

SKELETON DOOR KITS



P/N 2884717; 2884399

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.

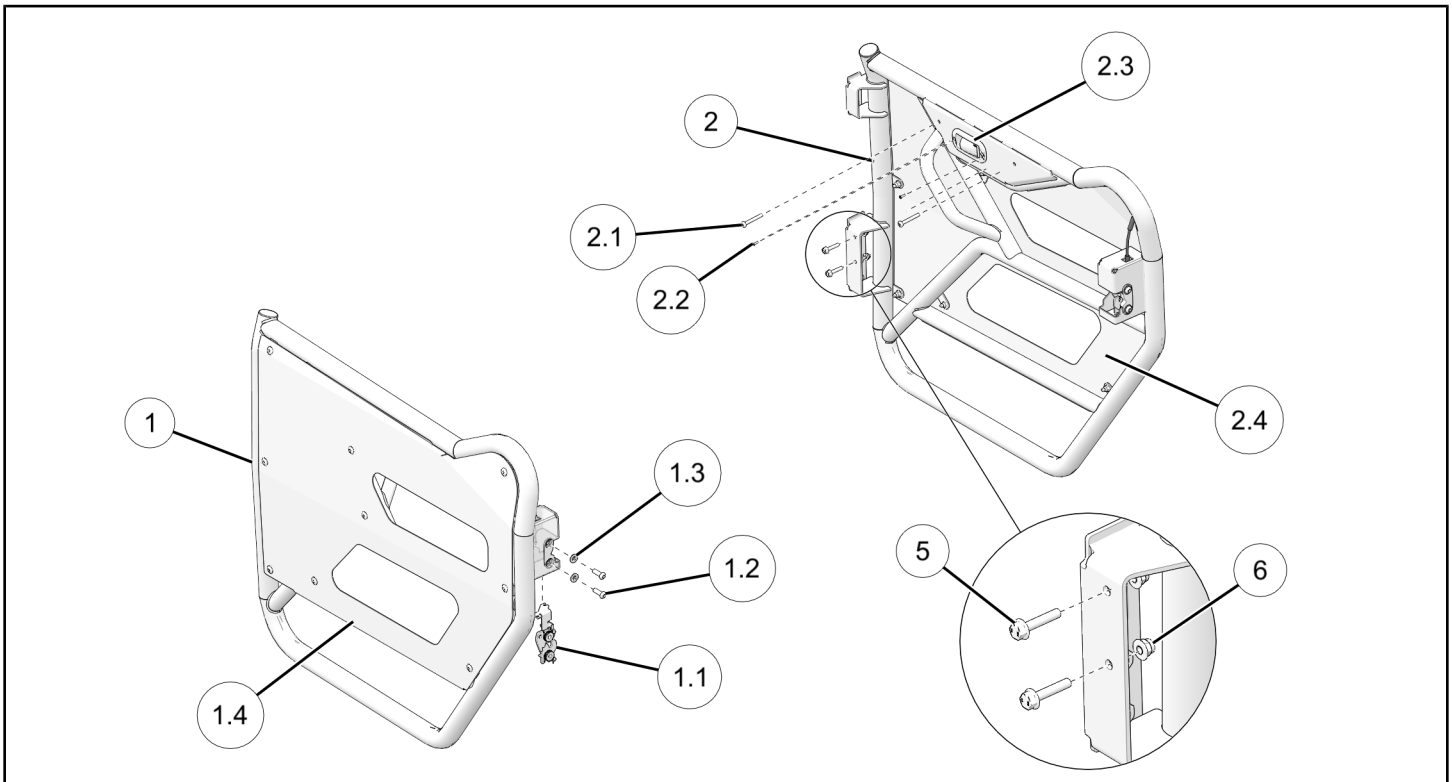
If your accessory was purchased online, please contact POLARIS® customer service at **1-800-POLARIS** (US & Canada only).

APPLICATION

Verify accessory fitment at www.polaris.com.

KIT CONTENTS

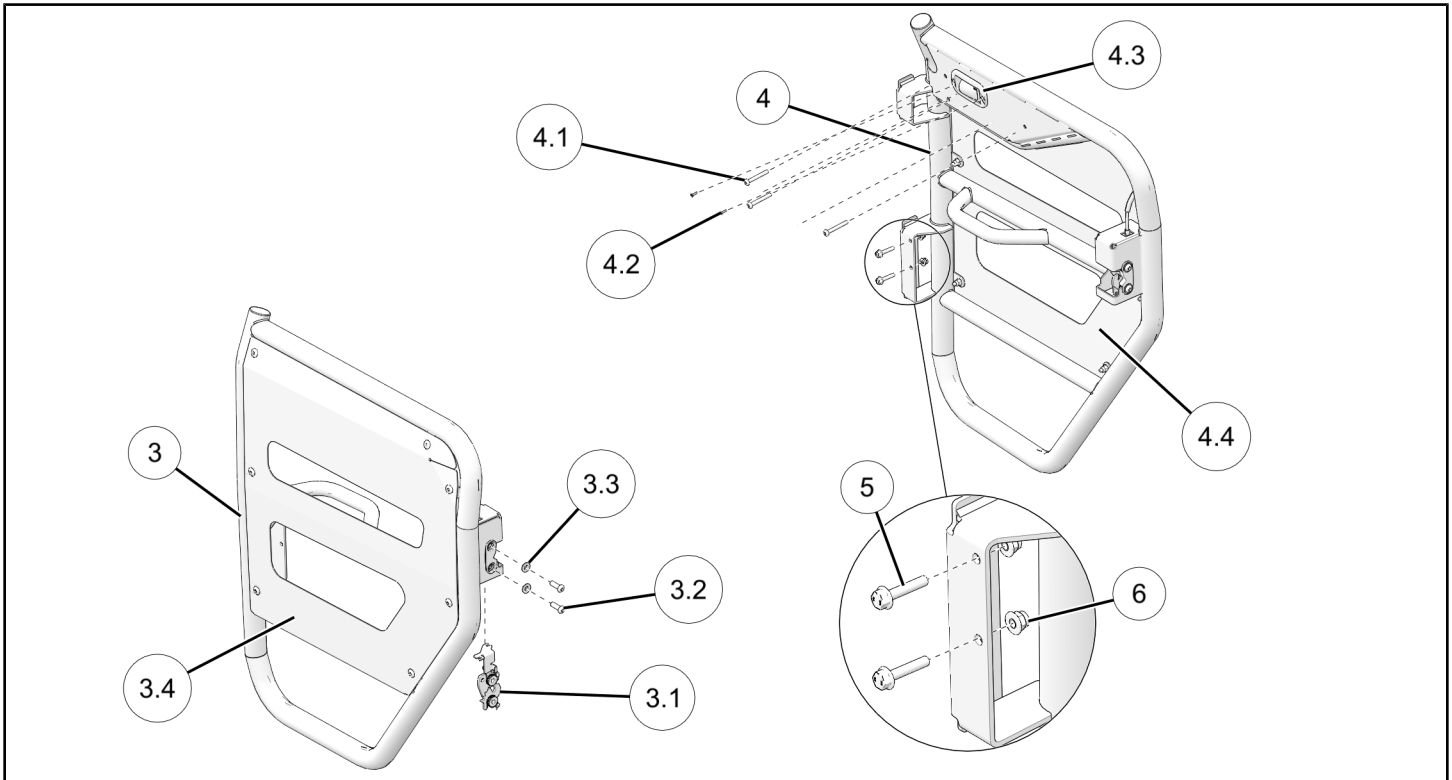
FRONT SKELETON DOORS P/N 2884717



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
1	1	Front Skeleton Door, Left	n/a	n/a
1.1	1	–Latch Assembly, Left –Latch Assembly, Right	7082941 7082942	n/a
1.2	4	–Screw, Torx® Button Head M8 x 1.25 x 25 mm	7519728	2209261
1.3	4	–Sleeve	n/a	2209261
1.4	1	–Panel, Left Front Door	5272242	n/a
2	1	Front Skeleton Door, Right	n/a	n/a

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
2.1	4	–Screw, Torx® Pan Head M6 x 1.0 x 45 mm	7520466	2209261
2.2	4	–Screw, Torx® Button Head M6 x 1.0 x 12 mm	7520905	2209261
2.3	2	–Door Actuator Assembly	7082387	n/a
2.4	1	–Panel, Right Front Door	5272243	n/a
5	4	Screw, Hex Flange M6 x 1.0 x 25 mm	7521331–25	2209261
6	4	Nut, Hex Flange M6 x 1.0 mm	7548027	2209261

REAR SKELETON DOORS P/N 2884399



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
3	1	Rear Skeleton Door, Left	n/a	n/a
3.1	1	–Latch Assembly, Left –Latch Assembly, Right	7082941 7082942	n/a
3.2	4	–Screw, Torx® Button Head M8 x 1.25 x 25 mm	7519728	2209262
3.3	4	–Sleeve	n/a	2209262
3.4	1	–Panel, Left Rear Door	5272244	
4	1	Rear Skeleton Door, Right	n/a	n/a
4.1	6	–Screw, Torx® Pan Head M6 x 1.0 x 45 mm	7520466	2209262
4.2	4	–Screw, Torx® Button Head M6 x 1.0 x 12 mm	7520905	2209262
4.3	1	–Door Actuator Assembly	7082387	n/a

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
4.4	1	–Panel, Right Rear Door	5272245	n/a
5	4	Screw, Hex Flange M6 x 1.0 x 25 mm	7521331–25	2209262
6	4	Nut, Hex Flange M6 x 1.0 mm	7548027	2209262

TOOLS REQUIRED

- Safety Glasses
- Socket Set, Metric
- Torque Wrench

IMPORTANT

Your Skeleton Door Kits 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

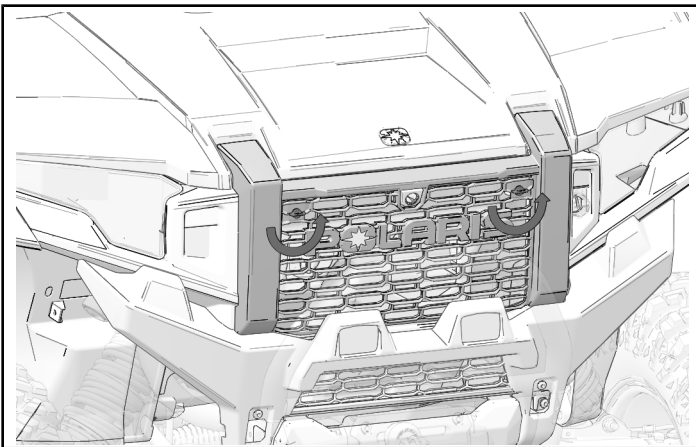
VEHICLE PREPARATION

GENERAL

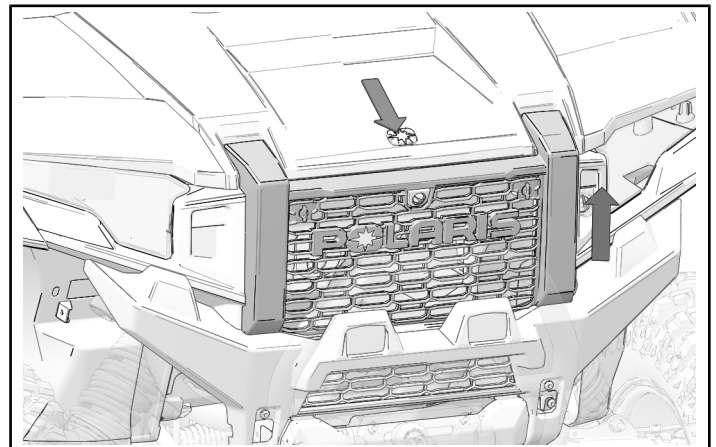
1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.

HOOD AND GRILL REMOVAL

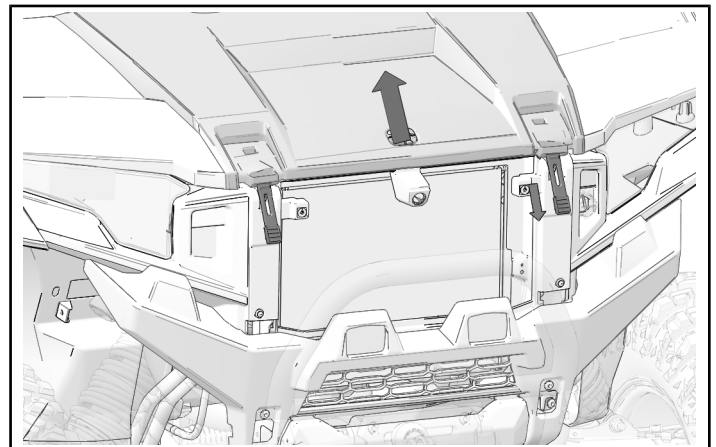
1. Turn each stud one-quarter turn to release grill.



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.



OUTER A-PILLAR TRIM REMOVAL

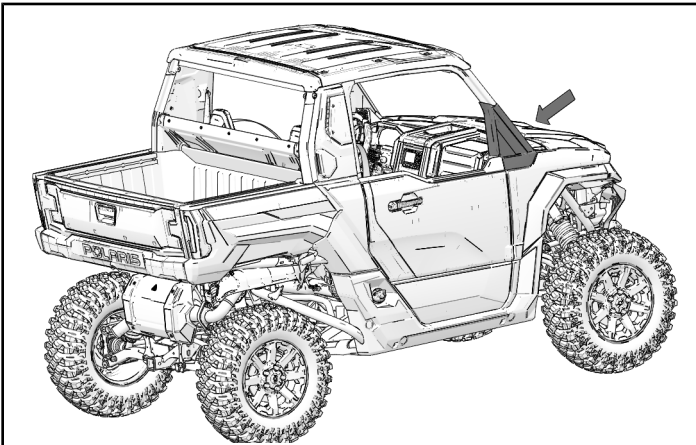
NOTICE

Right side shown; left side similar.

NOTICE

If vehicle is equipped with full or half door, the door must be fully opened to remove or install outer sail panel.

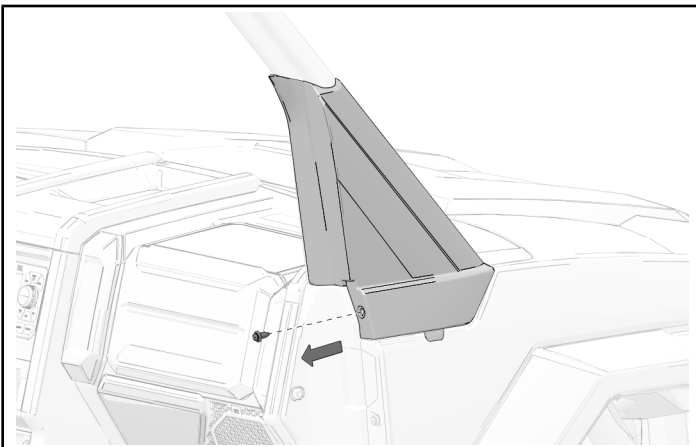
1. Find sail panel on vehicle.



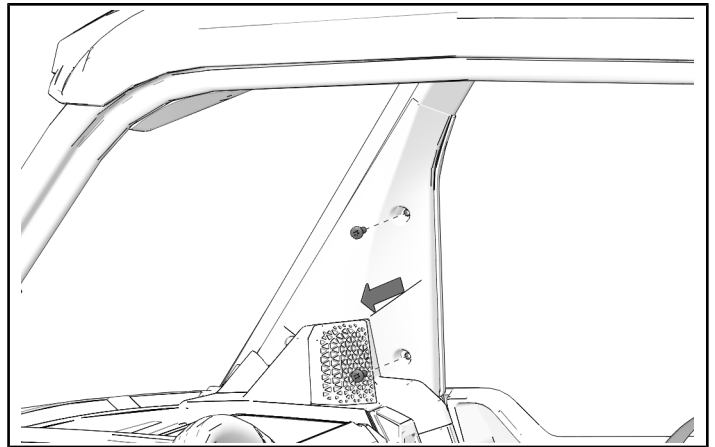
2. Remove and keep push-pin rivet from rear of panel.

NOTICE

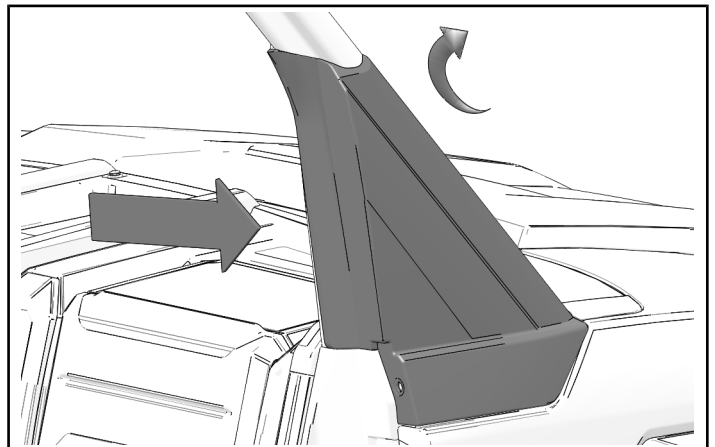
Door hidden for clarity.



3. Remove and keep two screws from inner panel.



4. Pull panel outward and pull toward front of vehicle to remove panel.

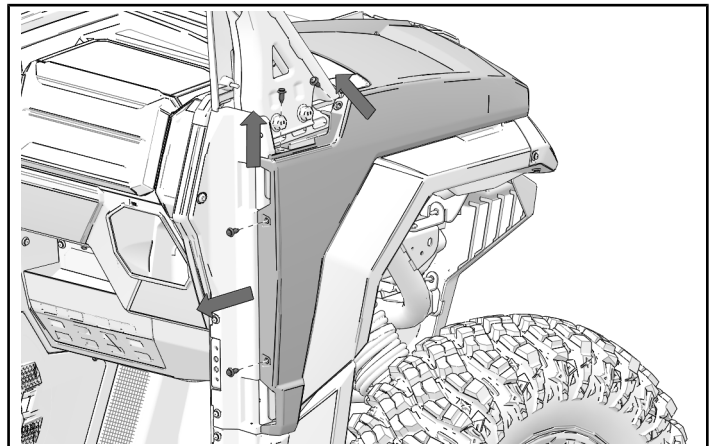


FRONT FENDER PANEL REMOVAL

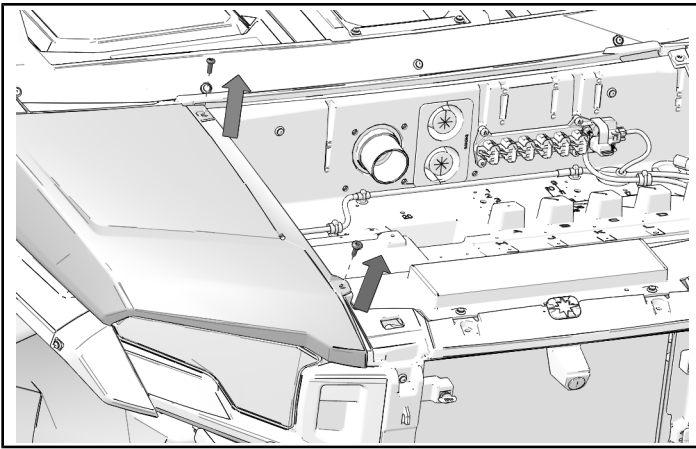
NOTICE

Right side shown; left side similar.

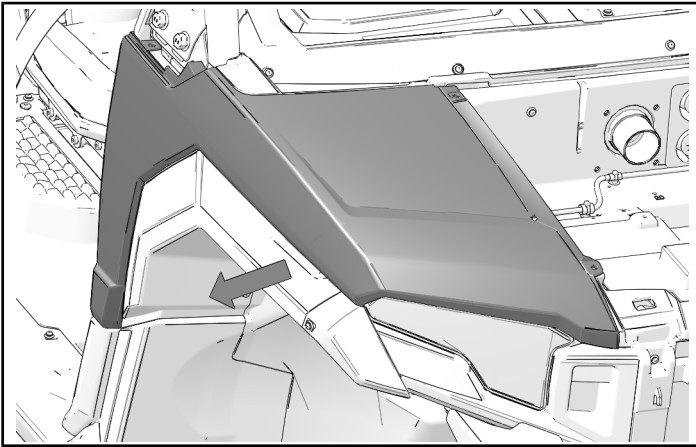
1. Remove and keep four push pin rivets from front fender.



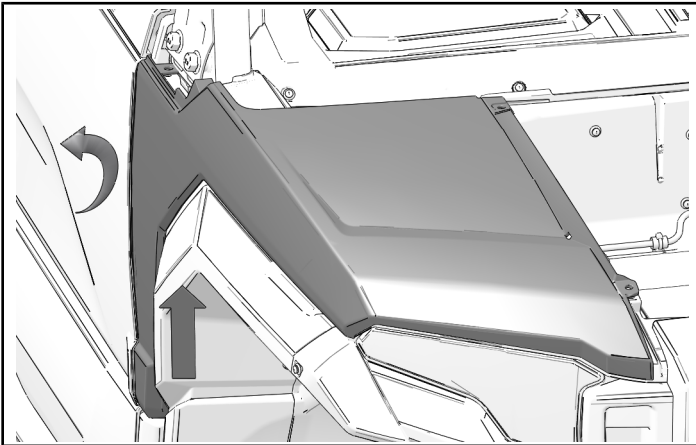
2. Remove and keep two screws from front fender.



3. Pull fender outward to disengage upper tabs.



4. Turn fender and lift to disengage lower tab and remove fender.



LOWER B-PILLAR TRIM REMOVAL

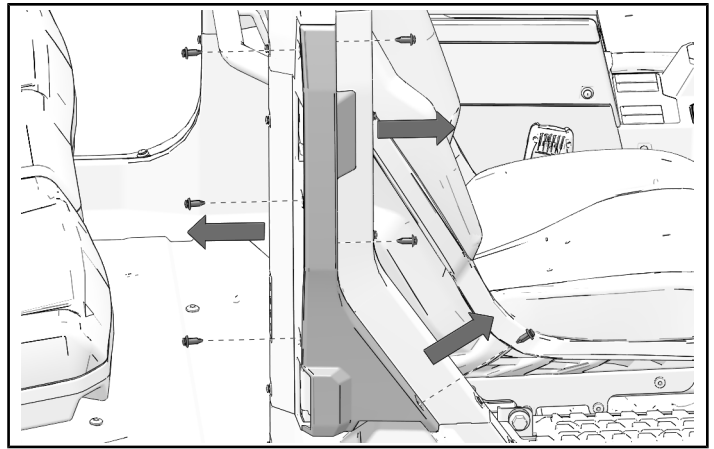
NOTICE

Lower B-pillar trim removal is only needed if rear doors are being removed.

NOTICE

Right side shown; left side similar.

1. Remove six push pin rivets from lower B-pillar trim.



2. Turn top of trim away from vehicle. Lift trim to disengage the lower tab. Remove trim.



FRONT HALF-DOOR REMOVAL

NOTICE

Right side shown; left side similar.

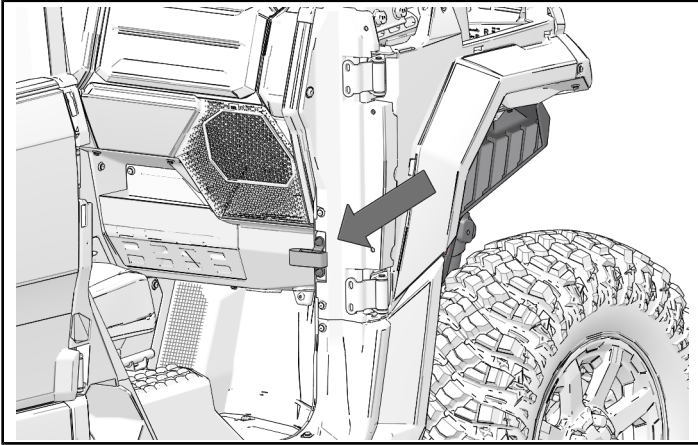
CAUTION

Doors are large and may weigh up to 60 lb (27 kg).
Use assistance when lifting and moving doors.

1. Find bracket and limit strap on A-pillar.

NOTICE

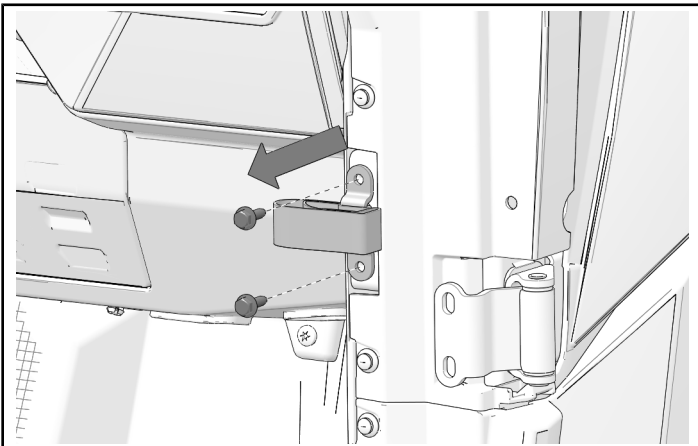
Door hidden for clarity.



2. Remove two screws and limit strap bracket from A-pillar.

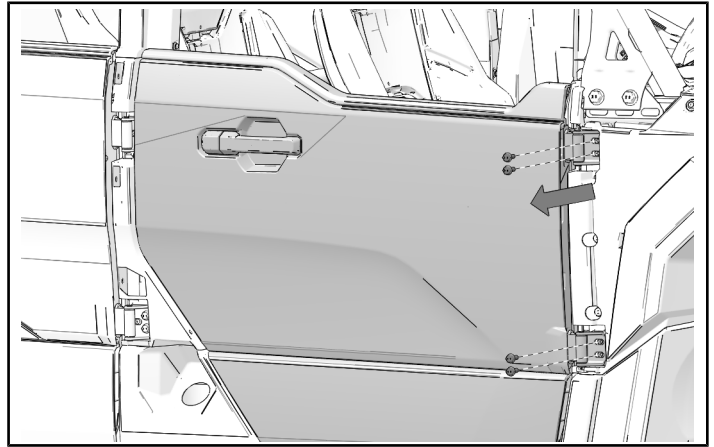
NOTICE

Door hidden for clarity.

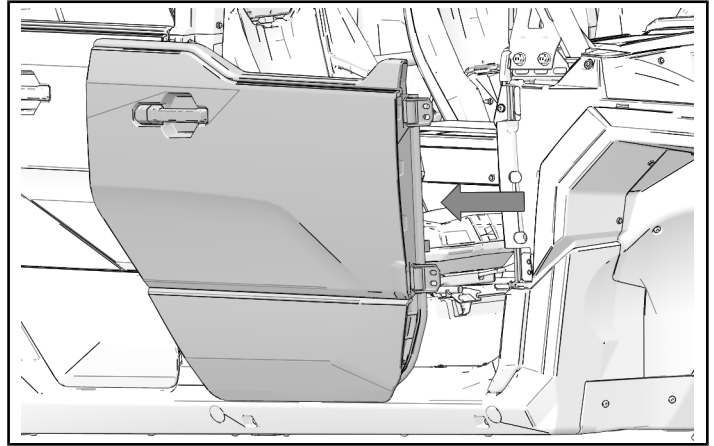


3. Close door and engage door with striker. This will help support door while hinge screws are removed.

4. Remove four hinge screws. Door is now held by only latch and striker.



5. Pull door handle to disengage striker and lift door away from vehicle.



REAR HALF-DOOR REMOVAL

NOTICE

Right side shown; left side similar.

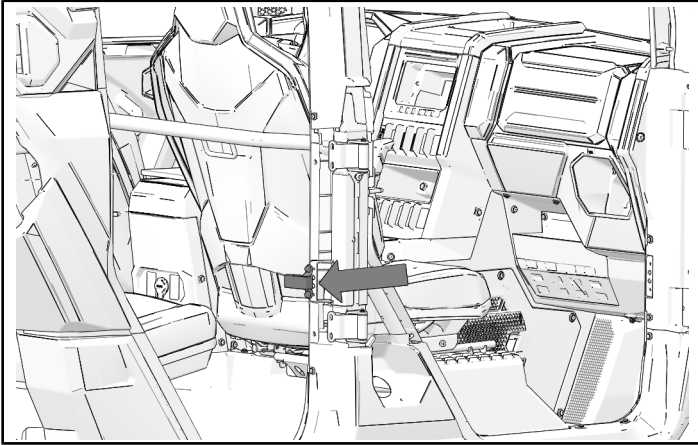
CAUTION

Doors are large and may weigh up to 60 lb (27 kg). Use assistance when lifting and moving doors.

1. Find bracket and limit strap on B-pillar.

NOTICE

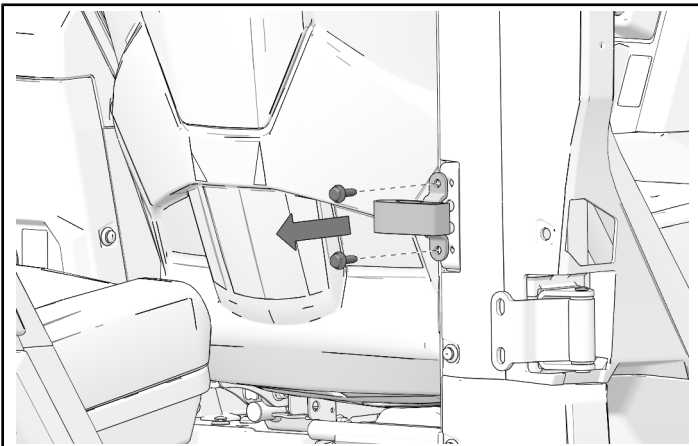
Door hidden for clarity.



2. Remove two screws and limit strap bracket from rear of B-pillar.

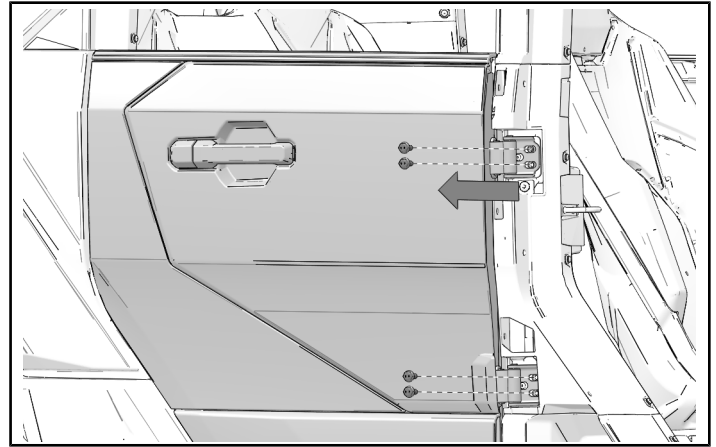
NOTICE

Door hidden for clarity.

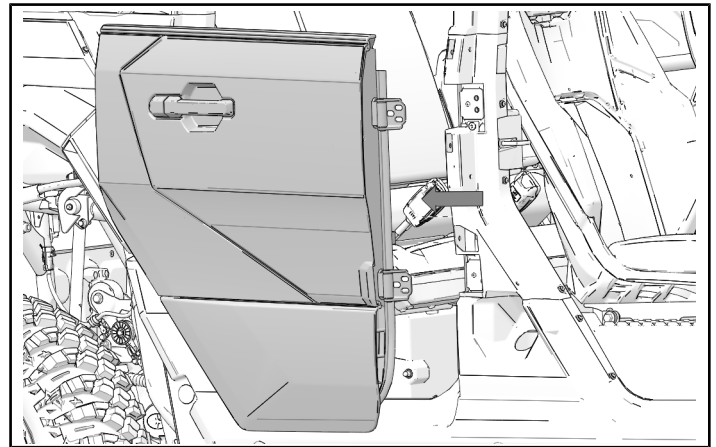


3. Close door and engage door with striker. This will help support door while hinge screws are removed.

4. Remove four hinge screws.



5. Pull door handle to disengage striker and lift door away from vehicle.

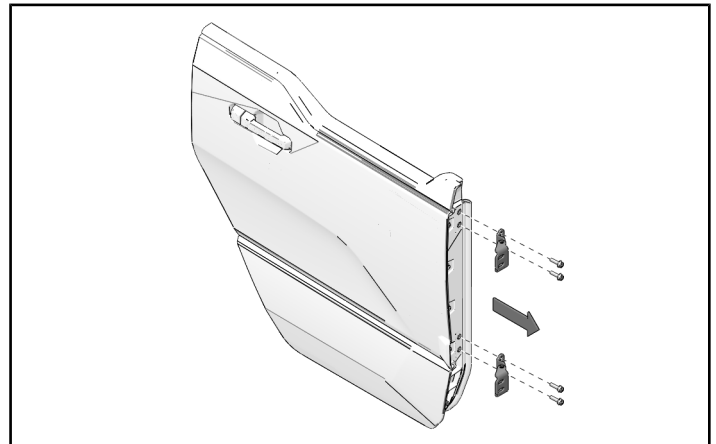


HALF DOOR HINGE REMOVAL

1. Remove and keep four screws from door and two door hinges.

NOTICE

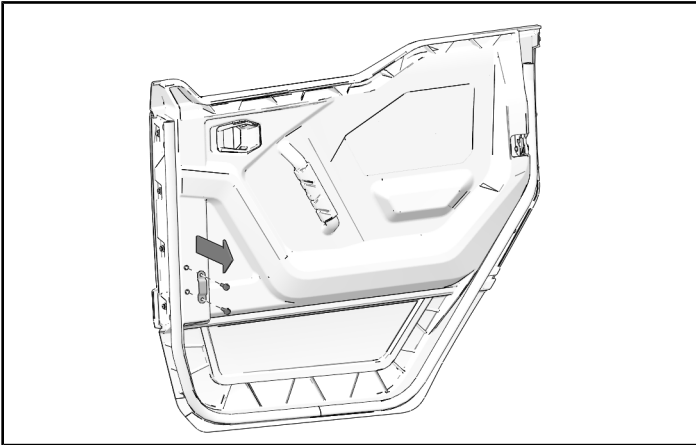
Front right door shown; others similar.



2. Remove and keep two screws and limit strap bracket from inside of door.

NOTICE

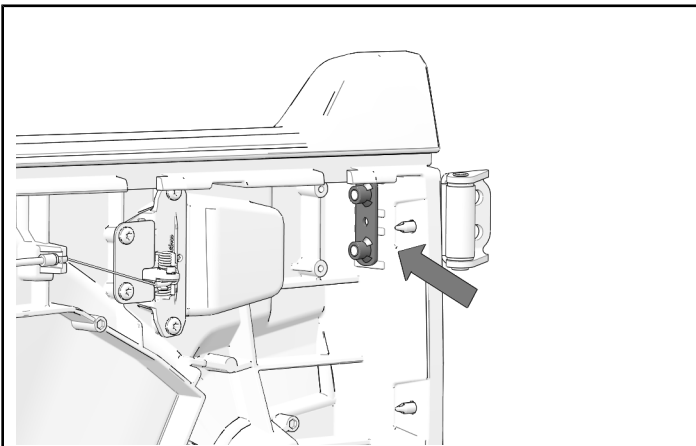
Strap hidden for clarity.



3. Repeat for remaining doors.

HINGE NUT PLATE RETENTION

When hinges are removed from half doors, hinge nut plate (see illustration) inside door will be loose, and will fall out of place. If hinges are to be reattached to half doors, it will be necessary to remove trim panels from door. With trim panels removed, hinge nut plate can be located and replaced in proper position.



The following sections describe removal of trim for the different types of doors.

**FRONT DOOR TRIM PANEL REMOVAL
(2-PASSENGER VEHICLE)**

NOTICE

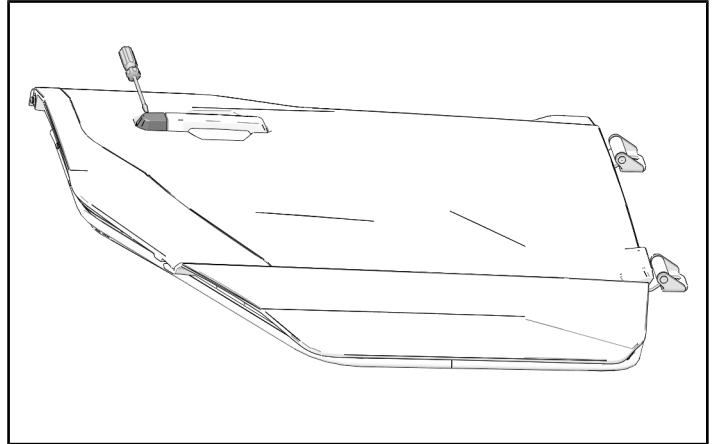
Right side shown; left side similar.

1. Set door on a flat surface, with outside facing up.

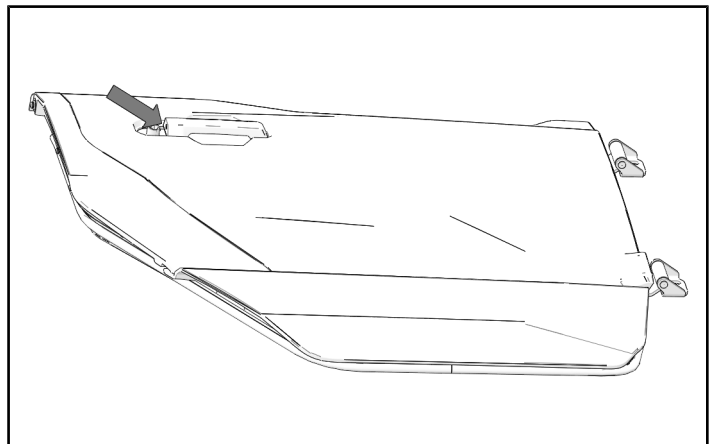
CAUTION

Protect painted/plastic surfaces with protective cloth/tape during removal or installation.

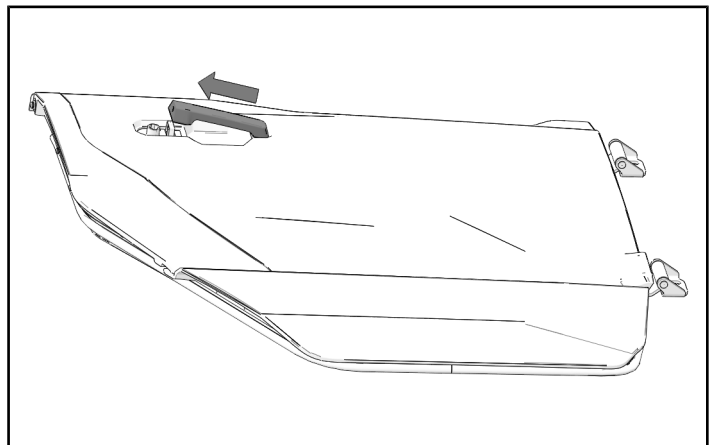
2. Remove and keep handle cover by prying up cover.



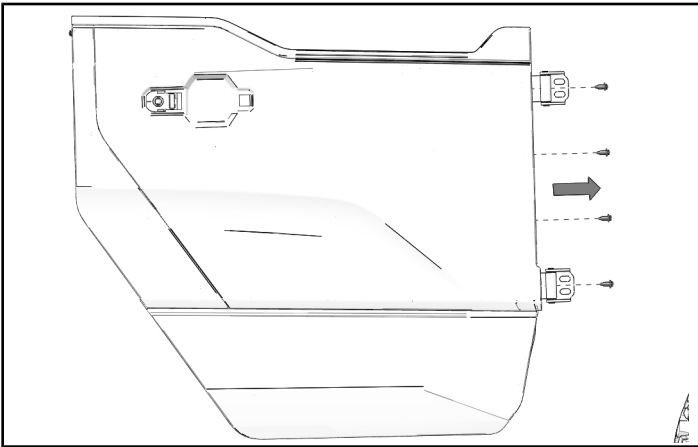
3. Remove and keep screw to separate handle from actuator.



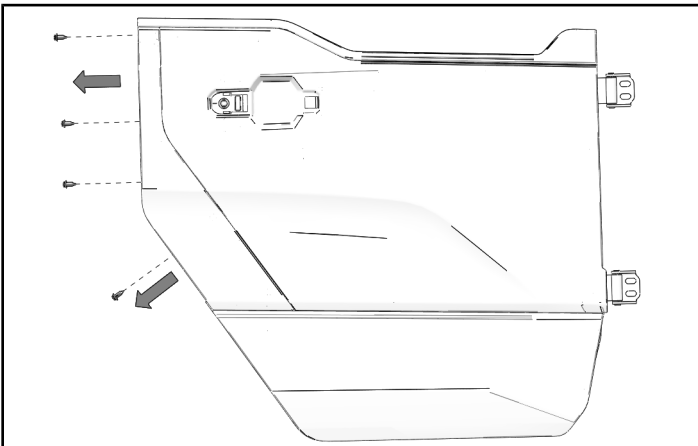
4. Lift handle away from actuator and pull backwards to remove handle. Keep handle for later installation.



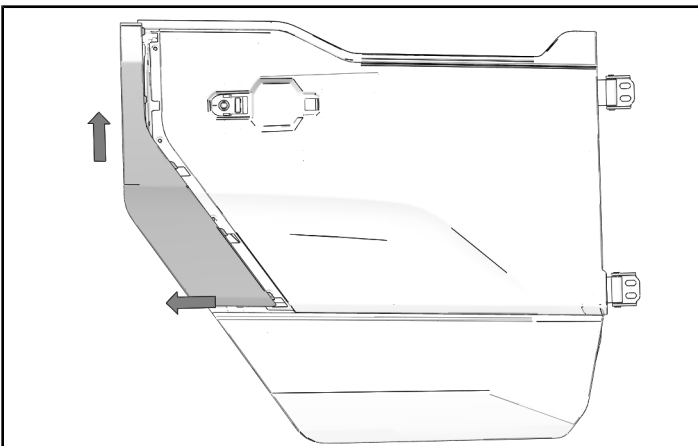
5. Remove and keep four push pin rivets from front of door.



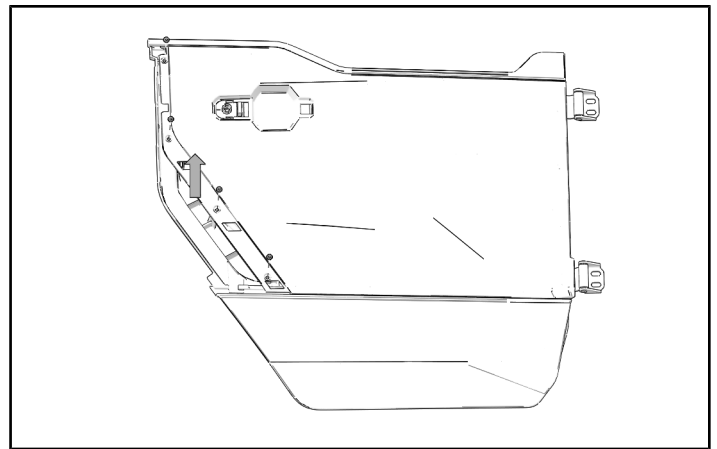
6. Remove and keep three push pin rivets from rear of door.



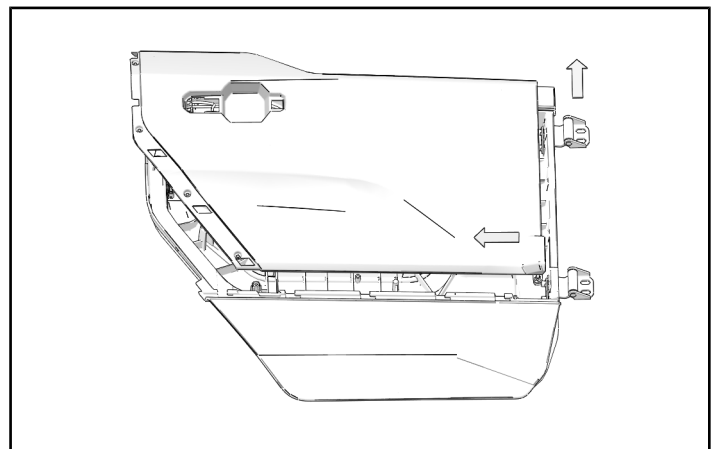
7. Move filler panel toward rear and lift to remove panel. Keep panel for later installation.



8. Remove and keep four screws.



9. Move trim panel toward rear and lift to remove panel. Keep panel for later installation.



FRONT DOOR TRIM PANEL REMOVAL (MULTI-PASSENGER VEHICLE)

NOTICE

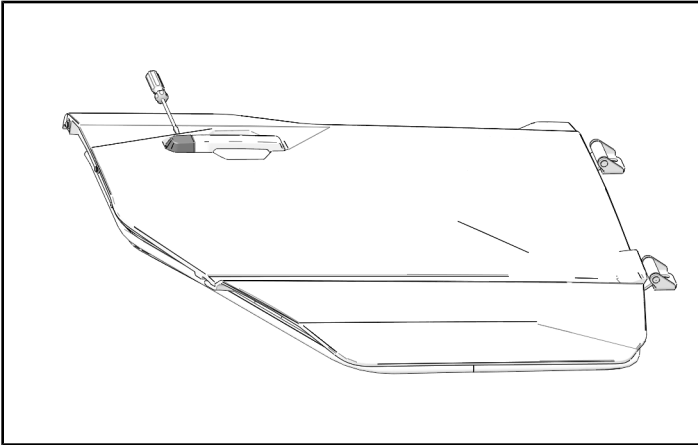
Right side shown; left side similar.

1. Set door on a flat surface, with outside facing up.

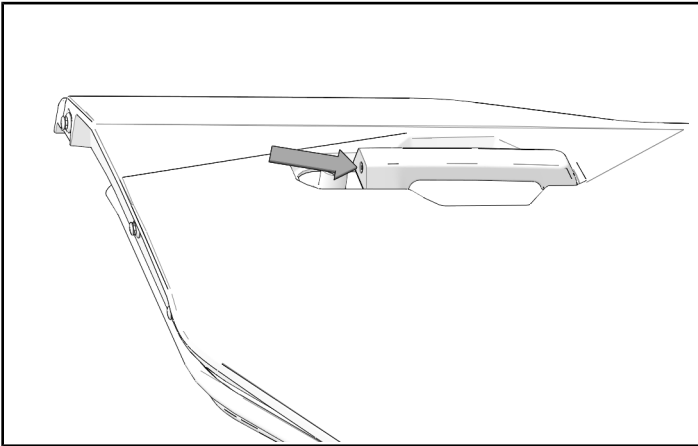
CAUTION

Protect painted/plastic surfaces with protective cloth/tape during removal or installation.

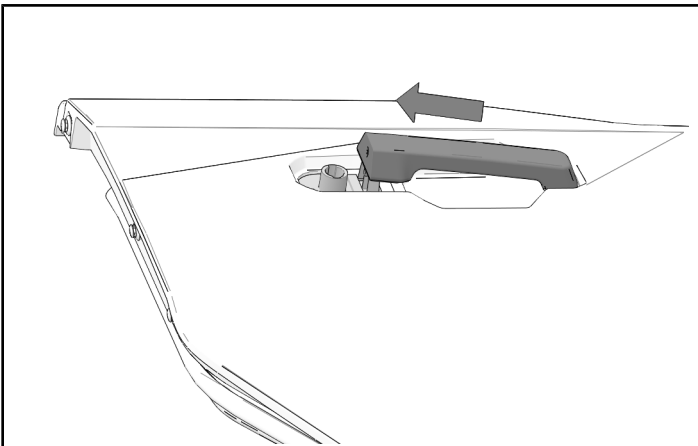
2. Remove and keep handle cover by prying up cover.



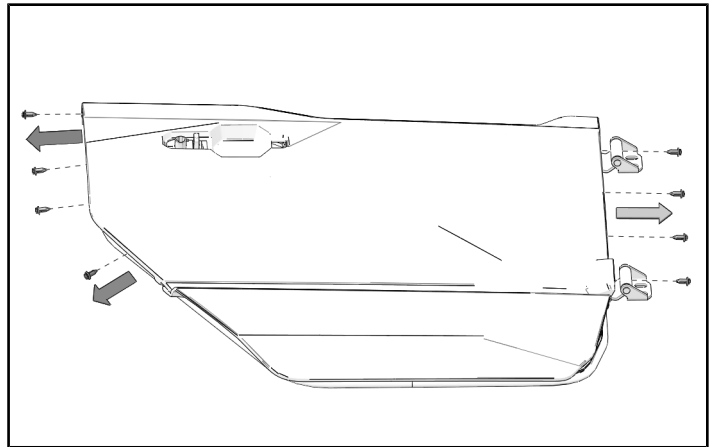
3. Remove and keep screw to separate handle from actuator.



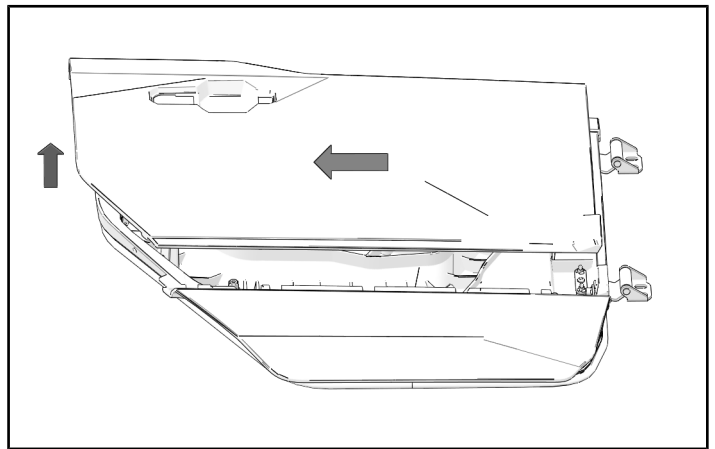
4. Lift handle away from actuator and pull backwards to remove handle. Keep handle for later installation.



5. Remove and keep eight push pin rivets from door.



6. Move panel toward rear and lift to remove panel. Keep panel for later installation.



REAR DOOR TRIM PANEL REMOVAL

NOTICE

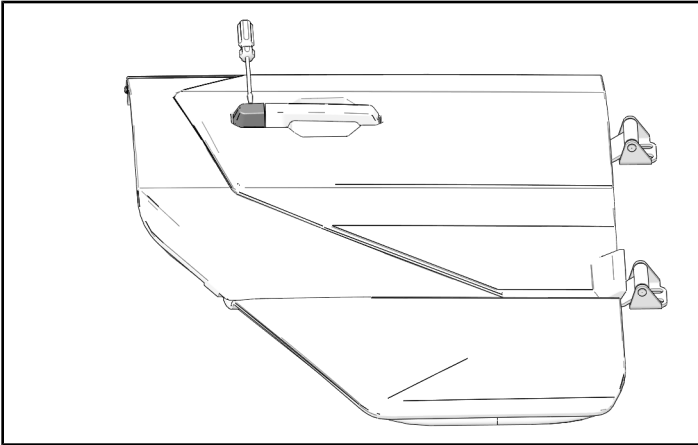
Right side shown; left side similar.

1. Set door on a flat surface, with the outside facing up.

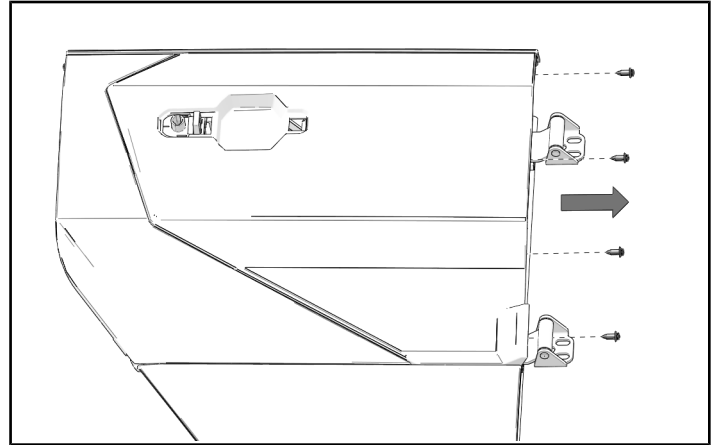
CAUTION

Protect painted/plastic surfaces with protective cloth/tape during removal or installation.

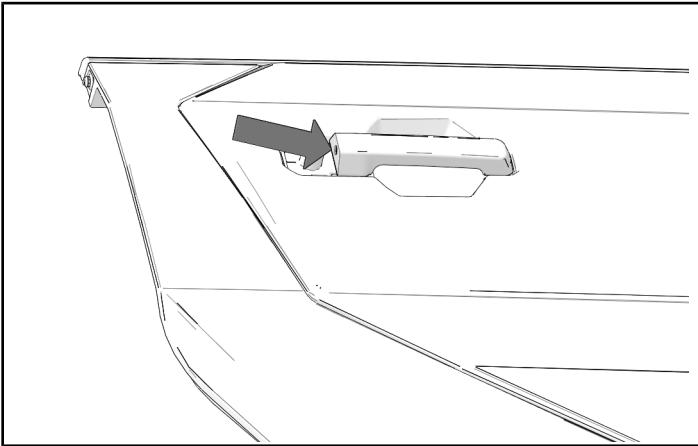
2. Remove and keep handle cover by prying up cover.



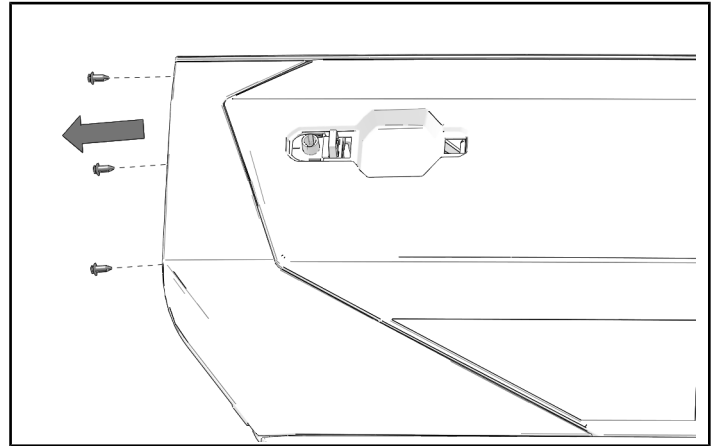
5. Remove and keep four push pin rivets from front of door.



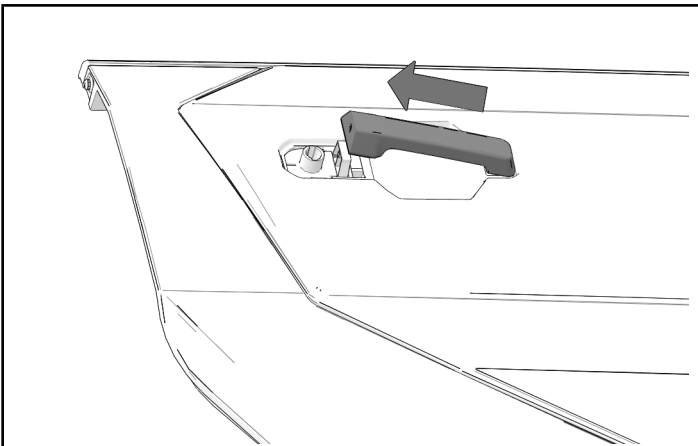
3. Remove and keep screw to separate handle from actuator.



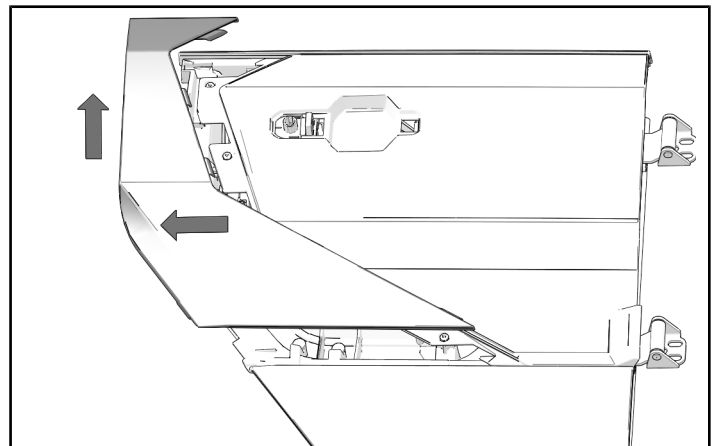
6. Remove and keep three push pin rivets from rear of door.



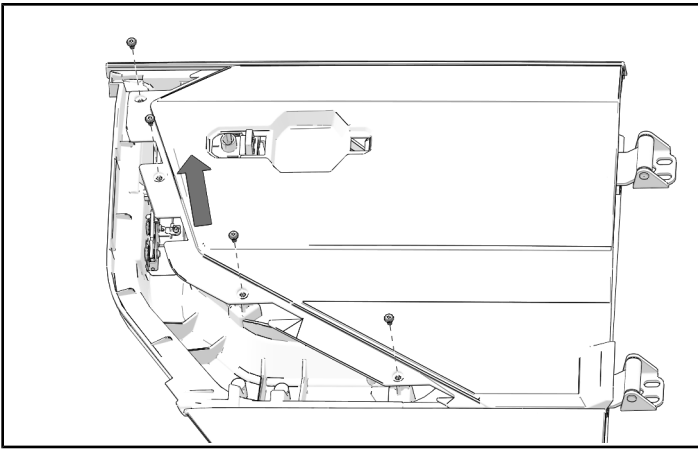
4. Lift handle away from actuator and pull backwards to remove handle. Keep handle for later installation.



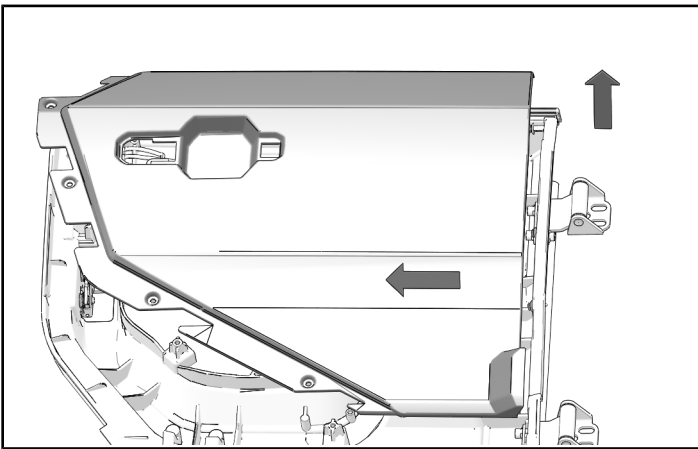
7. Move filler panel toward rear and lift to remove panel. Keep panel for later installation.



8. Remove and keep four screws.



9. Move trim panel toward rear and lift to remove panel. Keep panel for later installation.



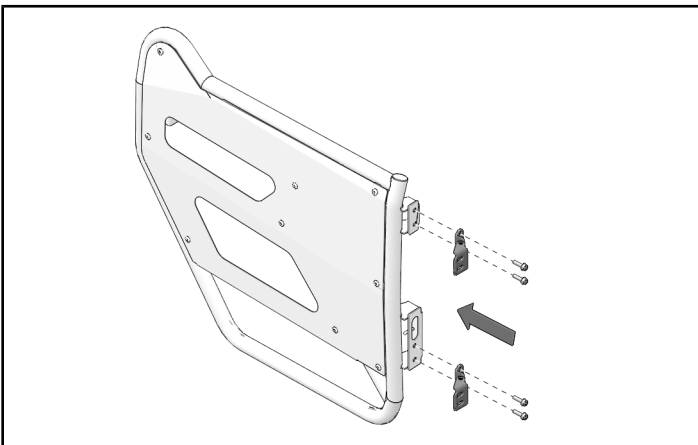
ACCESSORY INSTALLATION

SKELETON DOOR PREPARATION

1. Install hinges and four screws. Tighten screws to specification.

TORQUE

Hinge Screws:
26 ft-lbs (35 N·m)



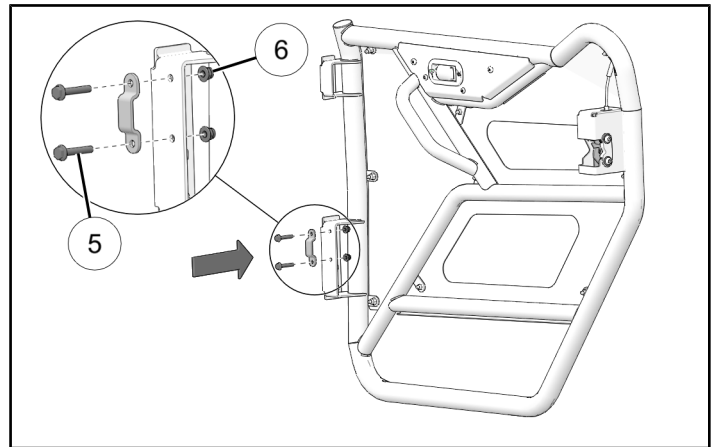
2. Install two screws (5), two nuts (6), and limit strap bracket. Tighten screws to specification.

TORQUE

Bracket Screws (5):
106 in-lbs (12 N·m)

NOTICE

Strap hidden for clarity. Make sure bracket is threaded through limit strap loop before installing.



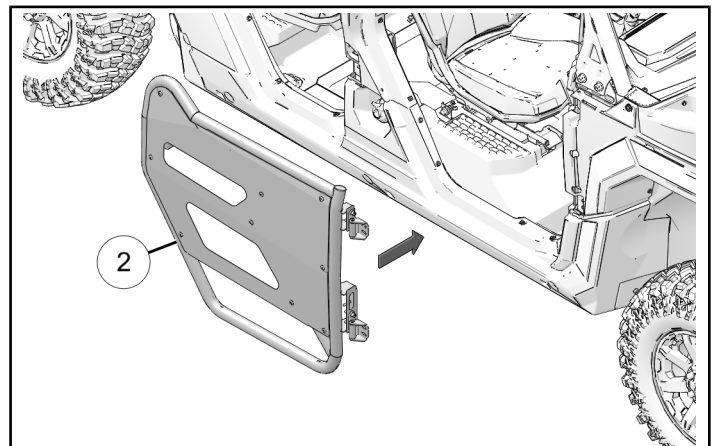
3. Repeat for remaining doors.

FRONT DOOR INSTALLATION

1. Place door (2) in opening. Engage the striker with door latch to help support the weight of the door.

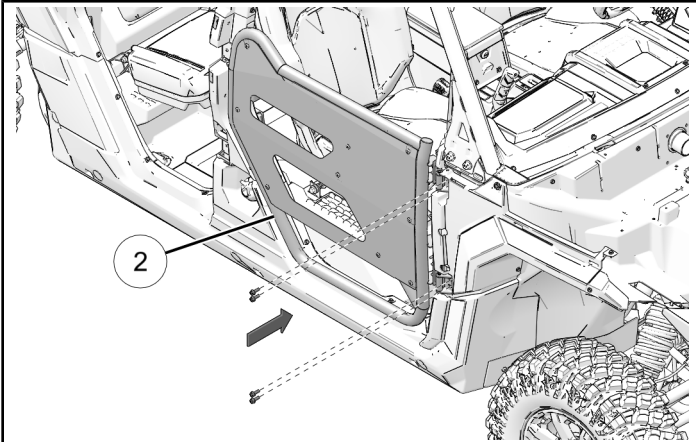
NOTICE

Right side shown; left side similar.



- Loosely install four retained hinge screws.

DO NOT torque fasteners at this time.



FRONT DOOR ADJUSTMENT

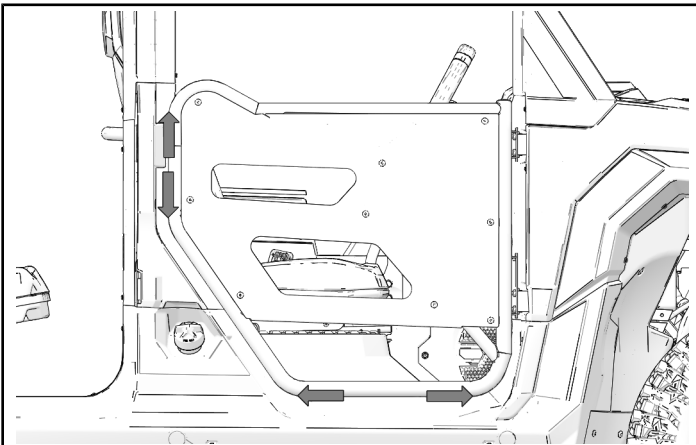
NOTICE

Right side shown; left side similar.

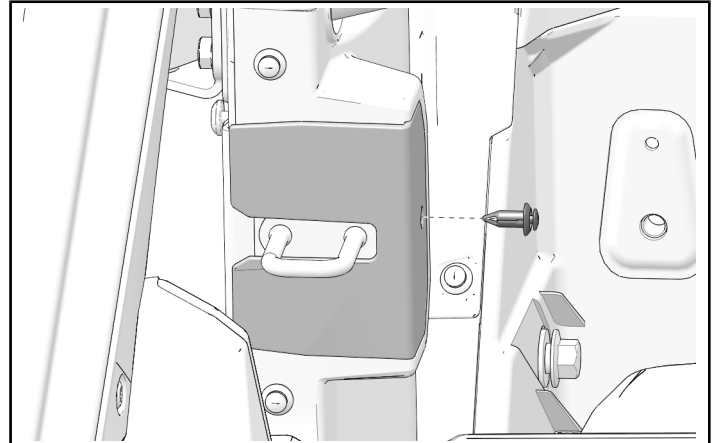
- Inspect outer edges of door. Make sure gaps are even on the rear side and bottom of the door (see arrows). When door is properly positioned, torque hinge screws to specification.

TORQUE

Hinge Screws:
26 ft-lbs (35 N·m)



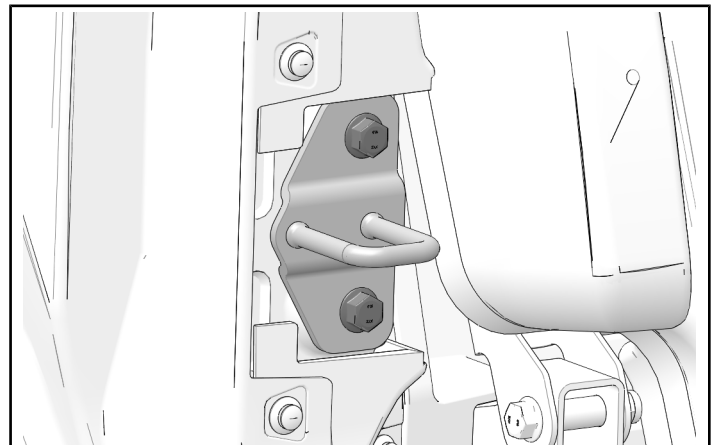
- After door is properly positioned, check engagement with striker. Adjust striker up or down as needed for proper latching. If door rattles when latched, adjust striker up or down to slightly load door. If door is difficult to open, adjust striker outward. Remove striker cover to access striker screws.



- When finished adjusting the striker, torque striker screws to specification. Replace cover.

TORQUE

Striker screws:
26 ft-lbs (35 N·m)



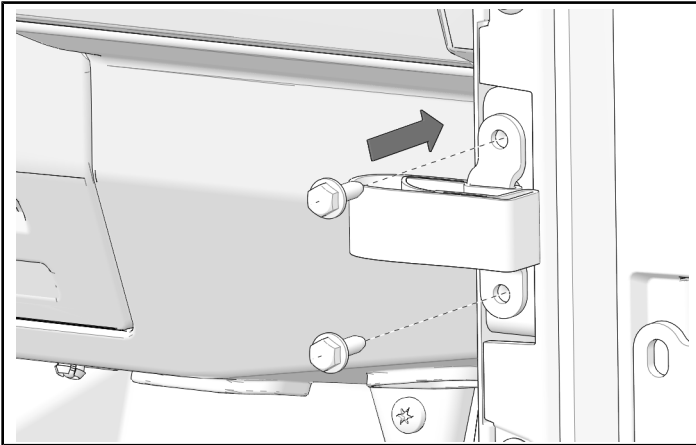
- Put bracket through limit strap. Install bracket and two screws to A-pillar. Tighten bracket screws to specification

TORQUE

Bracket Screws:
106 in-lbs (12 N·m)

NOTICE

Doors hidden for clarity.

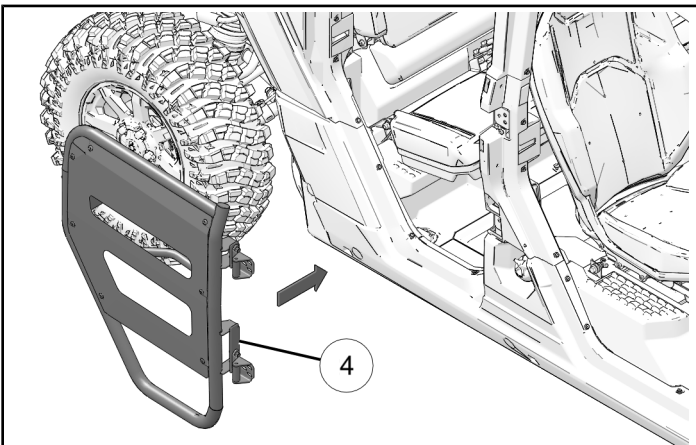


REAR DOOR INSTALLATION

- Set door ④ in opening. Engage the striker with door latch to help support the weight of the door.

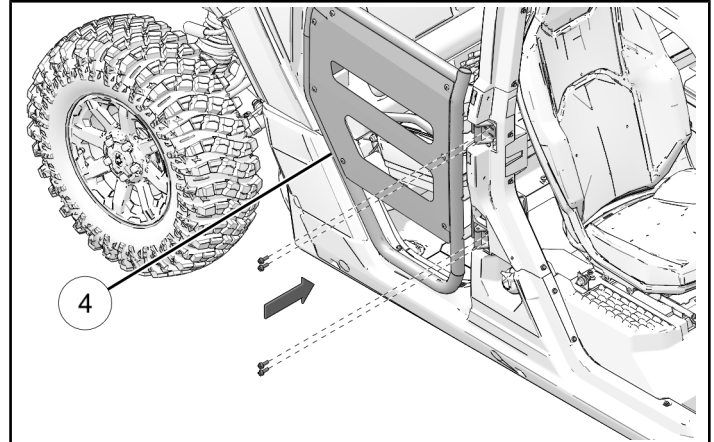
NOTICE

Right side shown; left side similar.



- Loosely install four hinge screws.

DO NOT torque fasteners at this time.



REAR DOOR ADJUSTMENT

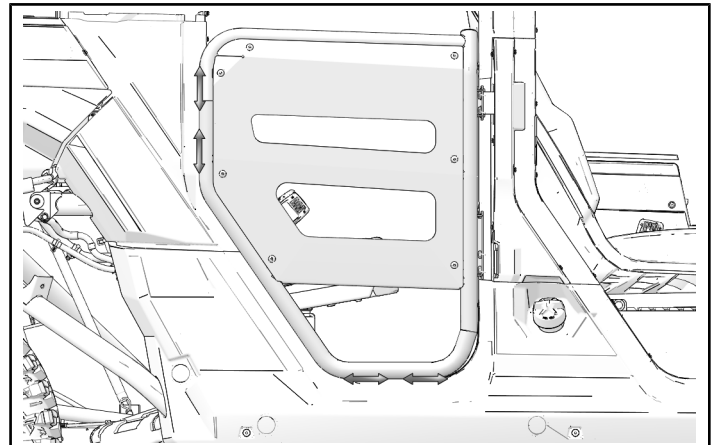
- Inspect outer edges of door. Make sure gaps are even on the rear side and bottom of the door (see arrows). When door is properly positioned, torque hinge screws to specification.

TORQUE

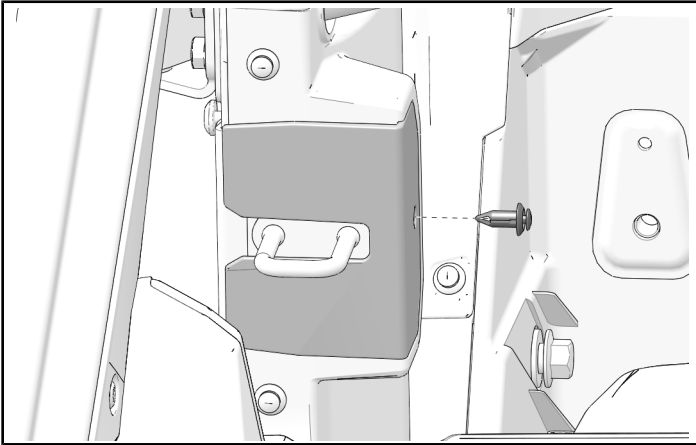
Hinge Screws:
26 ft-lbs (35 N·m)

NOTICE

Right side shown; left side similar.



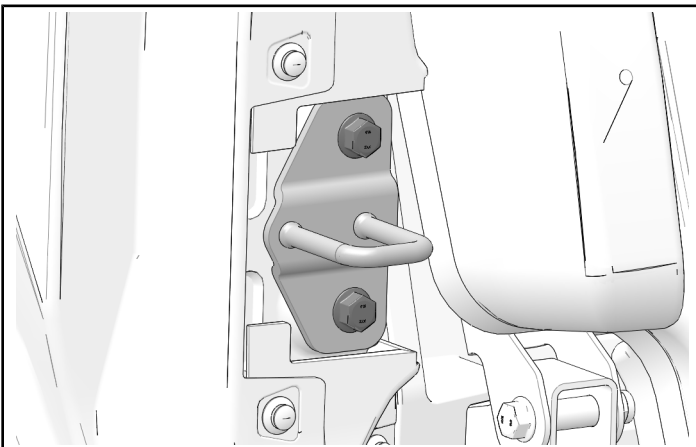
2. After door is properly positioned, check engagement with striker. Adjust striker up or down as needed for proper latching. If door rattles when latched, adjust striker up or down to slightly load door. If door is difficult to open, adjust striker outward. Remove striker cover to access striker screws.



3. When finished adjusting the striker, torque striker screws to specification. Replace cover.

TORQUE

Striker screws:
26 ft-lbs (35 N·m)



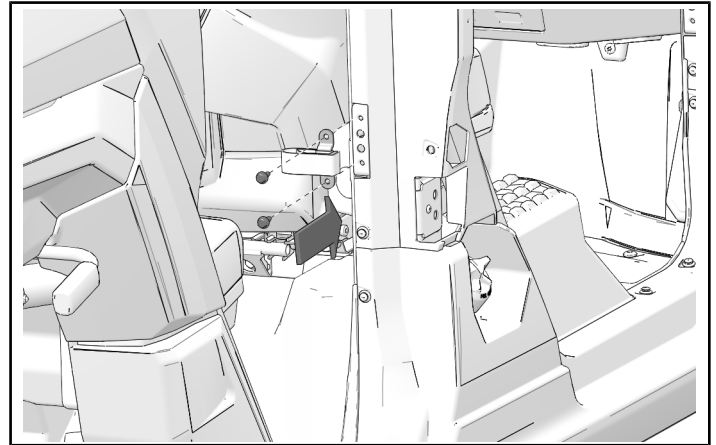
4. Put bracket through limit strap. Install bracket and two screws to B-pillar. Tighten bracket screws to specification

TORQUE

Bracket Screws:
106 in-lbs (12 N·m)

NOTICE

Doors hidden for clarity.



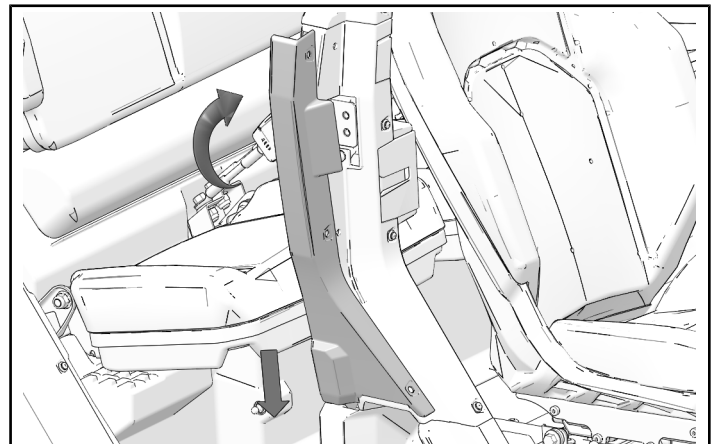
VEHICLE REASSEMBLY

LOWER B-PILLAR TRIM INSTALLATION

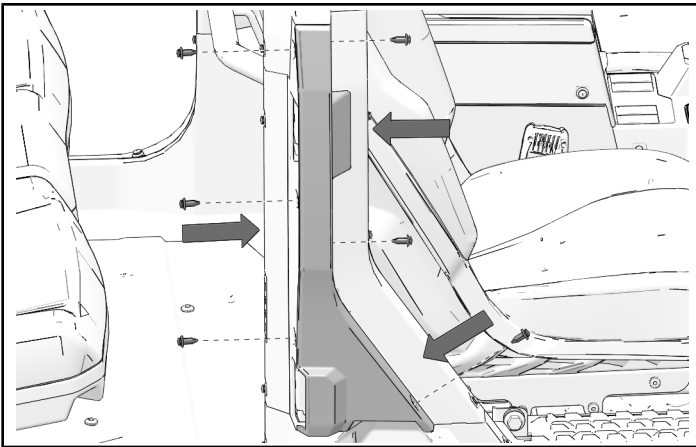
NOTICE

Right side shown; left side similar.

1. Put lower tab into opening. Turn top of trim toward vehicle.



2. Install six push pin rivets.

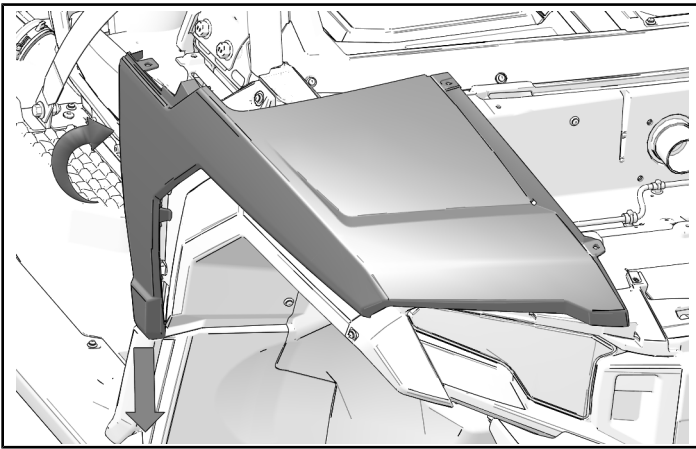


FRONT FENDER INSTALLATION

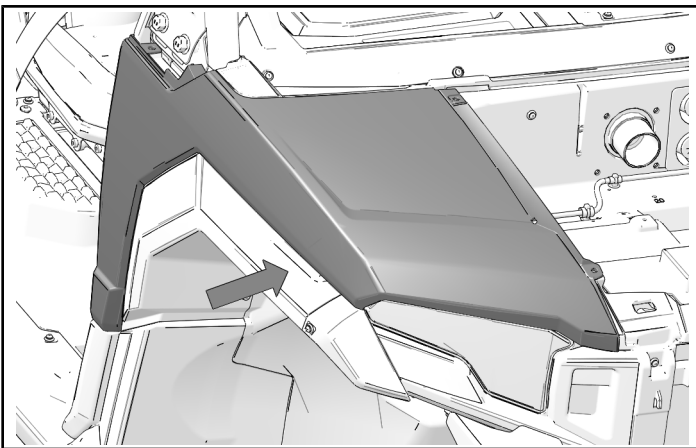
NOTICE

Right side shown; left side similar.

1. Put lower tab into opening. Turn top of fender toward vehicle.



2. Push fender inward to engage upper tabs.



3. Install two previously removed screws. Torque to specification

TIP

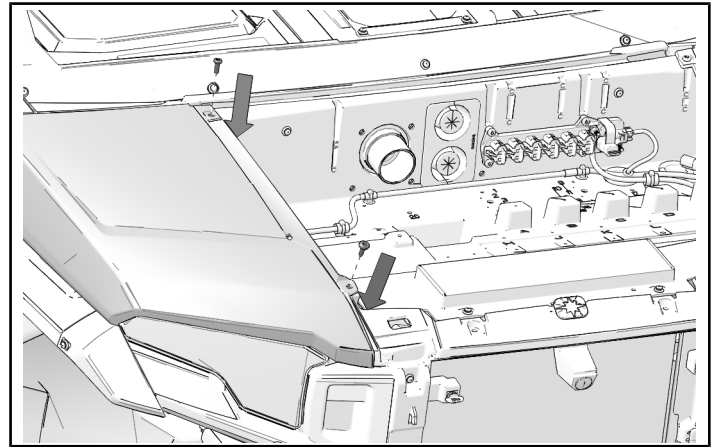
M6 screw is for front hole. #14 screw is for hole closer to dashboard.

TORQUE

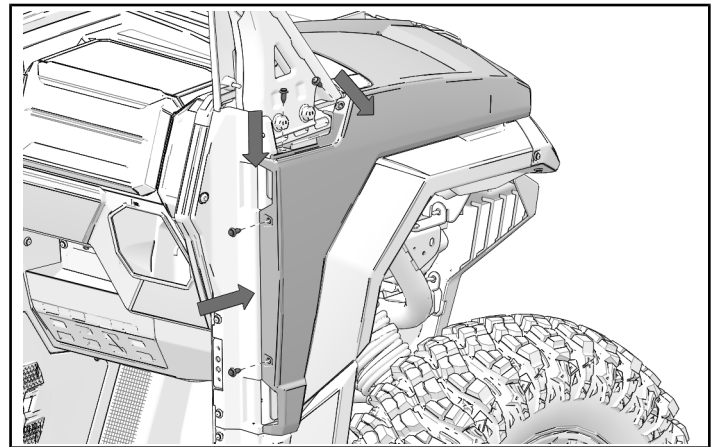
#14 Fender Screw:
30 in-lbs (3.4 N·m)

TORQUE

M6 Fender Screw:
40 in-lbs (4.5 N·m)



4. Install four push pin rivets.

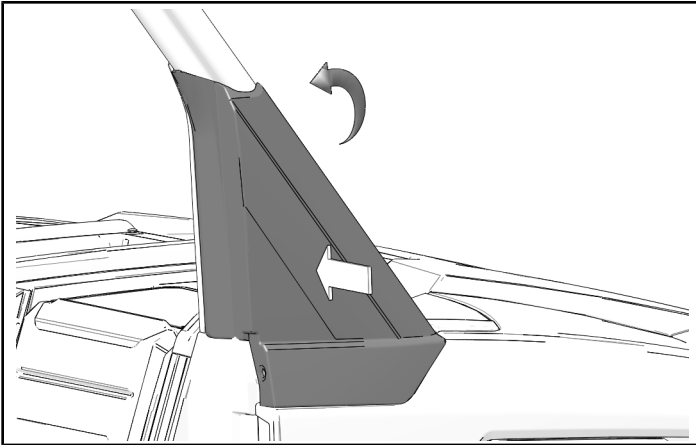


SAIL PANEL INSTALLATION

1. Install front edge of sail panel. Push panel inward and turn toward rear to install panel.

NOTICE

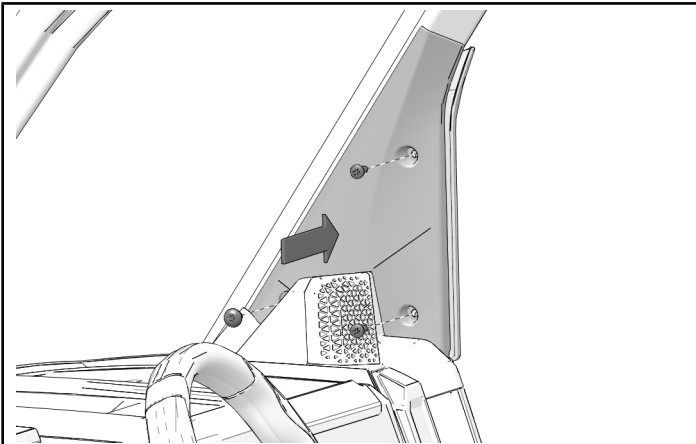
Right side shown; left side similar.



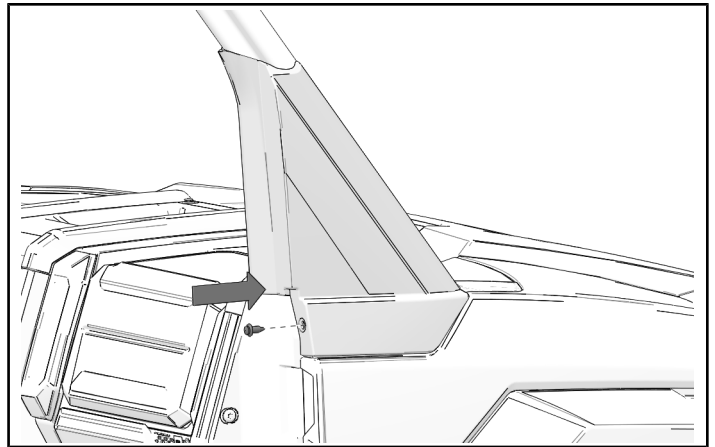
2. Install inner panel and three screws. Tighten screws to specification.

TORQUE

Screws:
22 in-lbs (2.5 N·m)

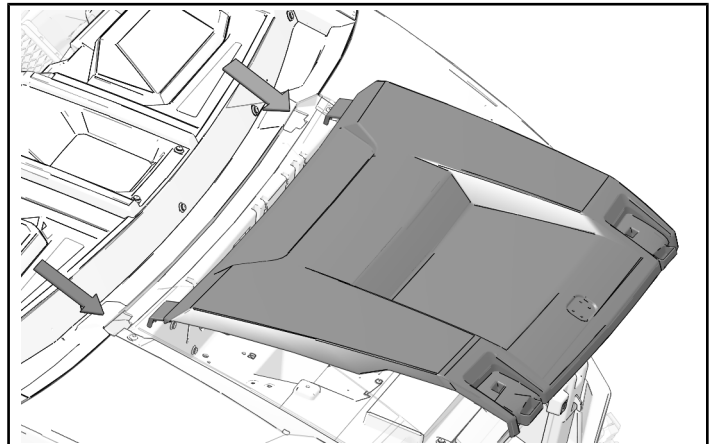


3. Install push-pin rivet.

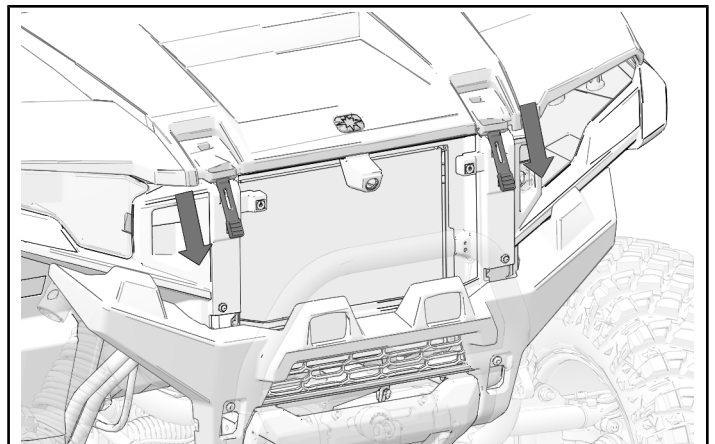


HOOD AND GRILL INSTALLATION

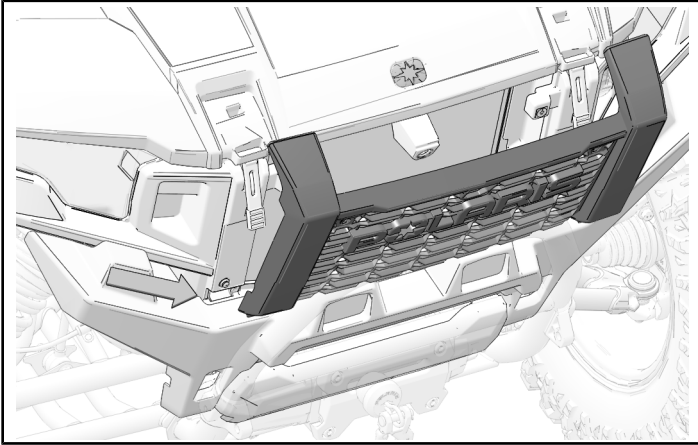
1. Put tabs on hood through openings in underhood liner. Then lower hood into position.



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.

