

DRIVING LIGHTS KIT



P/N 2889731

MISSING OR DAMAGED PARTS

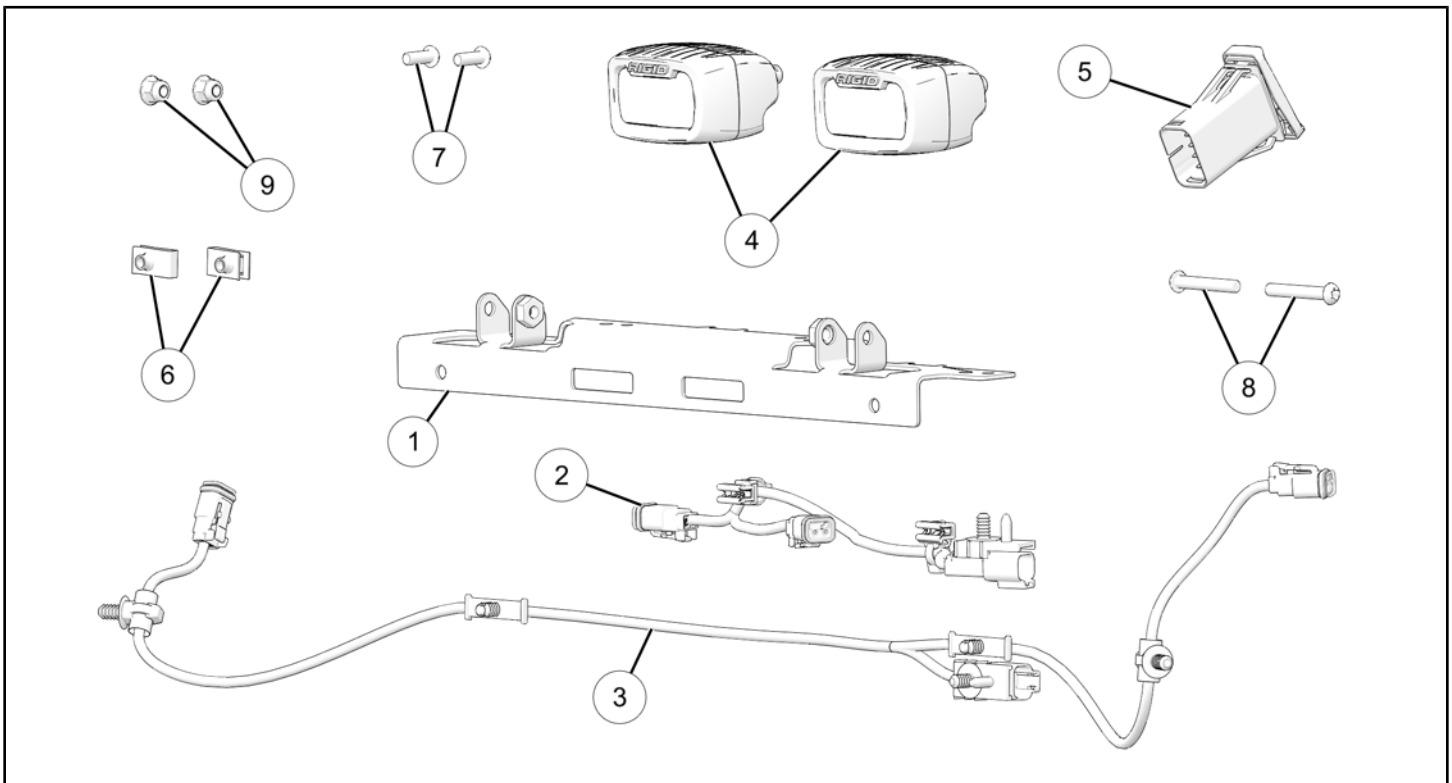
Before beginning assembly, inspect the kit and its component(s) to be sure all parts and tools are accounted for and not damaged. If missing parts or parts are damaged, please contact your Selling Dealer for assistance.

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.

KIT CONTENTS

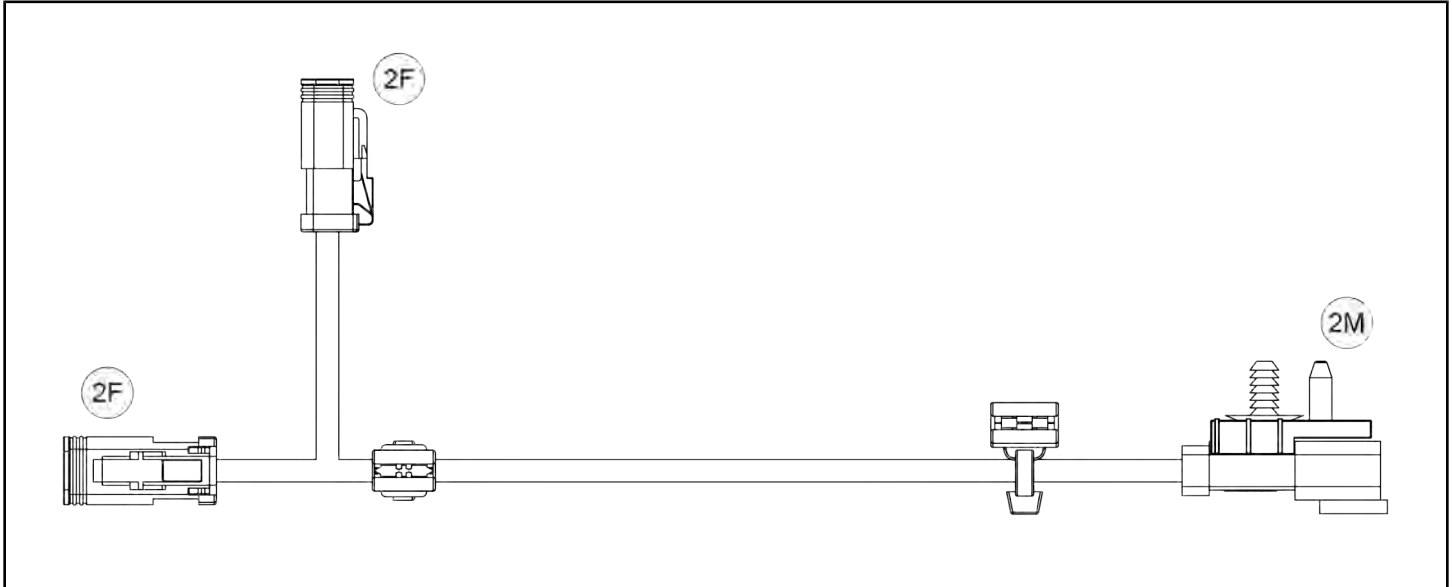


REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
1	1	Light Bracket	n/a	n/a
2	1	Auxiliary Lights Harness	n/a	n/a
3	1	Bumper Harness	n/a	n/a
4	2	Driving Light	4019207	n/a
5	1	Auxiliary Light Switch	4080801-06	n/a
6	2	Speed Nut	7081305	2209797
7	2	Screw, Torx® Button Head M6 x 1.0 x 16 mm	7527947-16	2209797

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
8	2	Screw, Torx® Button Head M6 x 1.0 x 45 mm	7527947-45	2209797
9	2	Nut, Flange M6 x 1.0 mm	7548027	2209797

HARNES DETAIL

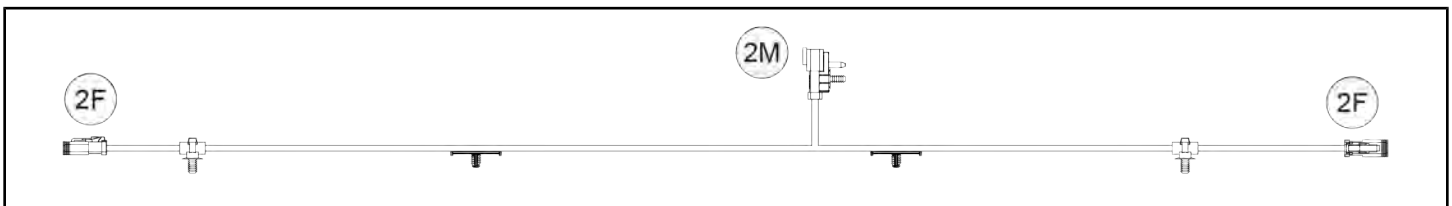
AUXILIARY LIGHTS HARNESS ②



REF	PART DESCRIPTION	CONNECTS TO
2F	Light Connector	Left Hand Driving Light
2F	Light Connector	Right Hand Driving Light
2M	Chassis Harness Connector	Chassis Harness

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

BUMPER HARNESS ③



REF	PART DESCRIPTION	CONNECTS TO
2F	Light Connector	Left Hand Driving Light
2F	Light Connector	Right Hand Driving Light
2M	Chassis Harness Connector	Chassis Harness

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

TOOLS REQUIRED

- Safety Glasses
- Screwdriver Set, Torx®
- Socket Set, Metric
- Socket Set, Torx® Bit

- Torque Wrench

- Wrench Set, Metric

IMPORTANT

Your Driving Lights 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

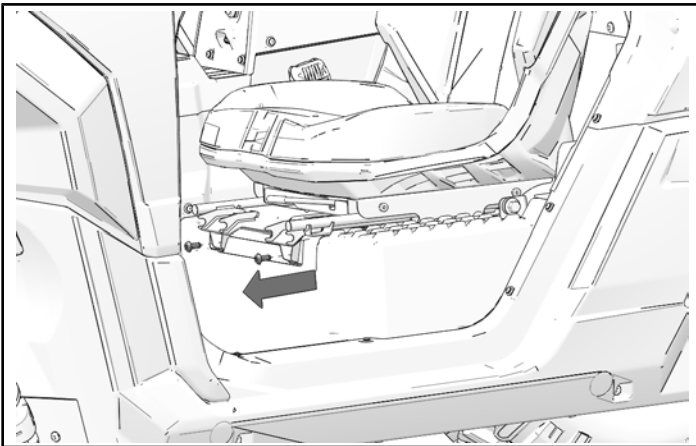
1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.

BATTERY DISCONNECTION

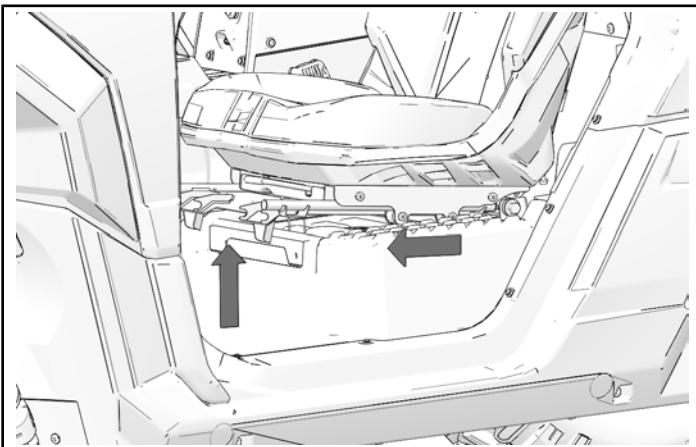
NOTICE

Doors hidden for clarity.

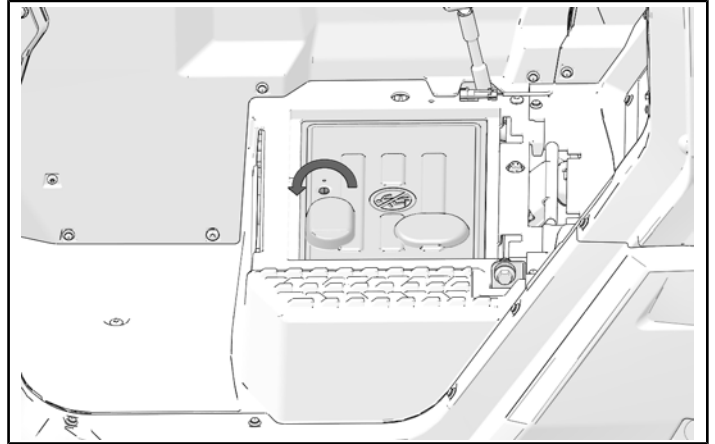
1. Remove and keep two screws from front of driver seat base.



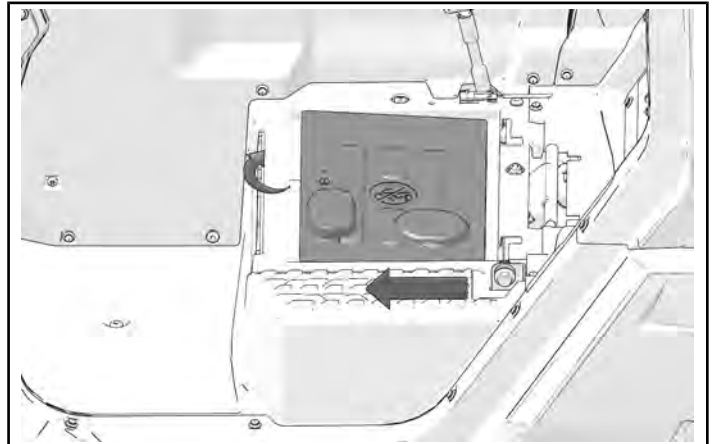
2. Lift front of seat and pull forward to remove seat.



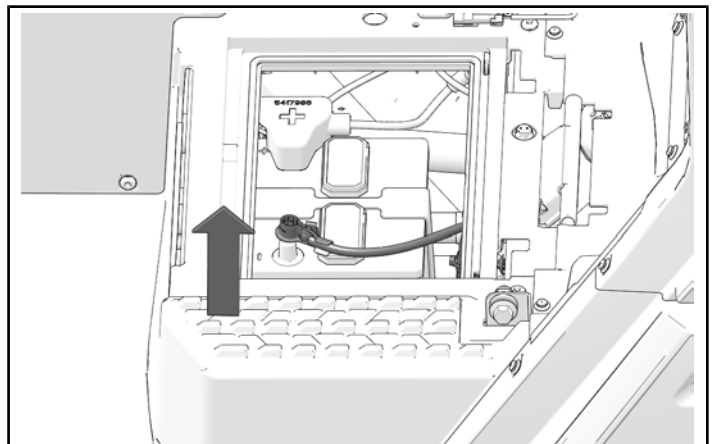
3. Turn screw to open cover.



4. Lift cover and slide forward to remove.

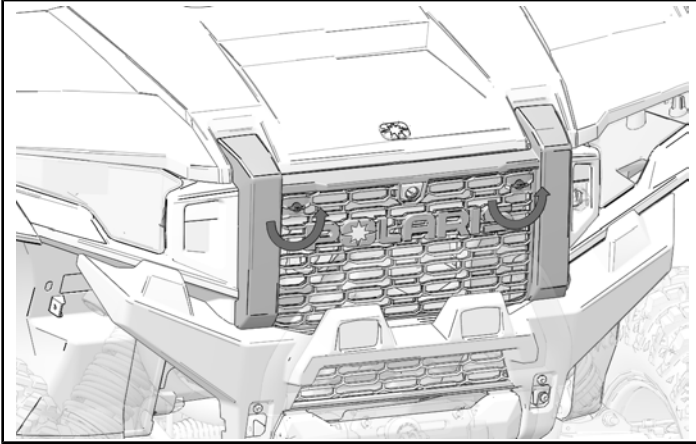


5. Disconnect negative (-) cable from battery.

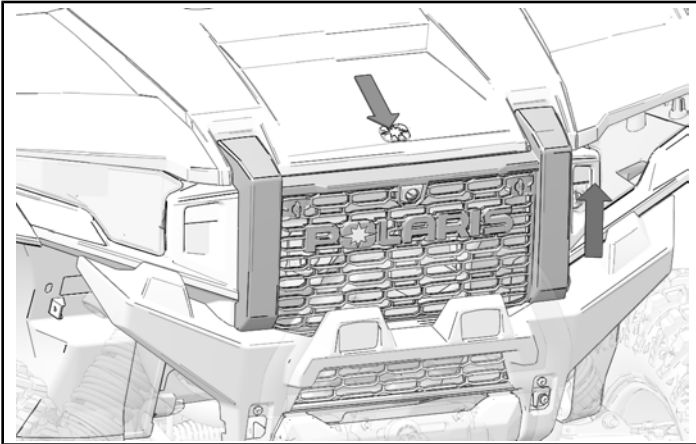


HOOD AND GRILL REMOVAL

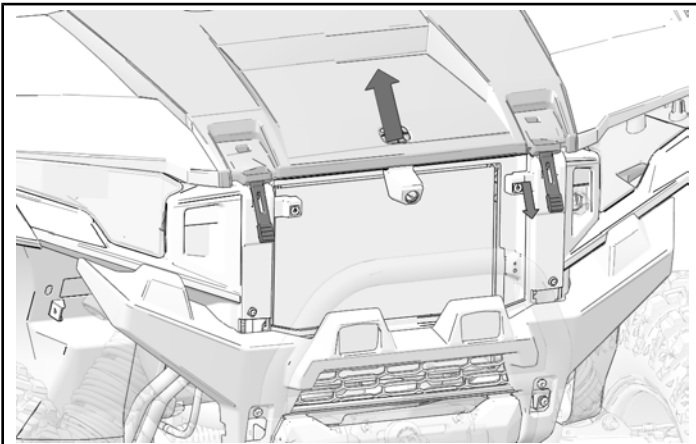
1. Turn each stud one-quarter turn to release grill.



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



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



REMOVE LOWER A PILLAR TRIM

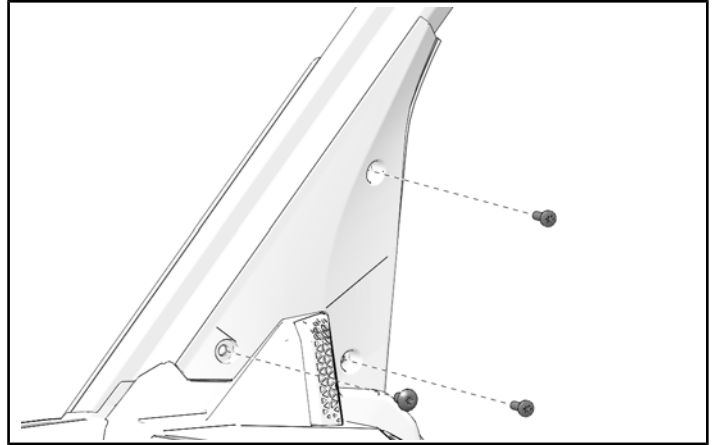
NOTICE

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

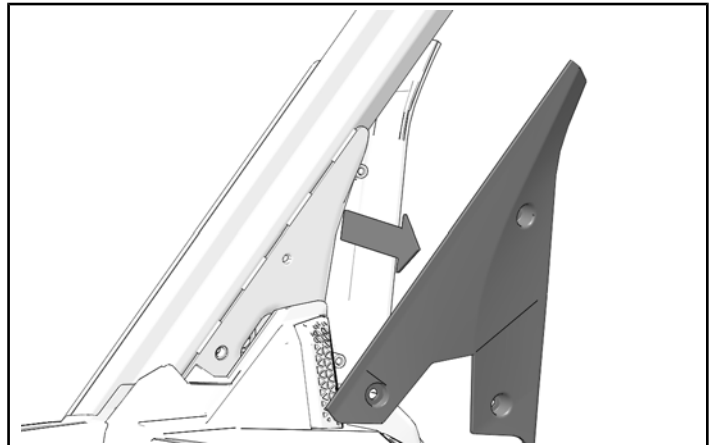
1. Remove three screws from lower A-pillar trim panel.

NOTICE

Right side shown; left side similar.



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



VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

NOTICE

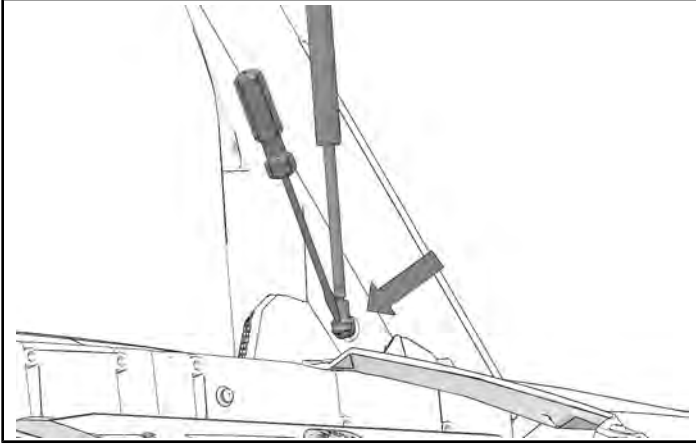
Left side shown; Right side similar.

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

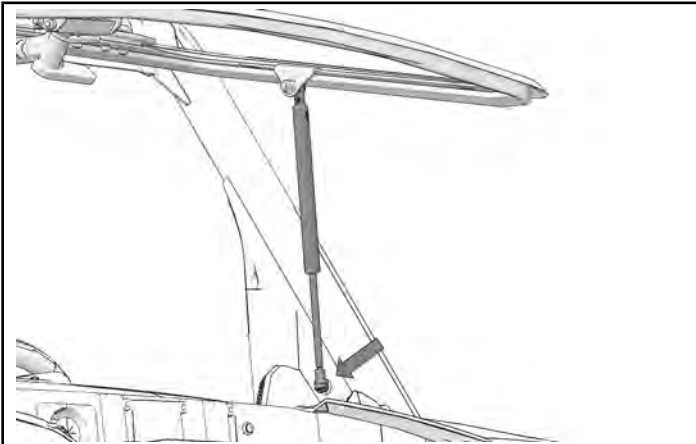
2. Use appropriate tool to release clip at lower end of gas spring.

CAUTION

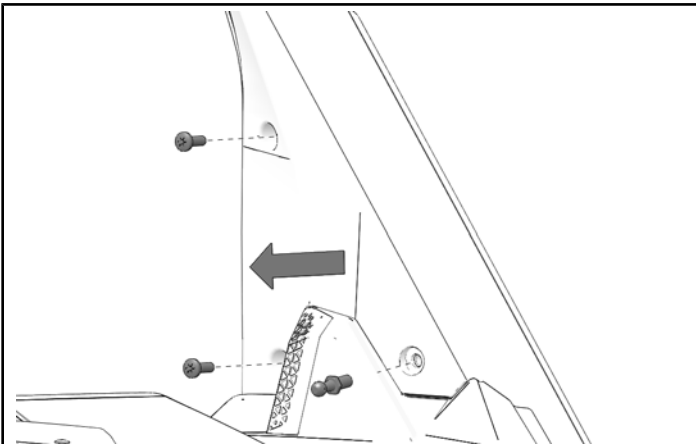
Use care when releasing the clip. Clip may spring away from fitting, and may strike objects or become lost.



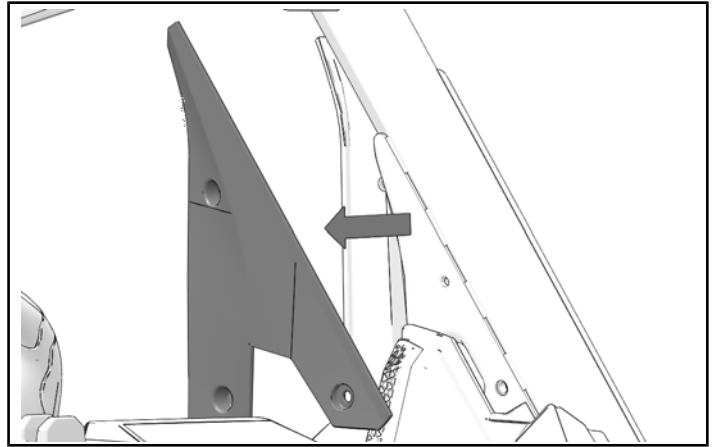
3. Disconnect bottom of gas springs.



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



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



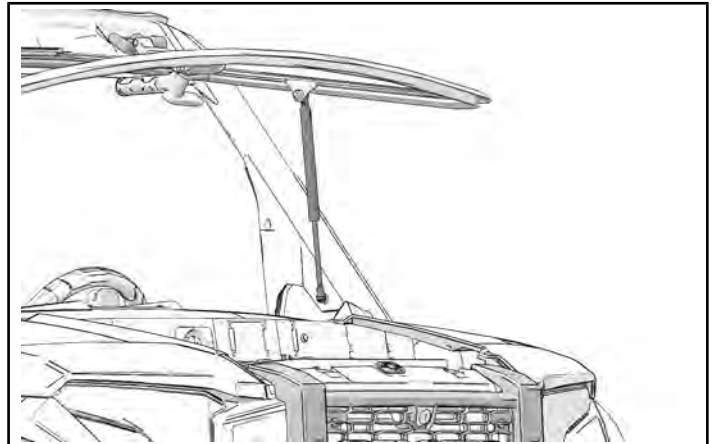
CENTER DASH PANEL REMOVAL

VEHICLES WITH TIP-OUT WINDSHIELD

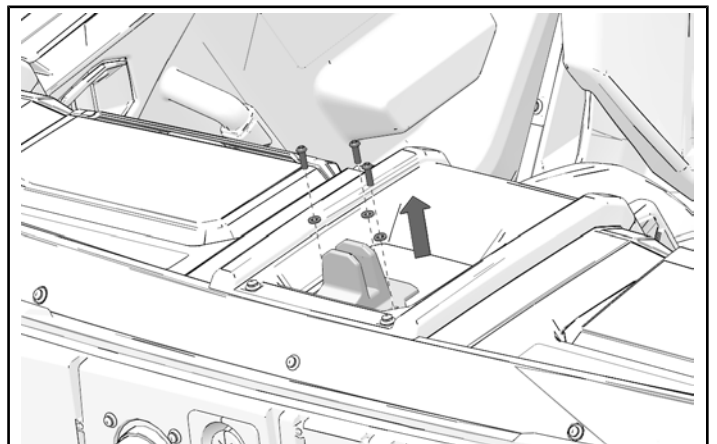
NOTICE

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

1. Open tip-out windshield.

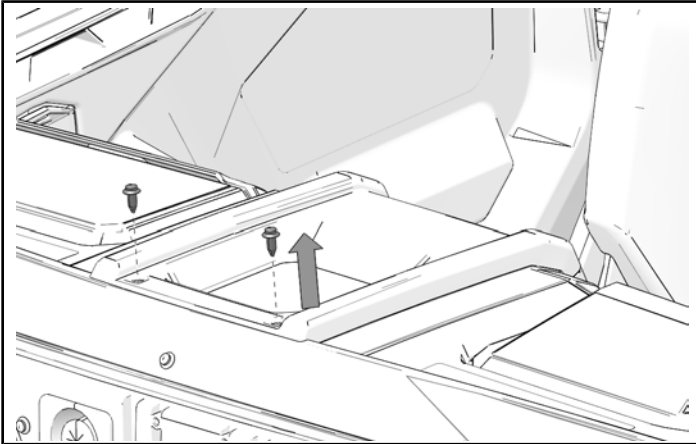


2. Remove and keep three screws and washers. Remove and keep windshield base.

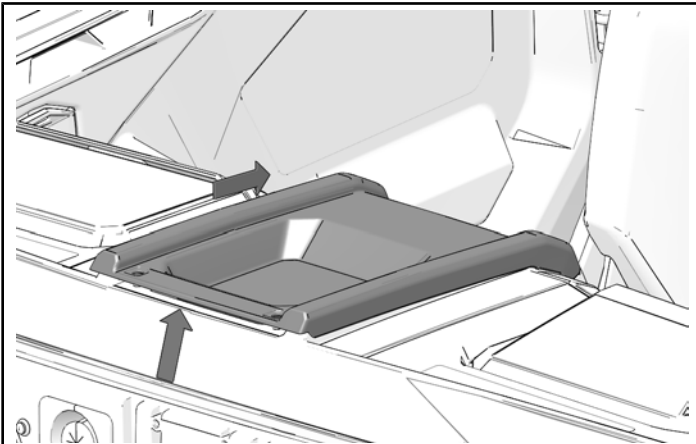


PANEL REMOVAL

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



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

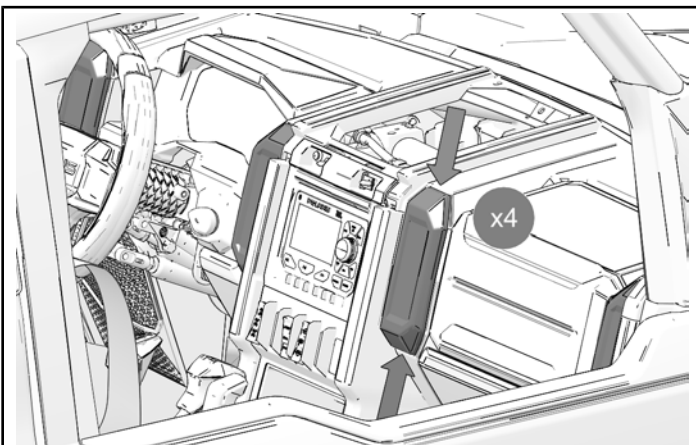


REMOVE DASH COVER

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.



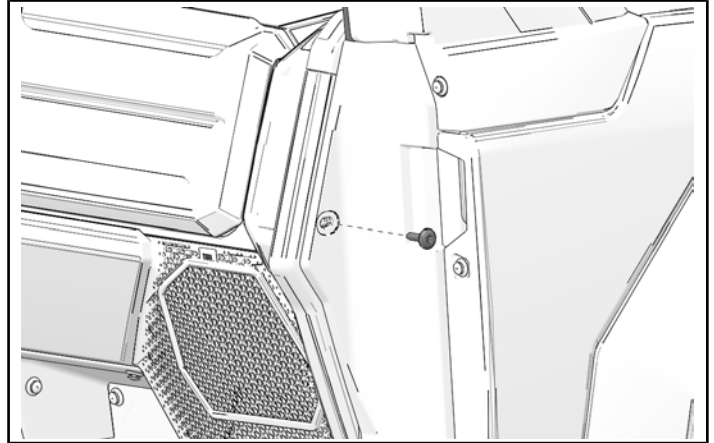
2. Remove one screw at each side of dash cover.

NOTICE

Right side shown; left side similar.

TIP

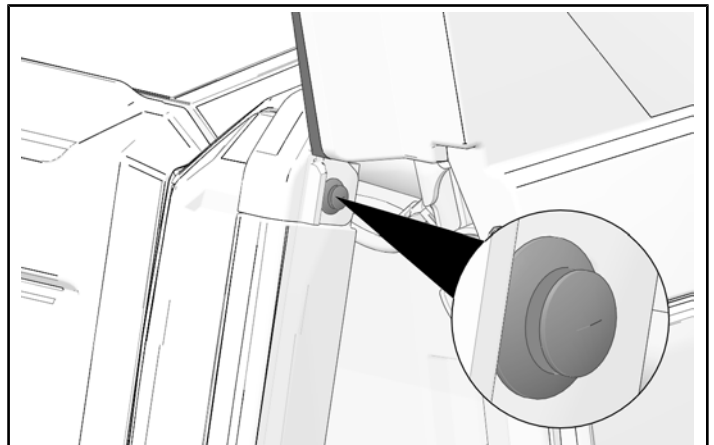
Doors will need to be fully open to access and remove these screws. Removal of these screws allows cover to be pulled open in next step to remove push-pin rivet.



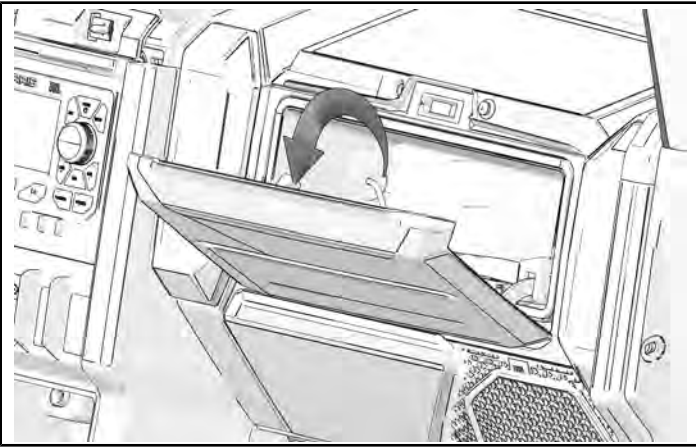
3. Carefully pull plastic cover away from lower A-pillar area and remove one push-pin rivet from side of dash cover.

NOTICE

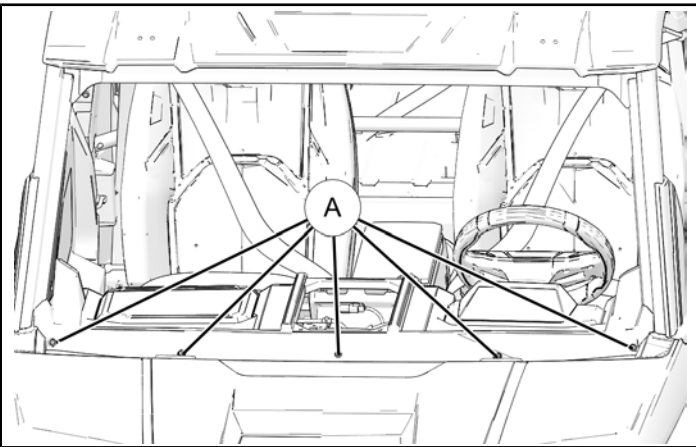
A-pillar trim hidden for clarity.



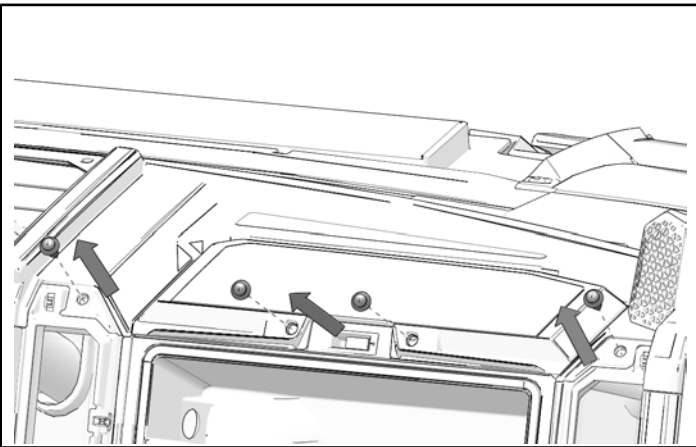
4. Open glove box.



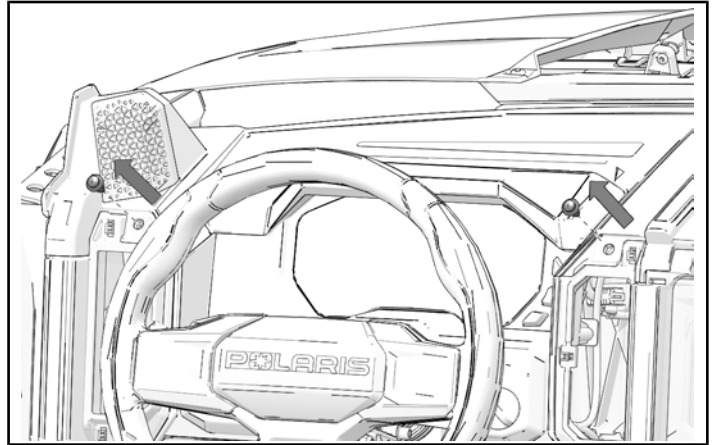
5. Remove and keep five screws (A) and washers at front of dash cover.



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



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



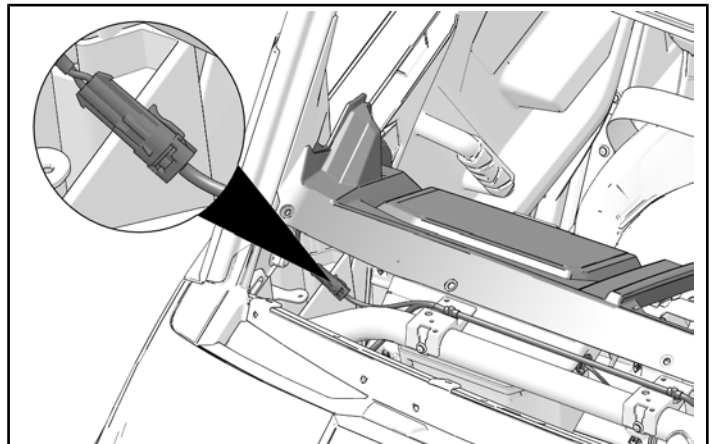
8. Lift up and forward to remove dash cover.

TIP

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

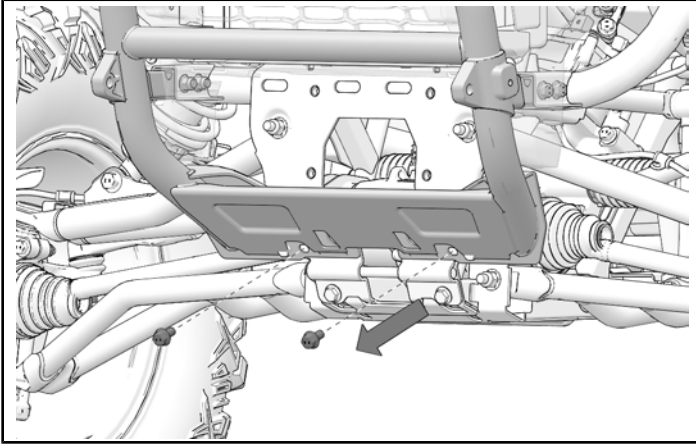


9. If vehicle is equipped with upper tweeters, make sure to unplug tweeters when removing dash cover.

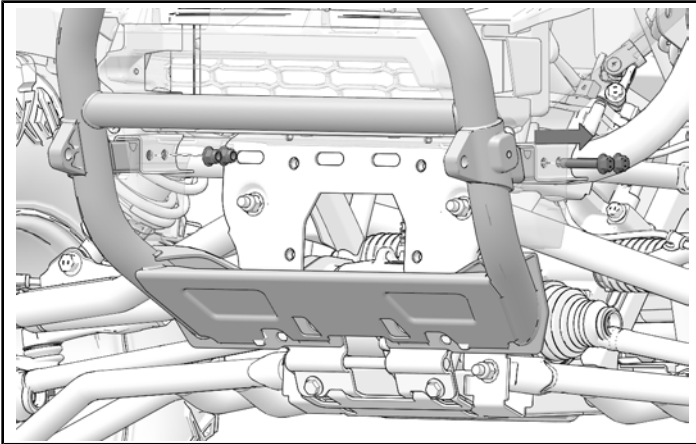


BULL BUMPER REMOVAL

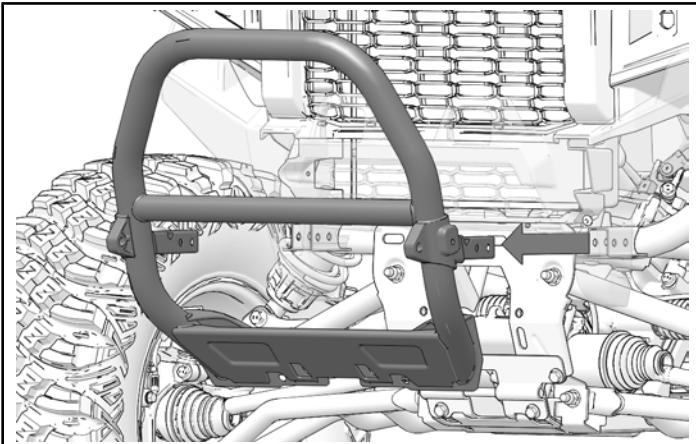
1. Remove two lower screws from bull bumper.



2. Remove four screws and nuts from the upper mounting points.



3. Remove bull bumper by pulling forward.

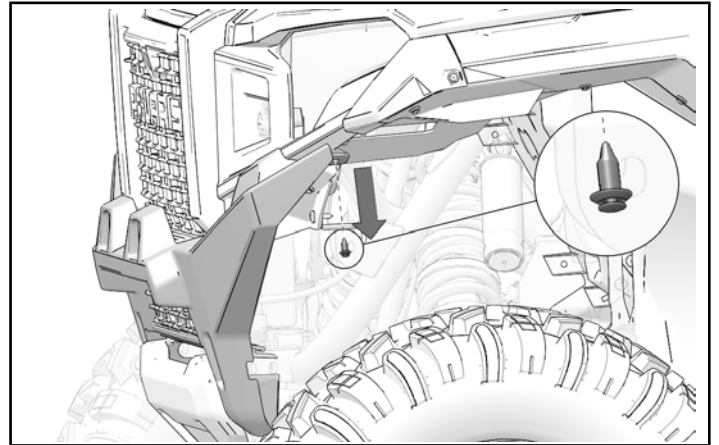


FRONT FASCIA REMOVAL

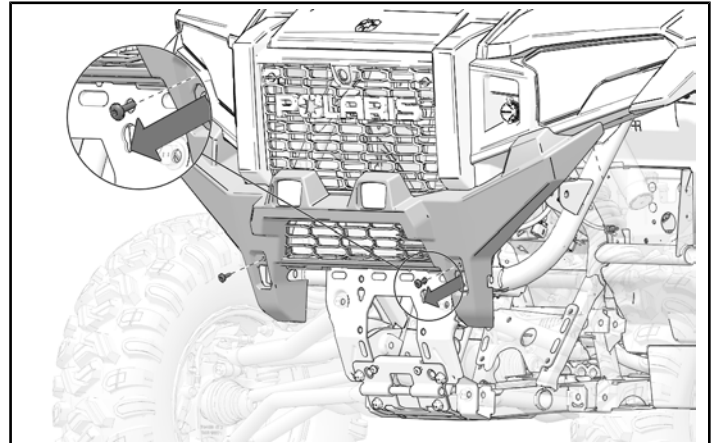
1. Remove two push-pin rivets from the underside of the front fascia.

NOTICE

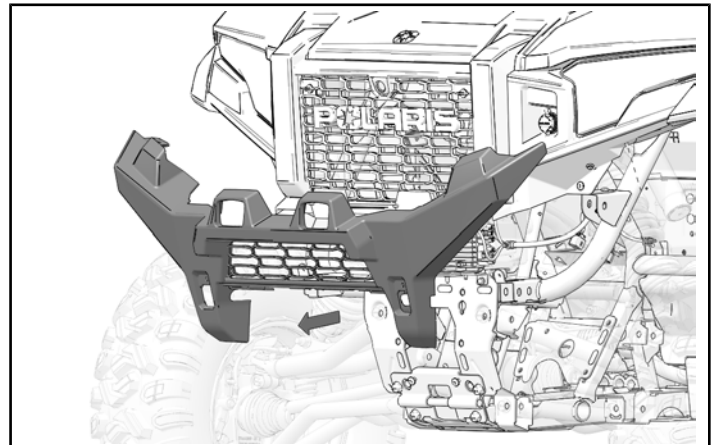
Left side shown; right side similar.



2. Remove two screws from the front fascia.



3. Remove the front fascia.

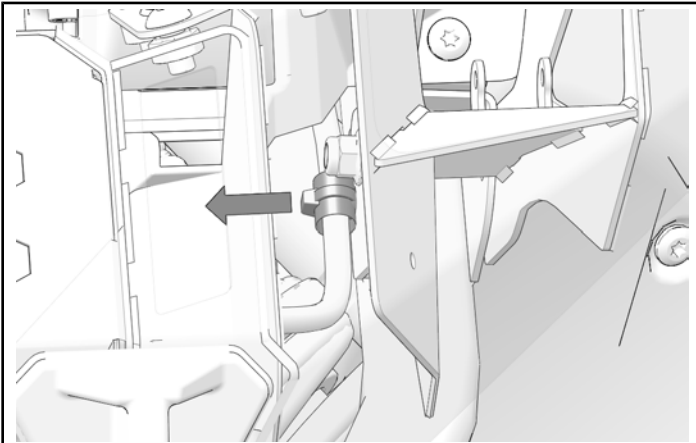


HD BUMPER REMOVAL (IF EQUIPPED)

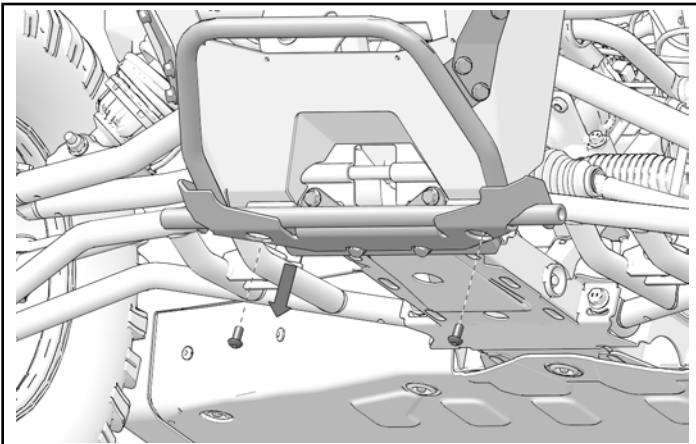
NOTICE

If HD winch is installed on HD Bumper, additional steps will be required to remove HD Front Bumper. Winch wiring will need to be disconnected, and removal of winch may be needed to remove bumper safely, due to combined weight of bumper and winch.

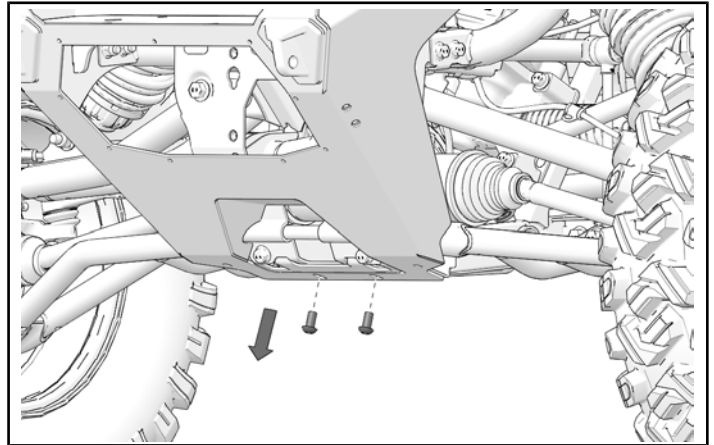
1. Remove push pin harness clip from inside of upper left mounting bracket.



2. If machine is equipped with snowplow mounting plate, remove and keep two screws from lower mounting holes.



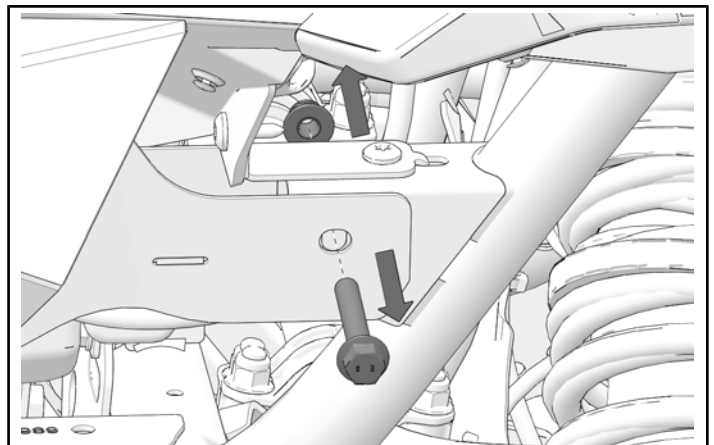
3. Remove and keep two screws from lower mounting holes.



4. Remove and keep screw and nut from each upper mount.

NOTICE

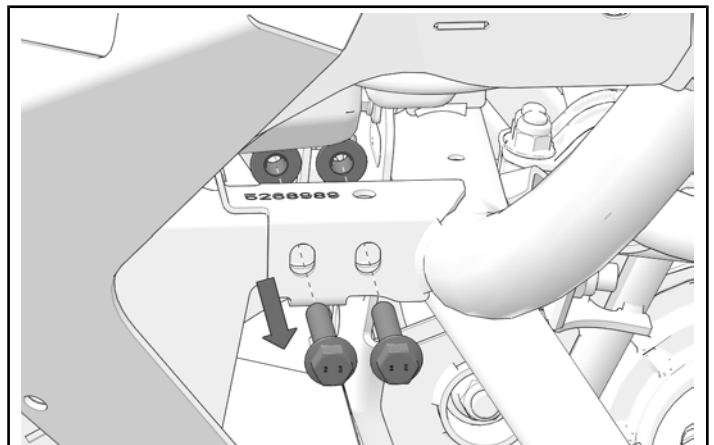
Left side shown; right side similar.



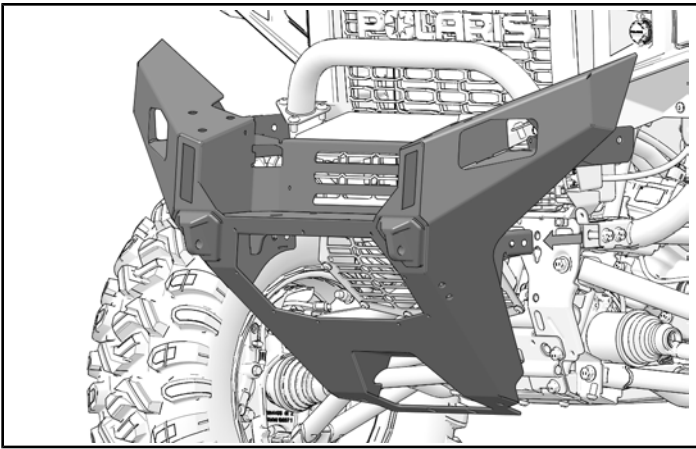
5. Remove and keep two screws and two nuts from each middle mounting point.

NOTICE

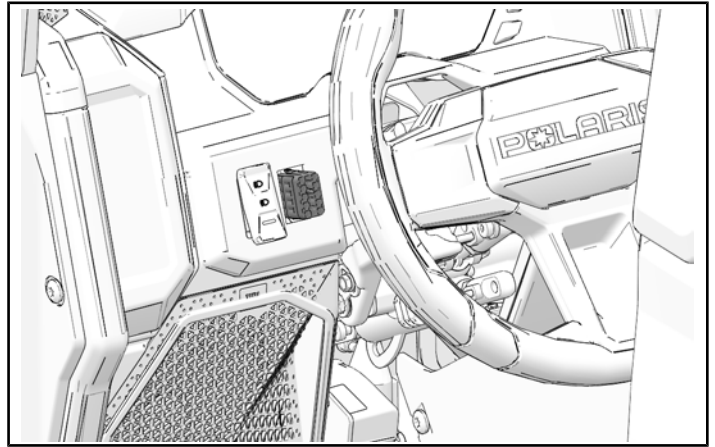
Left side shown; right side similar.



6. Remove HD Bumper from vehicle.



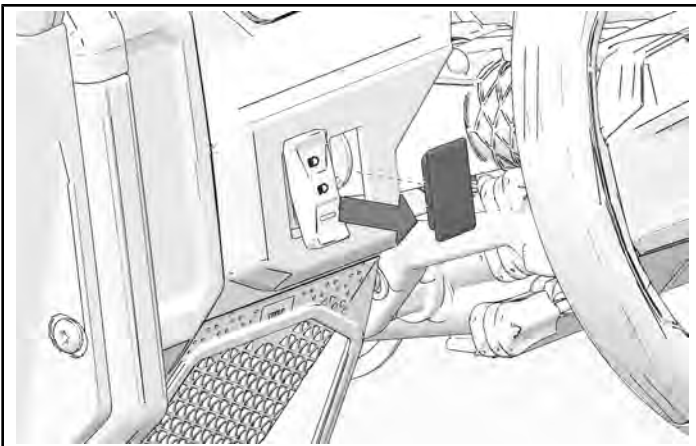
3. Push connector from existing wiring harness through opening.



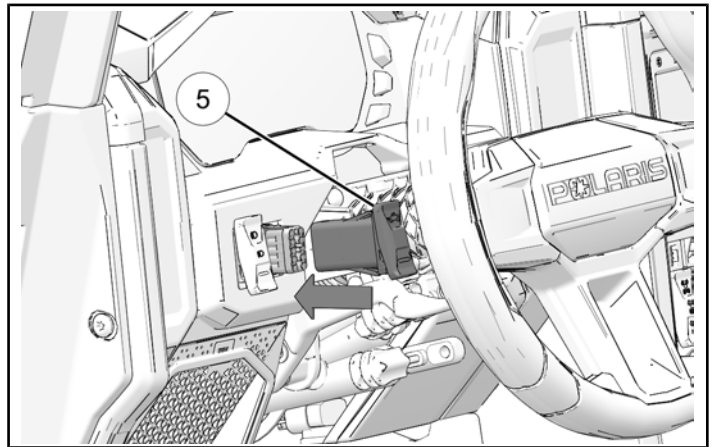
ACCESSORY INSTALLATION

INSTALL SWITCH

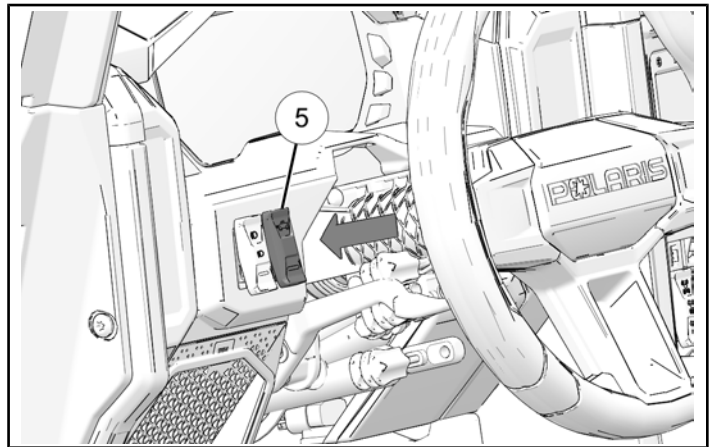
1. Remove switch cover to left of steering wheel.



4. Connect switch ⑤ to harness connector.



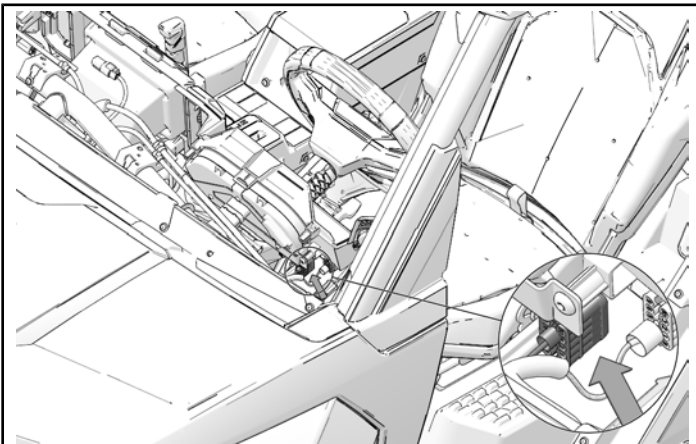
5. Push switch ⑤ into opening. Switch will seat with an audible click.



2. Locate harness connector by looking through open top of dash.

NOTICE

Connector will be labeled 2-AUX_LT and will be located near headlight connector.

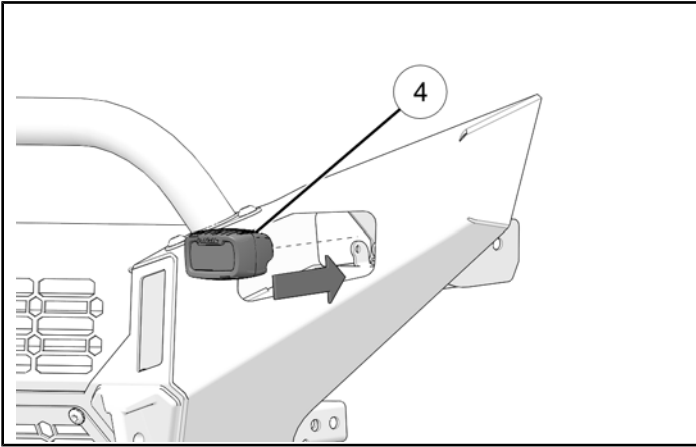


INSTALLATION WITH HD BUMPER

NOTICE

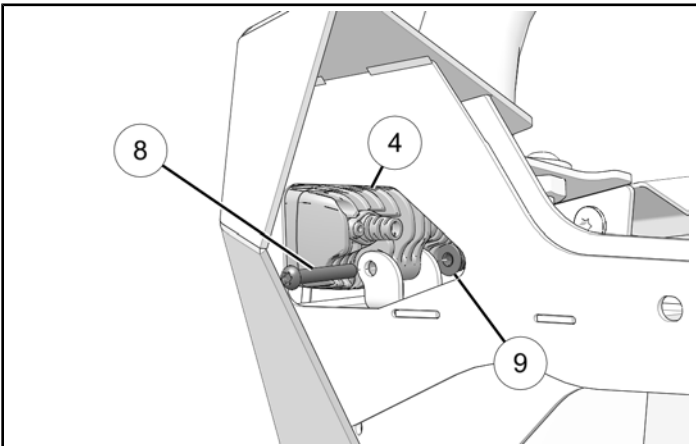
Left side shown; right side similar.

1. Insert driving light ④ into mounting pocket in HD bumper.



2. Install screw ⑧ and nut ⑨ at rear of light ④.

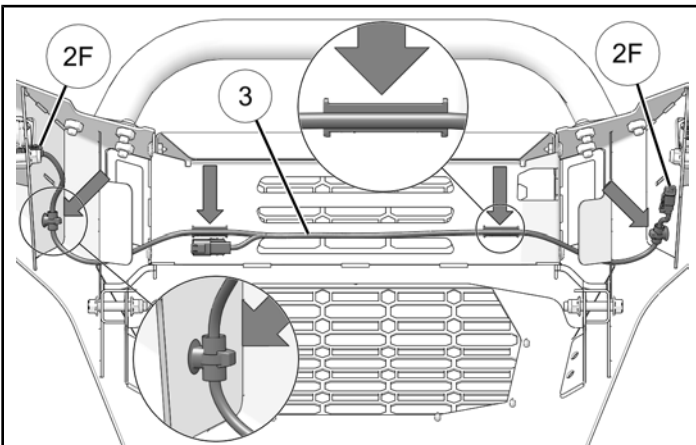
DO NOT torque fasteners at this time.



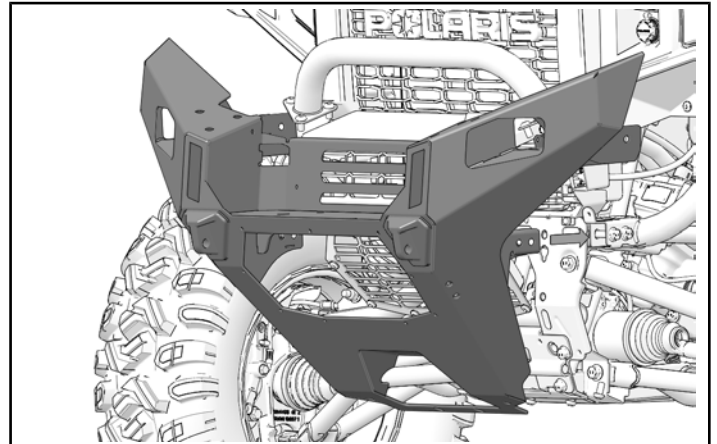
3. Install bumper harness ③ on the rear of HD bumper. Insert harness mounts in points shown. Connect each harness connector 2F to appropriate driving light.

NOTICE

Rear view of bumper shown.



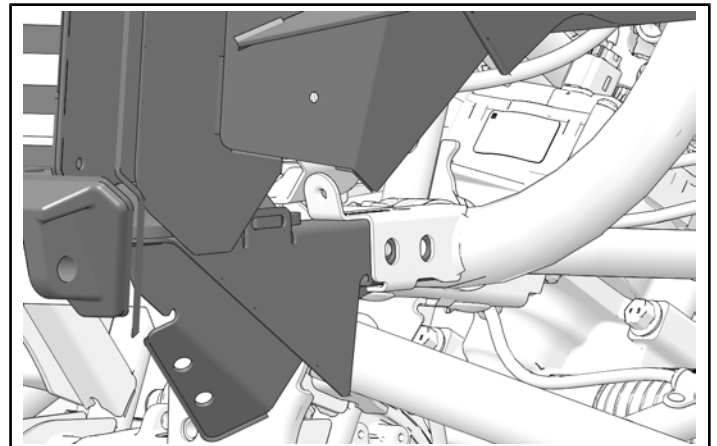
4. Install bumper onto vehicle. Middle and upper mounting points should line up with frame as shown below. Slide bumper in until weight of bumper is supported by the vehicle frame.



5. Middle mounting point slides into the bracket in the vehicle frame.

NOTICE

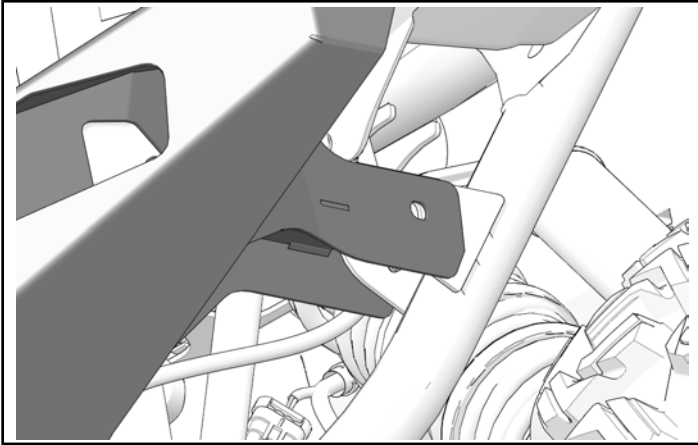
Left side shown, right side similar.



6. Upper mounting point will wrap around the left and right side of the bracket on the vehicle frame.

NOTICE

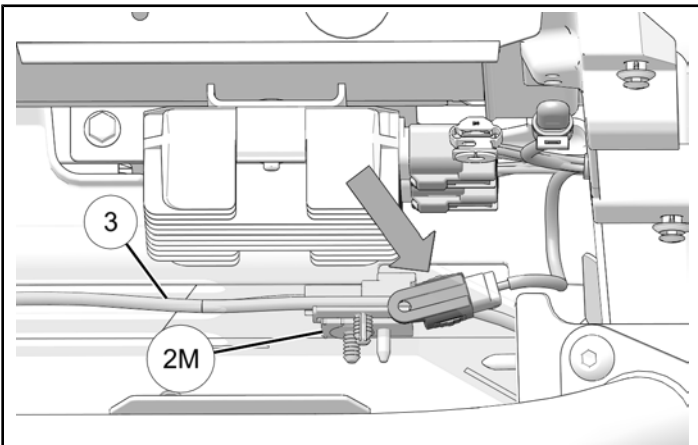
Left side shown, right side similar.



7. Locate existing chassis harness near bottom of radiator. Remove dust cap from existing chassis harness. Connect chassis harness to connector **2M**.

NOTICE

Parts hidden for clarity.



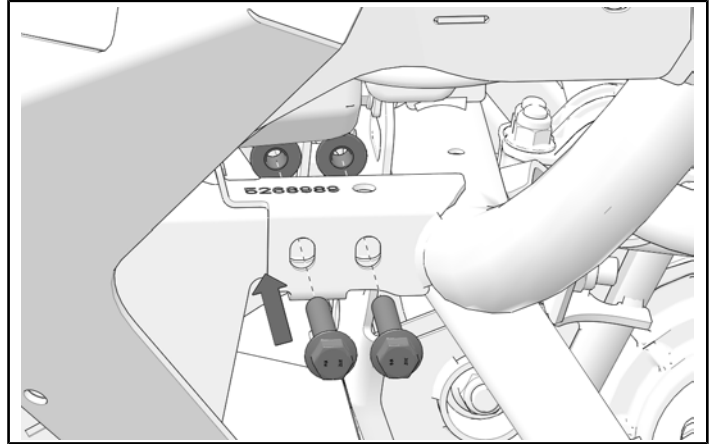
8. Slide bumper fully against the vehicle.

9. Install two screws and two nuts into each middle mounting point. Hand tighten screws.

DO NOT torque fasteners at this time.

NOTICE

Left side shown; right side similar.

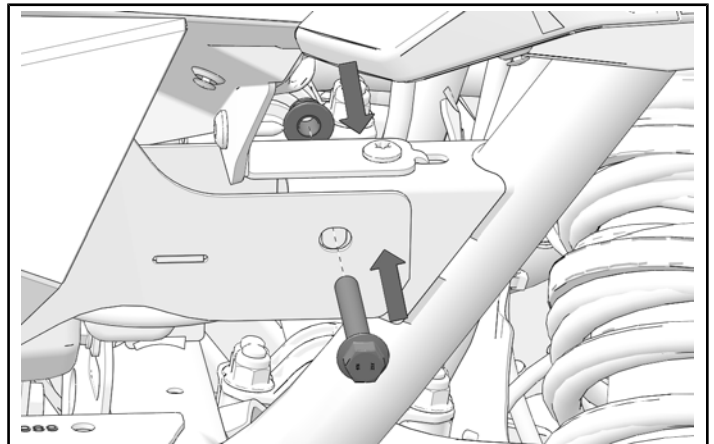


10. Install one screw and nut into each upper mounting point. Hand tighten screws.

DO NOT torque fasteners at this time.

NOTICE

Left side shown; right side similar.

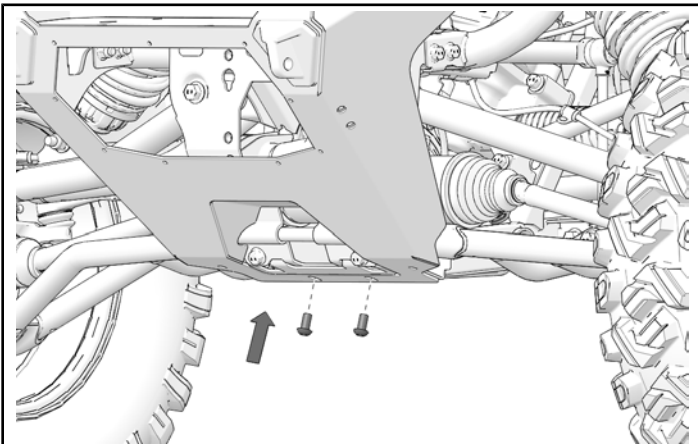


11. Install two screws in lower mounting holes. Hand tighten screws.

DO NOT torque fasteners at this time.

NOTICE

Left side shown; right side similar.

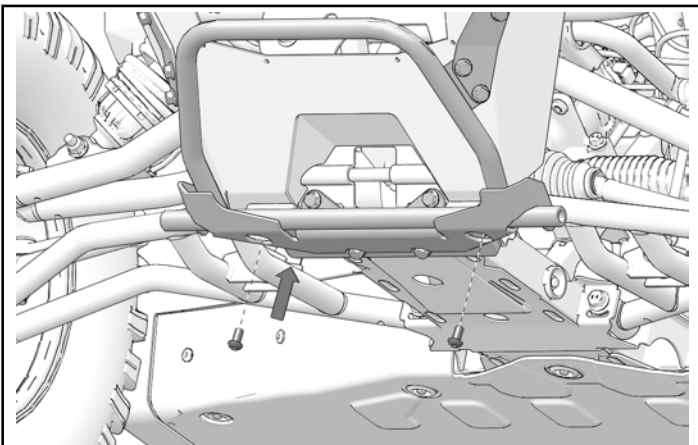


12. If vehicle is equipped with snowplow mounting plate, install two additional screws in lower mounting holes. Hand tighten screws.

DO NOT torque fasteners at this time.

NOTICE

Left side shown; right side similar.

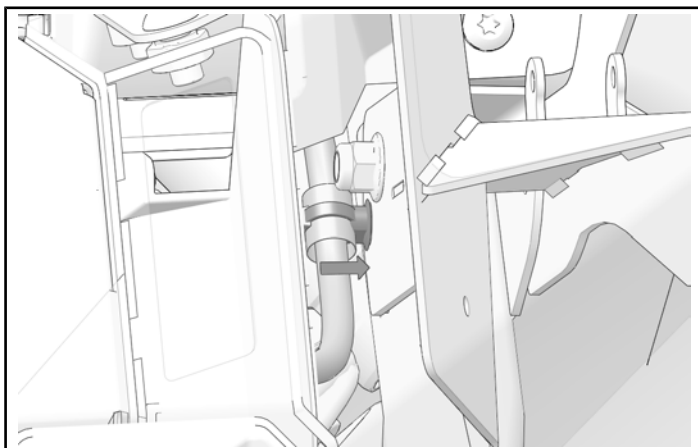


13. Torque all mounting screws to specification.

TORQUE

Mounting Screws:
30 ft-lbs (40 N·m)

14. Install push pin harness clip into the upper left mounting bracket.

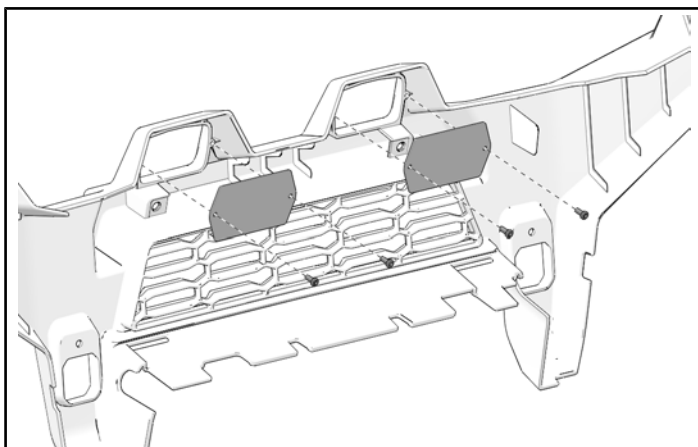


INSTALLATION WITH BULL BUMPER

1. Remove covers from front fascia.

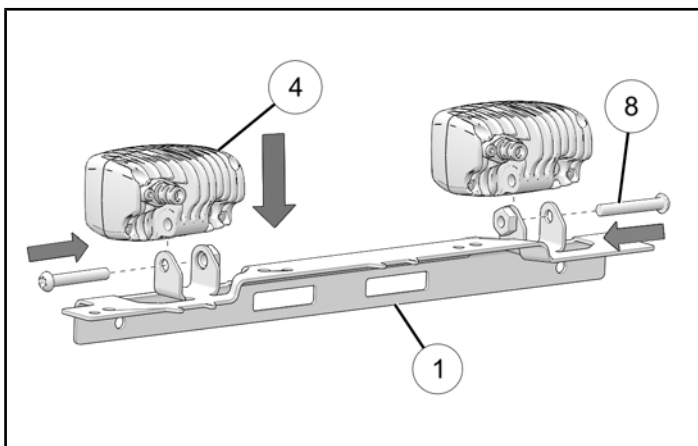
NOTICE

Covers and screws will not be reused.

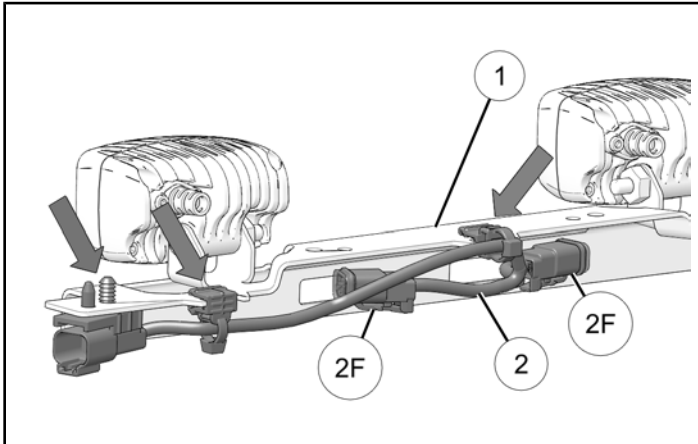


2. Assemble two driving lights ④ and two screws ⑧ to bracket ①.

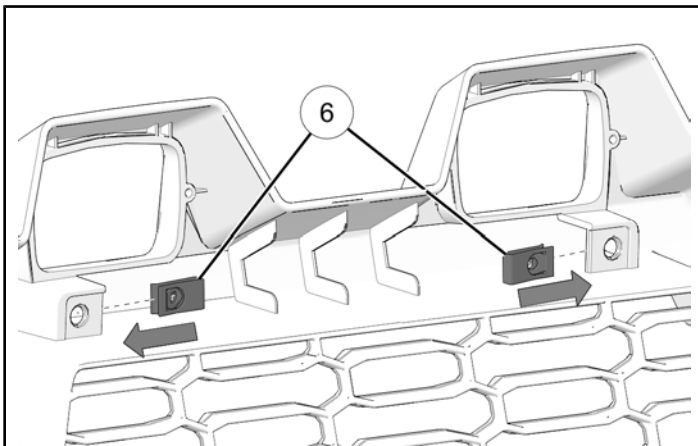
DO NOT torque fasteners at this time.



3. Assemble auxiliary harness ② to bracket ①. Use edge clips and push darts to attach harness to bracket, as shown. Connect each connector 2F to driving light.



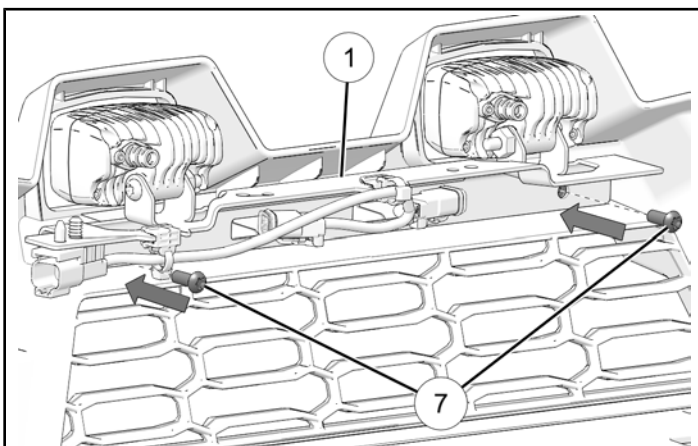
4. Assemble speed nuts ⑥ to rear of front fascia.



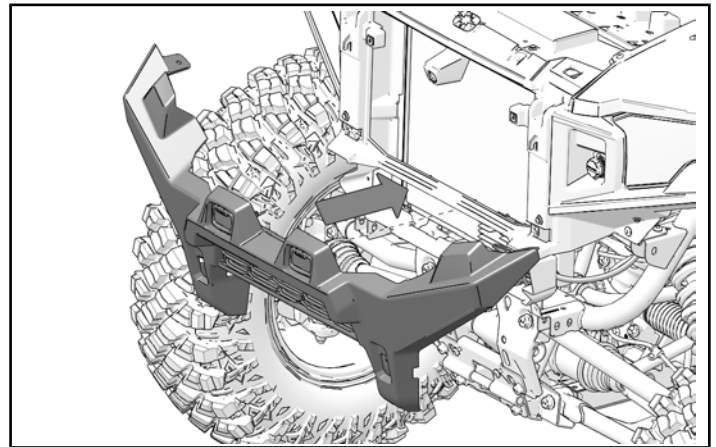
5. Assemble bracket ① and two screws ⑦ to front fascia. Torque screws to specification.

TORQUE

Screws ⑦:
88 in-lbs (10 N·m)



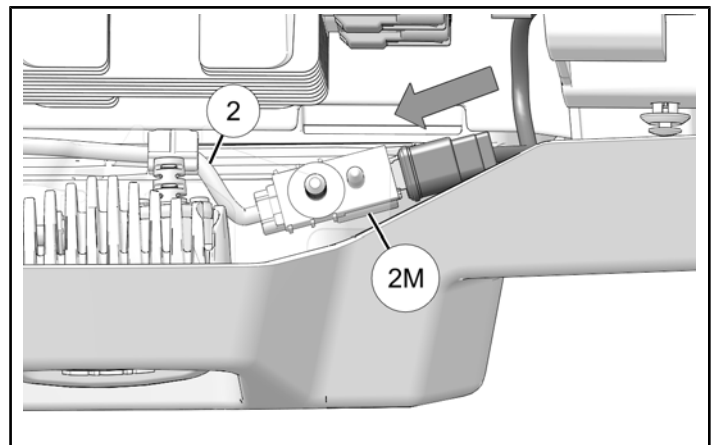
6. Install fascia on vehicle.



7. Locate existing chassis harness near bottom of radiator. Remove dust cap from existing chassis harness. Connect chassis harness to connector 2M.

NOTICE

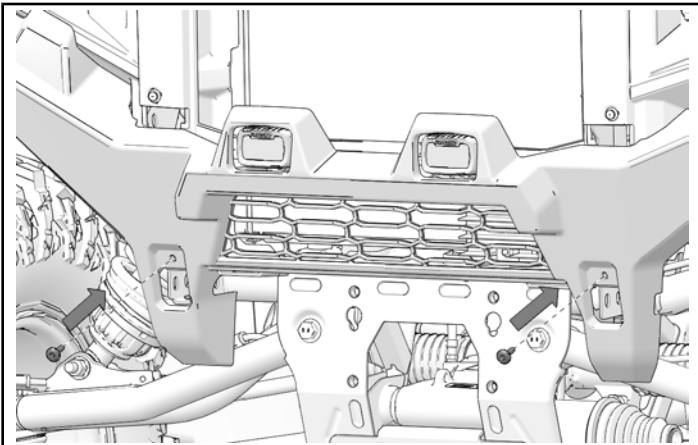
Parts hidden for clarity.



8. Install two screws in front of fascia. Torque screws to specification.

TORQUE

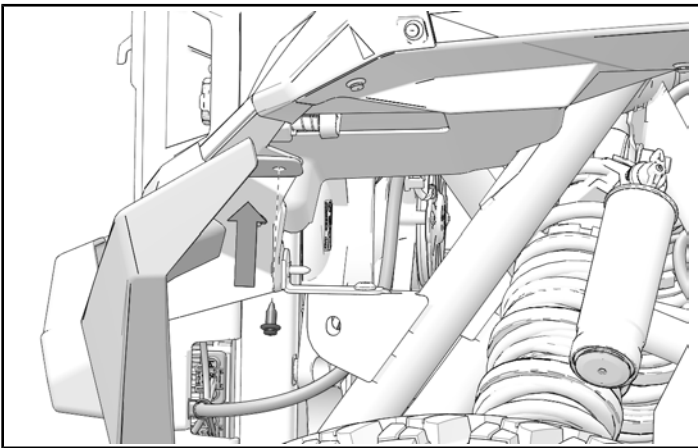
Fascia Screws:
88 in-lbs (10 N·m)



9. Install push darts on rear of fascia.

NOTICE

Left side shown; right side similar.



TEST AND ADJUST LIGHTS

1. Turn on lights to verify operation.
2. Aim lights as desired.
3. Tighten screws ⑧ to specification.

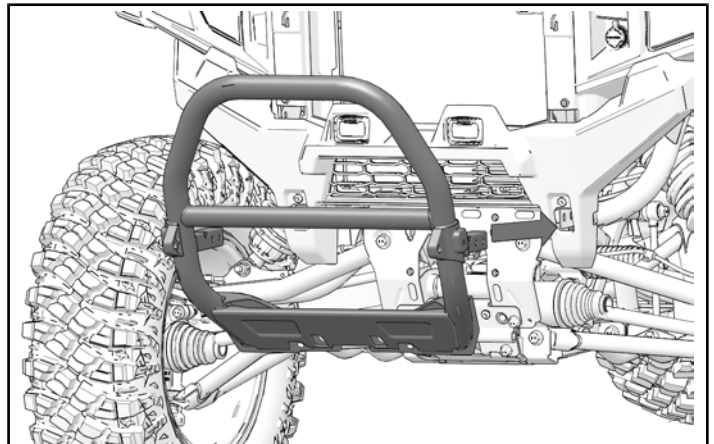
TORQUE

Screws ⑧:
88 in-lbs (10 N·m)

VEHICLE REASSEMBLY

INSTALL BULL BUMPER

1. Install bull bumper at front end of vehicle.

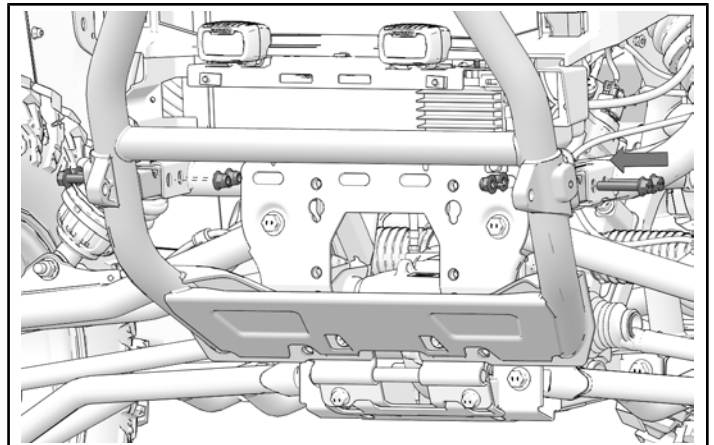


2. Install four screws and four nuts at upper mounting points.

DO NOT torque fasteners at this time.

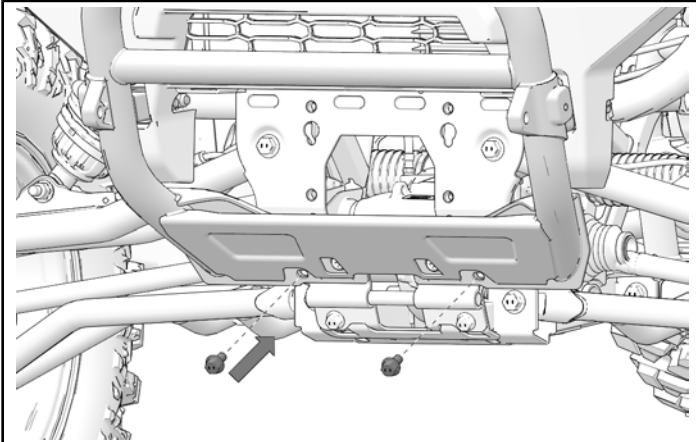
NOTICE

Front fascia hidden for clarity.



3. Install two lower screws in bull bumper.

DO NOT torque fasteners at this time.



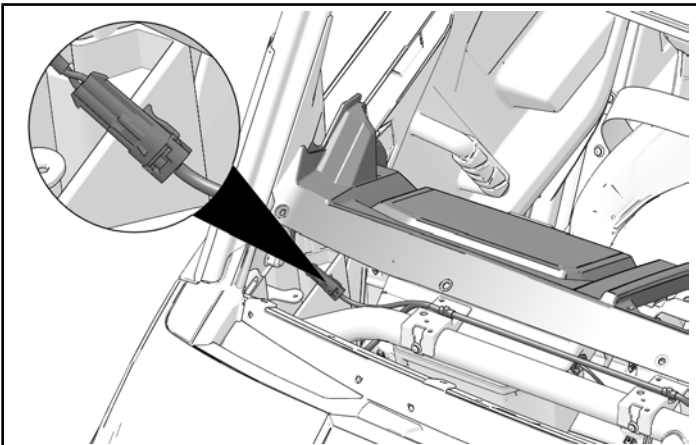
4. After all screws are installed, torque all fasteners to specification.

TORQUE

Screws:
37 ft-lbs (50 N·m)

INSTALL DASH COVER

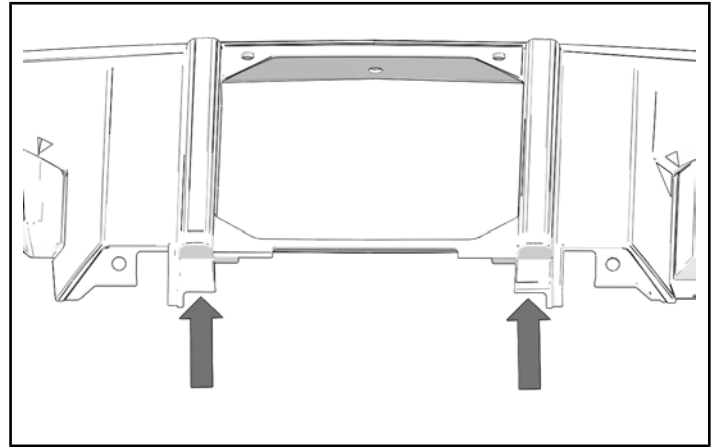
1. Connect speaker wires if necessary.



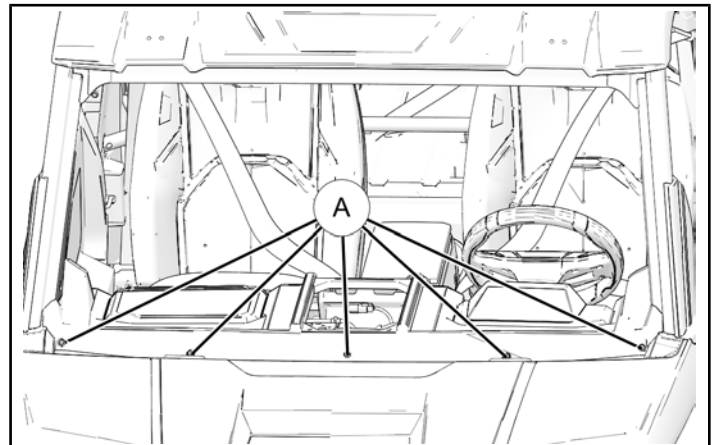
2. Put front of dash cover in position and set into place. Make sure center of dash is placed in slots on vehicle.

TIP

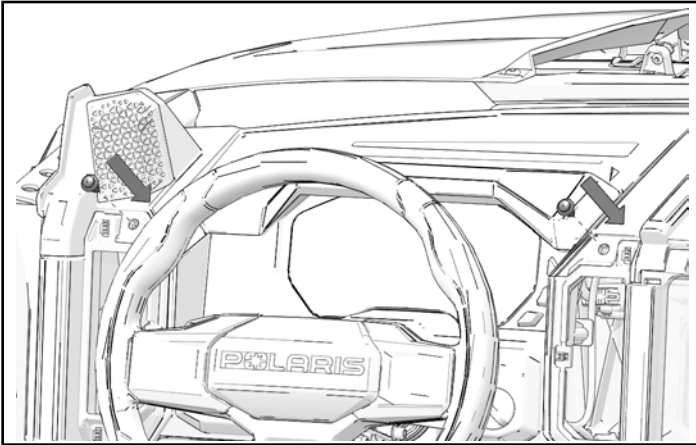
If head unit/storage bin was not removed, make sure these tabs are inserted behind the head unit trim.



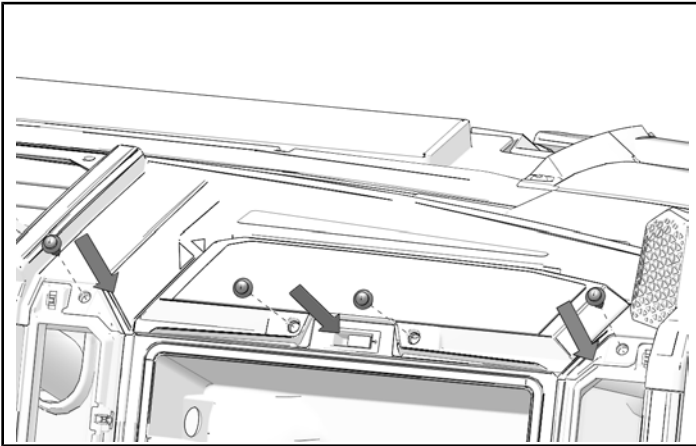
3. Install five push screws (A).



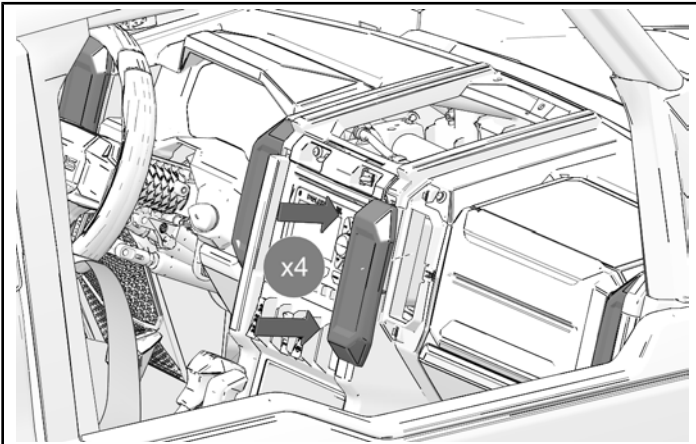
4. Install two push pin rivets on drivers side of dash cover.



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.



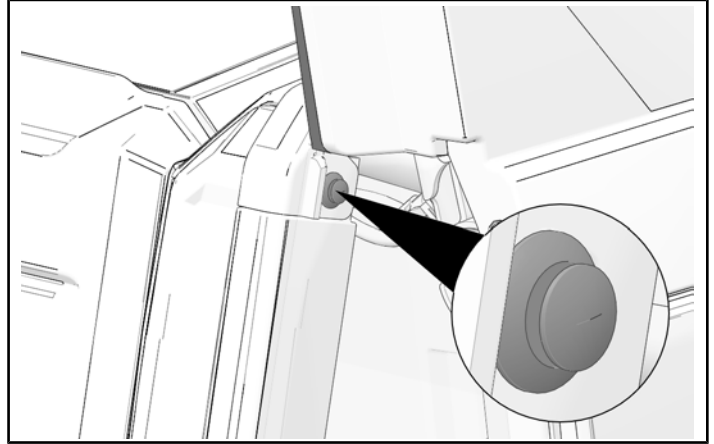
7. Install one push pin rivet at each side of dash.

NOTICE

A-pillar trim hidden for clarity.

NOTICE

Right side shown; left side similar.



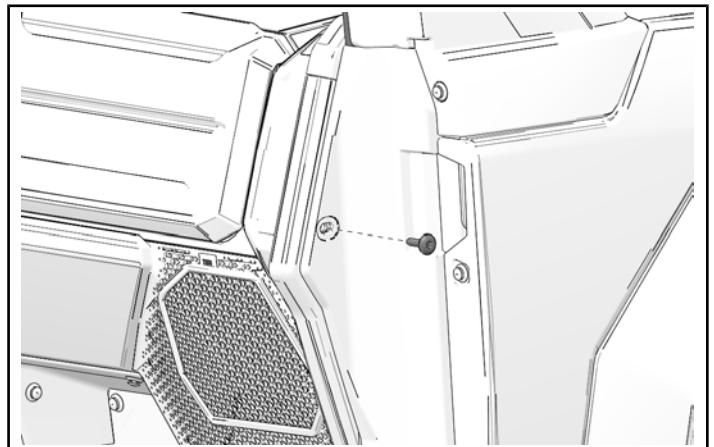
8. Install one screw at each side of dash. Torque to specification.

NOTICE

Right side shown; left side similar.

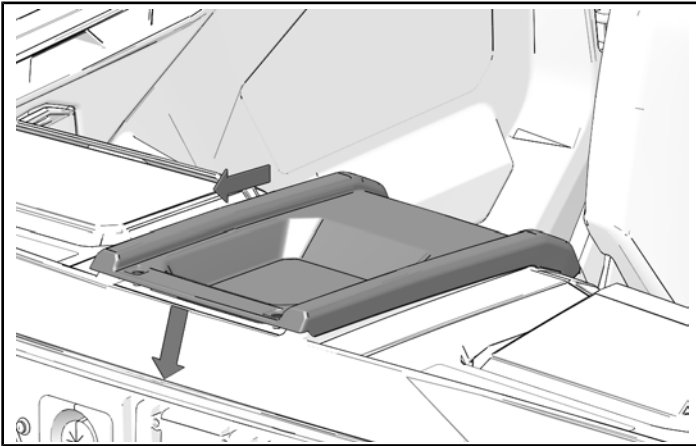
TORQUE

Dash Screws:
26.5 in-lbs (3 N·m)

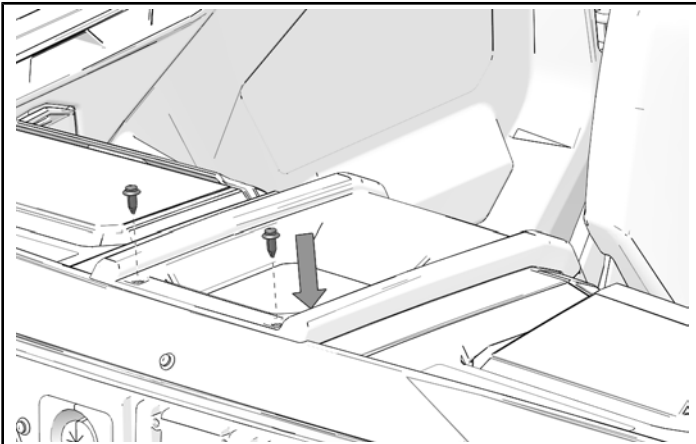


CENTER DASH PANEL INSTALLATION

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



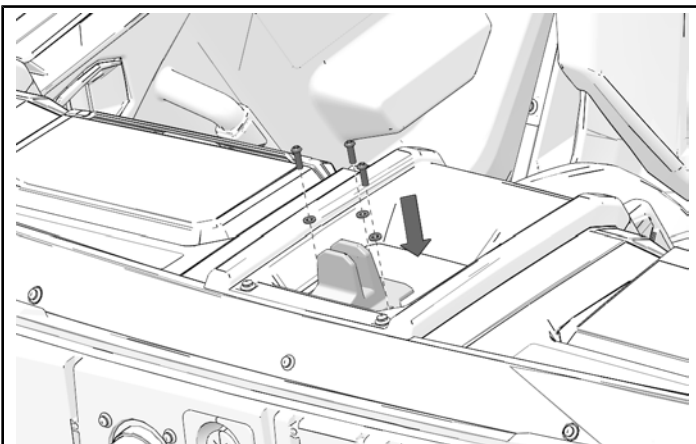
2. Install two push-pin rivets.



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

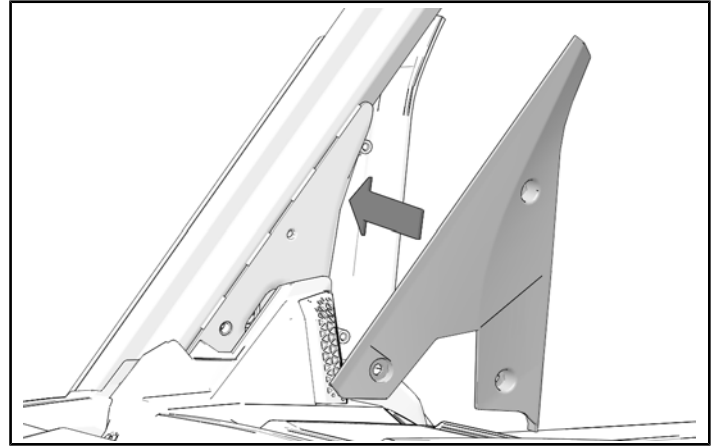
TORQUE

Base Screws:
89 in-lbs (10 N·m)



INSTALL LOWER A-PILLAR TRIM

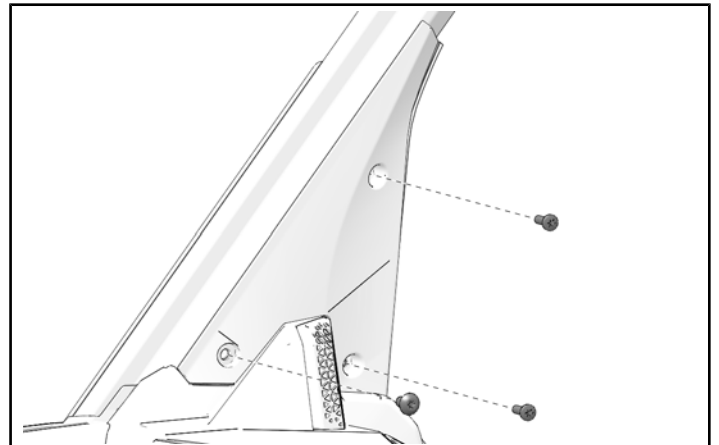
1. Put lower A-pillar trim in position at base of A-pillar.



2. Install three screws. Torque to specification.

TORQUE

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

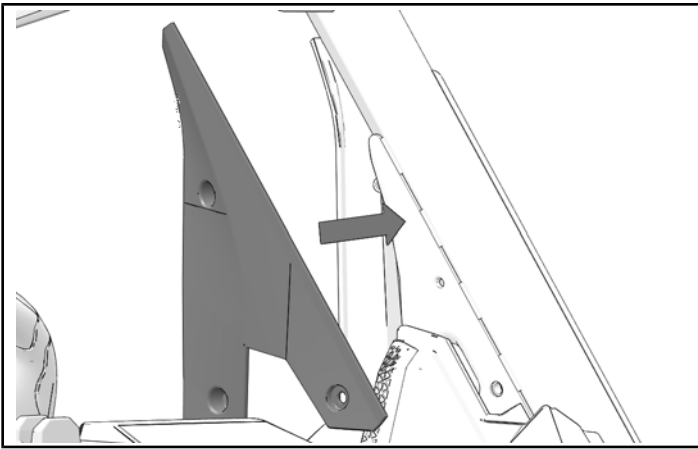


VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

NOTICE

Left side shown; right side similar.

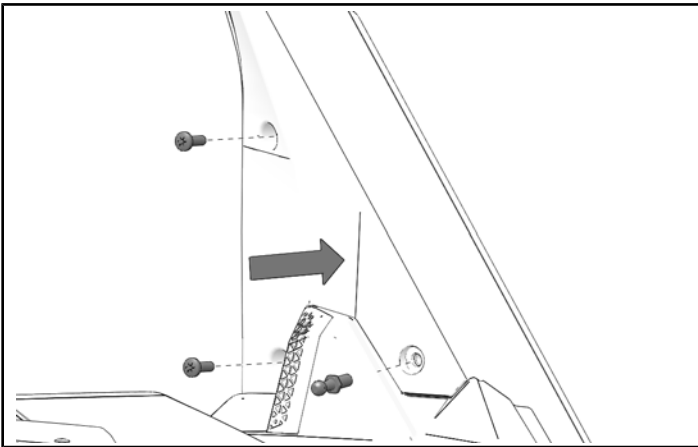
1. Put lower A-pillar trim in position at base of A-pillar.



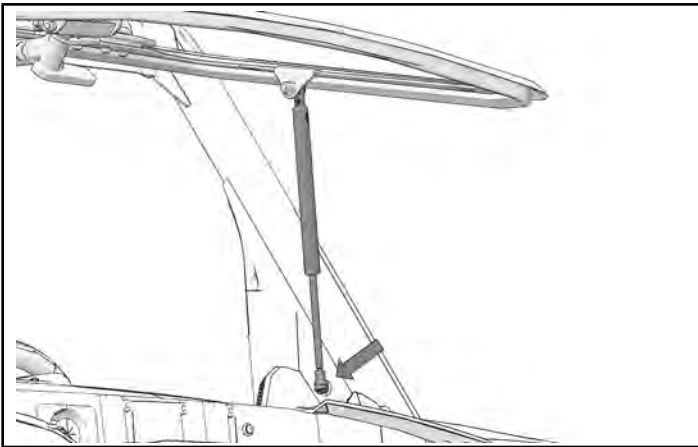
2. Install two screws and ball stud. Torque to specification.

TORQUE

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



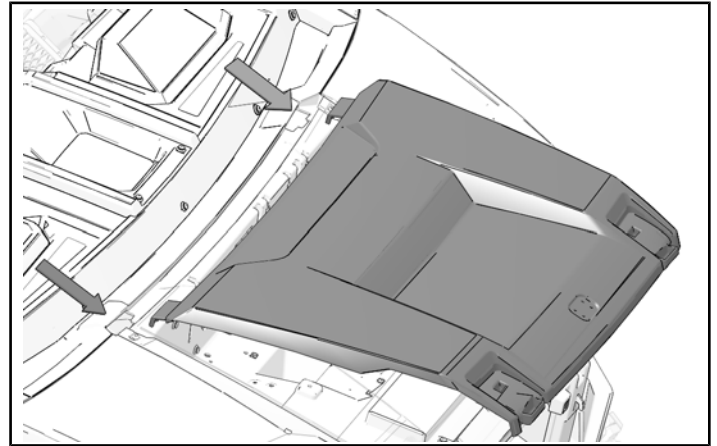
3. Return clip at bottom of gas spring to engaged position. Connect bottom of gas springs.



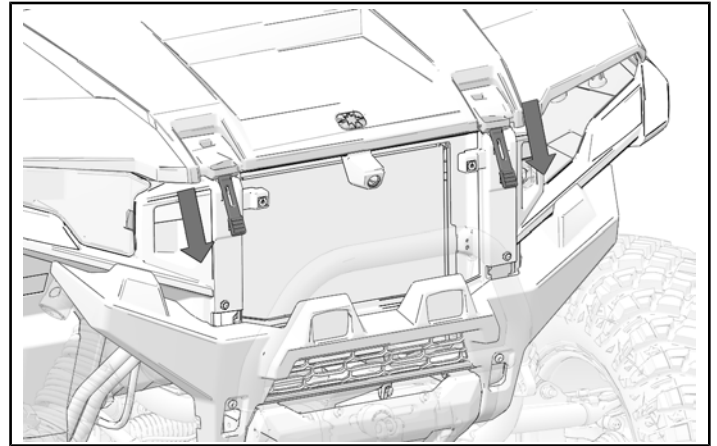
4. Remove windshield support and close tip-out windshield.

HOOD AND GRILL INSTALLATION

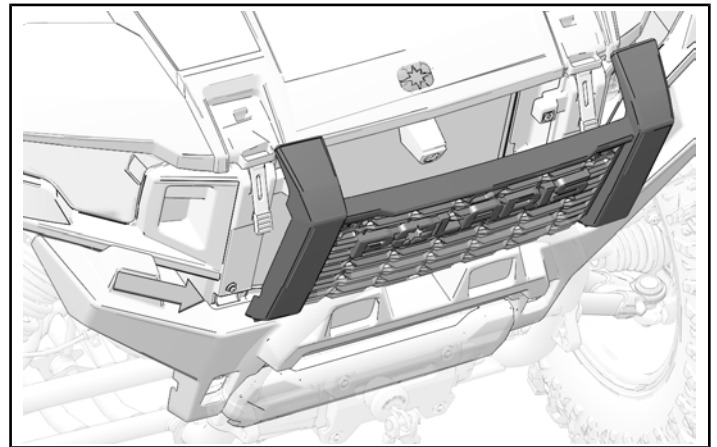
1. Put tabs on hood through openings in underhood liner. Then lower hood into position.



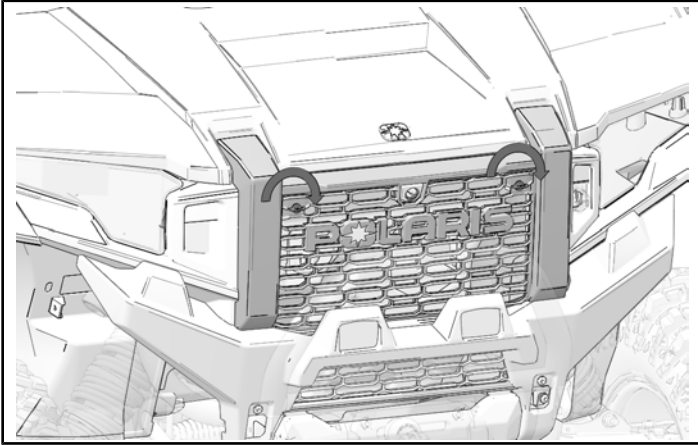
2. Pull rubber straps down over hooks to secure hood.



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

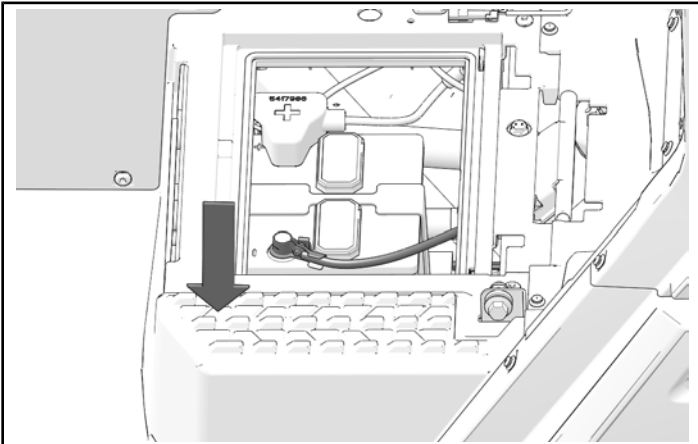


4. Push each stud in and turn one-quarter turn clockwise to attach grill.

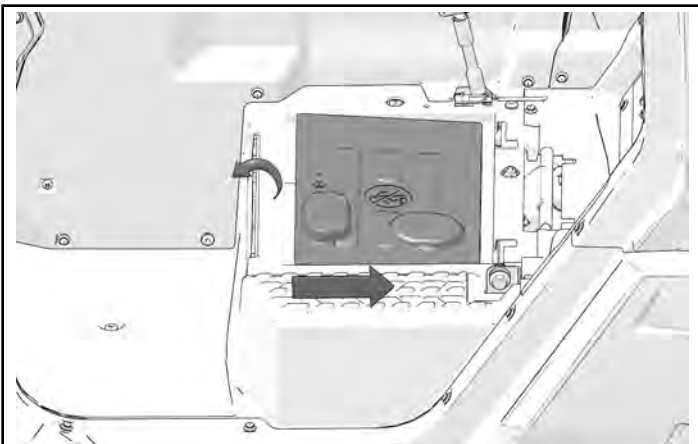


CONNECT BATTERY

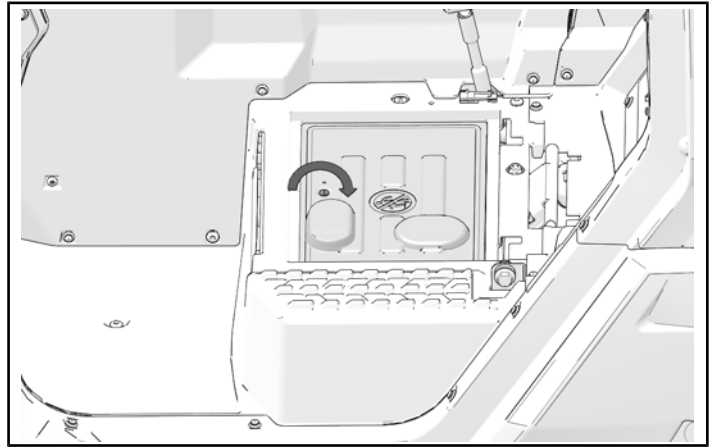
1. Connect negative cable to battery.



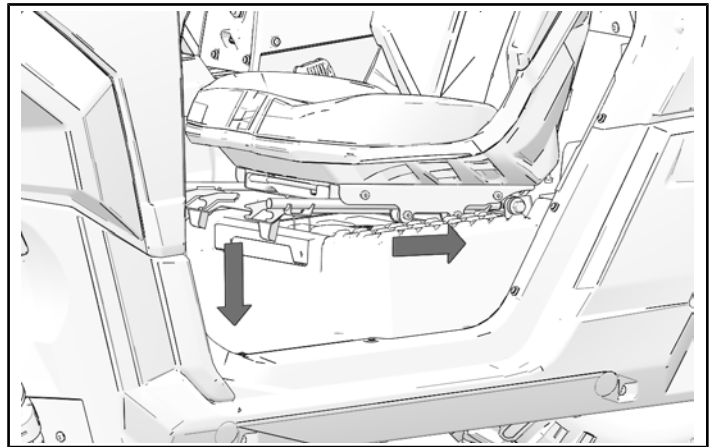
2. Push battery cover rearward and lower into place.



3. Turn screw to close cover.



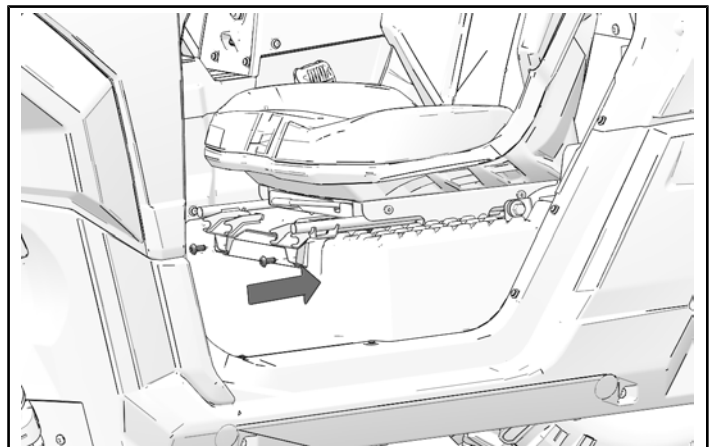
4. Push rearward to engage seat and lower front of seat into place.



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

TORQUE

Screws:
13 ft-lbs (18 N·m)



OPERATION



- Press top half of switch to turn on driving lights.
- Press bottom half of switch to turn off driving light.