

HEATER KIT



P/N 2889734

MISSING OR DAMAGED PARTS

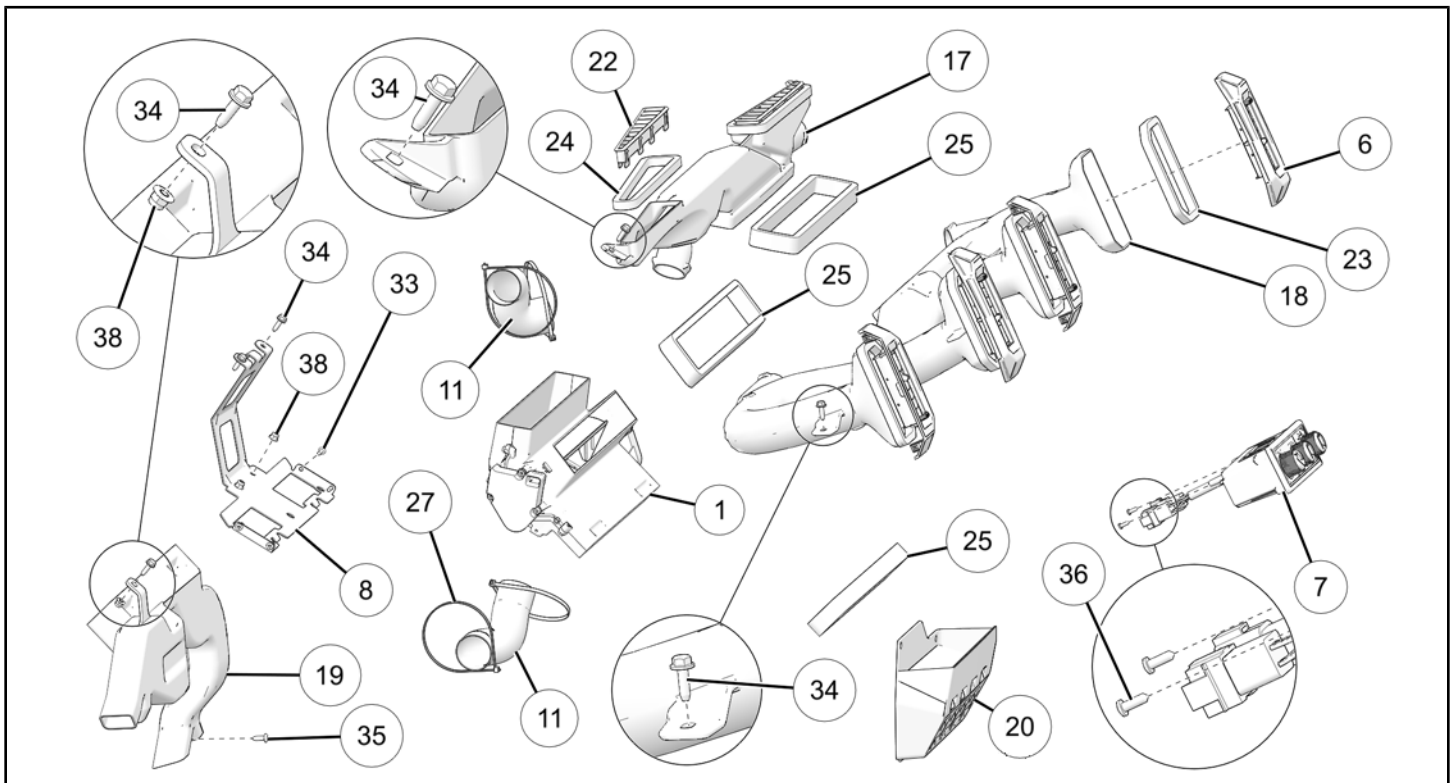
Before beginning assembly, inspect the kit and its component(s) to be sure all parts and tools are accounted for and not damaged. If missing parts or parts are damaged, please contact your Selling Dealer for assistance.

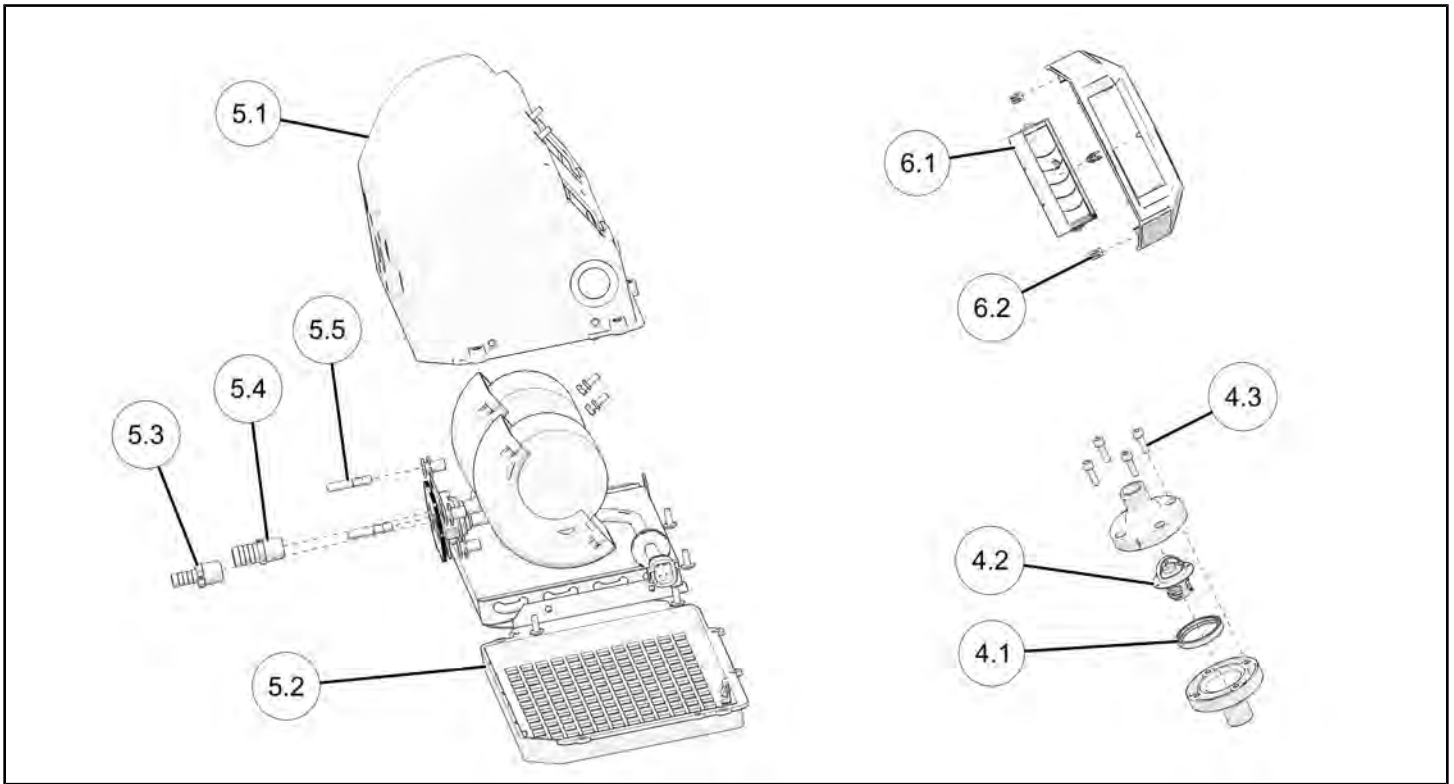
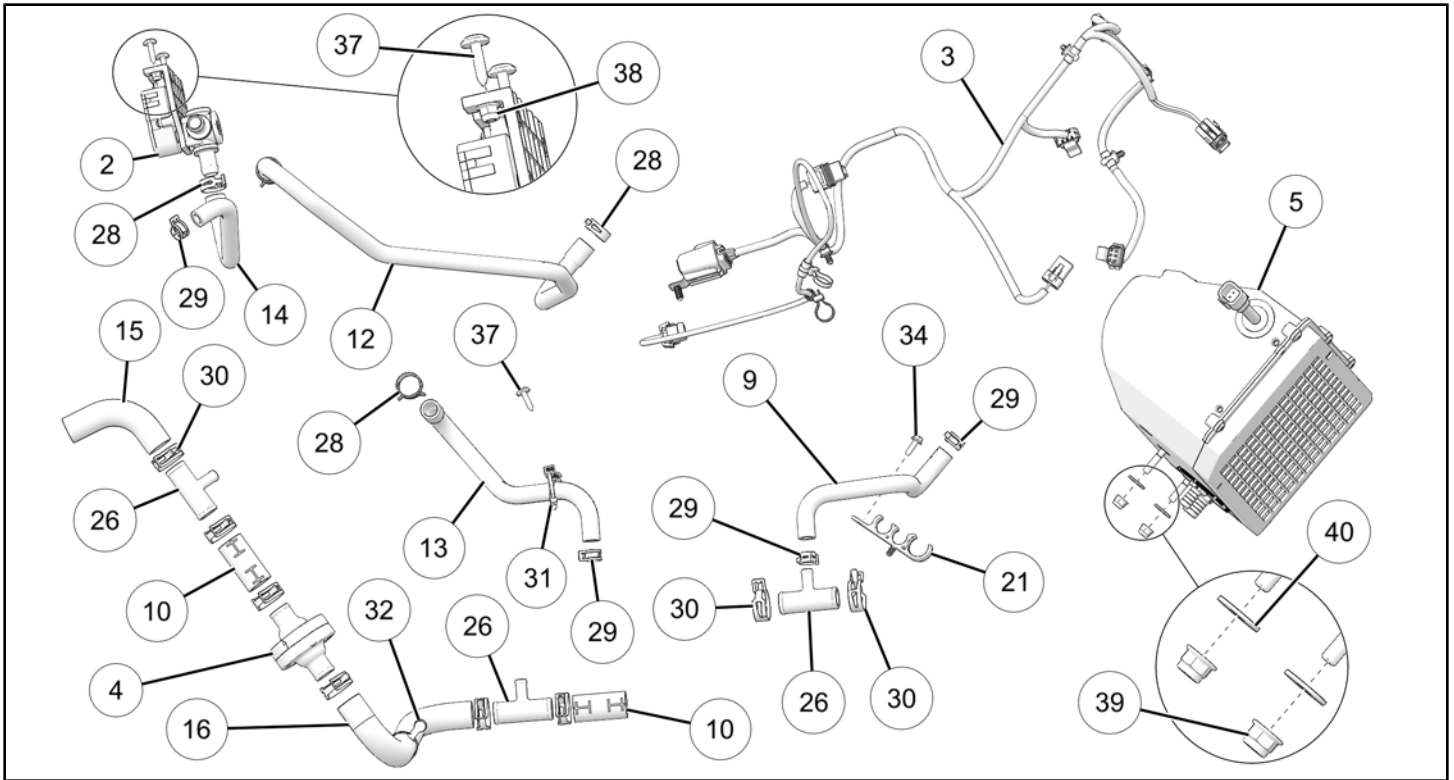
If your accessory was purchased online, please contact POLARIS® customer service at **1-800-POLARIS** (US & Canada only).

APPLICATION

Verify accessory fitment at www.polaris.com.

KIT CONTENTS





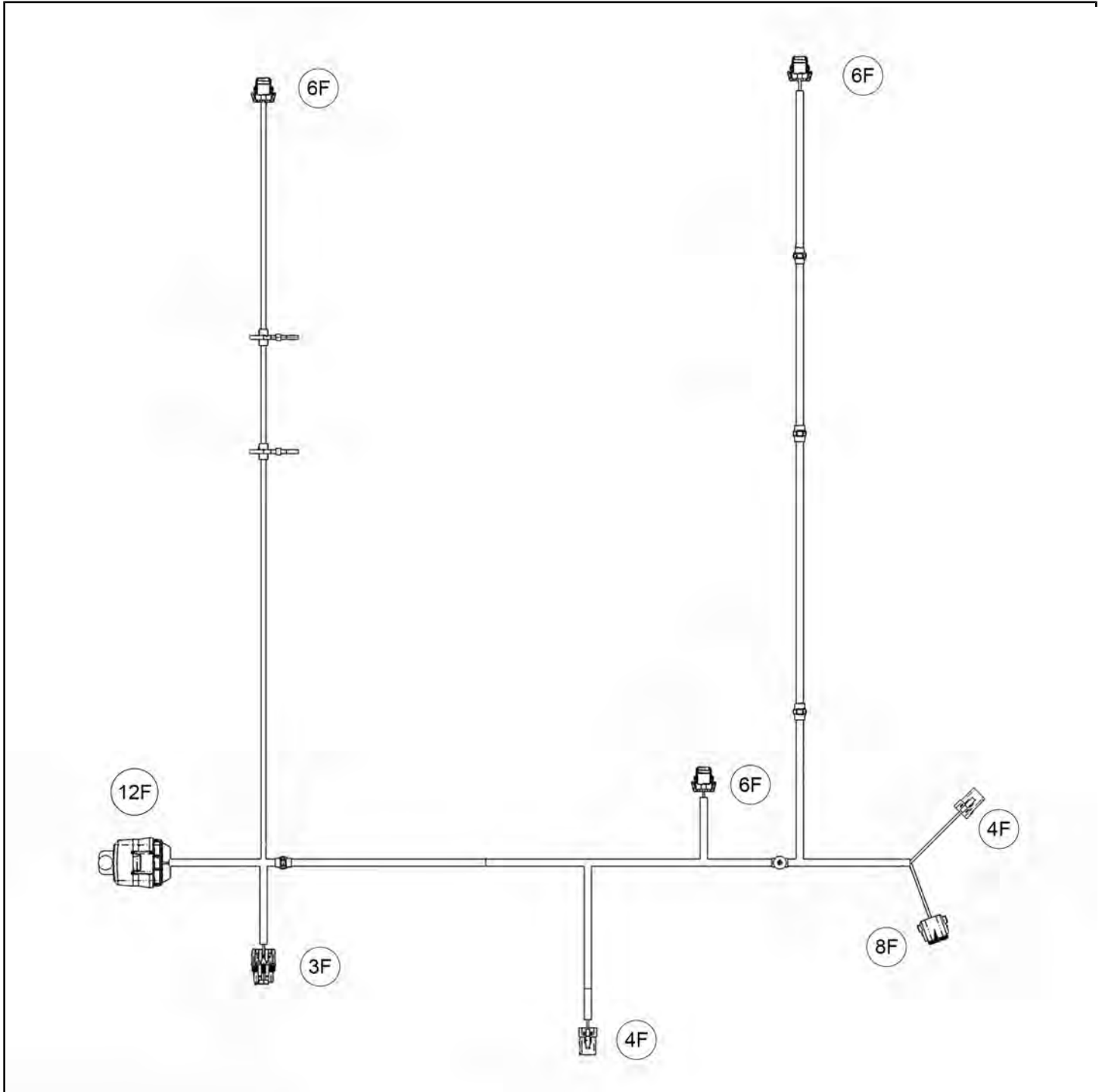
REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Mode Control Assembly	1241456
2	1	3-Way Valve Assembly	2415244
3	1	Heater Harness	2417075
4	1	Thermostat	2636186

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
4.1	1	– Seal, Thermostat	5413948
4.2	1	– Thermostat	7052661
4.3	4	– Screw, Socket Head M6 x 1.0 x 20 mm	7517305
5	1	Main Heater Assembly	2639214
5.1	1	– Main Heater Housing	5452435
5.2	1	– Lower Grill Cover	5452437
5.3	1	– Heater Fitting, Male	7052663
5.4	1	– Fitting, Male 1/2 NPT - 3/4 HB	7052671
5.5	2	– Stud M8 x 1.25 x 45/55 mm	7520519
6	4	Vent Panel Assembly	2639435
6.1	1	– Panel Vent	5457008
6.2	3	– Vent Trim	5456313
7	1	Heater Control	4081523
8	1	HVAC Module Mounting Bracket	n/a
9	1	Heater Return Hose	5417313
10	2	Coolant Hose	5417456
11	2	Duct, Flexible Jumper	5417641
12	1	Front Heater Hose	5418527
13	1	Bypass Heater Hose	5418528
14	1	Front Heater Hose	5418529
15	1	Upper Radiator Hose	5418530
16	1	Upper Radiator Hose	5418531
17	1	Air Duct, Defrost	5457004
18	1	Air Duct, Panel	5457005
19	1	Air Duct, Floor	5457006
20	1	Dash Storage, Louvers	n/a
21	1	HVAC Routing Clip	5458511
22	2	Defrost Vent	5465247
23	4	Dash Panel Gasket	5815160
24	2	Dash Defrost Gasket	5815161
25	3	Duct Defrost Gasket	5815649
26	3	Tee Connector 1 x 1 x 0.5 in	7052530
27	4	Cable Tie	7080761
28	4	Springband Clamp, Green	7080841
29	4	Hose Spring Clamp 20 mm	7081719

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
30	8	Springband Clamp, Black	7082308
31	2	Edge Clip	7082399
32	1	Edge Clip	7082406
33	4	Screw, Torx® Pan Head #10 x 5/8 in	7518238
34	8	Screw, Flange Head M6 x 1.0 x 20 mm	7518529
35	1	Screw, Torx® Truss Head #14 x 3/4 in	7519045
36	2	Screw, Torx® Pan Head #10 x 1/2 in	7519091
37	3	Screw, Torx® Truss Head M6 x 1.0 x 25 mm	7519650
38	5	Nut, Hex Flange M6 x 1.0 mm	7548027
39	2	Nut, Hex Flange M8 x 1.25 mm	7548028
40	2	Flat Washer M8 x 2.0 mm	7558715

HARNES DETAIL

HEATER HARNES ③



REF	PART DESCRIPTION	CONNECTS TO
12F	Fuse Block	Body
6F	Connector – Heat Valve Actuator	Heat Valve Actuator ②
6F	Connector – Heater Mode Control	Heater Mode Control ①
6F	Connector – Blower Fan Actuator	Fan Actuator ①
4F	Connector – Heater Control	Heater Control ⑦

REF	PART DESCRIPTION	CONNECTS TO
8F	Connector – Heater Control	Heater Control ⑦
4F	Connector – Blower Fan	Main Heater Assembly ⑤
3F	Connector – Polaris PULSE® Bar	Polaris PULSE® Bar
Example: 16F = 16 pin, Female / 16M = 16 pin, Male (Male terminal fits inside female terminal)		

TOOLS REQUIRED

- Safety Glasses
- Cutting Tool
- Cooling System Evacuation Tool
- Drill
- Drill Bit:
 - 1/4 in (6 mm)
 - 5/8 in (16 mm)
- Hole Saw:
 - 1 3/4 in (44 mm)
- Pliers, Hose Pinch-Off
- Pliers, Push Pin Rivet
- Pliers, Retaining Ring
- Pliers, Side Cutting
- Pliers, Slip Joint
- Pressure Tester, Cooling System
- Service Manual
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- Wrench Set, Metric
- Vehicle Lift/Support Equipment
- **Special Service Tool:**
 - Non-marring Pry Tool, P/N 5456907 (or equivalent)

CONSUMABLES REQUIRED

- Antifreeze, POLARIS 50/50 Premix, 2-4 quarts

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.

REMOVE LOWER A PILLAR TRIM

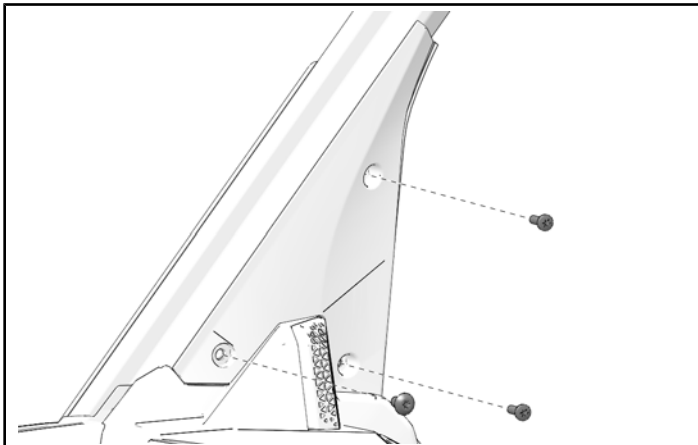
NOTICE

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

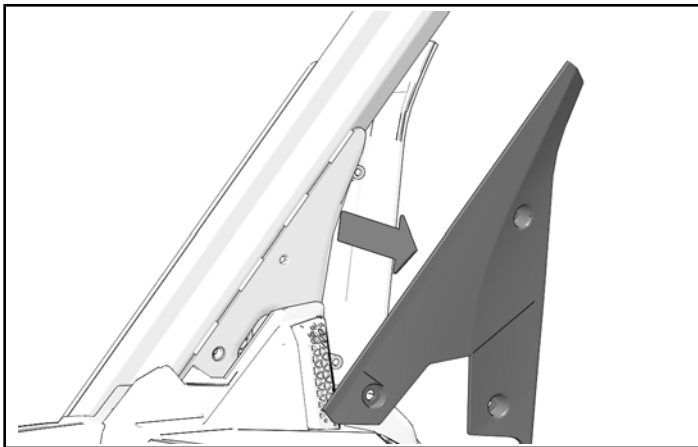
1. Remove three screws from lower A-pillar trim panel.

NOTICE

Right side shown; left side similar.



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



VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

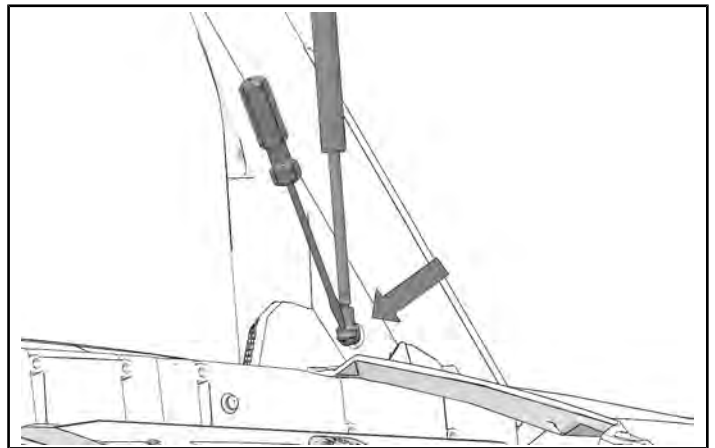
NOTICE

Left side shown; Right side similar.

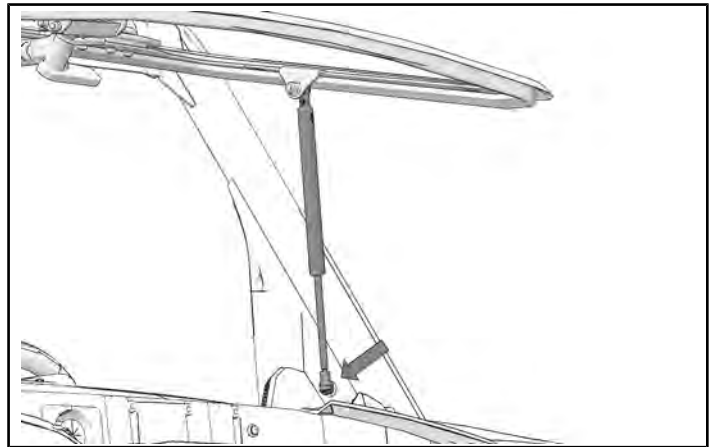
1. Open tip-out windshield. Install a support to hold weight of windshield.
2. Use appropriate tool to release clip at lower end of gas spring.

CAUTION

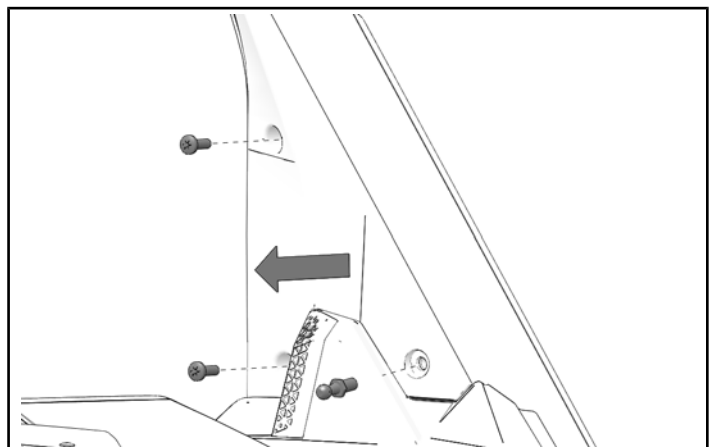
Use care when releasing the clip. Clip may spring away from fitting, and may strike objects or become lost.



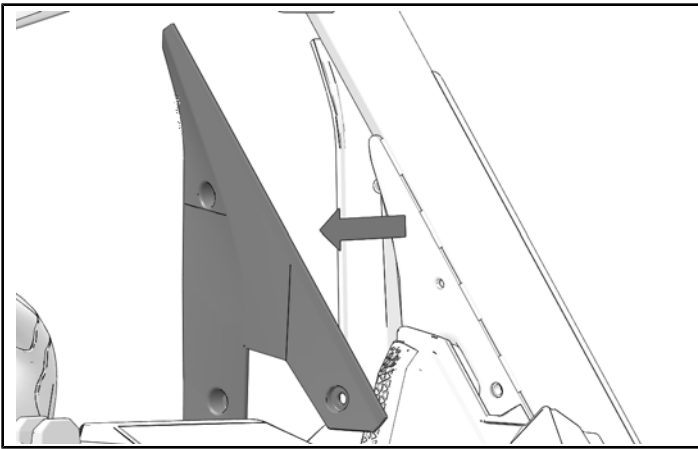
3. Disconnect bottom of gas springs.



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



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



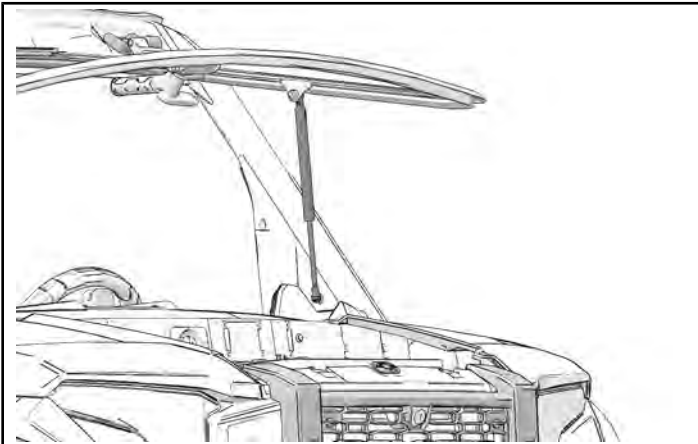
CENTER DASH PANEL REMOVAL

VEHICLES WITH TIP-OUT WINDSHIELD

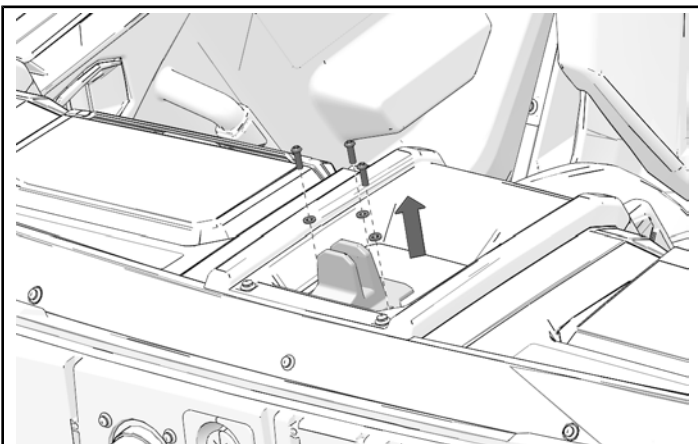
NOTICE

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

1. Open tip-out windshield.

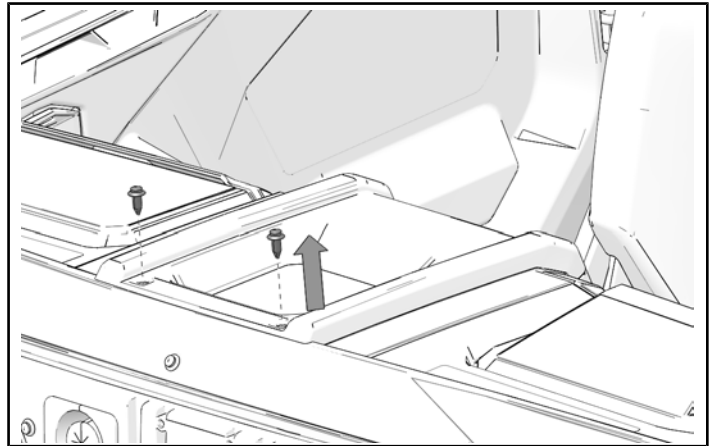


2. Remove and keep three screws and washers. Remove and keep windshield base.

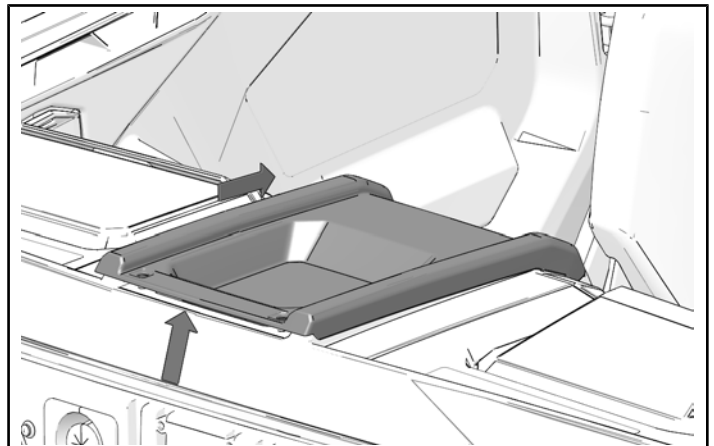


PANEL REMOVAL

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



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

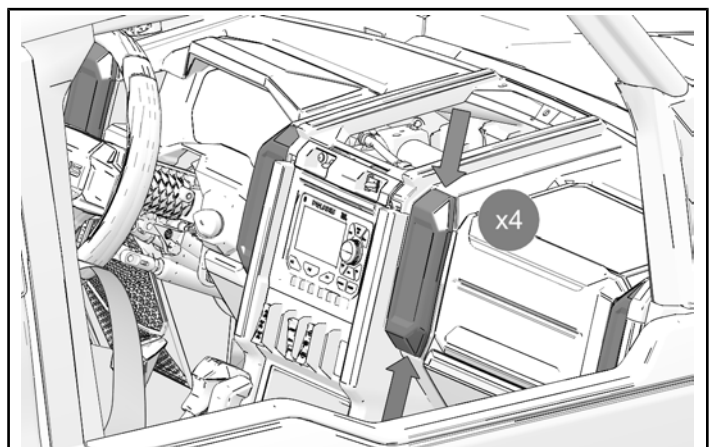


REMOVE DASH COVER

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.



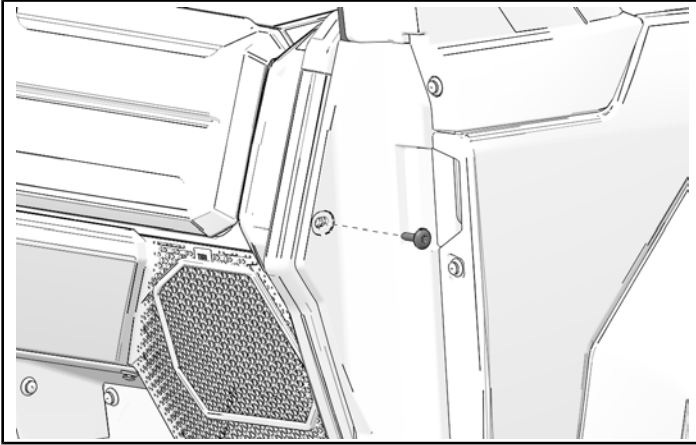
2. Remove one screw at each side of dash cover.

NOTICE

Right side shown; left side similar.

TIP

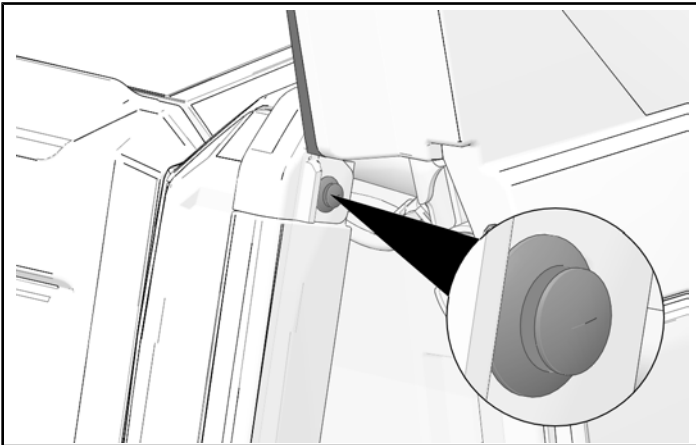
Doors will need to be fully open to access and remove these screws. Removal of these screws allows cover to be pulled open in next step to remove push-pin rivet.



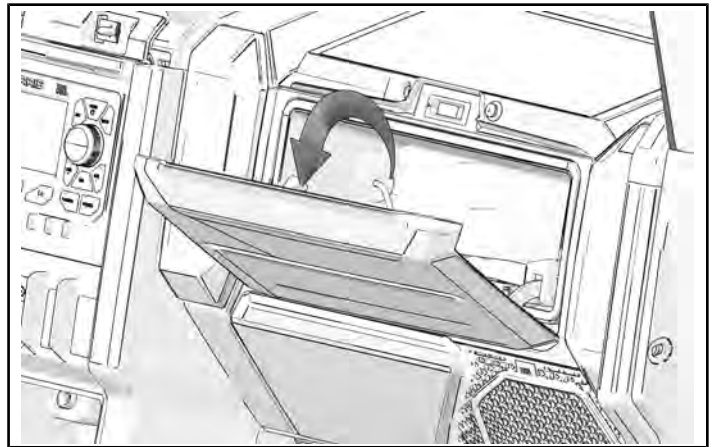
3. Carefully pull plastic cover away from lower A-pillar area and remove one push-pin rivet from side of dash cover.

NOTICE

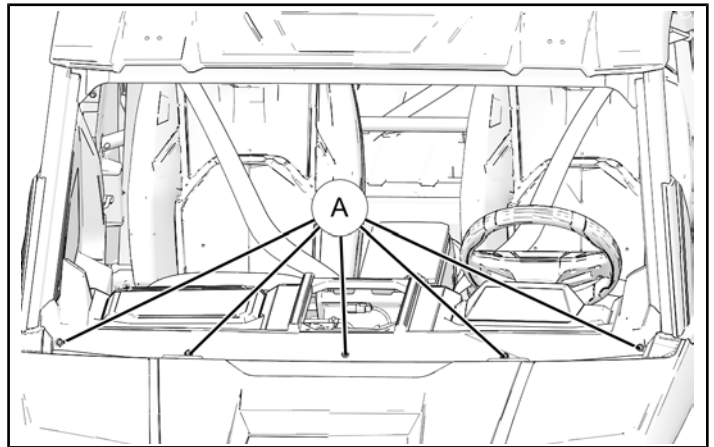
A-pillar trim hidden for clarity.



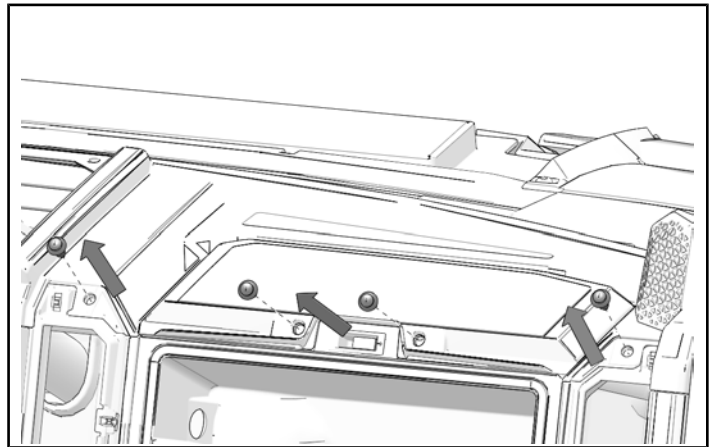
4. Open glove box.



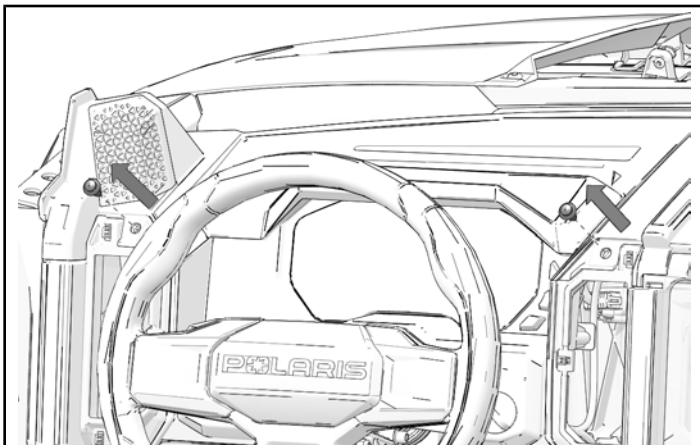
5. Remove and keep five screws (A) and washers at front of dash cover.



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



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



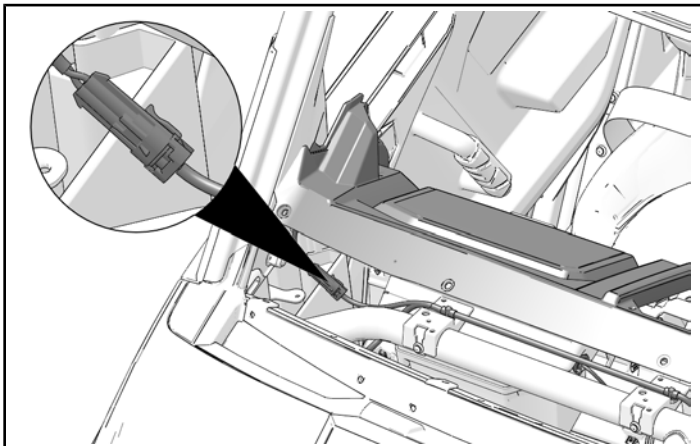
8. Lift up and forward to remove dash cover.

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.



HEAD UNIT REMOVAL

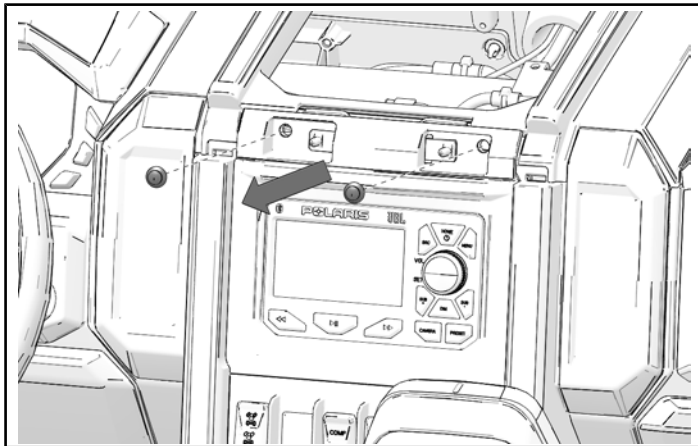
NOTICE

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.

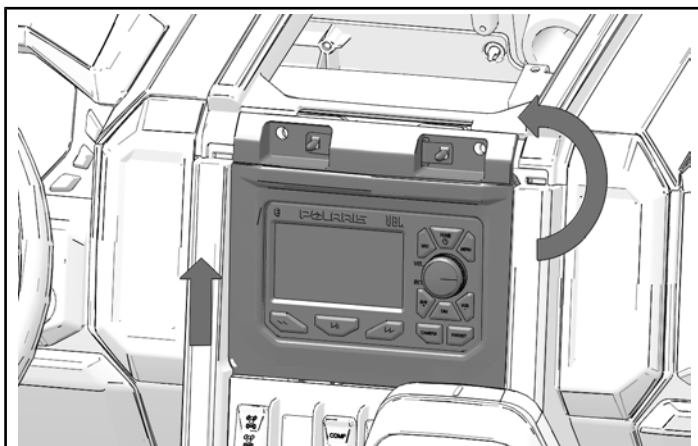
NOTICE

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

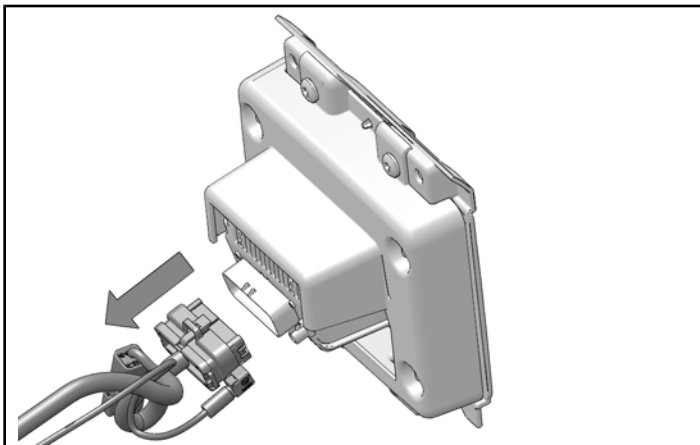
1. Remove and keep two push-pin rivets from top of the head unit.



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 DASHBOARD

NOTICE

Doors hidden for clarity

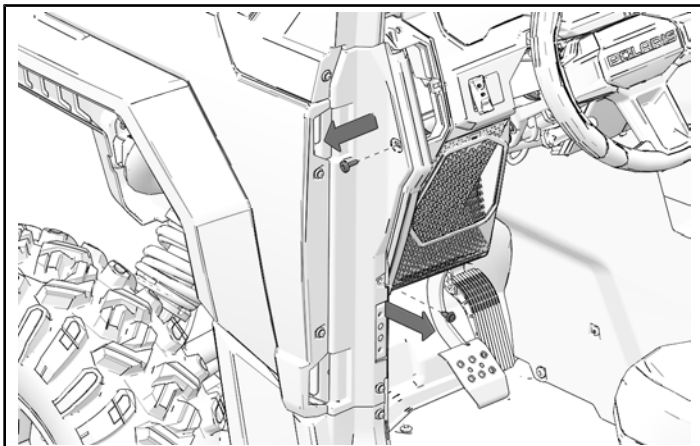
1. Remove and keep screw and push-pin rivet from left side door frame.

NOTICE

Left side shown; right side similar.

TIP

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



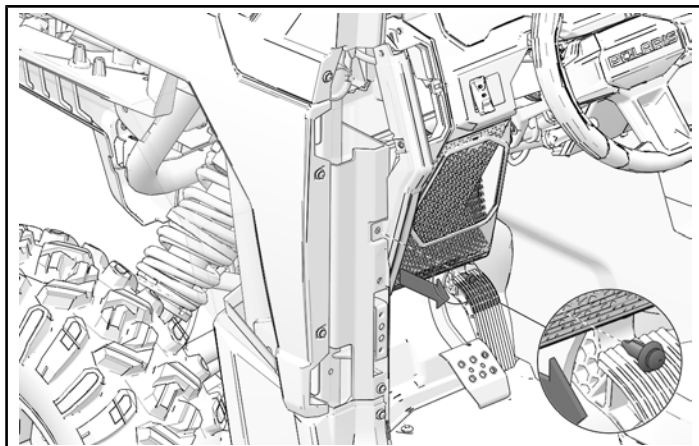
2. Carefully pull trim away from vehicle and remove one push-pin rivet from side of dashboard.

NOTICE

Left side shown; right side similar.

NOTICE

Trim hidden for clarity.



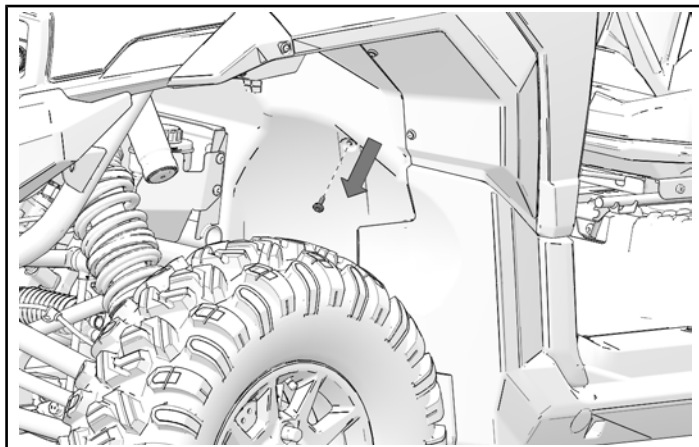
3. Remove one screw from each front wheel well.

NOTICE

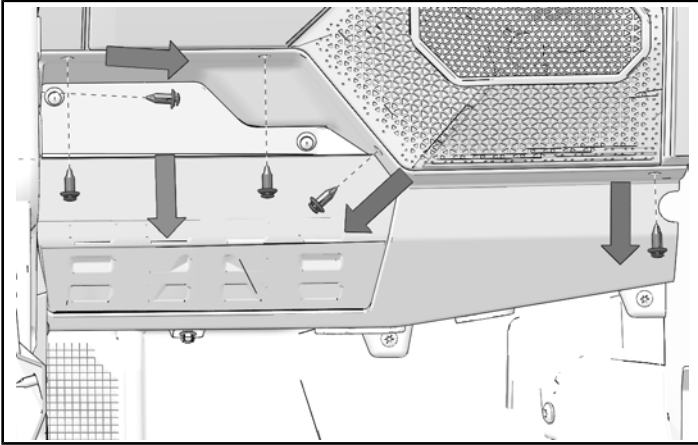
Left side shown; right side similar.

NOTICE

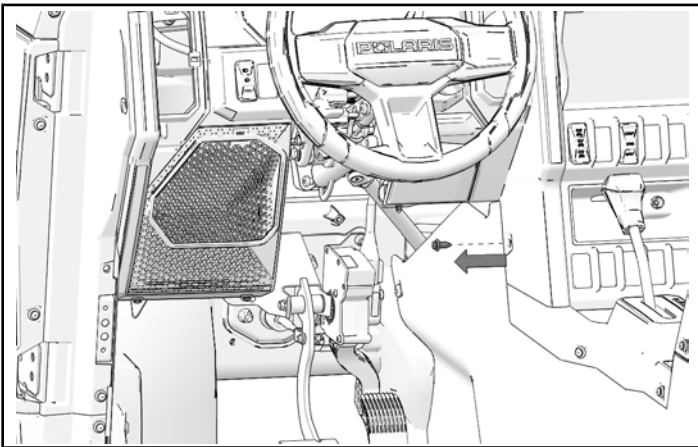
When dashboard is removed, check that u-nut for this screw is still attached to dashboard panel.



- Remove five push-pin rivets from bottom of dashboard in front of passenger seat.



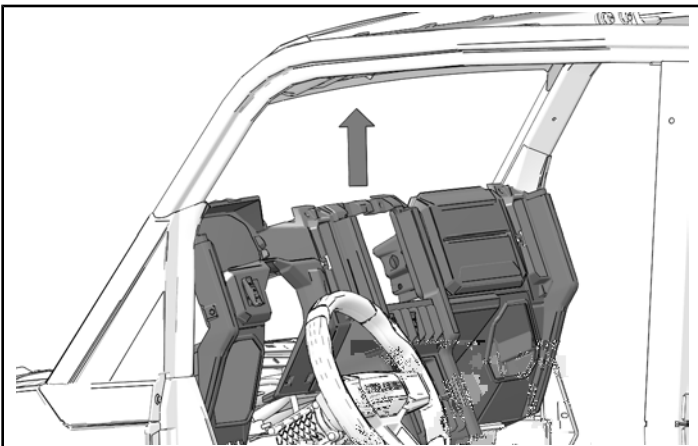
- Remove push-pin rivet from bottom of dashboard in front of drivers seat.



- Remove dashboard from vehicle.

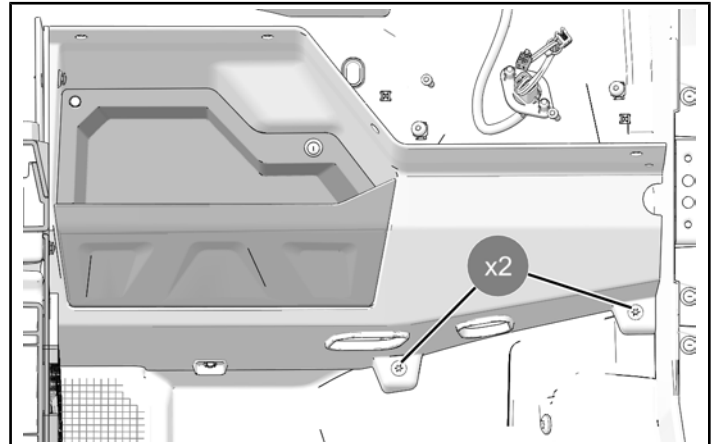
NOTICE

Make sure to disconnect electronic components (switches, speakers, etc.) prior to removing dashboard. Label locations of removed components to ease later installation.

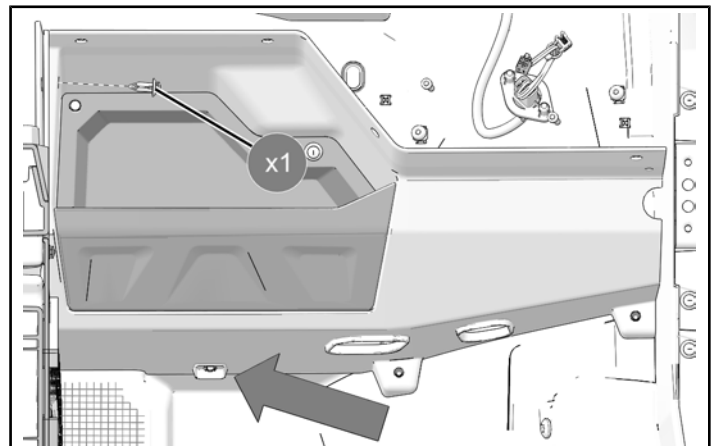


PASSENGER STORAGE REMOVAL

- Remove and keep two screws from passenger footwell storage.

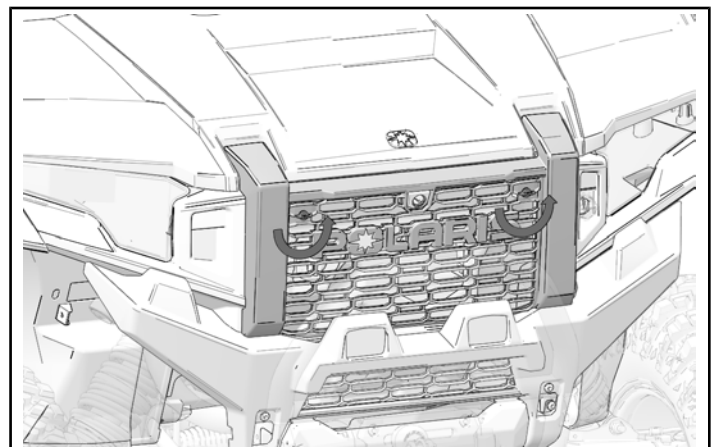


- Remove one push pin rivet. Disconnect scene light from panel.

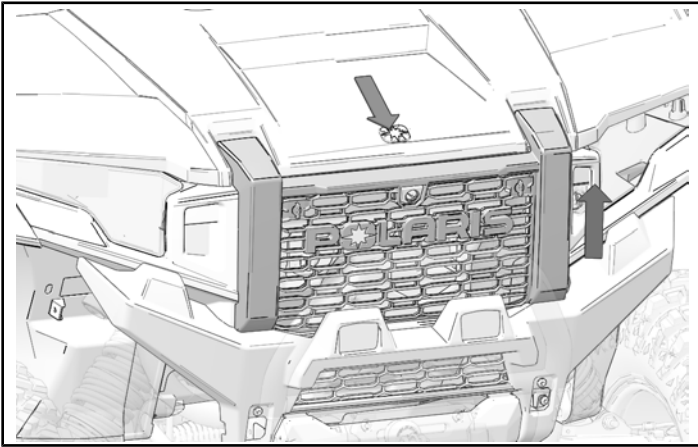


GRILL AND HOOD REMOVAL

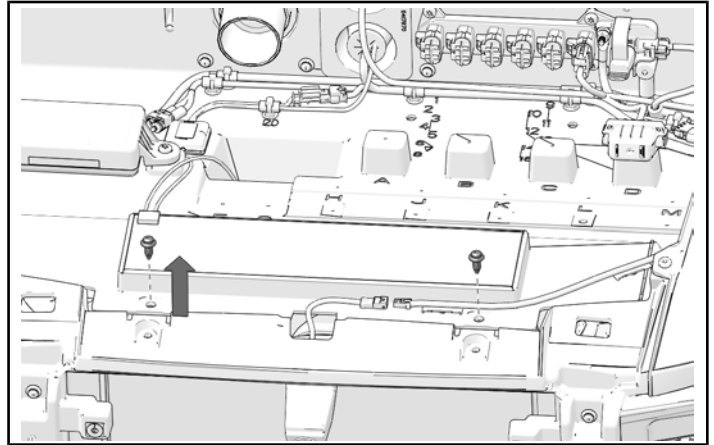
- Turn each stud one-quarter of a turn to release the grill.



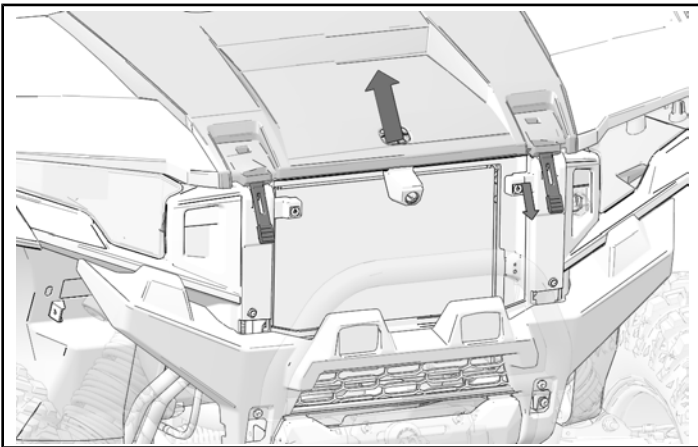
2. Pull the top of the grill forward and then lift up to remove the grill.



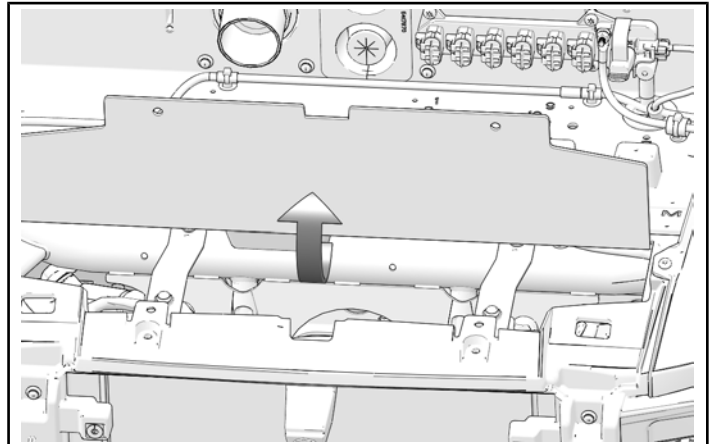
2. Remove two push-pin rivets from the front of the underhood liner.



3. Unhook the rubber straps for the hood. Lift the hood to remove.

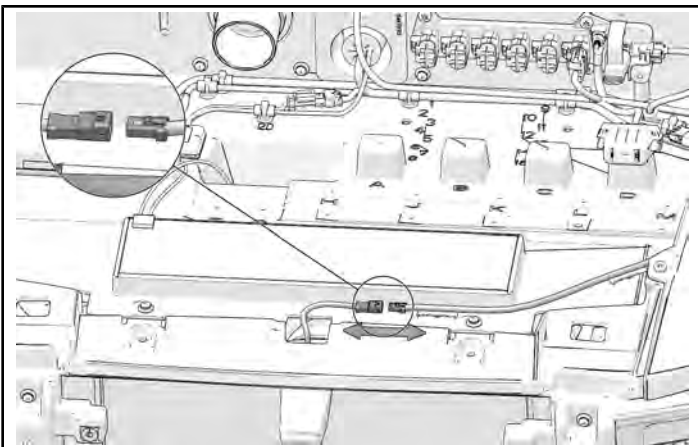


3. Lift the front panel of the underhood liner to access the areas beneath.



FRONT UNDERHOOD PANEL ACCESS DOOR

1. If vehicle is equipped with front camera, disconnect the front camera harness.



DRAIN COOLANT

NOTICE

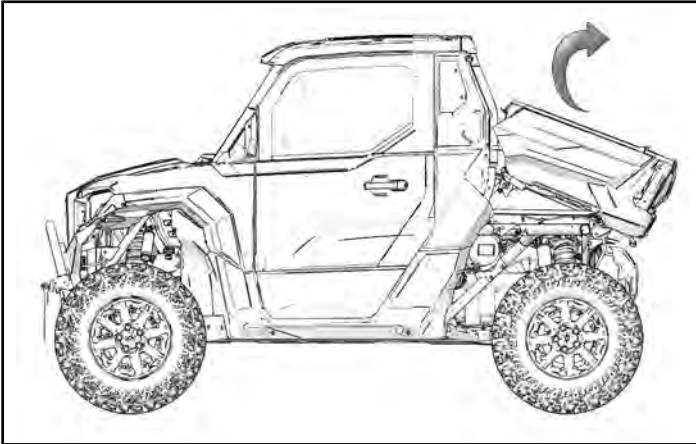
Make sure drain pan is ready to collect coolant.

⚠ WARNING

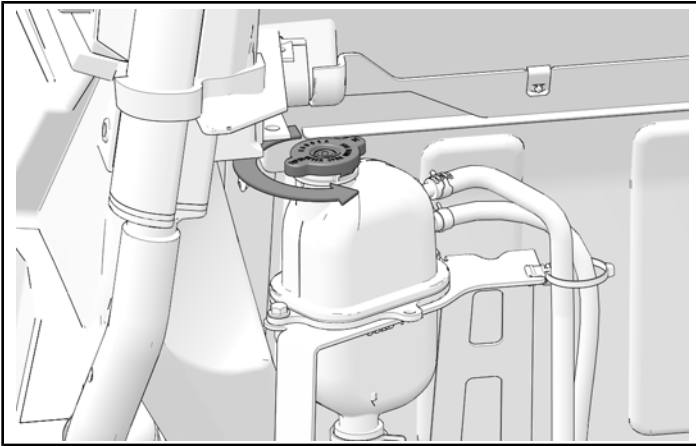
Never drain coolant when engine and radiator are warm or hot. Hot coolant can cause severe burns. Allow engine and radiator to cool before draining coolant.

XP MODELS

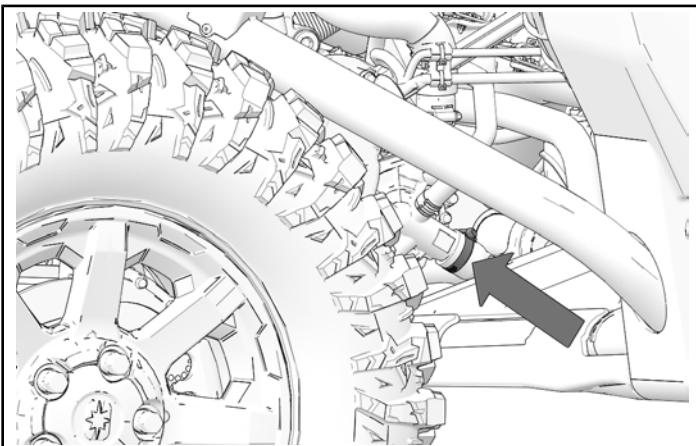
1. Raise cargo box.



2. Remove cap from pressure tank located behind driver position on outside of cab.



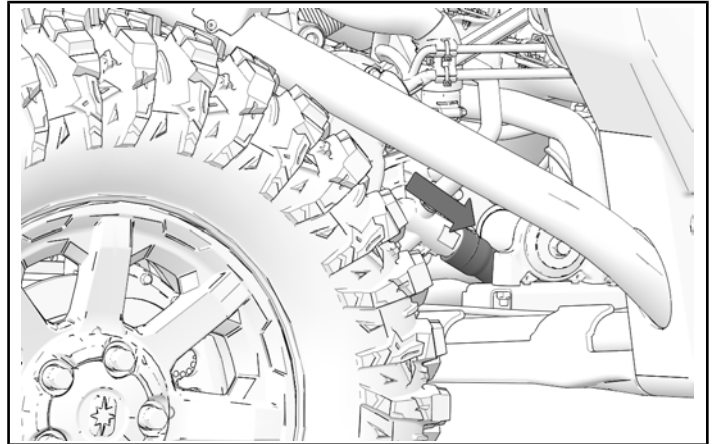
3. Find water pump outlet on right side of engine. Remove clamp from coolant hose.



4. Remove coolant hose from water pump.

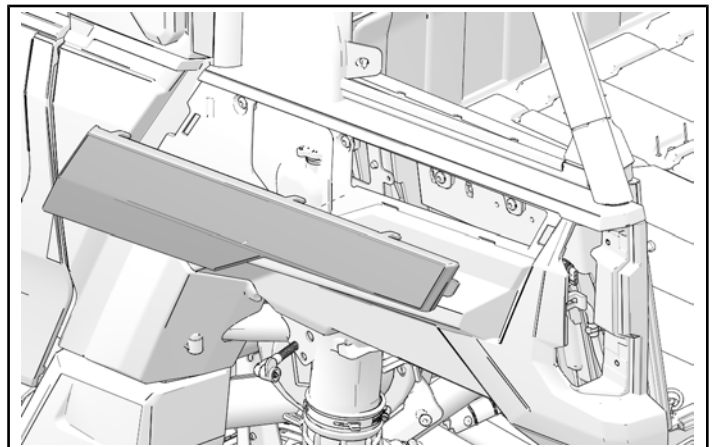
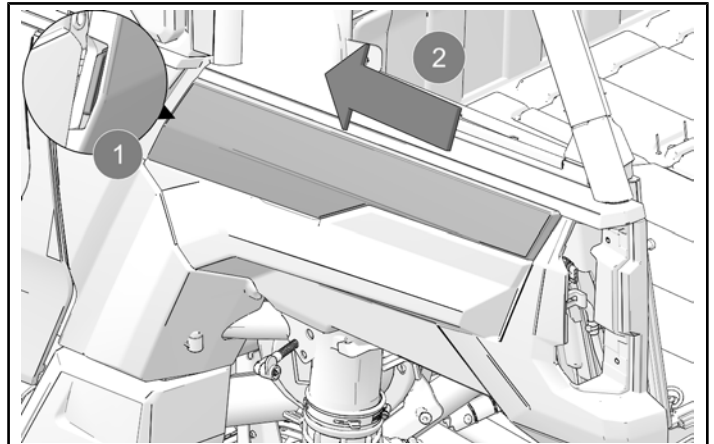
IMPORTANT

Have drain pan ready. Coolant will drain quickly.

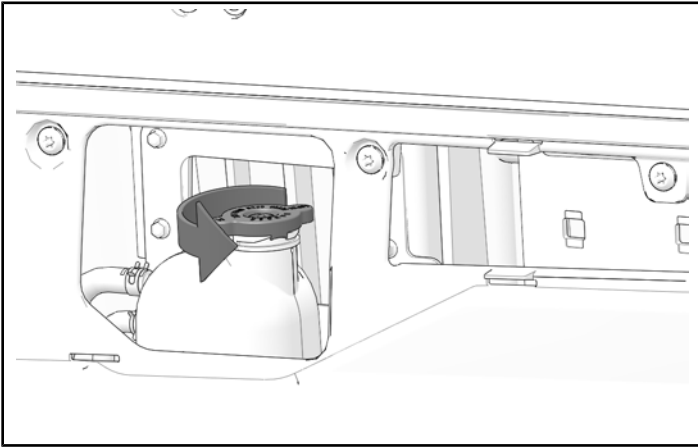


ADVENTURE MODELS

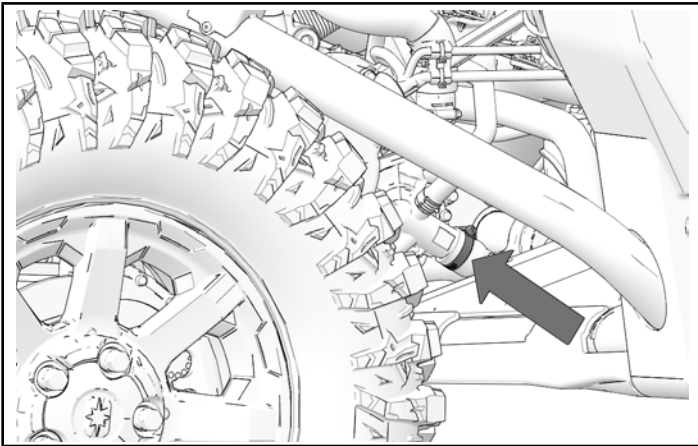
1. Hold down lever and slide upper panel cover to the left to release hooks. Remove upper panel cover from vehicle.



2. Remove cap from pressure tank. Open access door if necessary to access pressure tank



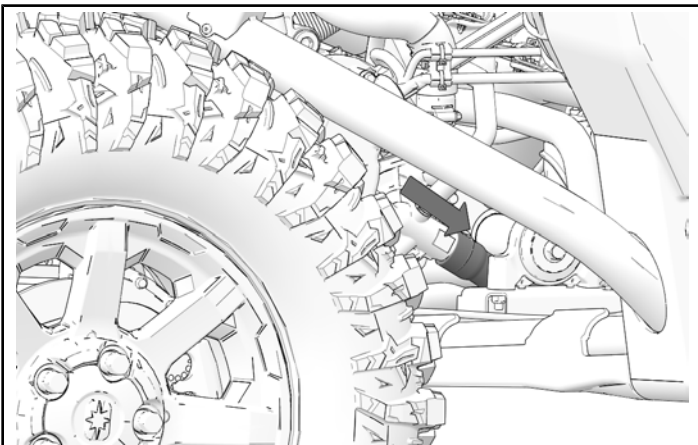
3. Find water pump outlet on right side of engine. Remove clamp from coolant hose.



4. Remove coolant hose from water pump.

IMPORTANT

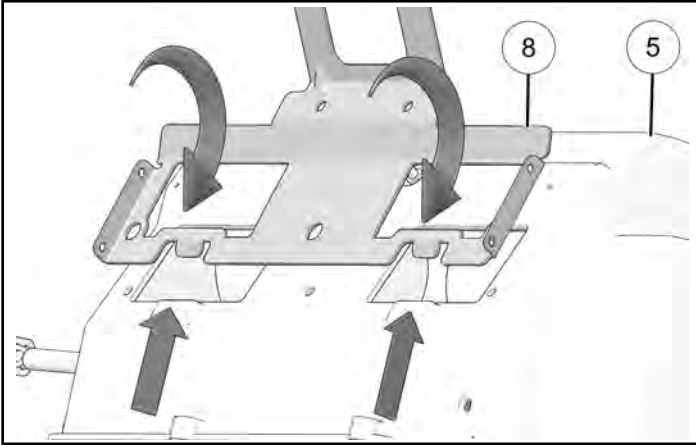
Have drain pan ready. Coolant will drain quickly.



ACCESSORY INSTALLATION

HEATER ASSEMBLY

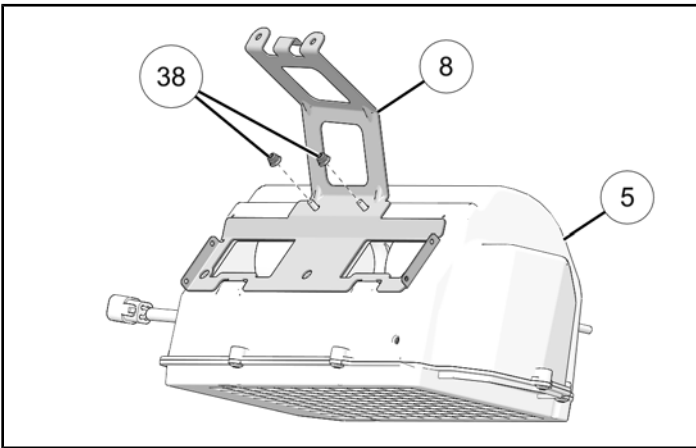
1. Put mounting bracket ⑧ into two tabs and rotate into place on heater assembly ⑤.



2. Attach mounting bracket ⑧ to heater assembly ⑤ using two nuts ③⑧.

TORQUE

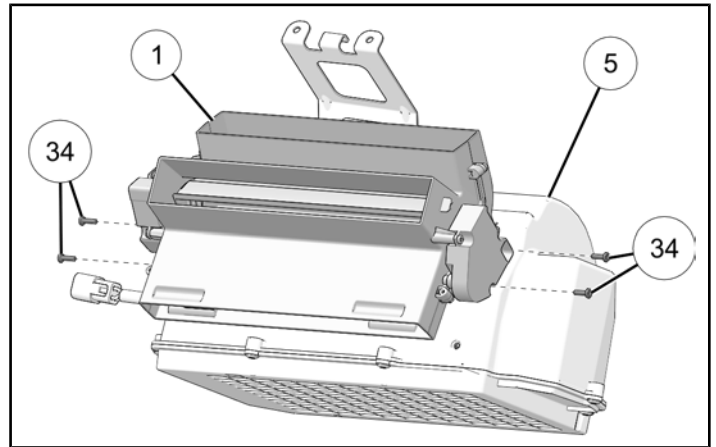
Nuts ③⑧:
70 in-lbs (8 N·m)



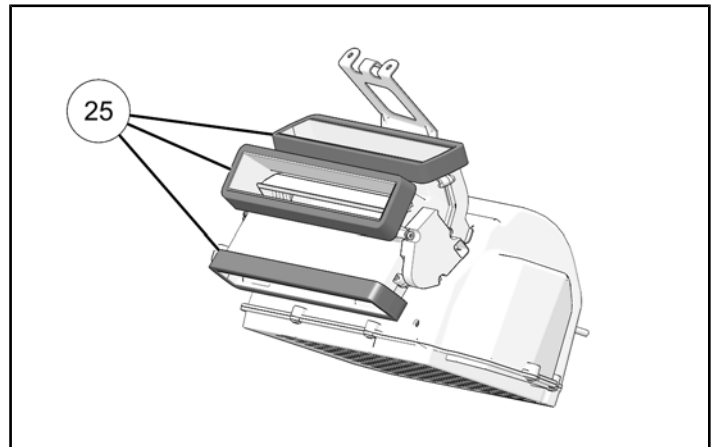
3. Install mode control assembly ① on heater assembly ⑤ using four screws ③④.

TORQUE

Screws ③④:
18 in-lbs (2 N·m)

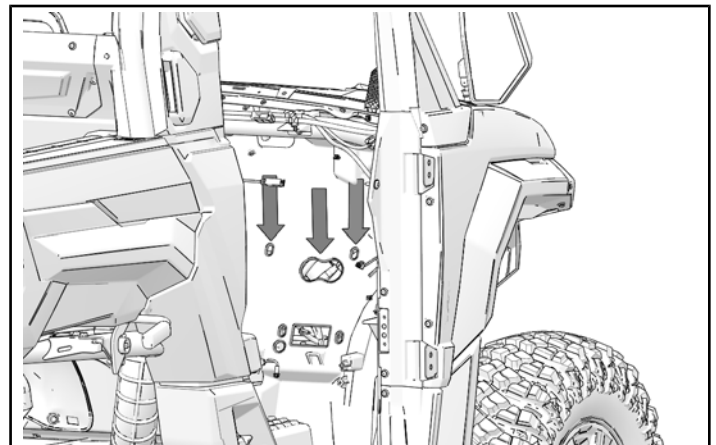


4. Install gasket ②⑤ on three heater duct outlets. Trim gasket material to fit opening.



FRONT CLOSE-OFF PANEL PREP

1. Locate drill positions at front close-off panel on right side of vehicle.



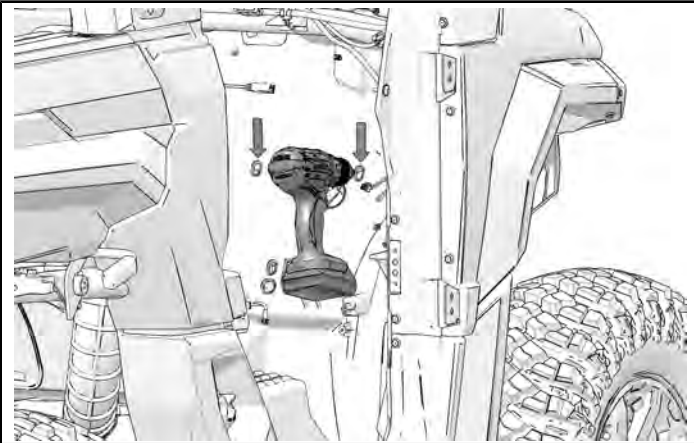
2. Drill two holes. Drill opening to match molded shape in close-off panel.

NOTICE

Oblong mounting hole shape allows for adjustment of heater box during installation.

MEASUREMENT

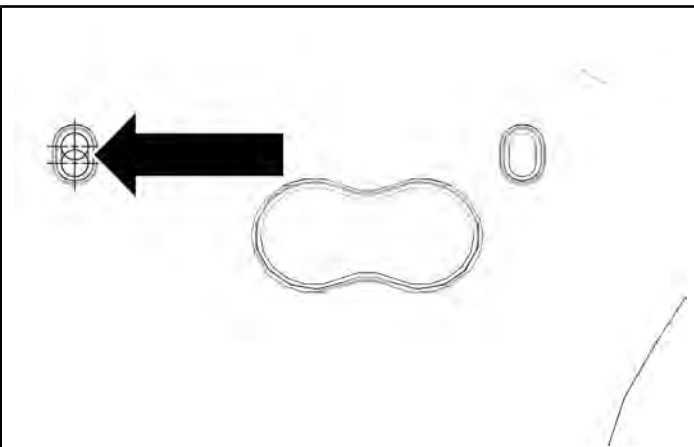
Drill Bit Size:
5/8 in (16 mm)



3. Trim remaining material from opening. There will be material left over between the drilled holes.

NOTICE

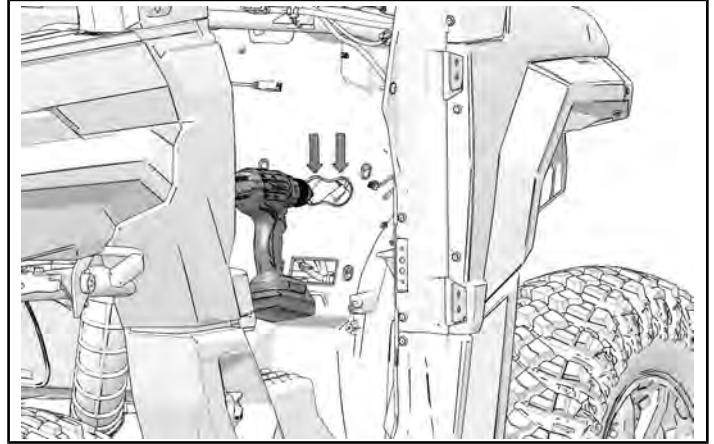
Make sure only material within the molded shape is removed. Removing excess material could effect heater mounting.



4. Find coolant inlet and outlet hole positions. Drill two locations. Cut remaining opening to match molded shape in close-off panel.

MEASUREMENT

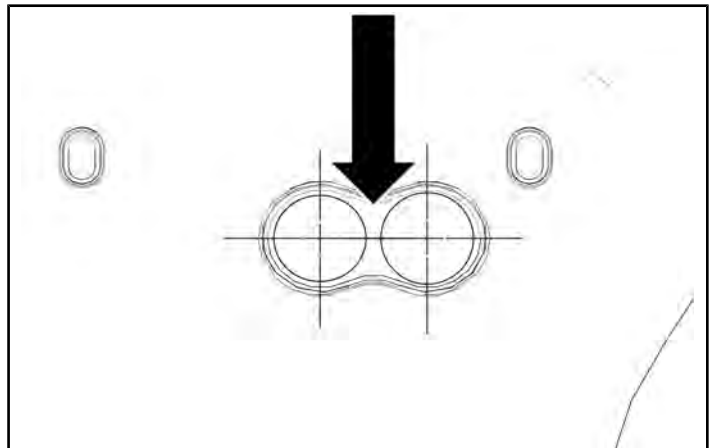
Hole Saw Size:
1 3/4 in (44 mm)



5. Trim remaining material from opening. There will be material left over between the drilled holes.

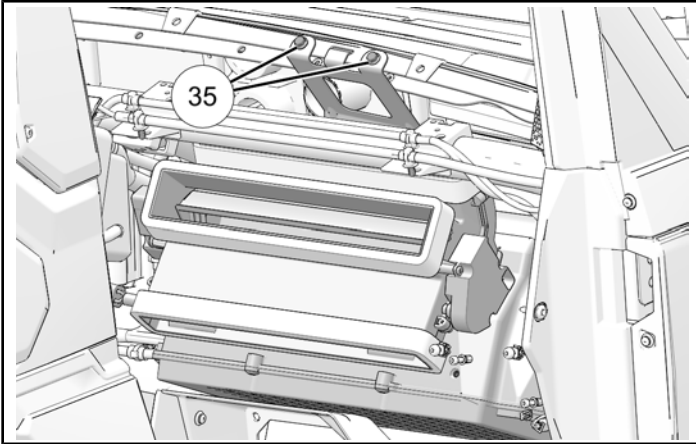
NOTICE

Make sure only material within the molded shape is removed. Removing excess material could effect heater mounting.

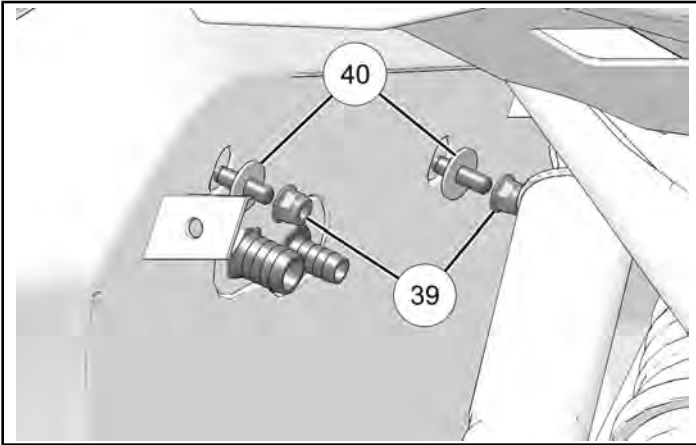


HEATER ASSEMBLY INSTALL

1. Put heater assembly in vehicle. Loosely attach at front of dash area using two screws 35.



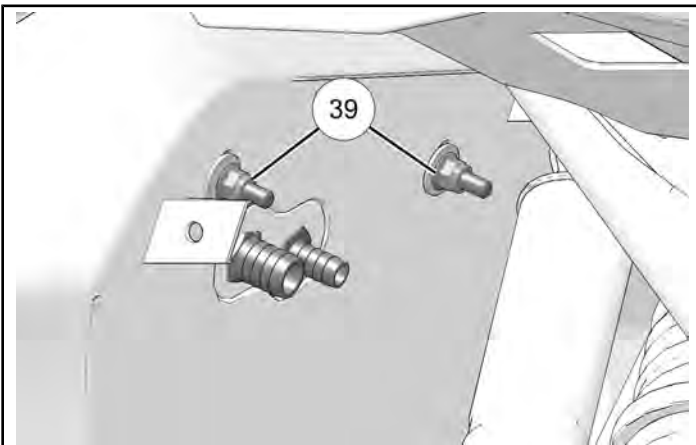
2. Install two mounting studs and inlet and outlet fittings in drilled holes. Loosely install two washers (40) and two nuts (39).



3. Make sure heater mounting studs and coolant inlet and outlet are centered in openings. Torque two nuts (39) to specification.

TORQUE

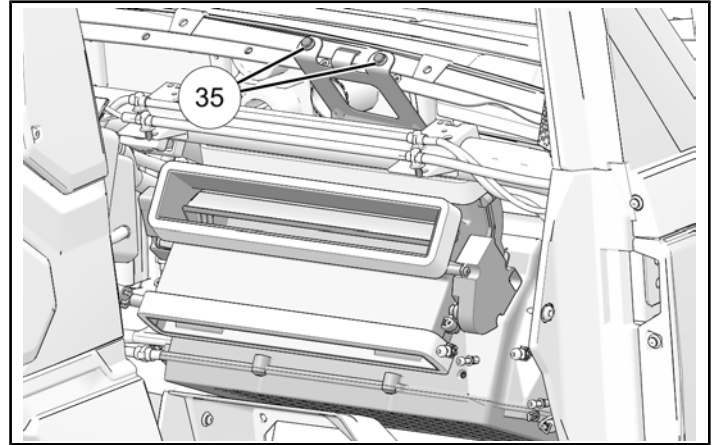
Nuts (39):
97 in-lbs (11 N·m)



4. Torque two screws (35) to specification.

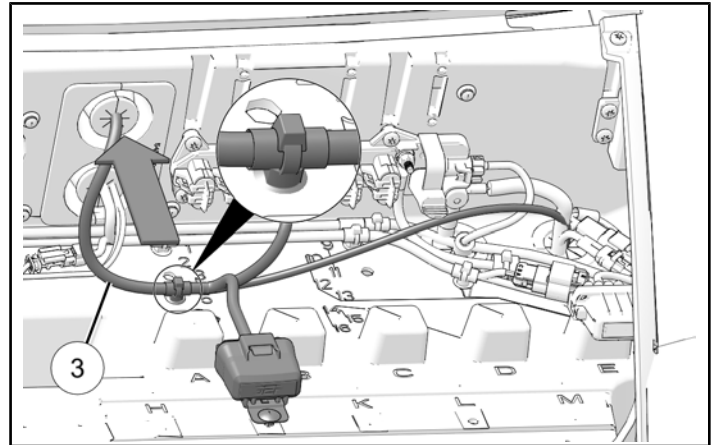
TORQUE

44 in-lbs (5 N·m)

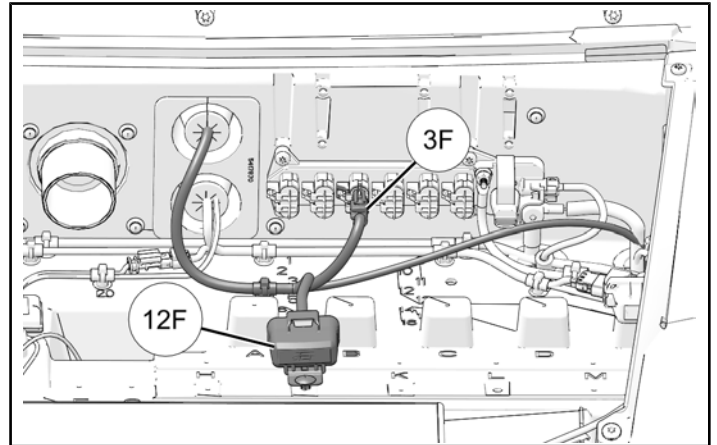


HARNES INSTALLATION

1. Install harness (3). Attach to vehicle in location 5 using push pin clip. Keep end with 12F at front of vehicle, route rest of harness through grommet into dash area of vehicle.



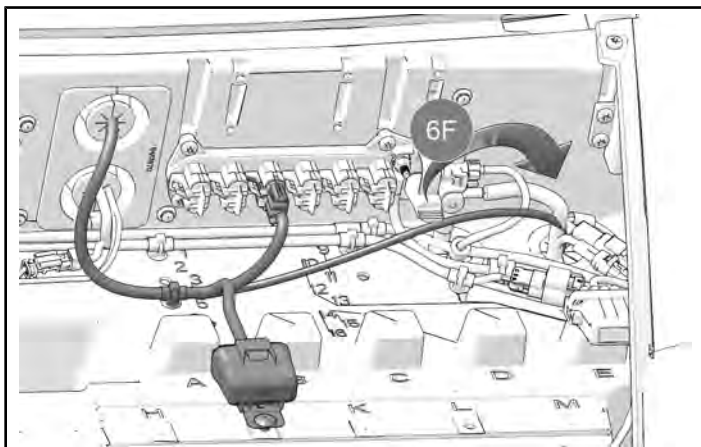
2. Connect 3F to PULSE® bar. Attach fuse block 12F in location I.



3. Route **6F** through outer grommet opening along existing wiring.

NOTICE

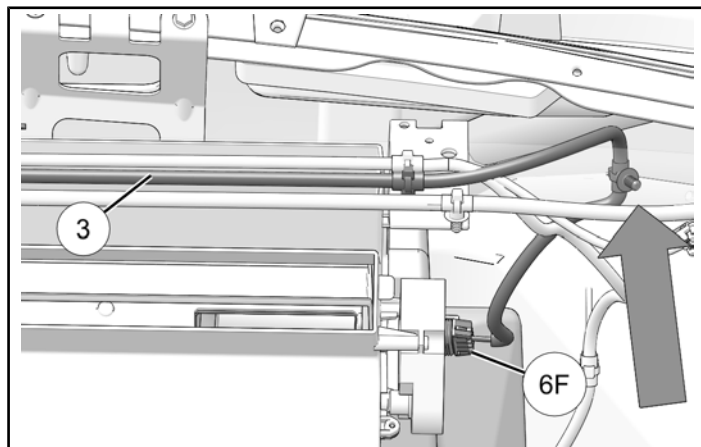
6F will be connected later.



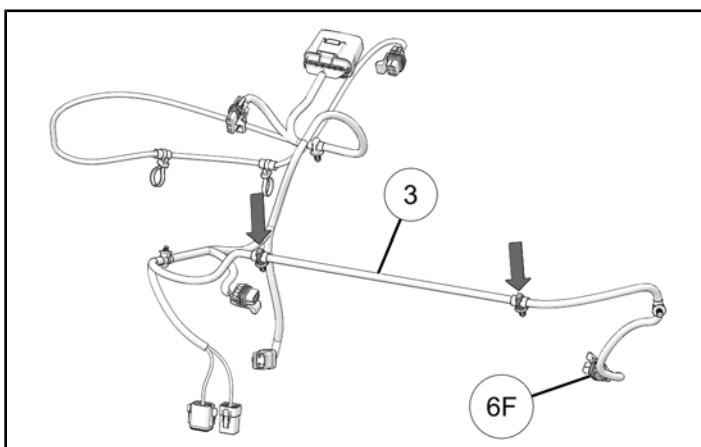
5. Make sure push pin clip is installed on front side of chassis tube.

NOTICE

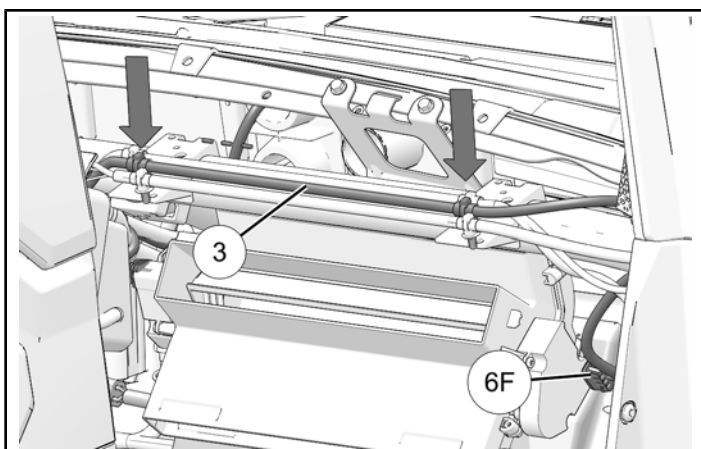
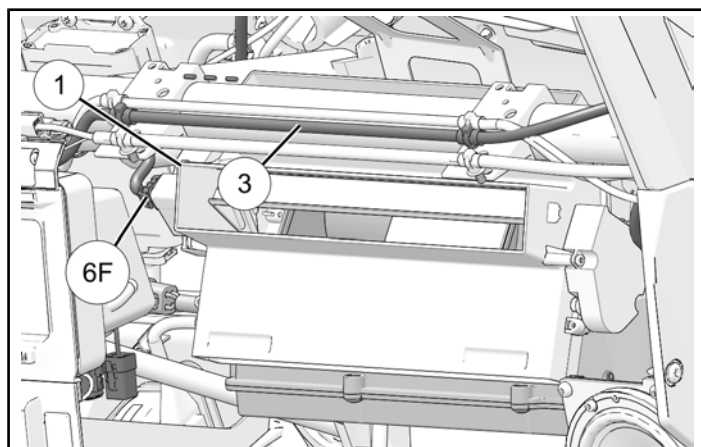
Chassis tube hidden for clarity.



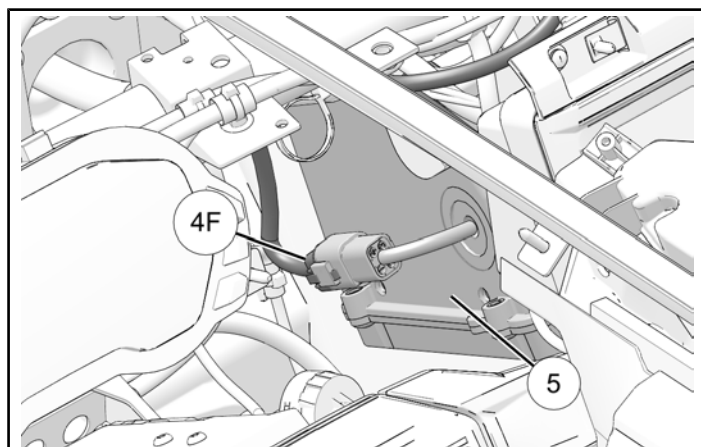
4. Attach harness ③ to dash brace using two push dart clips. Connect **6F** to fan actuator on right side of heater box.



6. Connect **6F** from harness ③ to heater mode control on left side of mode control assembly ①.



7. Connect **4F** to blower fan connection on main heater assembly ⑤.



HEATER DUCT INSTALLATION

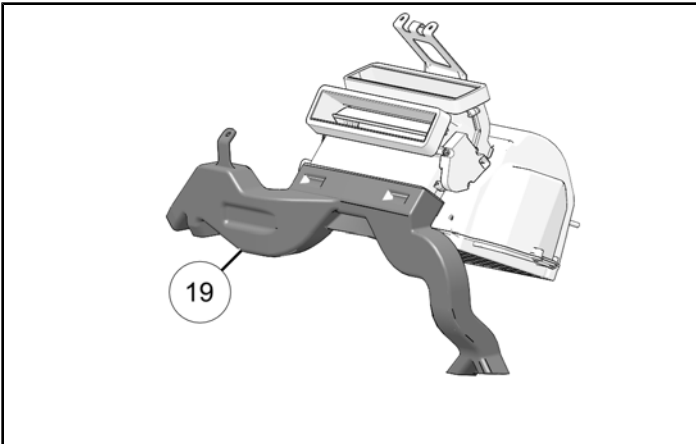
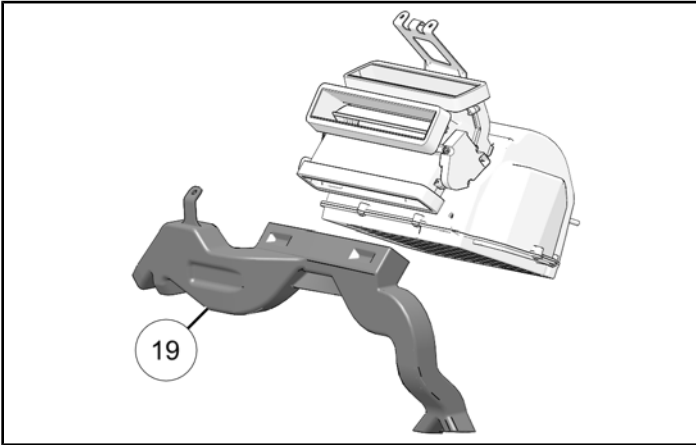
NOTICE

When installing heater ducts on heater outlets make sure tabs on heater ducts snap into place.

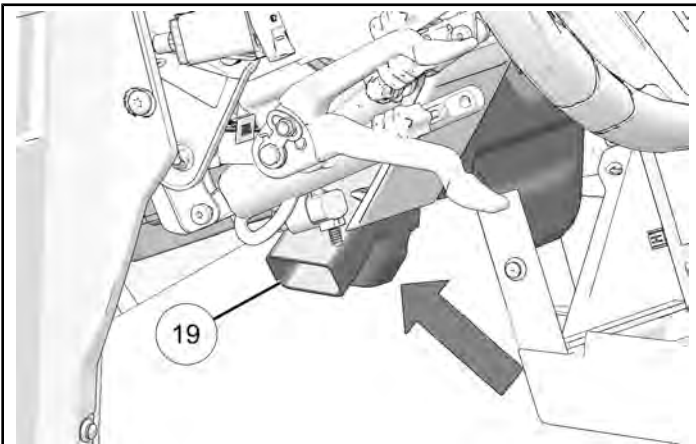
1. Install duct ⑱ on heater outlet.

TIP

Gently pull duct openings apart to fit heater outlets.



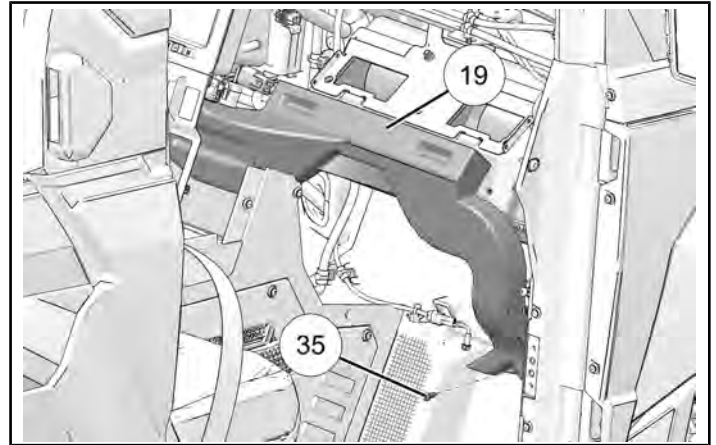
2. Make sure duct ⑱ fits in slotted area on left side.



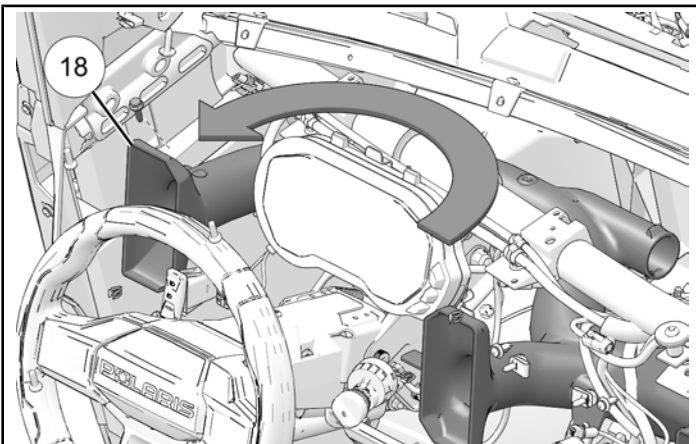
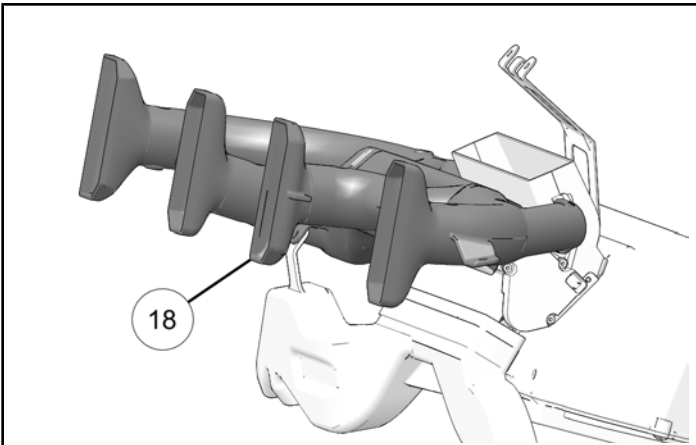
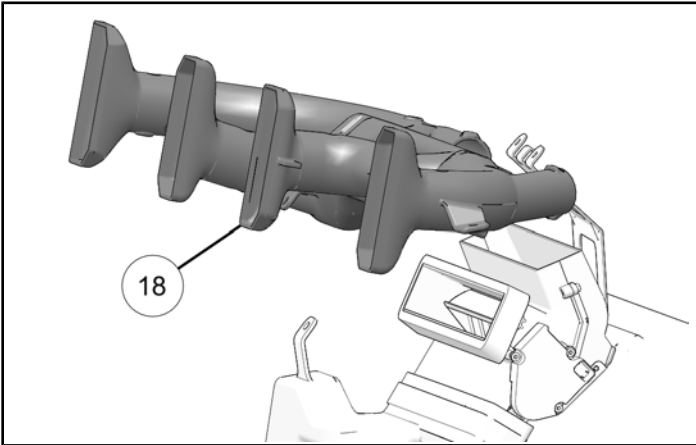
3. Attach duct ⑱ to vehicle using screw ⑳. Torque to specification.

TORQUE

Screw ⑳:
44 in-lbs (5 N·m)



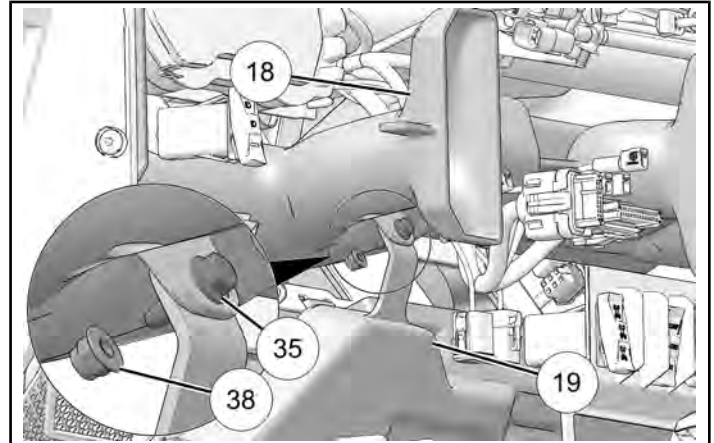
4. Install heater duct ⑱ on middle heater outlet.
Route left side duct around steering components.



5. Attach duct ⑱ to duct ⑲ using screw ⑳ and nut ㉔. Torque to specification.

TORQUE

Nut ㉔:
44 in-lbs (5 N·m)



6. Attach heater duct ⑱ at each end using two screws ㉕. Torque to specification.

NOTICE

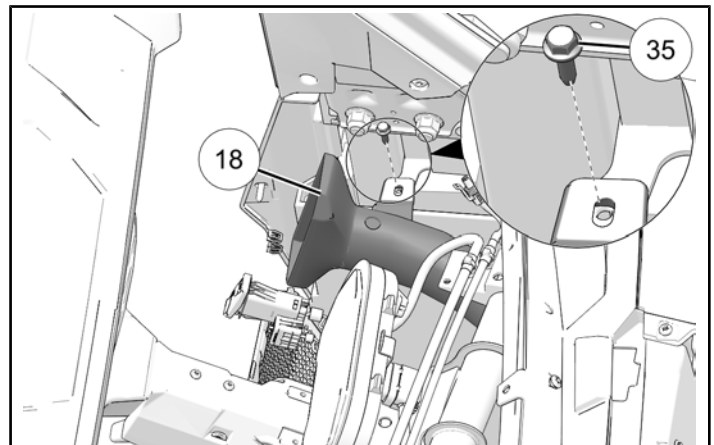
Left side shown; right side similar.

NOTICE

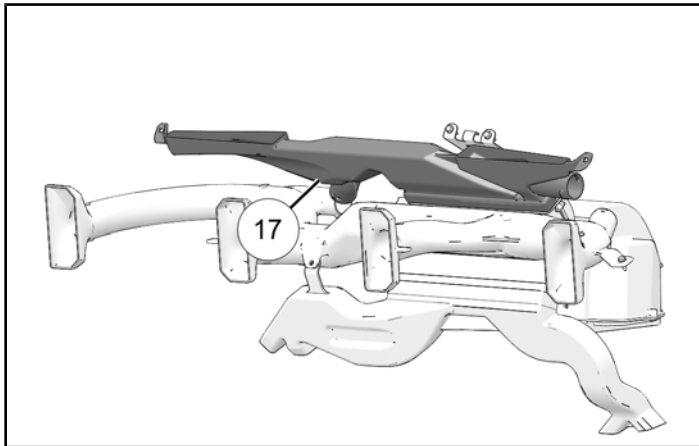
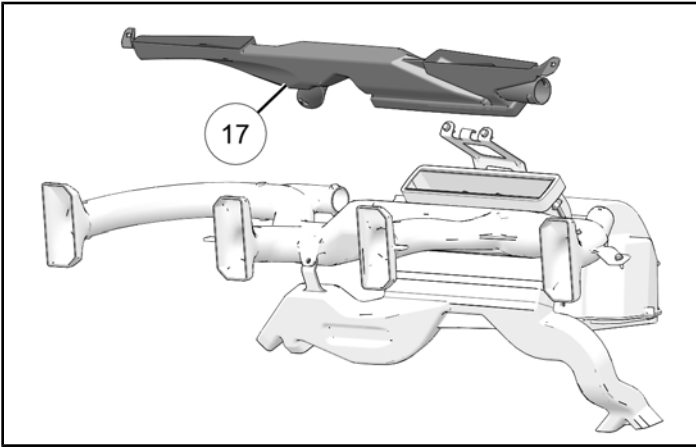
If foam is present, move foam to access mounting holes.

TORQUE

Screw ㉕:
44 in-lbs (5 N·m)



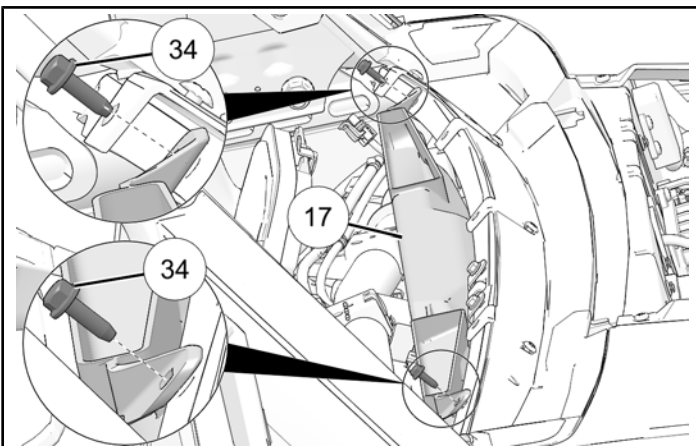
7. Install defrost duct ⑰ on heater outlet.



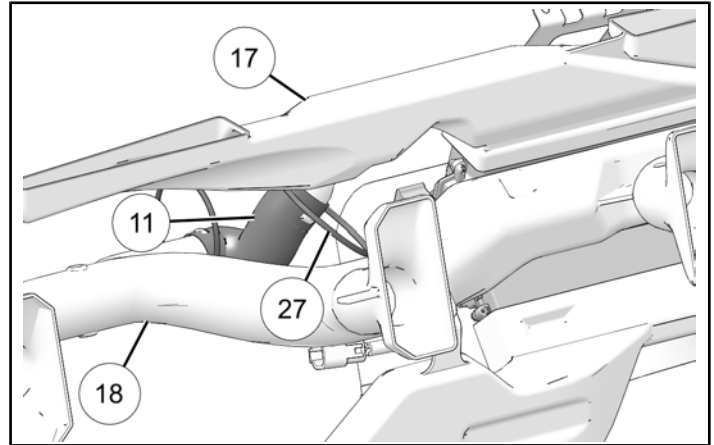
8. Attach defrost duct ⑰ to vehicle using screws ⑳.

TORQUE

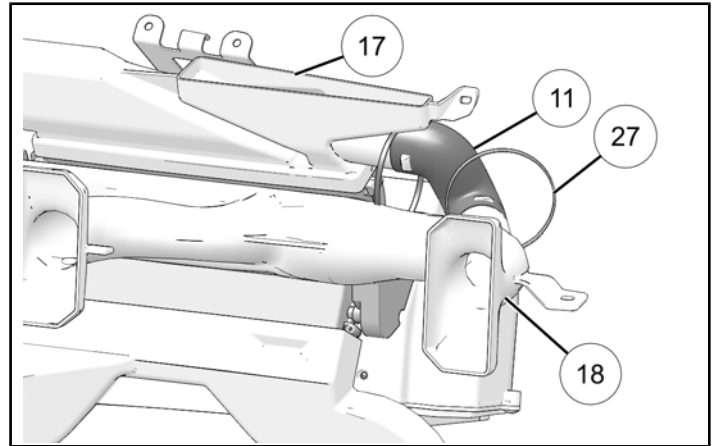
Screw ⑳:
17 in-lbs (2 N·m)



9. Install duct ⑪ connecting duct ⑰ and ⑱. Attach using two cable ties ㉓.



10. Install duct ⑪ connecting duct ⑰ and ⑱. Attach using two cable ties ㉓.

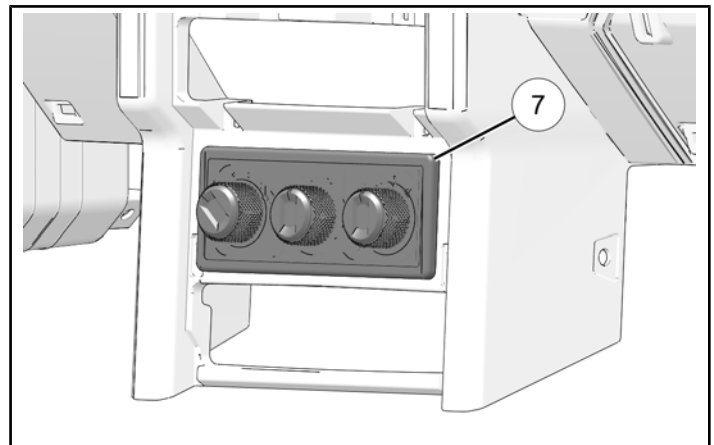


HEATER CONTROL INSTALL

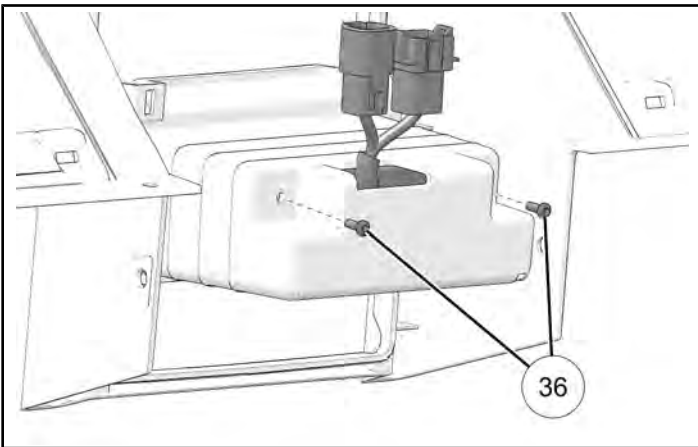
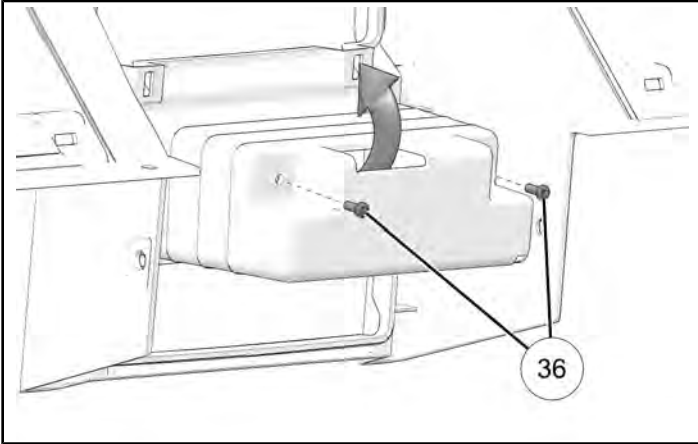
NOTICE

Front dash was removed from vehicle during Vehicle Preparation. After installing Heater Control ⑦, set front dash aside, it will be installed later.

1. Install heater control ⑦ in front dash storage area opening.

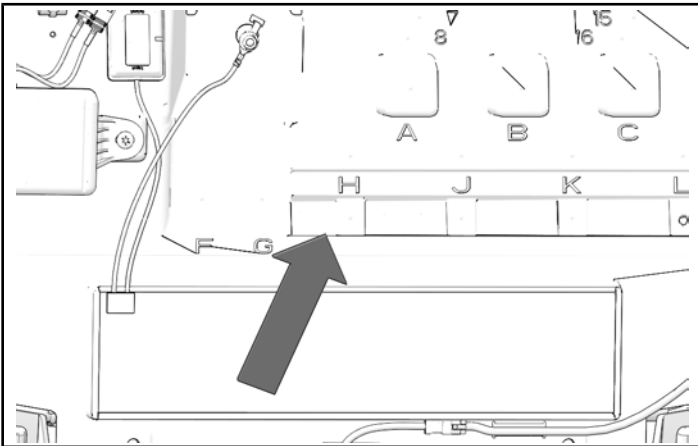


2. Attach heater control using two screws ③⑥. Make sure heater control wiring is routed through opening. Tighten screws until fully seated.



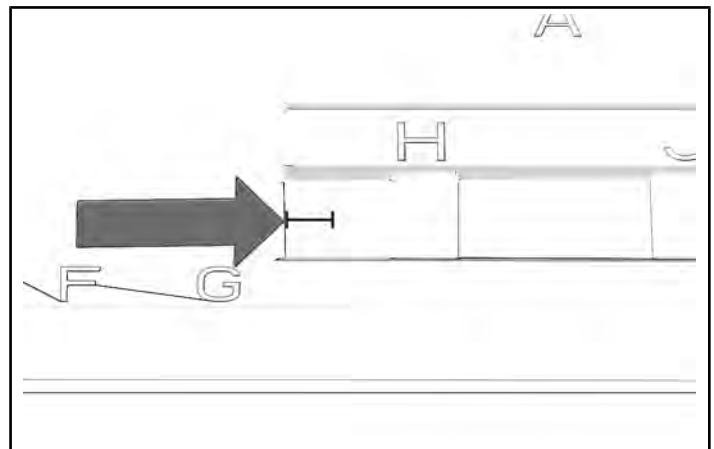
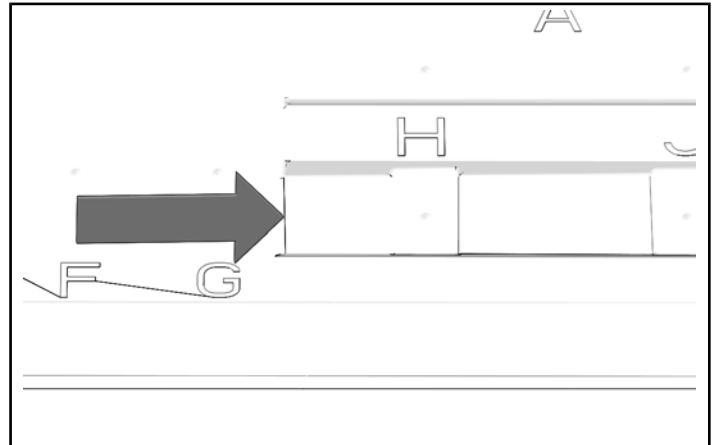
DRILL ACCESS PANEL

1. Locate H molded into front panel.



2. Measure in from edge of molded rib and mark panel.

MEASUREMENT
.25 in (6 mm)



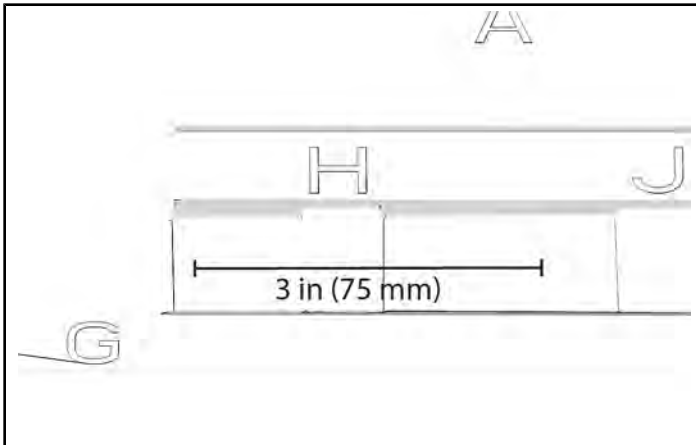
3. Measure and mark two holes. Use mark from step 2 as reference for measurement.

NOTICE

Make sure holes are centered in ribbed channel. Use molded dimples to find center line.

MEASUREMENT

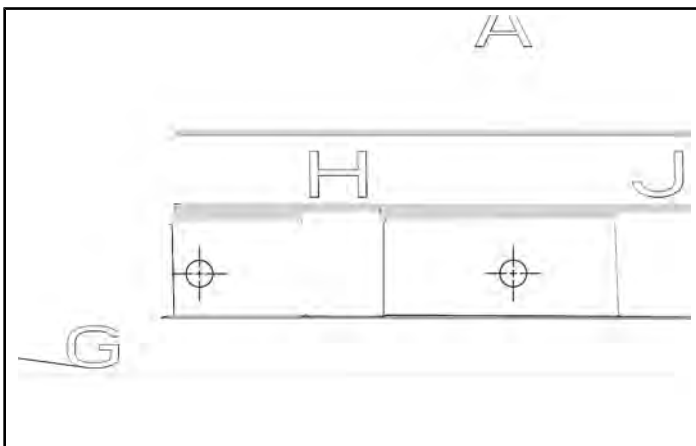
3 in (75 mm)



4. Drill two holes in marked location.

MEASUREMENT

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

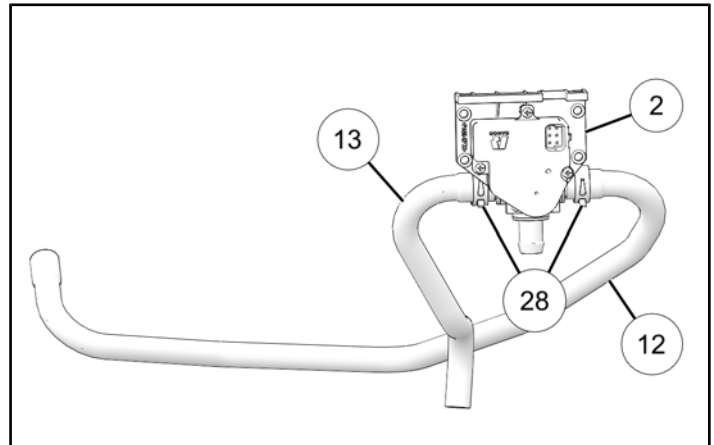


3-WAY VALVE ASSEMBLY

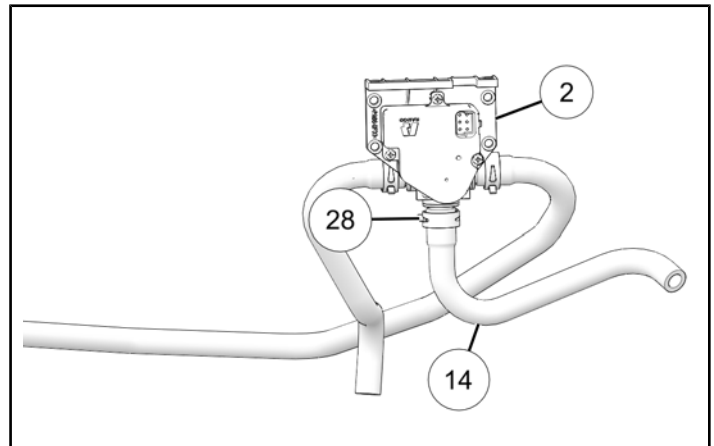
NOTICE

Hose assembly will require adjustment when installed in vehicle. Leave all hose clamps loose until installed in vehicle.

1. Install hoses ⑫ and ⑬ on 3-way valve ②. Attach using spring band clamps ⑳.



2. Install hose ⑭ on 3-way valve ②. Attach using spring band clamp ⑳.

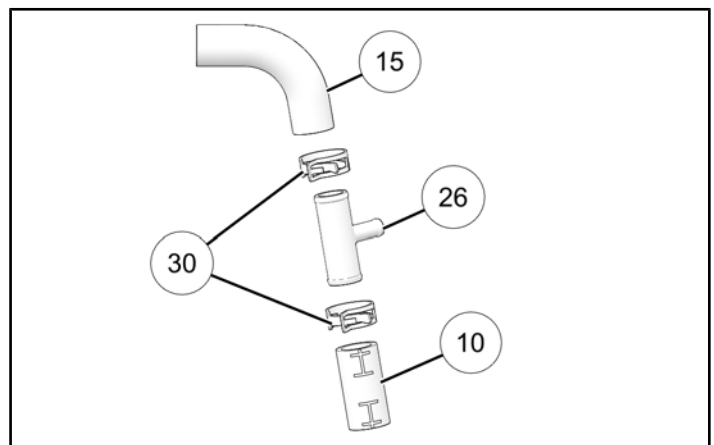


THERMOSTAT ASSEMBLY

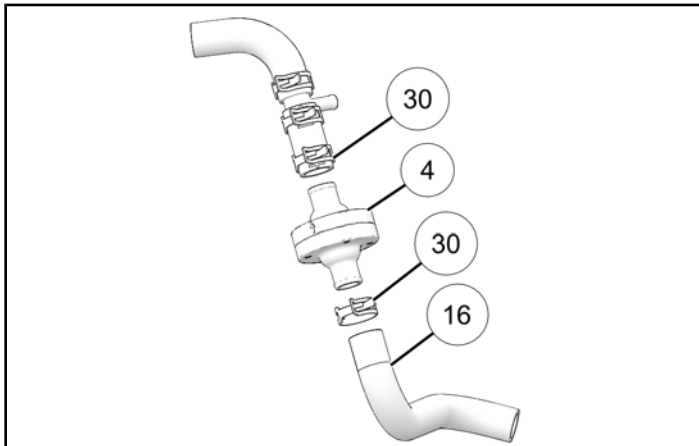
NOTICE

Hose assembly will require adjustment when installed in vehicle. Leave all hose clamps loose until installed in vehicle.

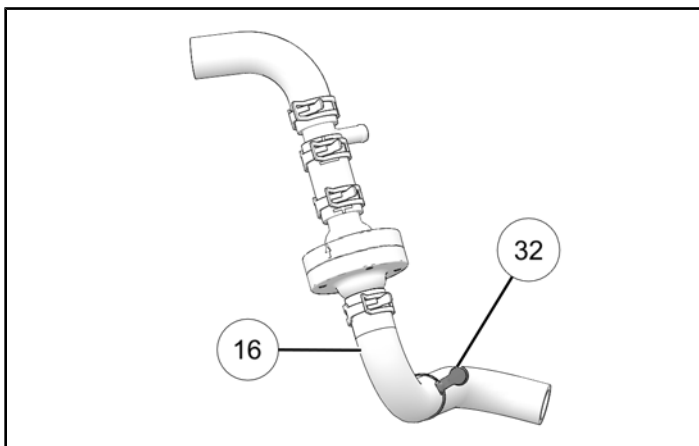
1. Assemble hose ⑮ and hose ⑩ to tee ⑳. Attach hoses using two spring band clamps ㉑.



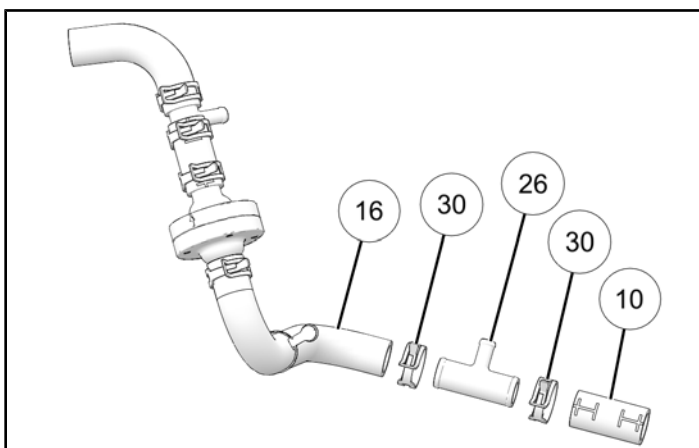
2. Install thermostat ④ onto hose assembly from step 1. Install hose ⑯ on thermostat ④. Attach using two spring band clamps ⑳.



3. Install edge clip ㉓ on hose ⑯. Do not tighten edge clip ㉓ at this time.



4. Install tee ㉖ on hose ⑯. Install hose ⑩ on tee ㉖. Attach using two spring band clamps ⑳.



HVAC ROUTING CLIP INSTALLATION

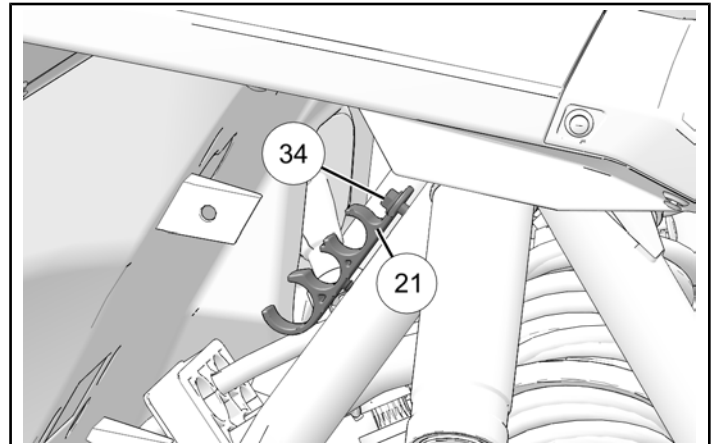
1. Install HVAC routing clip ㉑ to chassis using screw ㉔.

TIP

Screw ㉔ is self-threading. There will not be a threaded hole in installation location.

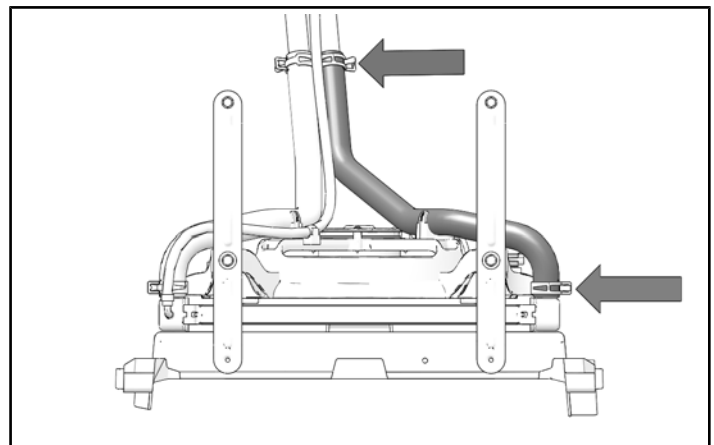
TORQUE

Screw ㉔:
17 in-lbs (2 N·m)

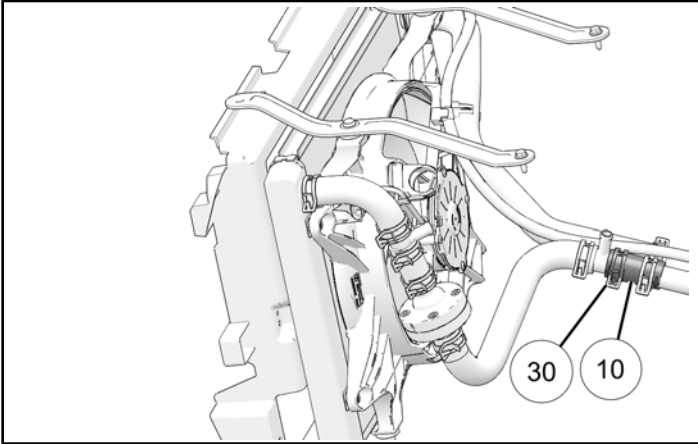


THERMOSTAT ASSEMBLY INSTALL

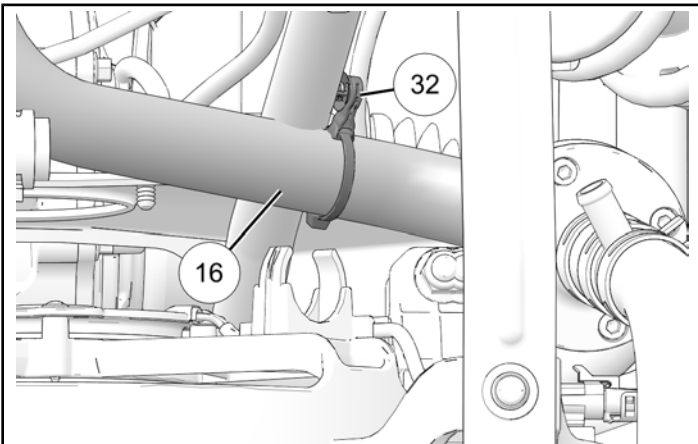
1. Remove and keep two spring band clamps. Remove and discard left hand radiator hose.



2. Install thermostat and hose assembly in place of left hand radiator hose. Attach to radiator and coolant tube using existing spring band clamps.



3. Attach hose ⑬ to chassis using edge clip ⑳. Tighten cable tie portion of ⑳ and trim excess.

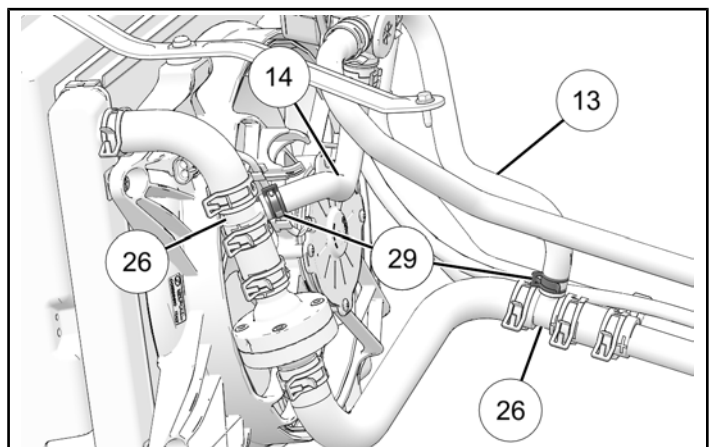
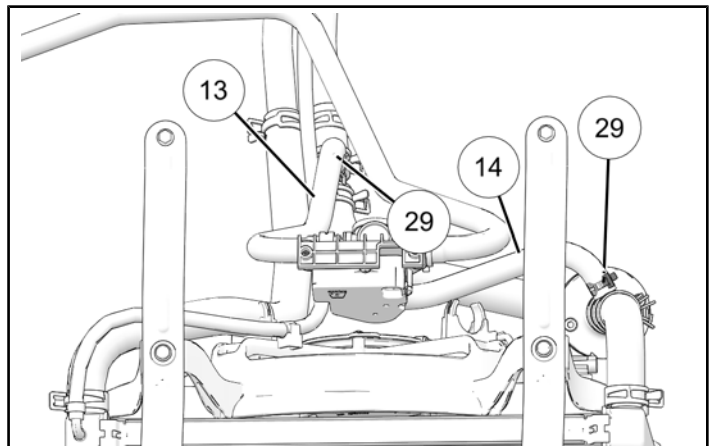
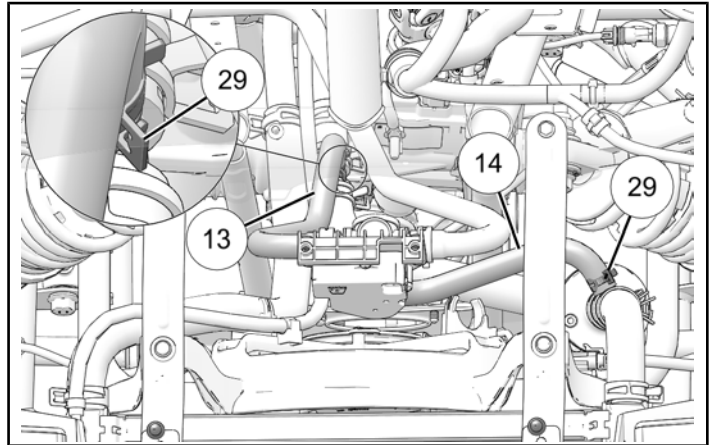


3-WAY VALVE ASSEMBLY INSTALL

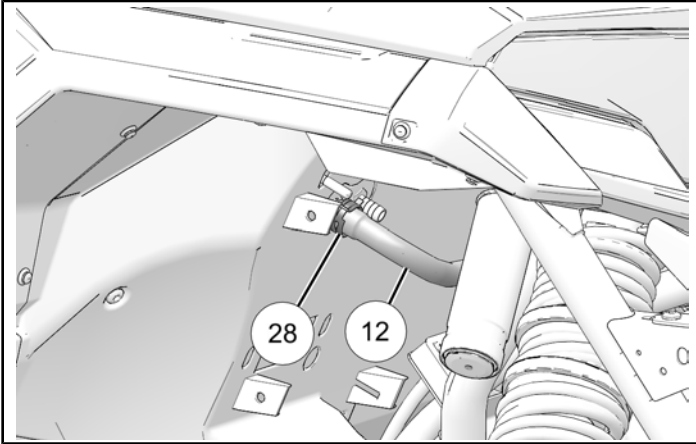
1. Put 3-way heater valve assembly in place. Attach hose ⑬ to lower tee ⑳ on left side radiator hose using spring band clamp ㉑. Attach hose ⑭ to upper tee ㉒ on left side radiator hose using spring band clamp ㉑.

NOTICE

Some parts hidden for clarity.



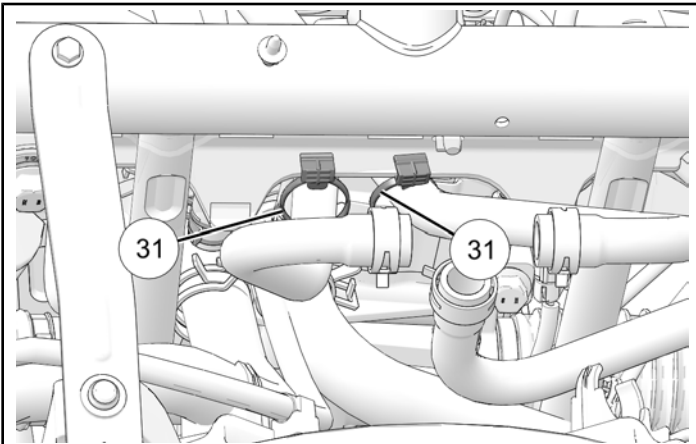
- Route hose ⑫ to front of close-off panel. Install hose ⑫ on outside heater fitting and attach using spring band clamp ⑳.



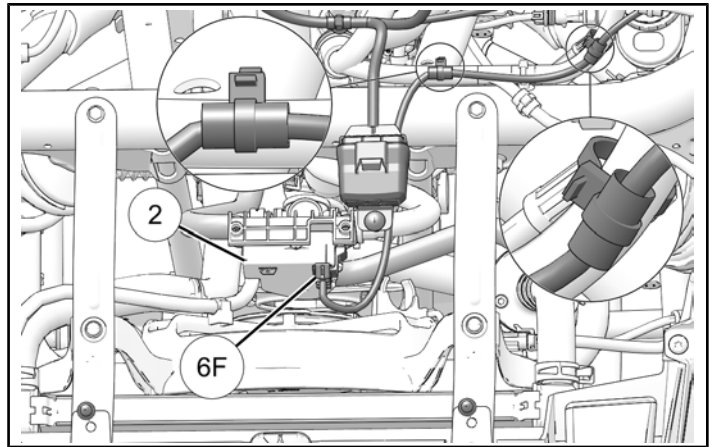
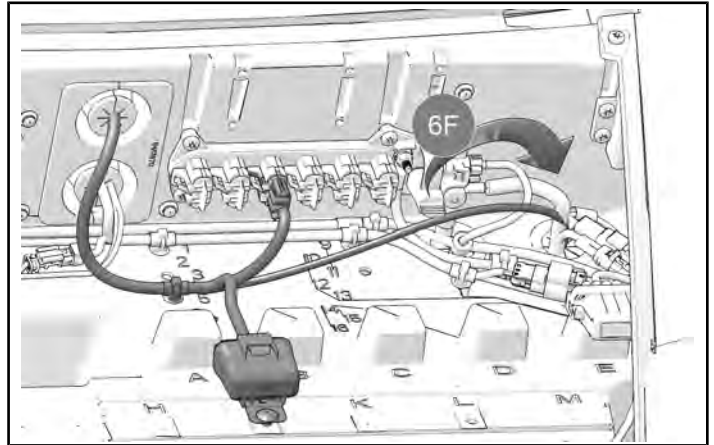
- Attach hoses to chassis using two edge clips ⑳. Tighten cable ties on edge clips ⑳ and trim excess.

NOTICE

3-way valve hidden for clarity.



- Route 6F down through grommet. Connect 6F to 3-way connector ②.

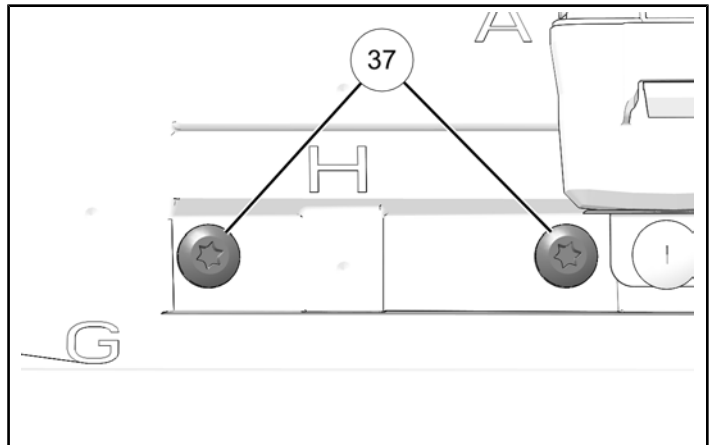


- Install 3-way valve on front underhood panel using two screws ⑳. Torque to specification.

TORQUE

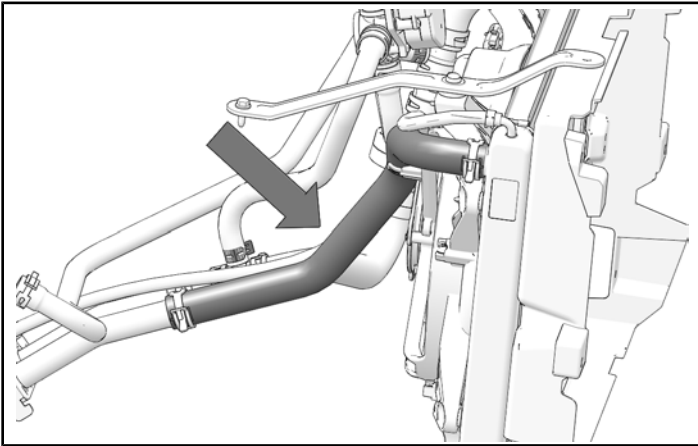
:

44 in-lbs (5 N·m)

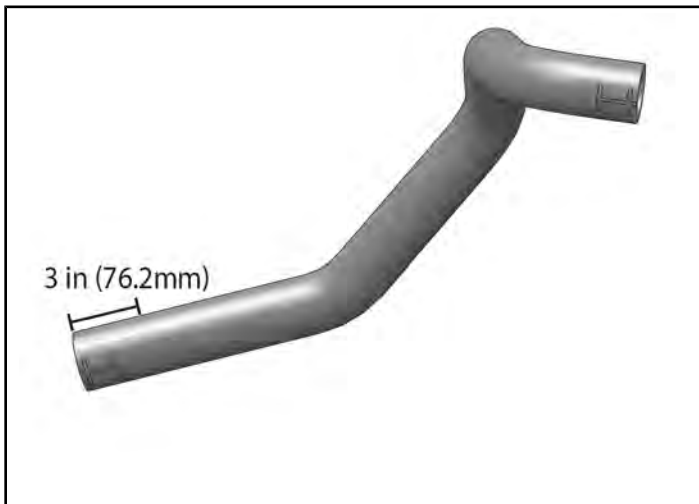


RIGHT SIDE RADIATOR HOSE ASSEMBLY

1. Remove right side radiator hose. Keep spring band clamps.



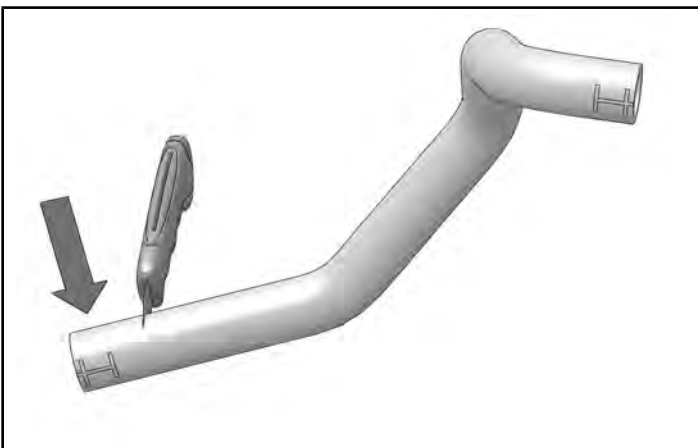
2. Measure three inches from end of hose.



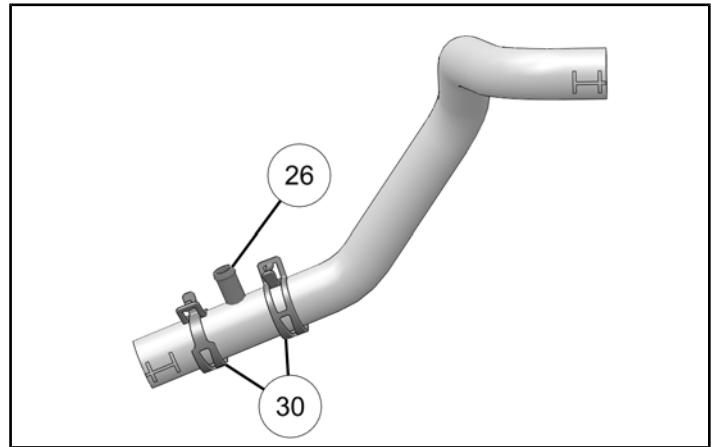
3. Cut three inches off end of hose. Keep both ends.

IMPORTANT

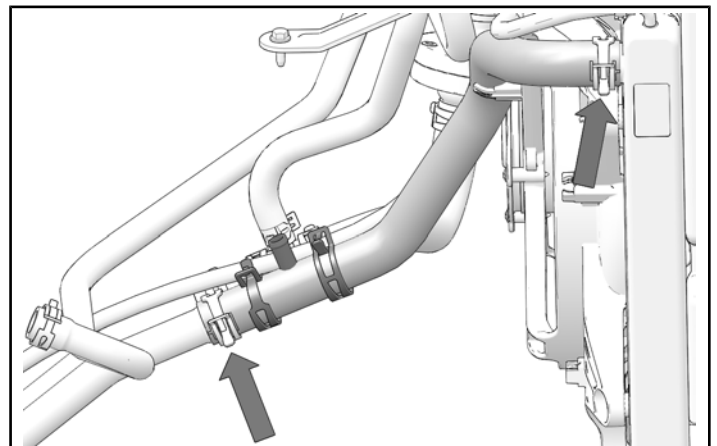
Make sure cut is straight and even around circumference of hose. Carefully trim any excess string.



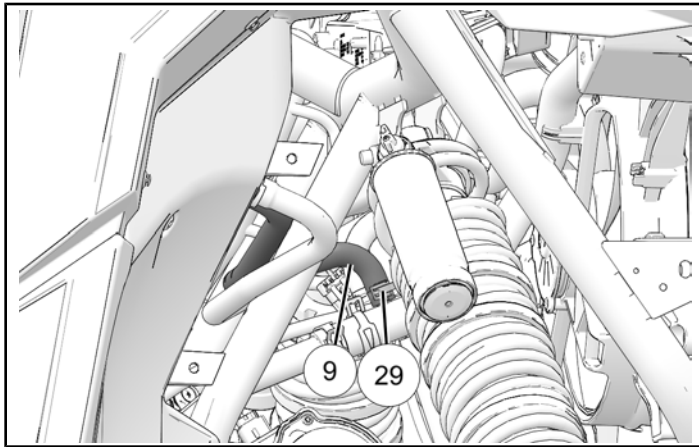
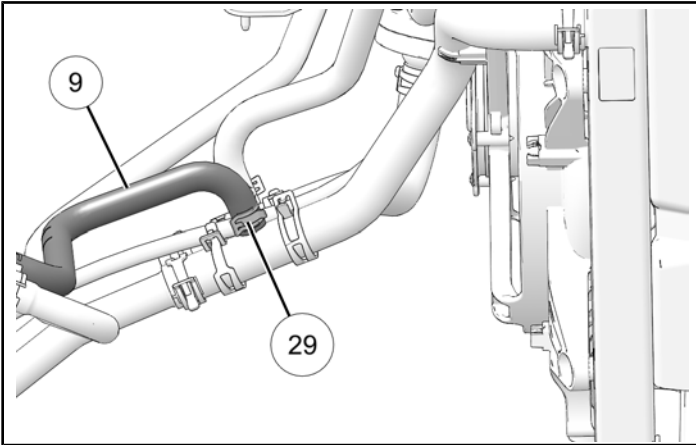
4. Install tee (26) where hose was cut. Attach using two spring band clamps (30).



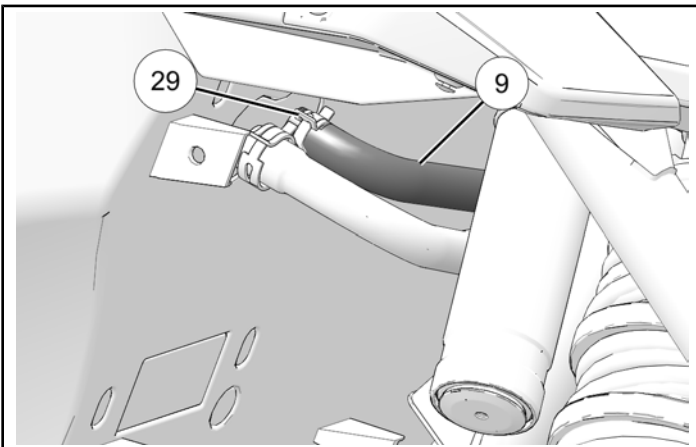
5. Install right side radiator hose using kept spring band clamps. Make sure tab on hose is engaged with locating tab on radiator.



6. Install hose ⑨ on tee. Attach using spring band clamp ⑳.



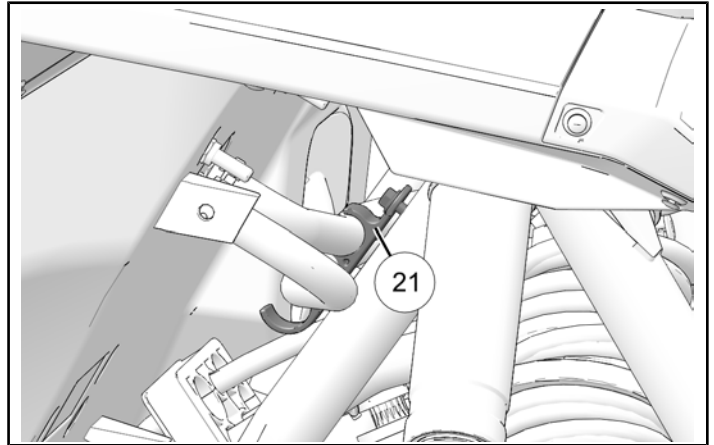
7. Install hose ⑨ on left side heater connection. Attach using spring band clamp ⑳.



8. Make sure hoses are attached to routing clip ㉑.

TIP

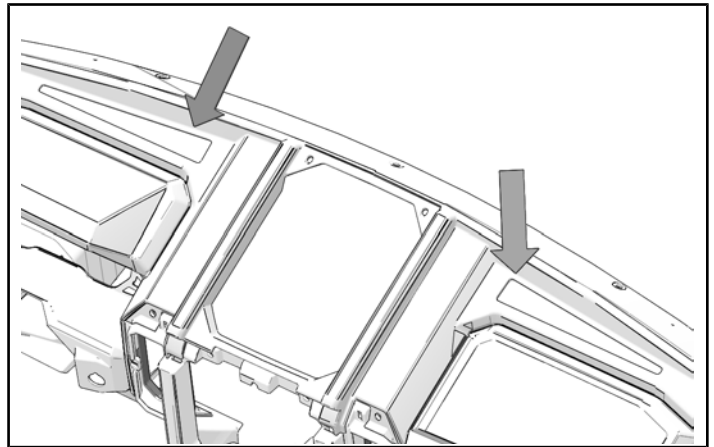
Attach inner hose in upper location on routing clip, attach outer hose in lower location.



9. Make sure all clamps are installed and positioned correctly.

VENT GASKET INSTALLATION

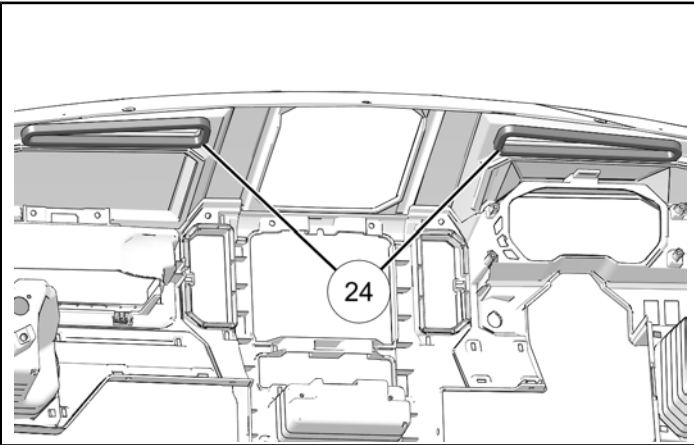
1. Find molded defrost vent opening lines on underside of dash. Cut out defrost vent openings in dash. Do not cut outside molded lines.



2. Install two gaskets ②④ around defrost air duct outlets. Trim material to fit defrost opening.

TIP

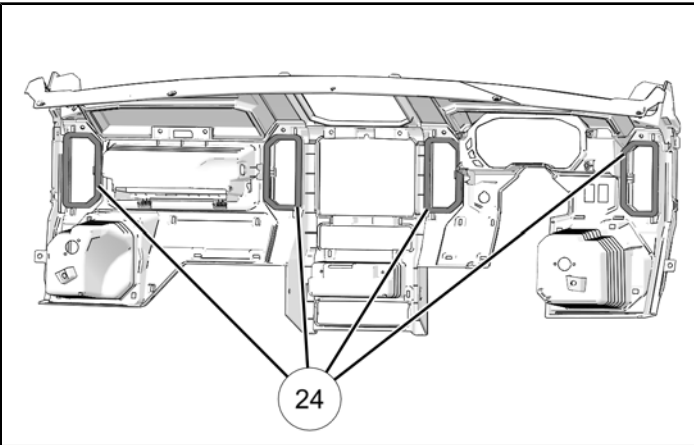
Gaskets install on outside edges of molded lines.



3. Install four gaskets ②④ on panel air duct outlets. Make sure gasket fits in channel around outside of vent opening.

TIP

Match gasket shape to vent opening shape.



VEHICLE REASSEMBLY

INSTALL DASHBOARD AND HEATER CONTROL

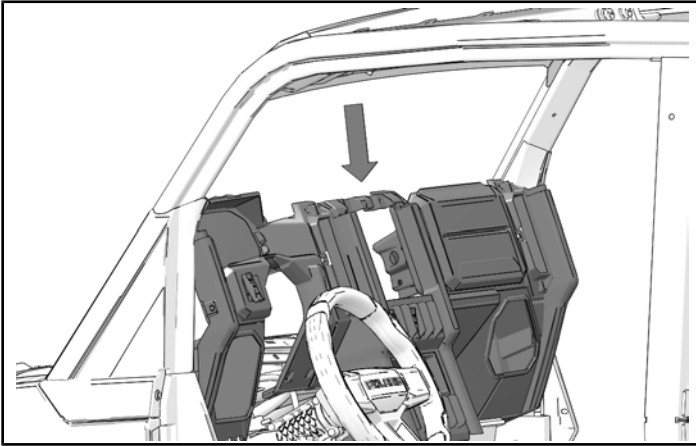
NOTICE

Doors hidden for clarity.

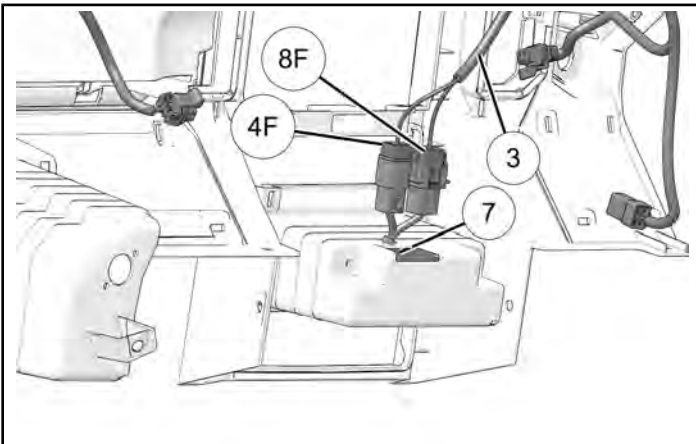
1. Install dashboard in vehicle.

NOTICE

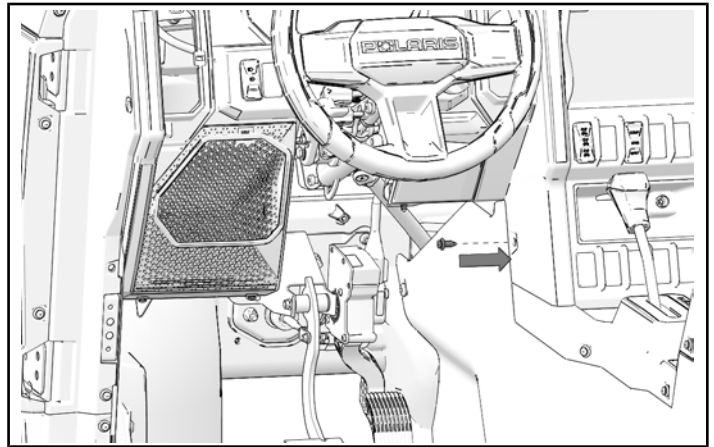
Make sure to connect electronic components (switches, speakers, etc.) as dashboard is installed.



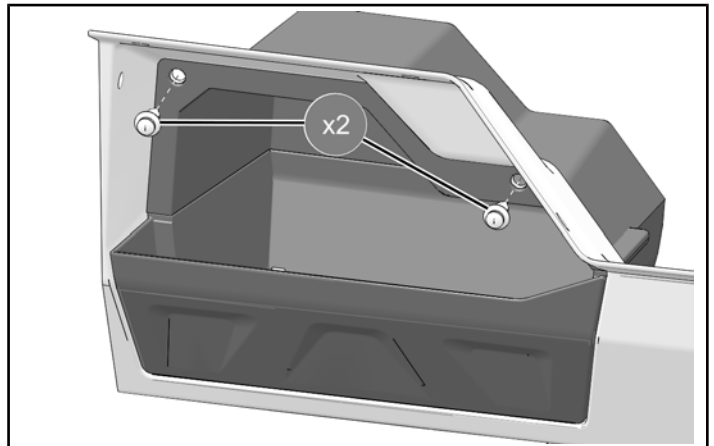
2. Connect heater control ⑦ to harness ③ connections 4F and 8F.



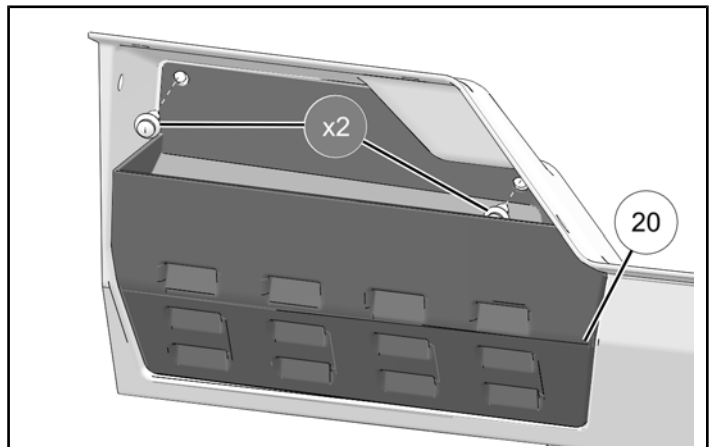
3. Install push-pin rivet at bottom of dashboard in front of drivers seat.



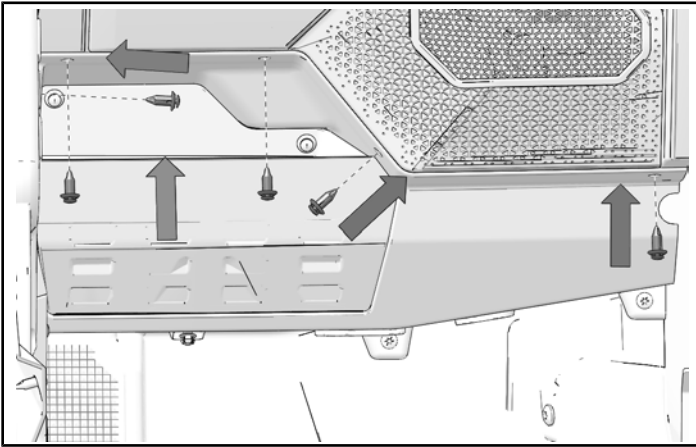
4. Remove and keep two push pin rivets from passenger side storage bin. Remove storage bin from passenger side lower dash panel.



5. Put tabs on bottom of storage ⑳ in slots and move into place. Attach storage ⑳ using two kept push pin rivets.



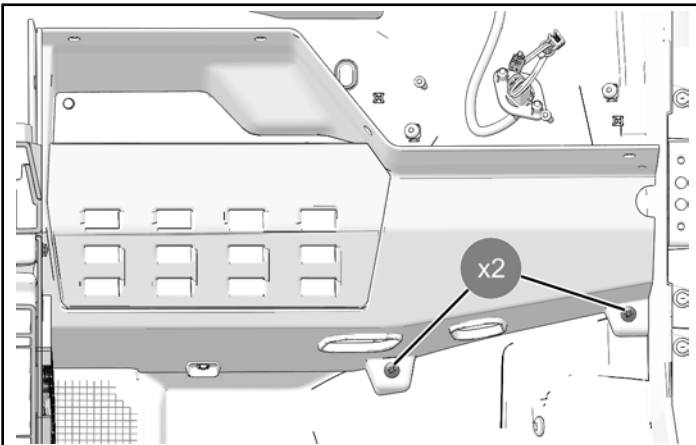
6. Install five push-pin rivets at bottom of dashboard in front of passenger seat.



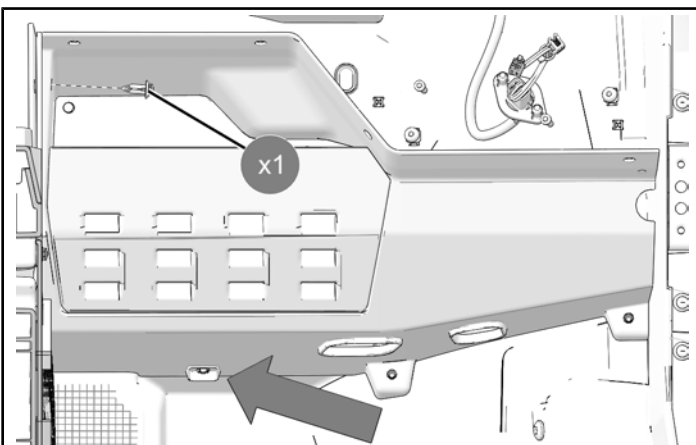
7. Install two screws. Torque to specification.

TORQUE

Screws :
26.5 in-lbs (3 N·m)



8. Install push pin rivet. Connect scene light.



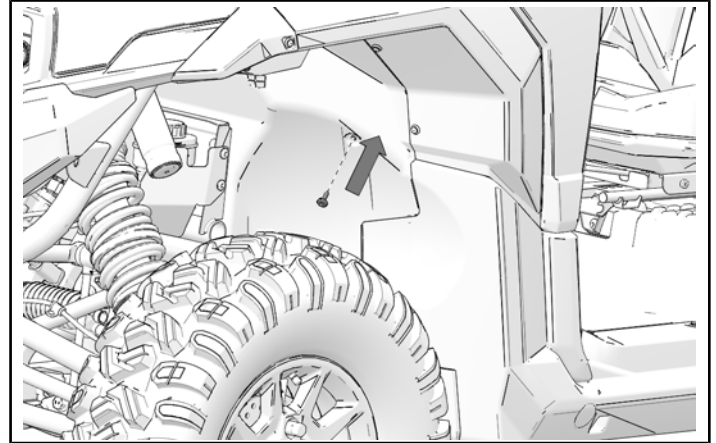
9. Install one screw in each front wheel well. Torque to specification.

NOTICE

Left side shown; right side similar.

TORQUE

Screws :
26.5 in-lbs (3 N·m)



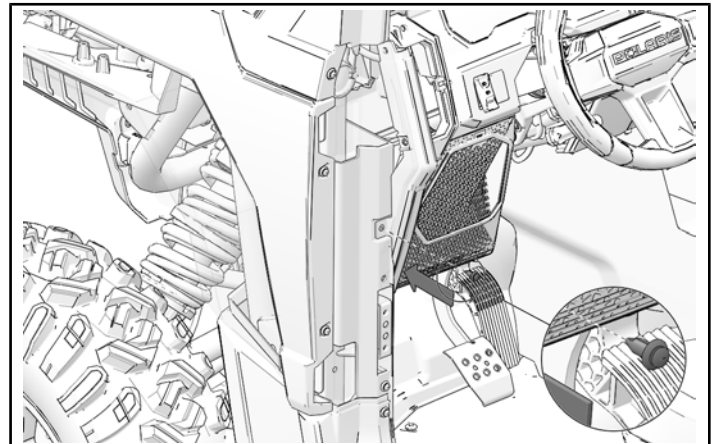
10. Carefully pull trim away from vehicle and install one push-pin rivet in side of dashboard.

NOTICE

Left side shown; right side similar.

NOTICE

Trim hidden for clarity.



11. Install screw and push-pin rivet in left side door frame. Torque to specification.

NOTICE

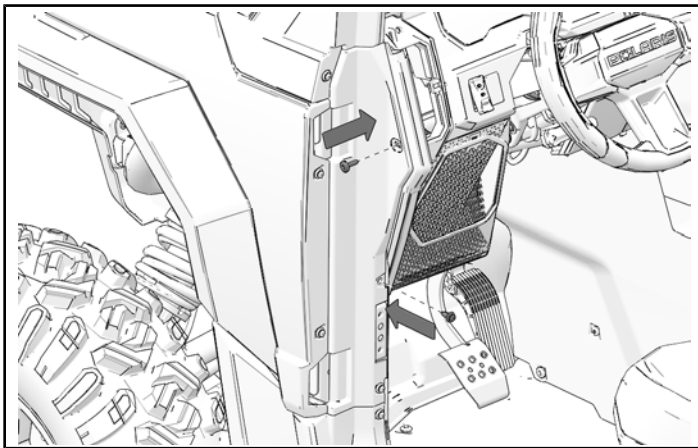
Left side shown; right side similar.

NOTICE

Doors will need to be fully open to access and install these fasteners.

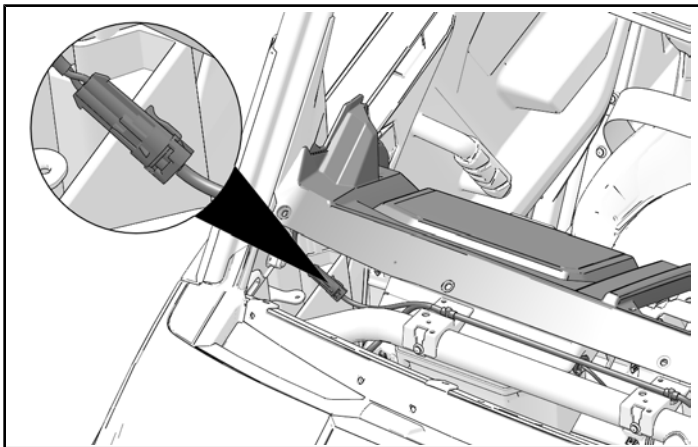
TORQUE

Screws :
26.5 in-lbs (3 N·m)



INSTALL DASH COVER AND HEATER VENTS

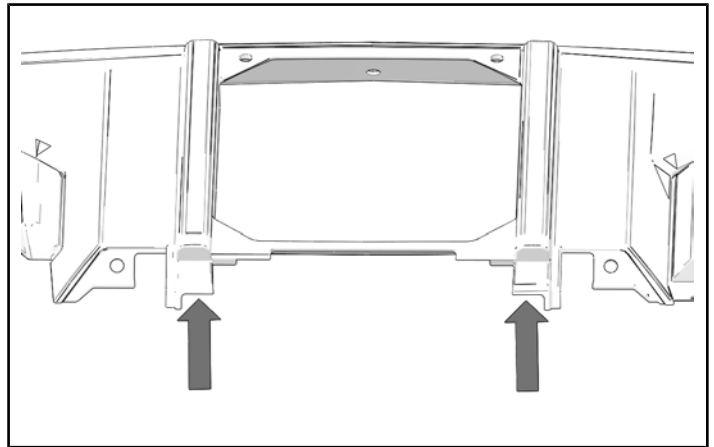
1. Connect speaker wires (if equipped).



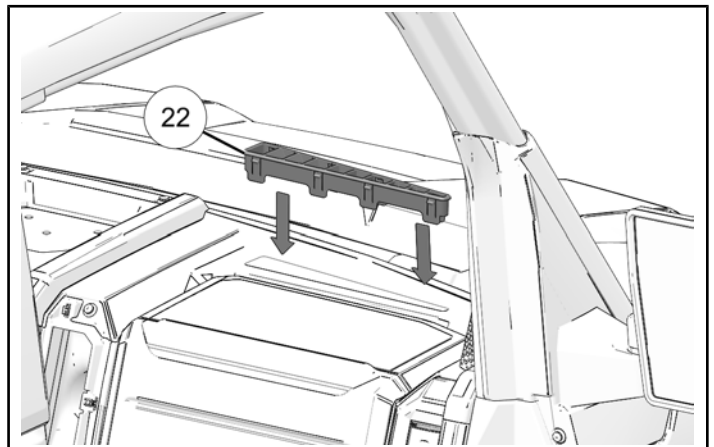
2. Put front of dash cover in position and set into place. Make sure center of dash is placed in slots on vehicle.

TIP

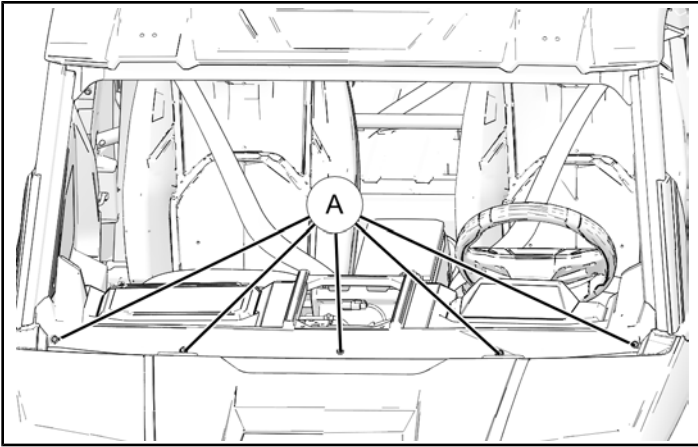
If head unit/storage bin was not removed, make sure these tabs are inserted behind the head unit trim.



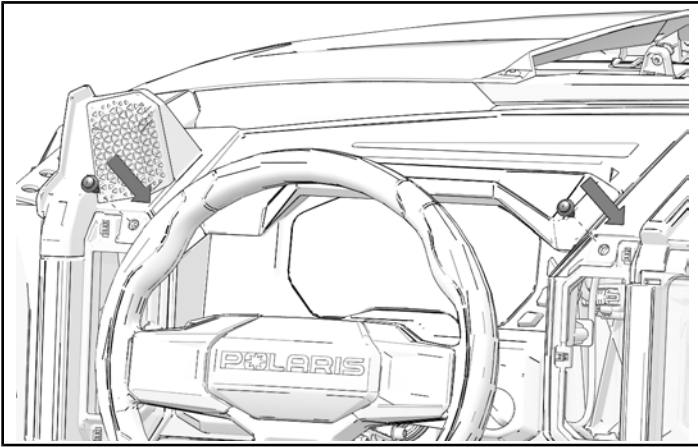
3. Install two defrost vents ②.



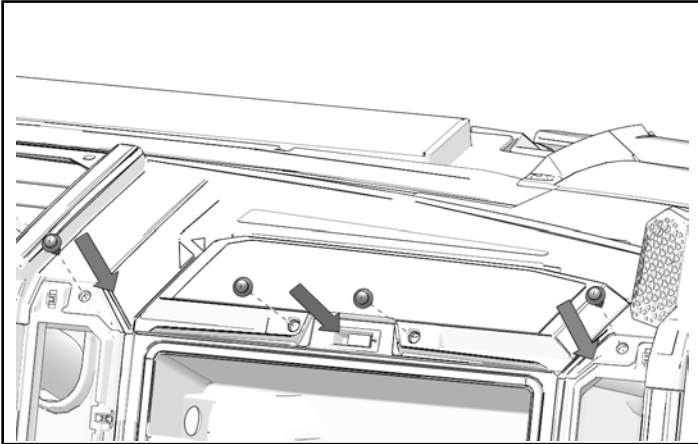
4. Install five push pin rivets ①.



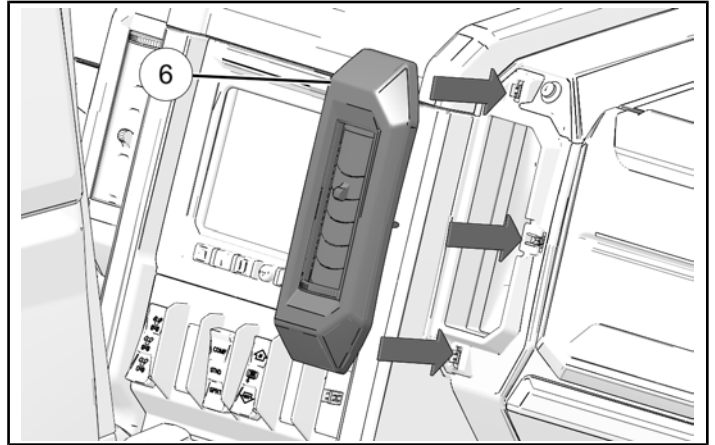
5. Install two push pin rivets on driver side of dash cover.



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



7. Install four panel vents ⑥. Push evenly at top and bottom to install.



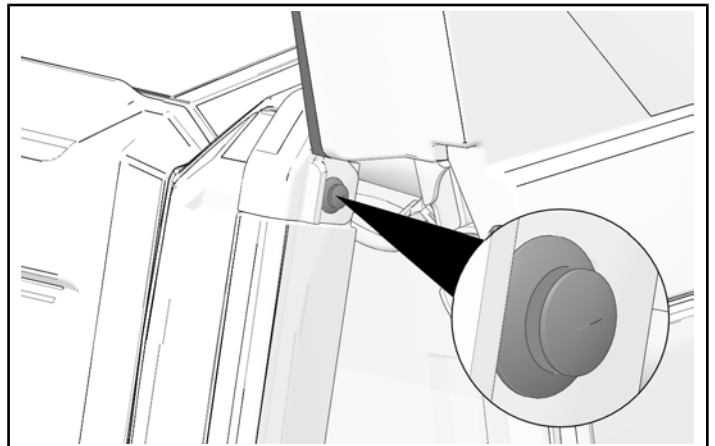
8. Install one push pin rivet at each side of dash.

NOTICE

A-pillar trim hidden for clarity.

NOTICE

Right side shown; left side similar.



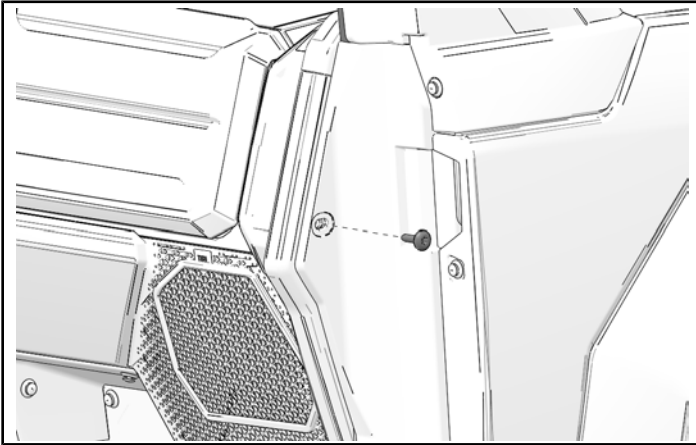
9. Install one screw at each side of dash. Torque to specification.

NOTICE

Right side shown; left side similar.

TORQUE

Dash Screws:
26.5 in-lbs (3 N·m)

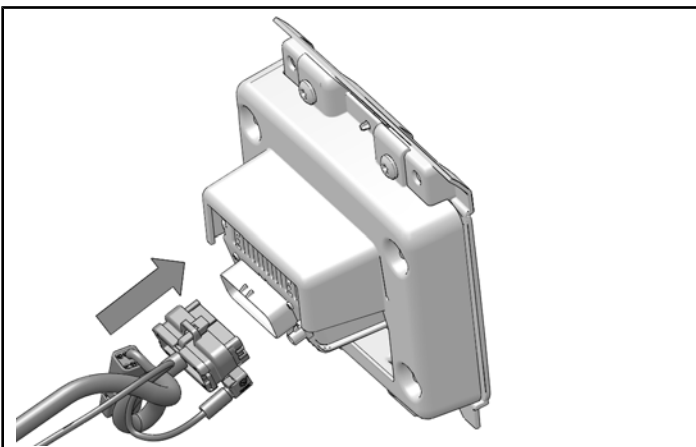


HEAD UNIT INSTALLATION

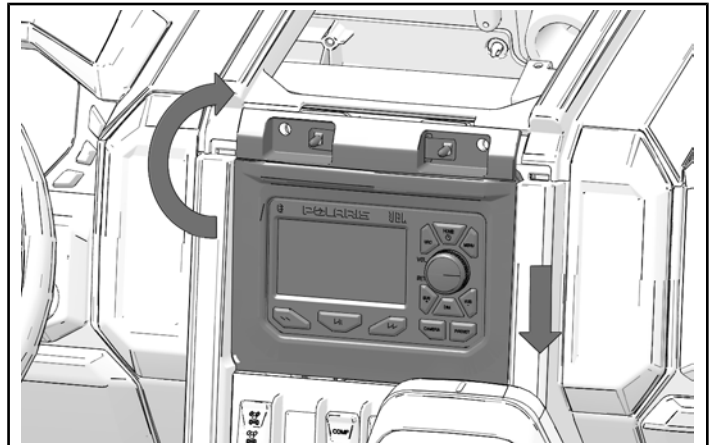
NOTICE

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

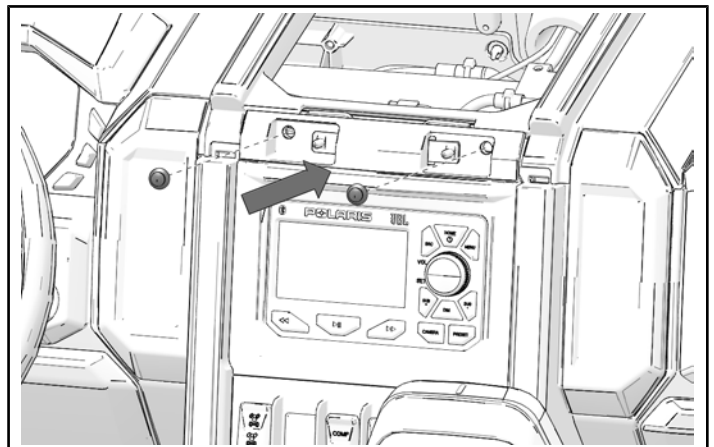
1. Attach wiring harness and antenna to head unit.



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

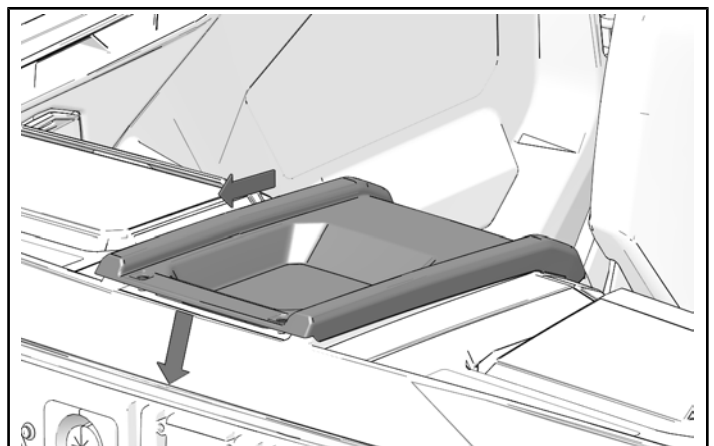


3. Install two push-pin rivets into top of head unit.

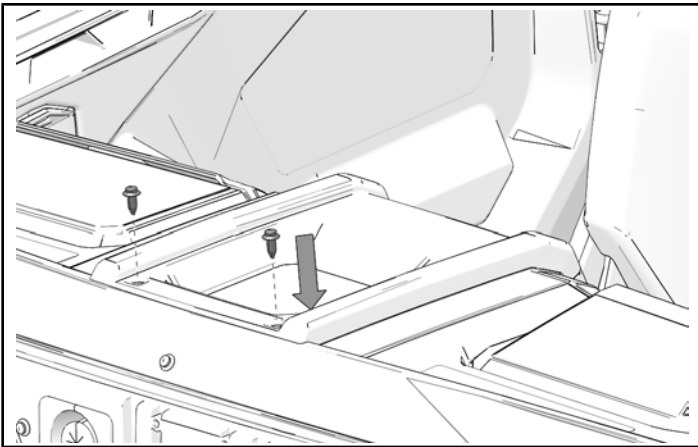


CENTER DASH PANEL INSTALLATION

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



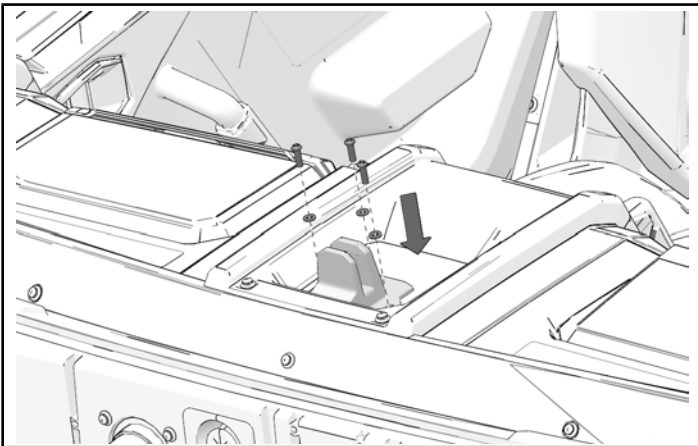
2. Install two push-pin rivets.



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

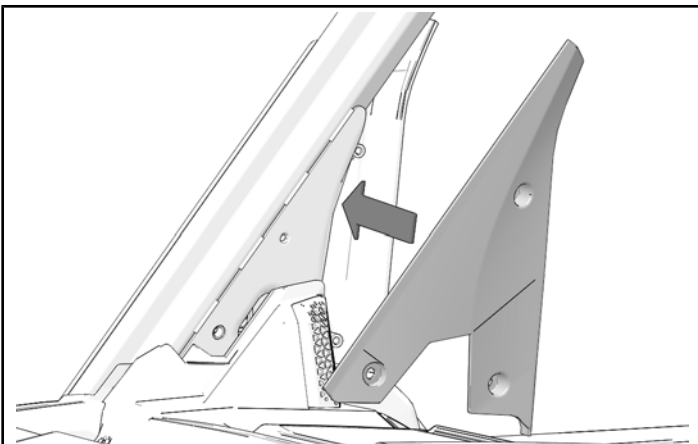
TORQUE

Base Screws:
89 in-lbs (10 N·m)



INSTALL LOWER A-PILLAR TRIM

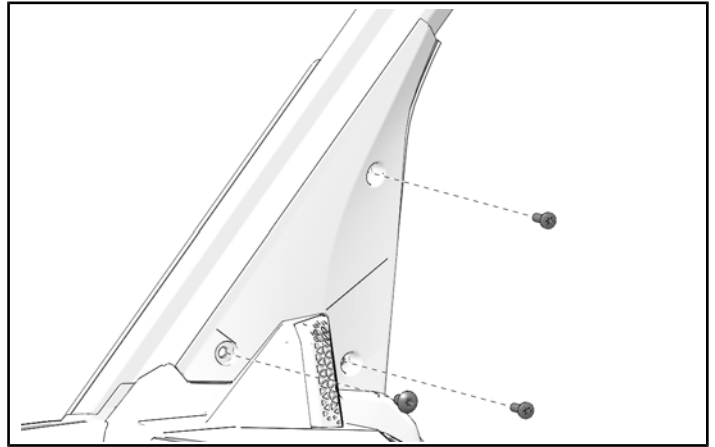
1. Put lower A-pillar trim in position at base of A-pillar.



2. Install three screws. Torque to specification.

TORQUE

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

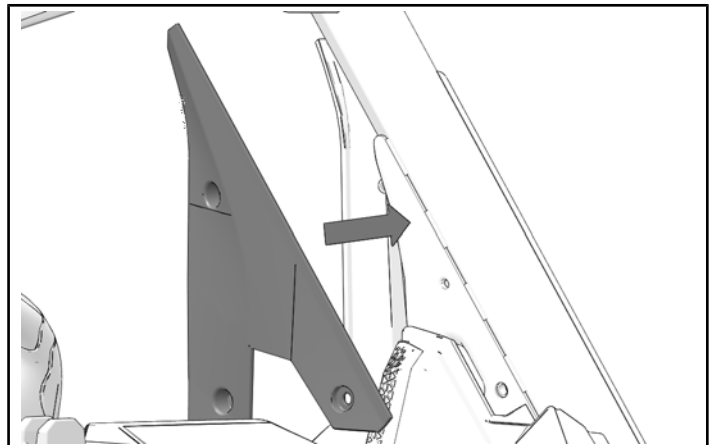


VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

NOTICE

Left side shown; right side similar.

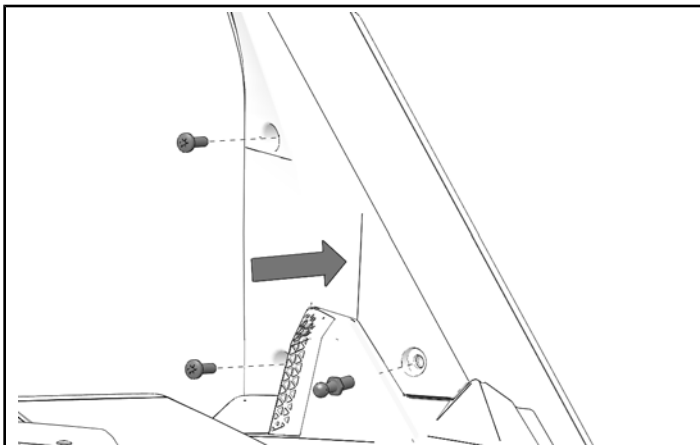
1. Put lower A-pillar trim in position at base of A-pillar.



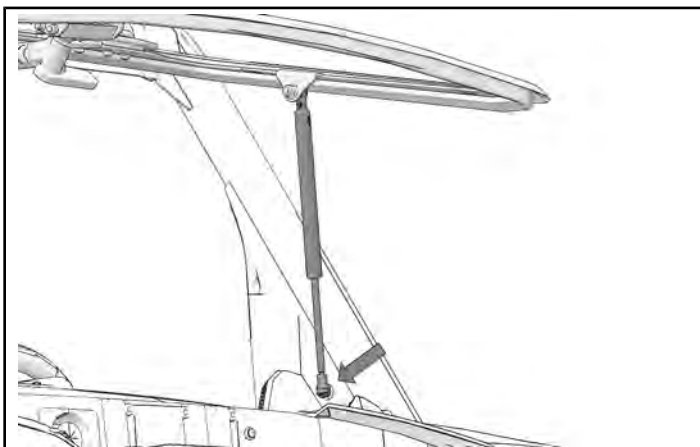
2. Install two screws and ball stud. Torque to specification.

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.

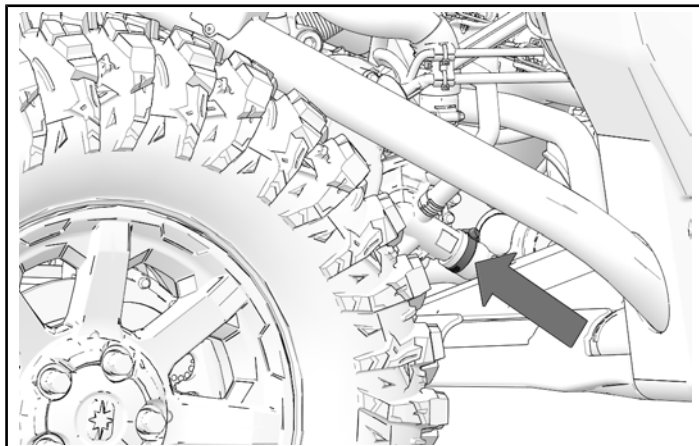
COOLANT FILL

⚠ CAUTION

Be sure the engine has cooled and no pressure is built up in the cooling system before removing the pressure cap. The coolant may be hot and could cause severe injury or burns.

XP MODELS

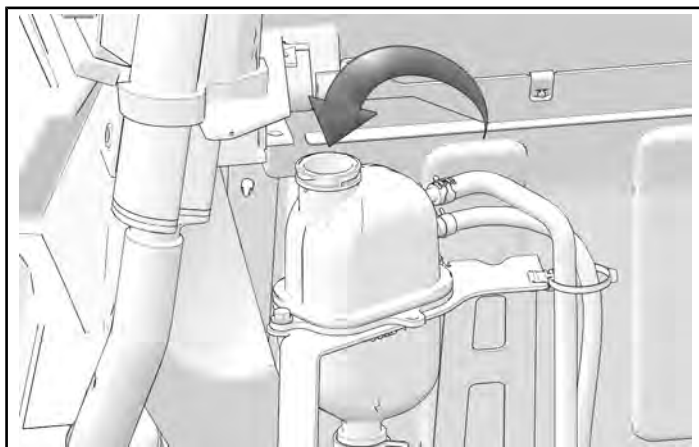
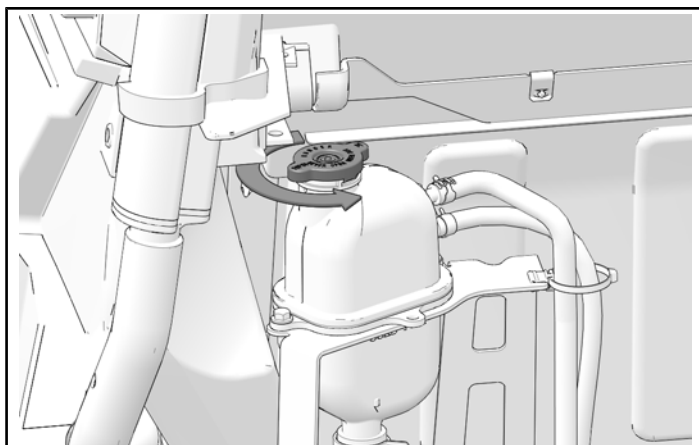
1. Install coolant hose and attach using spring clamp.



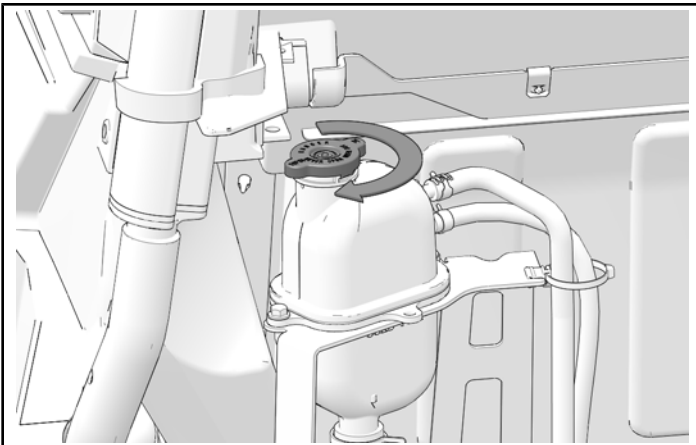
2. Remove pressure cap. Add coolant to within one inch of cold mark on pressure tank.

IMPORTANT

Use Polaris 50/50 Extended life Antifreeze



3. Install pressure cap.



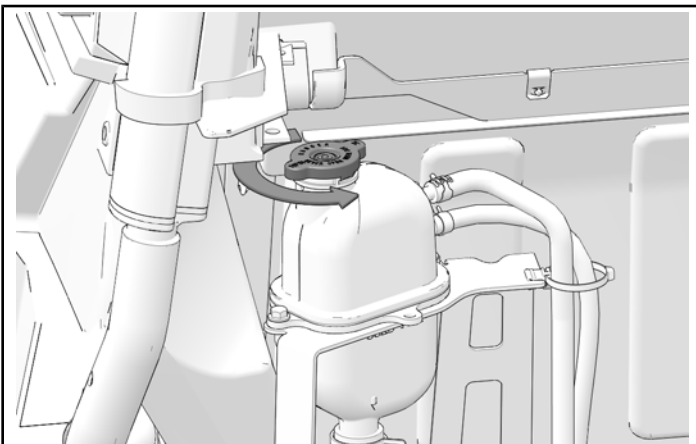
4. Start the engine and allow it to idle until the coolant fan has cycled two times.

5. Allow engine and cooling system to completely cool down.

CAUTION

Be sure the engine has cooled and no pressure is built up in the cooling system before removing the pressure cap. The coolant may be hot and could cause severe injury or burns.

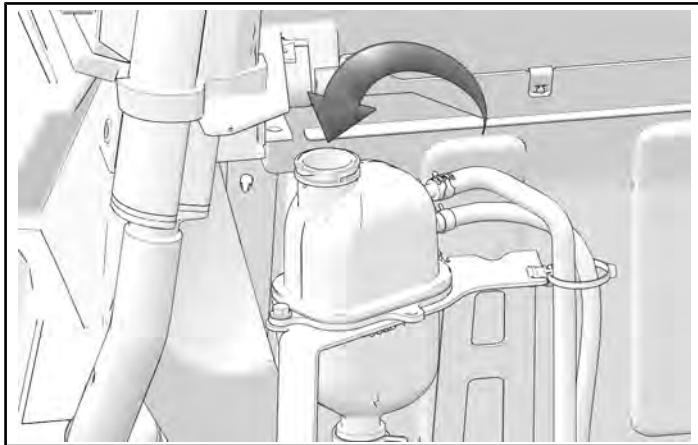
6. Remove the pressure cap. Add the necessary amount of Polaris 50/50 Extended life Antifreeze pressure tank.



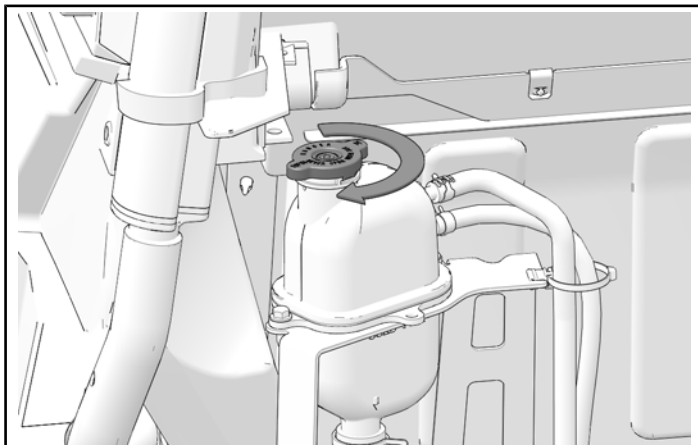
7. Fill the purge tank above the cold line by one inch.

IMPORTANT

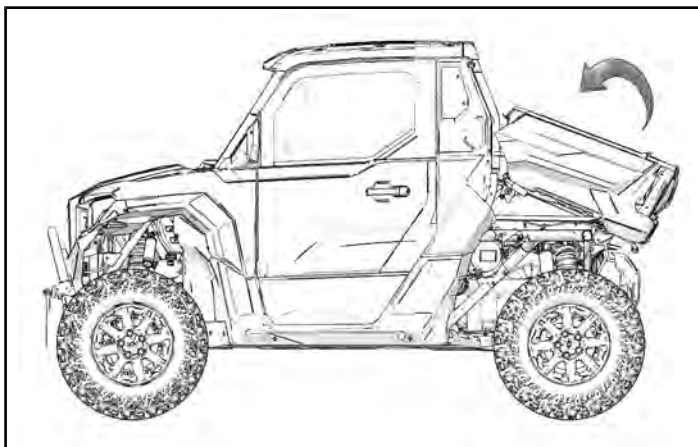
Repeat coolant bleeding procedure until coolant level remains consistent.



8. Install pressure cap.

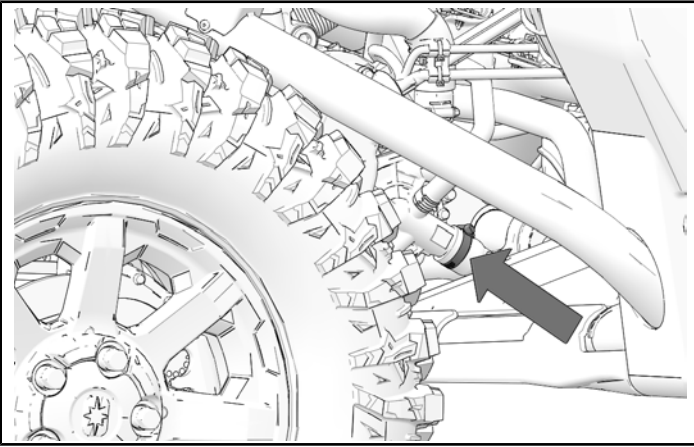


9. Close cargo box.



ADVENTURE MODELS

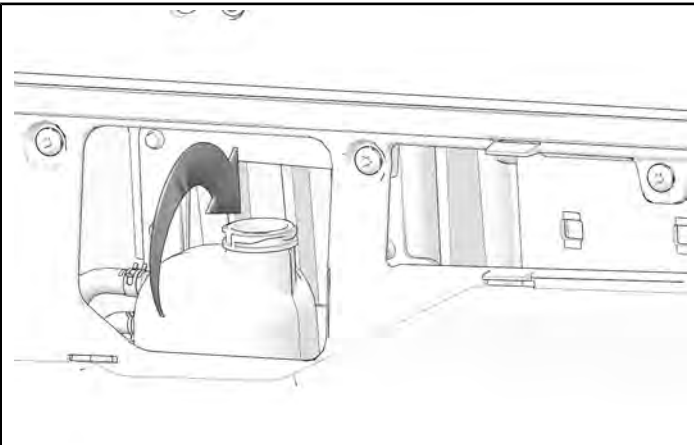
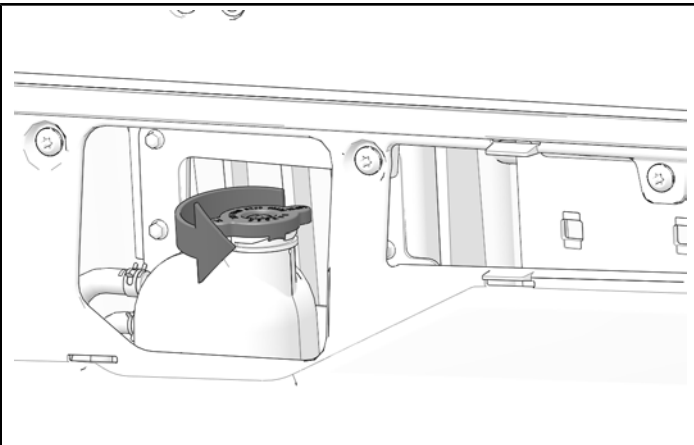
1. Install coolant hose and attach using spring clamp.



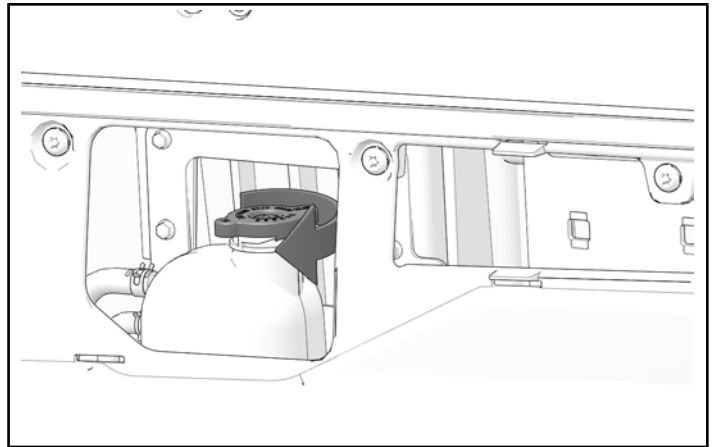
2. Remove pressure cap. Add coolant to within one inch of cold mark on pressure tank.

IMPORTANT

Use Polaris 50/50 Extended life Antifreeze



3. Install pressure cap.

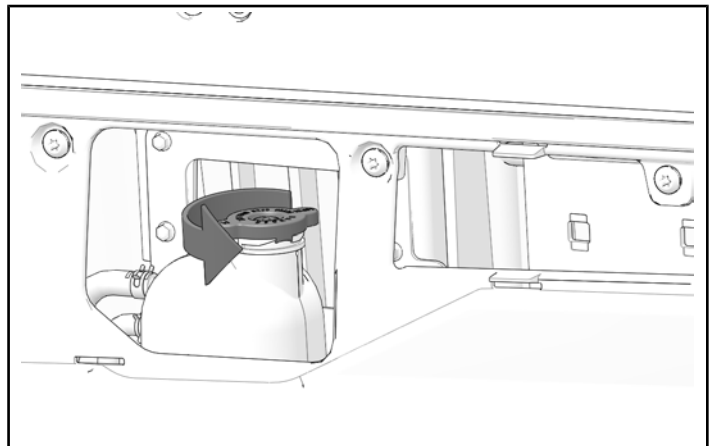


4. Start the engine and allow it to idle until the coolant fan has cycled two times.
5. Allow engine and cooling system to completely cool down.

CAUTION

Be sure the engine has cooled and no pressure is built up in the cooling system before removing the pressure cap. The coolant may be hot and could cause severe injury or burns.

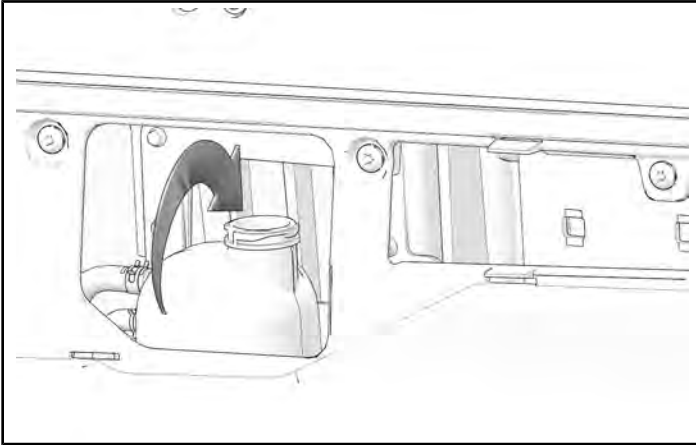
6. Remove the pressure cap. Add the necessary amount of Polaris 50/50 Extended life Antifreeze pressure tank.



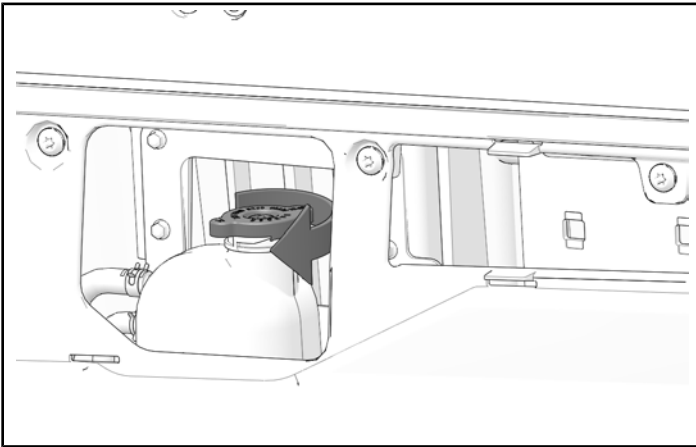
7. Fill the purge tank above the cold line by one inch.

IMPORTANT

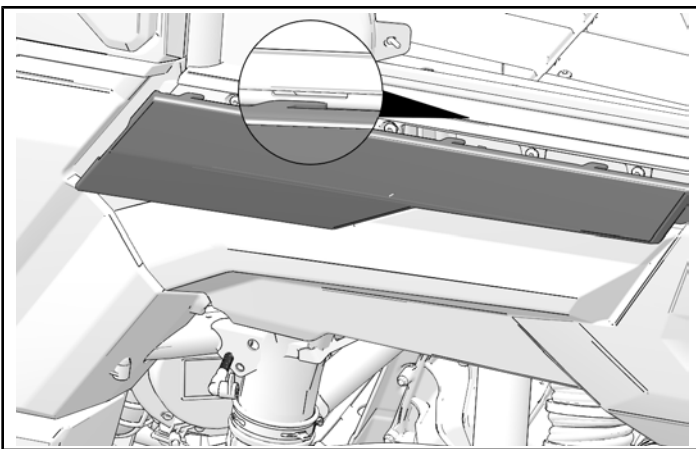
Repeat coolant bleeding procedure until coolant level remains consistent.



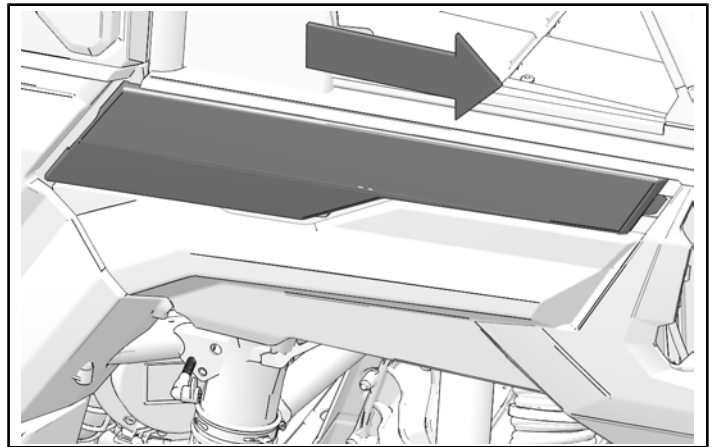
8. Install pressure cap.



9. Install upper panel cover onto slots with hooks.

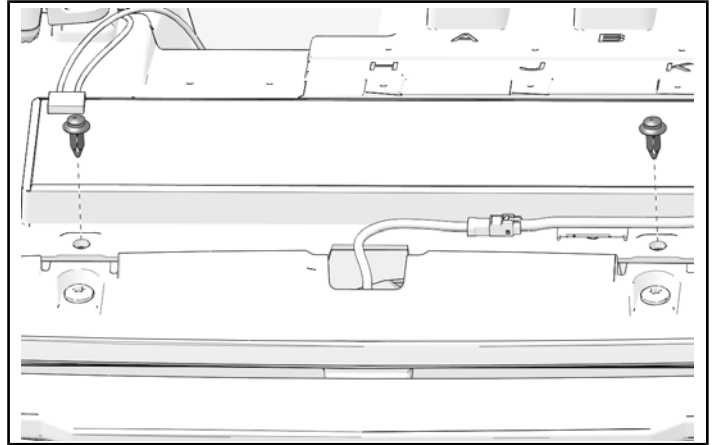


10. Slide upper panel cover to the right until it stops.

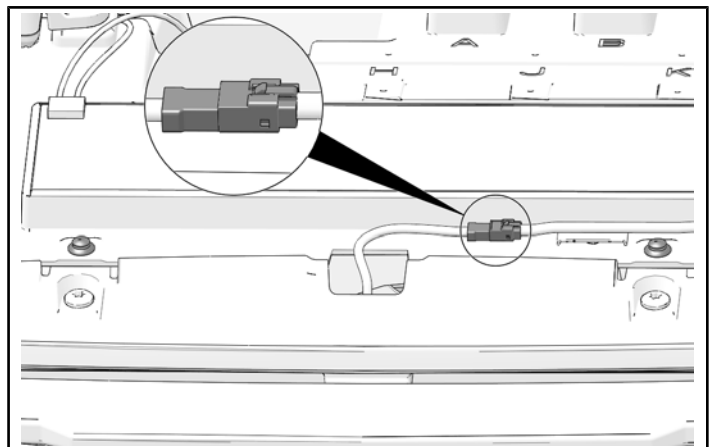


FRONT UNDERHOOD ACCESS PANEL REPLACEMENT

1. Close front underhood access panel. Fasten with two push pin pin rivets.

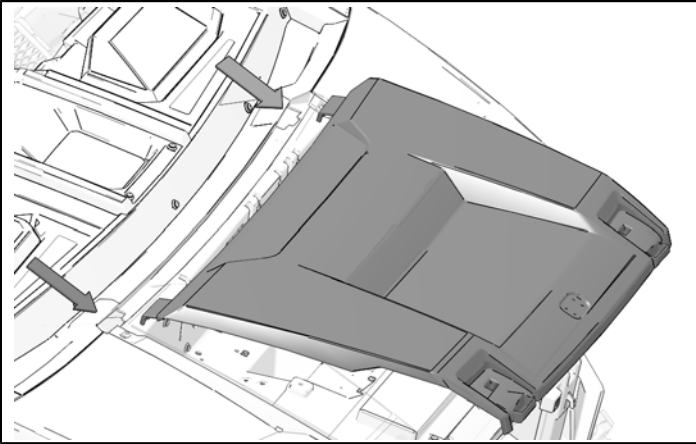


2. Connect front camera (if equipped).

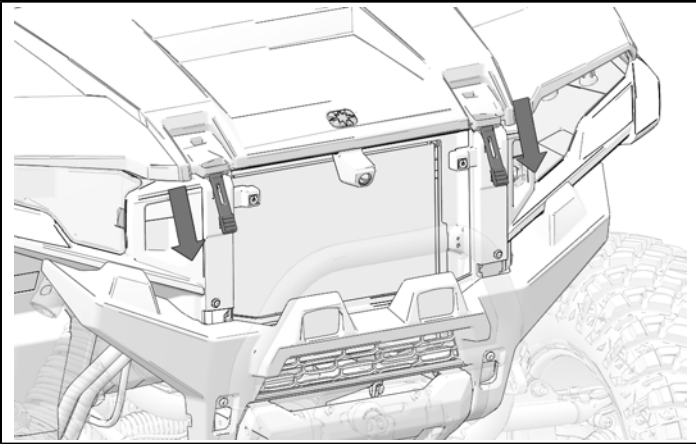


HOOD AND GRILL INSTALLATION

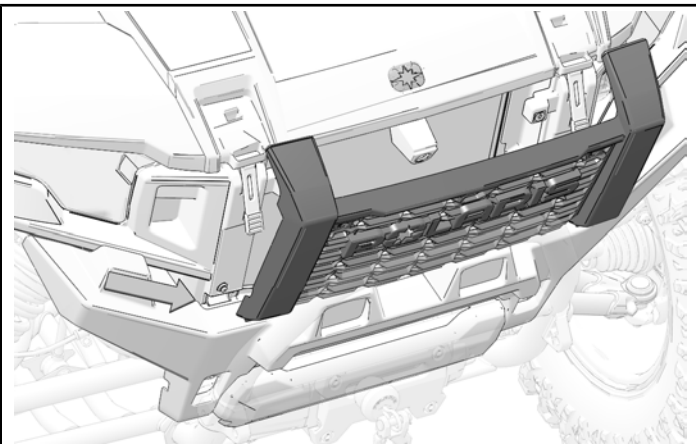
1. Install hood tabs through openings in underhood liner. Put hood in position.



2. Pull rubber straps over hooks.



3. Put grill mounting tabs in openings on front fascia. Install top of grill on hood.



4. Attach grill with two quarter turn fasteners.

