

REAR WIPER KIT



P/N 2884485

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

Rear Wiper Kit P/N 2884485 can only be used with ADV models.

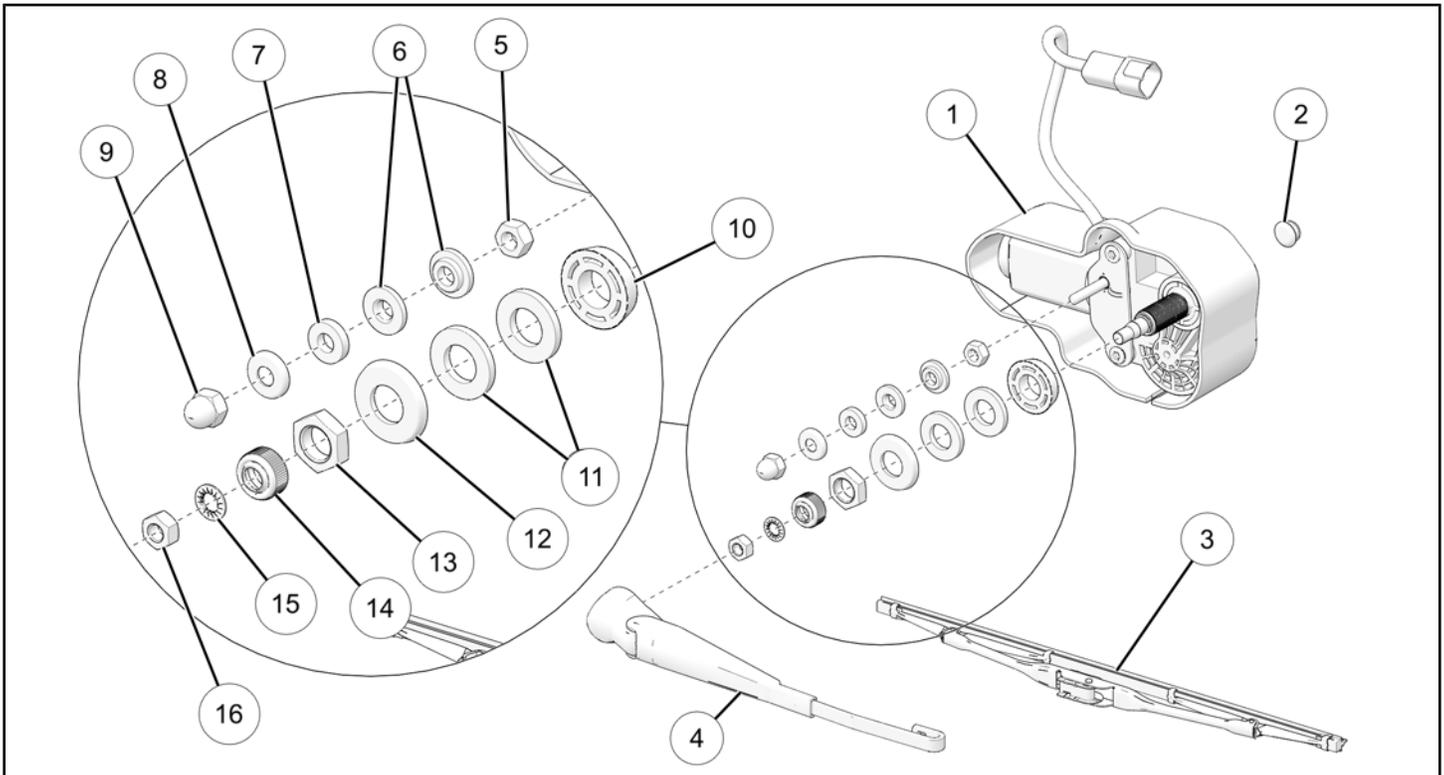
REQUIRED SOLD SEPARATELY

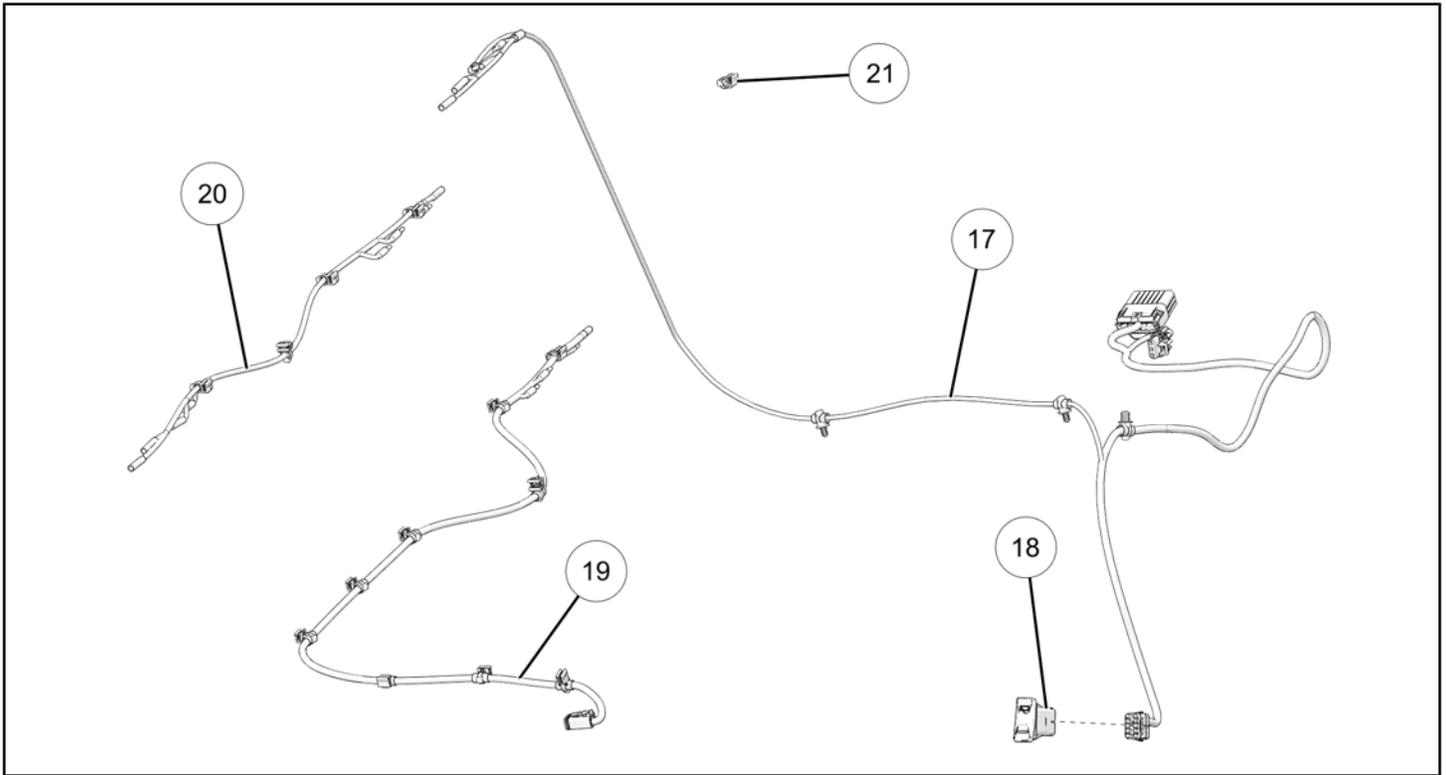
Only parts for installation of the Rear Wiper Kit are included. Prior installation of the following additional kits are also required (sold separately):

- *Rear Glass Liftgate Kit, P/N 2884413*

KIT CONTENTS

REAR WIPER KIT P/N 2884485



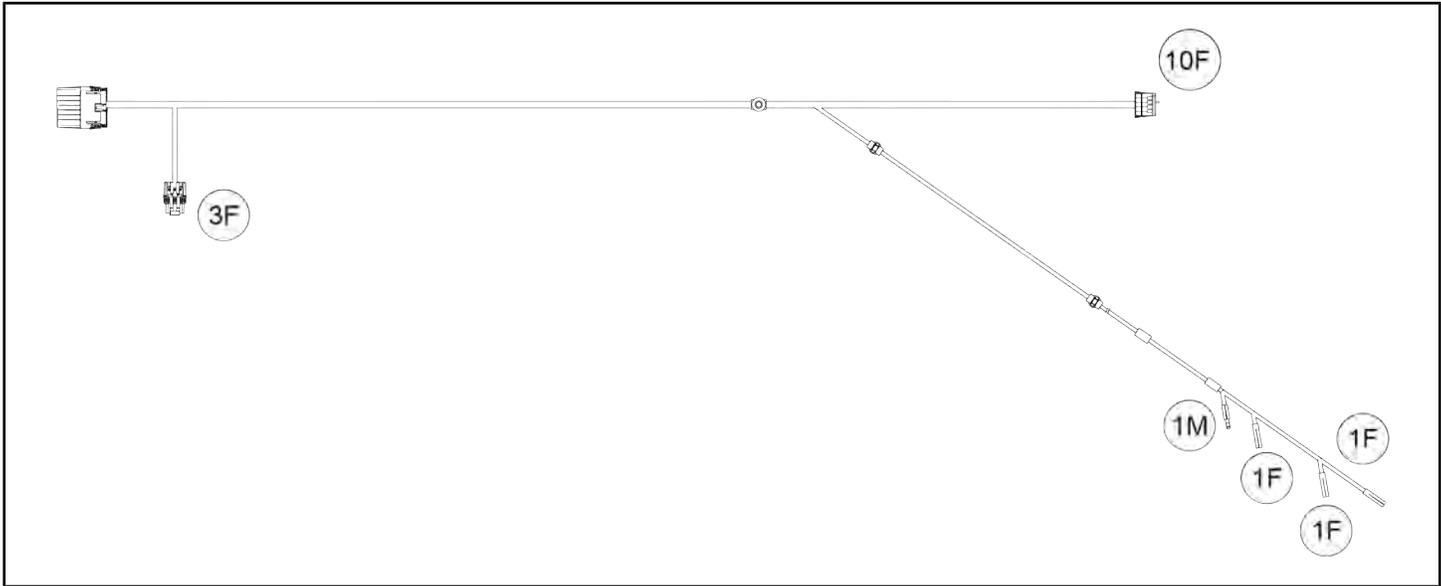


REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
1	1	Motor, Windshield Wiper	2638200	n/a
2	1	Window Plug	5418373	n/a
3	1	Wiper Blade	2638197	n/a
4	1	Wiper Arm	2638199	n/a
5	1	Nut	n/a	2209780
6	2	Sleeve Washer	n/a	2209780
7	1	Flat Washer	n/a	2209780
8	1	Spacer	n/a	2209780
9	1	Dome Nut	n/a	2209780
10	1	Retainer	n/a	2208225
11	2	Washer	n/a	2208225
12	1	Washer Cap	n/a	2208225
13	1	Nut	n/a	2208225
14	1	Cap	n/a	2208225
15	1	Lockwasher	n/a	2208225
16	1	Nut	n/a	2208225
17	1	Rear Wiper Control Harness	n/a	n/a
18	1	Switch, Rear Wiper	4080801-28	n/a
19	1	Rear Wiper Harness	n/a	n/a

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
20	1	Rear Wiper Extension Harness	n/a	n/a
21	1	Edge Clip	7082403	n/a

HARNESS DETAIL

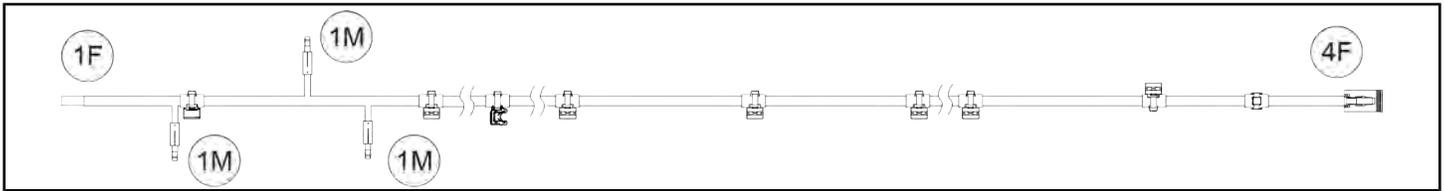
REAR WIPER CONTROL HARNESS ⑰



REF	PART DESCRIPTION	CONNECTS TO
1F	Connector – Wiper Signal	Rear Wiper Harness ⑰ Rear Wiper Extension Harness ⑳
1F	Connector – Wiper Power	Rear Wiper Harness ⑰ Rear Wiper Extension Harness ⑳
1F	Connector – Wiper Park	Rear Wiper Harness ⑰ Rear Wiper Extension Harness ⑳
1M	Connector – Wiper Ground	Rear Wiper Harness ⑰ Rear Wiper Extension Harness ⑳
3F	Connector – Pulse® Bar	Pulse® Bar
10F	Connector – Wiper Switch	Switch ⑱

Example: 16F = 16 pin, Female / 16M = 16 pin, Male (Male terminal fits inside female terminal)

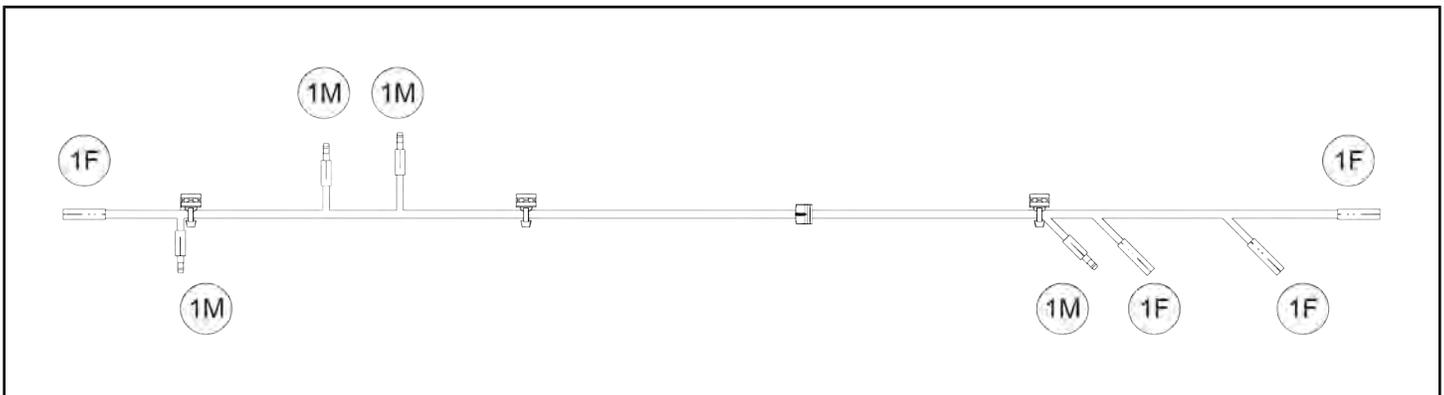
REAR WIPER HARNESS ⑱



REF	PART DESCRIPTION	CONNECTS TO
1F	Connector – Wiper Ground	Rear Wiper Control Harness ⑰ Rear Wiper Extension Harness ⑳
1M	Connector – Wiper Park	Rear Wiper Control Harness ⑰ Rear Wiper Extension Harness ⑳
1M	Connector – Wiper Power	Rear Wiper Control Harness ⑰ Rear Wiper Extension Harness ⑳
1M	Connector – Wiper Signal	Rear Wiper Control Harness ⑰ Rear Wiper Extension Harness ⑳
4F	Connector – Wiper Motor	Wiper Motor ①

Example: 16F = 16 pin, Female / 16M = 16 pin, Male (Male terminal fits inside female terminal)

REAR WIPER EXTENSION HARNESS ⑳



REF	PART DESCRIPTION	CONNECTS TO
1F	Connector – Wiper Ground - In	Rear Wiper Control Harness ⑰
1F	Connector – Wiper Park - Out	Rear Wiper Harness ⑲
1F	Connector – Wiper Power - Out	Rear Wiper Harness ⑲
1F	Connector – Wiper Signal - Out	Rear Wiper Harness ⑲
1M	Connector – Wiper Park - In	Rear Wiper Control Harness ⑰
1M	Connector – Wiper Power - In	Rear Wiper Control Harness ⑰
1M	Connector – Wiper Signal - In	Rear Wiper Control Harness ⑰
1M	Connector – Wiper Ground - Out	Rear Wiper Harness ⑲

Example: 16F = 16 pin, Female / 16M = 16 pin, Male (Male terminal fits inside female terminal)

TOOLS REQUIRED

- Safety Glasses
- Drill
- Drill Bit:
 - 1/4 in (6 mm)
- Fish Tape (or equivalent)
- Pliers, Push Pin Rivet
- Screwdriver Set, Torx®
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- **Special Service Tool:**
 - Non-marring Pry Tool, P/N 5456907 (or equivalent)

IMPORTANT

Your Rear Wiper 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

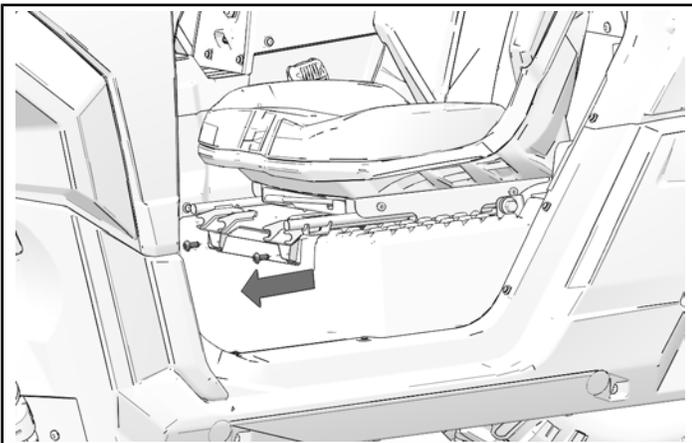
1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.

BATTERY DISCONNECTION

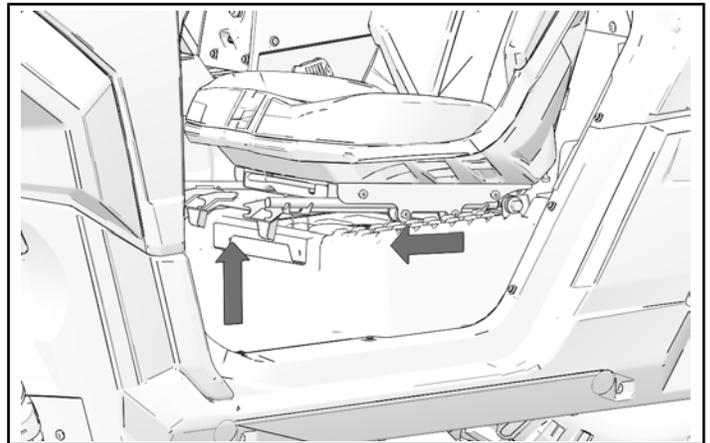
NOTICE

Doors hidden for clarity.

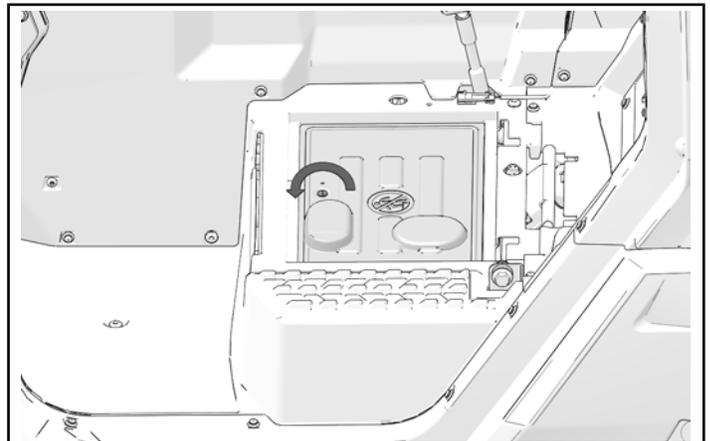
1. Remove and keep two screws from front of driver seat base.



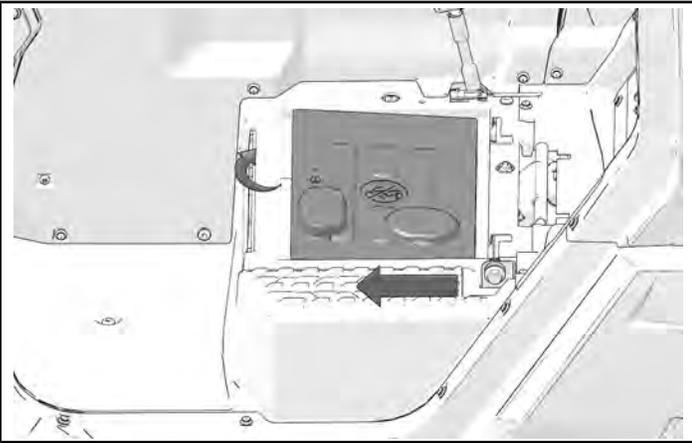
2. Lift front of seat and pull forward to remove seat.



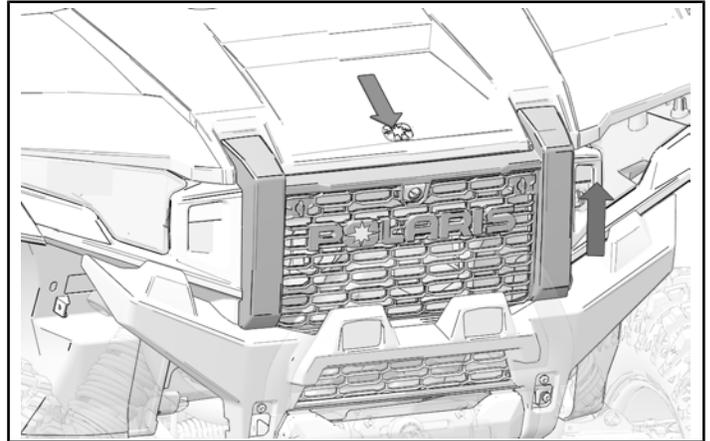
3. Turn screw to open cover.



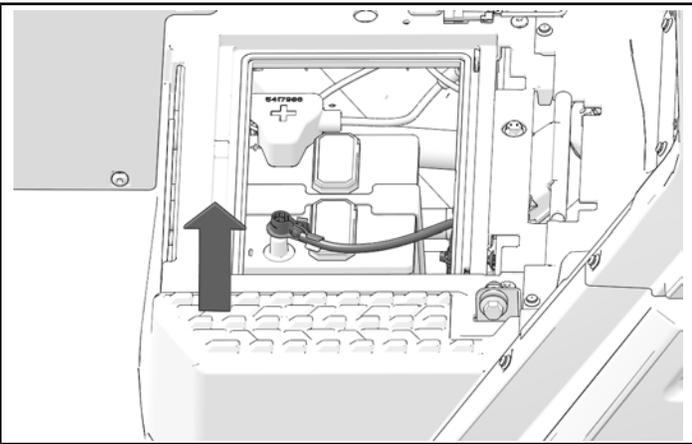
4. Lift cover and slide forward to remove.



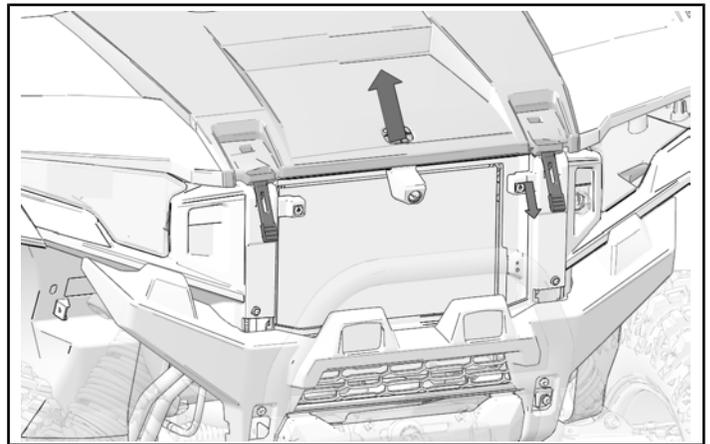
2. Pull top of grill forward and then lift up to remove grill.



5. Disconnect negative (-) cable from battery.

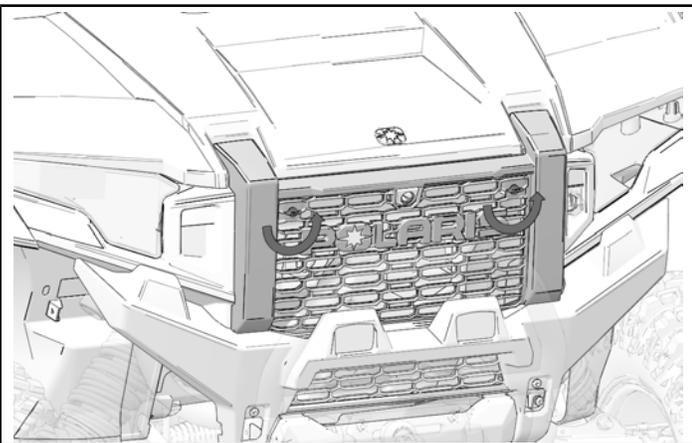


3. Pull rubber straps off hooks to release hood. Lift hood to remove.



HOOD AND GRILL REMOVAL

1. Turn each stud one-quarter turn to release grill.



REMOVE LOWER A PILLAR TRIM

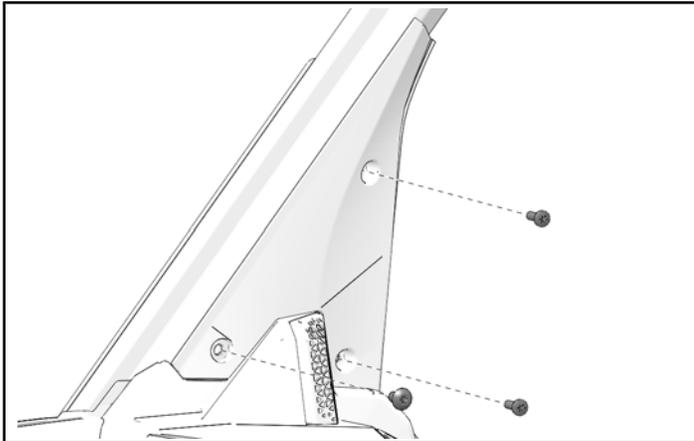
NOTICE

If vehicle is equipped with poly windshield, removal of lower mounting hardware may make removal of lower A-pillar trim easier.

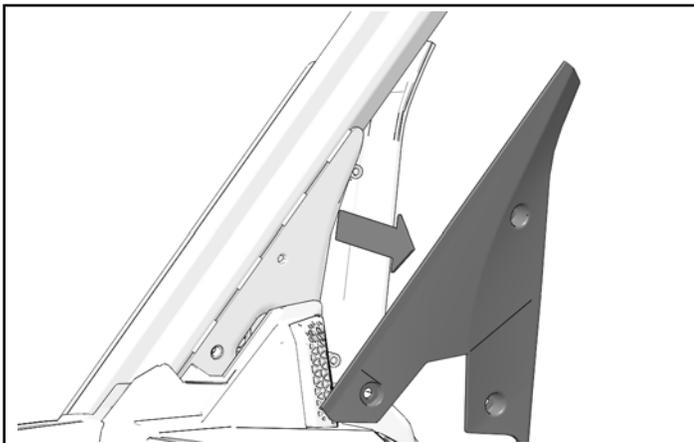
1. Remove three screws from lower A-pillar trim panel.

NOTICE

Right side shown; left side similar.



2. Pull A-pillar trim piece away from vehicle.



VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

NOTICE

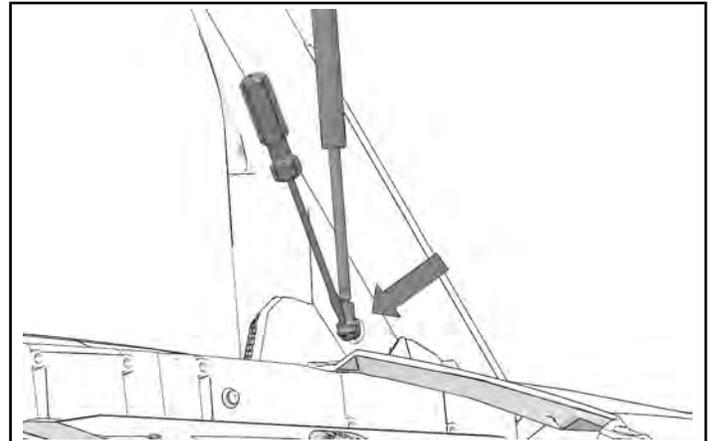
Left side shown; Right side similar.

1. Open tip-out windshield. Install a support to hold weight of windshield.

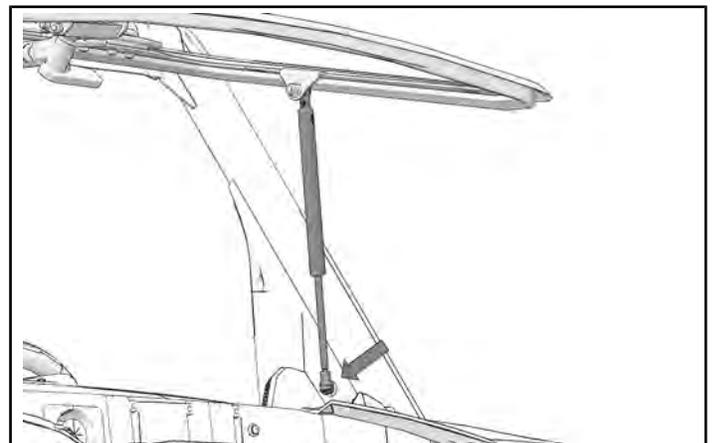
2. Use appropriate tool to release clip at lower end of gas spring.

CAUTION

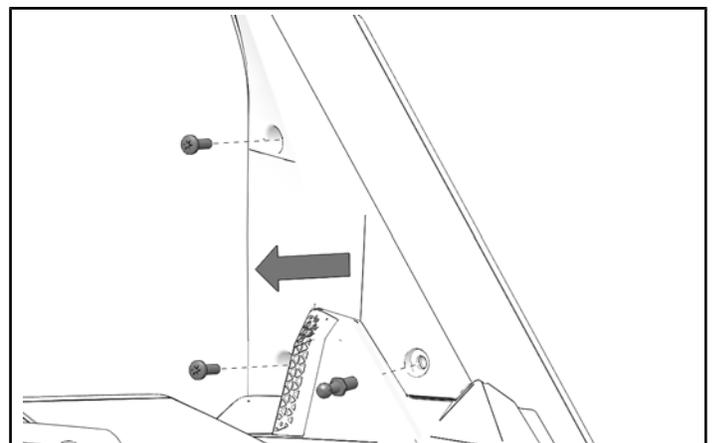
Use care when releasing the clip. Clip may spring away from fitting, and may strike objects or become lost.



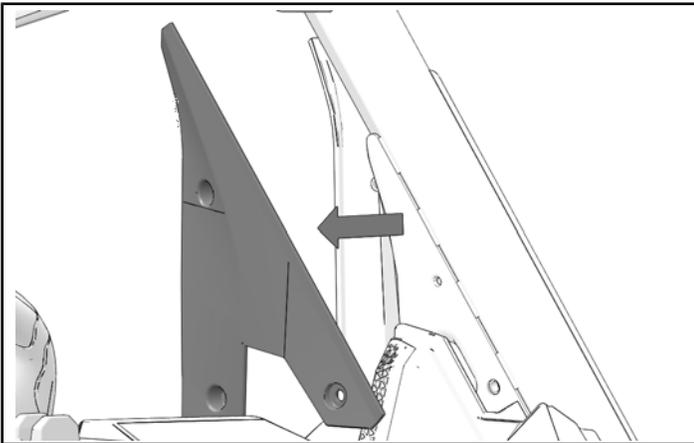
3. Disconnect bottom of gas springs.



4. Remove two screws and ball stud from lower A-pillar trim panel.



5. Pull A-pillar trim piece away from vehicle.



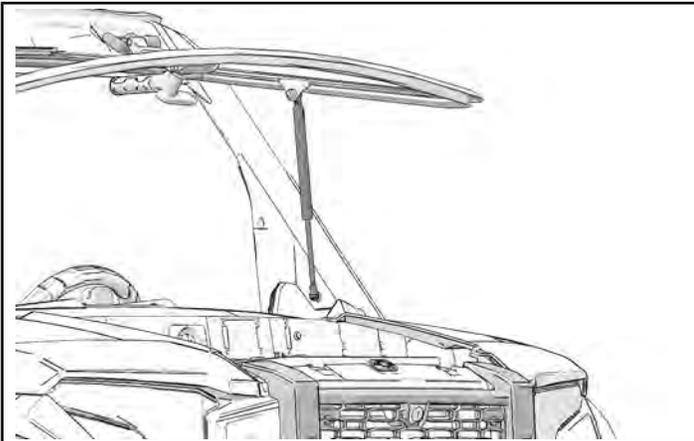
CENTER DASH PANEL REMOVAL

VEHICLES WITH TIP-OUT WINDSHIELD

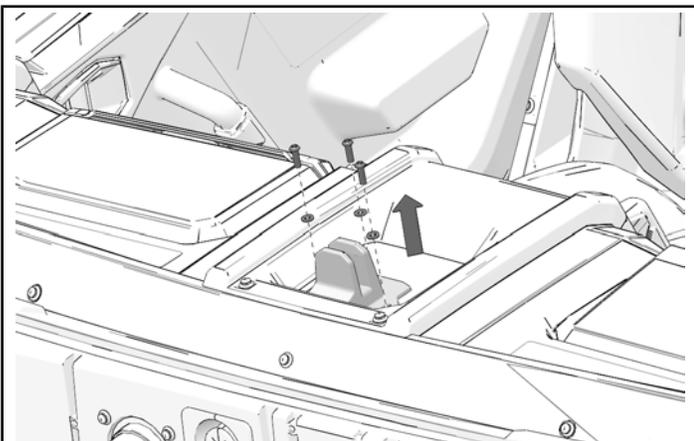
NOTICE

For vehicles without tip-out windshield, proceed to Panel Removal.

1. Open tip-out windshield.

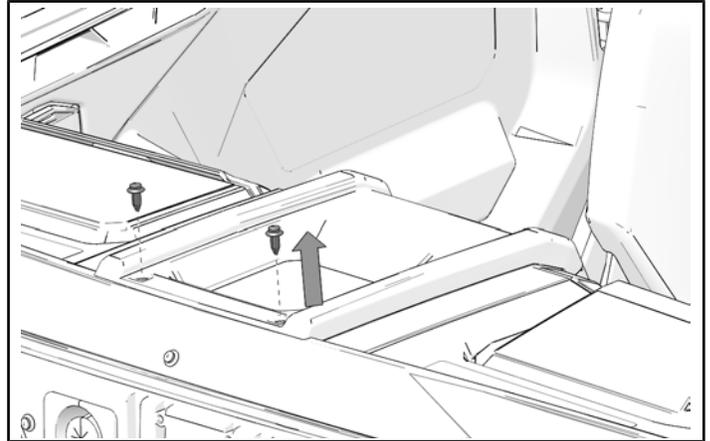


2. Remove and keep three screws and washers. Remove and keep windshield base.

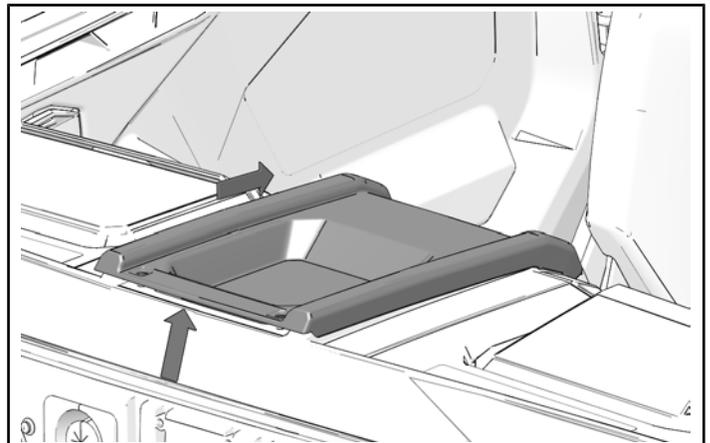


PANEL REMOVAL

1. Remove and keep two push-pin rivets from center dash panel.



2. Remove and keep panel by lifting front edge and moving backward.



HEAD UNIT REMOVAL

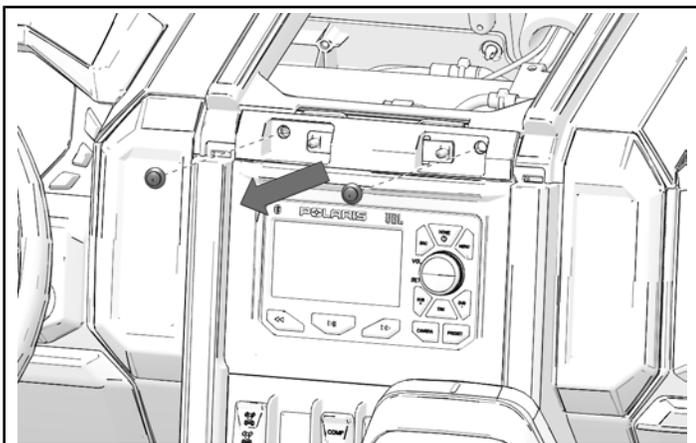
NOTICE

Vehicles without audio system will have a storage bin in place of head unit. Storage bin is removed in a similar manner to head unit.

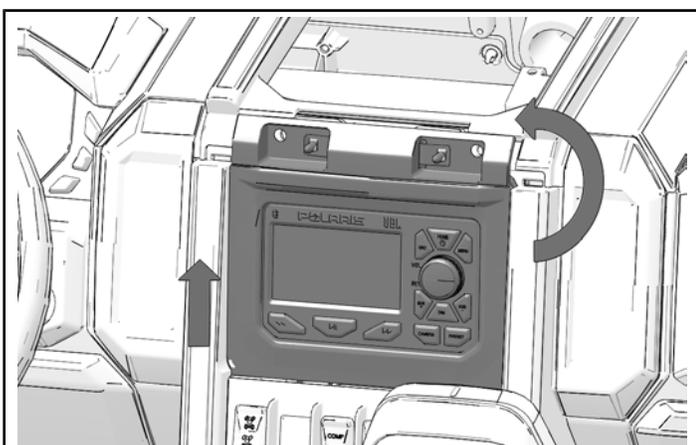
NOTICE

Base audio head unit removal shown. Ride Command® display removal similar.

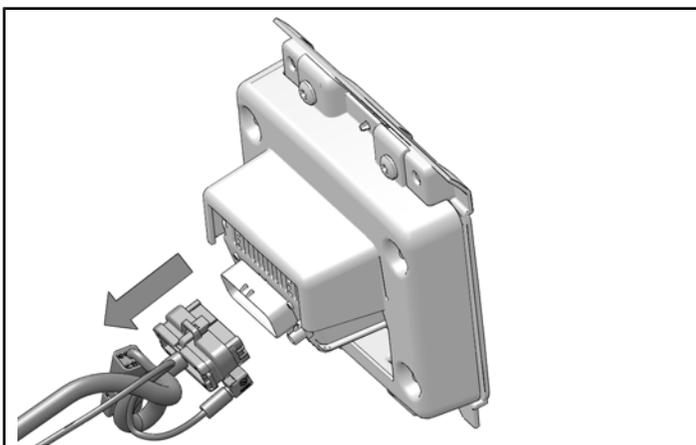
1. Remove and keep two push-pin rivets from top of the head unit.



2. Pull top of head unit away from dash and lift head unit up to remove from dash.



3. Disconnect wiring harness and antenna from head unit. Remove head unit.

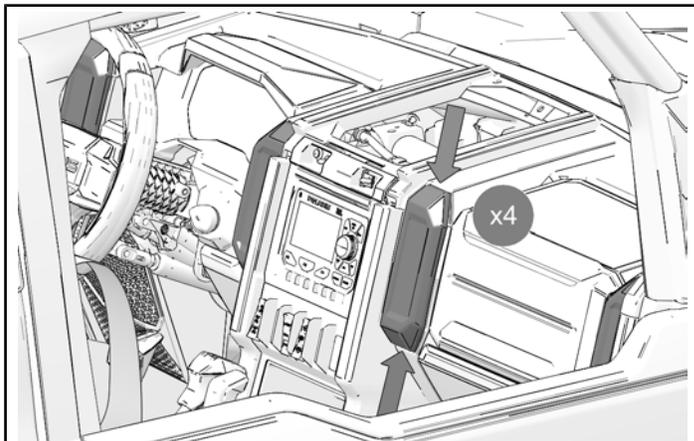


REMOVE DASH COVER

1. Remove four dash vents/covers. Pry simultaneously at top and bottom of vent/cover to remove.

IMPORTANT

Make sure white clips on back of vents/covers do not become lost.



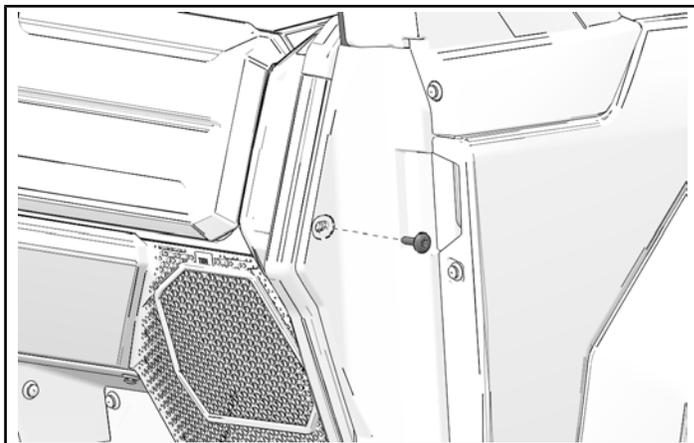
2. Remove one screw at each side of dash cover.

NOTICE

Right side shown; left side similar.

TIP

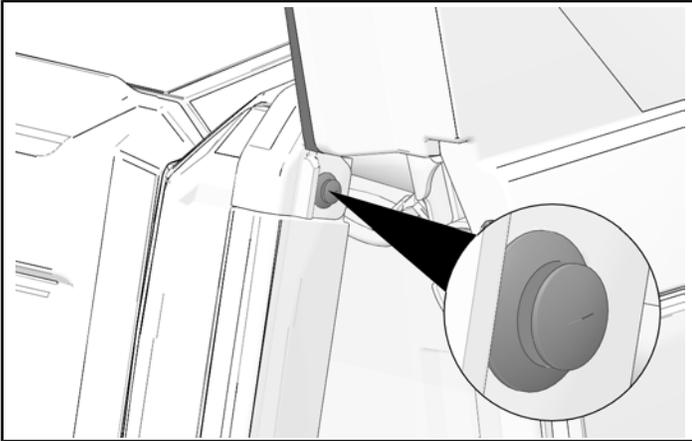
Doors will need to be fully open to access and remove these screws. Removal of these screws allows cover to be pulled open in next step to remove push-pin rivet.



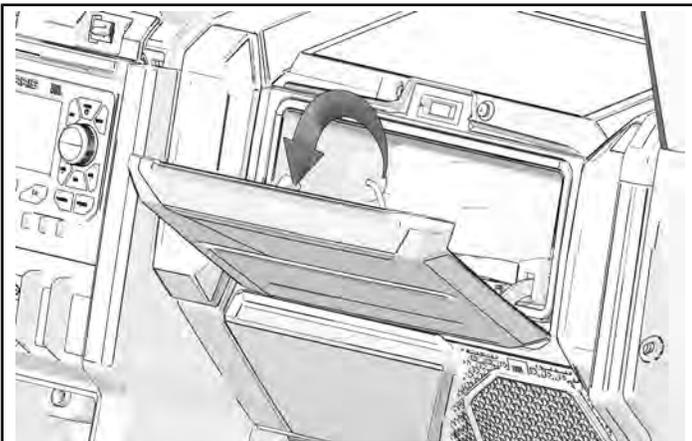
- Carefully pull plastic cover away from lower A-pillar area and remove one push-pin rivet from side of dash cover.

NOTICE

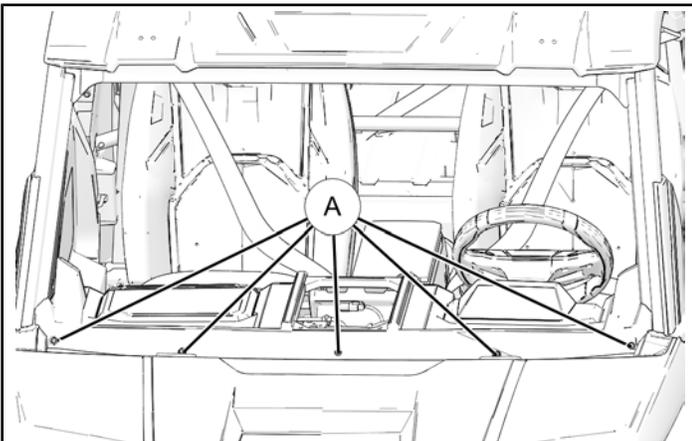
A-pillar trim hidden for clarity.



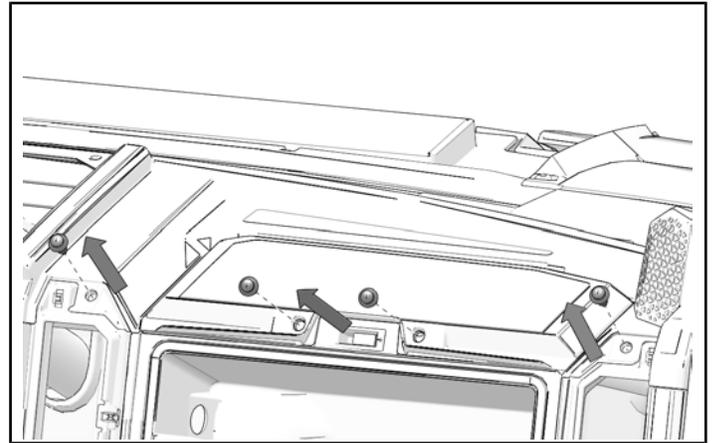
- Open glove box.



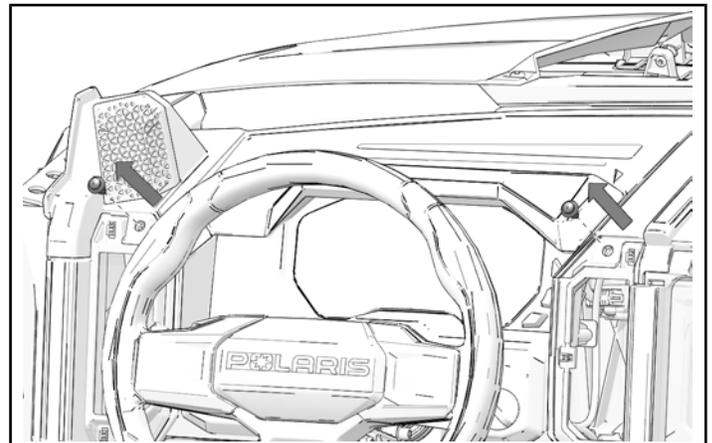
- Remove and keep five screws (A) and washers at front of dash cover.



- Remove four push-pin rivets from passenger side of dash cover.



- Remove two push-pin rivets from drivers side of dash cover.



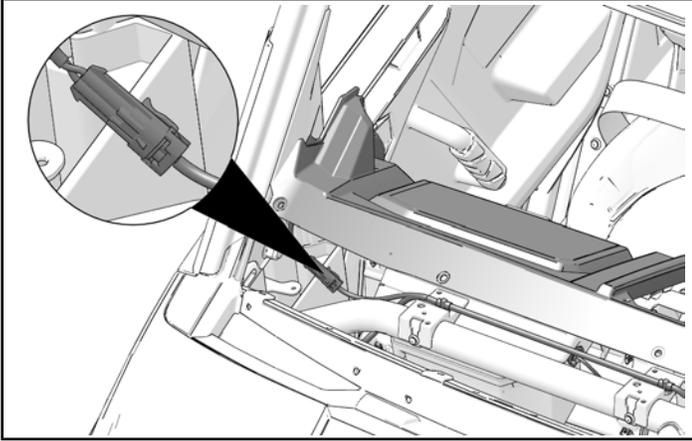
- Lift up and forward to remove dash cover.

TIP

Lift up on front center of dash to disengage two radio retention tabs.



- If vehicle is equipped with upper tweeters, make sure to unplug tweeters when removing dash cover.

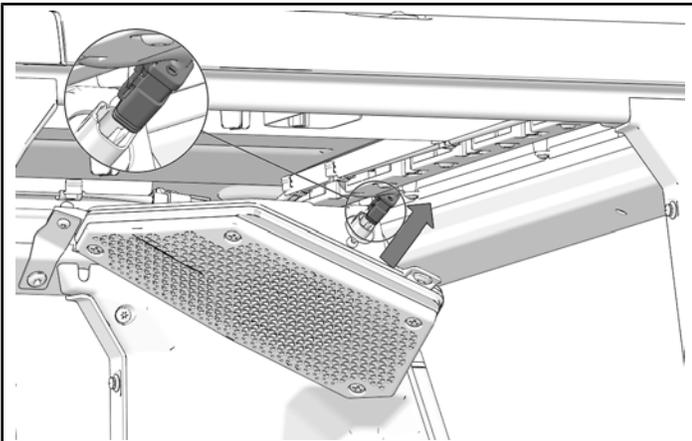


REAR SPEAKER REMOVAL (2 PASSENGER ONLY, IF EQUIPPED)

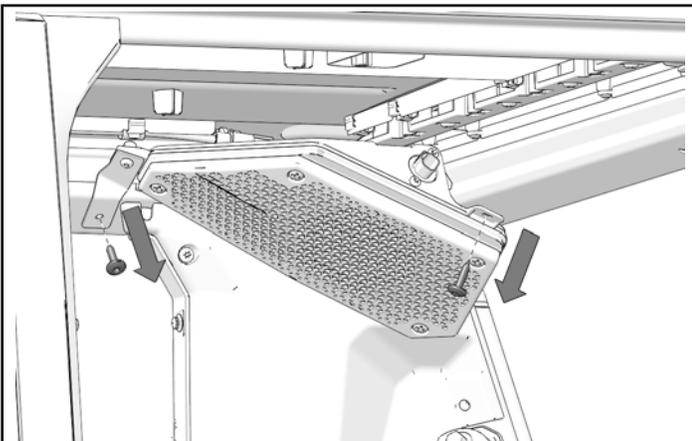
NOTICE

Right side shown; left side similar.

- Disconnect wiring harness from the rear speaker.

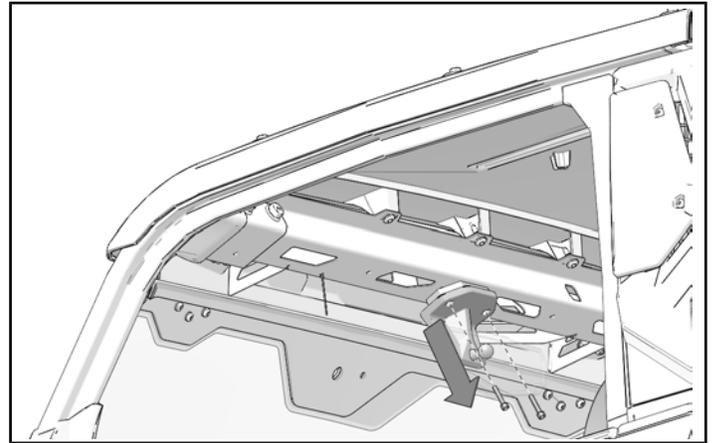


- Remove and keep two screws. Remove the speaker.

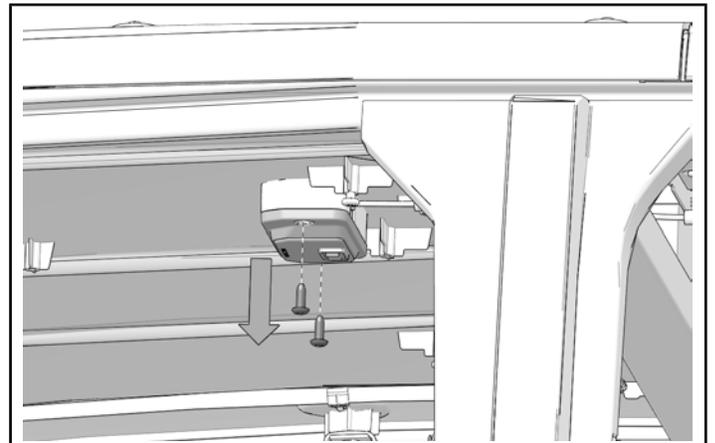


FRONT ROOF LINER REMOVAL

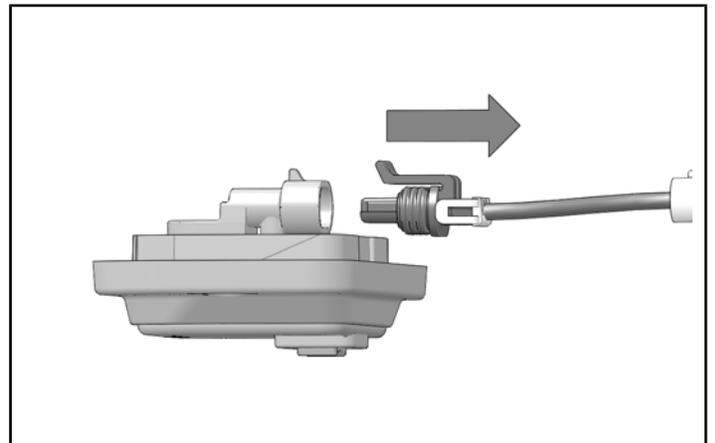
- Remove and save two screws and rearview mirror assembly (if equipped).



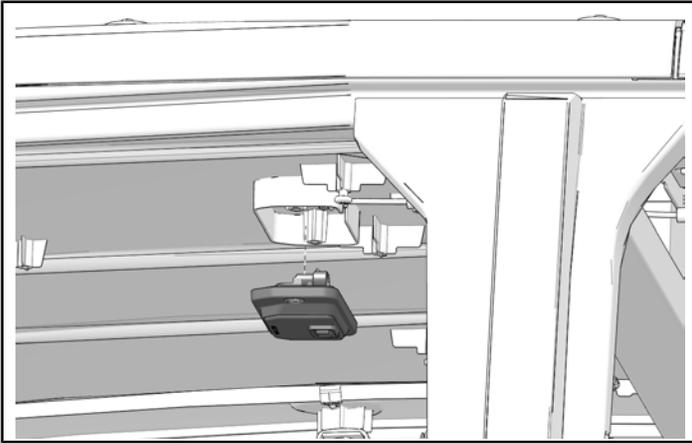
- Remove and keep two screws to uninstall dome light.



- Disconnect dome light from wiring harness.



4. Remove and keep dome light.



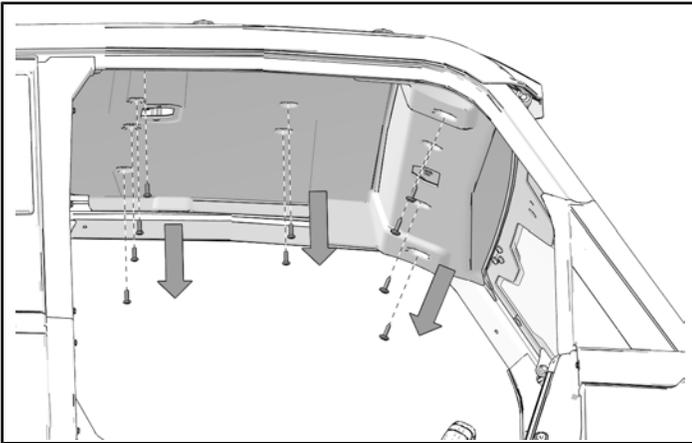
5. Remove and keep six screws from top of roof liner and four screws from front of roof liner.

NOTICE

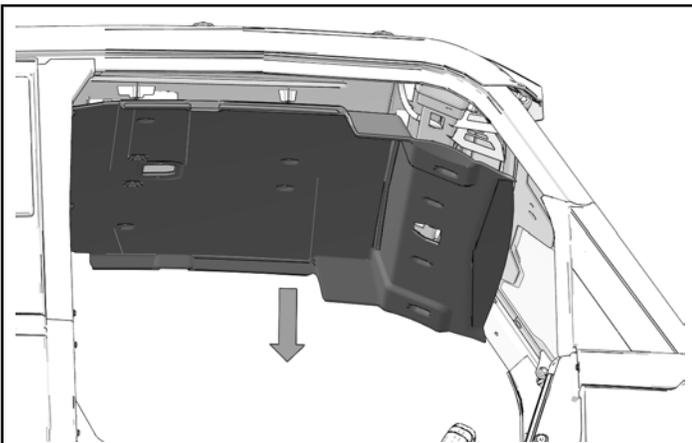
Vehicles that are not equipped with rearview mirror will have a fifth screw at front of roof liner.

NOTICE

Vehicles equipped with 2-passenger cab will have three additional screws near rear of roof liner.

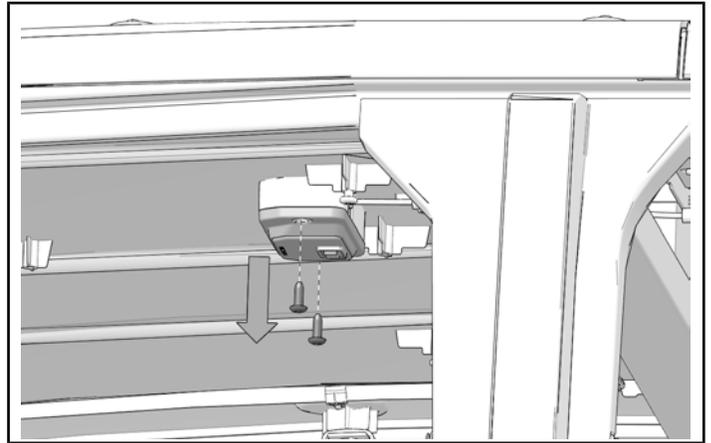


6. Remove and keep front roof liner.

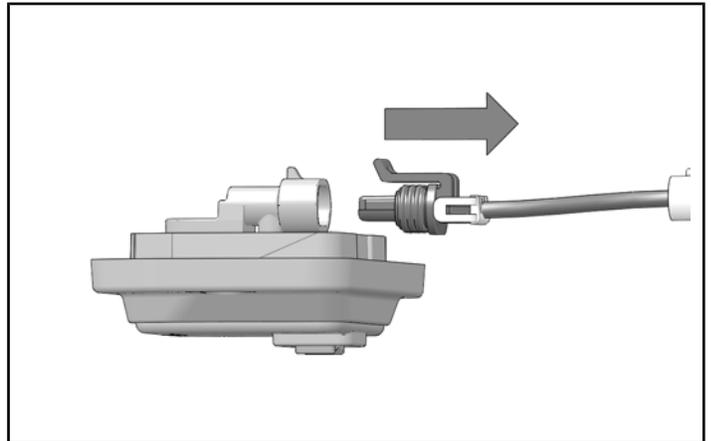


MID ROOF LINER REMOVAL

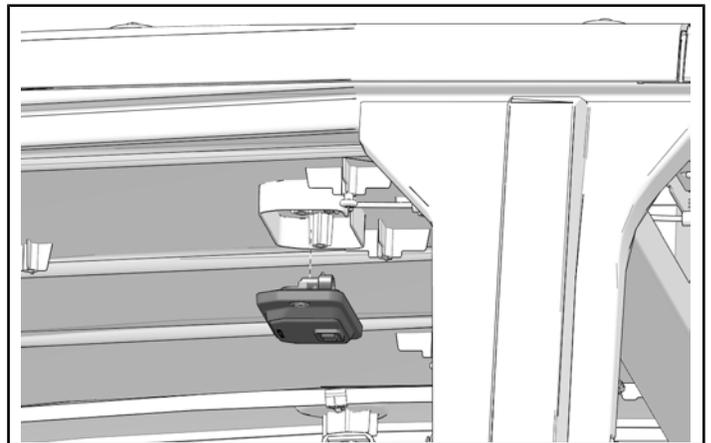
1. Remove and keep two screws to remove dome light.



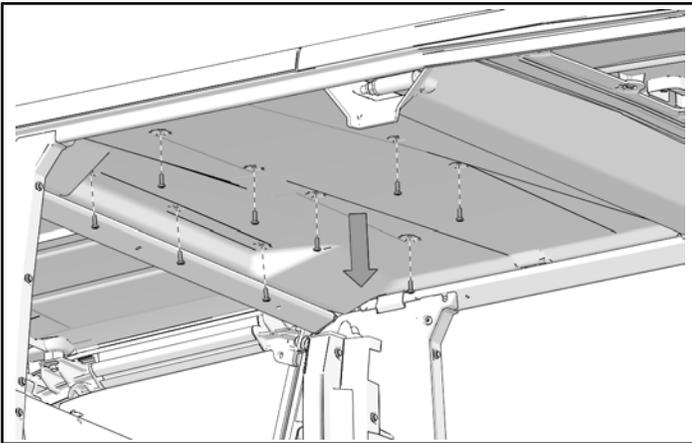
2. Disconnect dome light from wiring harness.



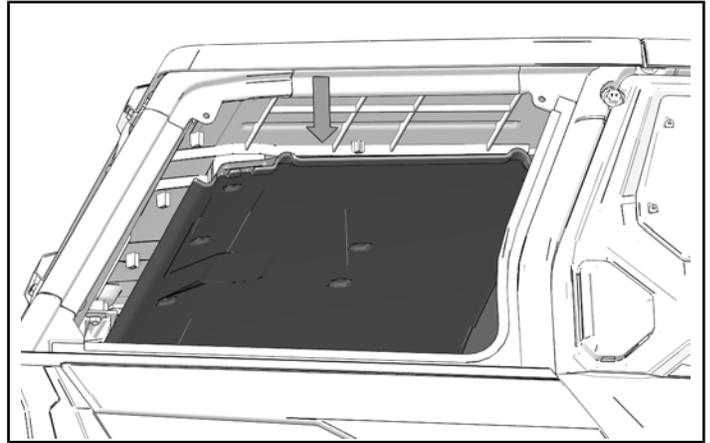
3. Remove and keep dome light.



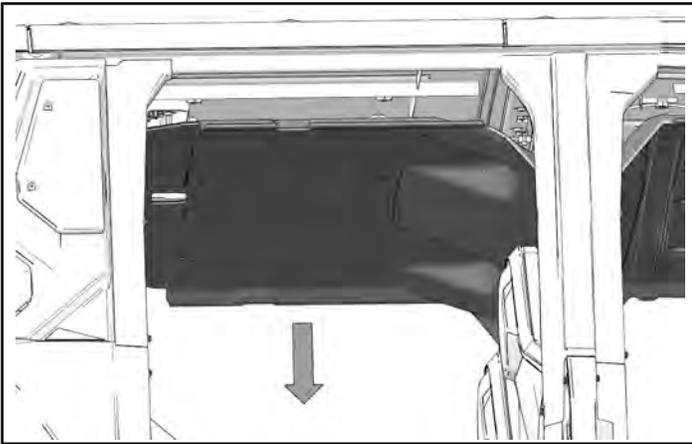
4. Remove and keep nine screws from mid roof liner.



2. Remove rear liner.

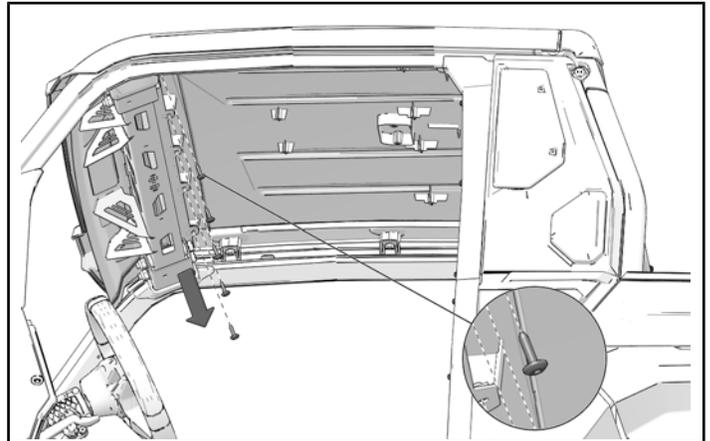


5. Remove mid roof liner.



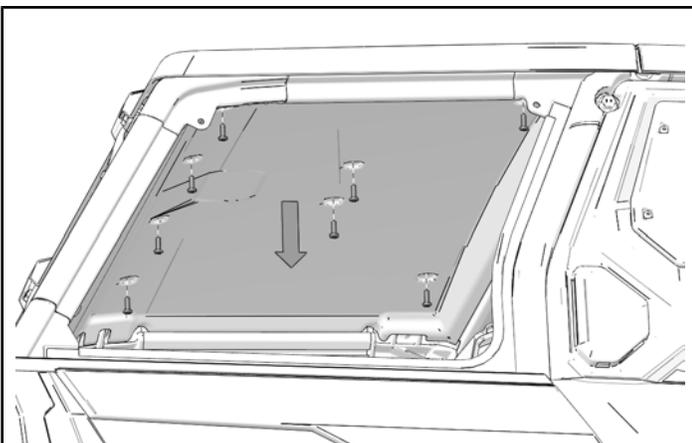
REMOVE FRONT ROOF SCREWS

1. Remove and keep five screws from front underside of roof.



REAR ROOF LINER REMOVAL

1. Remove and keep eight screws from rear liner.



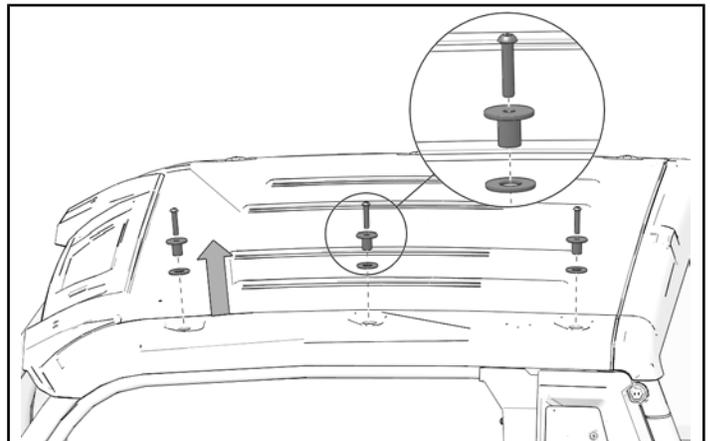
2. Remove and keep three front screws, spacers, and washers from each side of roof.

NOTICE

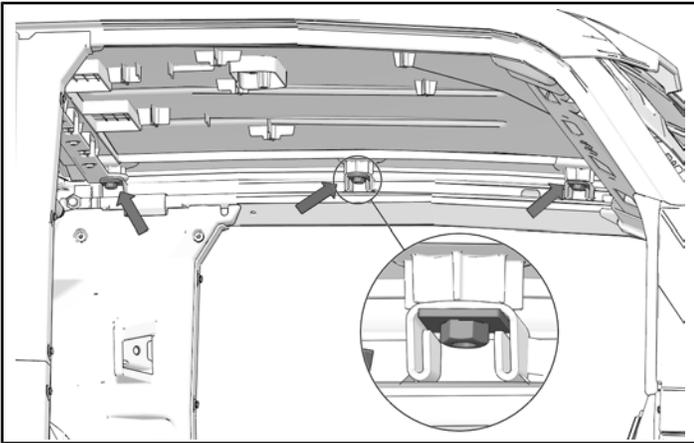
2 passenger vehicle shown; other models similar.

NOTICE

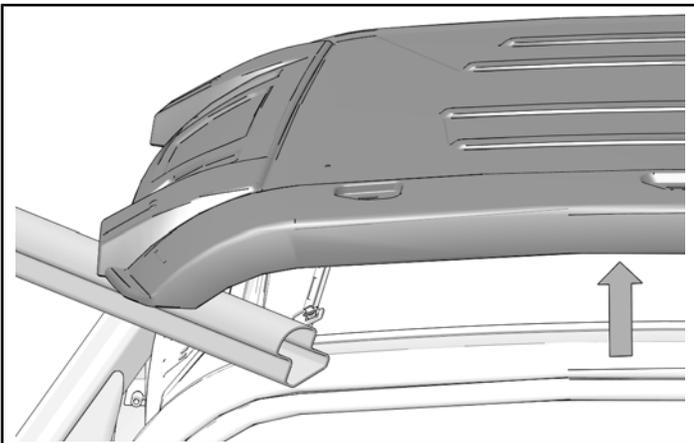
Left side shown; right side similar.



3. Remove and keep three weld nuts from each side of roof underside.



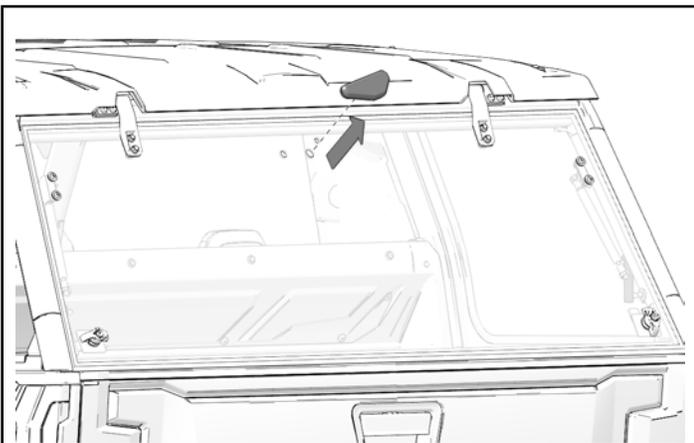
4. Use bar or other appropriate object to prop up corner of roof.



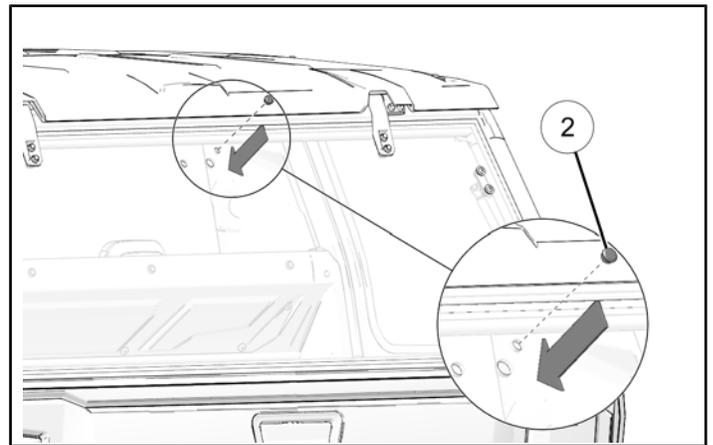
ACCESSORY INSTALLATION

WIPER MOTOR INSTALL

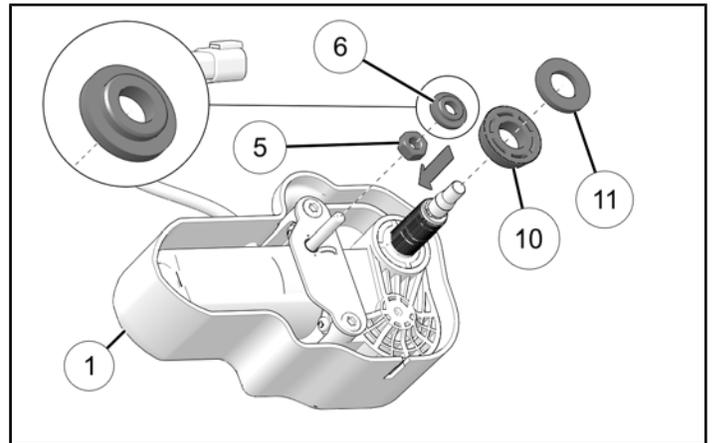
1. Remove cover from rear liftgate.



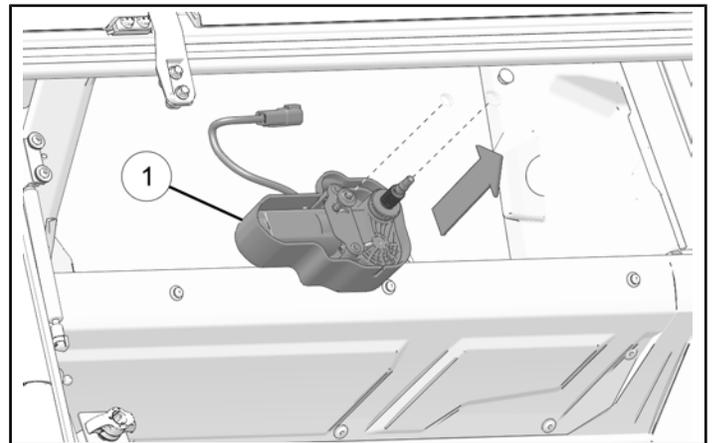
2. Install rubber window plug ② in rear liftgate.



3. Install nut ⑤ and sleeve washer ⑥ on anti-rotation shaft of motor ①. Note orientation of sleeve washer. Install retainer ⑩ and washer ⑪ on wiper motor shaft.



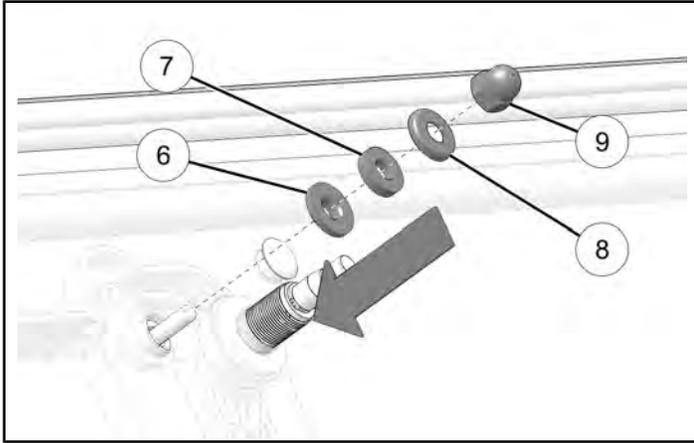
4. Install motor ① to rear liftgate.



5. Install sleeve washer ⑥, flat washer ⑦, spacer ⑧, and dome nut ⑨ on anti-rotation shaft. Torque dome nut to specification.

TORQUE

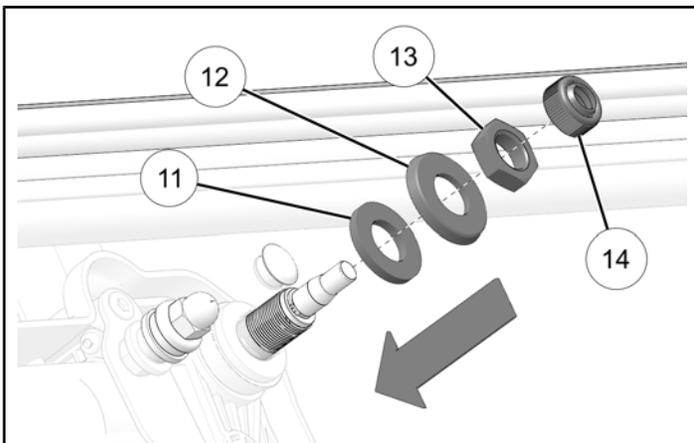
Dome Nut ⑨:
66 in-lbs (7.5 N·m)



6. Install washer ⑪, washer cap ⑫, and nut ⑬ on wiper motor shaft. Torque nut to specification. After nut is torqued, install cap ⑭.

TORQUE

Nut ⑬:
35 in-lbs (4 N·m)

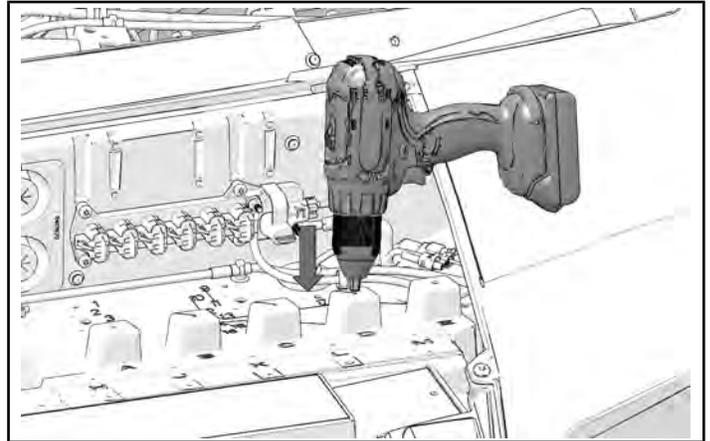


REAR WIPER CONTROL HARNESS AND SWITCH INSTALL

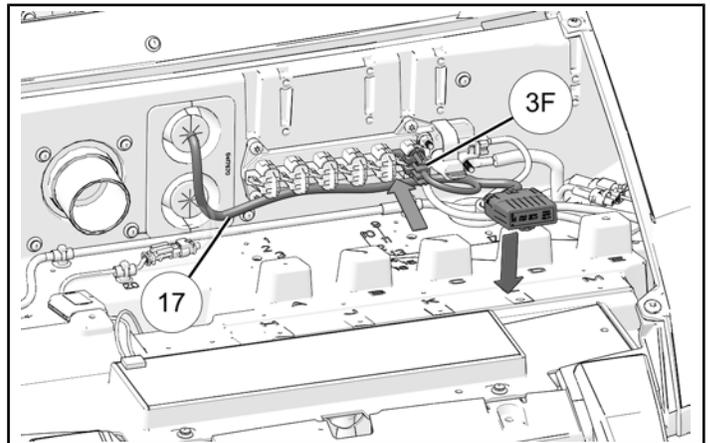
1. Drill hole at position ⑩ in the underhood liner.

MEASUREMENT

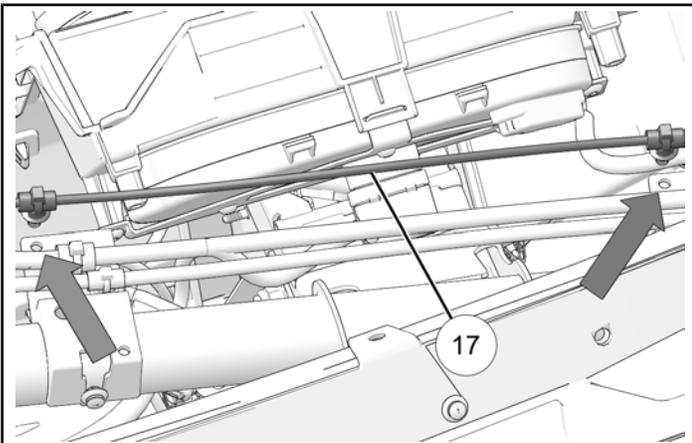
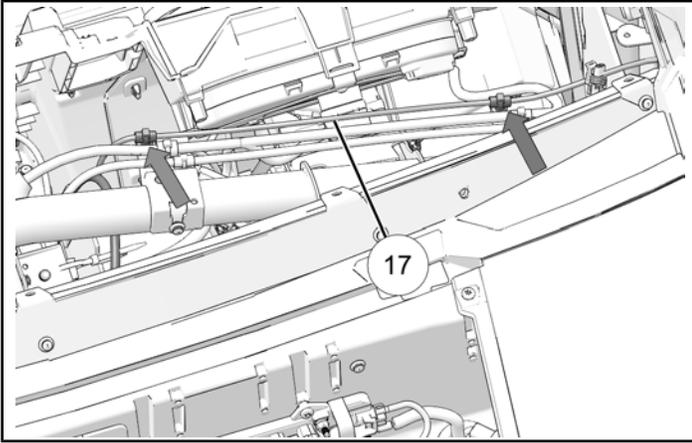
Drill Bit Size:
1/4 in (6 mm)



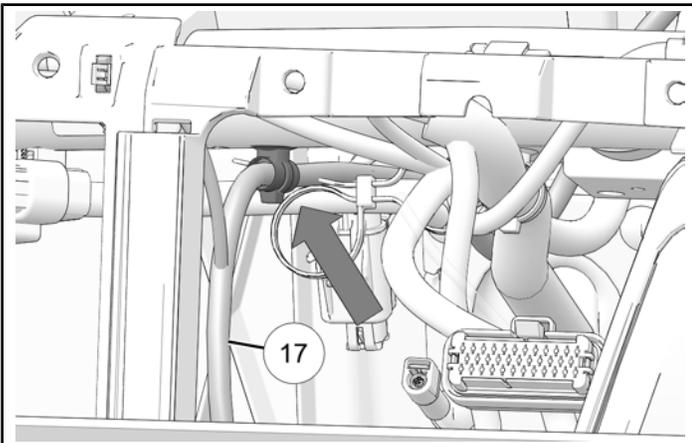
2. Push connector of fuse block for control harness ⑰ into hole at location ⑩ in underhood liner. Plug harness connector 3F into Polaris Pulse® bar. Route remainder of harness through the upper hole in grommet at rear of underhood liner.



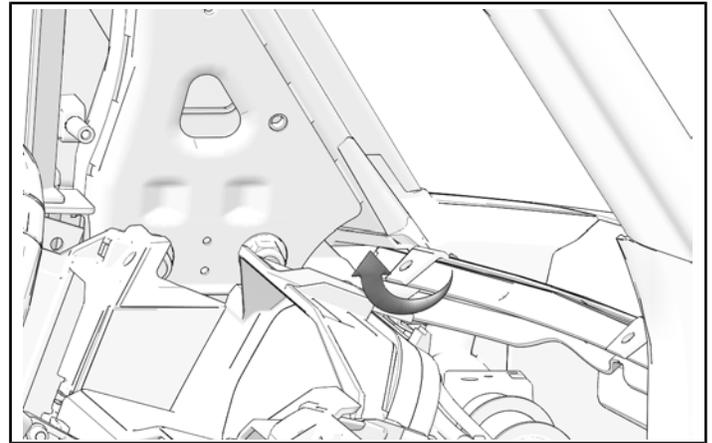
3. Route longer leg of harness ⑰ toward base of drivers side A-pillar. Install harness clips at points shown.



4. Install remaining harness ⑰ clip behind head unit opening.



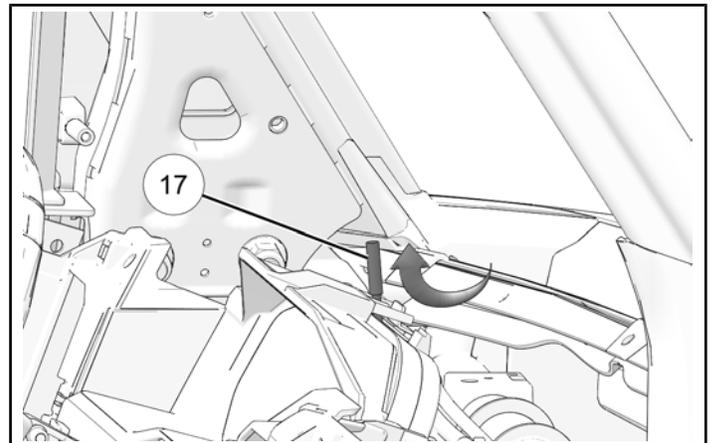
5. Locate opening in ROPS at base of left A-pillar tube.



6. Feed end of harness ⑰ up into opening in ROPS A-pillar.

TIP

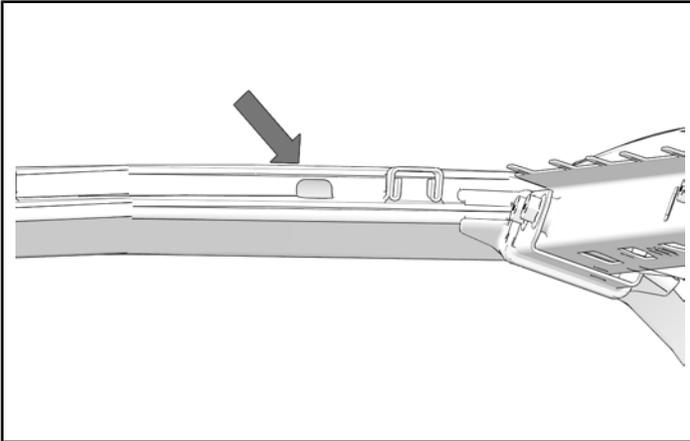
If vehicle is equipped with full poly windshield, remove upper windshield mounting hardware to avoid interference between harness and screw inside A-pillar tube.



7. Feed wiring harness through ROPS A-pillar while watching for end to appear in opening above drivers window area.

NOTICE

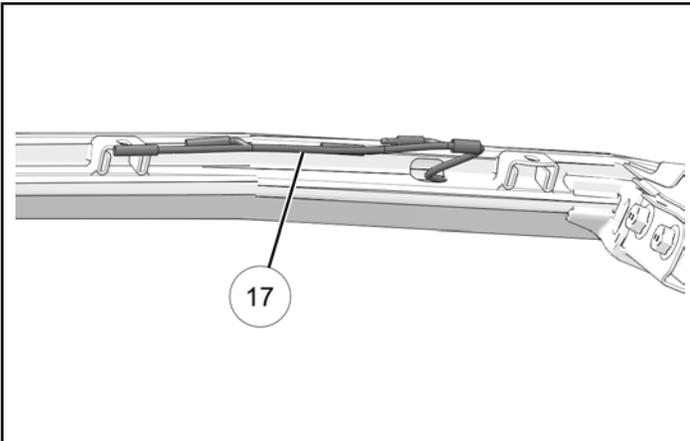
Roof hidden for clarity.



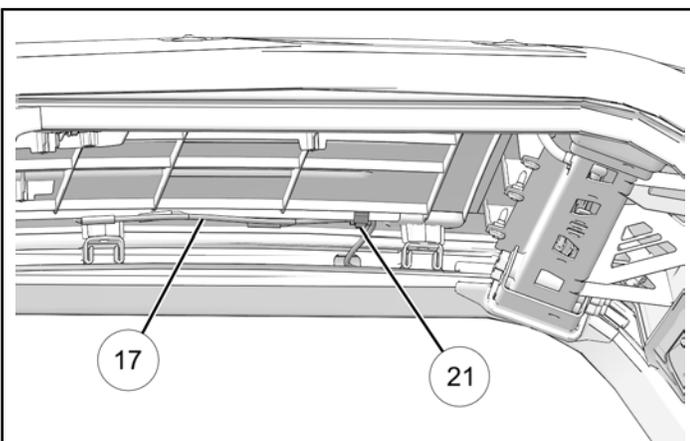
8. Pull end of harness ⑰ through opening in ROPS.

TIP

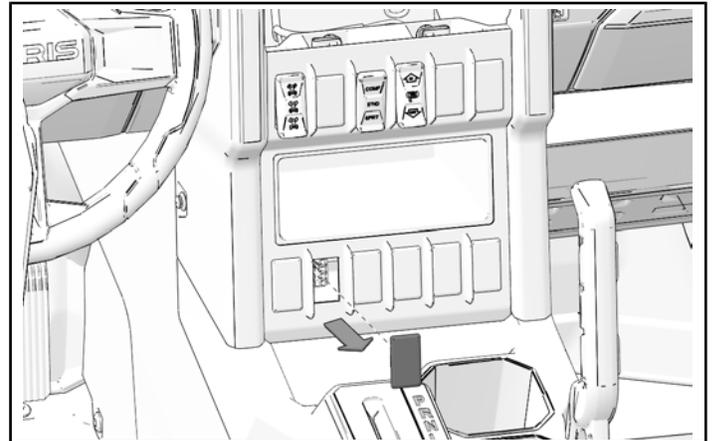
Use a pick or hook tool to help pull end of harness through opening.



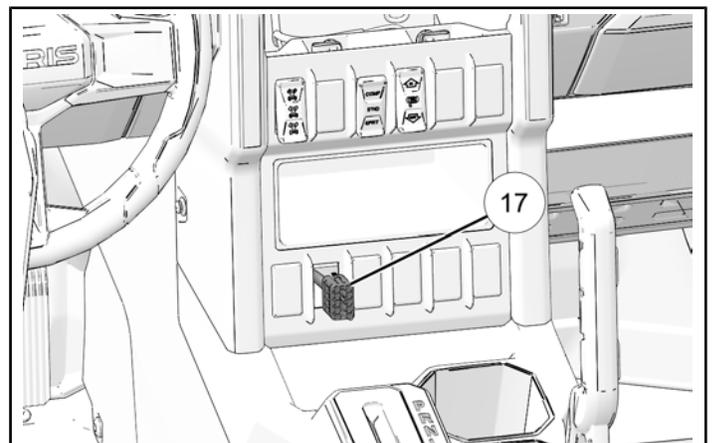
9. Install edge clip ⑳ on harness ⑰ near ROPS hole. Attach edge clip to roof.



10. Remove switch cover from appropriate opening in dash.



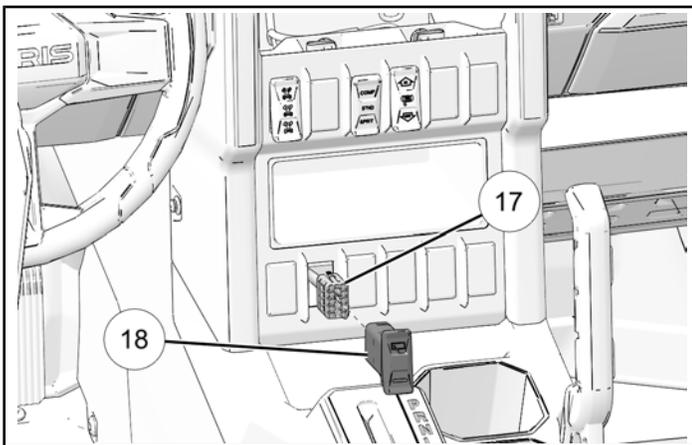
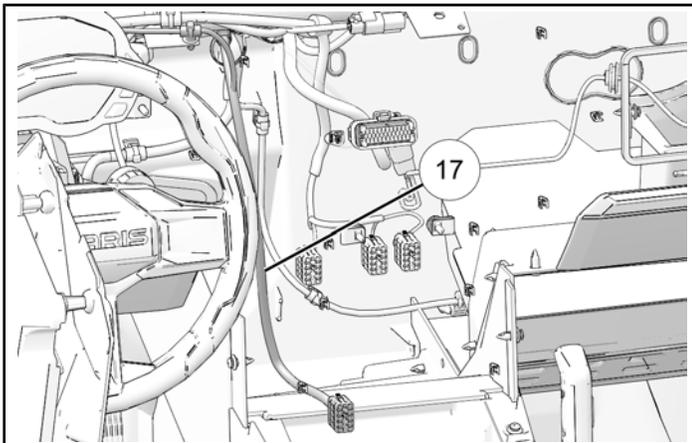
11. Pull harness ⑰ through opening in dash.



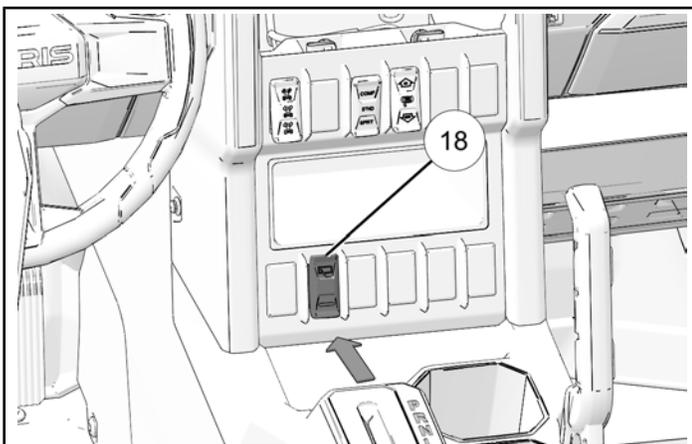
12. Connect switch ⑱ to harness ⑰.

NOTICE

Dash hidden to show full harness routing.



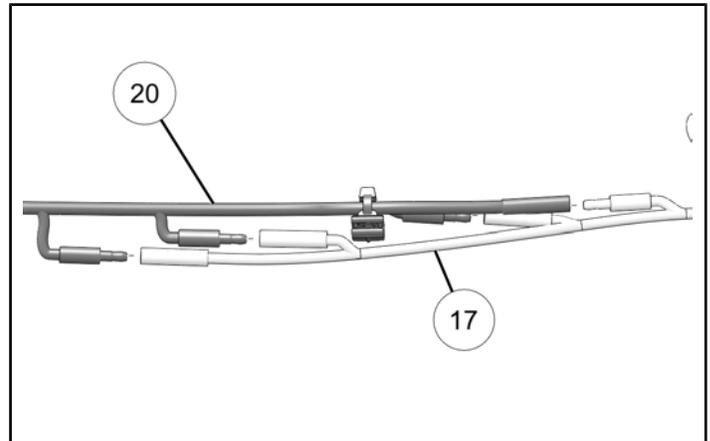
13. Push switch ⑱ into opening until it seats with an audible click.



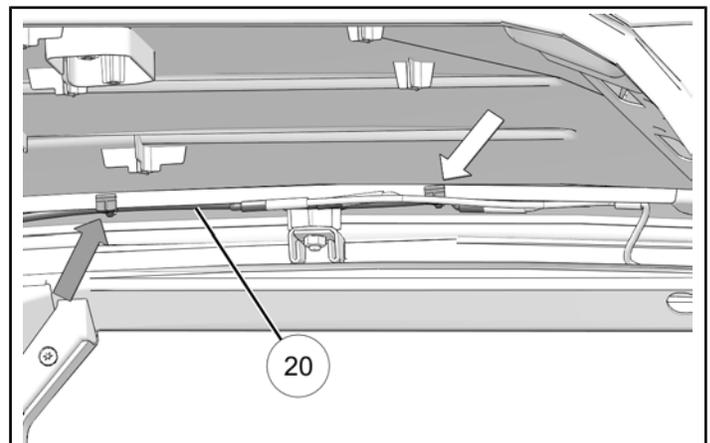
REAR WIPER EXTENSION HARNESS INSTALL (MULTI-PASSENGER VEHICLE ONLY)

1. Remove any support holding up roof. Allow roof to lie flat.

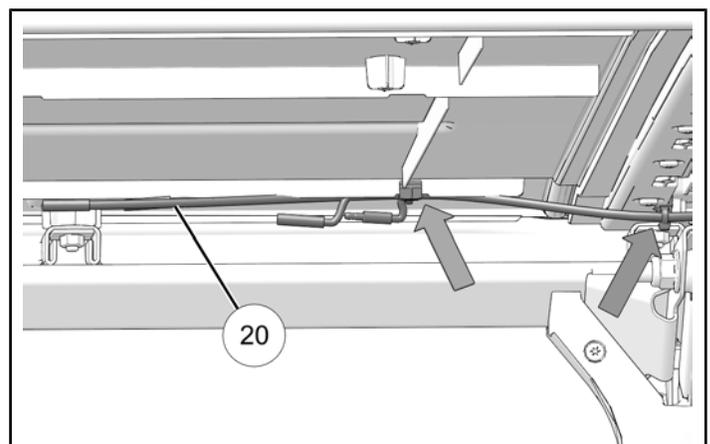
2. Connect extension harness ⑳ to control harness ⑰.



3. Connect edge clips to roof as shown. Route remainder of harness over the ROPS toward rear seats.



4. Attach edge clips to roof as shown in the rear seat area. Frontmost clip attaches to front edge of middle roof panel.



REAR WIPER HARNESS INSTALL

NOTICE

Multi-passenger vehicle installation shown; 2-passenger vehicle installation similar.

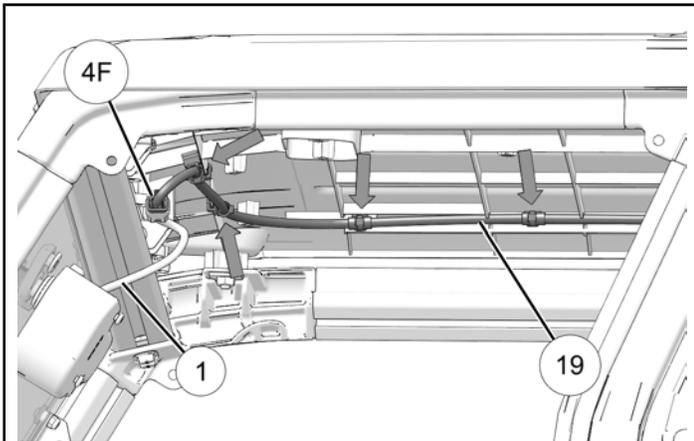
1. Install connector **4F** of rear wiper harness **19** to wiper motor **1**. Attach edge clips to roof as shown.

NOTICE

Right side view of cargo area shown.

TIP

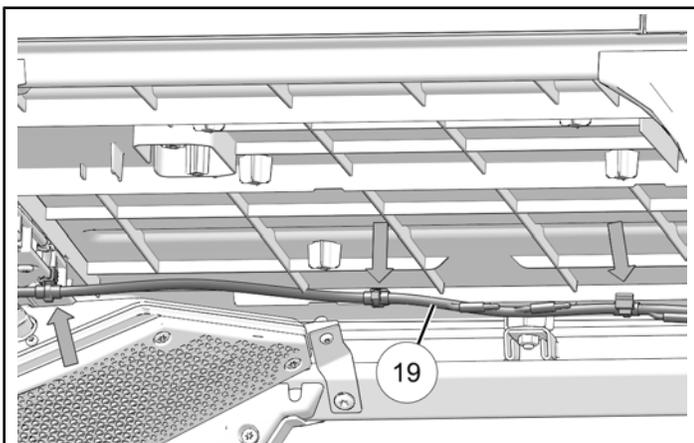
Check fit of cargo area roof liner with wiper harness installed. Cut slit in roof liner for proper fit, as needed.



2. Route harness **19** into rear passenger area along left side of roof, and under ROPS. Attach edge clips to roof as shown.

NOTICE

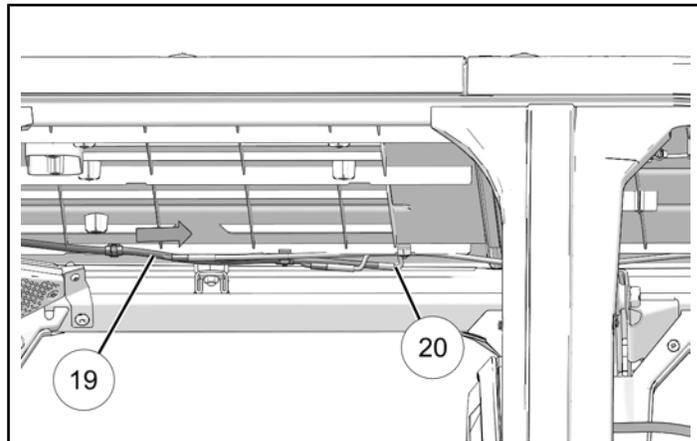
Right side view of cargo area shown.



3. Connect harness **19** to harness **20**. Join connectors as shown. Attach edge clip to roof panel.

NOTICE

For 2-passenger vehicles, connect harness **19** to harness **17**.



VEHICLE REASSEMBLY

INSTALL FRONT ROOF SCREWS

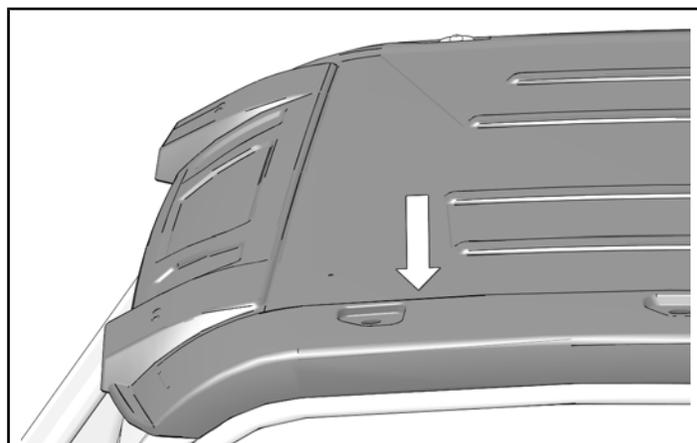
1. Remove any object propping up corner of roof. Lay roof flat on vehicle.

NOTICE

2 passenger vehicle shown; other models similar.

NOTICE

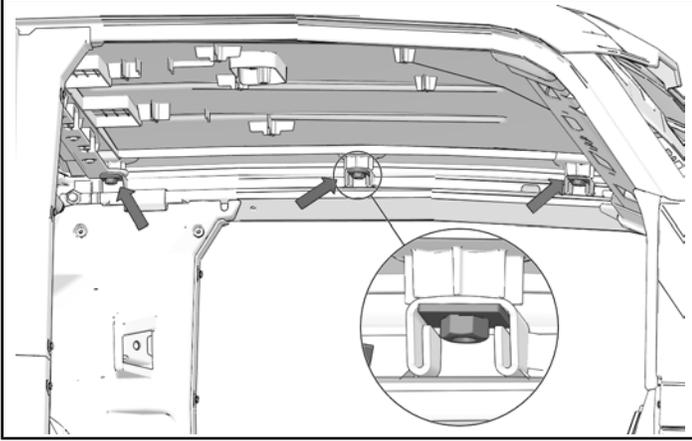
Left side shown; right side similar.



2. Install three weld nuts on each side of roof underside.

TIP

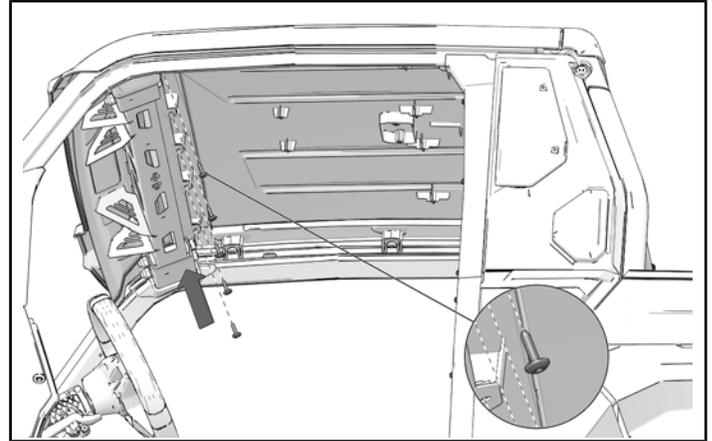
On 2 passenger vehicle only, rear nut on each side will need to be held in place while starting screw in nut. All other nuts will be held in place by brackets on ROPS.



4. Install five screws in underside of roof. Torque screws to specification.

TORQUE

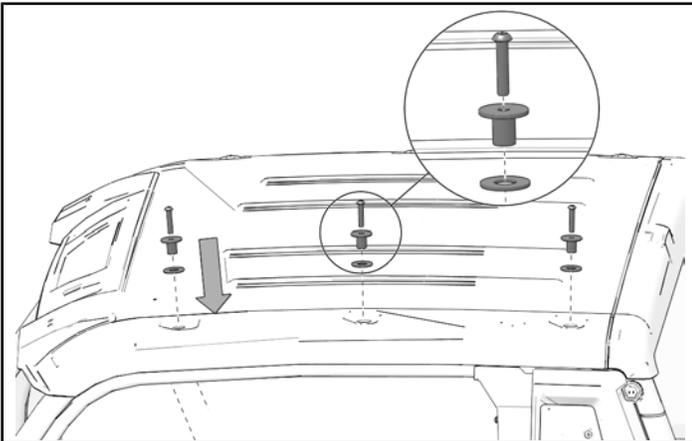
Roof Screws:
42 in-lbs (4.7 N·m)



3. Install three washers, spacers, and screws on each side of roof. Tighten screws to specification.

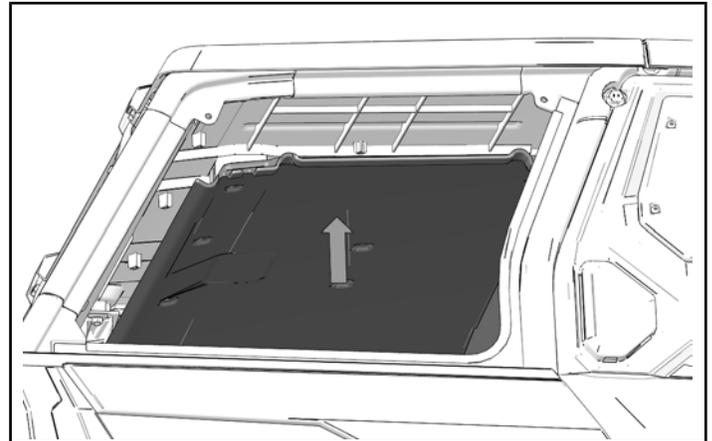
TORQUE

Roof Screws:
18 ft-lbs (25 N·m)



REAR ROOF LINER INSTALLATION

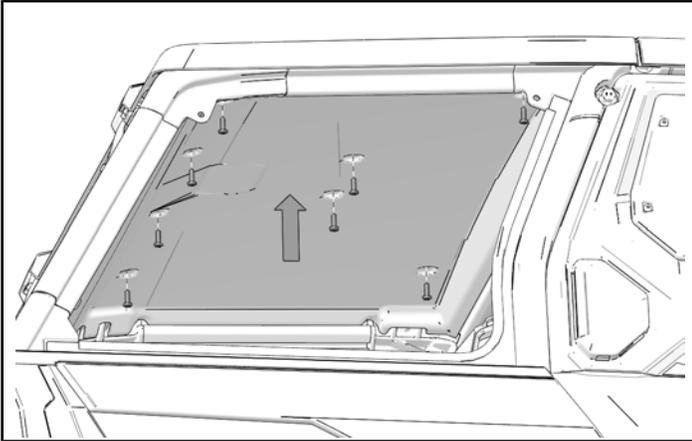
1. Install rear roof liner.



2. Install eight screws in roof liner. Torque screws to specification.

TORQUE

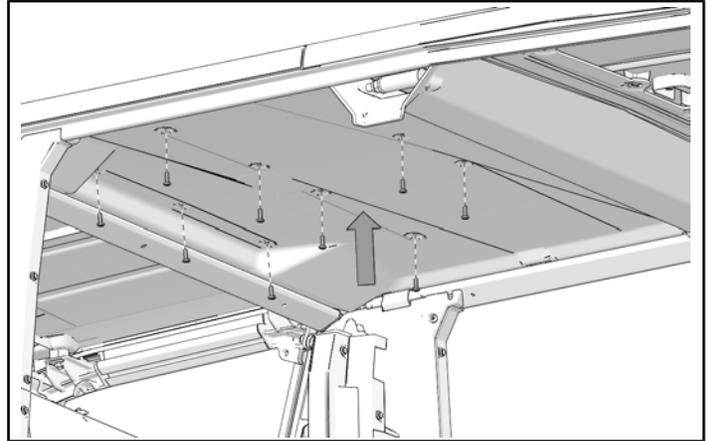
Roof Liner Screws:
27 in-lbs (3 N·m)



2. Install nine screws in top of roof liner. Torque screws to specification.

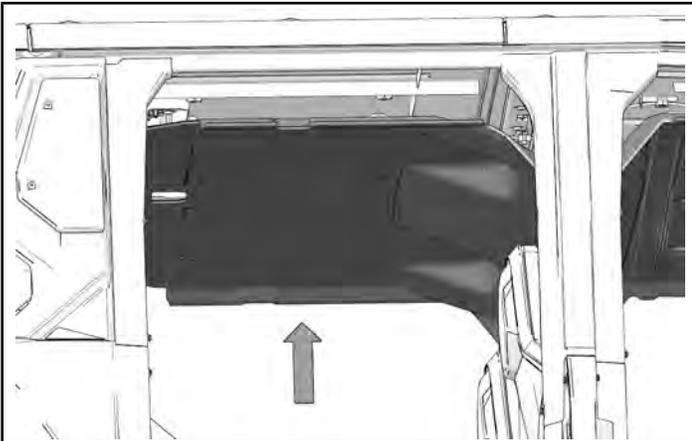
TORQUE

Roof Liner Screws:
27 in-lbs (3 N·m)

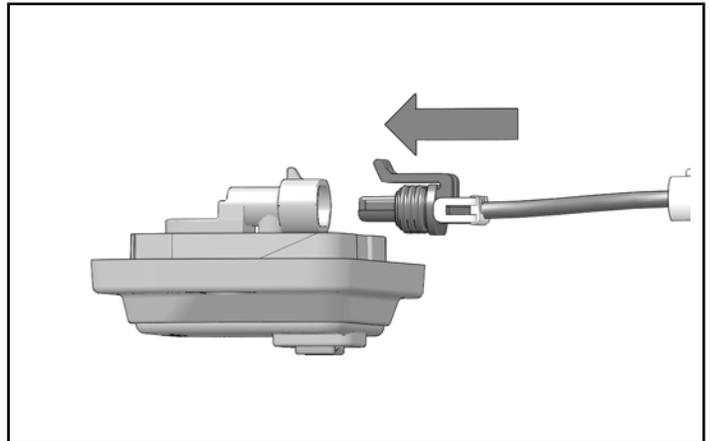


MID ROOF LINER INSTALLATION

1. Install mid roof liner.



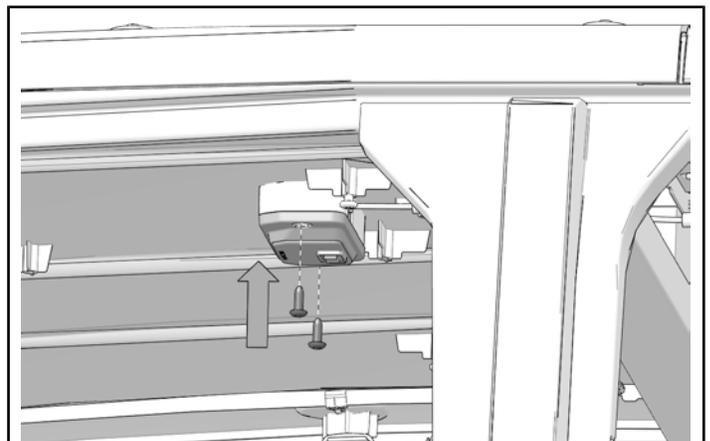
3. Connect wiring harness to dome light.



4. Install dome light with two screws. Torque screws to specification.

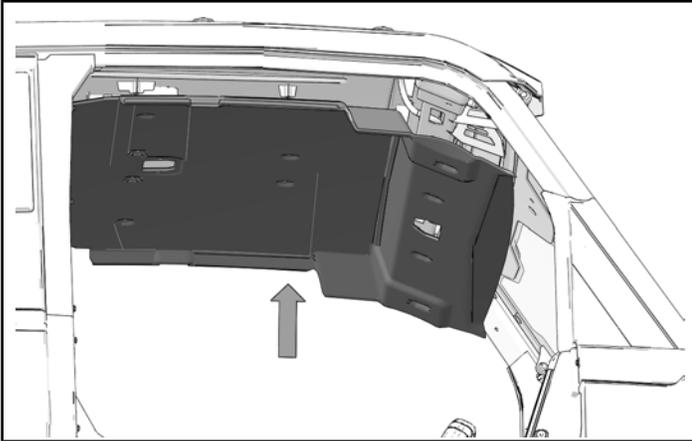
TORQUE

Dome Light Screws:
22 in-lbs (2.5 N·m)



FRONT ROOF LINER INSTALLATION

1. Install front roof liner.



2. Install six screws in top of roof liner and four screws in front of roof liner. Torque screws to specification.

NOTICE

Vehicles that are not equipped with rearview mirror will have a fifth screw at front of roof liner.

NOTICE

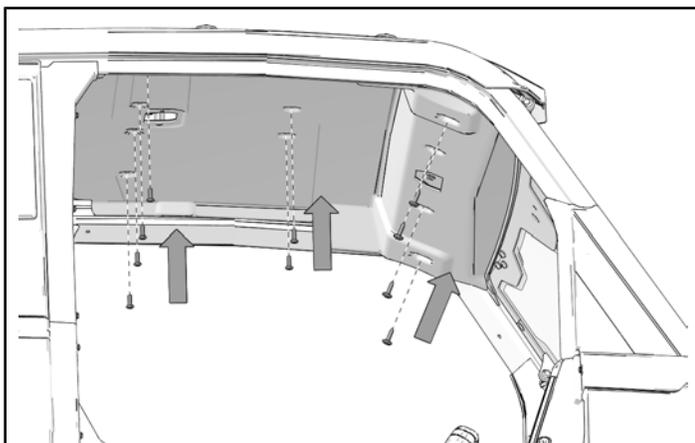
Vehicles equipped with 2-passenger cab will have three additional screws near rear of roof liner.

TORQUE

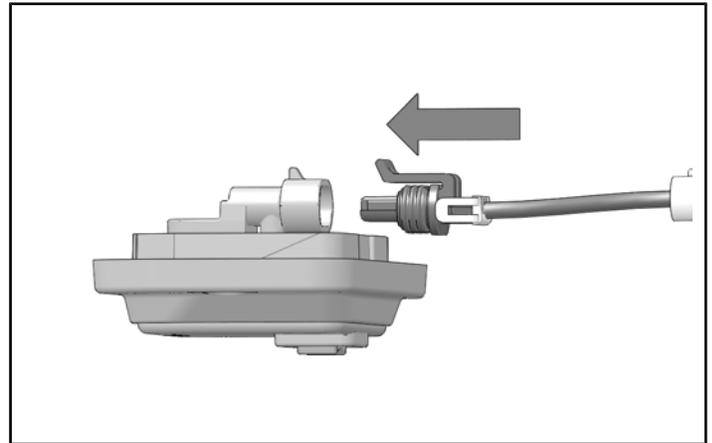
Top Roof Liner Screws:
27 in-lbs (3 N·m)

TORQUE

Front Roof Liner Screws:
44 in-lbs (5 N·m)



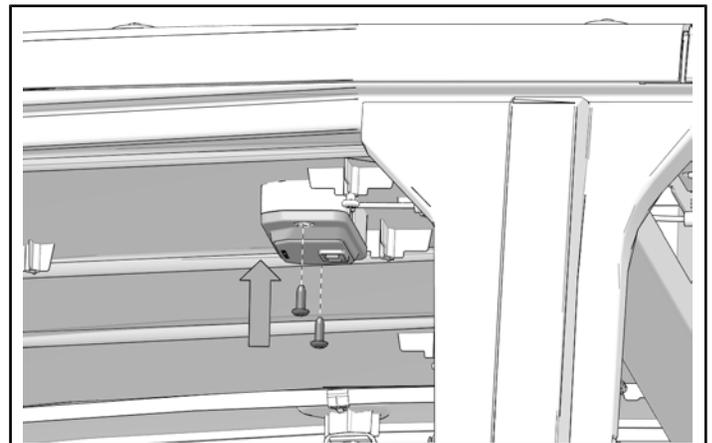
3. Connect wiring harness to dome light.



4. Install dome light with two screws. Torque screws to specification.

TORQUE

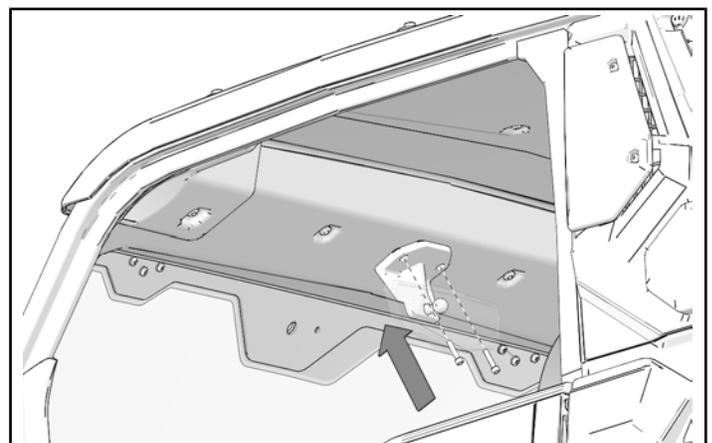
Dome Light Screws:
22 in-lbs (2.5 N·m)



5. Install rearview mirror assembly with two screws. Torque screws to specification.

TORQUE

Mirror Screws:
31 in-lbs (3.5 N·m)



REAR SPEAKER INSTALLATION

1. Install speaker using the kept screws. Torque screws to specification.

TORQUE

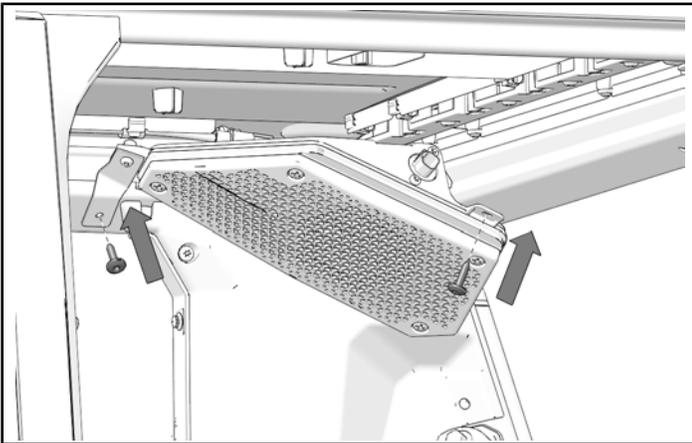
Speaker Mounting Screws:
44 in-lbs (5 N·m)

NOTICE

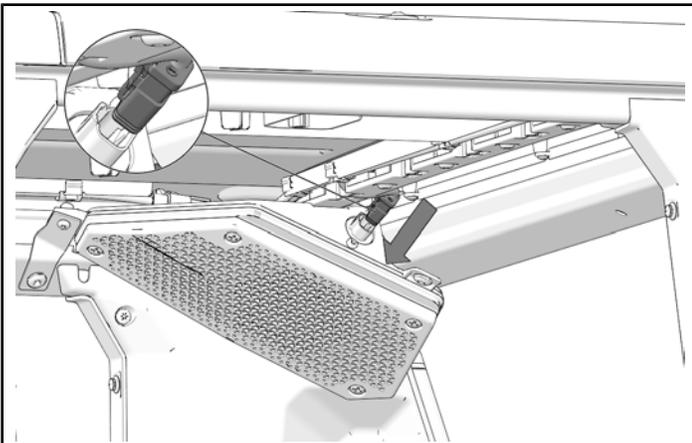
Right side shown; left side similar.

TIP

Top of speaker has a shape that engages a space in ROPS. Make sure speaker is fully seated in this space before installing screws.

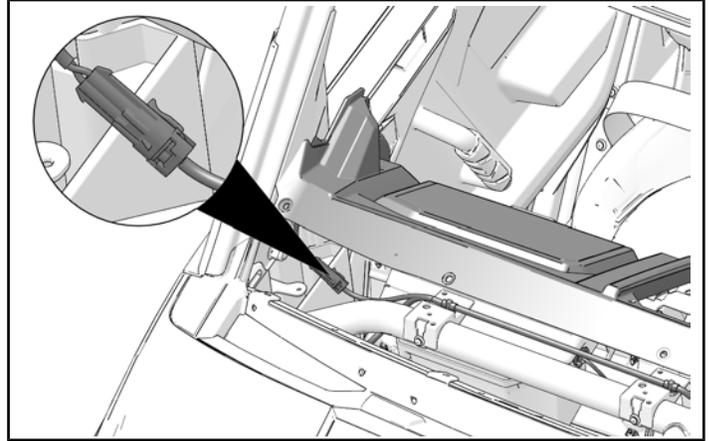


2. Connect the wiring harness to the speaker.



INSTALL DASH COVER

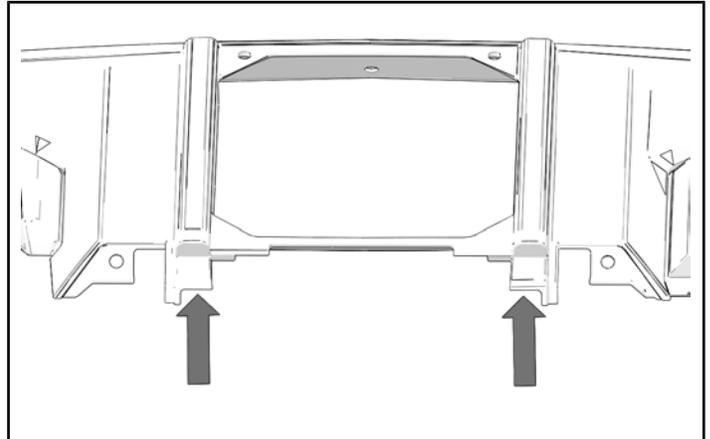
1. Connect speaker wires if necessary.



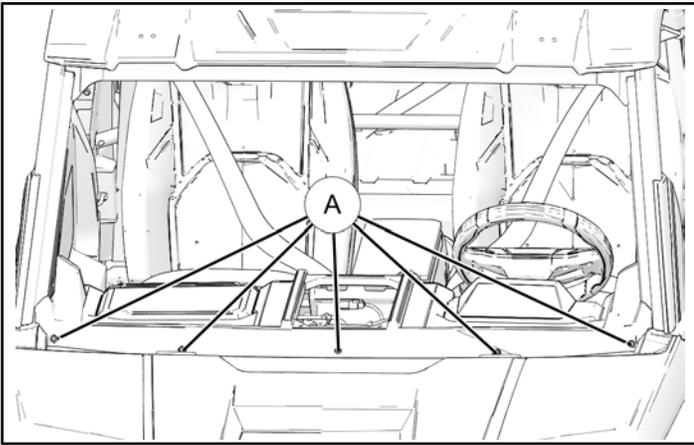
2. Put front of dash cover in position and set into place. Make sure center of dash is placed in slots on vehicle.

TIP

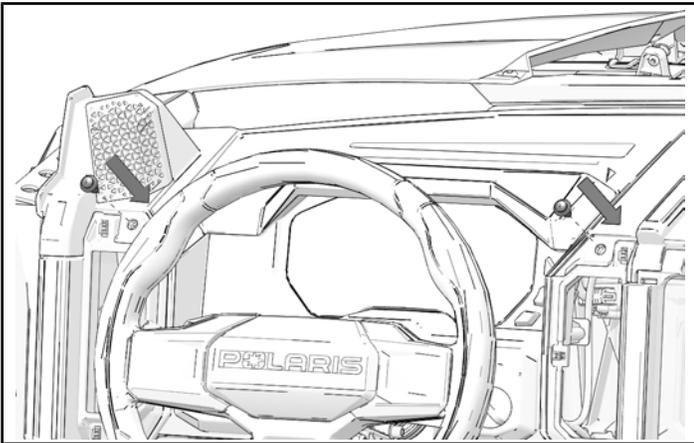
If head unit/storage bin was not removed, make sure these tabs are inserted behind the head unit trim.



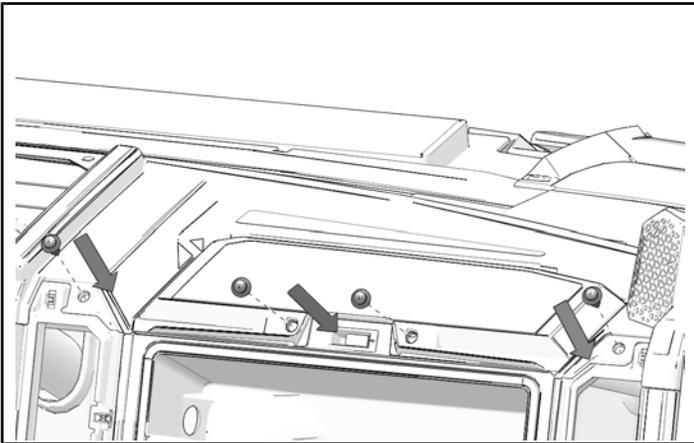
3. Install five push screws (A).



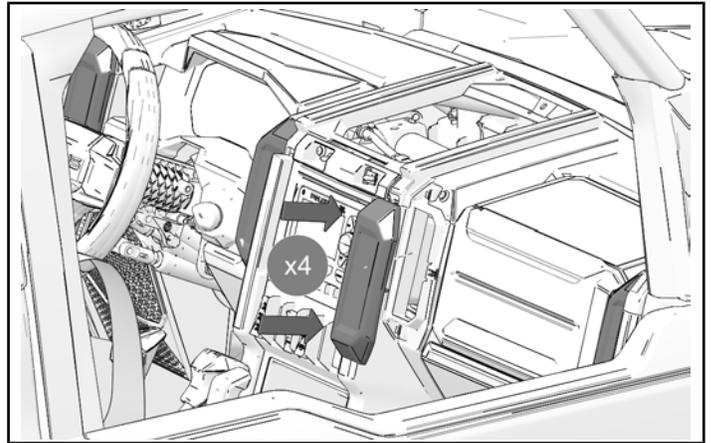
4. Install two push pin rivets on drivers side of dash cover.



5. Install four push pin rivets on passenger side of dash cover.



6. Install four dash vent covers. Push evenly at top and bottom to install.



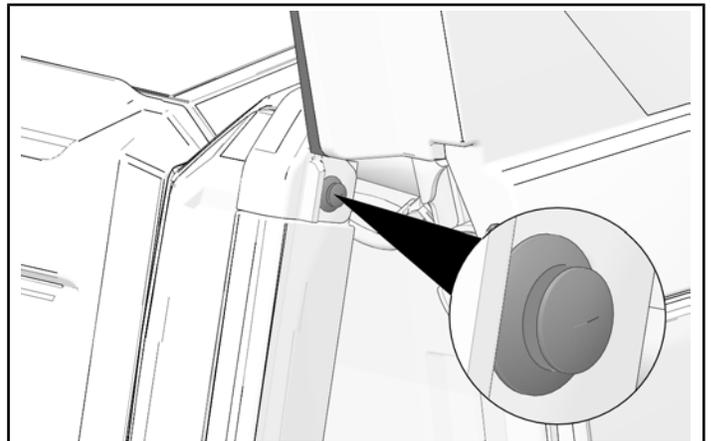
7. Install one push pin rivet at each side of dash.

NOTICE

A-pillar trim hidden for clarity.

NOTICE

Right side shown; left side similar.



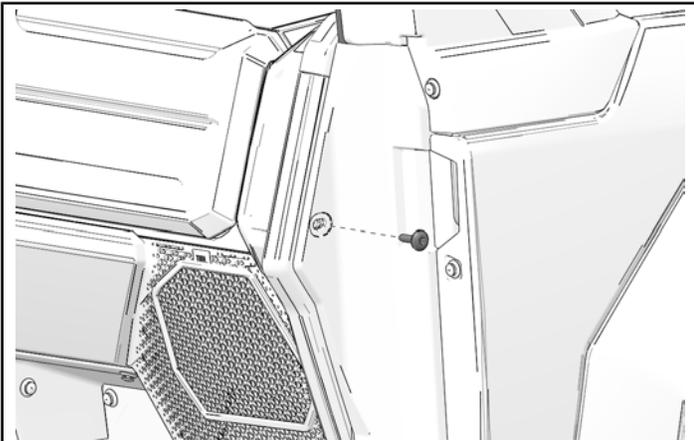
8. Install one screw at each side of dash. Torque to specification.

NOTICE

Right side shown; left side similar.

TORQUE

Dash Screws:
26.5 in-lbs (3 N·m)

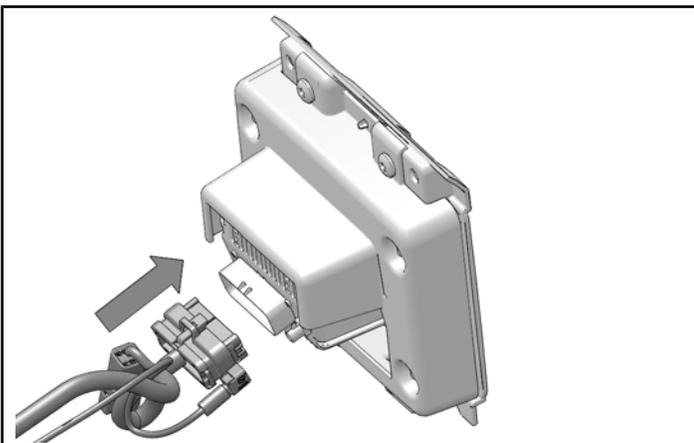


HEAD UNIT INSTALLATION

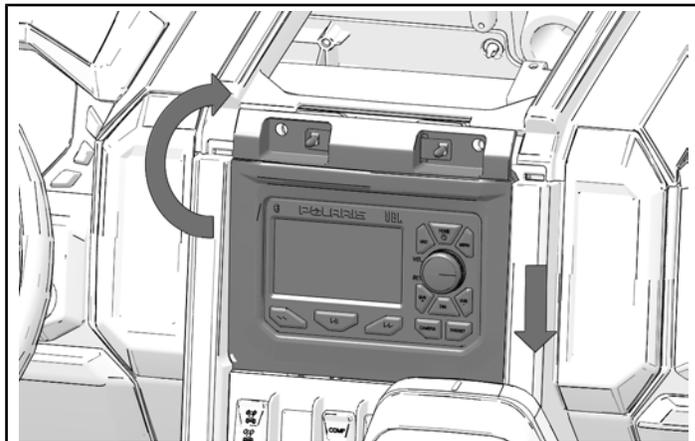
NOTICE

Base audio head unit installation shown. Ride Command® display installation similar.

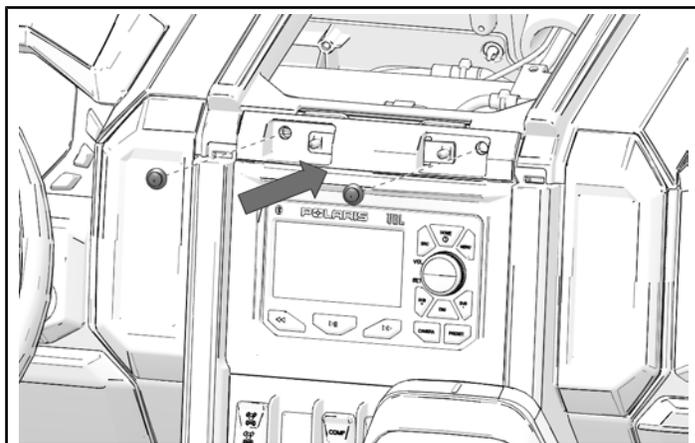
1. Attach wiring harness and antenna to head unit.



2. Put bottom of head unit into position. Push top of head unit into dash.

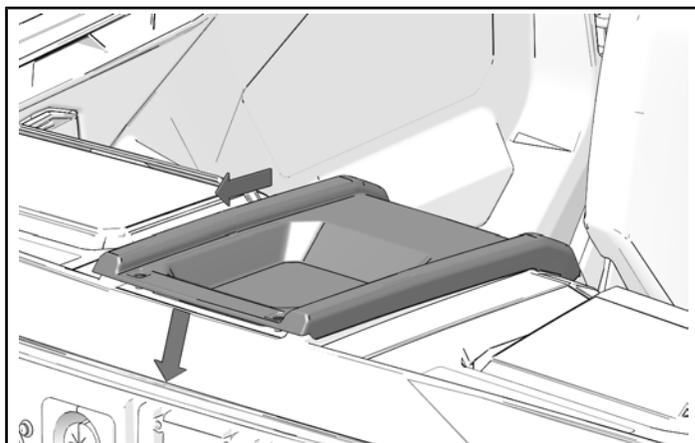


3. Install two push-pin rivets into top of head unit.

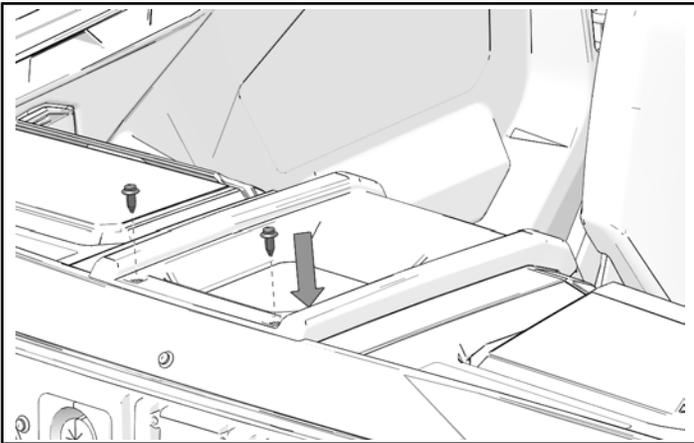


CENTER DASH PANEL INSTALLATION

1. Install center panel. Install rear tabs into dash, then lower into position.



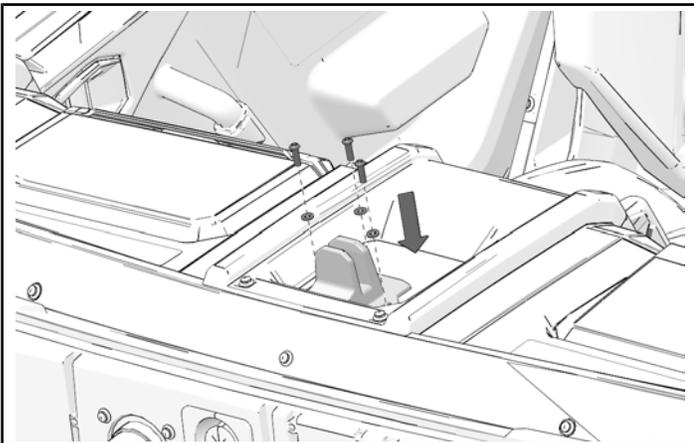
2. Install two push-pin rivets.



3. If vehicle is equipped with tip-out windshield. Install base, three screws, and washers. Torque screws to specification.

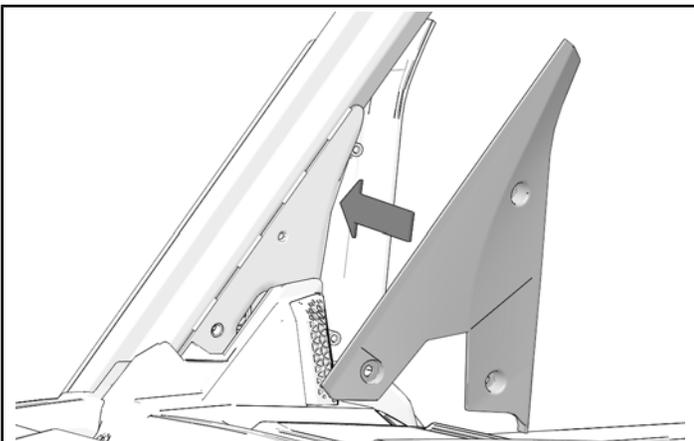
TORQUE

Base Screws:
89 in-lbs (10 N·m)



INSTALL LOWER A-PILLAR TRIM

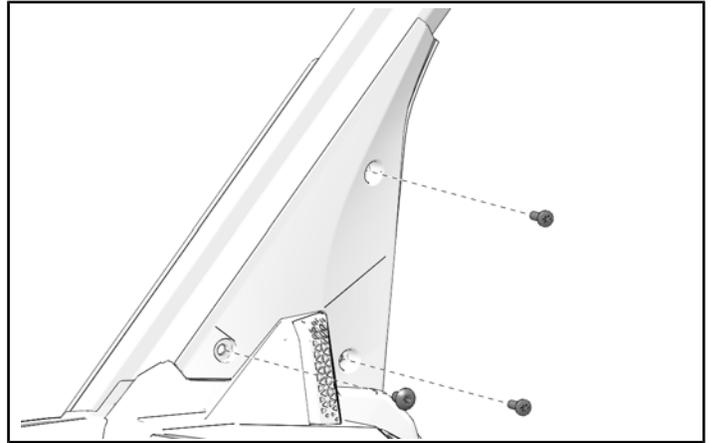
1. Put lower A-pillar trim in position at base of A-pillar.



2. Install three screws. Torque to specification.

TORQUE

Lower A-Pillar Trim Screws:
22 in-lbs (2.5 N·m)

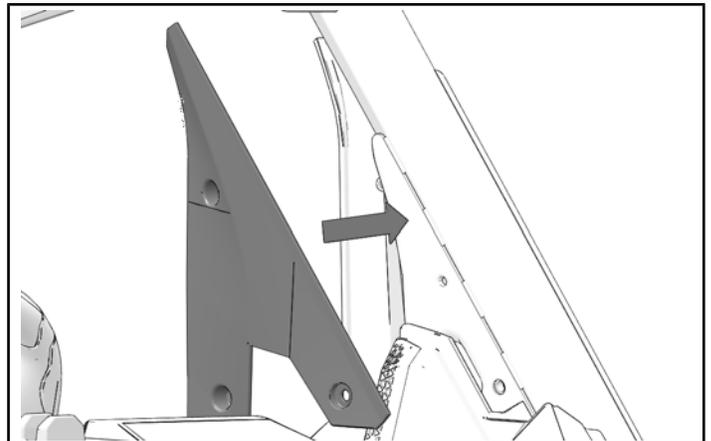


VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

NOTICE

Left side shown; right side similar.

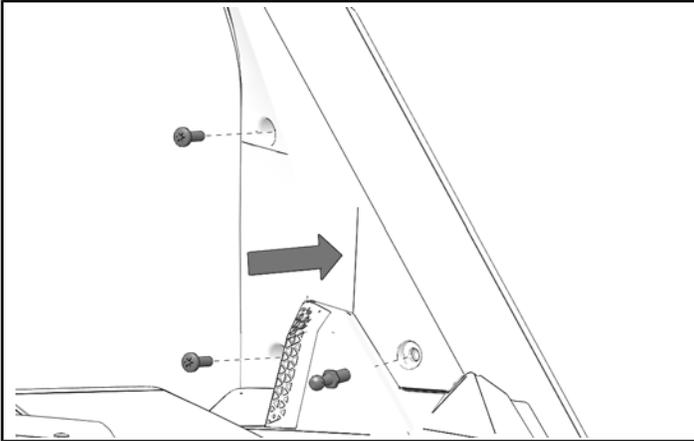
1. Put lower A-pillar trim in position at base of A-pillar.



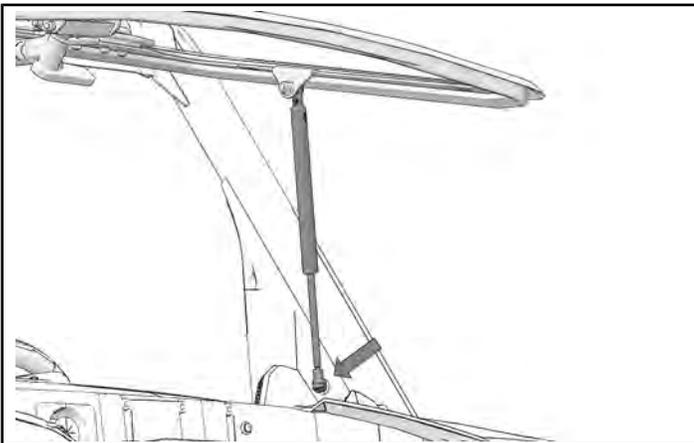
2. Install two screws and ball stud. Torque to specification.

TORQUE

Lower A-Pillar Trim Screws:
22 in-lbs (2.5 N·m)



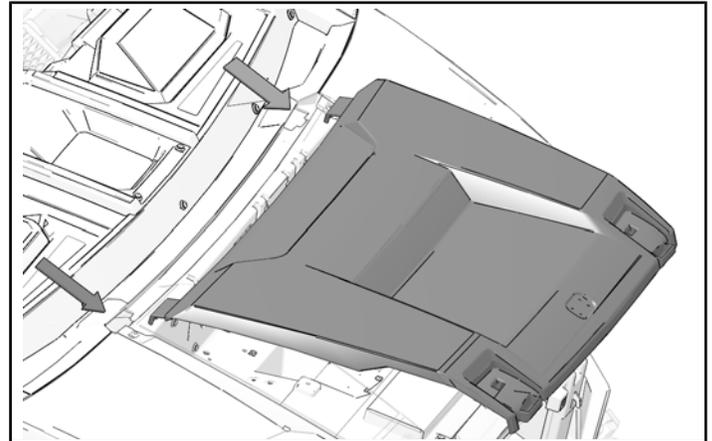
3. Return clip at bottom of gas spring to engaged position. Connect bottom of gas springs.



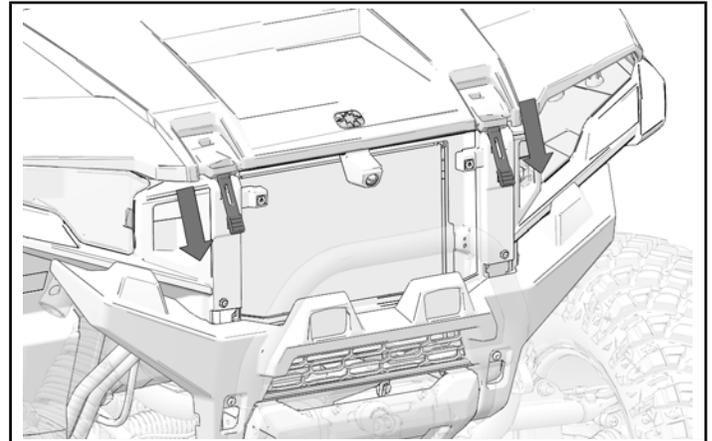
4. Remove windshield support and close tip-out windshield.

HOOD AND GRILL INSTALLATION

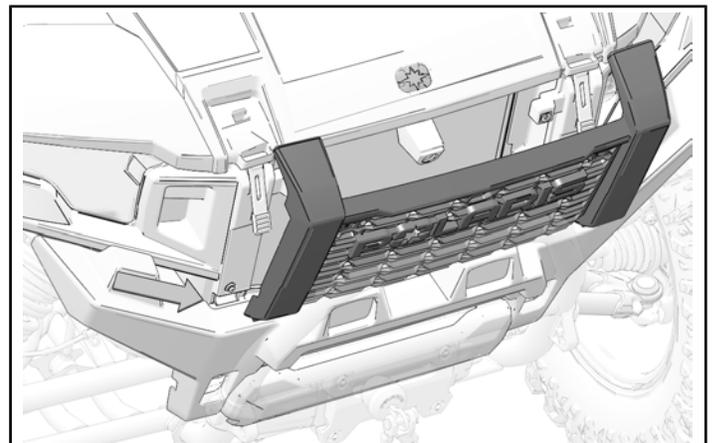
1. Put tabs on hood through openings in underhood liner. Then lower hood into position.



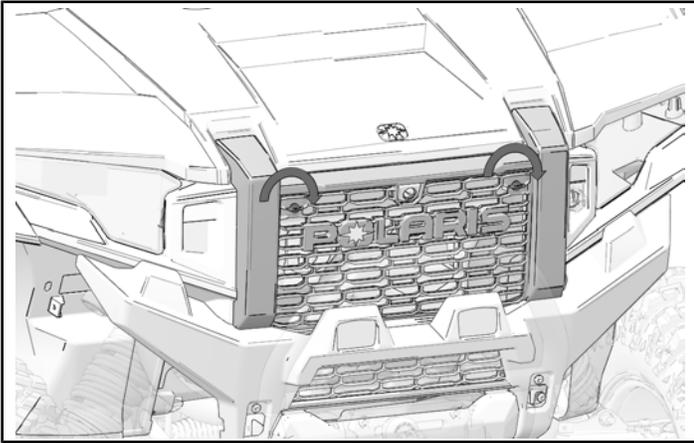
2. Pull rubber straps down over hooks to secure hood.



3. Put tabs on grill through openings in front fascia. Push top of grill into correct position.

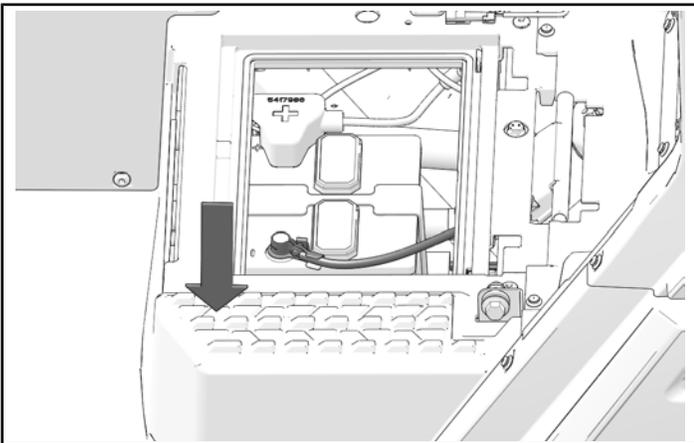


4. Push each stud in and turn one-quarter turn clockwise to attach grill.

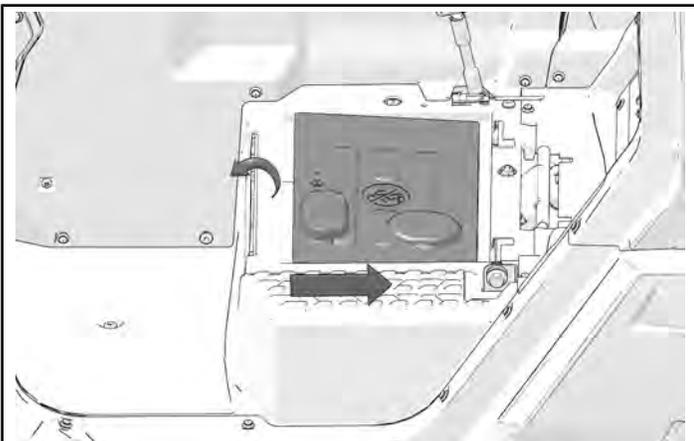


CONNECT BATTERY

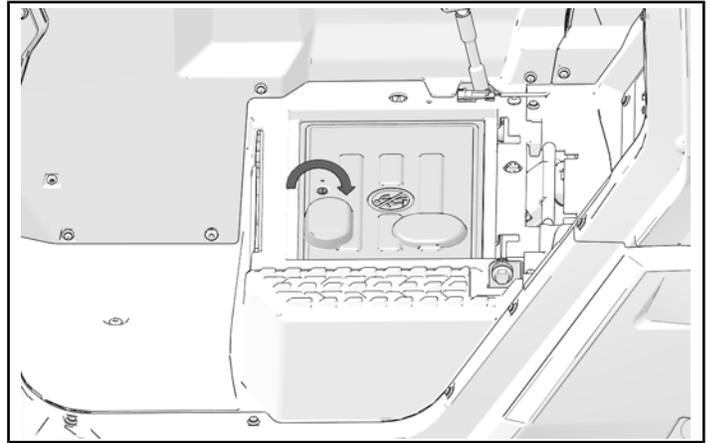
1. Connect negative cable to battery.



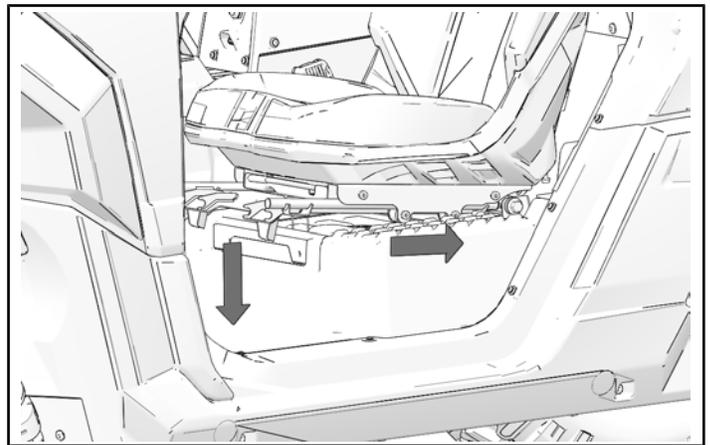
2. Push battery cover rearward and lower into place.



3. Turn screw to close cover.



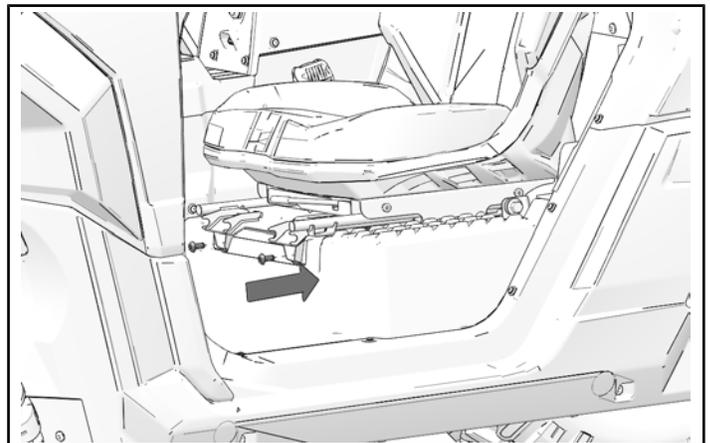
4. Push rearward to engage seat and lower front of seat into place.



5. Install two kept screws at front of seat base. Torque screws to specification.

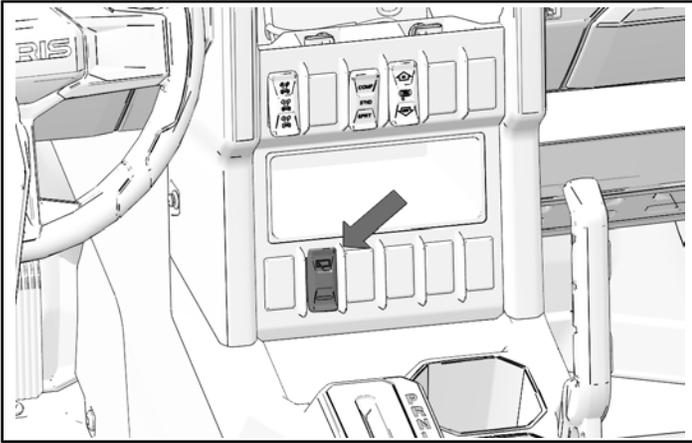
TORQUE

Screws:
13 ft-lbs (18 N·m)

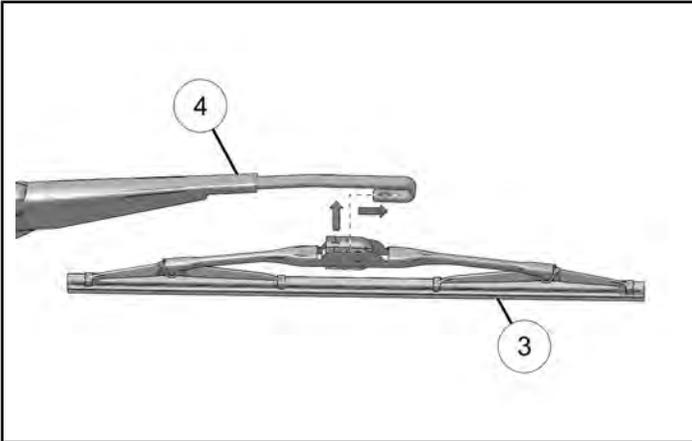


WIPER ARM INSTALLATION

1. Push upper half of rear wiper switch to turn on rear wiper motor. After motor cycles a few times, push lower half of switch to shut off motor. This will return rear wiper motor shaft to home position.



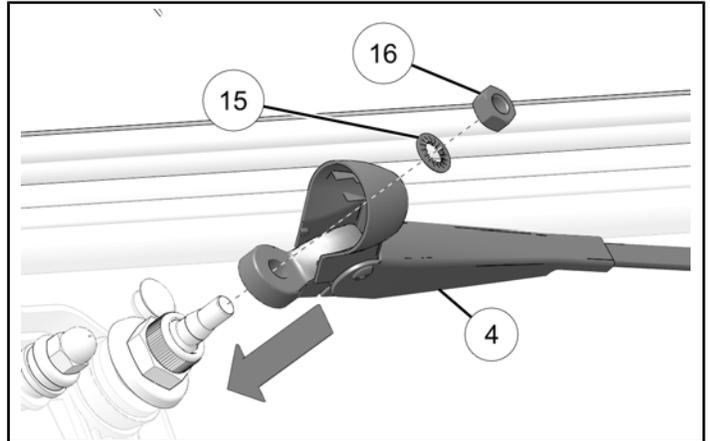
2. Install wiper blade ③ on arm ④.



3. Install wiper arm ④, lockwasher ⑮, and nut ⑯. Install arm in horizontal position, pointing toward passenger side of vehicle. Torque nut to specification. Close cover over nut.

TORQUE

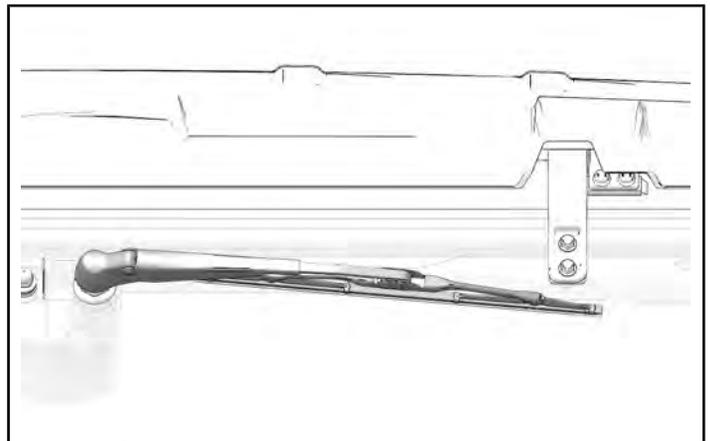
Nut ⑯:
15 ft-lbs (21 N·m)



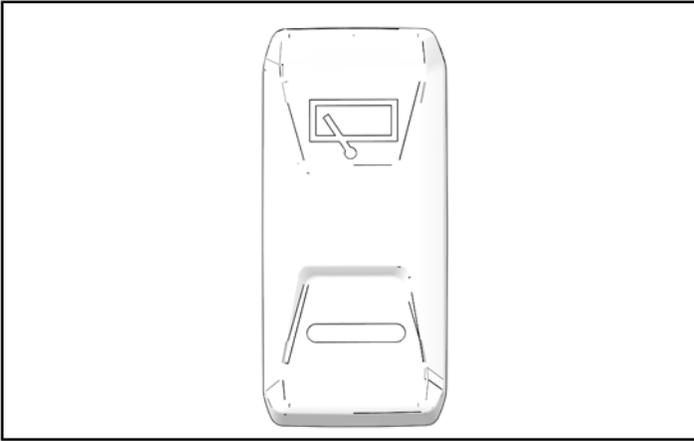
4. Operate wiper for several seconds, then switch wiper off. Wiper should stop in desired horizontal position. Adjust wiper arm as necessary.

NOTICE

Make sure that wiper arm and blade do not touch liftgate hinge when in off position.



OPERATION



- Rear wiper switch is a two-position switch.
- Push top of switch to turn on wiper.
- Push bottom of switch to turn off wiper.