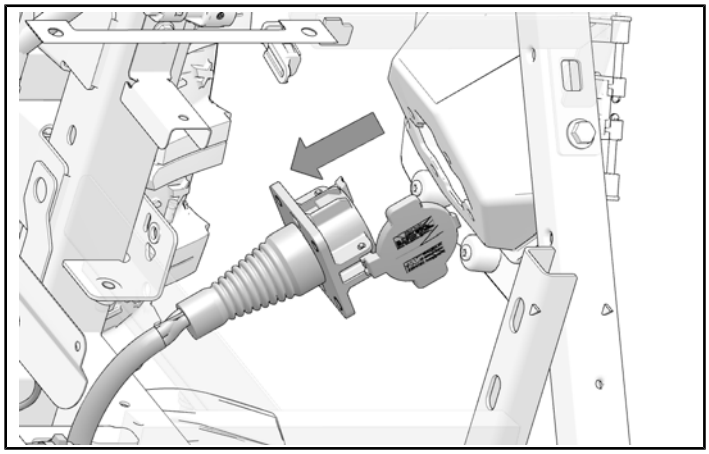
6. Open charge port cover. Remove and keep four screws from the charge port assembly.

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.

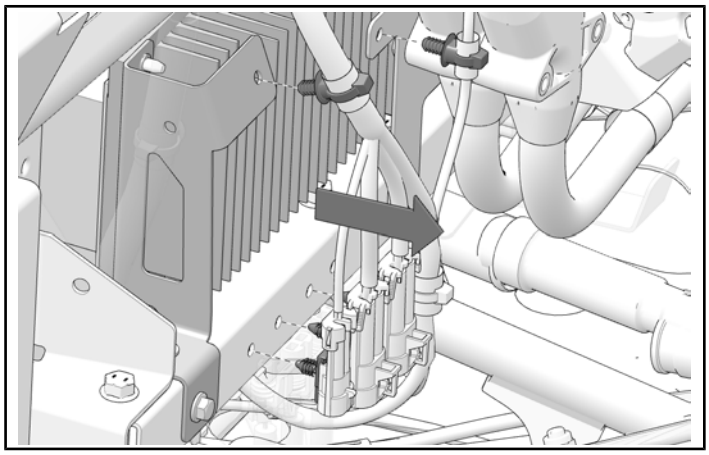


8. Remove rocker panel with charge port housing and set aside.

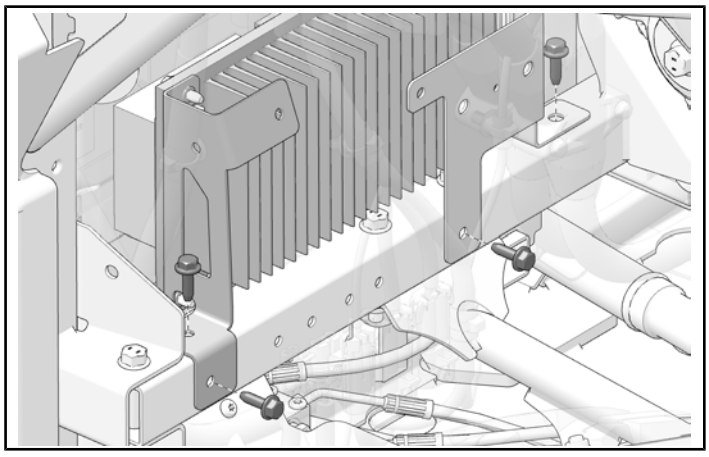
CONVERTER REMOVAL

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 battery enclosure panel side panel.

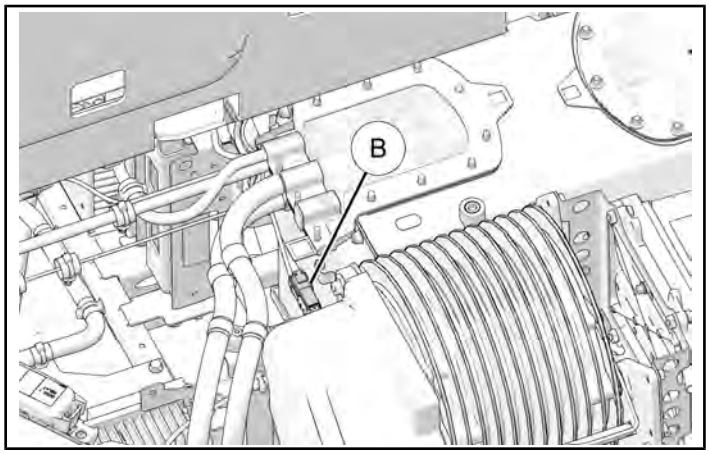
DUAL AND SINGLE BATTERY MODELS

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

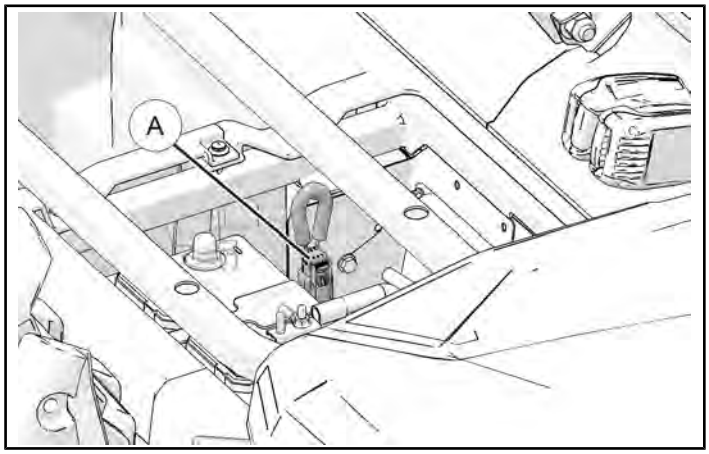
The battery contactor will make an audible “click” sound when the key is turned ON. This is the contactor closing/activating.

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.

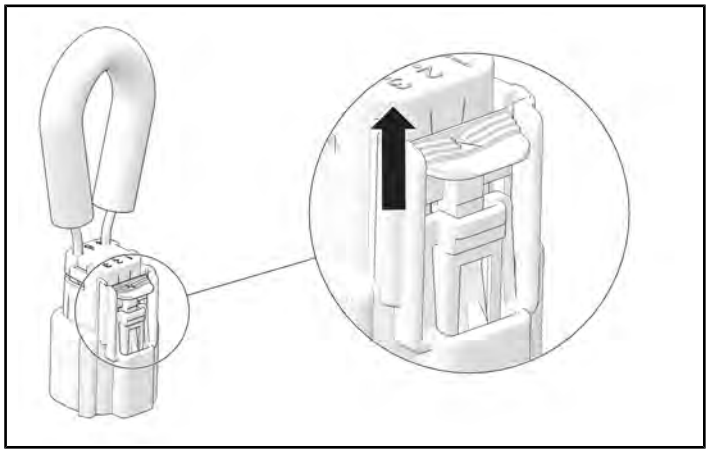
5. Remove service disconnect Ⓐ located behind the 12 V battery.



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

IMPORTANT

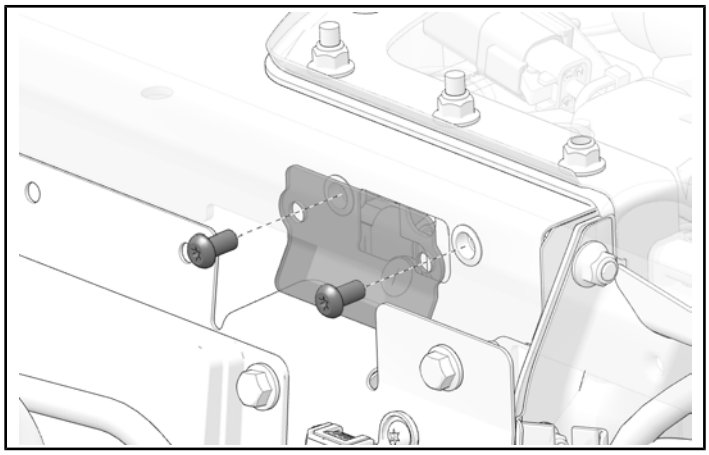
Do not pull the wire loop on top of the service disconnect. Always pull to remove by grabbing the plastic housing.



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.



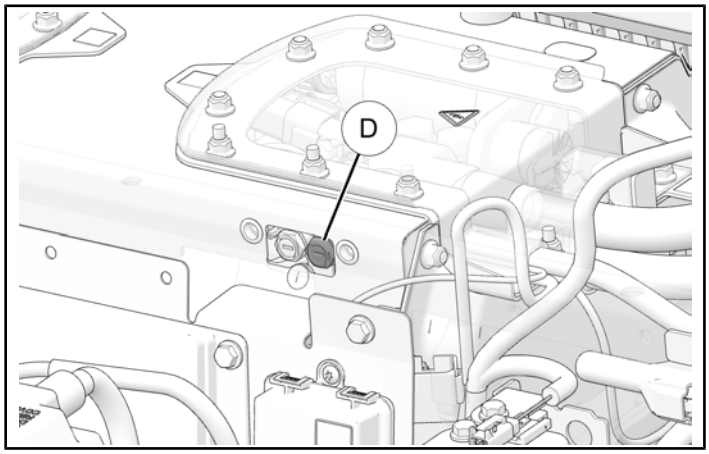
8. Use insulated slotted screwdriver and turn fuse to remove the contactor fuse Ⓓ from **each** battery.

⚠ 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

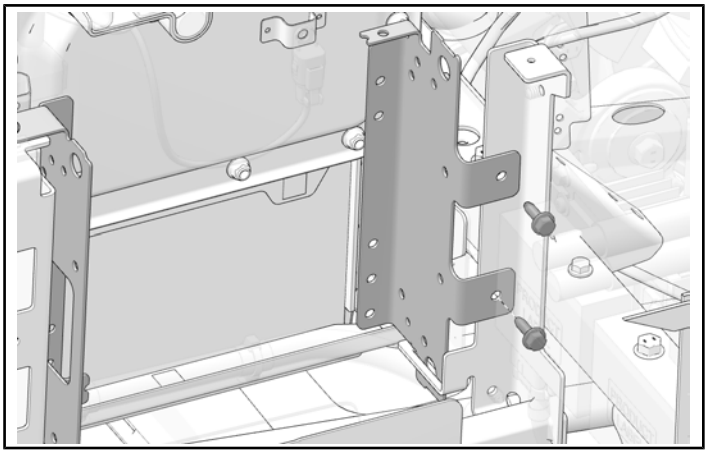
It is safe to work on the high-voltage bus after completing the level 2 disablement procedure. Gloves are not required unless internal battery components are exposed.

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.

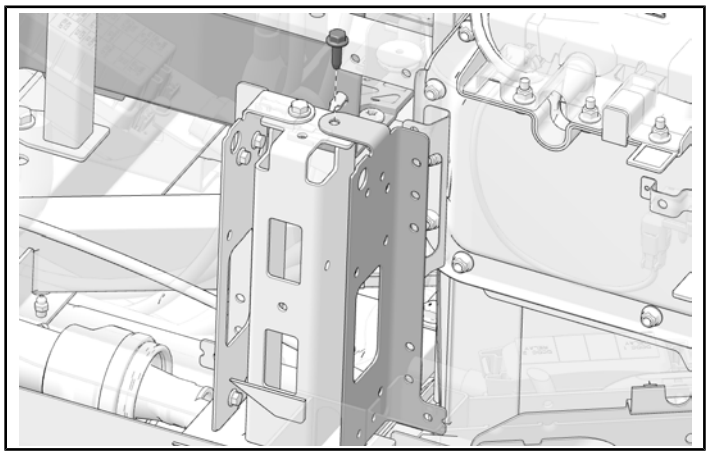
SINGLE BATTERY MODELS ONLY

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.

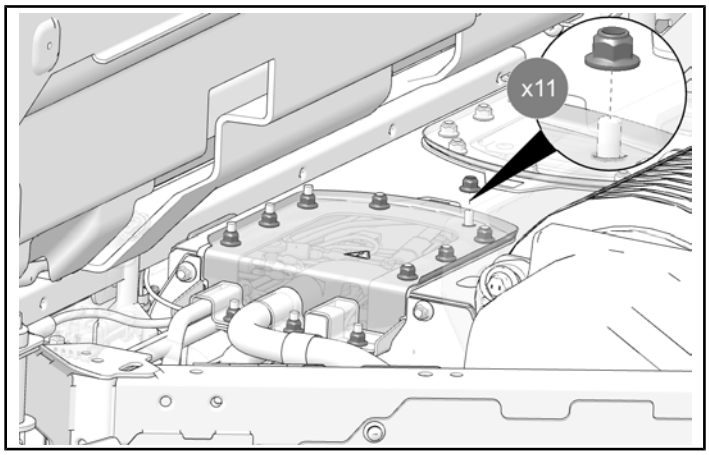


PASSENGER SIDE BATTERY ENCLOSURE PANEL REMOVAL

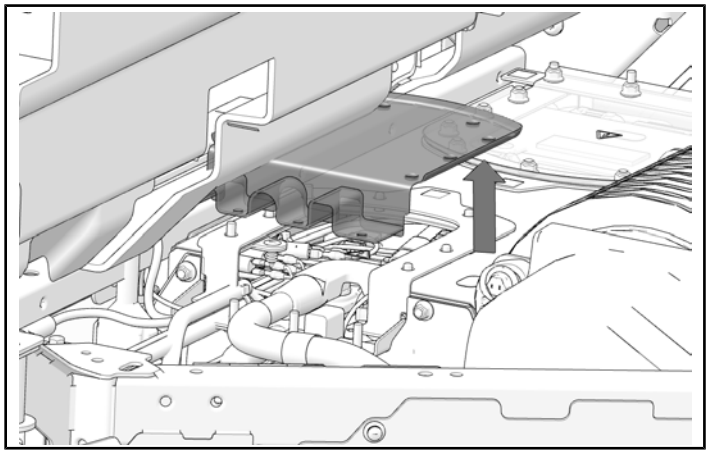
NOTICE
Parts of vehicle have been hidden for clarity.

TOP PANEL REMOVAL

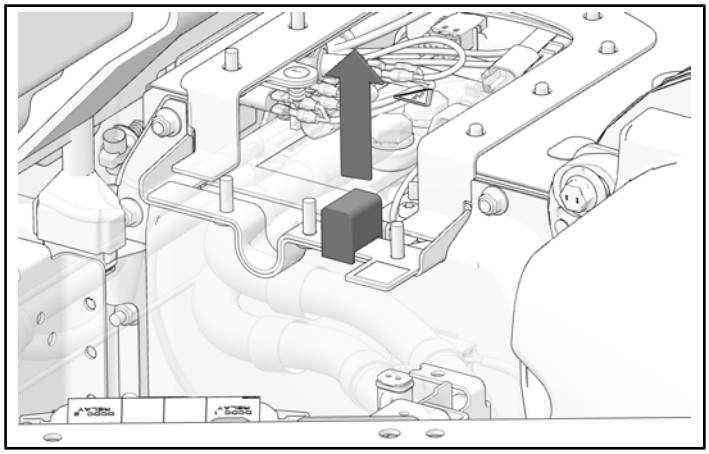
1. Remove and keep eleven nuts from top panel of battery enclosure.



2. Remove and keep top panel from battery enclosure.

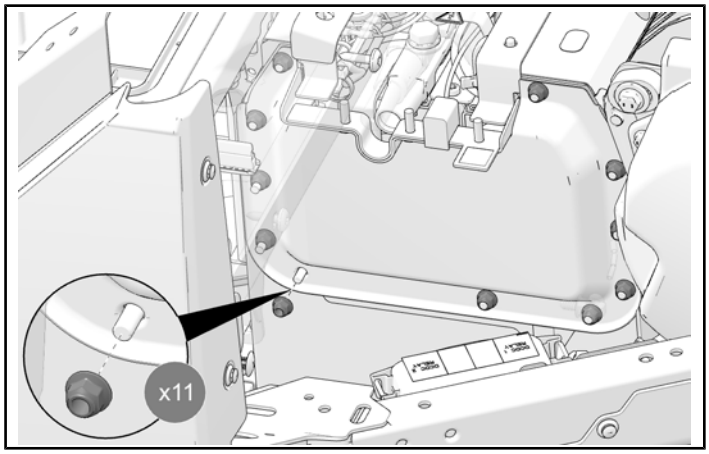


3. Remove and discard battery plug.

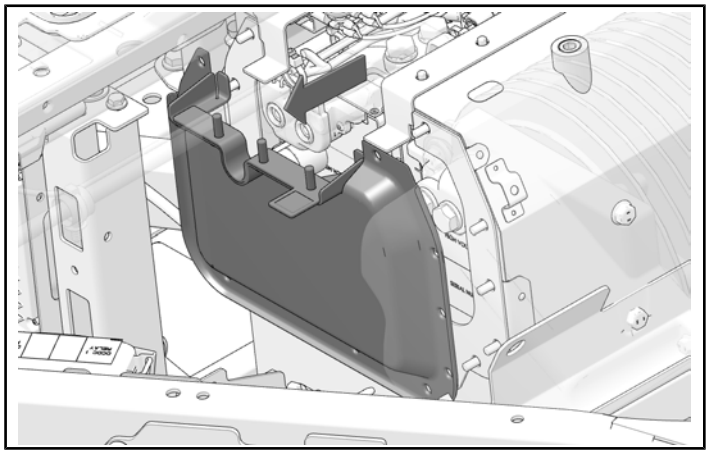


SIDE PANEL REMOVAL

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

DRIVER SIDE BATTERY ENCLOSURE PANEL REMOVAL (IF EQUIPPED)

IMPORTANT

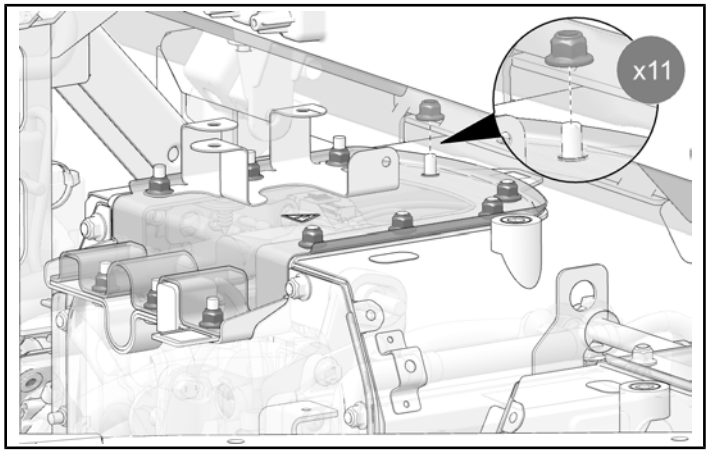
For Dual Battery Vehicles: The heater kit and the pre-requisite busbar kit will only be installed on the driver side battery.

NOTICE

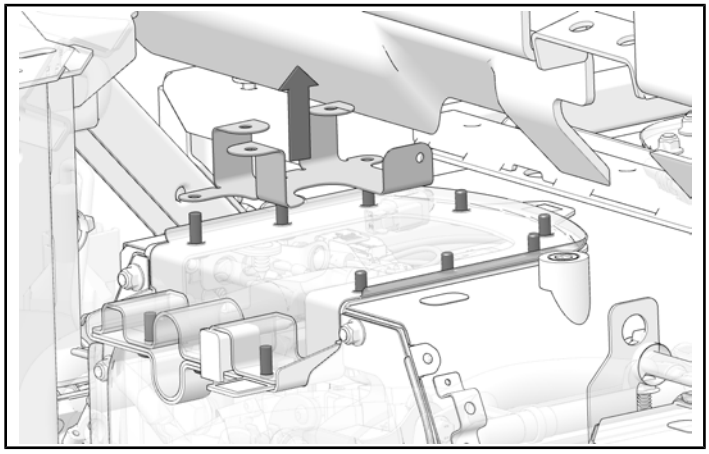
Parts of vehicle have been hidden for clarity.

TOP PANEL REMOVAL

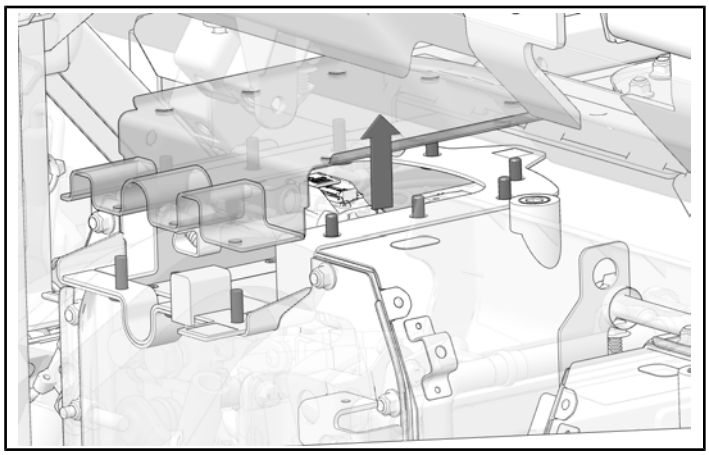
1. Remove and keep eleven nuts from top panel of battery enclosure.



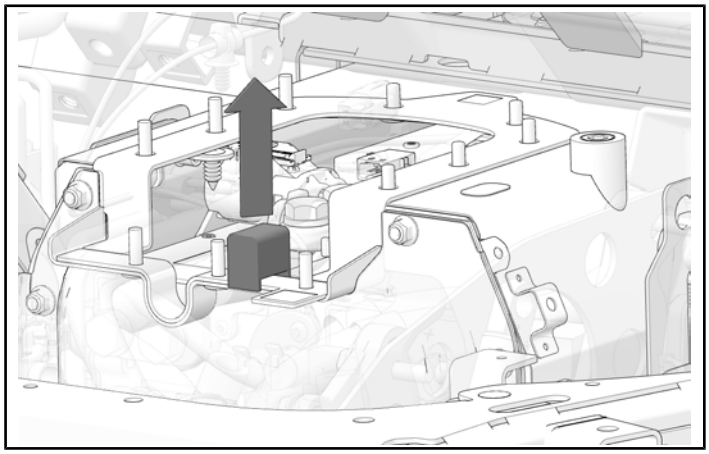
2. Remove and keep bracket from top panel of battery enclosure.



3. Remove and keep top panel from battery enclosure.



4. Remove and discard battery plug.

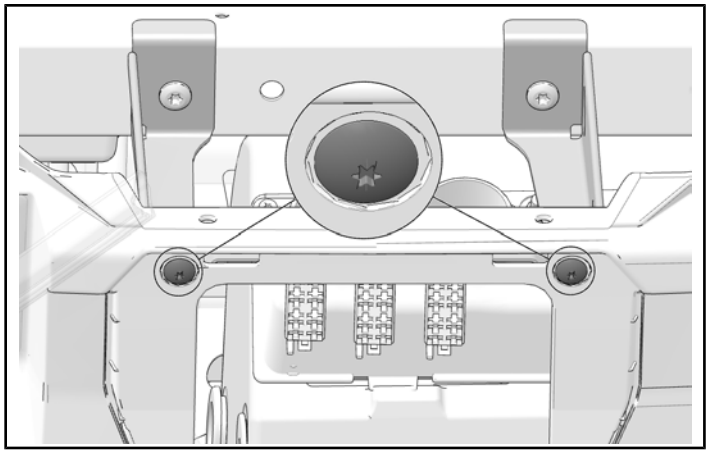


ACCESSORY INSTALLATION

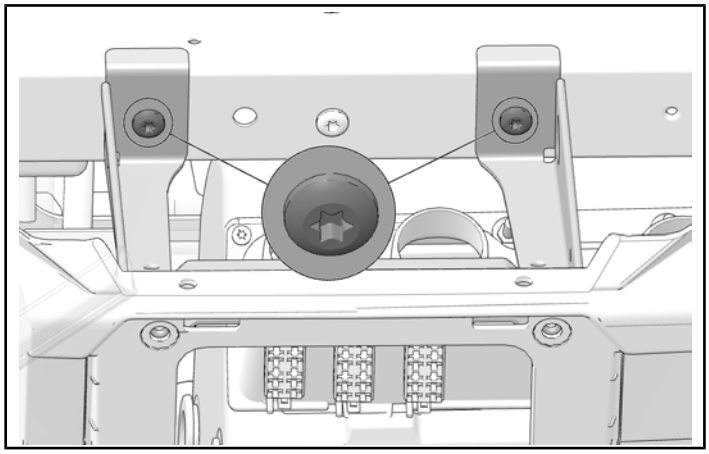
NOTICE
Parts of vehicle have been hidden for clarity.

DASH SUPPORT BRACKET REMOVAL

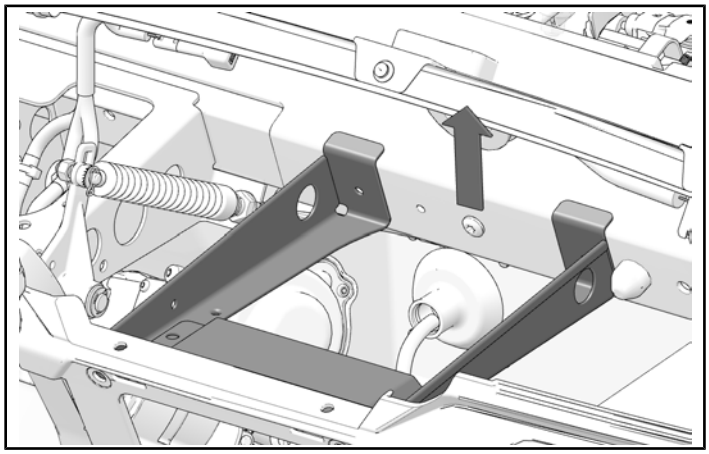
1. If installed, loosen amplifier for easier access to dash support bracket.
2. Remove and keep two screws from the dash support bracket and the dash.



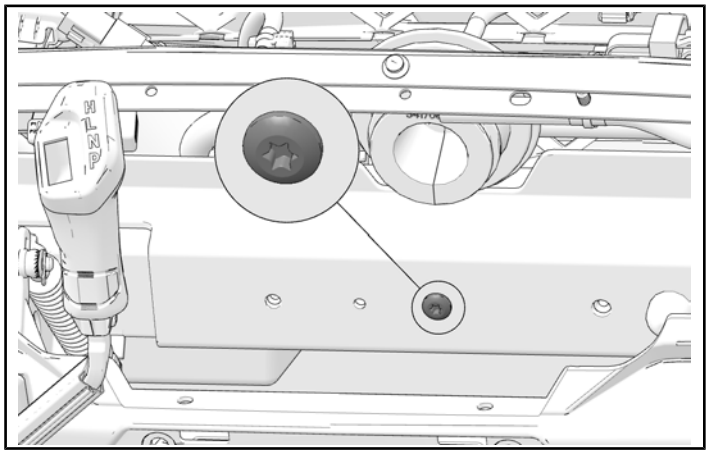
3. Remove and keep two screws from dash support bracket and the chassis.



4. Remove and keep dash support bracket.



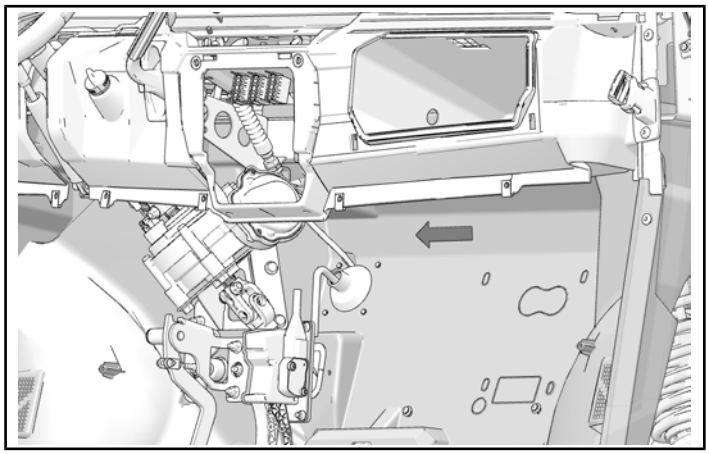
5. Remove and discard chassis screw.

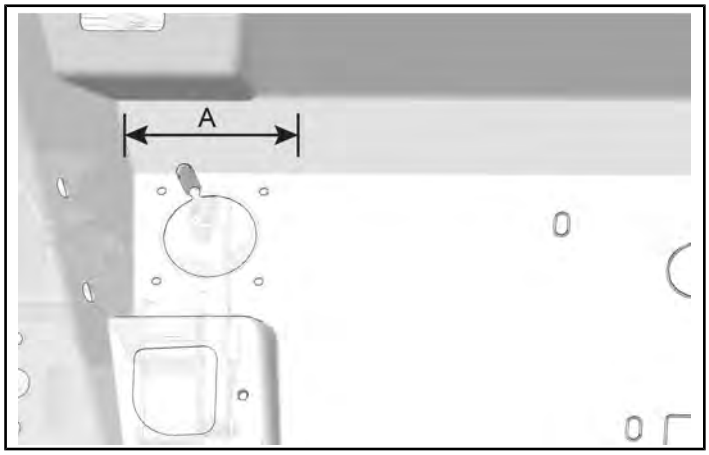


FRONT CLOSE-OFF PANEL PREPARATION

1. Measure over from left face on the lower close-off panel to determine drill location. Mark this location.

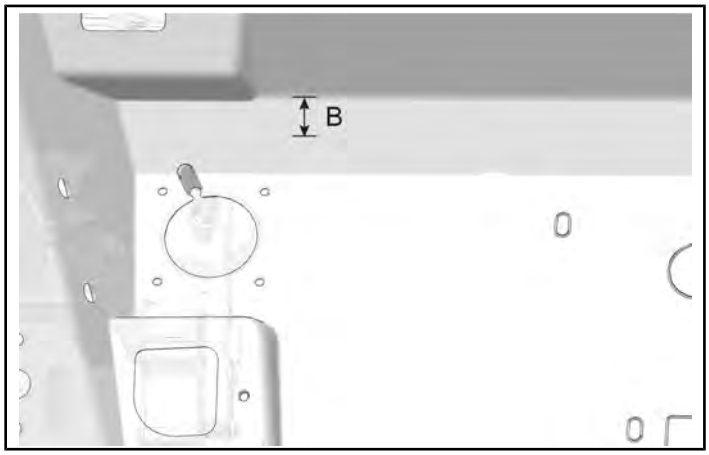
MEASUREMENT
Dimension Ⓐ: **4.75 in (120 mm)**





2. Measure down from top edge of face on the lower close-off panel to determine drill location. Mark this location.

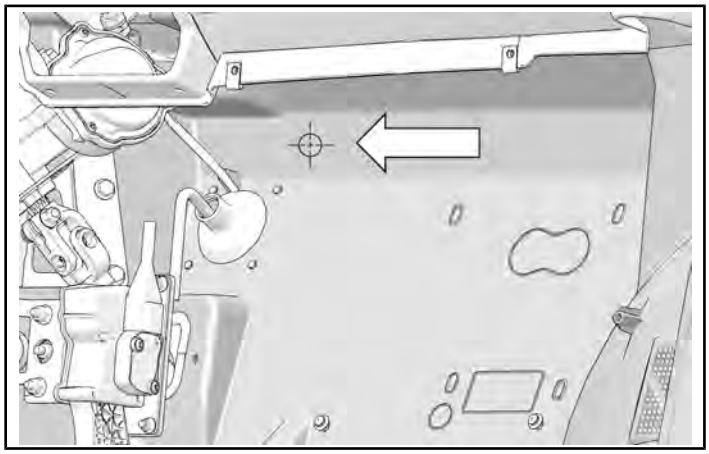
MEASUREMENT
Dimension Ⓑ: **1 in (26 mm)**



3. Drill pilot hole through front close-off panel for electrical harness.

IMPORTANT
Control cutting depth to prevent damage to underlying structure or components.

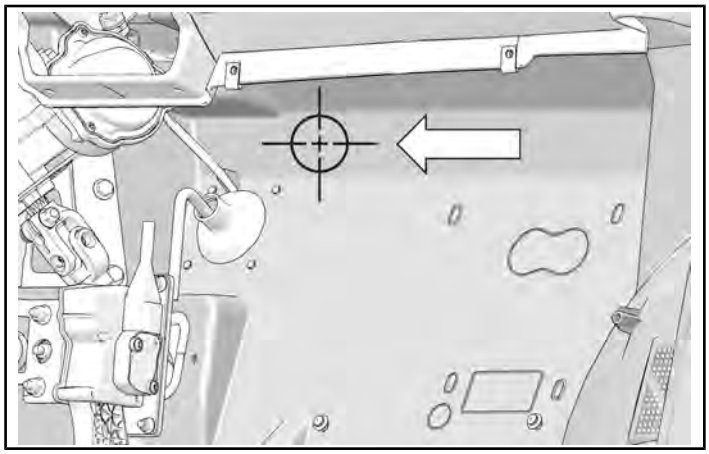
MEASUREMENT
Drill Bit Size: **1/4 in (6 mm)**



4. Drill larger hole through pilot hole on the front close-off panel for heater harness grommet.

IMPORTANT
Control cutting depth to prevent damage to underlying structure or components.

MEASUREMENT
Hole Saw Size: **1 1/2 in (38 mm)**

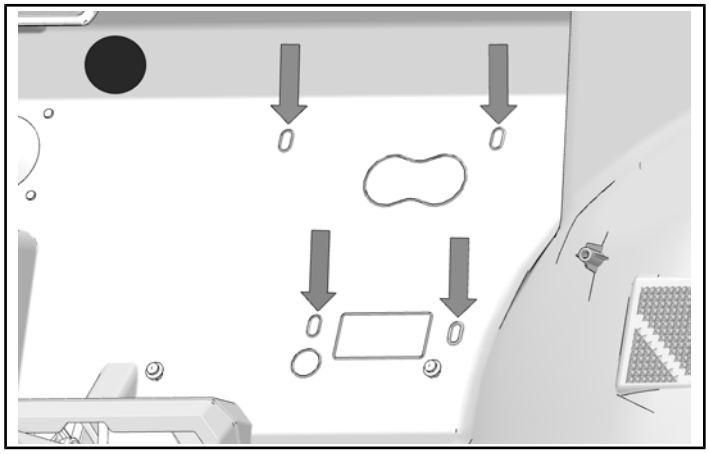


5. Drill two holes through each oval embossed scribe line on the front close-off panel for heater studs.

IMPORTANT
A total of eight holes will be drilled to create the four oval heater stud holes.

IMPORTANT
Control cutting depth to prevent damage to underlying structure or components.

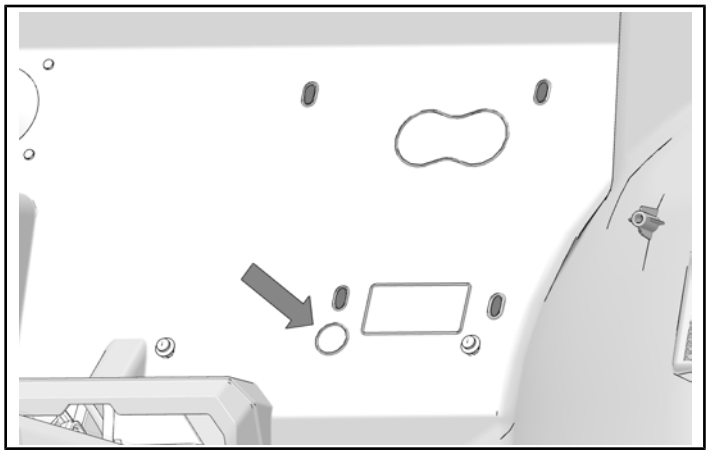
MEASUREMENT
Drill Bit Size: **5/16 in (8 mm)**



6. Drill one hole through embossed scribe line on the front close-off panel for drain nozzle on heater.

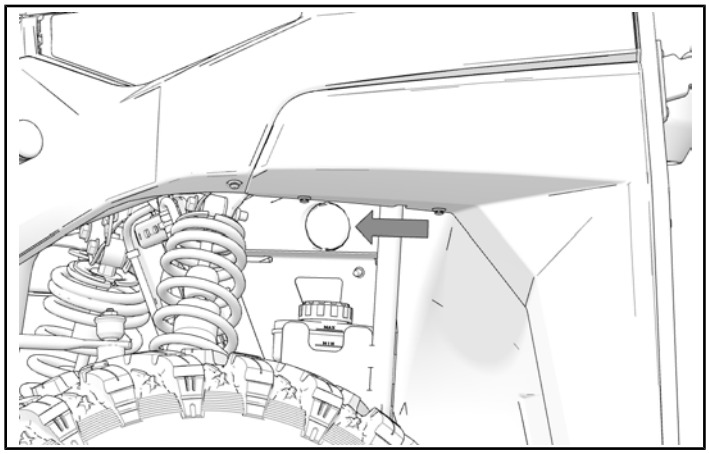
IMPORTANT
Control cutting depth to prevent damage to underlying structure or components.

MEASUREMENT
Drill Bit Size: **1 in (25.4 mm)**



7. Cut out one round fresh air duct opening through embossed scribe line on the front close-off panel.

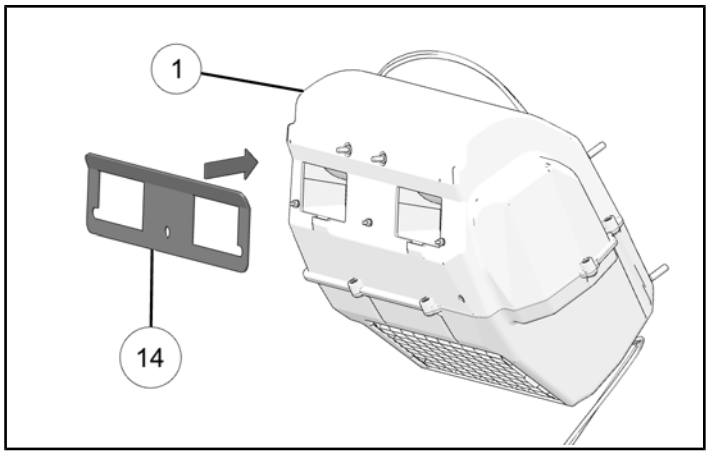
NOTICE
Embossed scribe line is located below steering wheel on the forward facing side of the front close-off panel.



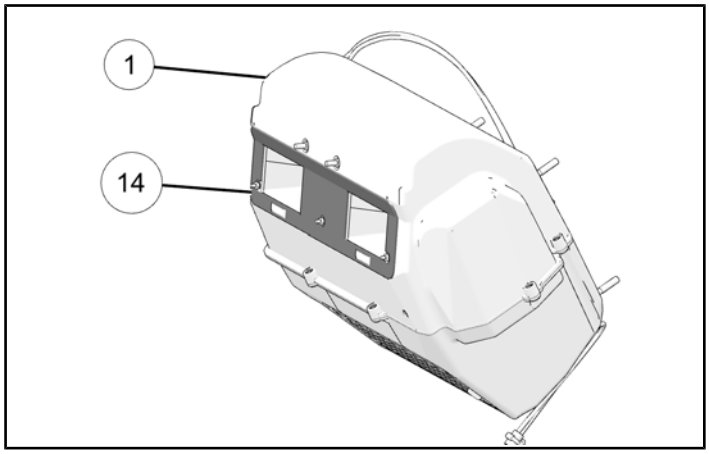
8. Deburr all drilled holes.

HEATER SEAL AND MANIFOLD INSTALLATION

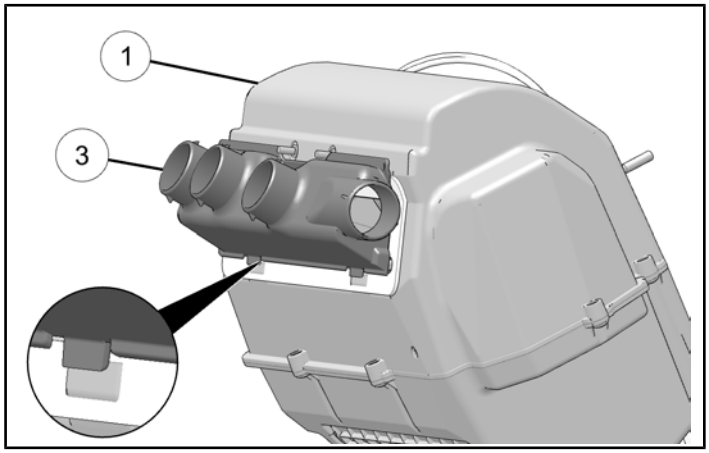
1. Align cutouts on seal ⑭ with openings on the heater ①.



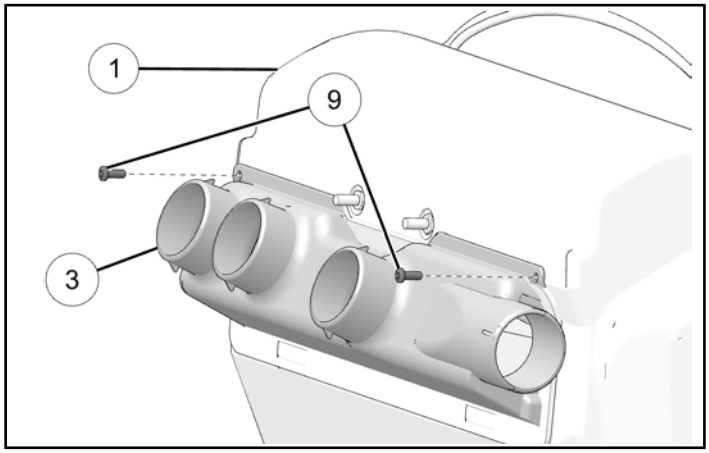
2. Remove backing from seal ⑭.
3. Attach seal ⑭ to heater ①.



4. Insert two tabs on the lower edge of the manifold ③ into the slots on the front side of the heater ①.



5. Attach the manifold ③ to the heater ① with two screws ⑨.

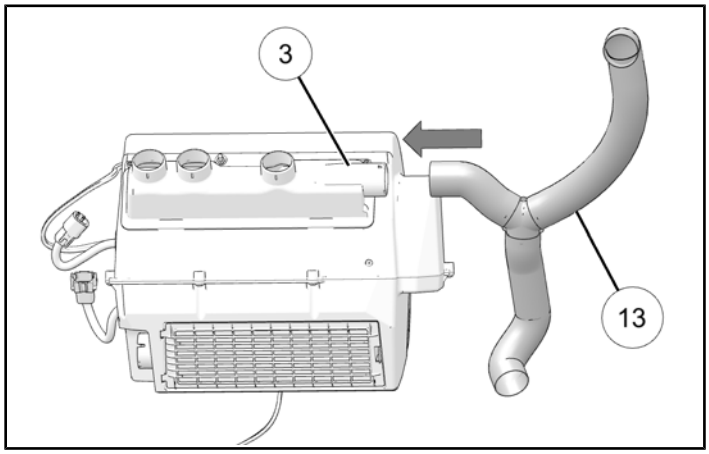


6. Torque screws to specification.

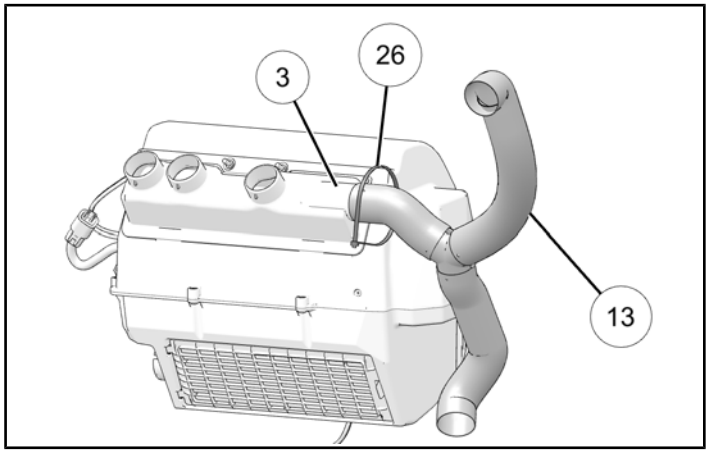
TORQUE
Manifold Screws ⑨: **18 in-lbs (2 N·m)**

RIGHT SIDE HEATER DUCT INSTALLATION

1. Install right dash duct assembly ⑬ to the outlet on the right end of the manifold ③. Push into place until duct contacts stop on manifold.



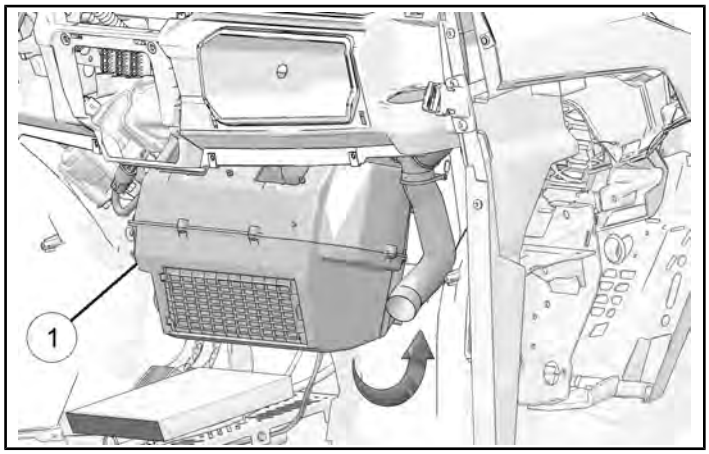
2. Attach right dash duct assembly ⑬ to manifold ③ with cable tie ㉖.



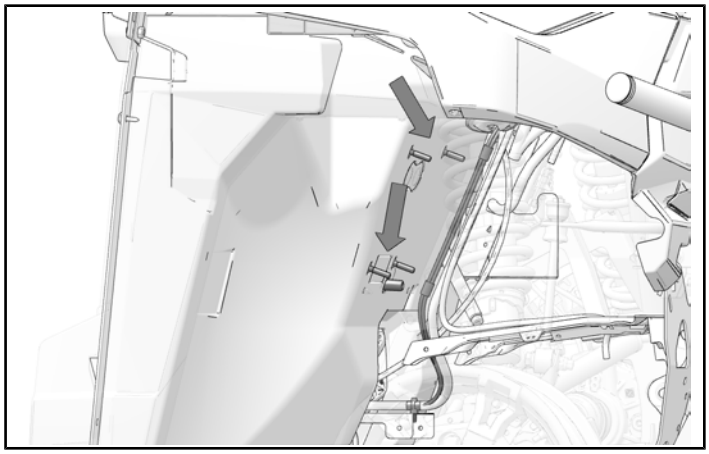
HEATER INSTALLATION

1. Lift heater accessory ①, with right side duct work installed, into position in dash.

NOTICE
Route heater harness through pre-drilled hole in the front close-off panel; harness and grommet install to be completed in later step.

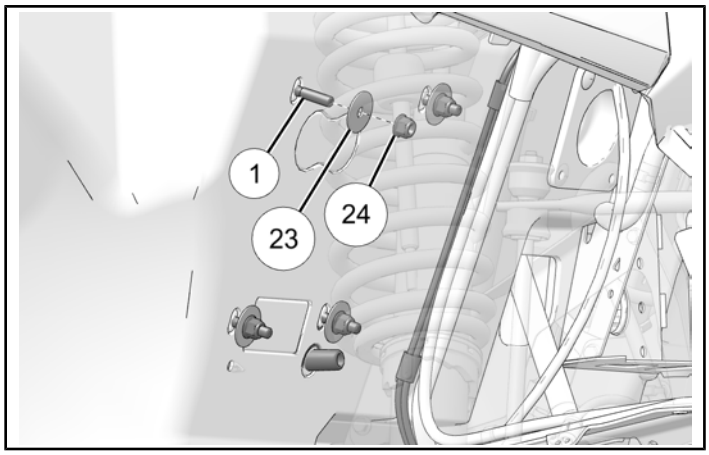


2. Slide heater studs and drain nozzle through drilled holes in front close-off panel.



3. Loosely install heater ① to front close-off panel with four washers ㉓ and four nuts ㉔.

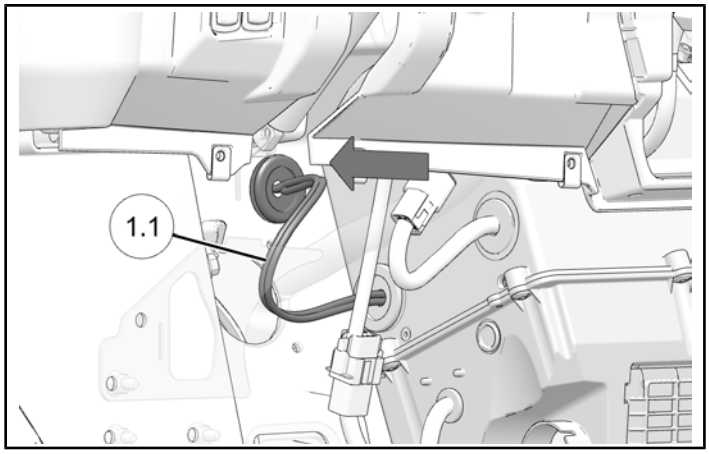
Do not torque nuts at this time.



4. Put heater power harness **1.1** through pre-drilled hole on front close-off panel. Install grommet on heater power harness **1.1** into pre-drilled hole on front close-off panel.

NOTICE

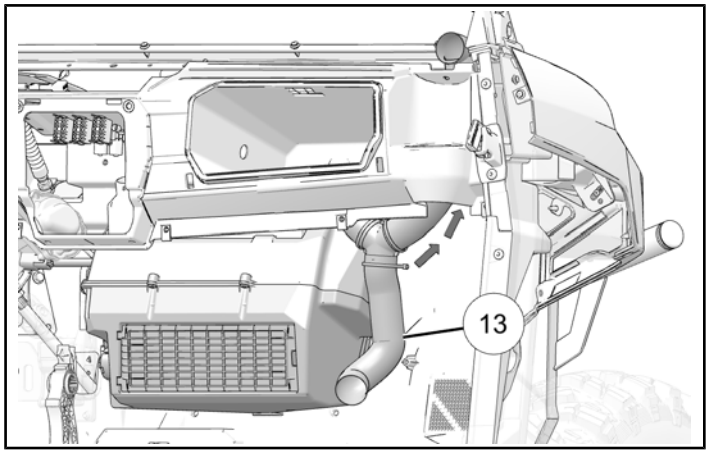
Route large connector through pre-drilled hole first then route small connector.



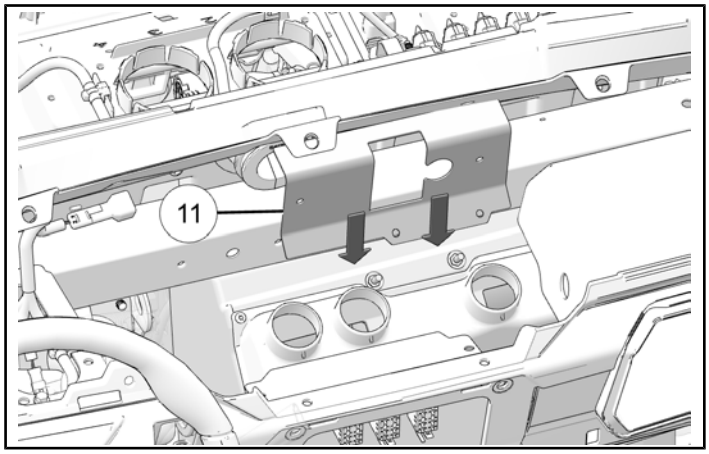
5. Route upper portion of right side dash duct assembly ⑬ into upper dash area.

NOTICE

Complete installation of right side dash duct will be done in a later step.

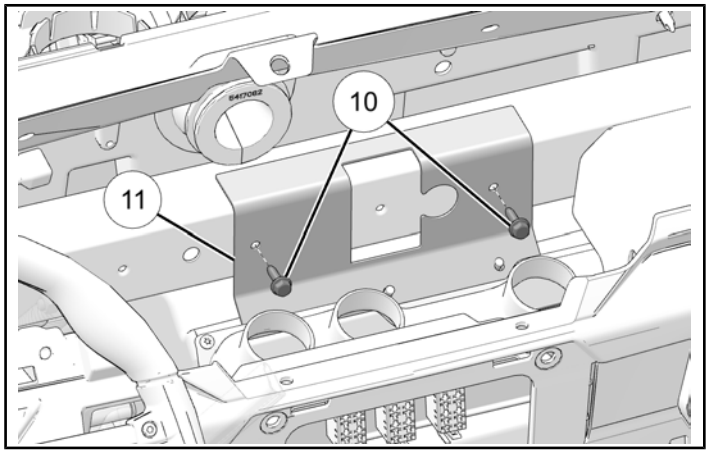


6. Install heater mounting bracket ⑪ onto two heater studs.



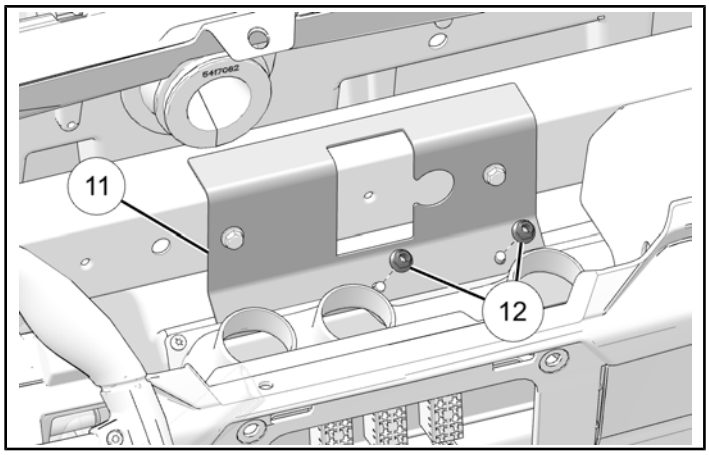
7. Loosely attach heater mounting bracket ⑪ to front close-off panel with two screws ⑩.

Do not torque nuts at this time.



8. Loosely attach heater mounting bracket ⑪ to heater with two nuts ⑫.

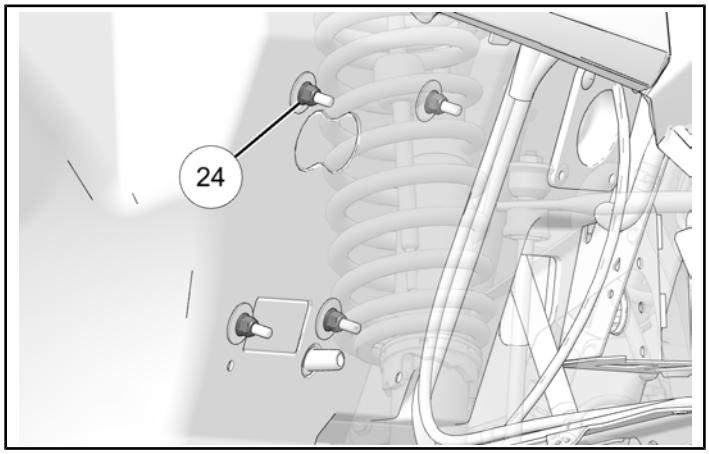
Do not torque nuts at this time.



TORQUE HEATER FASTENERS

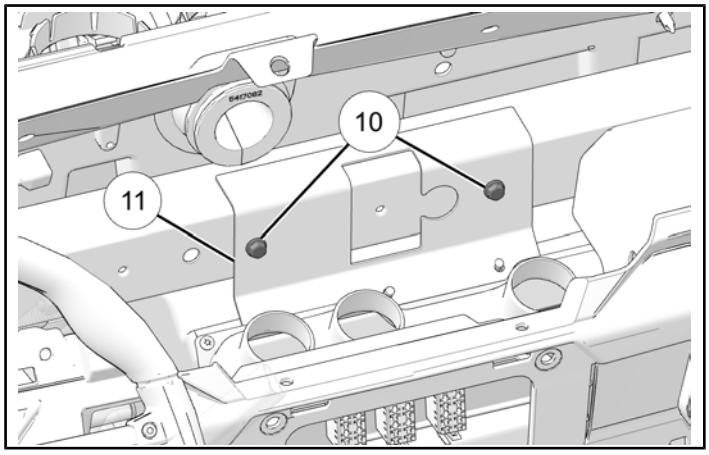
1. Torque heater nuts ㉔ to specification.

TORQUE
Heater Nuts ㉔: **97 in-lbs (11 N·m)**



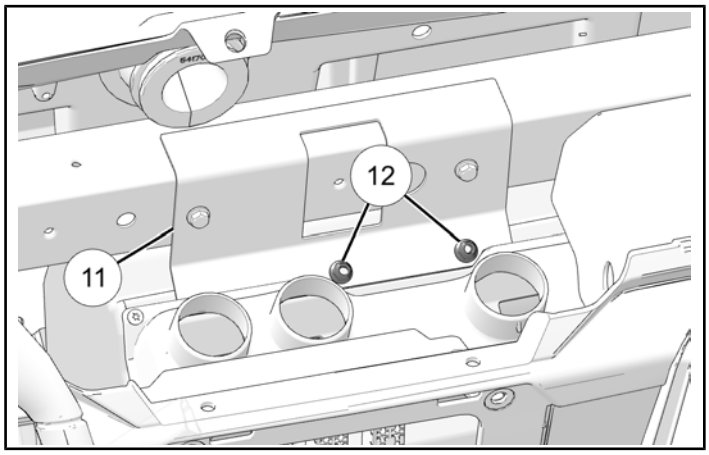
2. Torque heater mounting bracket screws ⑩ to specification.

TORQUE
Heater Mounting Bracket Screws ⑩: **71 in-lbs (8 N·m)**



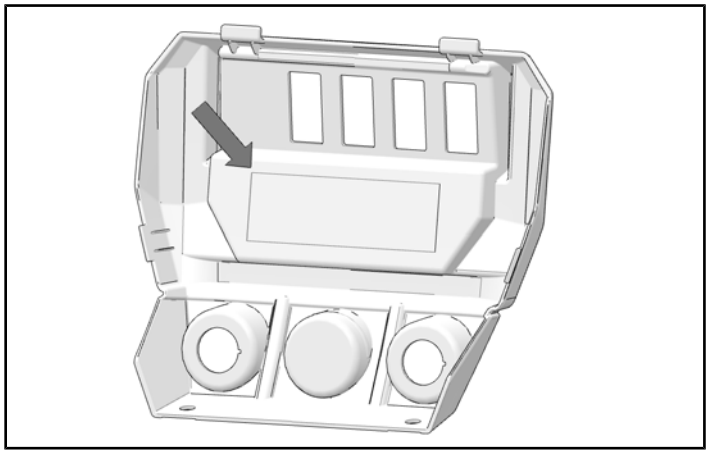
3. Torque heater mounting bracket nuts ⑫ to specification.

TORQUE
Heater Mounting Bracket Nuts ⑫: **71 in-lbs (8 N·m)**

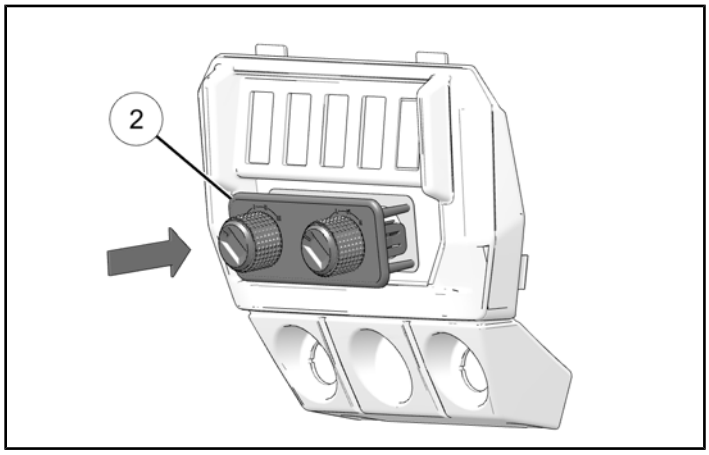


HEATER CONTROL PANEL INSTALLATION

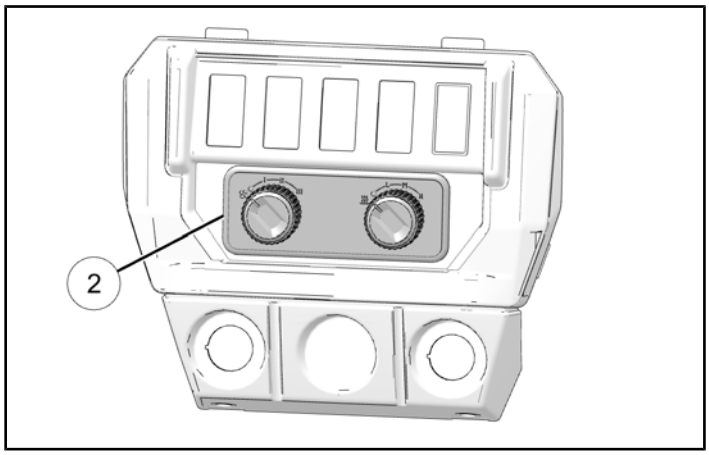
1. Find heater control panel pre-marked scribe lines on the backside of the control panel.



2. Carefully cut out heater control panel space on the control panel.
3. Deburr opening.
4. Put heater control panel ② into the control panel with the blower control located on the left and the temperature control located on the right.



5. Push heater control panel ② into the control panel until the panel tabs lock in place.



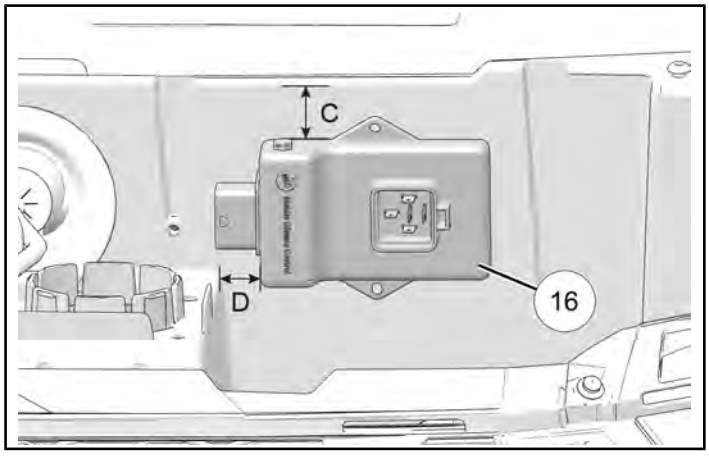
6. Set aside heater control panel assembly.

HEATER ATM INSTALLATION

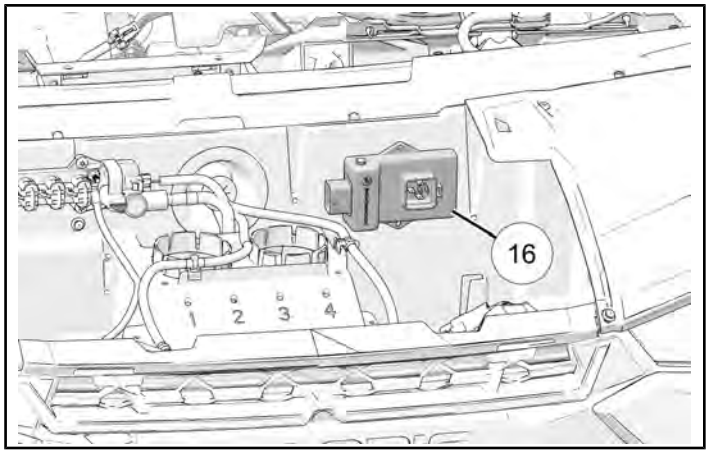
1. Find ATM ⑯ mounting location. Measure over from left face on under hood liner and down from top edge of under hood liner. Mark these locations.

MEASUREMENT
Dimension Ⓒ: **1 in (25 mm)**

MEASUREMENT
Dimension Ⓓ: **1 in (25 mm)**

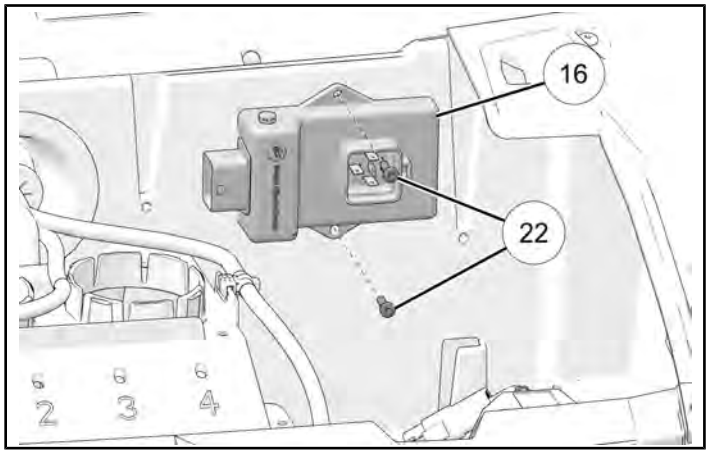


2. Center ATM ⑯ on marked location.

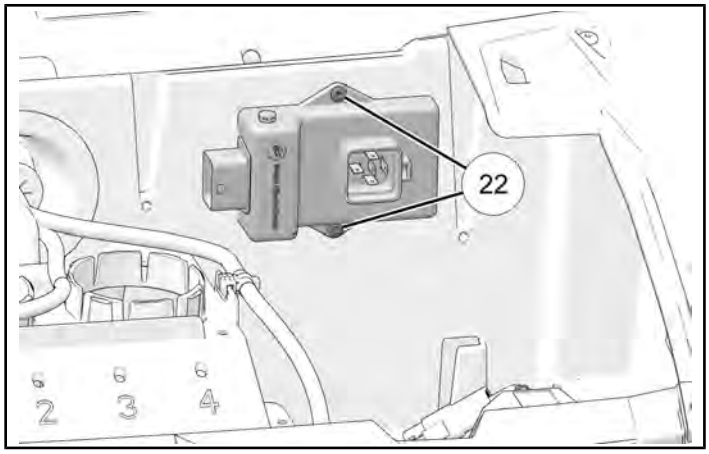


3. Attach ATM ⑯ to under hood liner with two screws ㉒.

NOTICE
There is no need to pre-drill screw holes. Screws can be easily installed through under hood liner plastic.



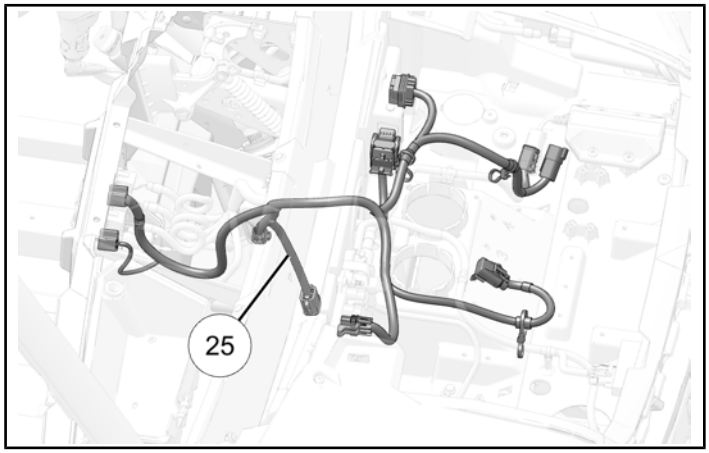
4. Tighten screws ㉒ until fully seated.



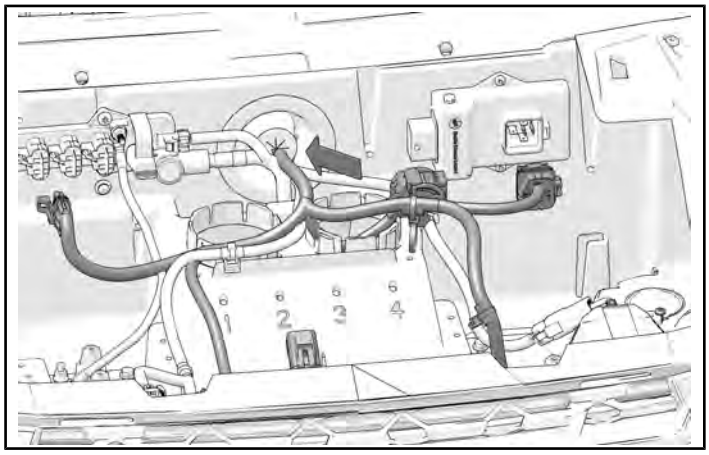
HEATER ELECTRICAL HARNESS INSTALLATION

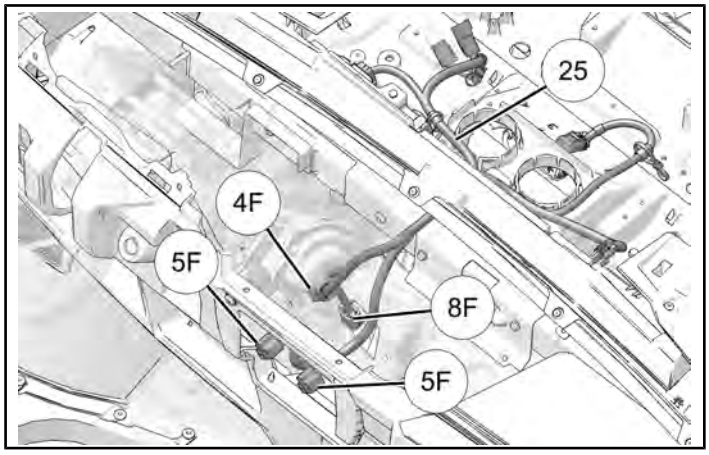
1. Install heater control harness ㉕, as shown.

TIP
Overview is from under hood area to inside of upper dash area.



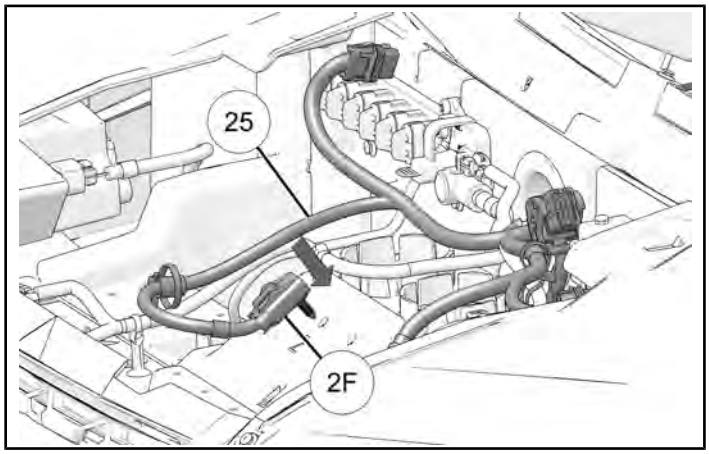
2. Route blower control connector **5F**, heater control connector **5F**, heater connector **8F**, and blower motor connector **4F**, on heater harness ㉕, through grommet into upper dash area. All remaining heater connections will be installed in under hood area.



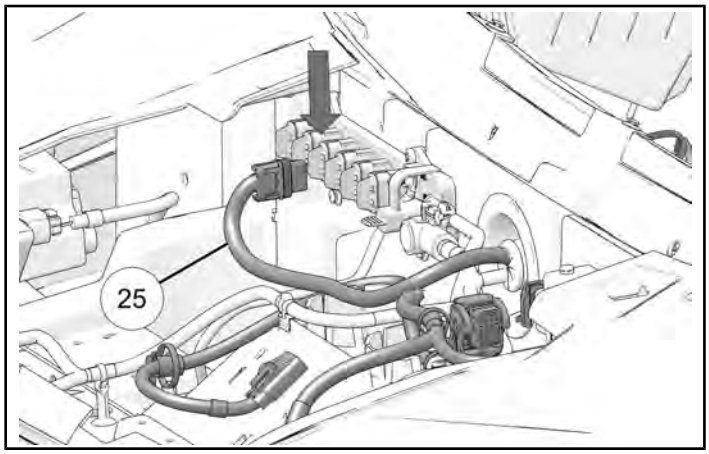


3. Attach fuse block **2F** on heater control harness ㉕ to under hood liner with push-dart.

NOTICE
Use any open location on the under hood liner.

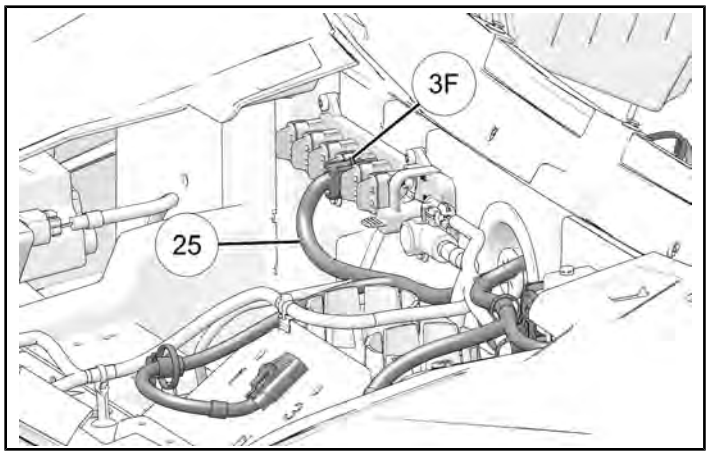


4. Remove terminal block cap on vehicle terminal block.

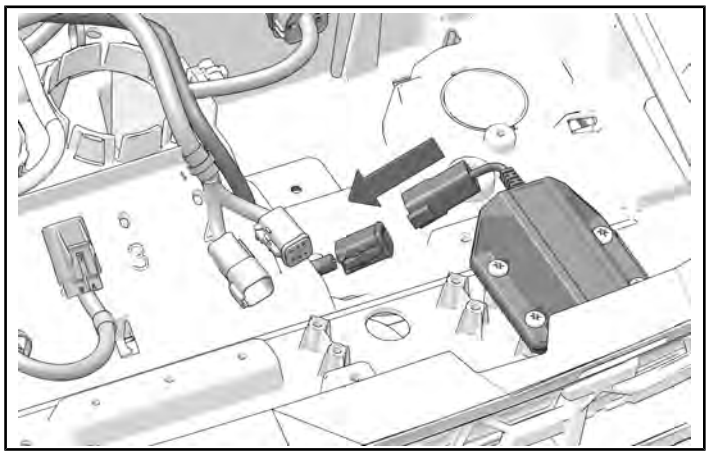


5. Install terminal block connector **3F** on the heater harness ㉕ to terminal block.

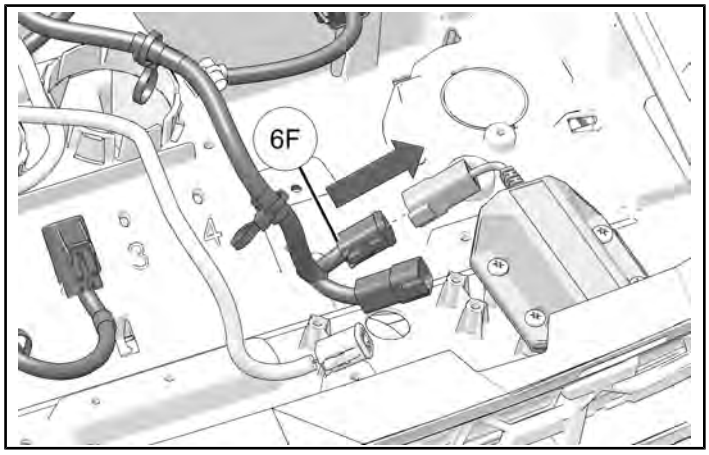
NOTICE
Use any available terminal block plug location.



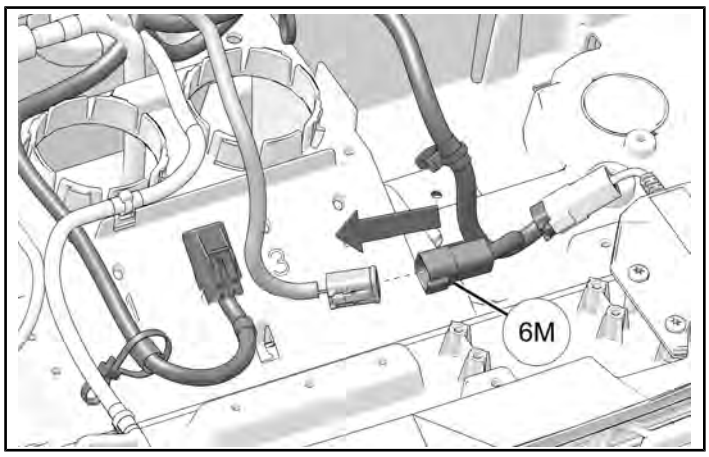
6. Disconnect chassis harness from connected plug-in.



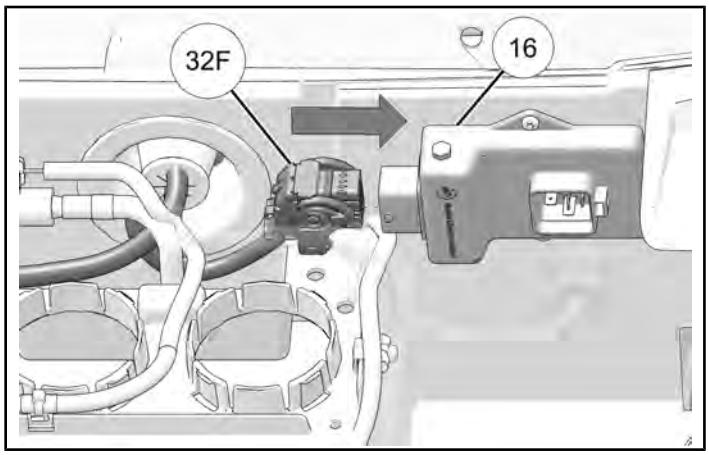
7. Install connector **6F** to connected plug-in.



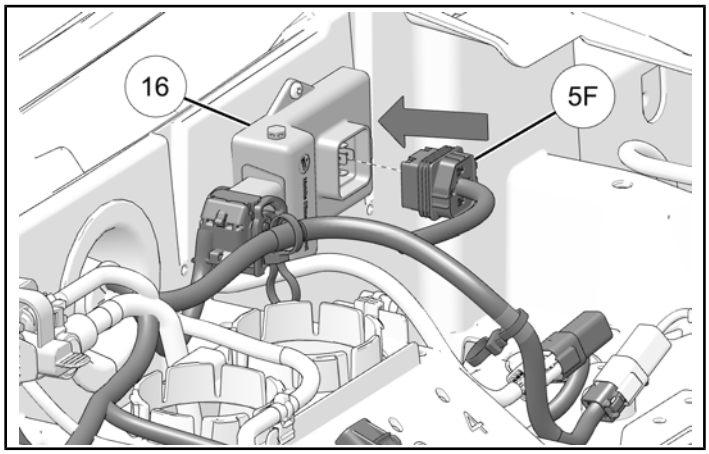
8. Install connector **6M** to chassis harness.



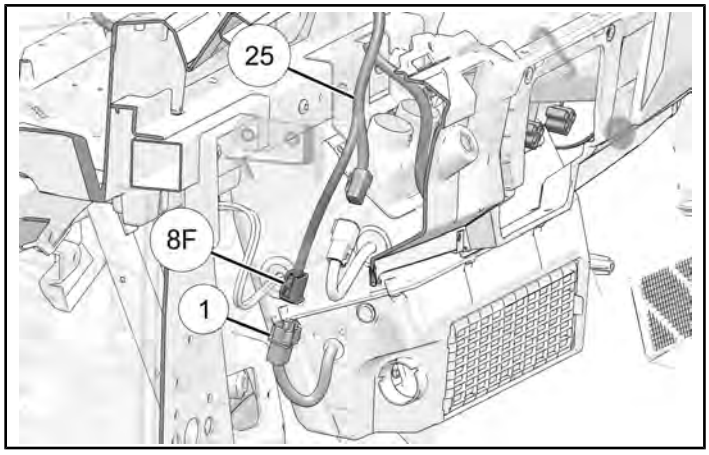
9. Install connector **32F** to ATM controller ⑯.



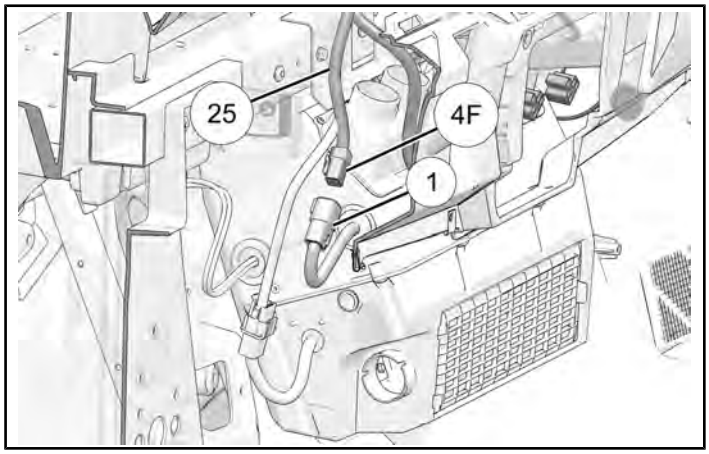
10. Install connector **5F** to ATM controller ⑯.



11. Install heater connector **8F**, on heater harness ㉕, to heater contactor connection on heater ①.



12. Install blower motor connector **4F**, on heater harness ㉕, to blower motor connection on heater ①.



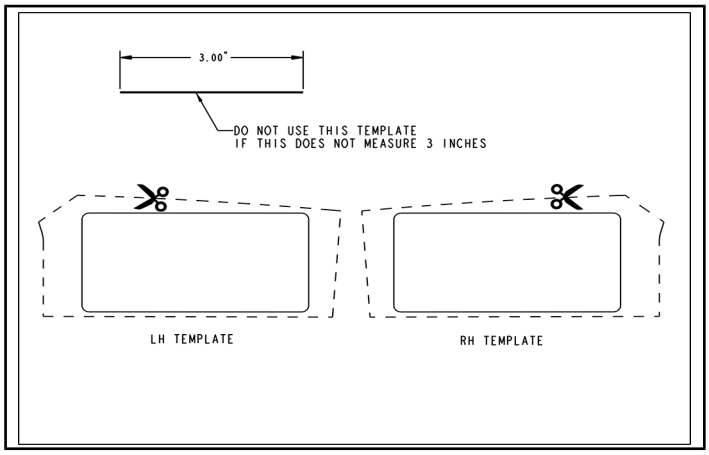
PREPARE DASH — UPPER DASH WITHOUT SCRIBE LINES

1. Find REFERENCE DIMENSION on template page.

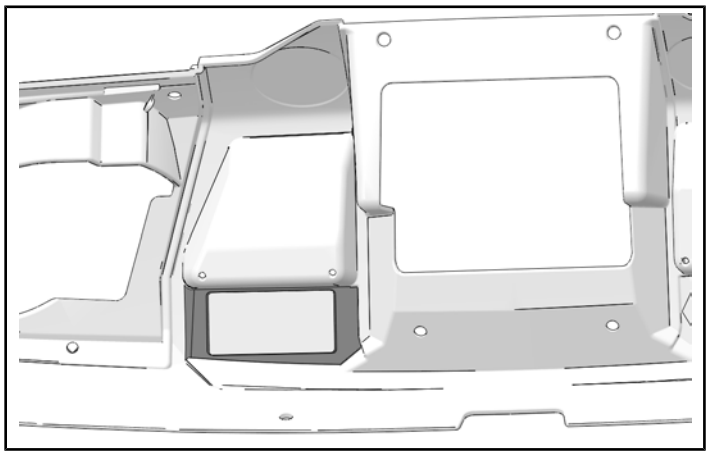
   Make sure REFERENCE DIMENSION is accurate and template was correctly printed to scale.

IMPORTANT
If REFERENCE DIMENSION is not accurate, reprint template pages from electronic file. Adjust print setting to **Actual Size** to obtain 1:1 scale. Electronic file available from your **Authorized Polaris® Dealer**.

2. Cut out template along outer border.

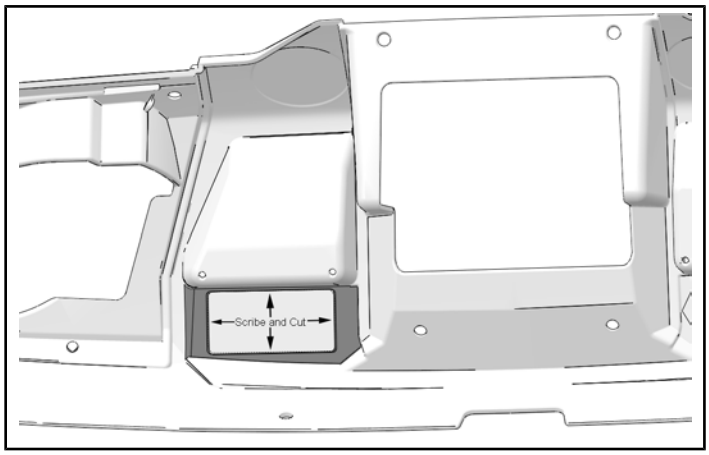


3. Tape each template to the underside of the upper dash, as shown.



4. Scribe upper dash along template lines.

TIP
It is best to use the template to create a scribe line into the dash before cutting the dash. The paper template my tear when cutting through dash and template at the same time.

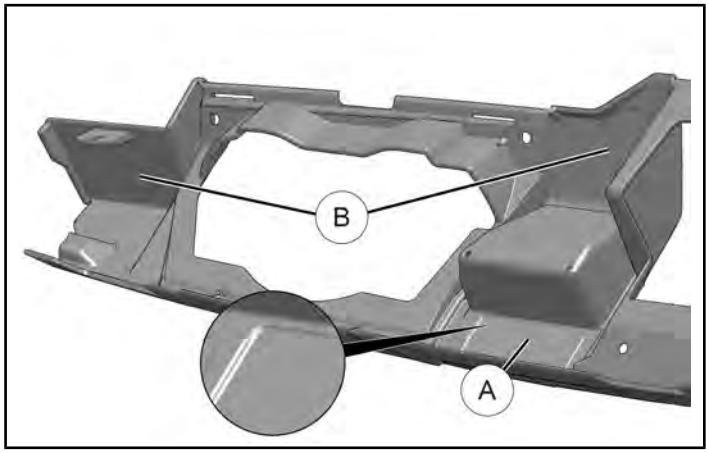


5. Cut upper dash vent openings along scribed template lines.

PREPARE DASH — UPPER DASH WITH SCRIBE LINES

1. Upper Dash Panel: Cut one rectangular defrost opening Ⓐ along INSIDE EDGE of scribe lines. Repeat for opposite side of panel. Deburr openings.

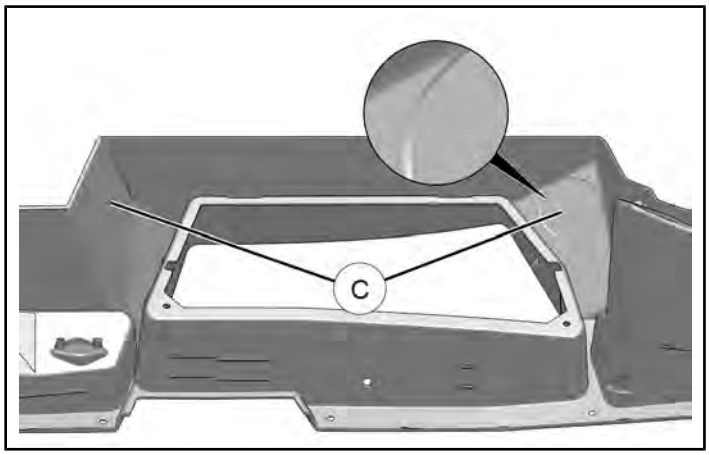
NOTICE
Left side shown; right side similar.



⚠ CAUTION

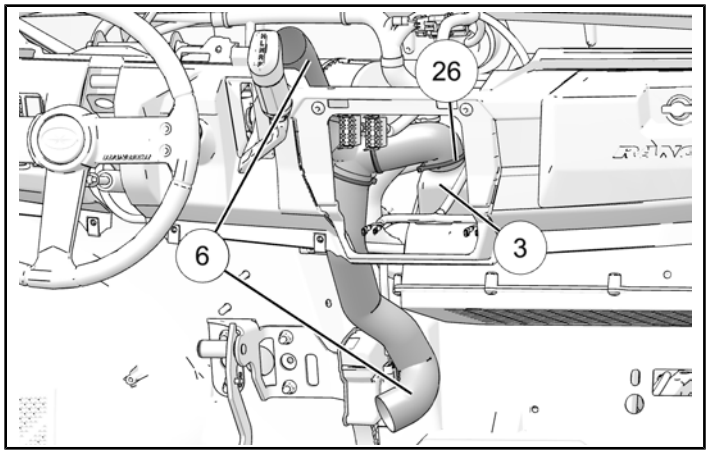
All six round vent openings MUST be cut using 2-1/2 inch (64 mm) hole saw. Do NOT cut on recessed markings. Cutting on recessed markings will result in excessively large opening and inability to install vent.

2. Upper Dash Panel: Cut four round vent openings Ⓑ using 2-1/2 inch (64 mm) hole saw, centered on existing markings. Do NOT cut on recessed markings. Repeat for opposite side of panel.
3. Lower Dash Panel: Cut two round vent openings Ⓒ using 2-1/2 inch (64 mm) hole saw, centered on existing markings. Do NOT cut on recessed markings.

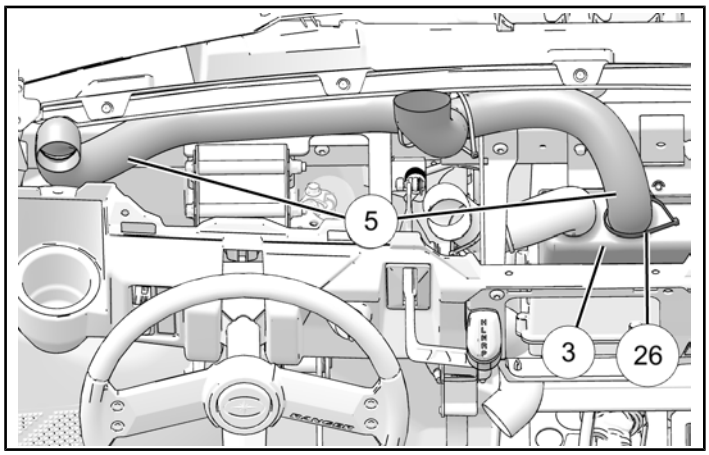


DUCT ASSEMBLY INSTALLATION

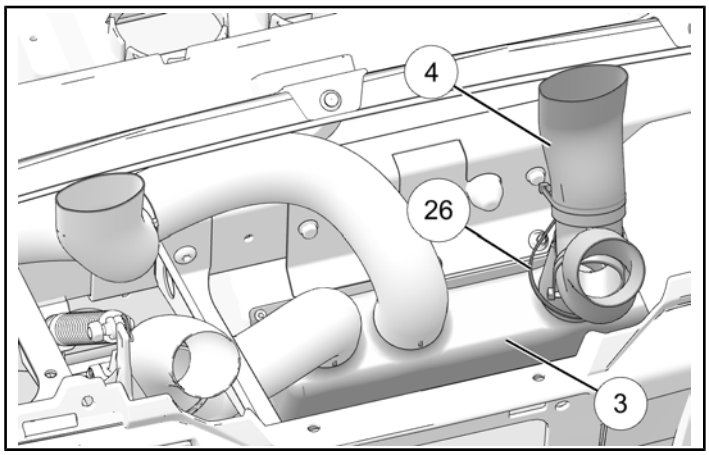
1. Install duct assembly ⑥ to far left outlet on manifold ③ until duct contacts stop on manifold. Attach duct to manifold using cable tie ㉖.



2. Install duct assembly ⑤ to center outlet on manifold ③ until duct contacts stop on manifold. Attach duct to manifold using cable tie ㉖.



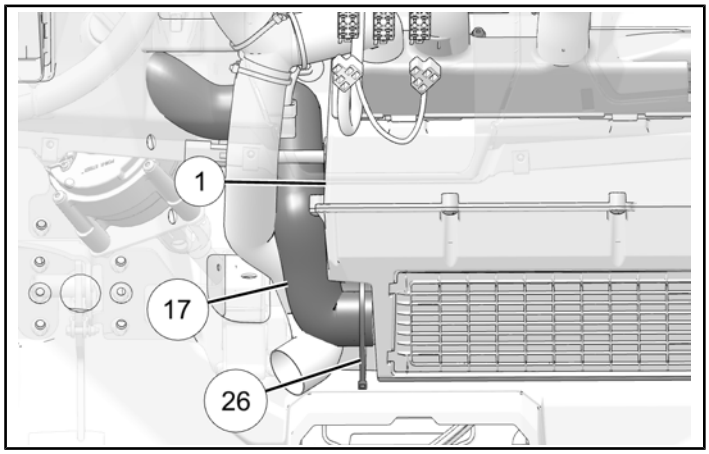
3. Install duct assembly ④ to far right outlet on manifold ③ until duct contacts stop on manifold. Attach duct to manifold using cable tie ㉖.



4. Install fresh air intake duct ⑰ to lower inlet on heater ① until duct contacts stop on heater inlet. Attach duct to manifold using cable tie ㉖.

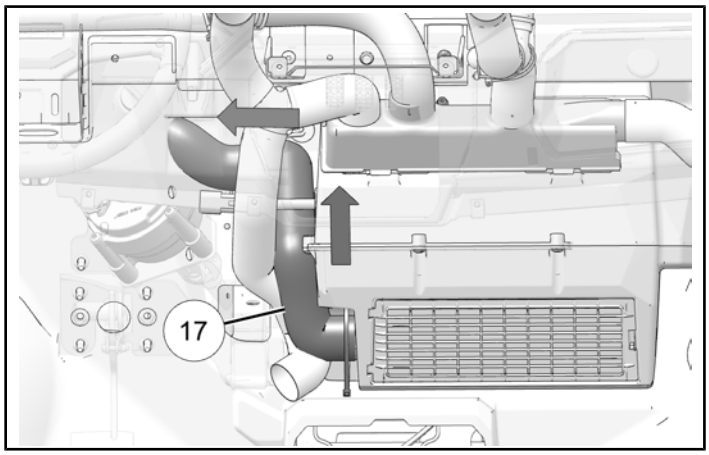
NOTICE

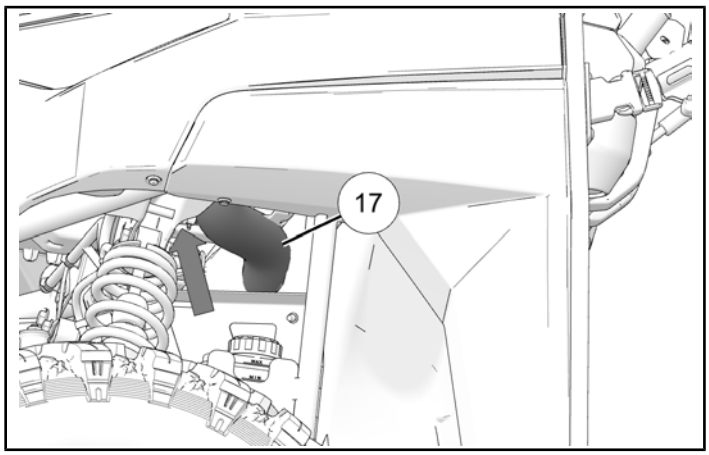
Main dash hidden for clarity.



5. Move fresh air duct ⑰ up and through pre-cut opening in the front close-off panel.

NOTICE
Main dash hidden for clarity.

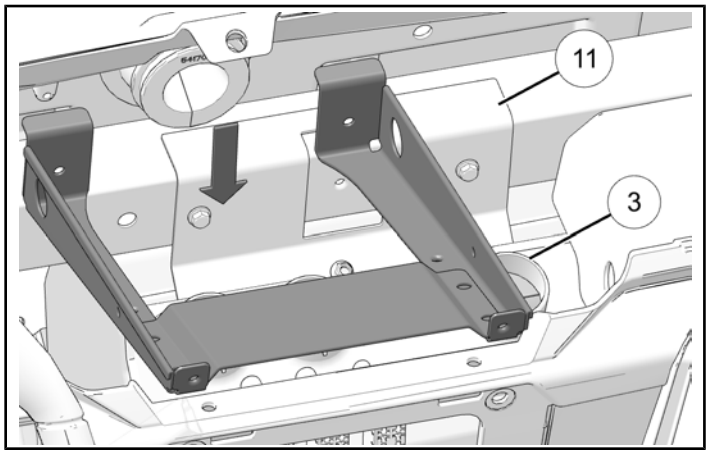




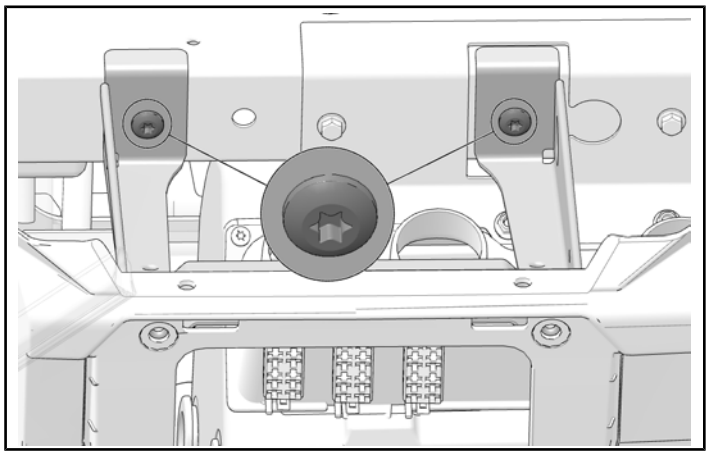
DASH SUPPORT BRACKET INSTALLATION

1. Align dash support bracket with holes on chassis bar.

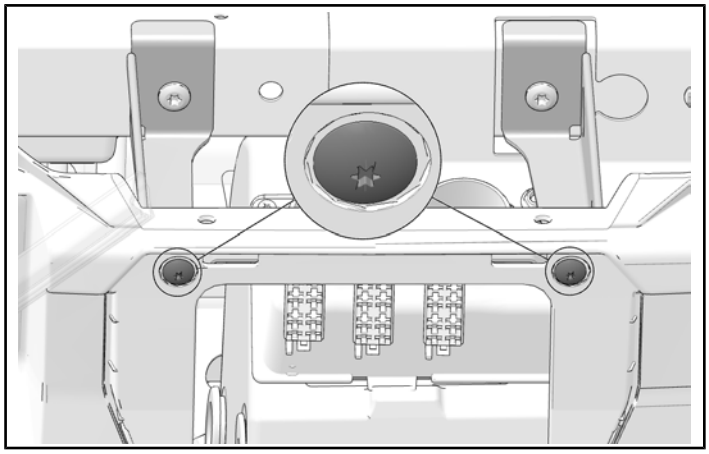
NOTICE
Dash support bracket will install above manifold ③ and inside heater mount bracket ⑪.



2. Attach dash support bracket to the chassis bar with two kept large screws.



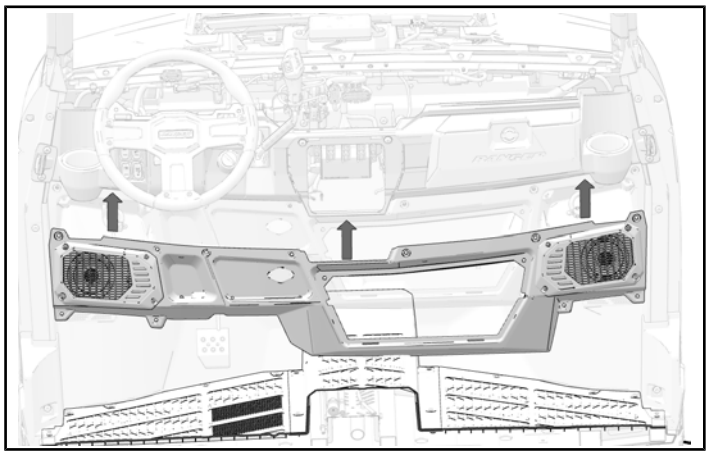
3. Attach dash support bracket to the dash with two kept small screws.



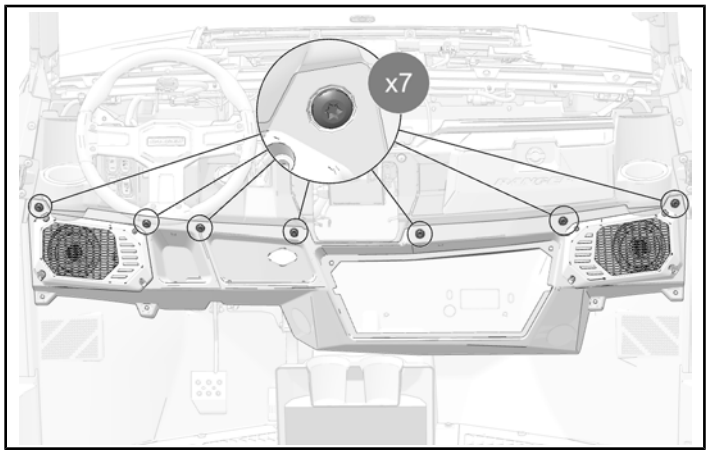
4. Tighten all four dash support bracket screws until fully seated.

LOWER DASH INSTALLATION

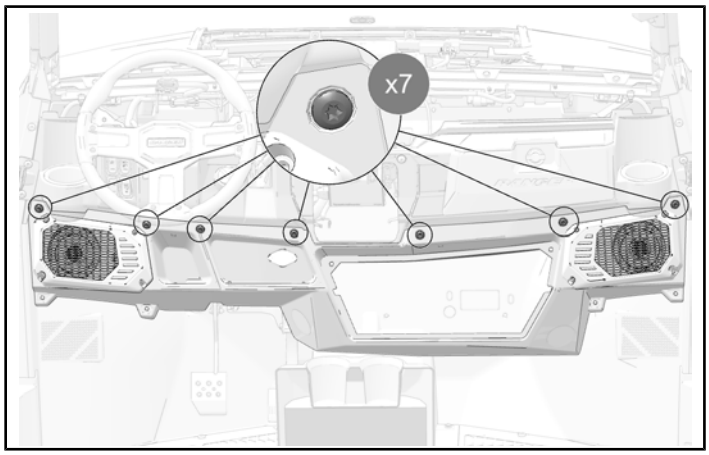
1. If needed, reconnect electrical harnesses to lower dash panel accessories.
2. Put lower dash into vehicle.



3. Attach lower dash to main dash with seven kept M6 screws.



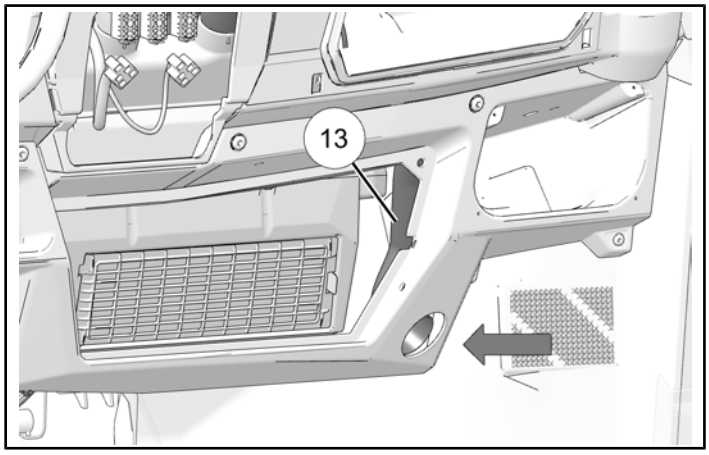
4. Attach lower dash to front close-off panel with four kept Hi/Lo screws.



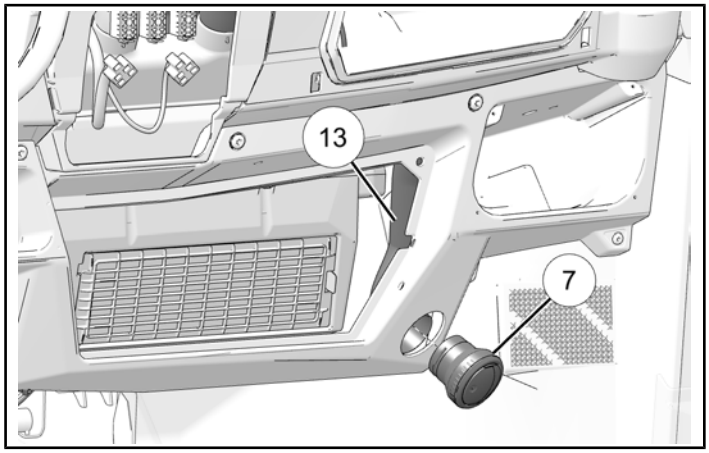
5. Tighten all screws until fully seated.

FOOTWELL VENTS INSTALLATION

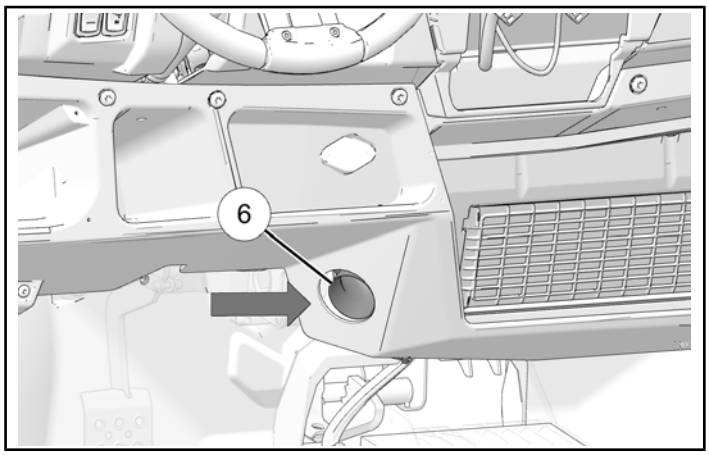
1. Move lower section of duct ⑬ to pre-cut lower dash opening.



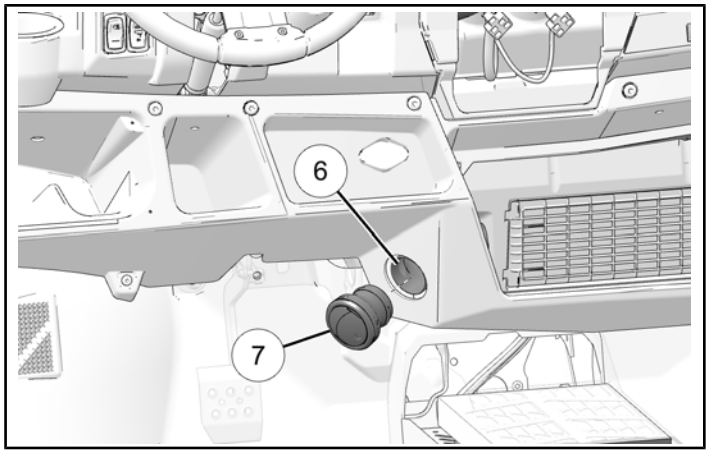
2. Install vent ⑦ onto duct ⑬. Attach vent to duct with cable tie ㉖.



3. Move lower section of duct ⑥ to pre-cut lower dash opening.



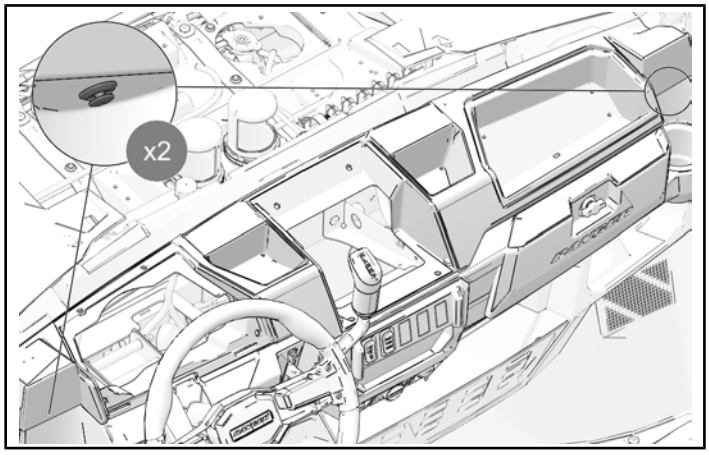
4. Install vent ⑦ onto duct ⑥. Attach vent to duct with cable tie ㉖.



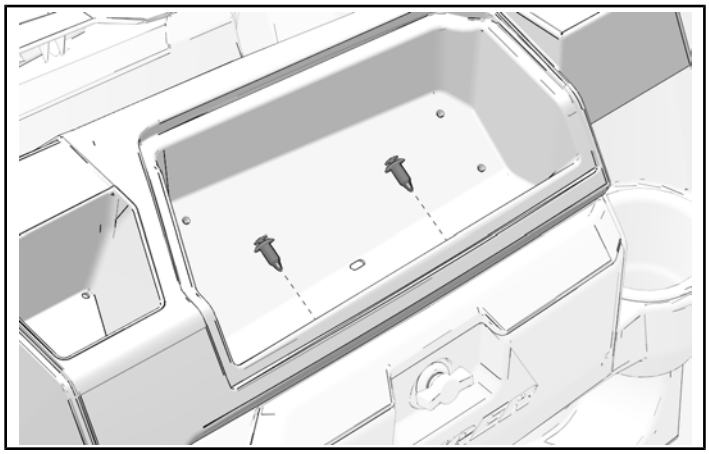
UPPER DASH INSTALLATION

1. Install upper dashboard with two kept push-pin rivets.

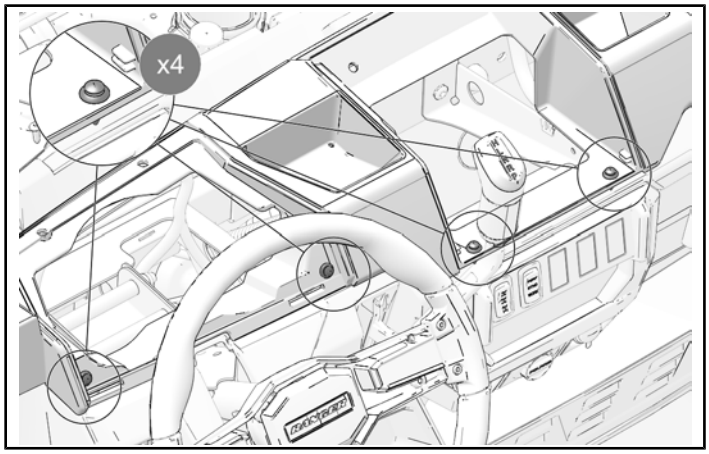
TIP
Push-pin rivets are installed above side cup holders.



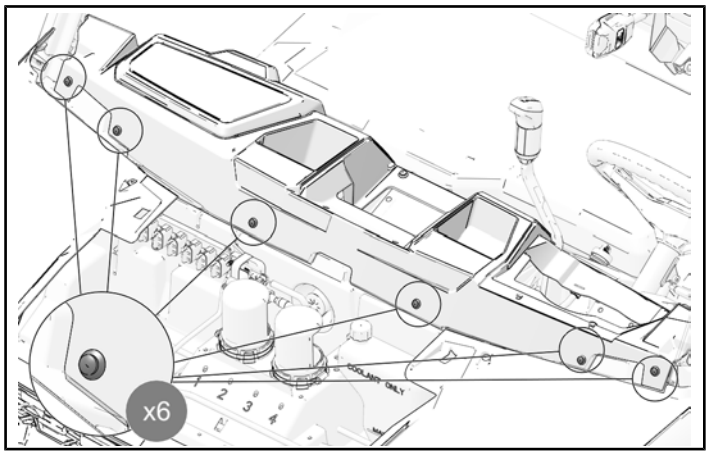
2. Install two kept push-pin rivets on passenger's side of upper dashboard.



3. Install four kept push-pin rivets on driver's side of upper dashboard.

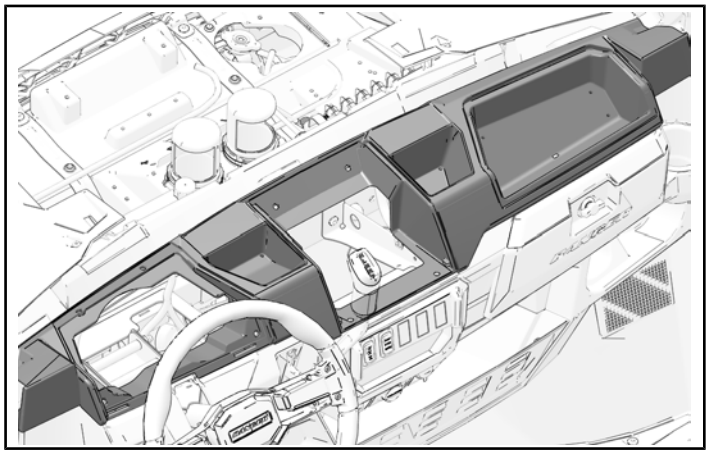


4. Install front of upper dashboard with six kept push-pin rivets.

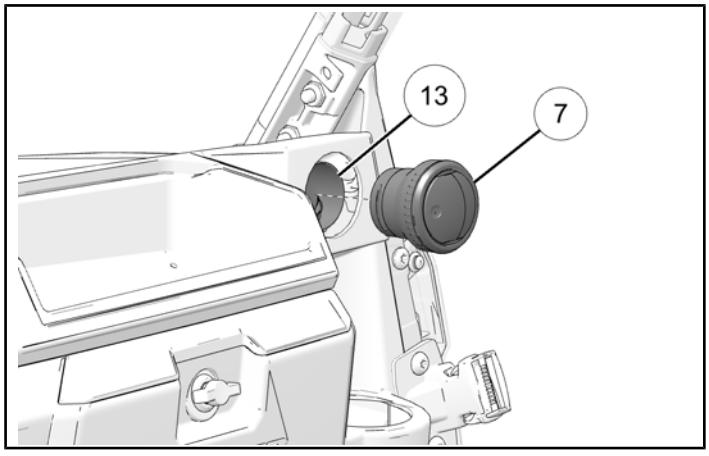


UPPER DASH HEATER VENTS INSTALLATION

1. Put upper dash in vehicle.

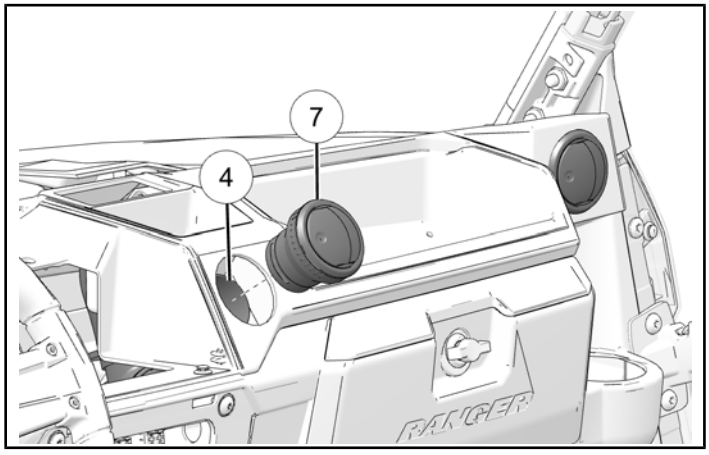


2. Move upper section of duct ⑬ to pre-cut upper dash opening.
3. Install vent ⑦ into duct ⑬. Attach vent to duct with cable tie ㉖.

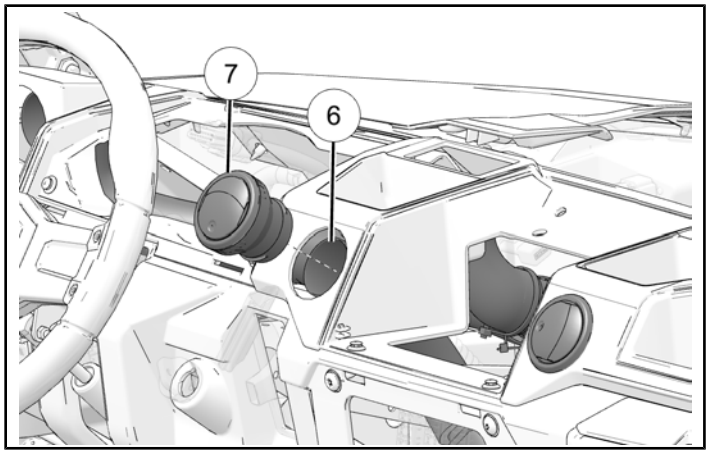


4. Move upper section of duct ④ to pre-cut upper dash opening.

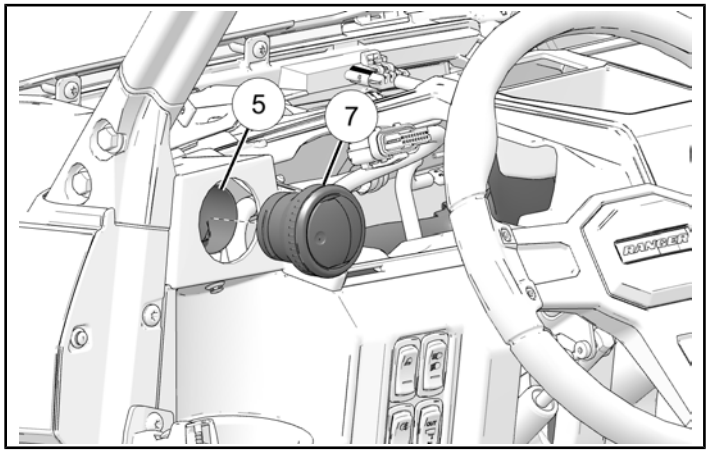
5. Install vent ⑦ into duct ④. Attach vent to duct with cable tie ㉖.



6. Move upper section of duct ⑥ to pre-cut dash opening.
7. Install vent ⑦ into duct ⑥. Attach vent to duct with cable tie ㉖.



8. Move upper section of duct ⑤ to pre-cut dash opening.
9. Install vent ⑦ into duct ⑤. Attach vent to duct with cable tie ㉖.

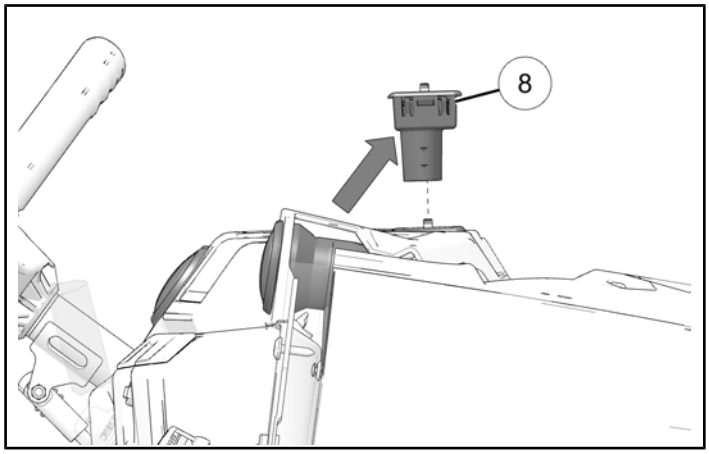


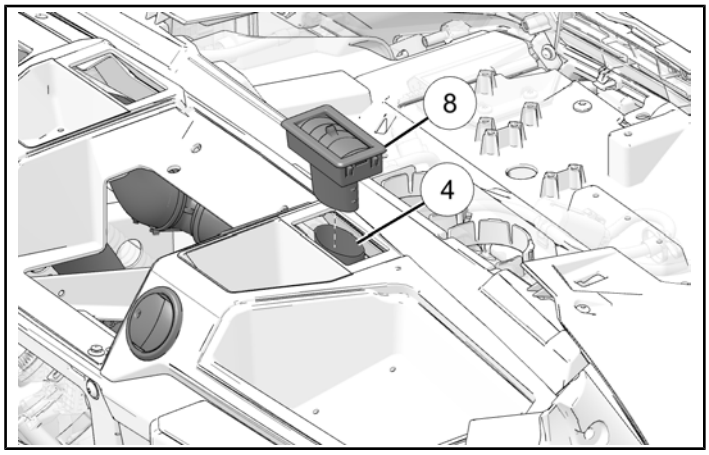
10. Move oval section of duct ④ to pre-cut dash opening.

11. Attach defrost vent ⑧ to duct ④ with cable tie ㉖.

IMPORTANT

Make sure defrost vent ⑧ is installed with narrow edge facing inside of vehicle.

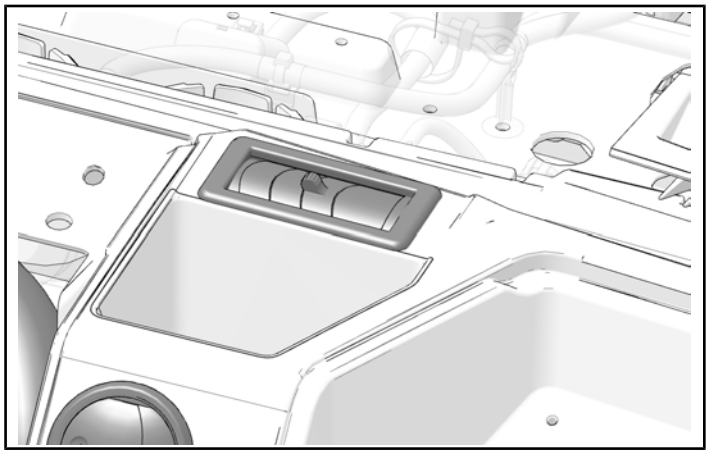




12. Push vent and duct down into upper dash opening until vent locks into place on upper dash.

TIP

Hold dash as vent is locked into place.

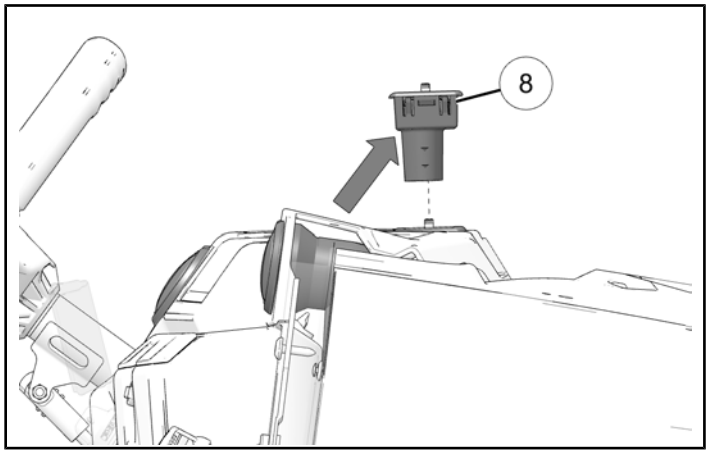


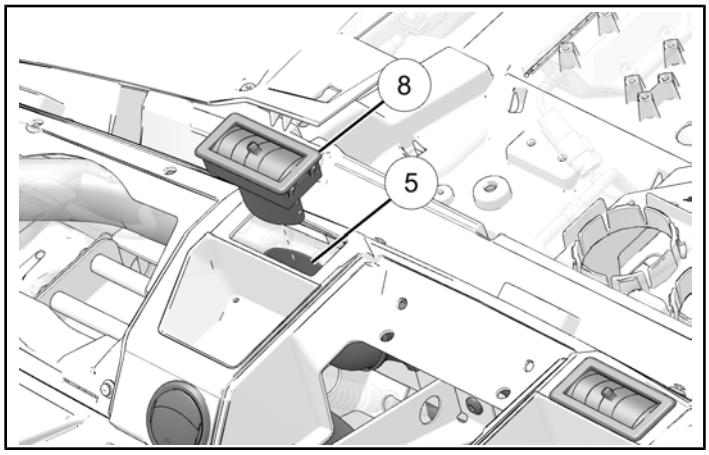
13. Move oval section of duct ⑤ to pre-cut dash opening.

14. Attach defrost vent ⑧ to duct ⑤ with cable tie ㉖.

IMPORTANT

Make sure defrost vent ⑧ is installed with narrow edge facing inside of vehicle.

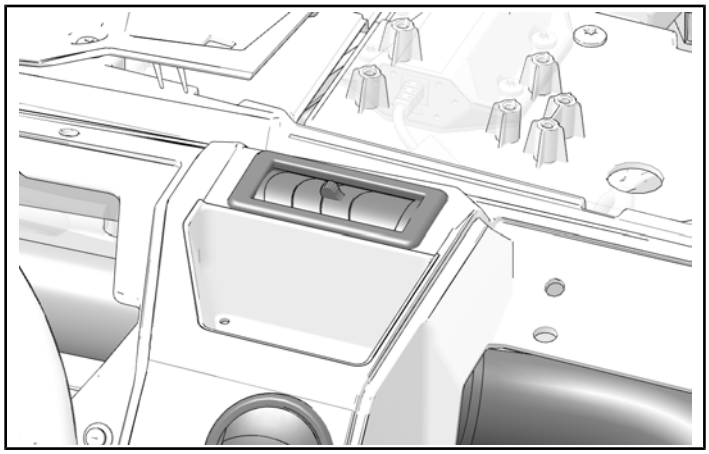




15. Push vent and duct down into upper dash opening until vent locks into place on upper dash.

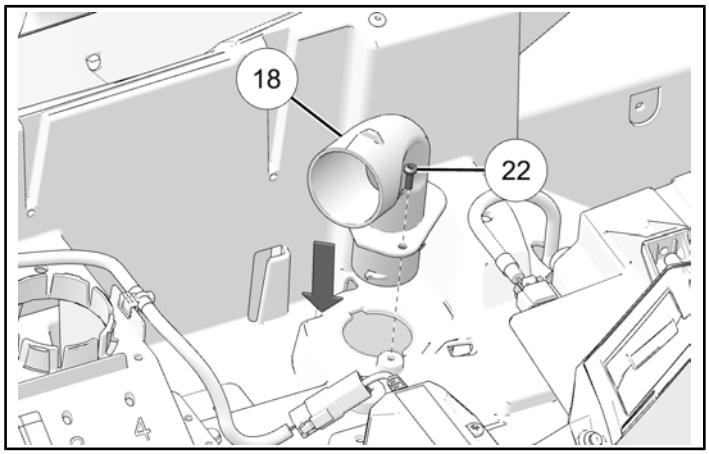
TIP

Hold dash as vent is locked into place.



FRESH AIR INTAKE INSTALLATION

1. Install filter support ⑱ through opening in under hood liner with one screw ㉒.

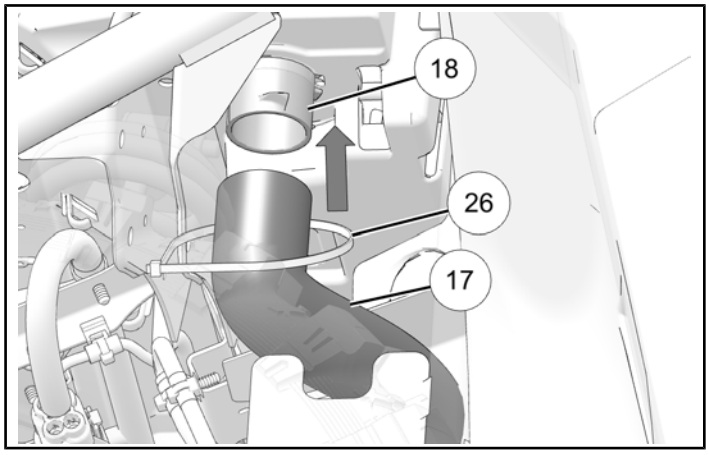


2. Torque screw to specification.

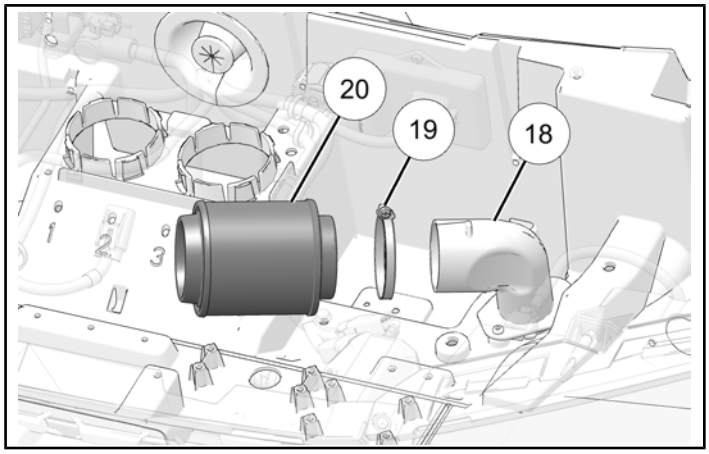
TORQUE

Filter Support Screw ㉒:
18 in-lbs (2 N·m)

3. Install fresh air intake duct ⑰ to filter support ⑱ with cable tie ㉖.



4. Attach air box filter ⑳ to filter support ⑱ with clamp assembly ⑲.



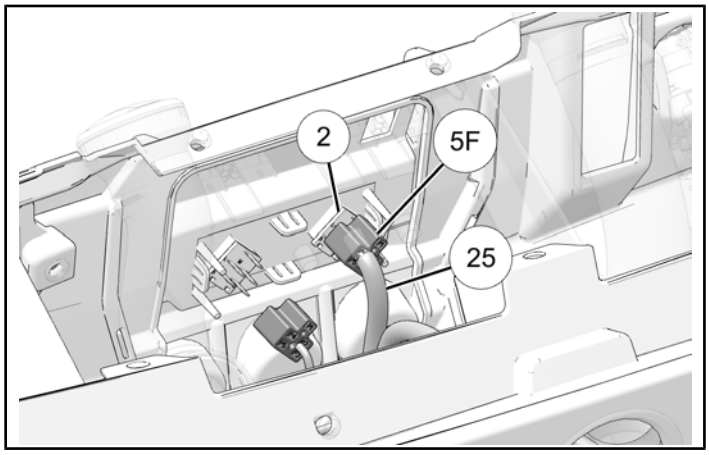
5. Torque clamp screw to specification.

TORQUE
Air Box Filter Clamp Screw ⑲: **26 in-lbs (3 N·m)**

CONTROL PANEL INSTALLATION

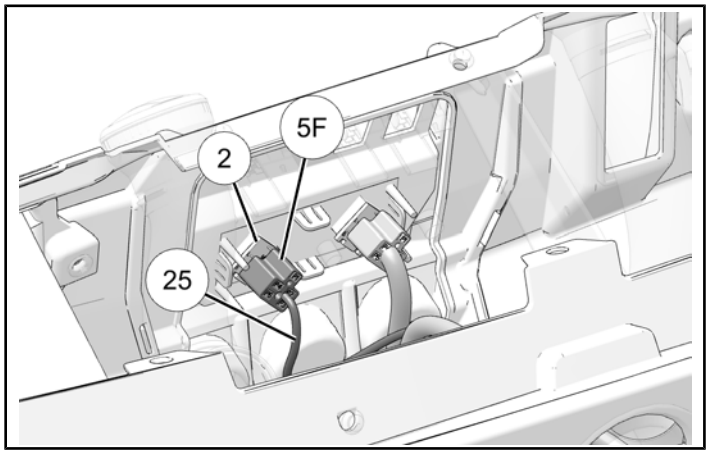
1. Put control panel ② in front of dash opening and connect blower control connector **5F** on heater harness ㉕ to blower connection on control panel ②.

IMPORTANT
Connectors are labeled but look similar, make sure the correct connectors are on the correct switch.



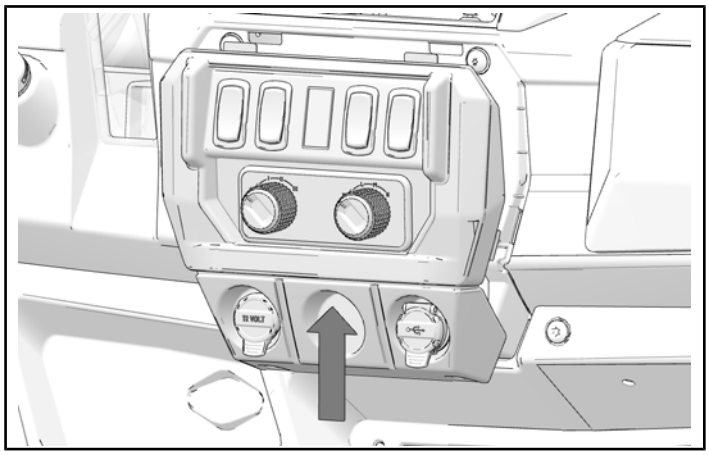
2. Connect temperature control connector **5F** on heater harness ㉕ to temperature connection on control panel ②.

IMPORTANT
Connectors are labeled but look similar, make sure the correct connectors are on the correct switch.

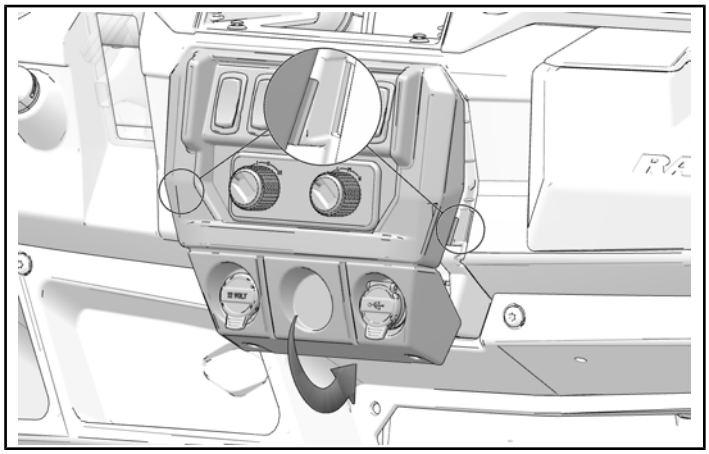


3. Reconnect all control panel electrical harnesses.

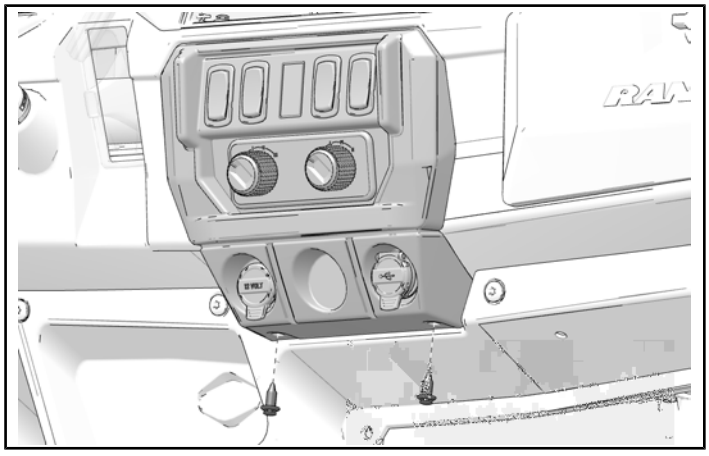
4. Install two upper tabs on control panel into main dash panel.



5. Install two side tabs on control panel to main dash panel.

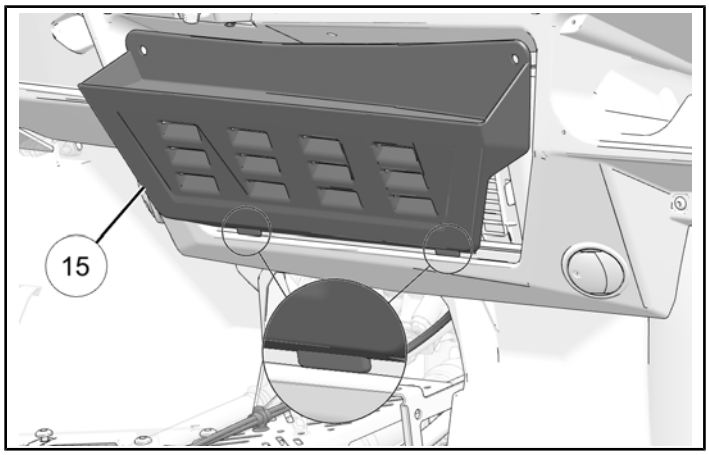


6. Attach control panel to upper dash with two kept push-pin rivets.

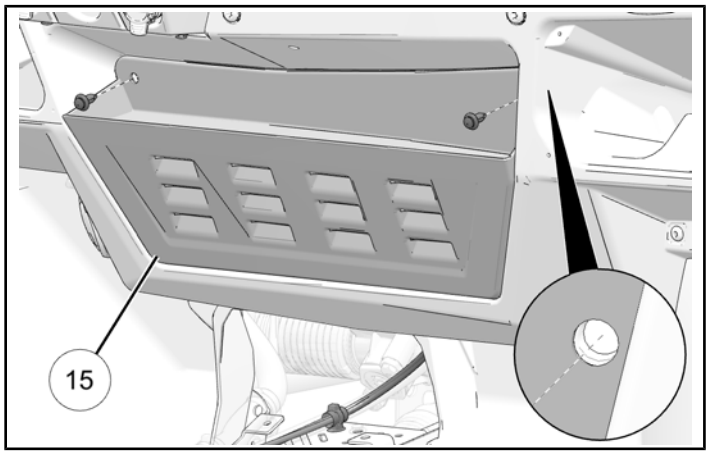


LOWER STORAGE COMPARTMENT INSTALLATION

1. Install two lower tabs on lower storage compartment ⑮ into lower dash panel.

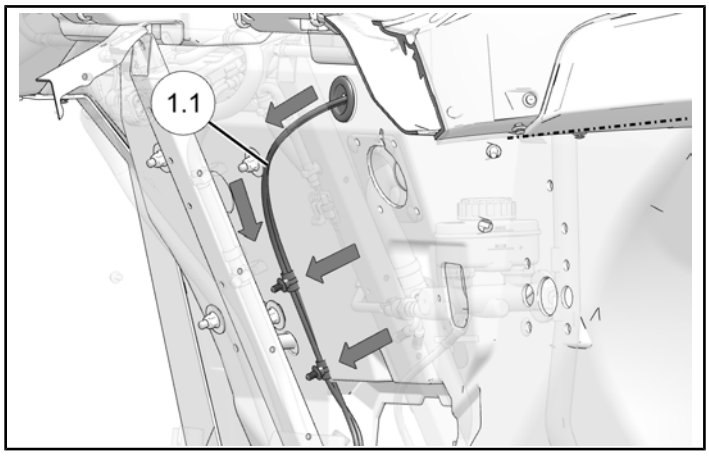


2. Attach lower storage compartment ⑮ to lower dash panel with two kept push-pin rivets.

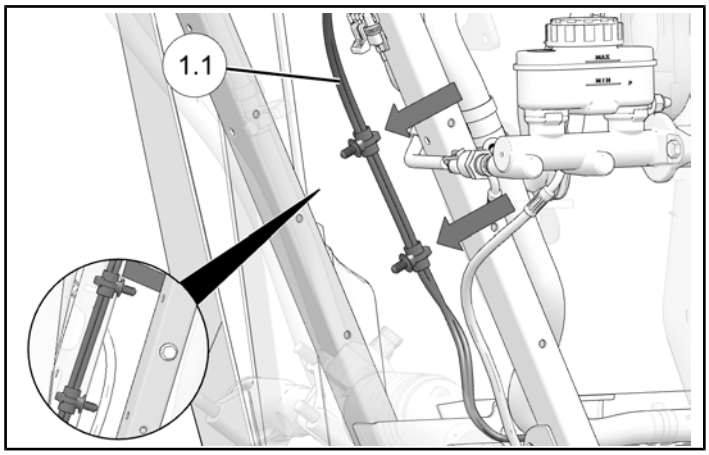


HEATER POWER HARNESS INSTALLATION

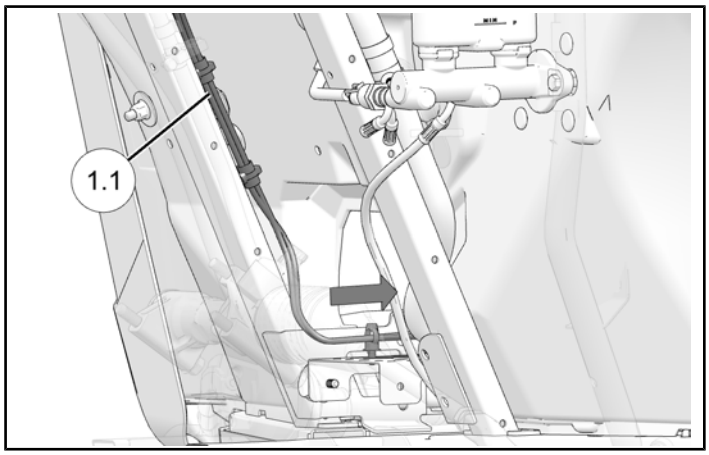
1. Route heater power harness **1.1** down front close-off panel and along passenger side chassis bar.



2. Attach heater power harness **1.1** to passenger side chassis bar with two push dart cable ties.

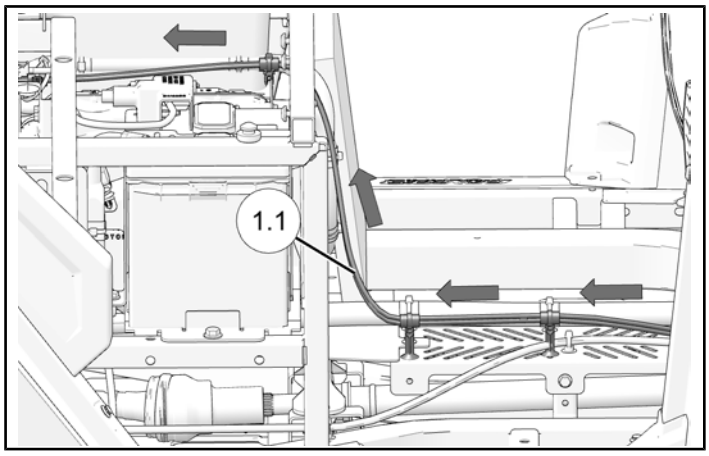


3. Route heater power harness **1.1** through vehicle tunnel toward rear of vehicle.

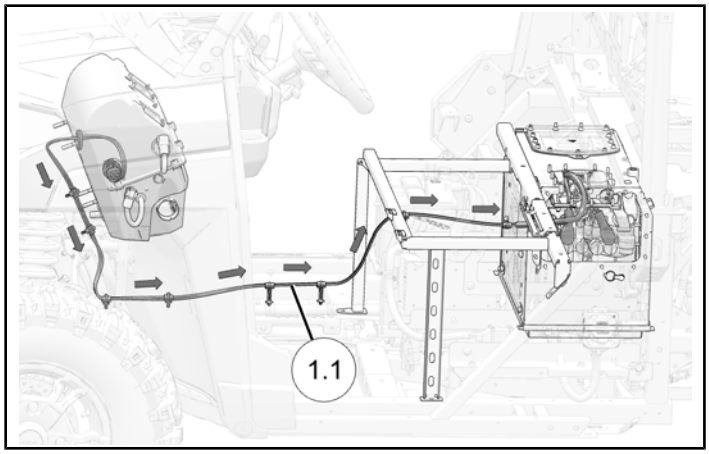


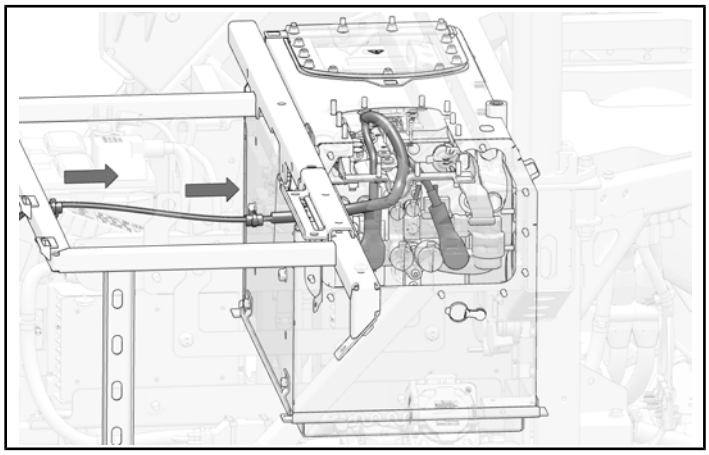
4. Route heater power harness **1.1** through vehicle tunnel toward rear of vehicle and to busbar connection on battery.

IMPORTANT
Identify correct harness routing before proceeding.

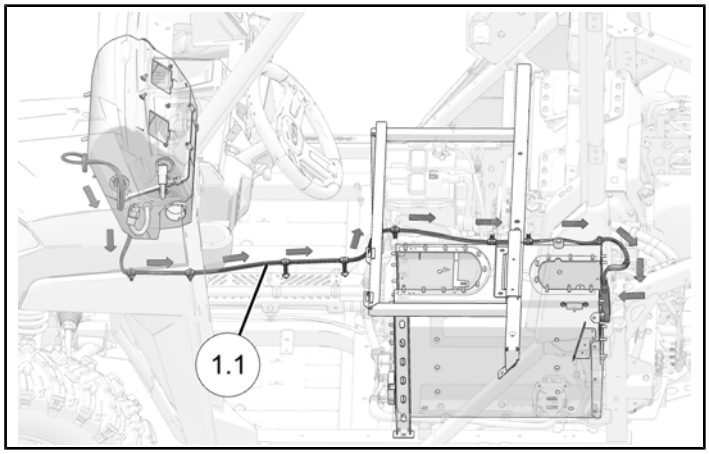


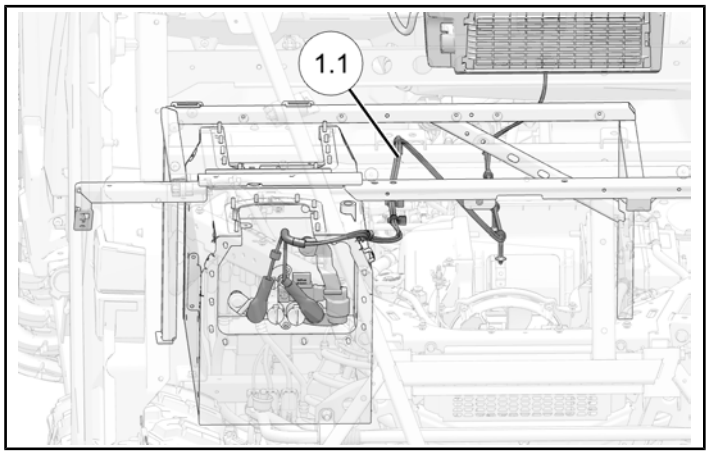
- Single battery heater power harness **1.1** routing:





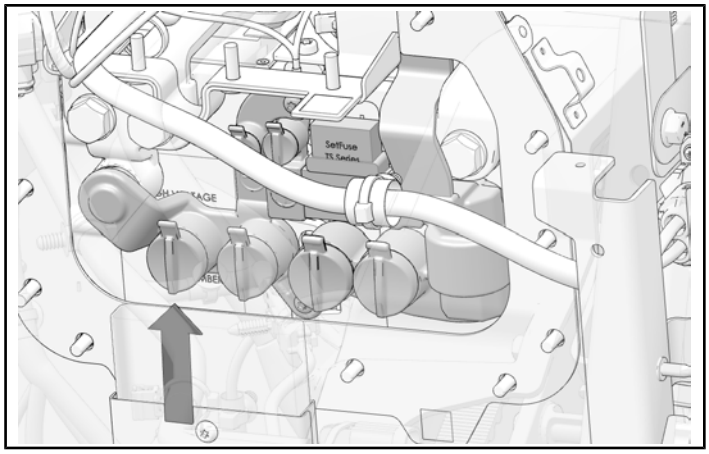
- Dual battery heater power harness **1.1** routing:





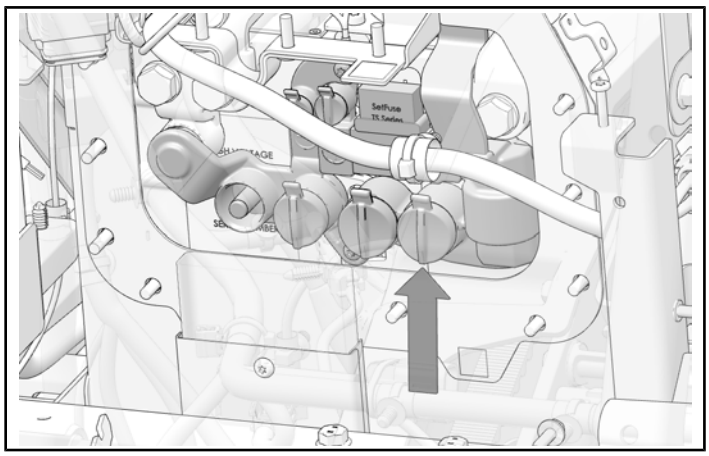
5. Remove and discard large plug on the negative (-) high voltage busbar.

NOTICE
Either negative (-) port on busbar may be used for the heater power harness.

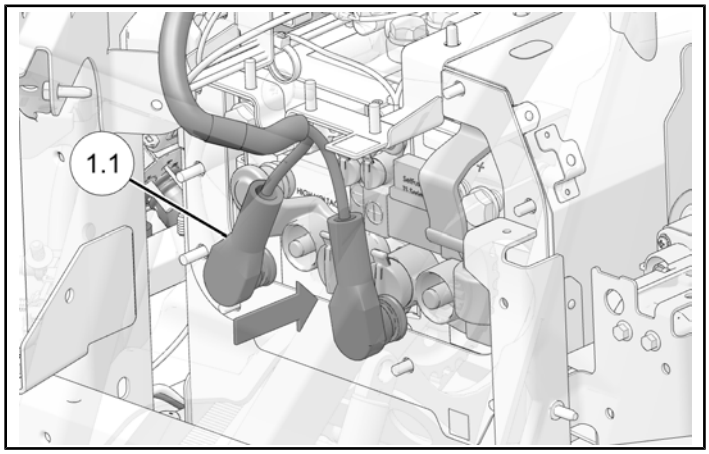


6. Remove and discard large plug on the positive (+) high voltage busbar.

NOTICE
Either positive (+) port on busbar may be used for the heater power harness.



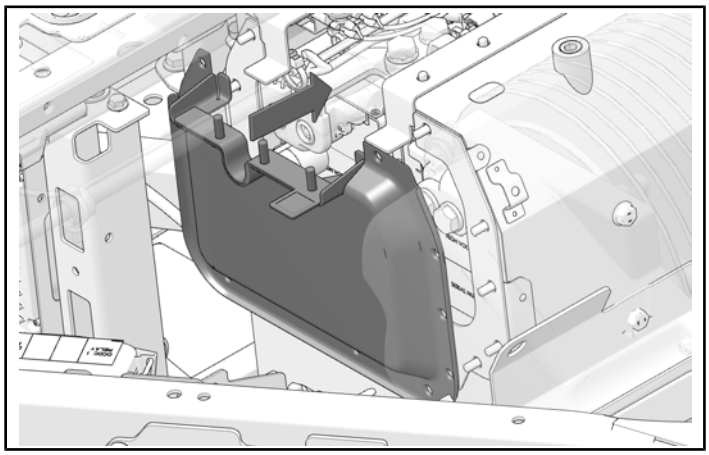
7. Install heater power harness **1.1** to busbar.



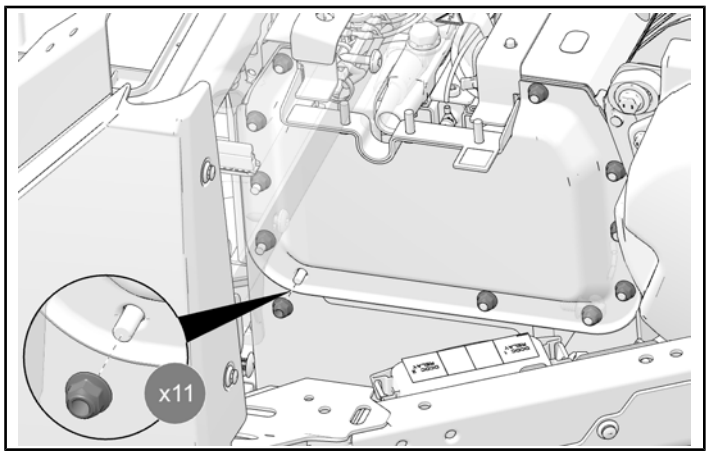
PASSENGER SIDE BATTERY ENCLOSURE PANEL INSTALLATION — SINGLE BATTERY VEHICLES ONLY

SIDE PANEL INSTALLATION

1. Install battery enclosure side panel onto studs.



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

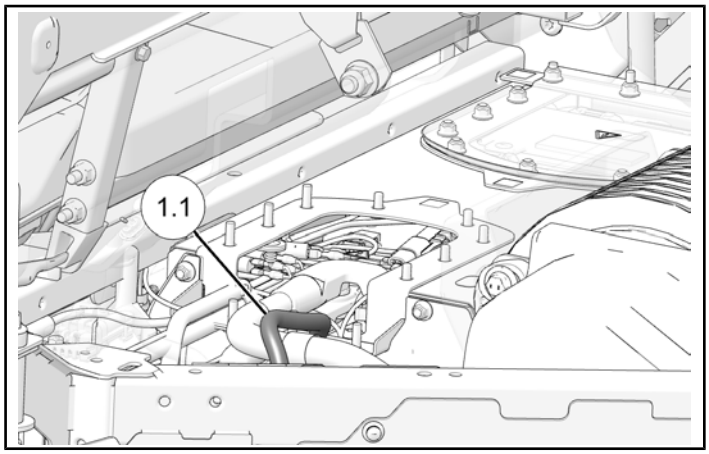


3. Torque nuts to specification.

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

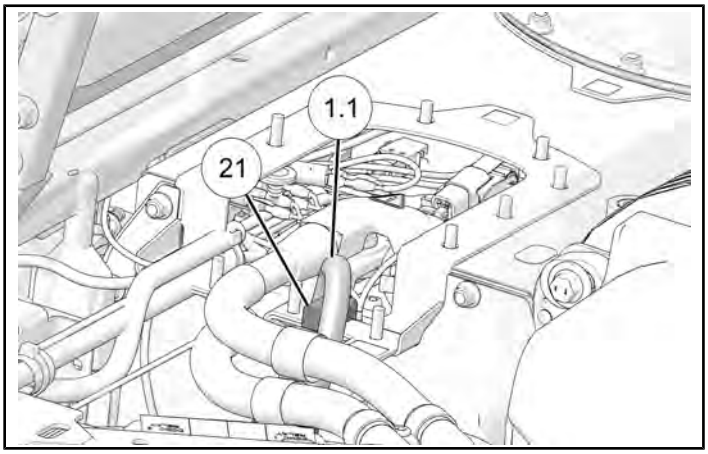
TOP PANEL INSTALLATION

1. Route heater harness ① through open slot on top panel.



2. Install small plug ㉑ into open slot under heater harness ①.

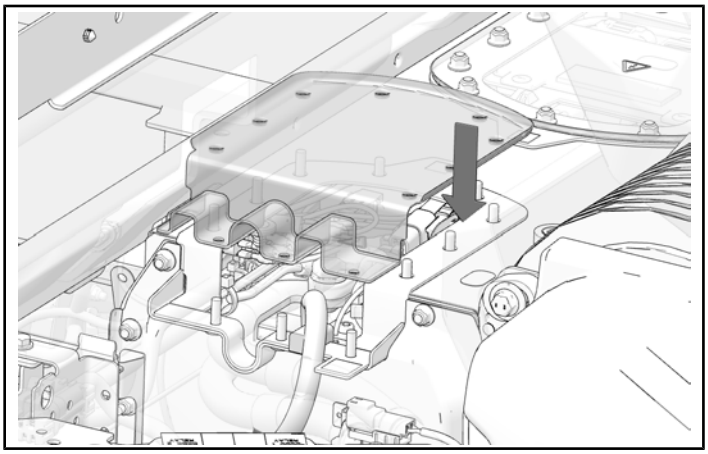
NOTICE
Plug will not be needed when more than one high voltage accessory is installed on a battery.



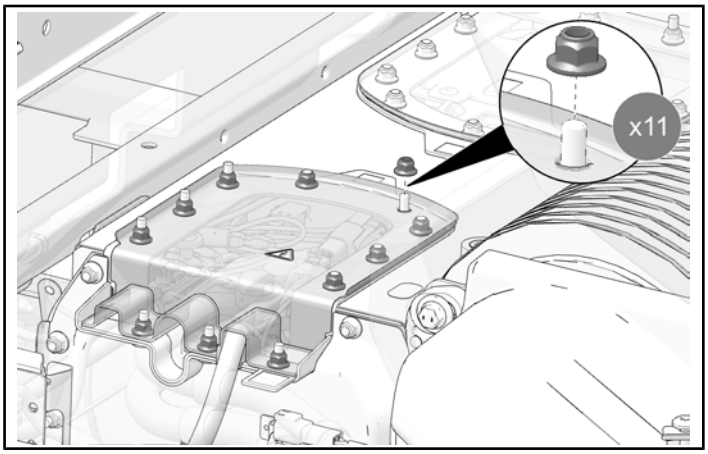
3. Install battery enclosure top panel onto studs.

NOTICE
Align power harnesses with open slots in top panel and side panel.

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.

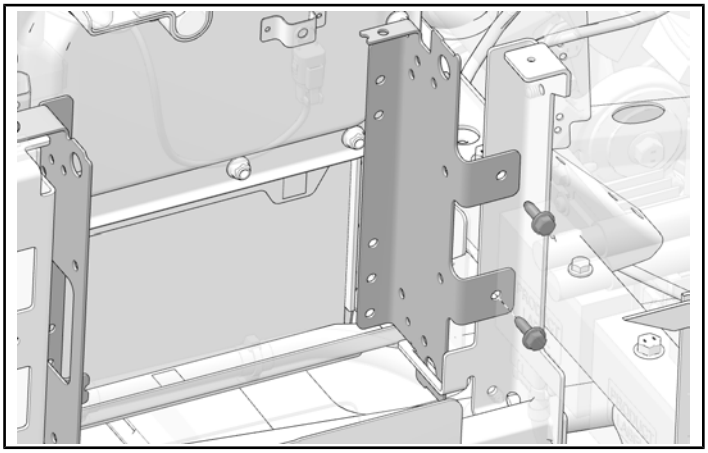


5. Torque nuts to specification.

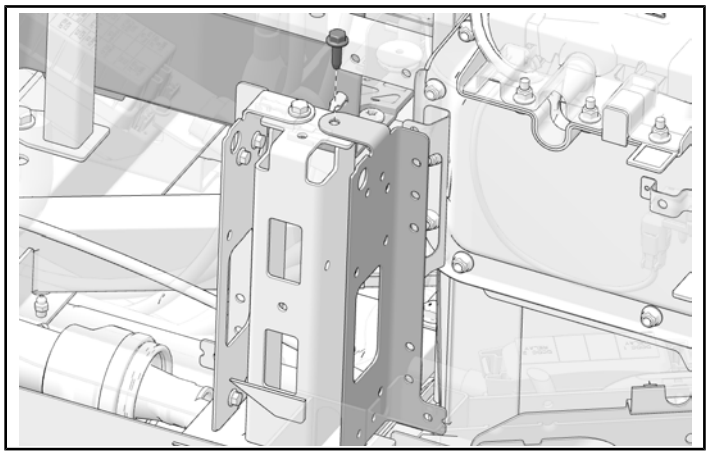
TORQUE
Battery Enclosure Side Panel Nuts: **53 in-lbs (6 N·m)**

CHARGER MOUNT BRACKETS INSTALLATION — SINGLE BATTERY VEHICLES 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.

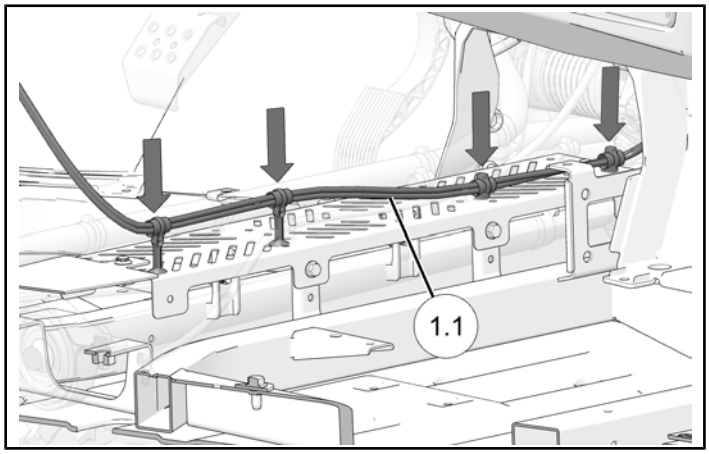


3. Torque screws to specification.

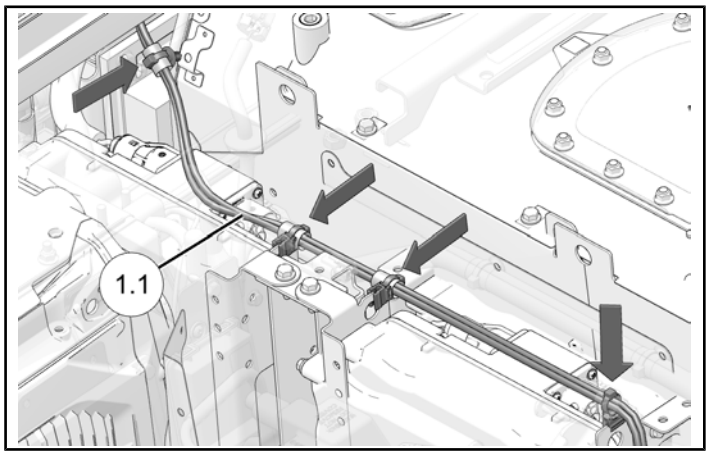
TORQUE
Charger Bracket Screws: **108 in-lbs (12 N·m)**

HEATER POWER HARNESS INSTALLATION TO VEHICLE — DUAL AND SIGNAL BATTERY VEHICLES

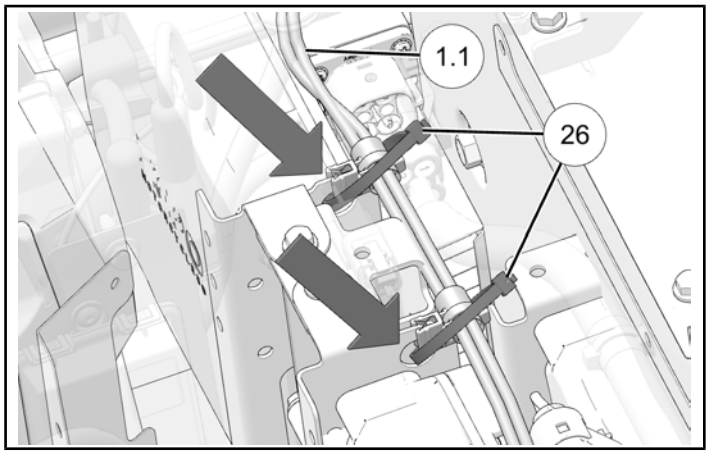
1. Attach heater power harness **1.1** to chassis bar, located in the vehicle tunnel, with pre-installed push-pin rivets.



2. Attach heater power harness **1.1** to brackets with pre-installed edge clips.



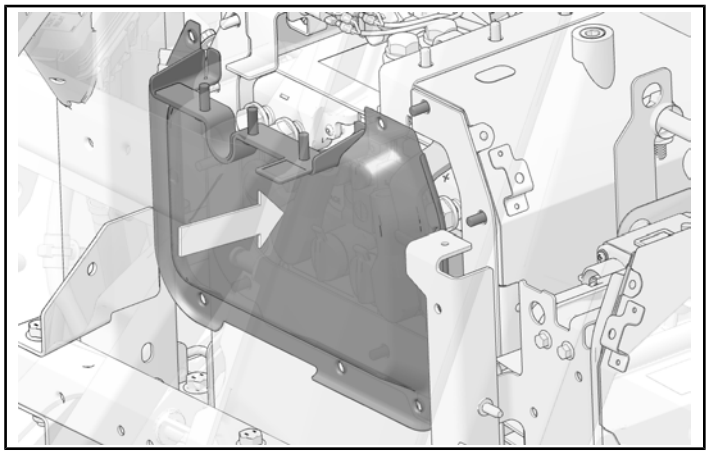
3. Attach edge clips on heater power harness **1.1** to brackets with cable ties ㉖.



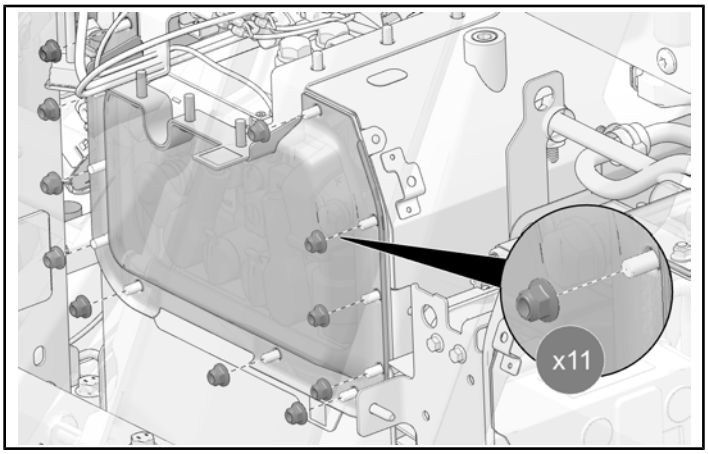
DRIVER SIDE BATTERY ENCLOSURE PANEL INSTALLATION (IF EQUIPPED) — DUAL BATTERY VEHICLES ONLY

SIDE PANEL INSTALLATION

1. Install battery enclosure side panel onto studs.



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

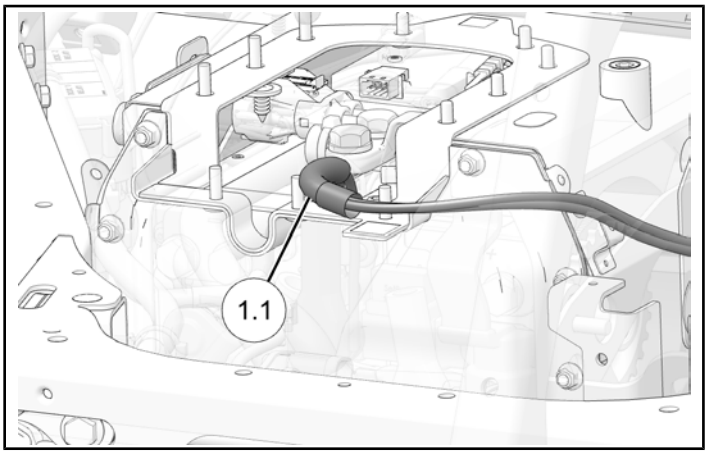


3. Torque nuts to specification.

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

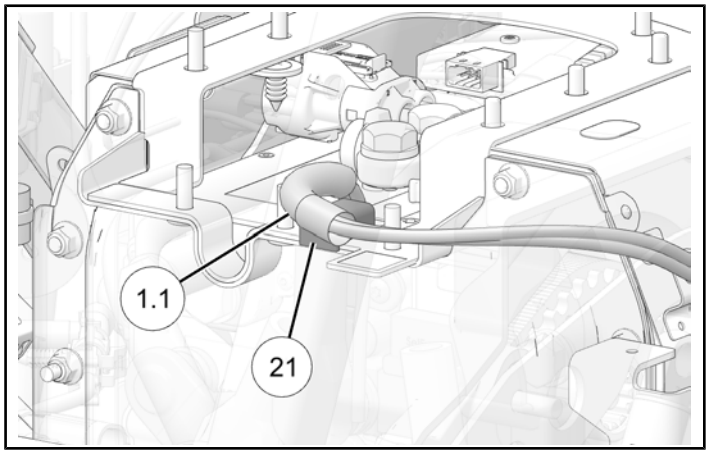
TOP PANEL INSTALLATION

1. Route heater harness ① through open slot on top panel.



2. Install small plug ㉑ into open slot with heater harness ①.

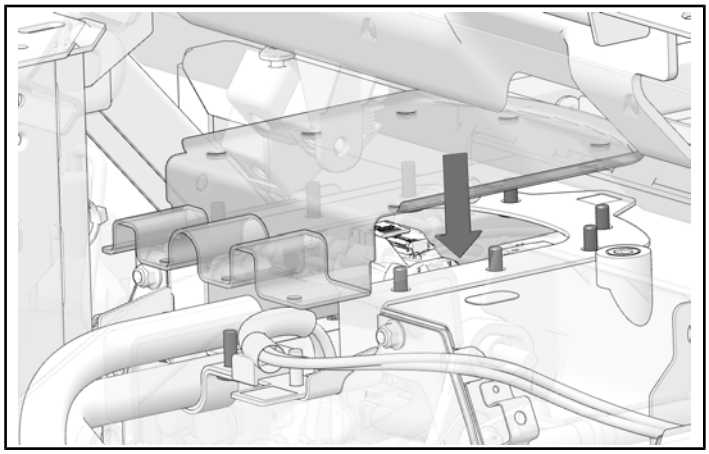
NOTICE
Plug will not be needed when more than one high voltage accessory is installed on a battery.



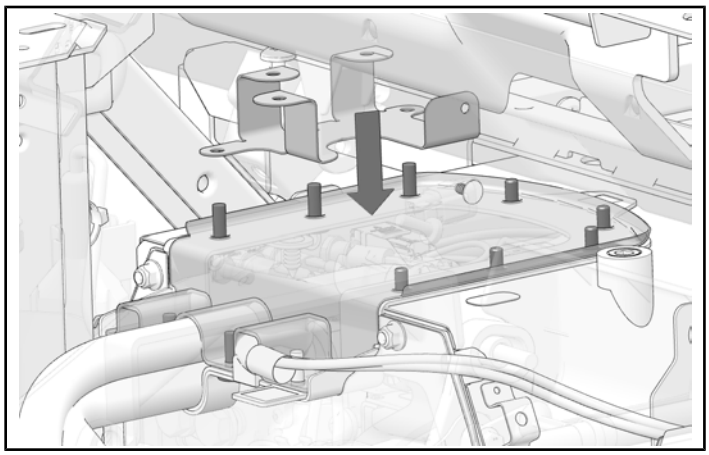
3. Install battery enclosure top panel onto studs.

NOTICE
Align power harnesses with open slots in top panel and side panel.

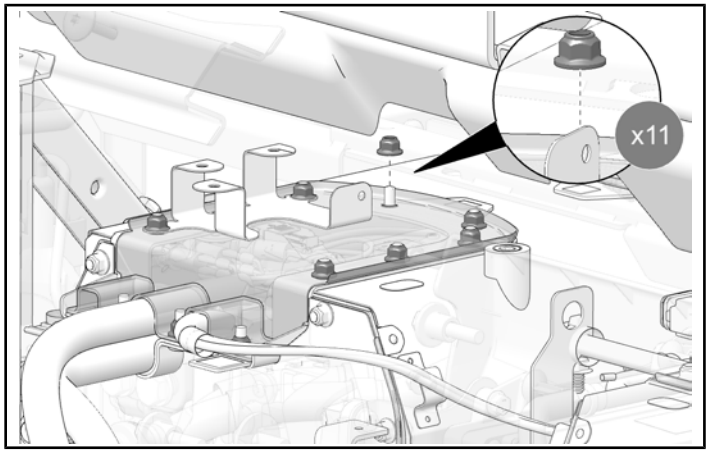
IMPORTANT
Make sure power harnesses are not pinched between top panel and side panel when installed.



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



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



6. Torque nuts to specification.

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

VEHICLE REASSEMBLY

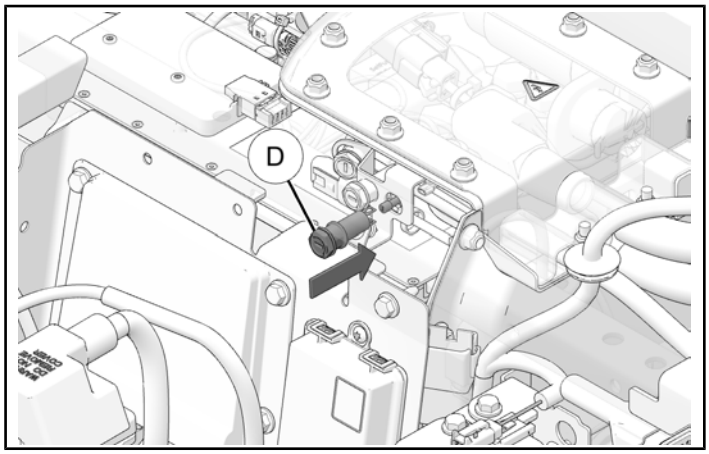
DUAL AND SINGLE BATTERY MODELS

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.

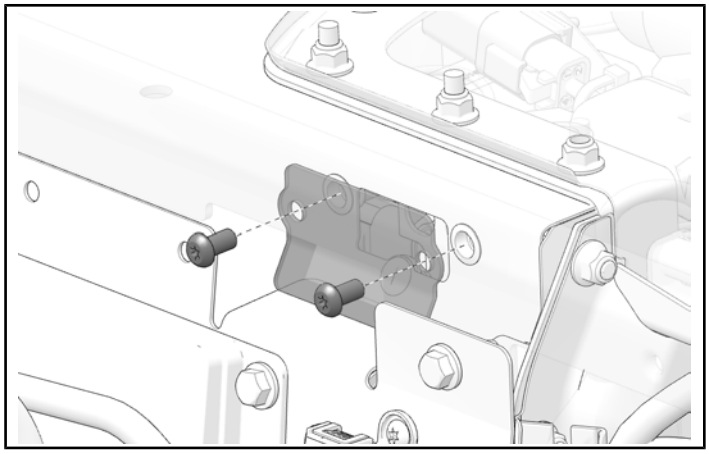
⚠ CAUTION
Always wear high-voltage approved gloves when working on batteries. Failure to wear High Voltage Personal Protective Equipment (HV PPE) when working on batteries could result in minor to moderate injury.

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.

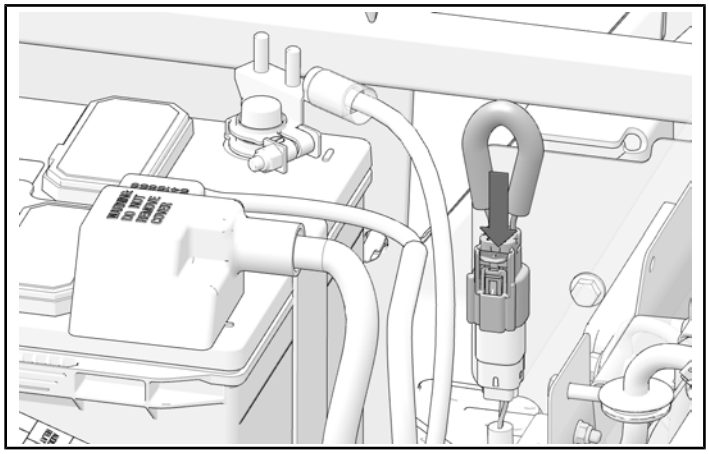
NOTICE
If vehicle is equipped with two batteries, the fuse cover will need to be reinstalled on both batteries.



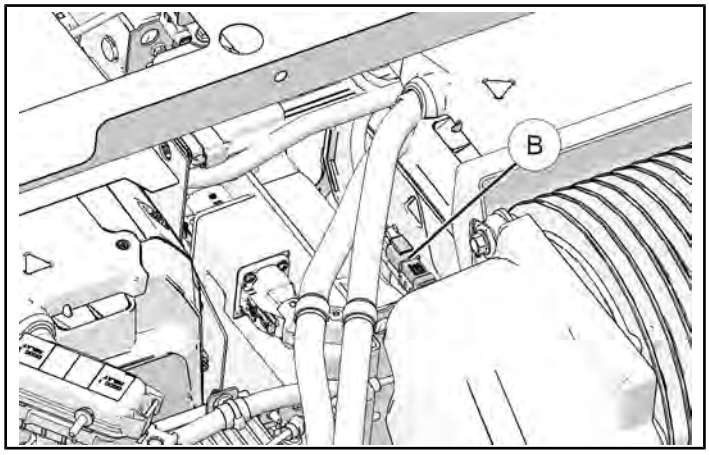
3. Torque screws to specification.

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

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



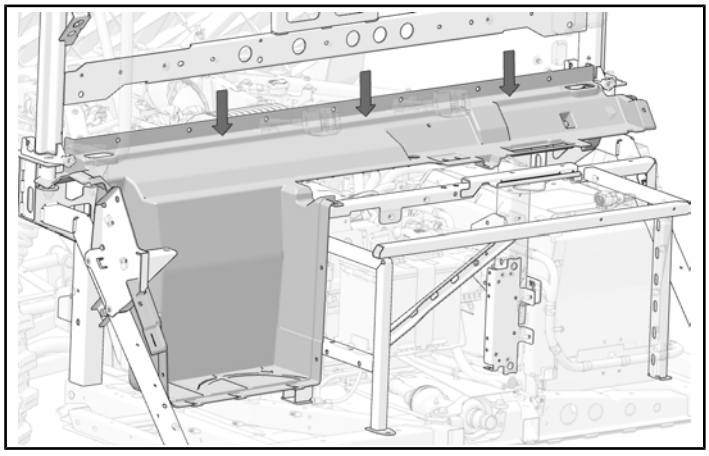
5. Connect the two-pin DC/DC connector Ⓑ, as shown.



LOWER CLOSE-OFF PANEL INSTALLATION

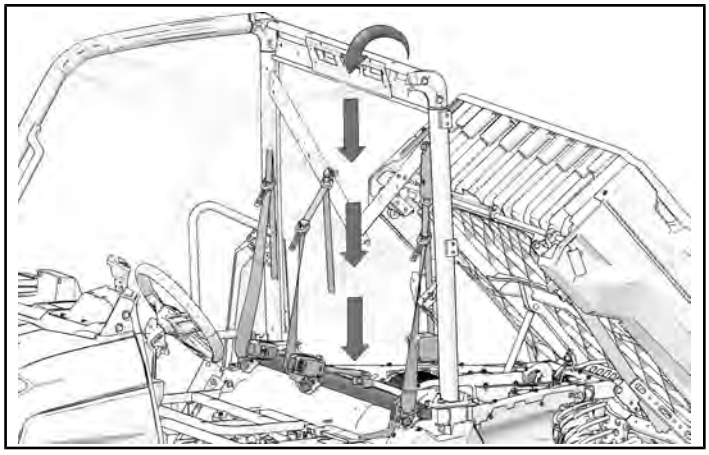
NOTICE
Parts of vehicle hidden for clarity.

1. Put lower close-off panel into vehicle.

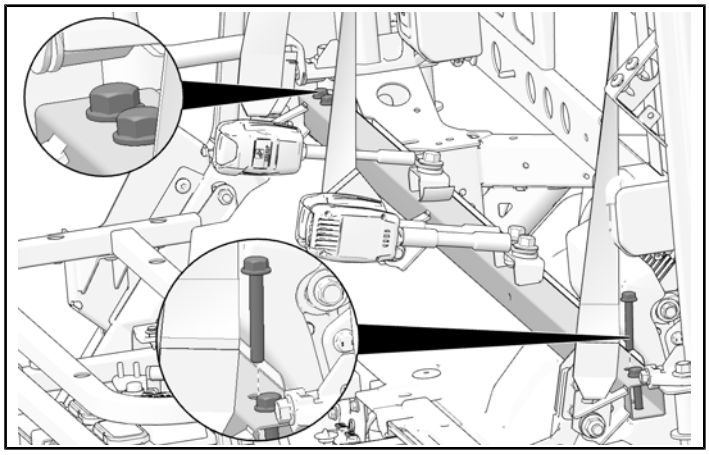


SEATBELT CROSSBAR INSTALLATION

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.

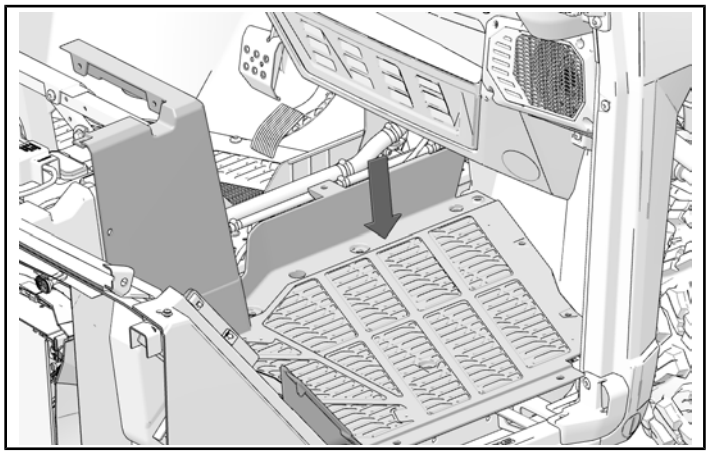


4. Torque bolts to specification.

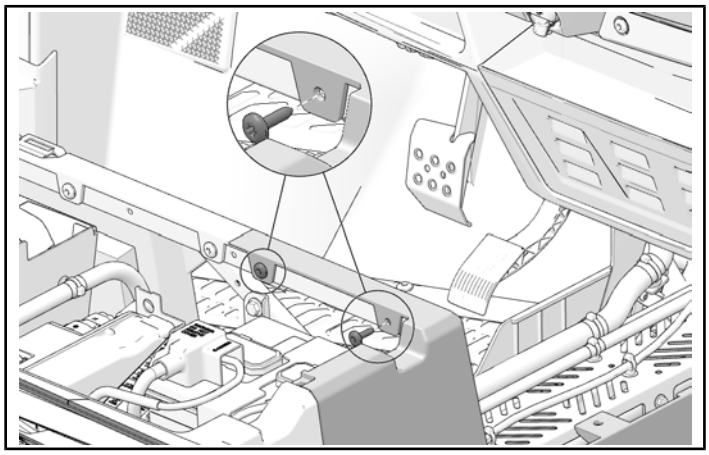
TORQUE
Seatbelt Crossbar Bolts: **14 ft-lbs (19 N·m)**

FRONT PASSENGER FLOOR INSTALLATION

1. Put floor panel into vehicle.



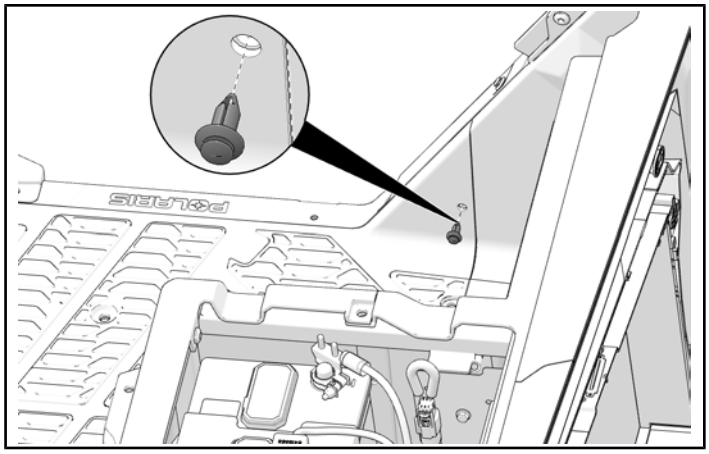
2. Attach floor panel to seat frame with two kept screws.



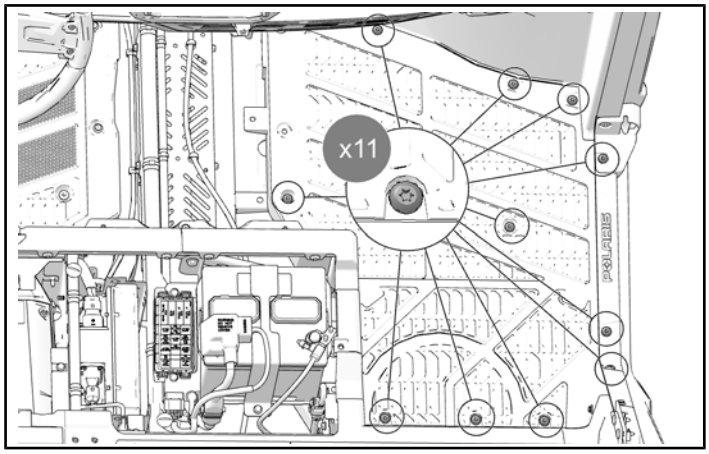
3. Torque screws to specification.

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

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



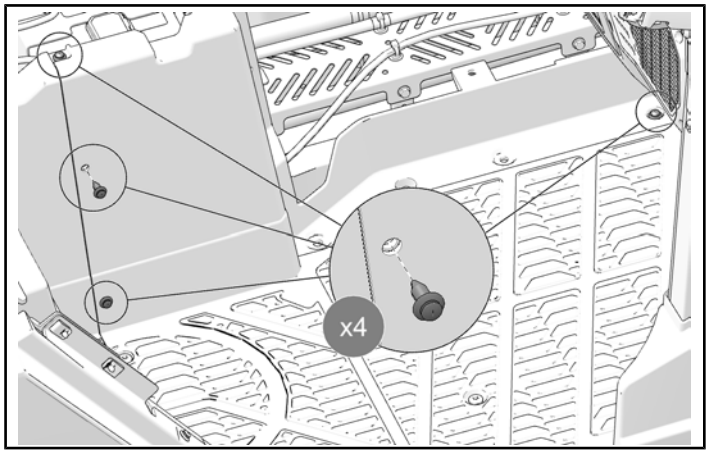
5. Attach floor panel to vehicle with eleven kept screws.



6. Torque screws to specification.

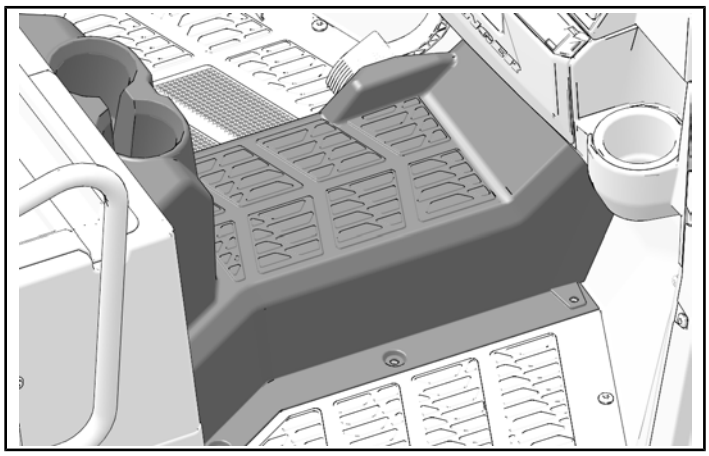
TORQUE
Floor Panel Screws: **42 in-lbs (5 N·m)**

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

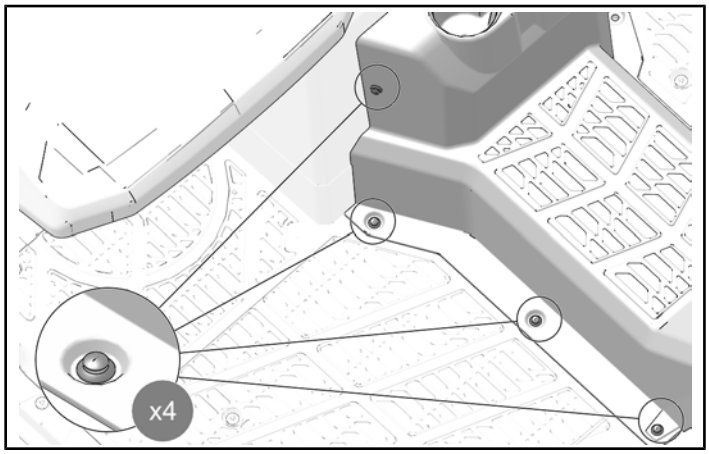


TUNNEL COVER INSTALLATION

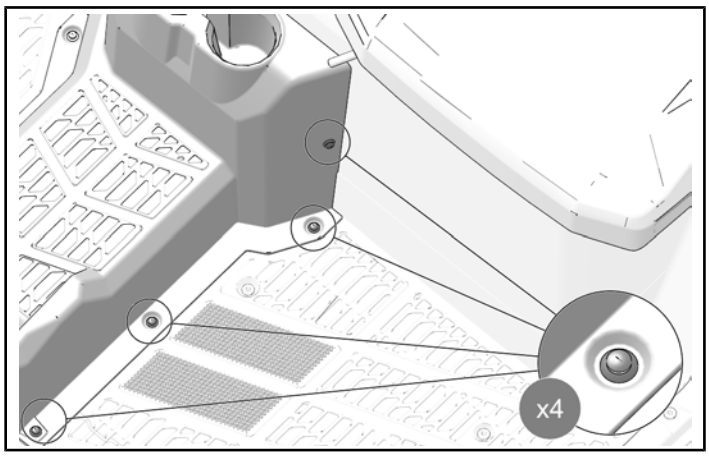
1. Put the tunnel cover in the vehicle.



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

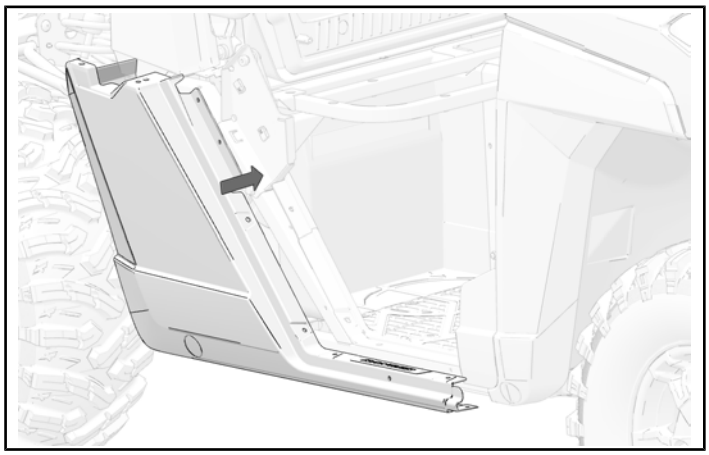


3. Install the left side with four kept push-pin rivets.



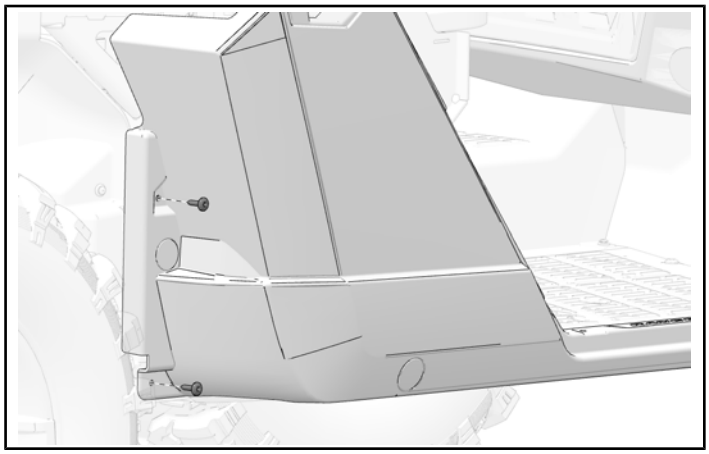
PASSENGER SIDE ROCKER PANEL INSTALLATION

1. Put rocker panel in place on vehicle.



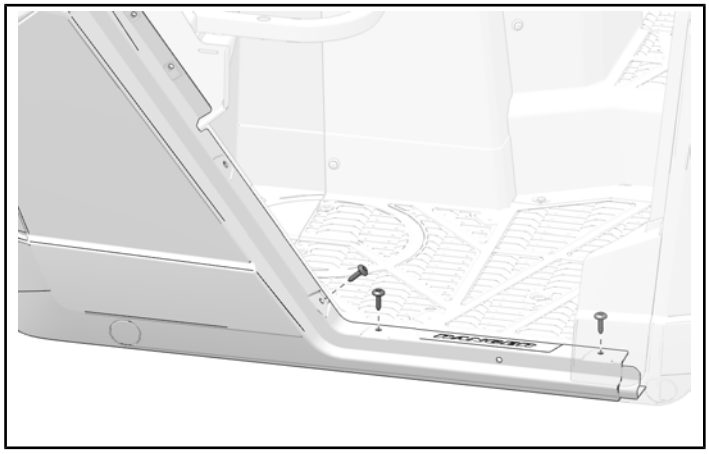
2. Attach rear edge of rocker panel to vehicle frame with two kept screws.

DO NOT torque fasteners at this time.



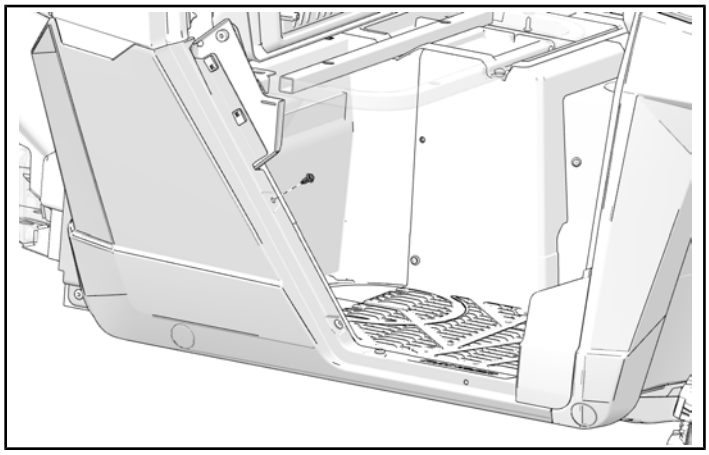
3. Attach door edge of rocker panel to vehicle frame with three kept screws.

DO NOT torque fasteners at this time.



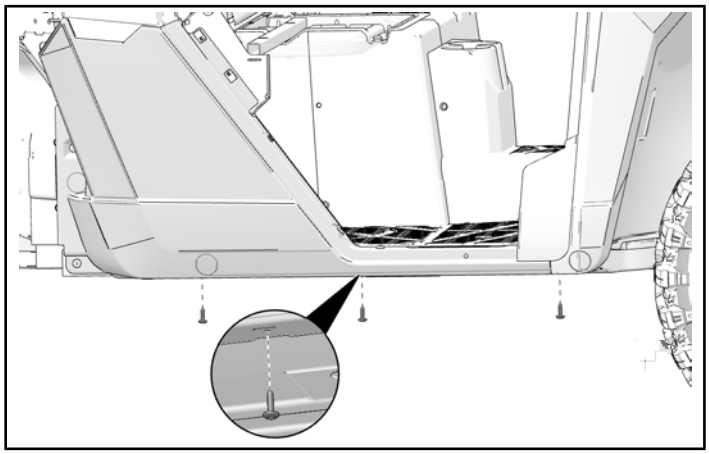
4. Attach upper door edge of rocker panel to vehicle frame with one kept push-pin rivets.

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.



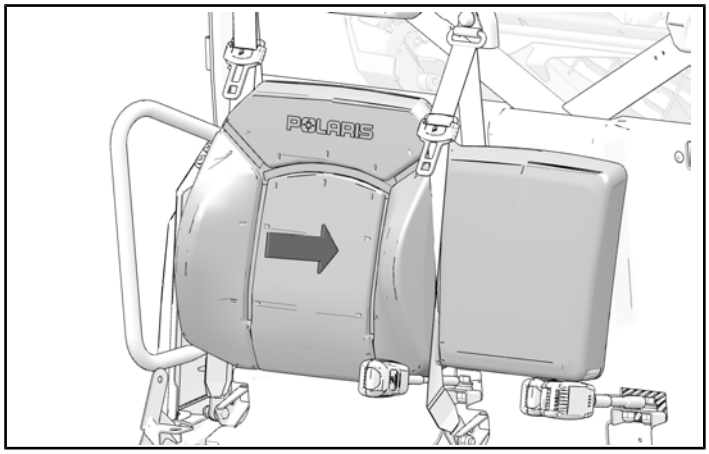
6. Torque all screws to specification.

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

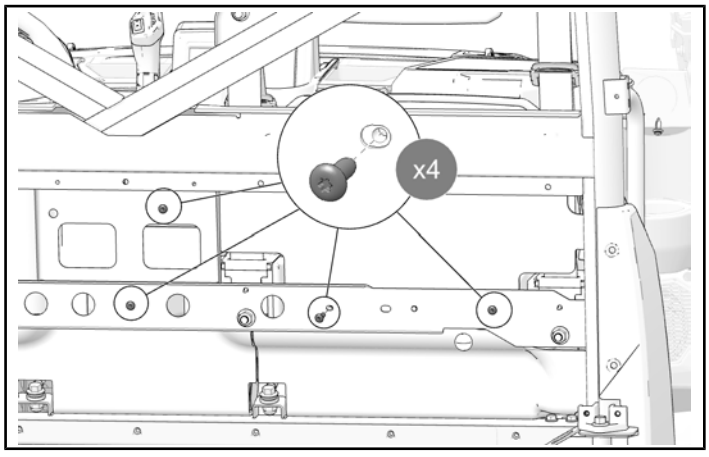
FRONT PASSENGER SEAT INSTALLATION

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

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



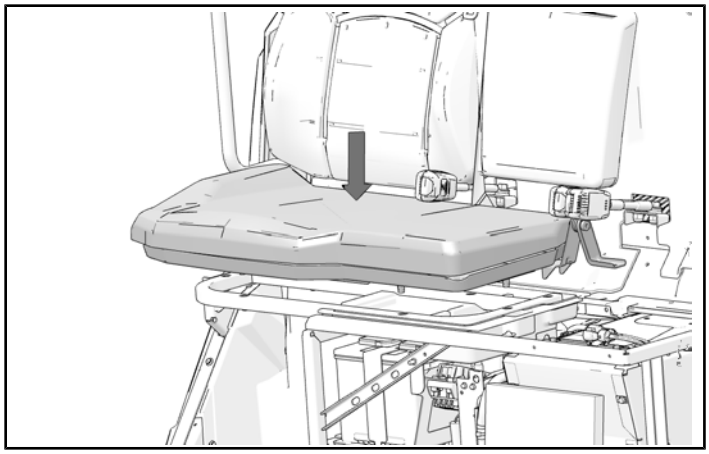
2. Attach passenger seat backrest to vehicle frame with four kept screws.



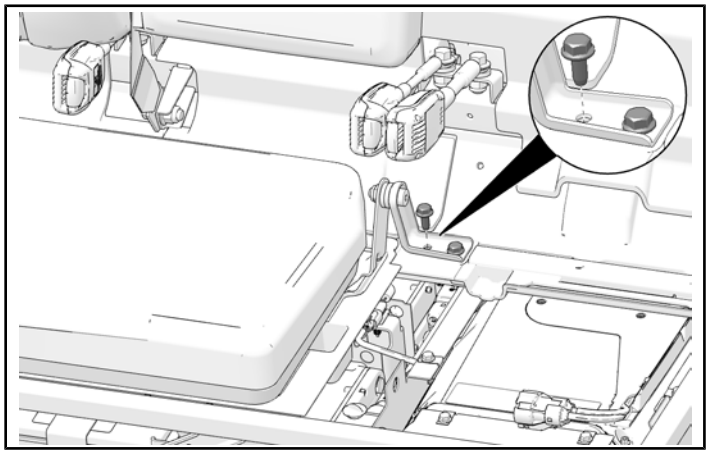
3. Torque screws to specification.

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

4. Put passenger seat onto seat frame.



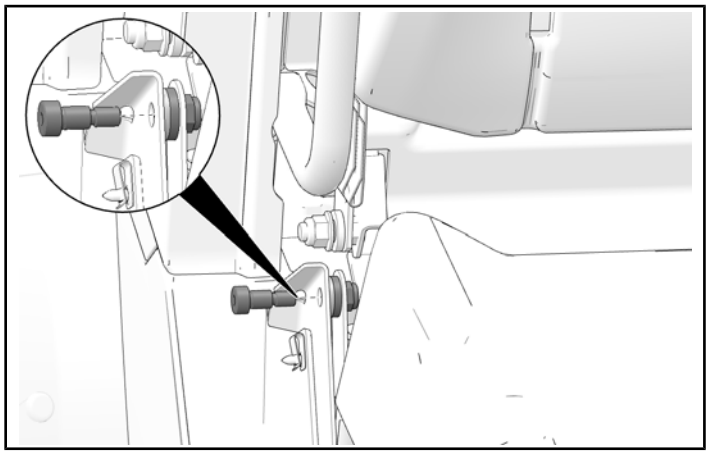
5. Attach passenger seat to seat frame with two kept bolts.



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.



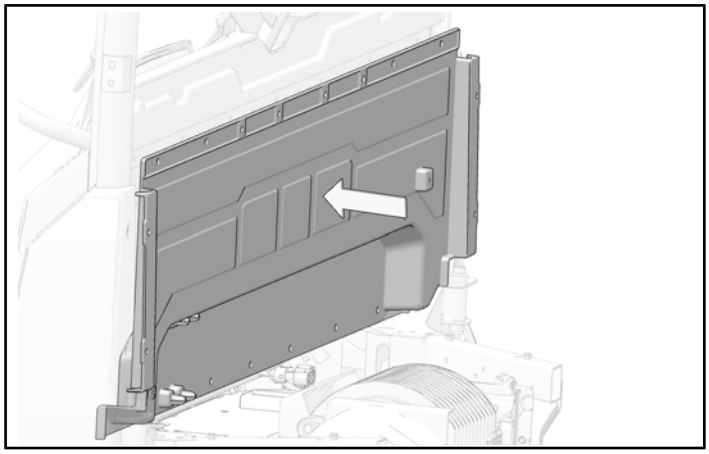
8. Torque nut to specification.

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

REAR CLOSE-OFF PANEL INSTALLATION

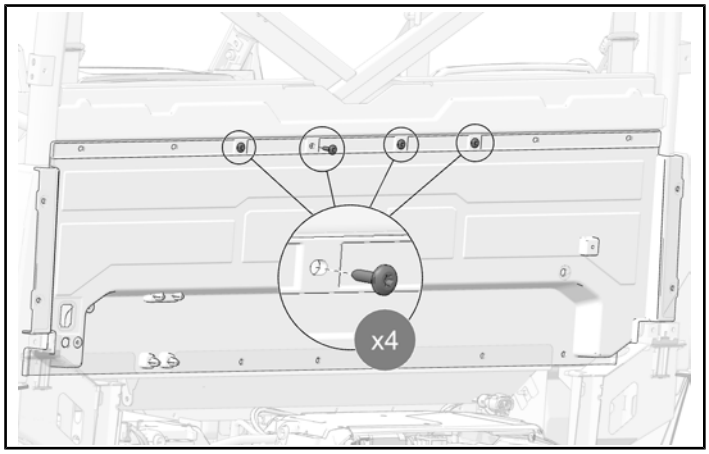
1. Align rear close-off panel with mounting holes.

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

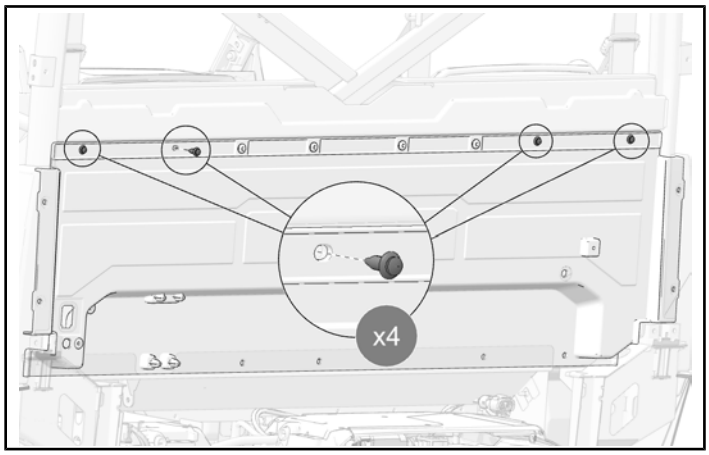


2. Attach top of rear close-off panel to vehicle with four kept screws.

DO NOT torque fasteners at this time.

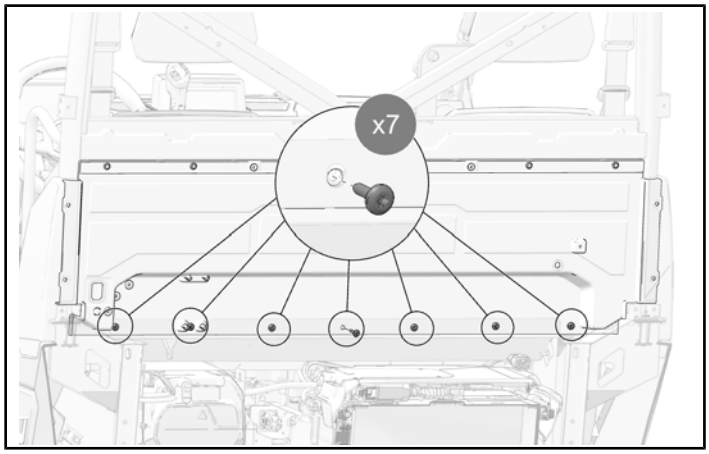


3. Attach top of rear close-off panel to vehicle with four kept push-pin rivets.



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

DO NOT torque fasteners at this time.

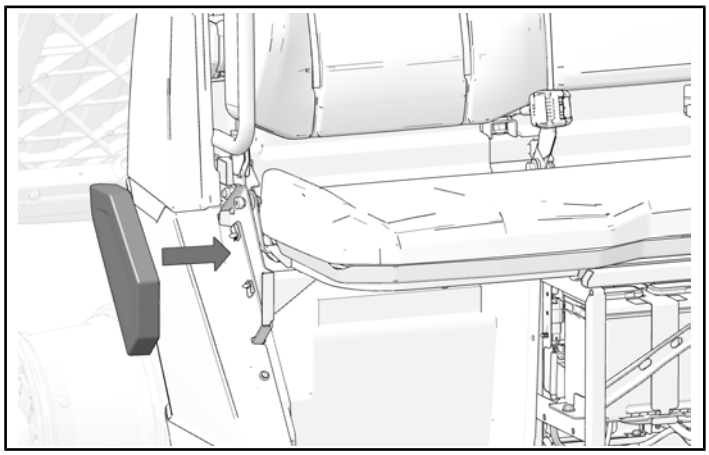


5. Torque all screws to specification.

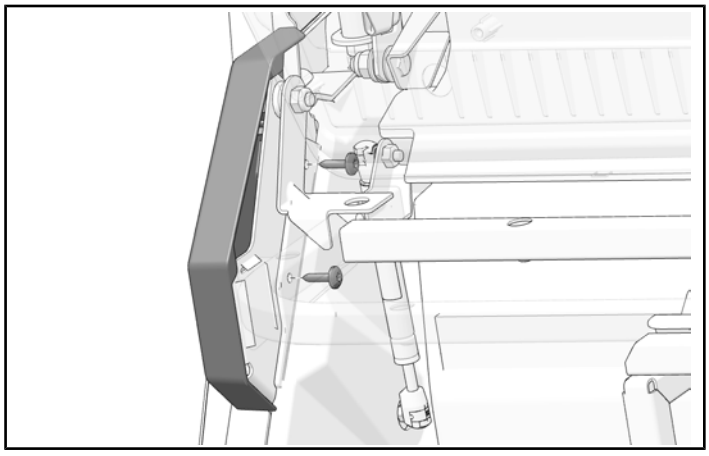
TORQUE
Rear Close-Off Panel Screws: **42 in-lbs (5 N·m)**

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.



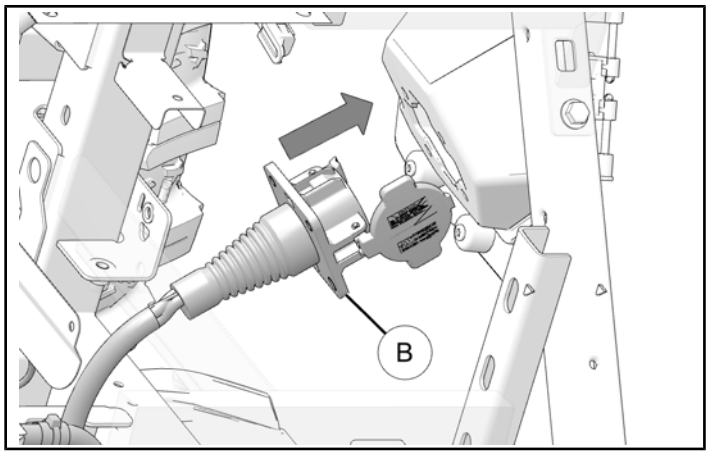
3. Torque screws to specification.

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

DUAL BATTERY MODELS ONLY

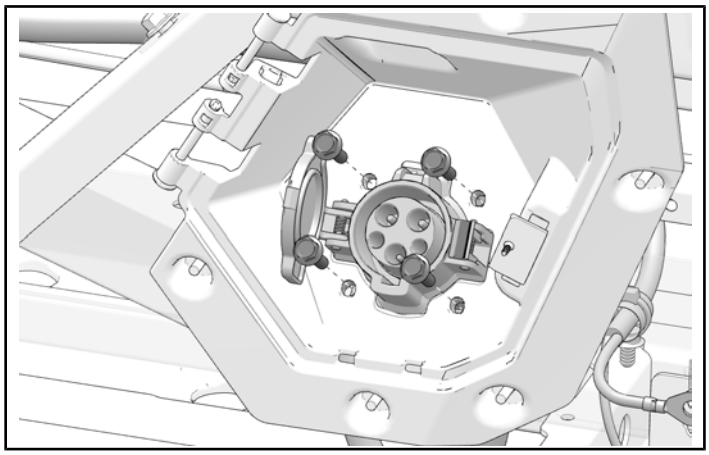
DRIVER SIDE ROCKER PANEL INSTALLATION

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

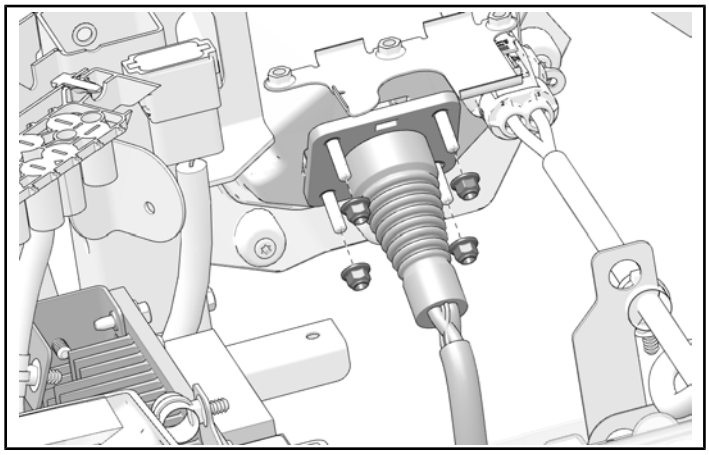


2. Attach charge port assembly to rocker panel with four kept screws.

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.

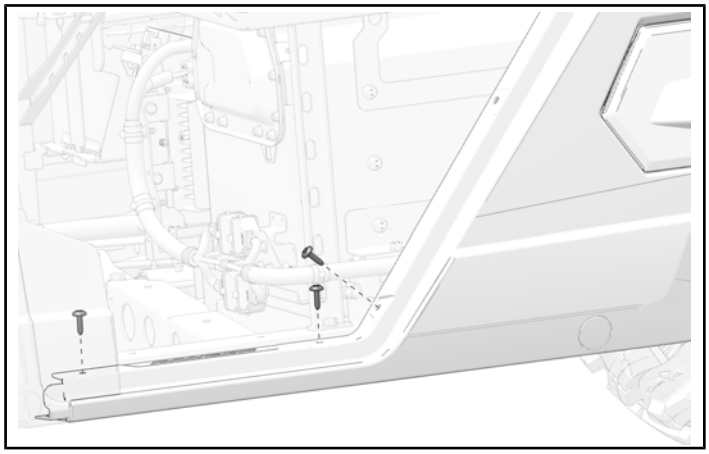


4. Torque nuts to specification.

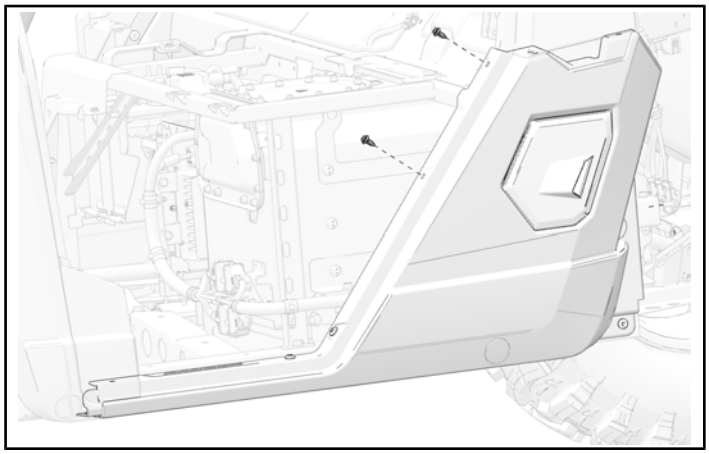
TORQUE
Charge Port Assembly Nuts: **53 in-lbs (6 N·m)**

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

DO NOT torque fasteners at this time.

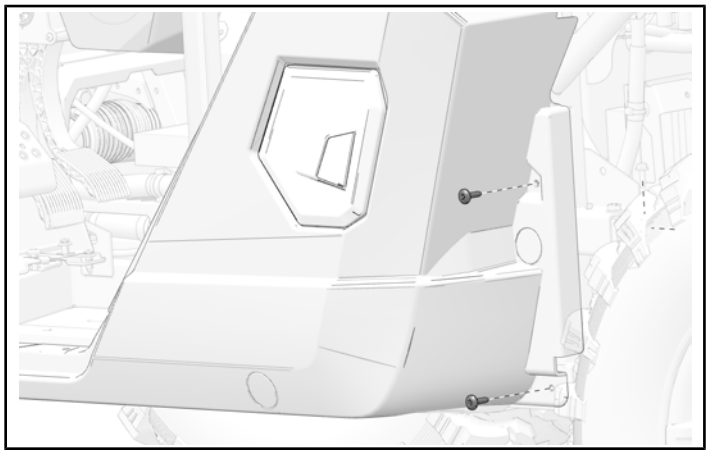


6. Attach upper door edge of rocker panel to vehicle frame with two kept push-pin rivets.

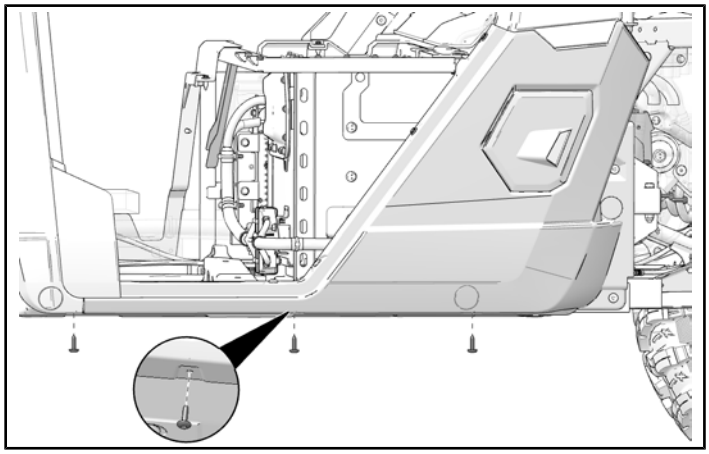


7. Attach rear edge of rocker panel to vehicle frame with two kept screws.

DO NOT torque fasteners at this time.



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



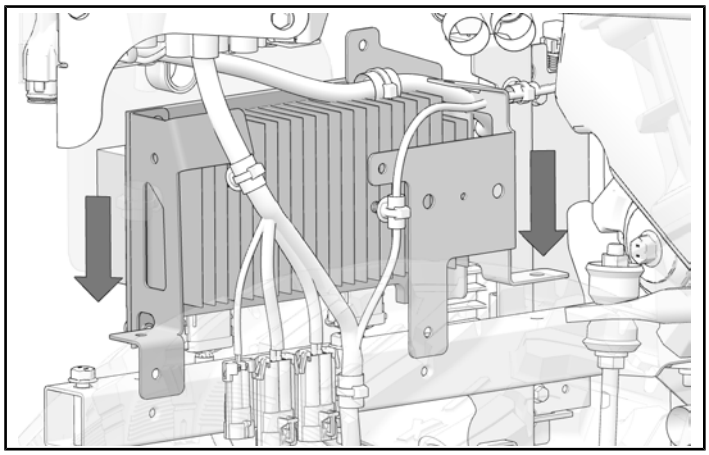
9. Torque all screws to specification.

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

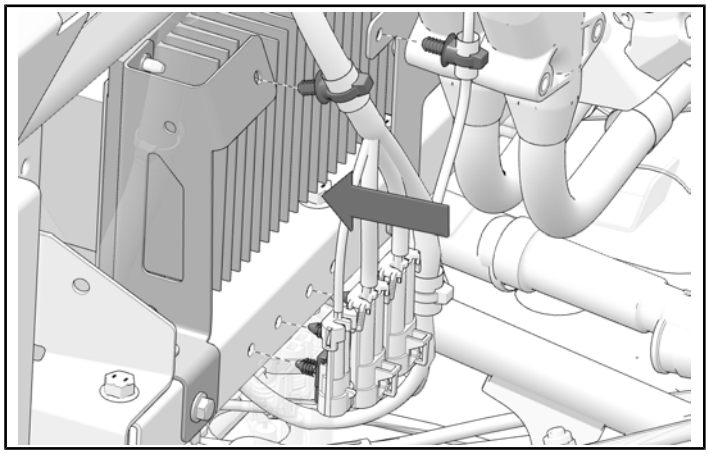
CONVERTER INSTALLATION

NOTICE
Parts of vehicle have been hidden for clarity.

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

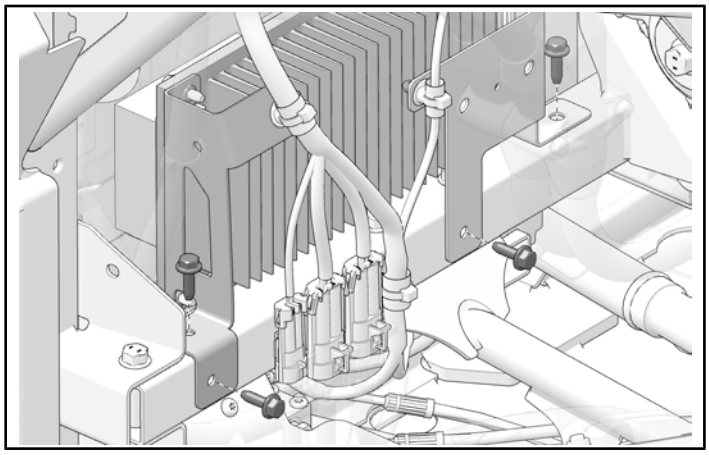


2. Install converter harness to chassis bar and converter brackets with five attached push-pin darts.



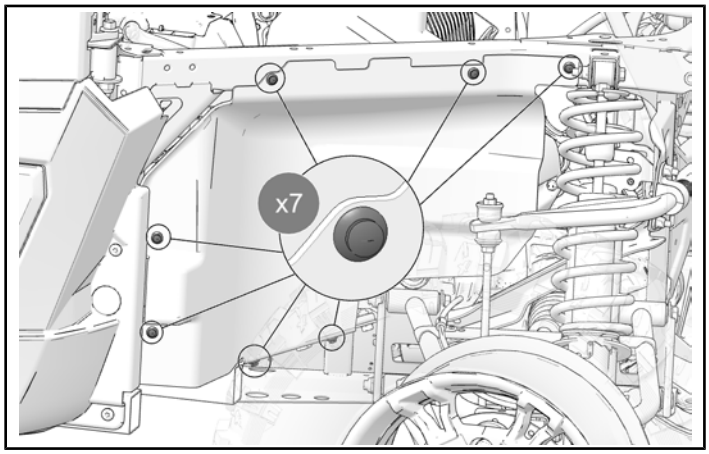
3. Attach converter and heat sink bracket to chassis bar with four bolts. Torque bolts to specification.

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



REAR FENDER INSTALLATION

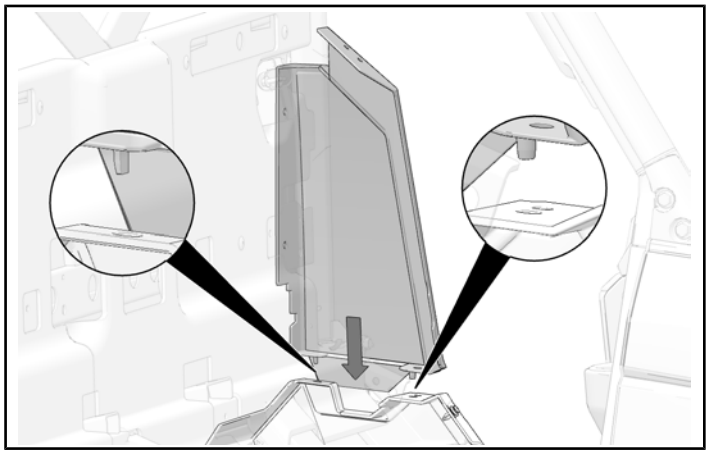
1. Attach rear fender to vehicle with seven kept push pin rivets.



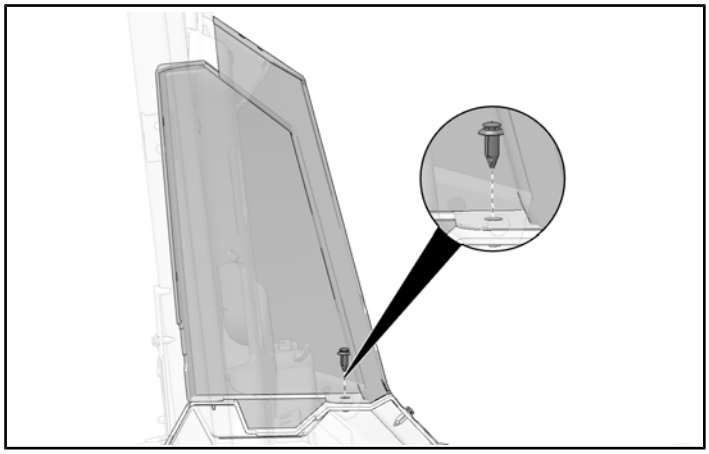
DUAL AND SINGLE BATTERY MODELS

DRIVER SIDE UPPER SIDE PANEL INSTALLATION

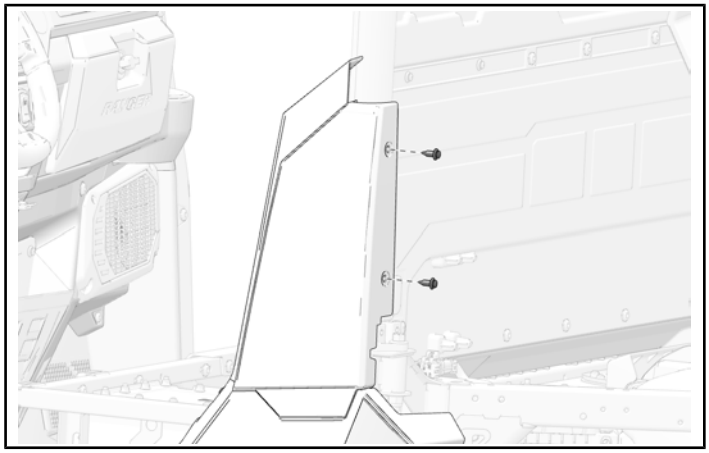
1. Put tabs on bottom of upper side panel into slots on rocker panel.



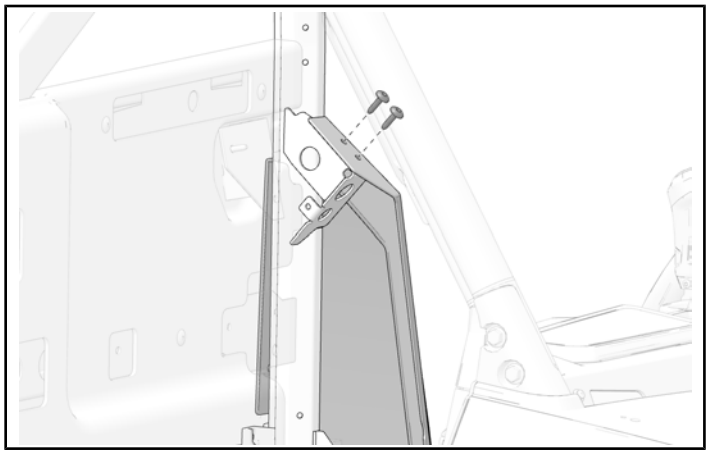
2. Attach upper side panel to rocker panel with one push-pin rivet.



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.

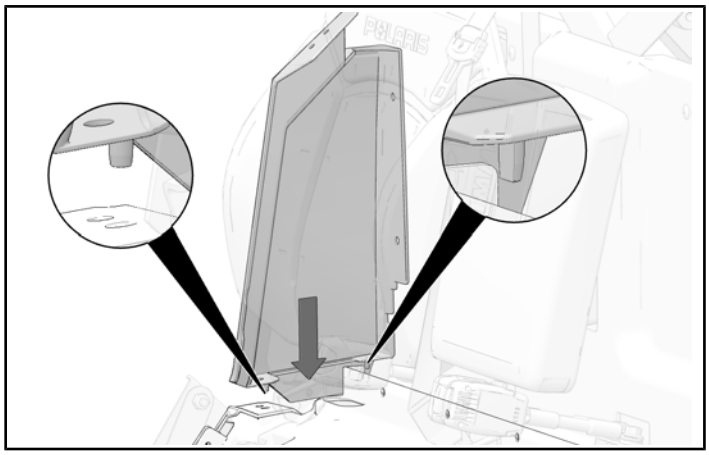


5. Torque screws to specification.

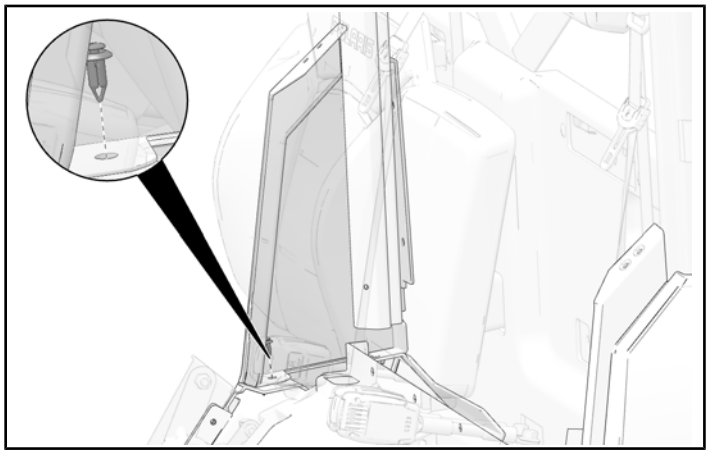
TORQUE
Upper Side Panel Screws: **72 in-lbs (8 N·m)**

PASSENGER UPPER SIDE PANEL INSTALLATION

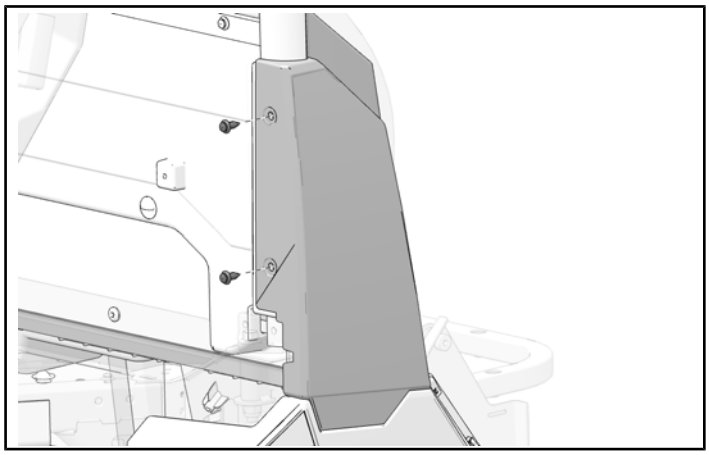
1. Put tabs on bottom of upper side panel into slots on rocker panel.



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

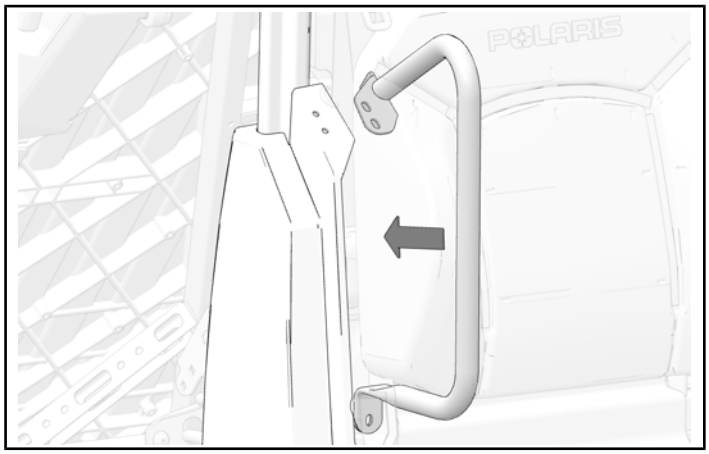


3. Attach upper side panel to vehicle frame and rear close-off panel with two kept push-pin rivets.



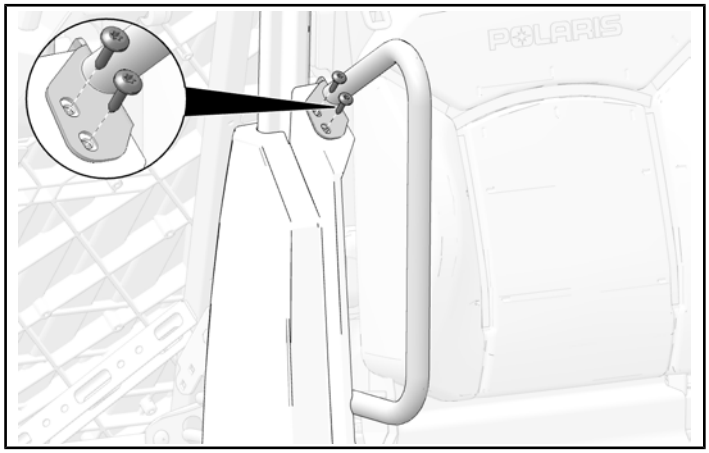
BOLSTER INSTALLATION

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



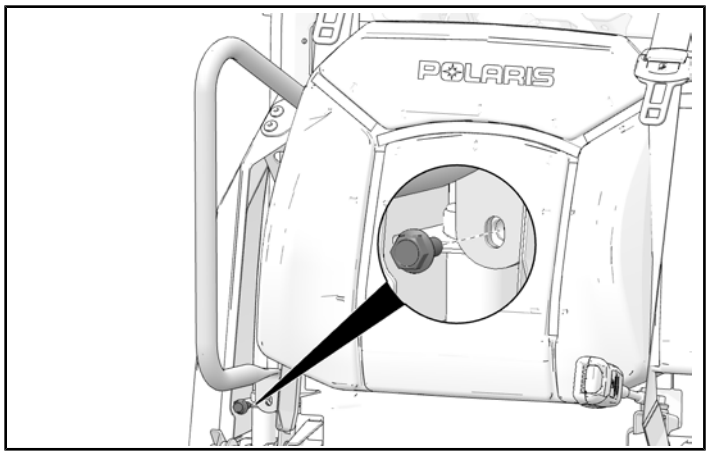
2. Attach top of bolster to upper side panel with two kept screws. Torque screws to specification.

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



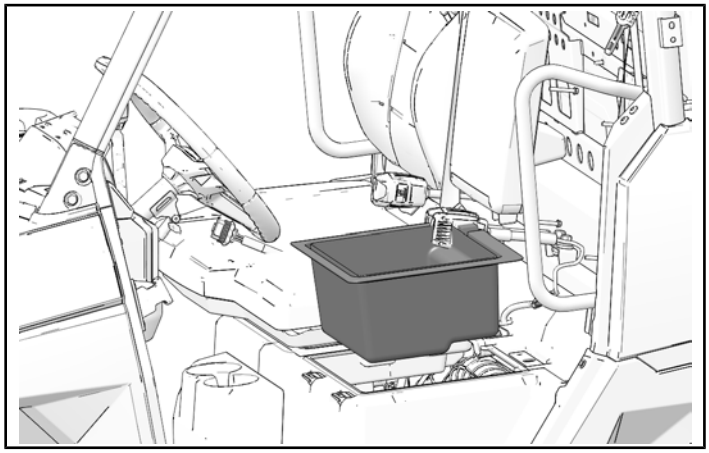
3. Attach bottom of bolster to seat frame with one bolt. Torque bolt to specification.

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

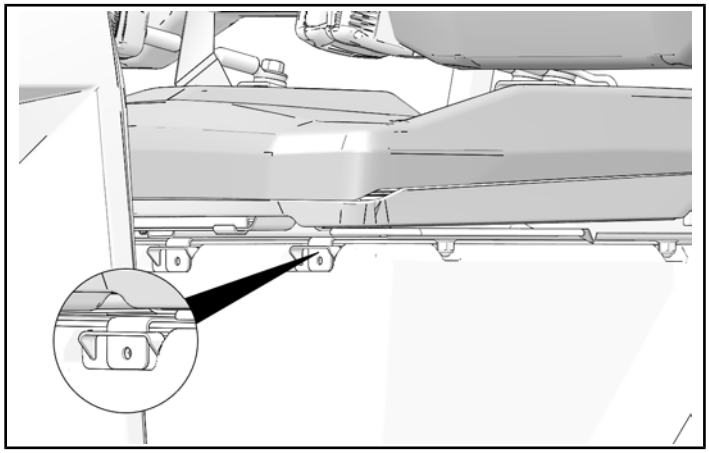


SEAT AND BIN INSTALLATION

1. If equipped, install underseat storage bin on driver side.

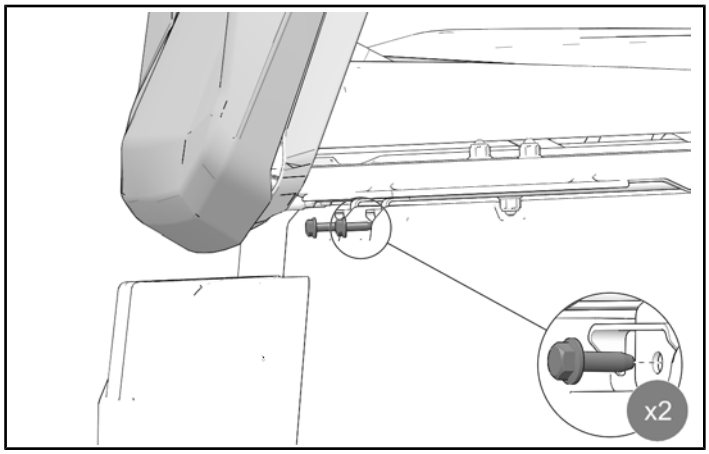


2. Install driver seat with seat slider onto the seat location in vehicle. Make sure that the front bracket fits into the holes of the bracket hinge.



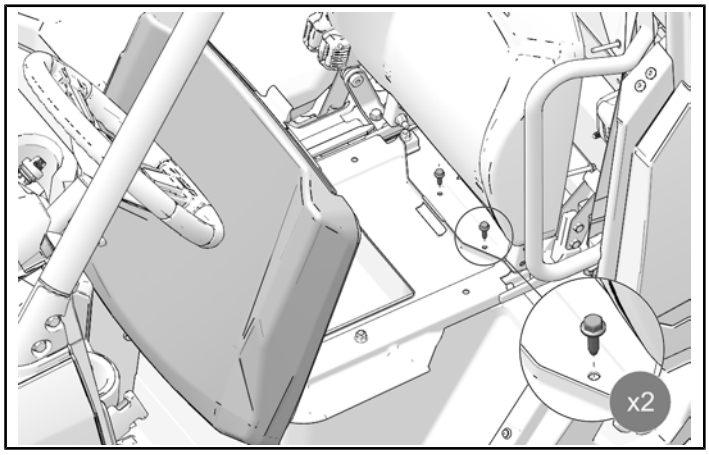
3. Install the two kept screws in front of the seat. Torque to specification.

TORQUE
Screws: **72 in-lbs (8 N·m)**

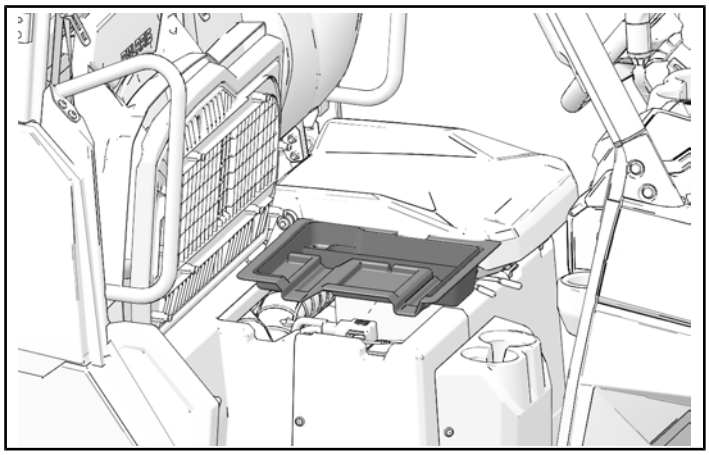


4. Move seat forward to install two kept underseat screws. Torque to specification.

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



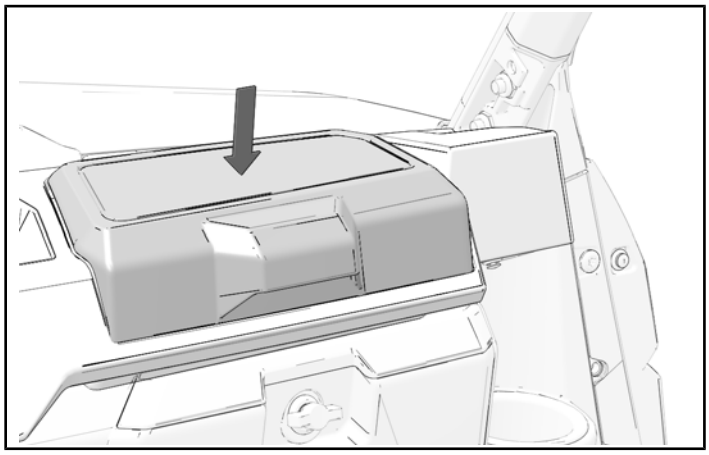
5. Install underseat storage bin on passenger side.



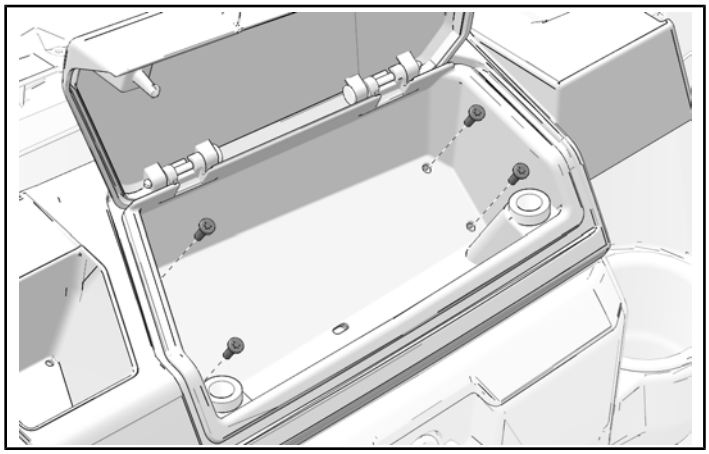
6. Close seats.

DASHBOARD STORAGE INSTALLATION

1. Put storage compartment in dashboard.

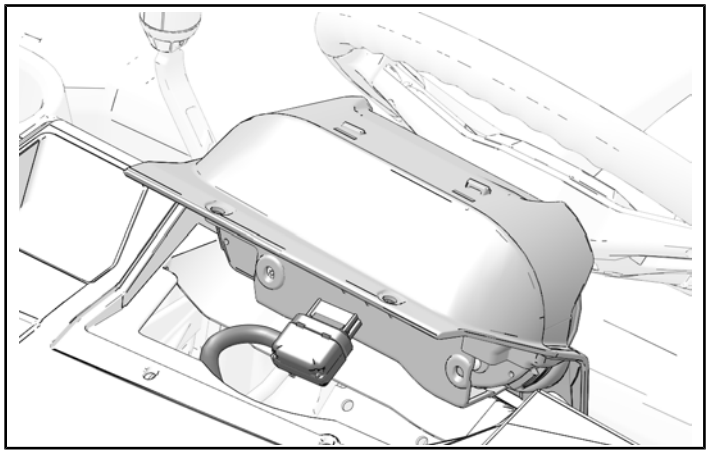


2. Install storage compartment to dashboard with four kept screws. Tighten until fully seated.

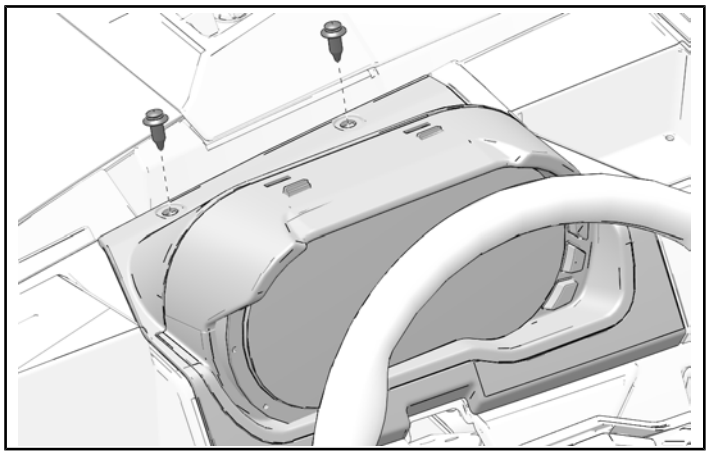


INSTRUMENT CLUSTER INSTALLATION

1. Connect the instrument cluster to the chassis electrical harness.

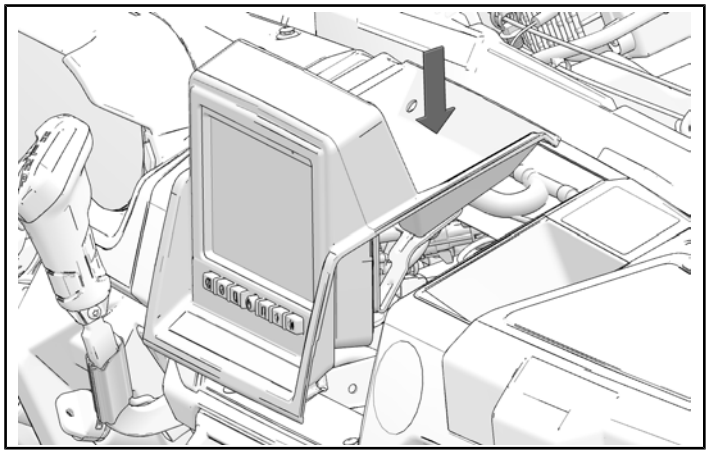


2. Install the instrument cluster bezel with two kept push-pin rivets.

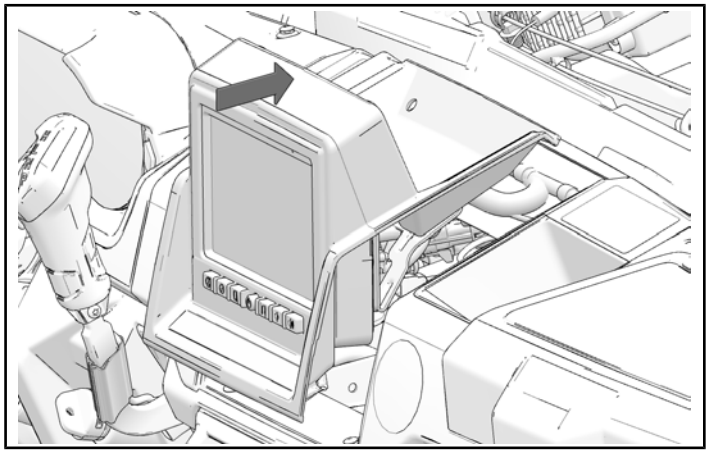


RIDE COMMAND ASSEMBLY INSTALLATION (IF EQUIPPED)

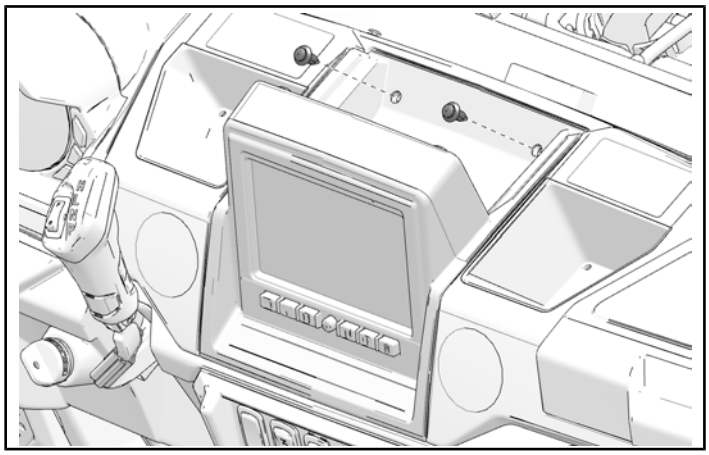
1. Align Ride Command assembly with opening in upper dash.



2. Connect all Ride Command connectors.
3. Push Ride Command assembly into place on upper dash.

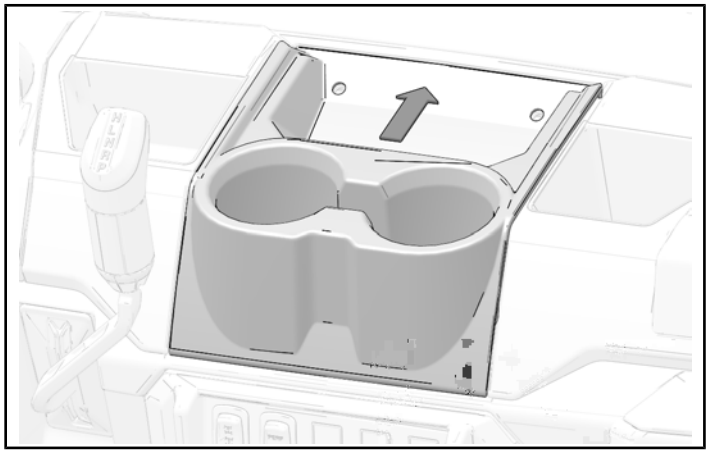


4. Attach Ride Command assembly to upper dash with two kept push-pin rivets.

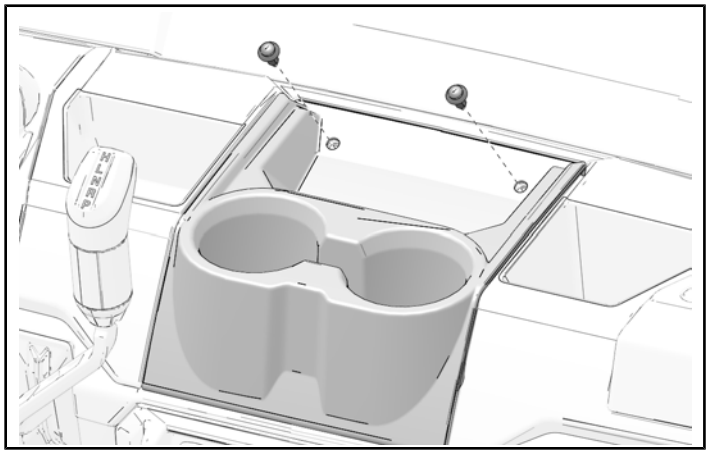


CUP HOLDER INSTALLATION (IF EQUIPPED)

1. Put cup holder in vehicle.



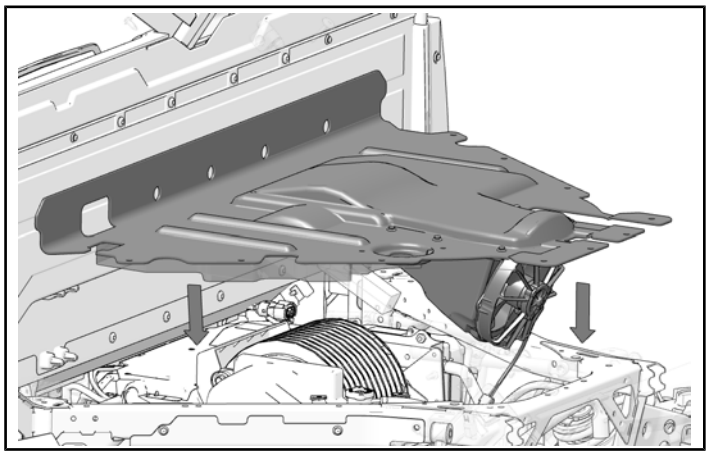
2. Install cup holder with two kept push-pin rivets.



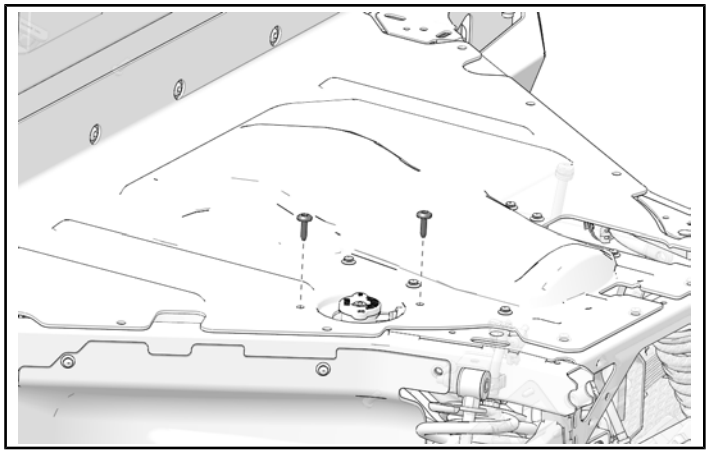
REAR TOP CLOSE-OFF PANEL INSTALLATION

NOTICE
Cargo box hidden for clarity.

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



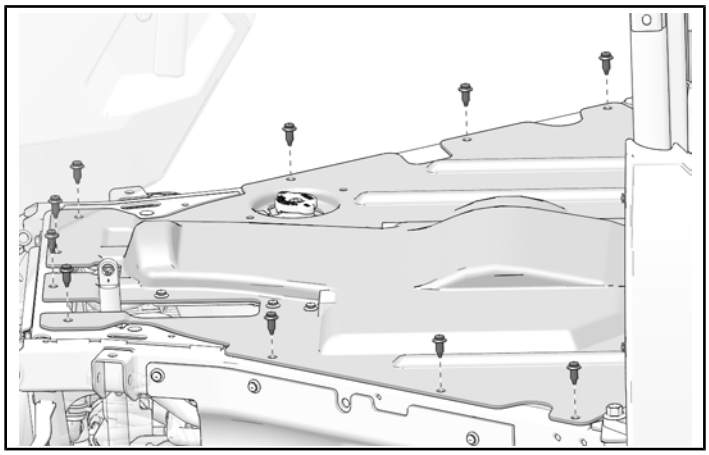
2. Plug fan into main chassis harness.
3. Install two kept close-off panel screws.



4. Torque screws to specification.

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

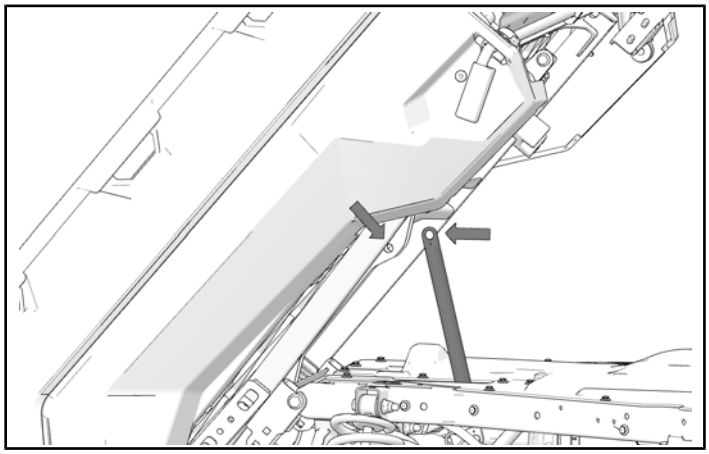
5. Attach rear close-off panel to chassis with ten kept push-pin rivets.

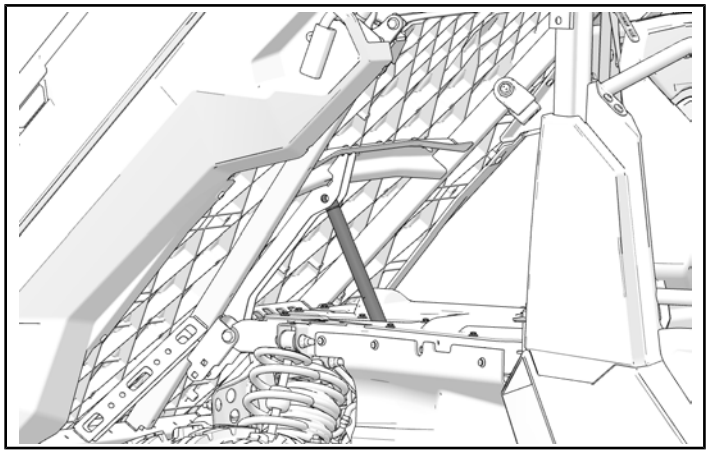


CONNECT SHOCK TO CARGO BOX

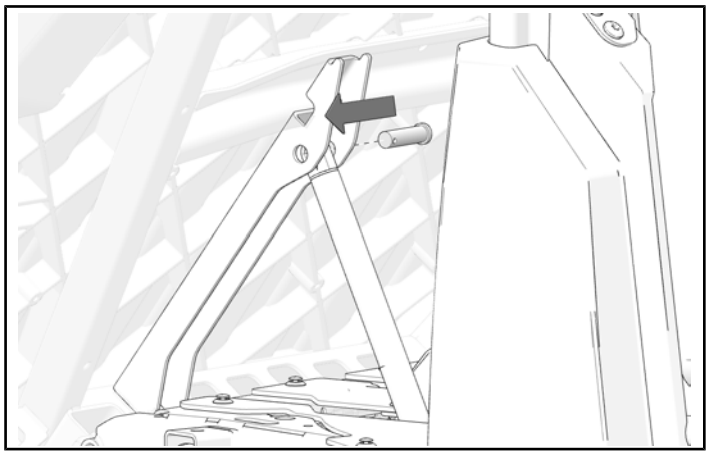
NOTICE
Parts of vehicle have been hidden for clarity.

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

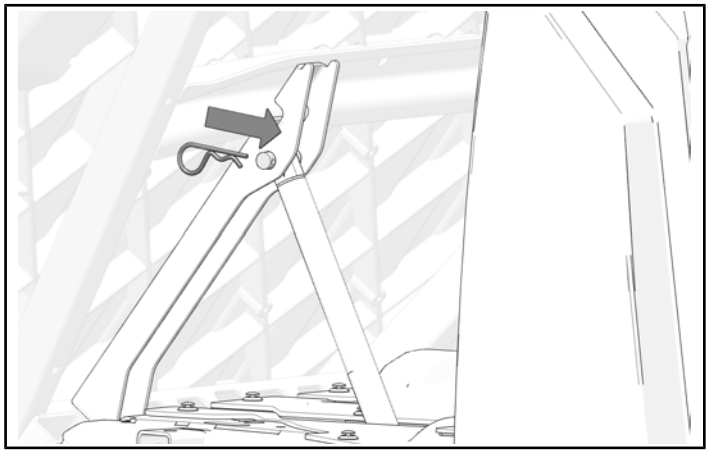




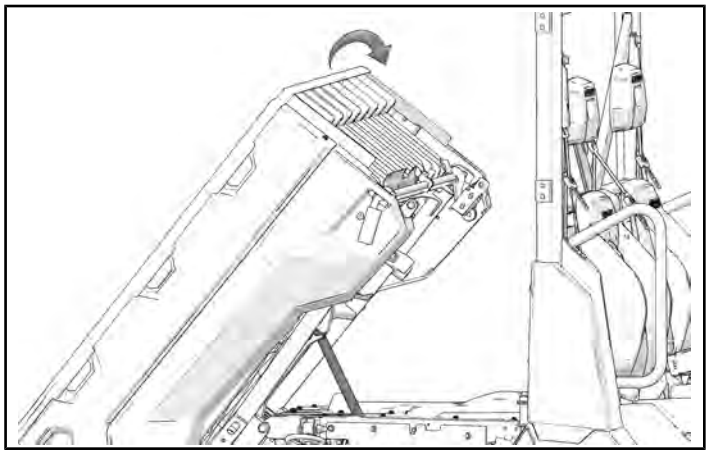
2. Attach shock to cargo box frame with kept clevis pin.



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

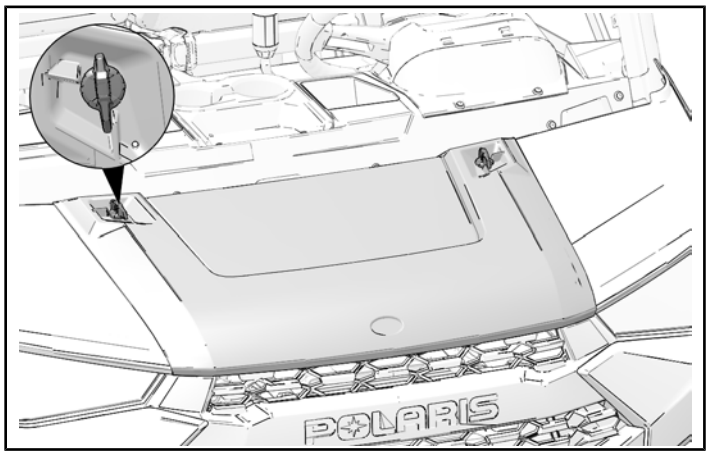


4. Lower cargo box and lock into position.



HOOD INSTALLATION

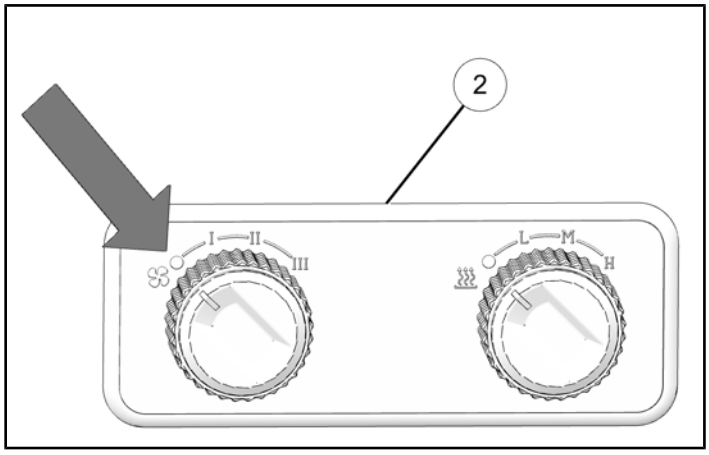
1. Align hood with vehicle and turn two quarter-turn fasteners to lock position and install hood.



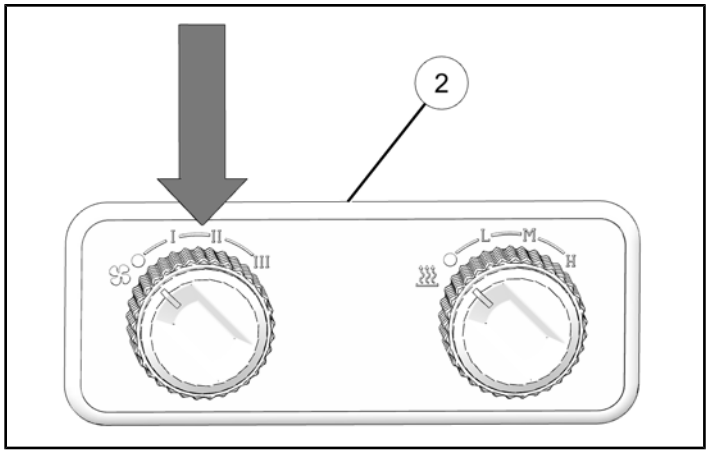
OPERATION

FAN SETTINGS

1. Use left side dial on heater control panel ② to turn heater fan OFF/ON.

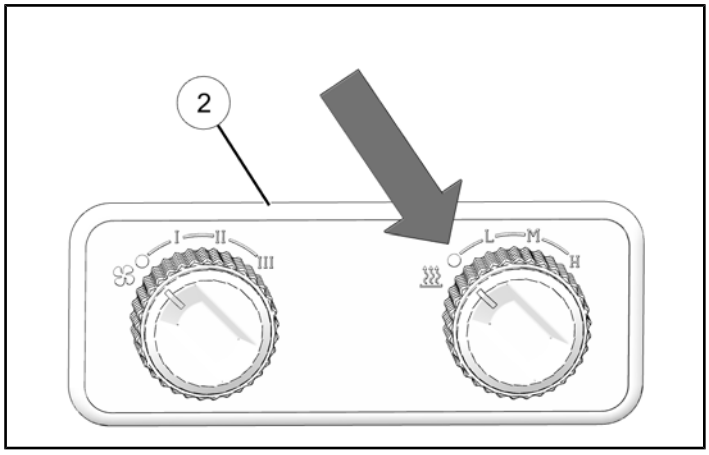


2. Use left side dial on heater control panel ② to change fan speed.

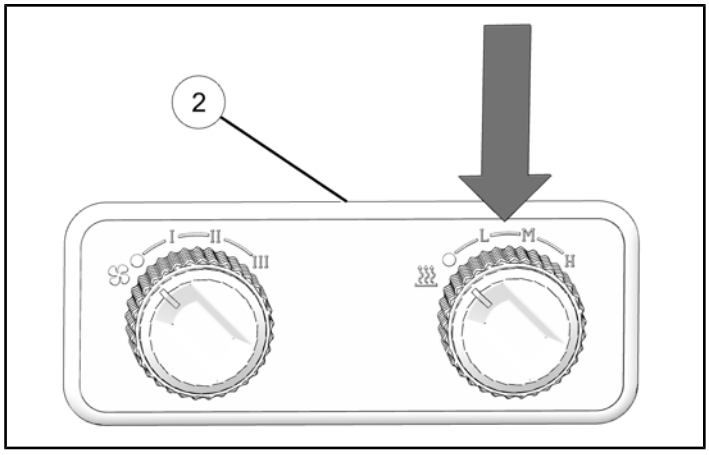


TEMPERATURE SETTINGS

1. Use right side dial on heater control panel ② to turn heat OFF/ON.



2. Use right side dial on heater control panel ② to control temperature settings.



IMPORTANT XP KINETIC HEATER INFORMATION

The XP Kinetic Heater operates from the vehicle's main power source. Please be aware of the following guidelines before using your heater:

- Heater cannot be operated while the vehicle is charging
- Operating the heater will cause the battery charge level to decrease
- Operating the heater while driving will decrease the vehicle's operating range
- Using a low heat setting will maximize the vehicle's operating range
- Using a high heat setting will cause the battery charge level to decrease faster and reduce the vehicle's operating