

CRANK DOOR KITS



P/N 2884394; 2884395

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.

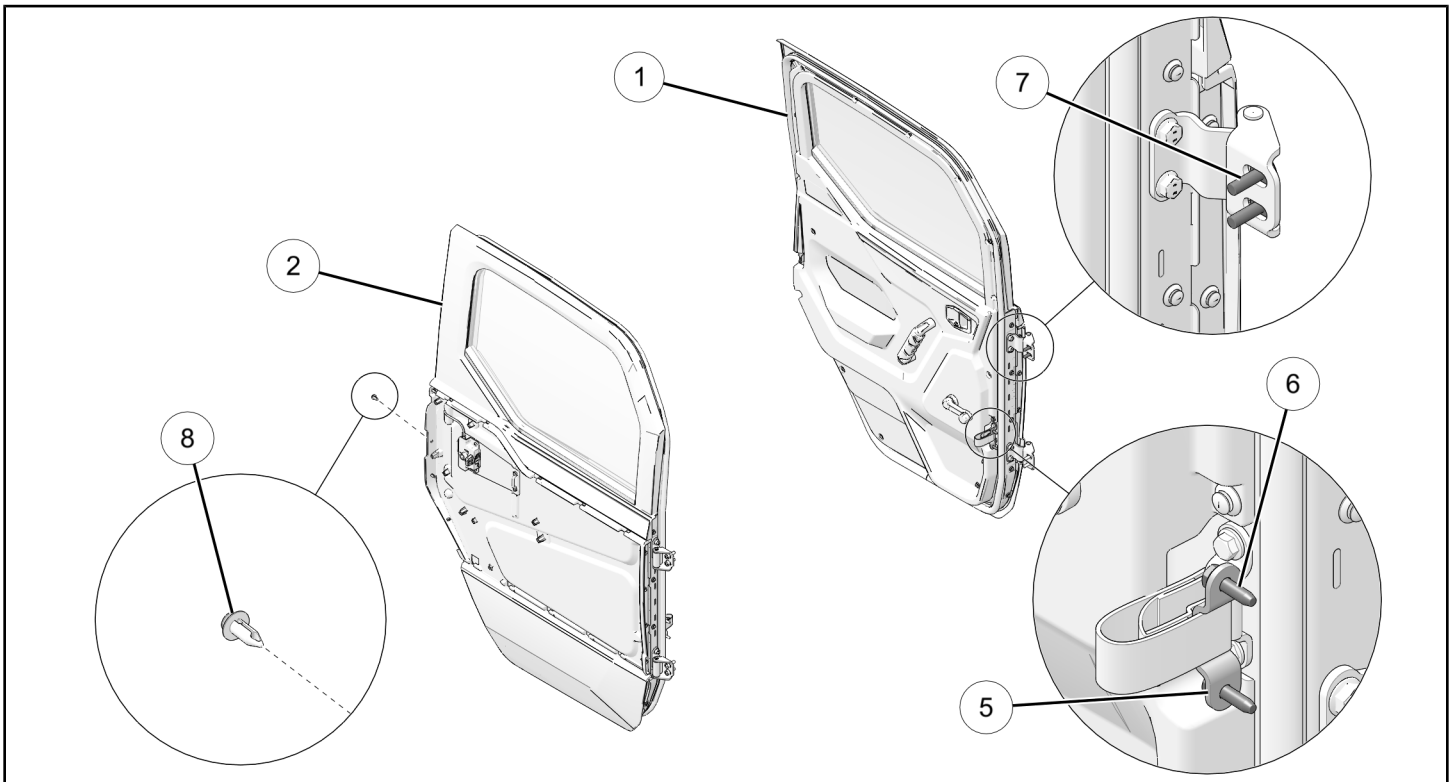
If your accessory was purchased online, please contact POLARIS® customer service at **1-800-POLARIS** (US & Canada only).

APPLICATION

Verify accessory fitment at www.polaris.com.

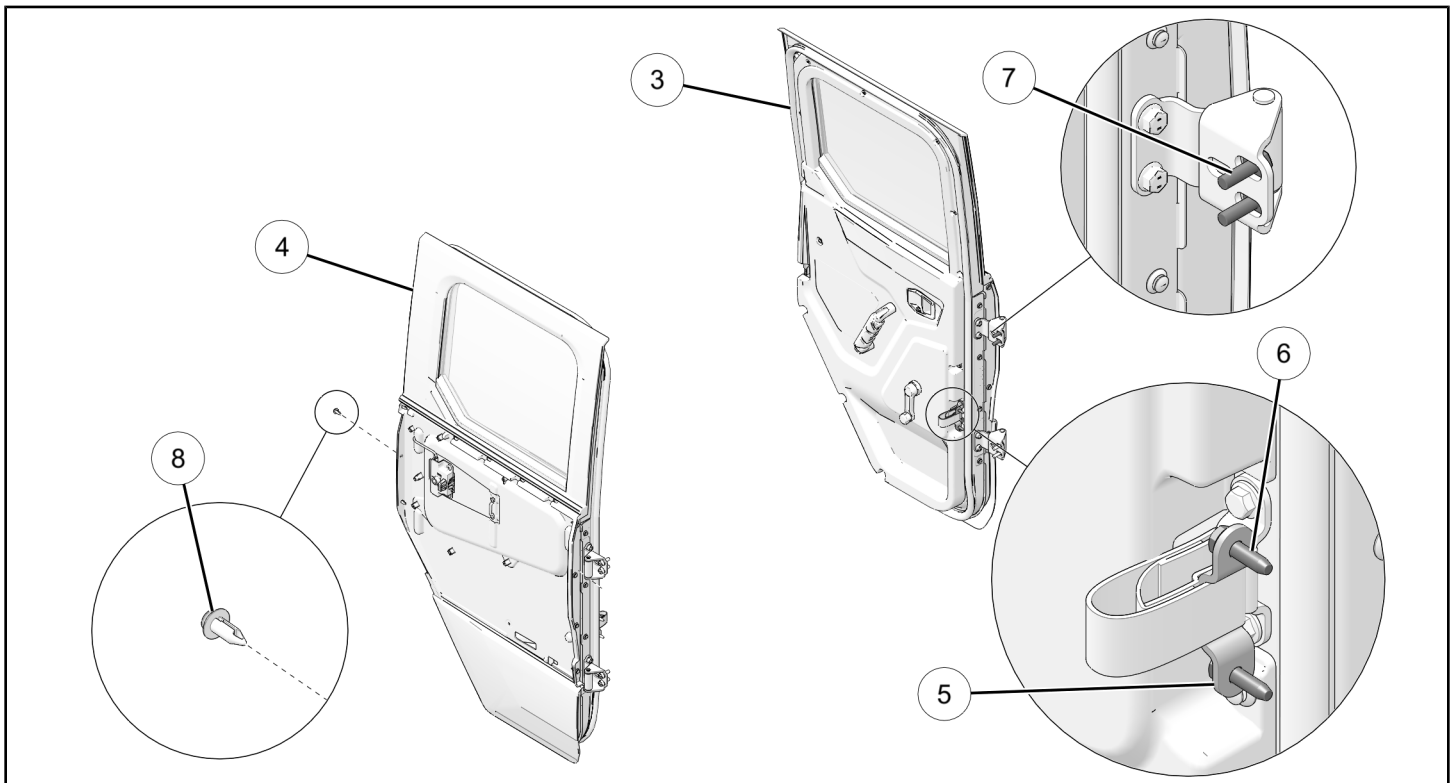
KIT CONTENTS

CRANK DOOR KIT P/N 2884394



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
1	1	Crank Door Assembly, Front Left	2637913	n/a
2	1	Crank Door Assembly, Front Right	2637914	n/a
5	2	Bracket, Limit Strap	n/a	n/a
6	4	Screw, Hex Head M6 x 1.0 x 20 mm	7518529	2209685
7	8	Screw, Hex Flange Head M8 x 1.25 x 20 mm	7528211	2209685
8	16	Rivet, Plastic Push Pin	7661855	2209685

CRANK DOOR KIT P/N 2884395



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
3	1	Crank Door Assembly, Rear Left	2637915	n/a
4	1	Crank Door Assembly, Rear Right	2637916	n/a
5	2	Bracket, Limit Strap	n/a	n/a
6	4	Screw, Hex Head M6 x 1.0 x 20 mm	7518529	2209685
7	8	Screw, Hex Flange Head M8 x 1.25 x 20 mm	7528211	2209685
8	14	Rivet, Plastic Push Pin	7661855	2209685

TOOLS REQUIRED

- Safety Glasses
- Hammer, Soft Face
- Pliers, Push Pin Rivet
- Screwdriver, Slotted
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- Wrench Set, Metric
- **Special Service Tool:**
 - Non-marring Pry Tool, P/N 5456907 (or equivalent)

IMPORTANT

Your Crank 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

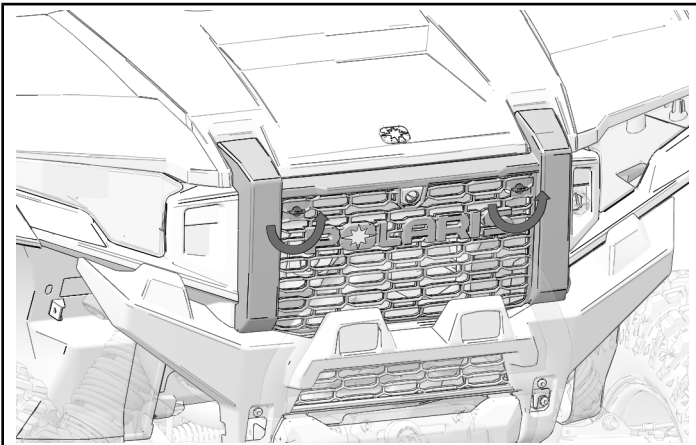
VEHICLE PREPARATION

GENERAL

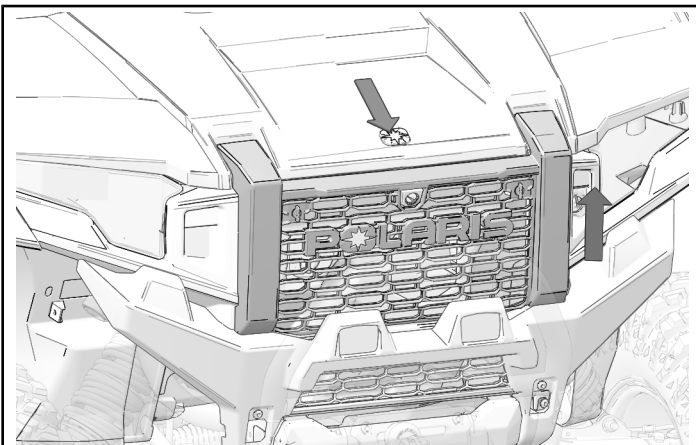
1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.

HOOD AND GRILL REMOVAL

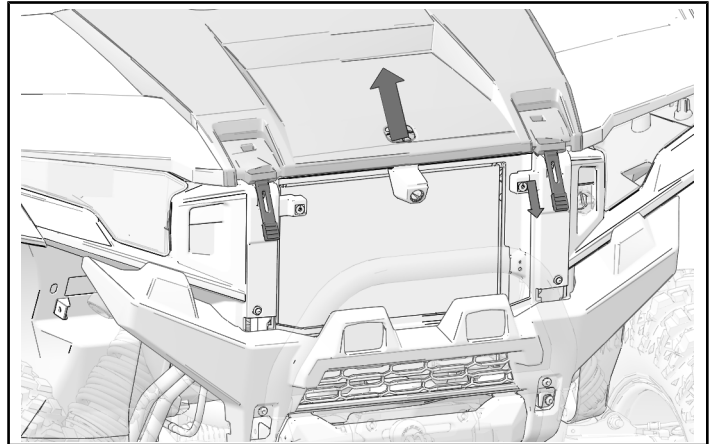
1. Turn each stud one-quarter turn to release grill.



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.



REMOVE LOWER A PILLAR TRIM

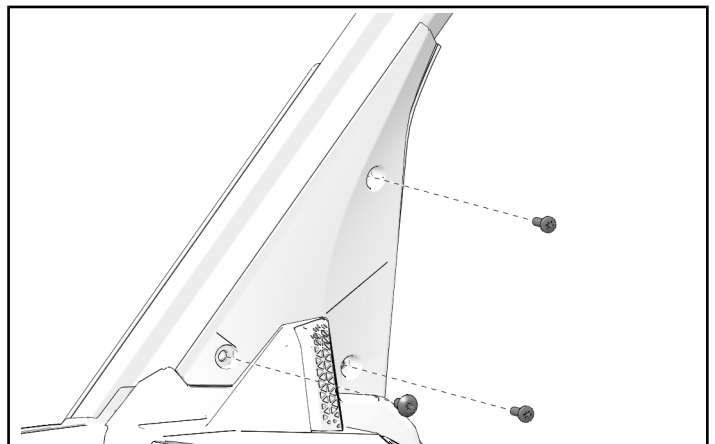
NOTICE

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

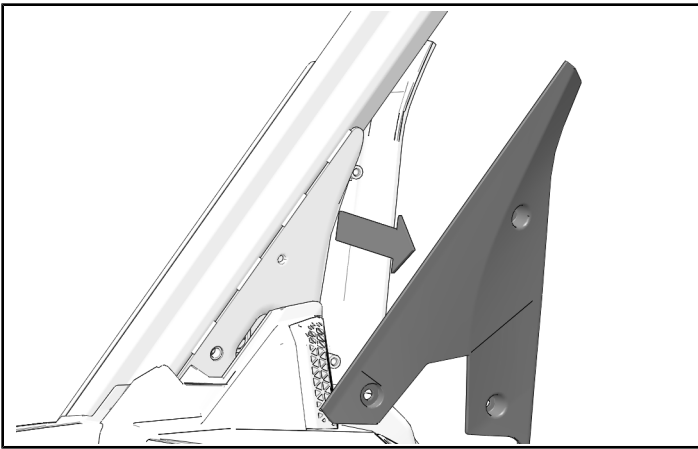
1. Remove three screws from lower A-pillar trim panel.

NOTICE

Right side shown; left side similar.



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



VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

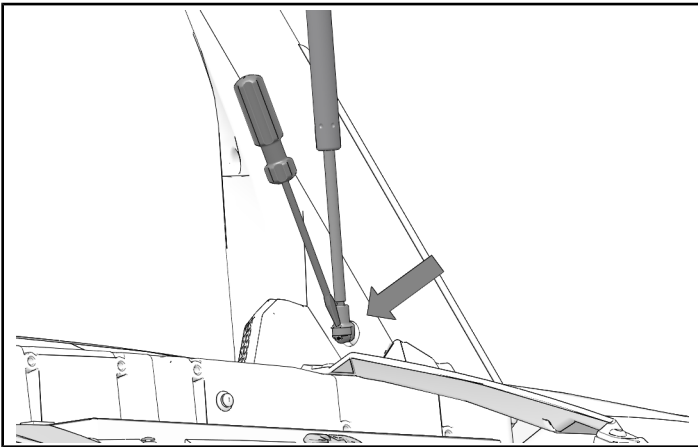
NOTICE

Left side shown; Right side similar.

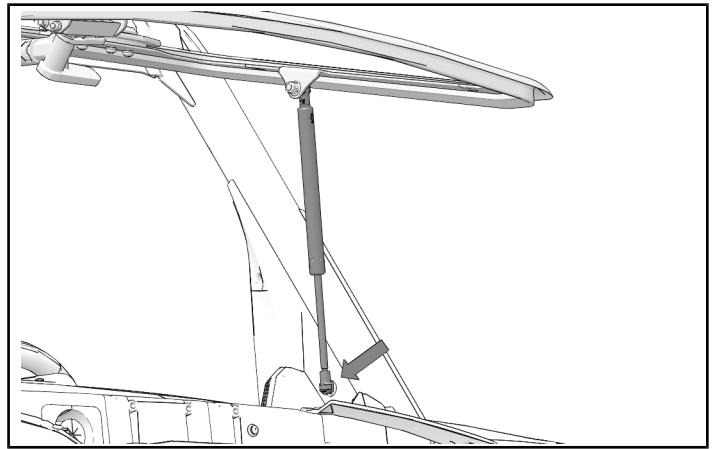
1. Open tip-out windshield. Install a support to hold weight of windshield.
2. Use appropriate tool to release clip at lower end of gas spring.

CAUTION

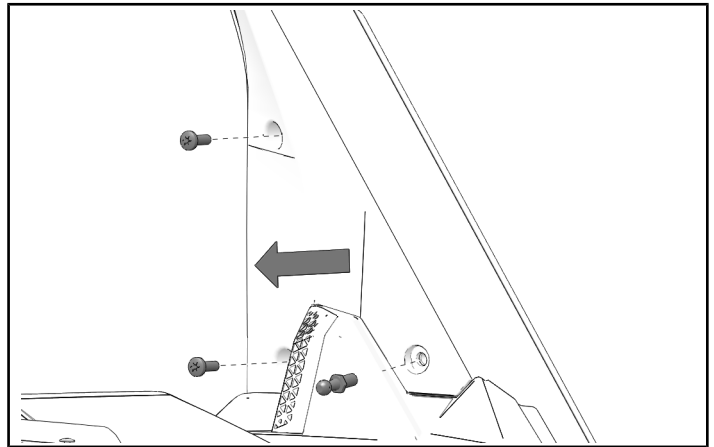
Use care when releasing the clip. Clip may spring away from fitting, and may strike objects or become lost.



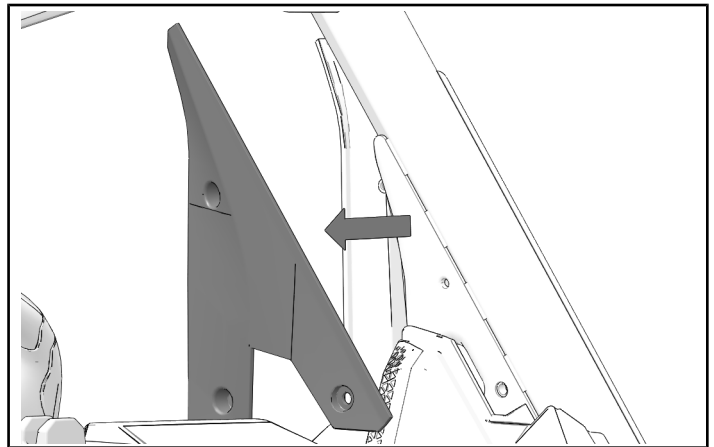
3. Disconnect bottom of gas springs.



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



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

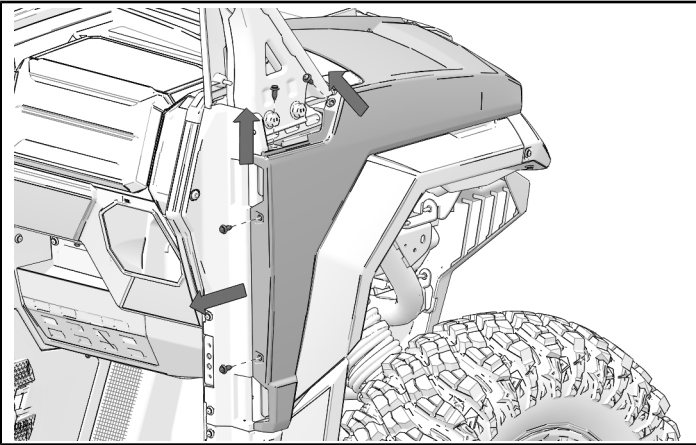


FRONT FENDER REMOVAL

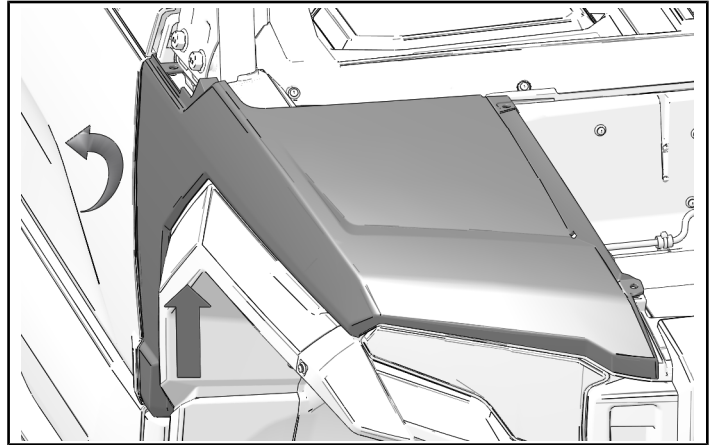
NOTICE

Right side shown; left side similar.

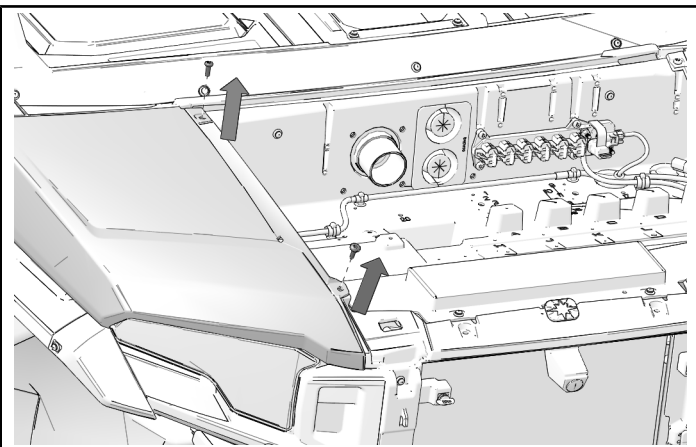
1. Remove and keep four push pin rivets from front fender.



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



2. Remove and keep two screws from front fender.



LOWER B-PILLAR TRIM REMOVAL

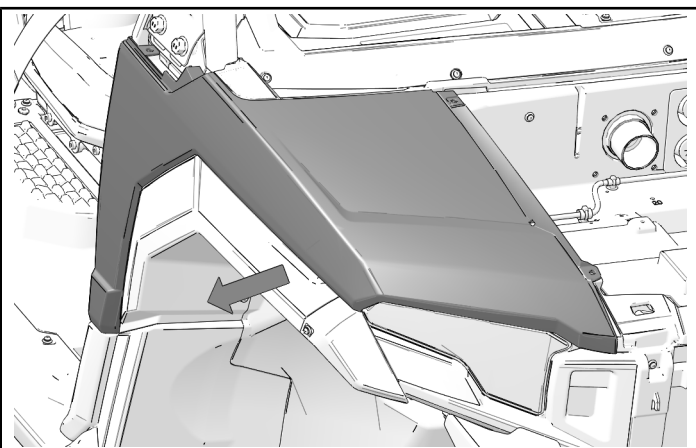
NOTICE

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

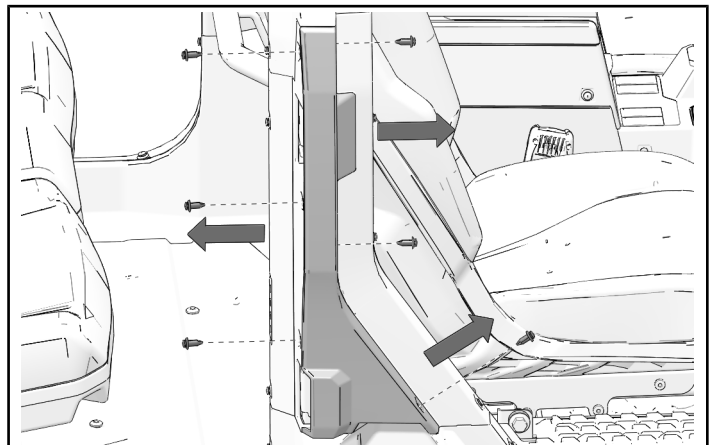
NOTICE

Right side shown; left side similar.

3. Pull fender outward to disengage upper tabs.



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.

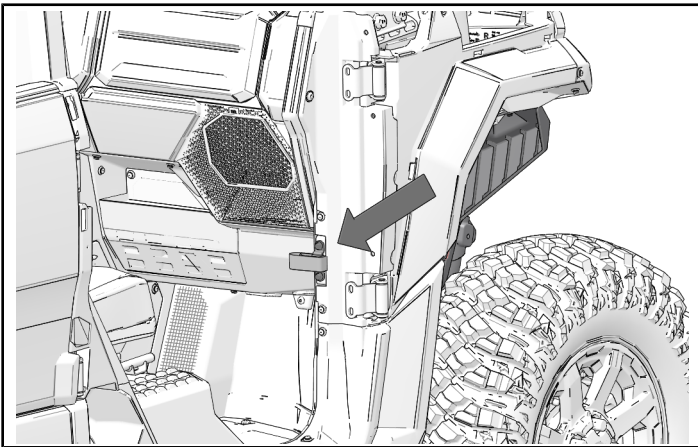
CAUTION

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

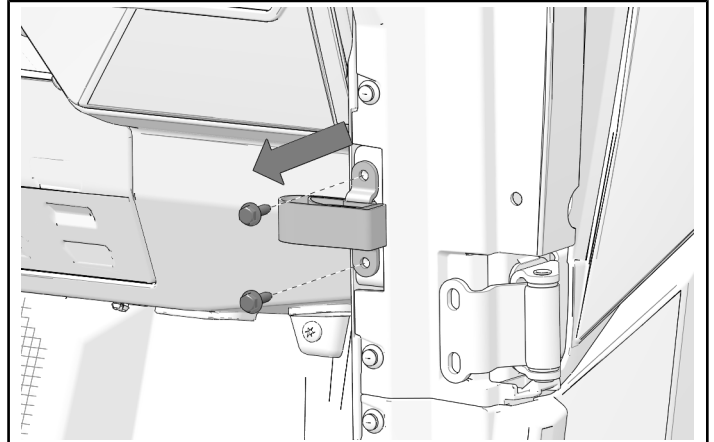
Door hidden for clarity.



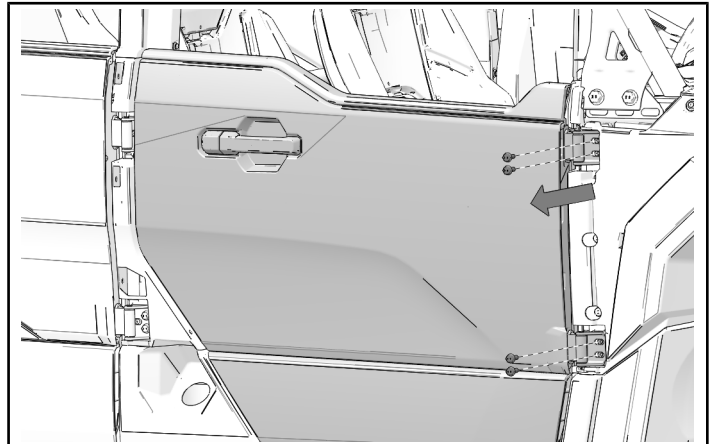
2. Remove two screws and limit strap bracket from A-pillar.

NOTICE

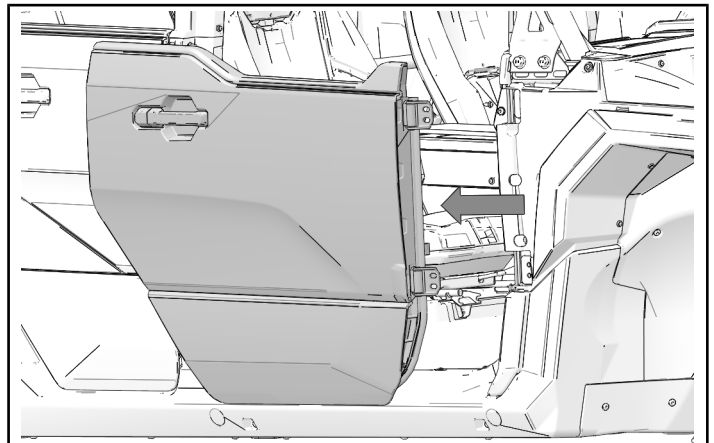
Door hidden for clarity.



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.

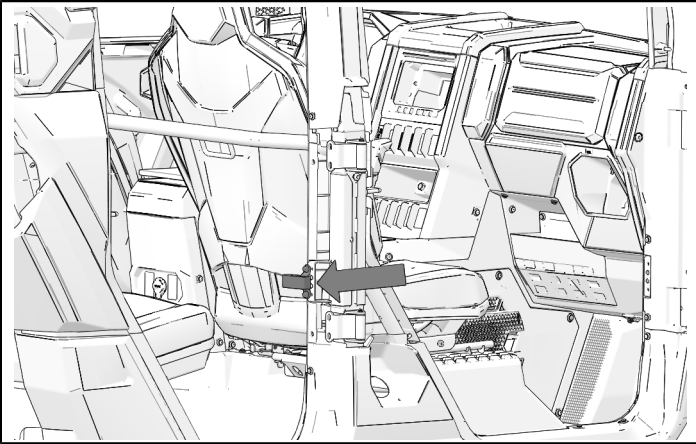
CAUTION

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

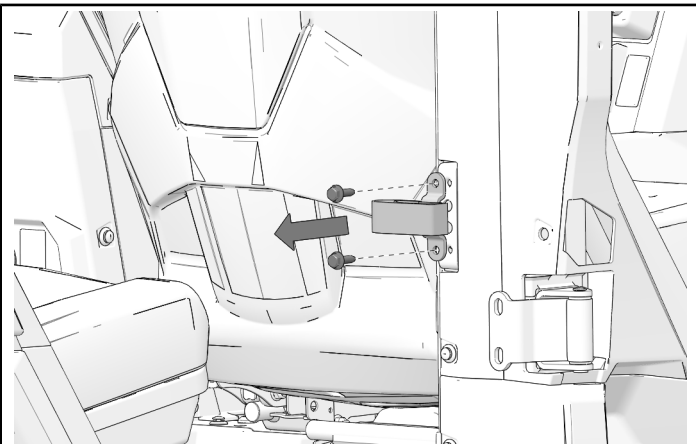
Door hidden for clarity.



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

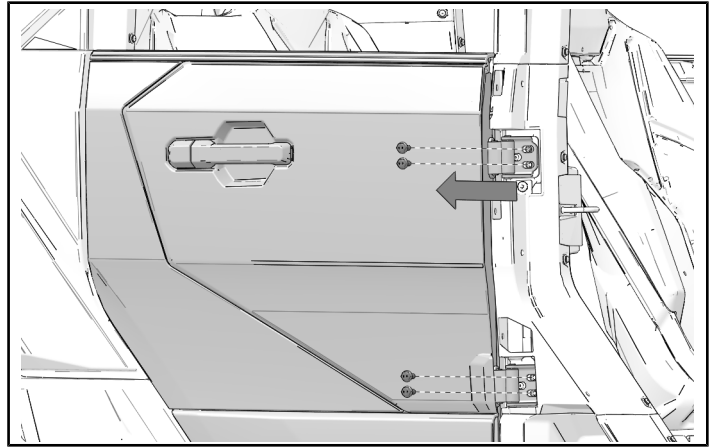
NOTICE

Door hidden for clarity.

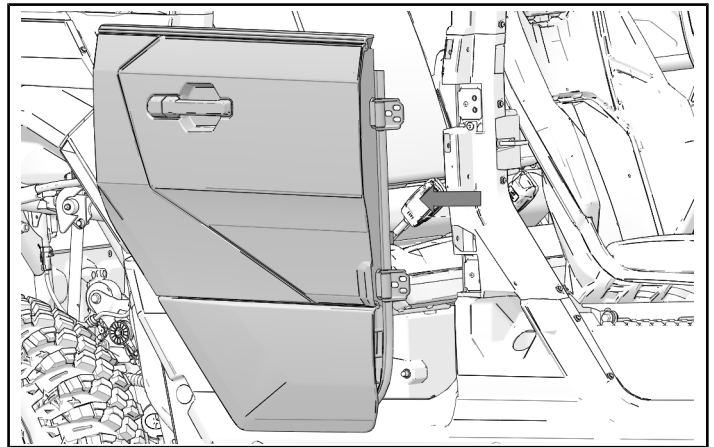


3. Close door and engage door with striker. This will help support door while hinge screws are removed.

4. Remove four hinge screws.



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



FRONT DOOR TRIM PANEL REMOVAL (2-PASSENGER VEHICLE)

NOTICE

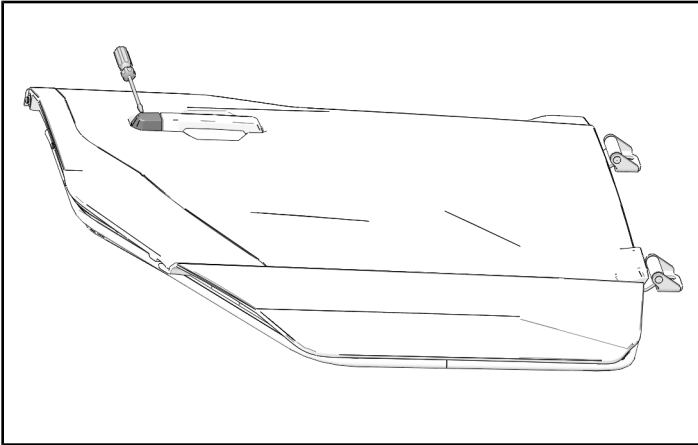
Right side shown; left side similar.

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

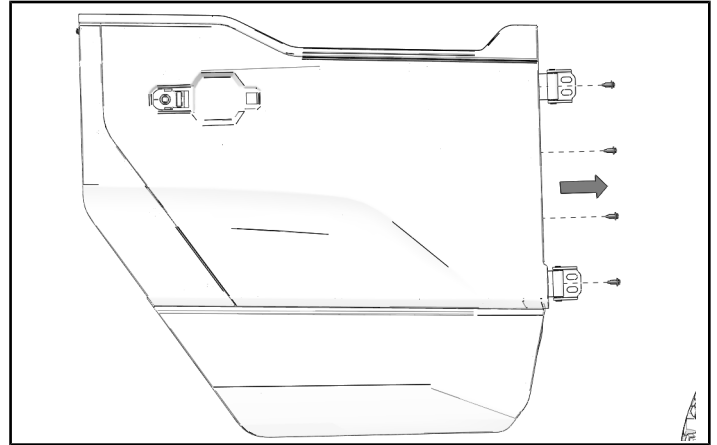
CAUTION

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

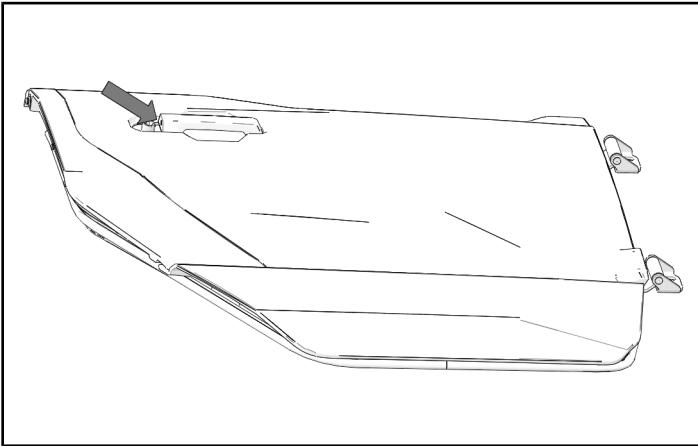
2. Remove and keep handle cover by prying up cover.



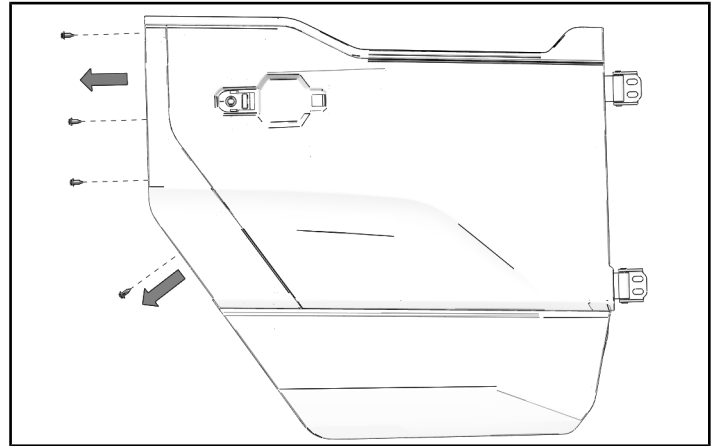
5. Remove and keep four push pin rivets from front of door.



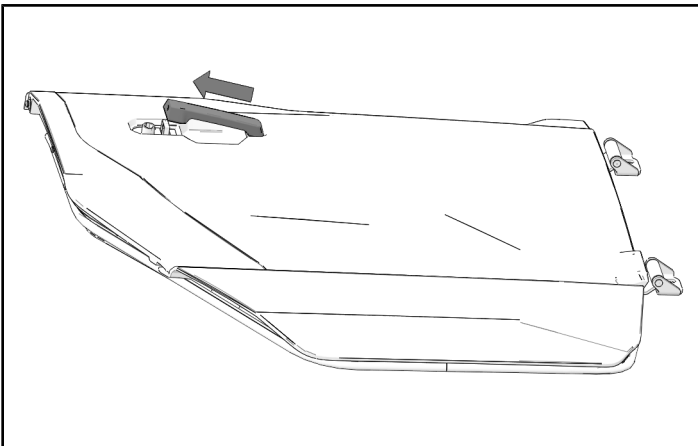
3. Remove and keep screw to separate handle from actuator.



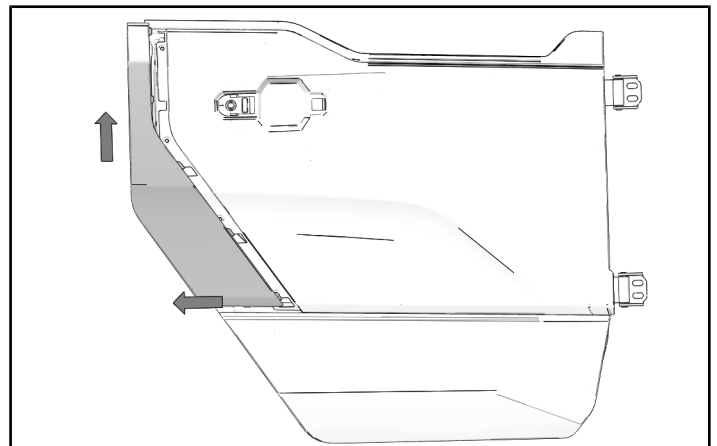
6. Remove and keep three push pin rivets from rear of door.



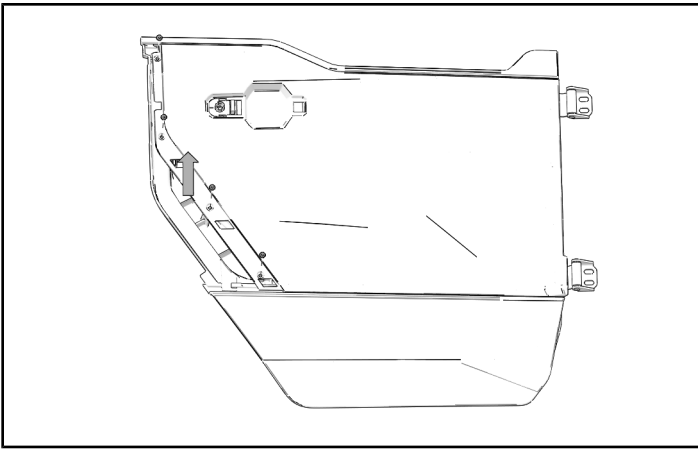
4. Lift handle away from actuator and pull backwards to remove handle. Keep handle for later installation.



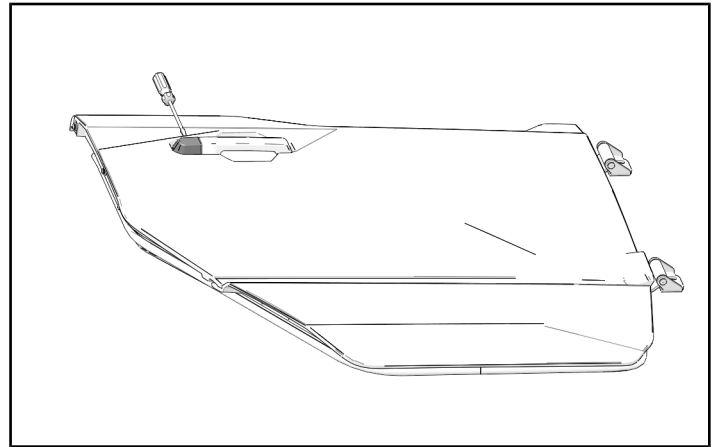
7. Move filler panel toward rear and lift to remove panel. Keep panel for later installation.



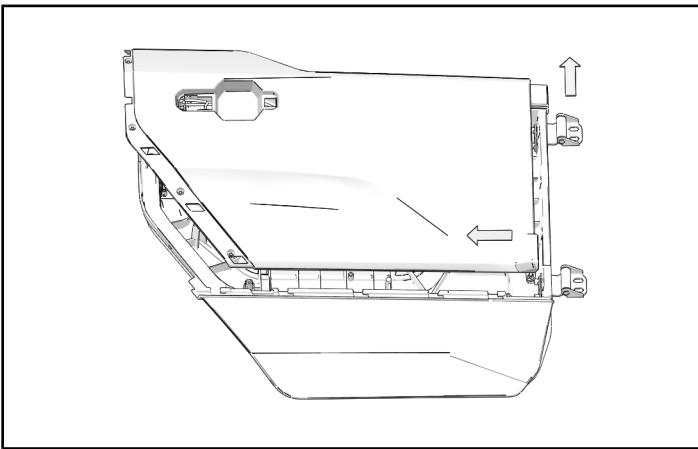
8. Remove and keep four screws.



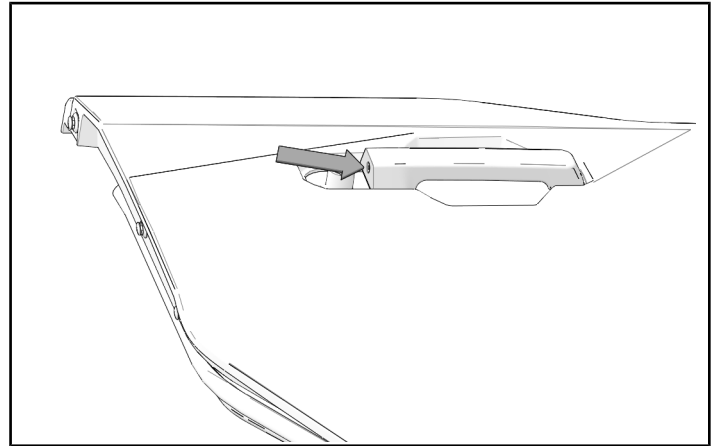
2. Remove and keep handle cover by prying up cover.



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



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



FRONT DOOR TRIM PANEL REMOVAL (MULTI-PASSENGER VEHICLE)

NOTICE

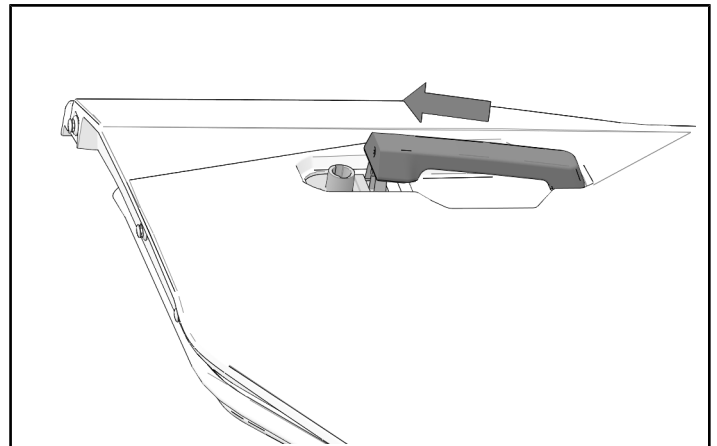
Right side shown; left side similar.

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

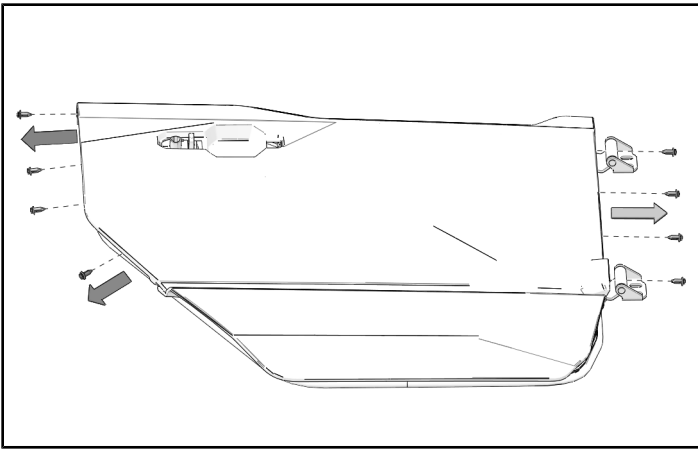
CAUTION

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

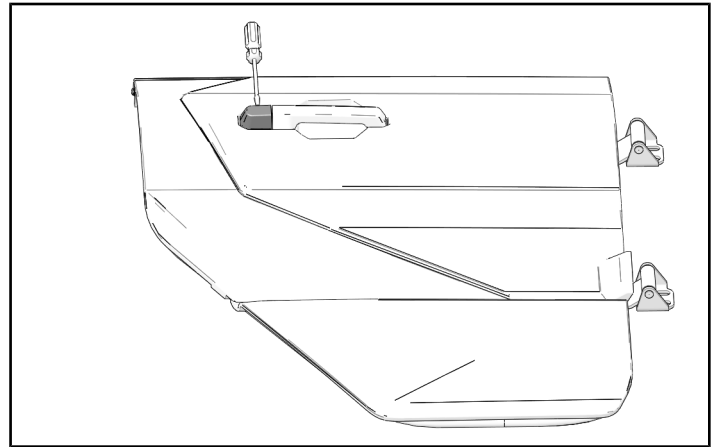
4. Lift handle away from actuator and pull backwards to remove handle. Keep handle for later installation.



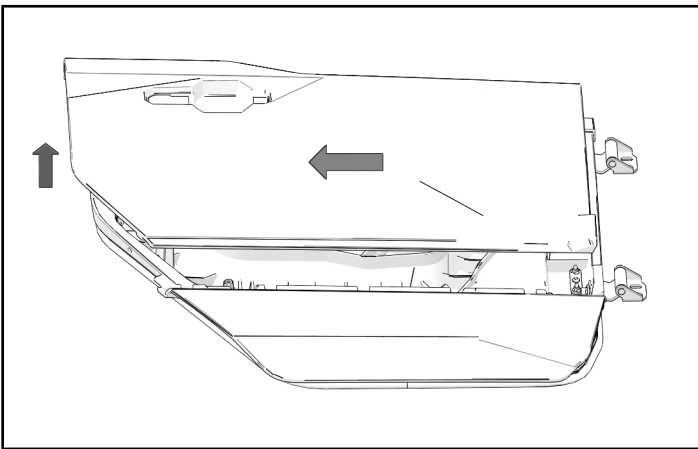
5. Remove and keep eight push pin rivets from door.



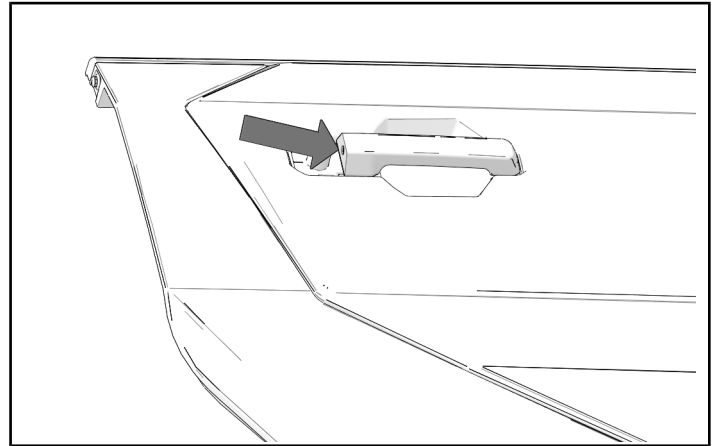
2. Remove and keep handle cover by prying up cover.



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



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



REAR DOOR TRIM PANEL REMOVAL

NOTICE

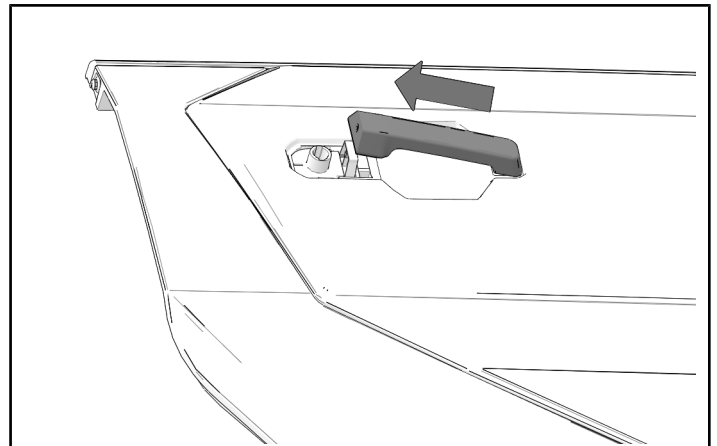
Right side shown; left side similar.

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

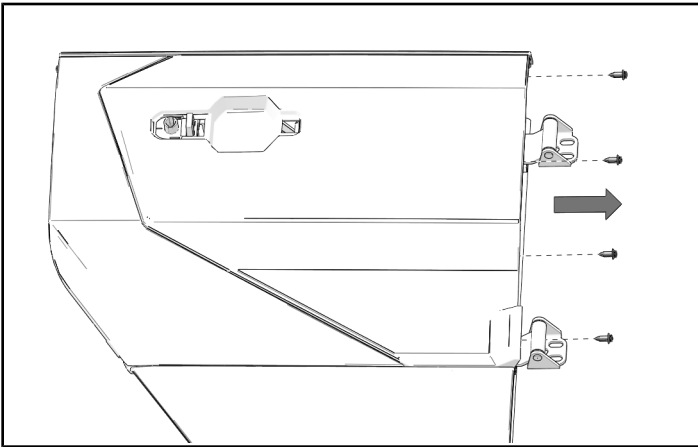
CAUTION

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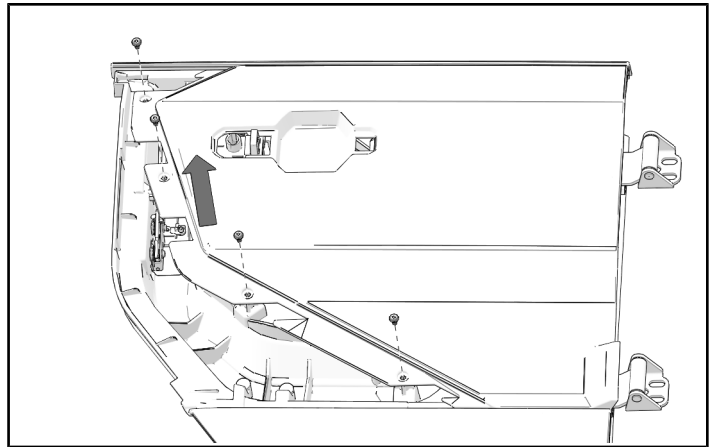
4. Lift handle away from actuator and pull backwards to remove handle. Keep handle for later installation.



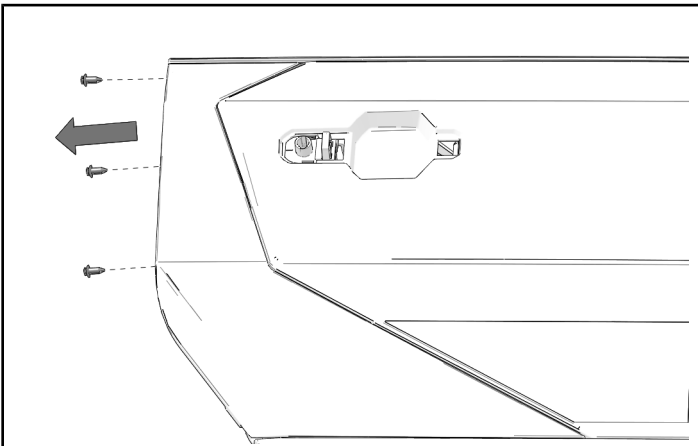
5. Remove and keep four push pin rivets from front of door.



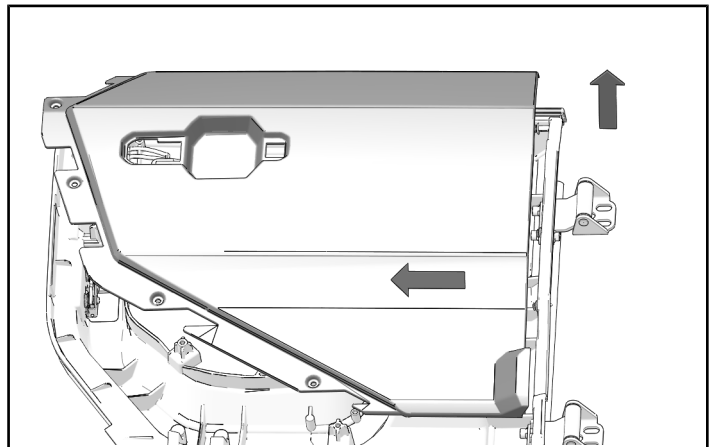
8. Remove and keep four screws.



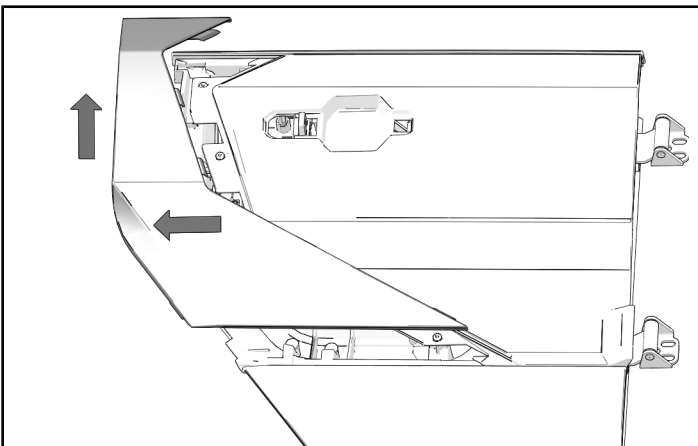
6. Remove and keep three push pin rivets from rear of door.



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



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



ACCESSORY INSTALLATION

DOOR ASSEMBLY ENGAGEMENT POINTS

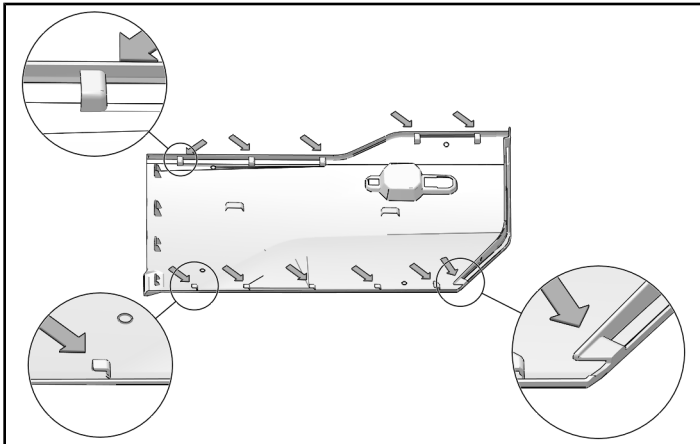
NOTICE

Right side shown; left side similar.

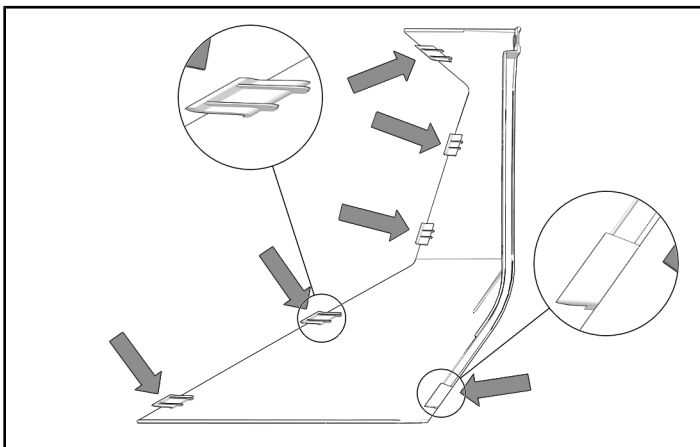
1. Inside of the trim panel features tabs which fit in to the slots on the doors. There are up to five tabs along the top of the panel, and up to five along the bottom of the panel. Additionally, the lower rear corner of the trim panel fits over a tab on the door.

NOTICE

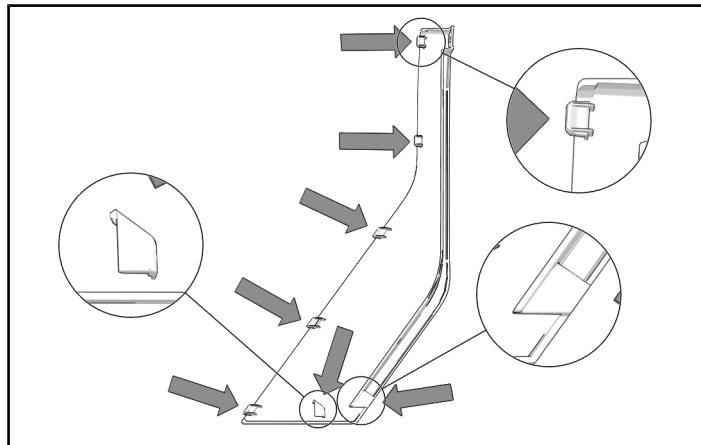
Typical panel shown; others similar.



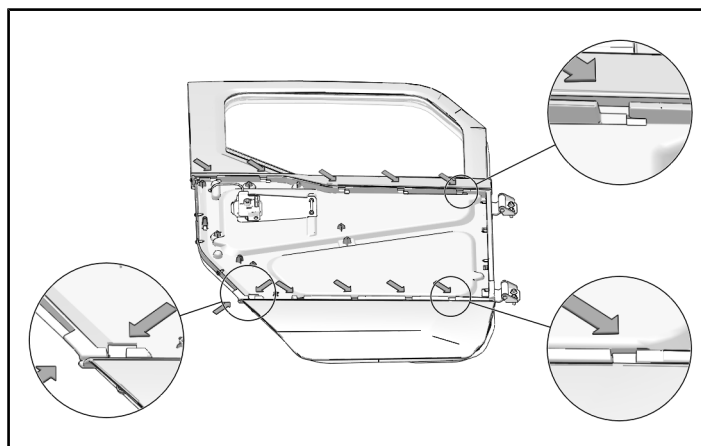
2. The filler panel for the rear doors has six engagement points. The lower rear corner of the panel fits over a tab on the door. The other five tabs engage with the main trim panel on the door.



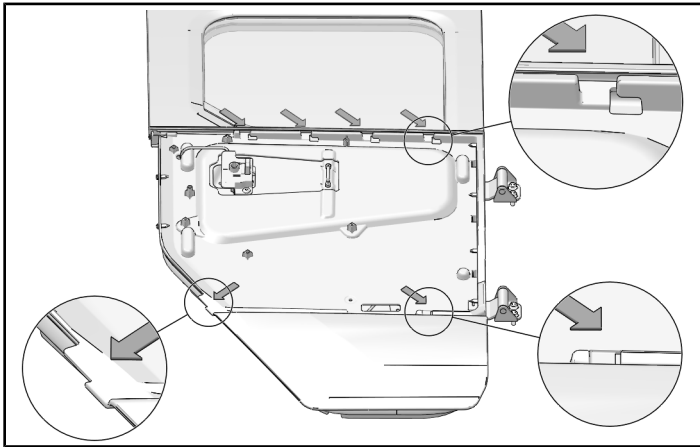
3. The filler panel for the 2-passenger doors has seven engagement points. The lower rear corner of the panel fits over a tab on the door, and there is one tab that will fit into a slot on the door. The other five tabs engage with the main trim panel on the door.



4. The front door has five slots along the top and five slots along the bottom. Tabs from the trim panels fit into these slots. Additionally, there is a tab at the lower rear of the door which engages a slot on the trim panels.



- The rear door has five slots along the top and one slot at the bottom. Tabs from the trim panels fit into these slots. Additionally, there is a tab at the lower rear of the door which engages a slot on the trim panels.



FRONT DOOR ASSEMBLY (2-PASSENGER VEHICLE)

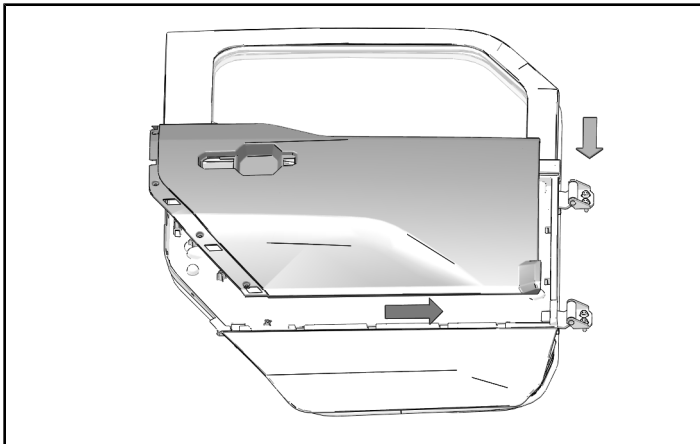
NOTICE

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 the doors.

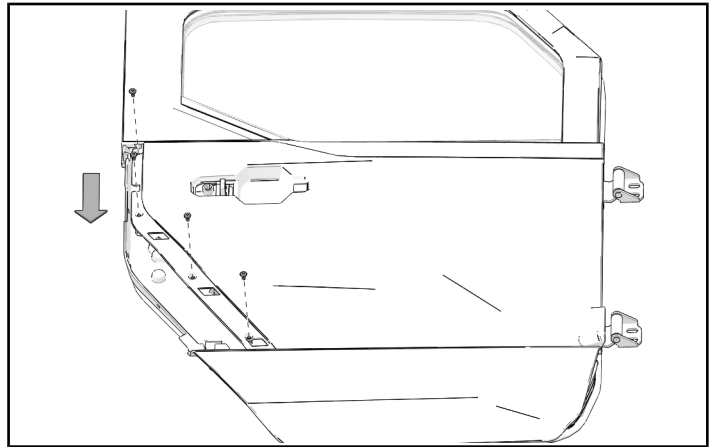
- Lay door flat, with the outside facing up.
- Lower previously removed trim panel and slide forward into the proper position.



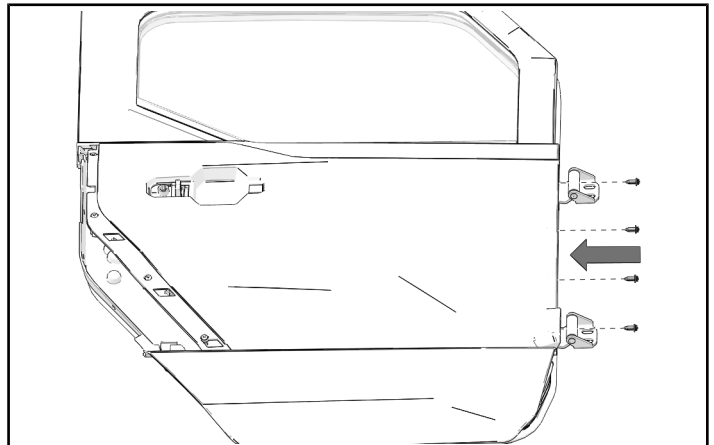
- Install four previously removed screws. Torque screws to specification.

TORQUE

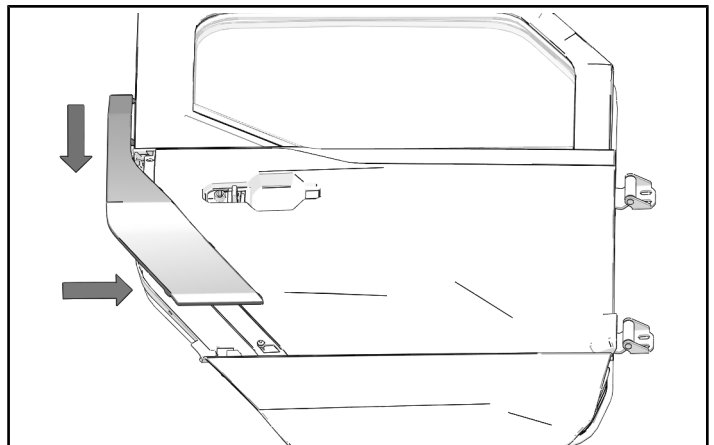
Screws:
18 in-lbs (2 N·m)



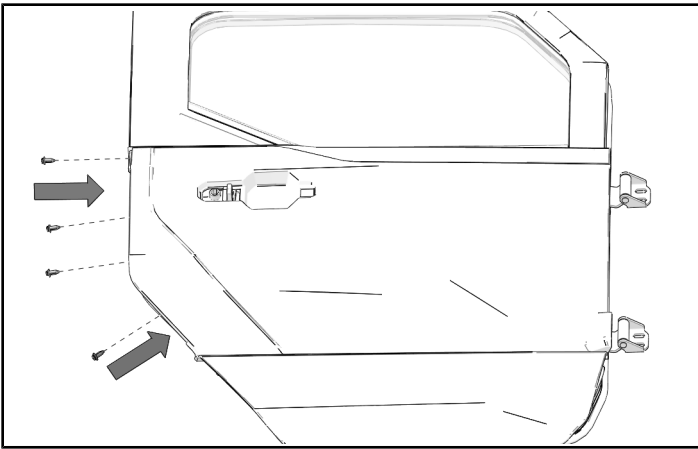
- Install four previously removed push pin rivets ⑧.



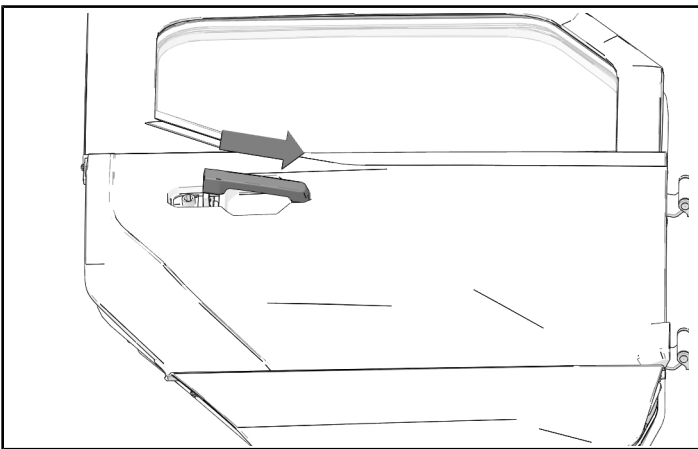
- Lower previously removed filler panel and slide forward into the proper position.



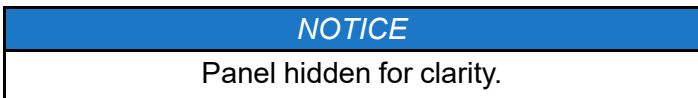
6. Install four previously removed push pin rivets.



7. Install previously removed door handle through the opening in the panel.

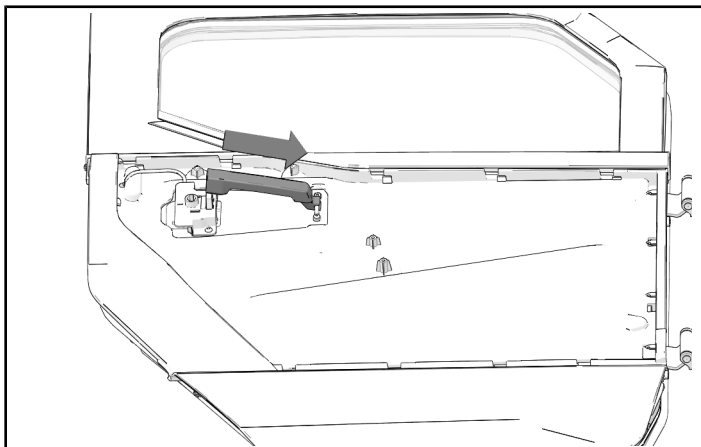


8. Handle must engage hinge under the panel for handle to work properly. Handle will audibly click into place on the loop.

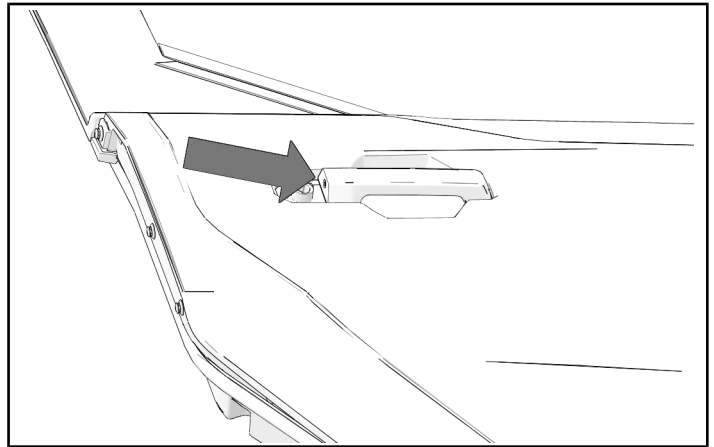


NOTICE

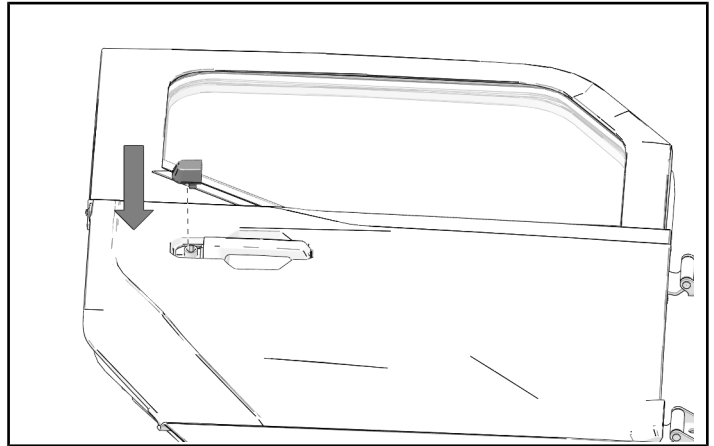
Panel hidden for clarity.



9. Lower handle over actuator. Install previously removed screw to attach handle to actuator.



10. Push previously removed cover into place over the actuator.



**FRONT DOOR ASSEMBLY
(MULTI-PASSENGER VEHICLE)**

NOTICE

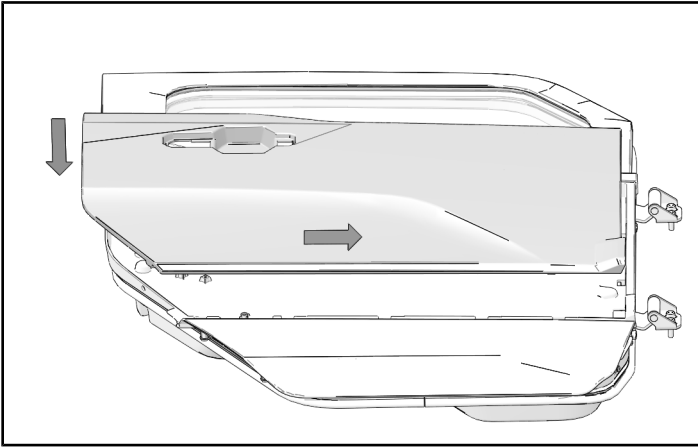
Right side shown; left side similar.

CAUTION

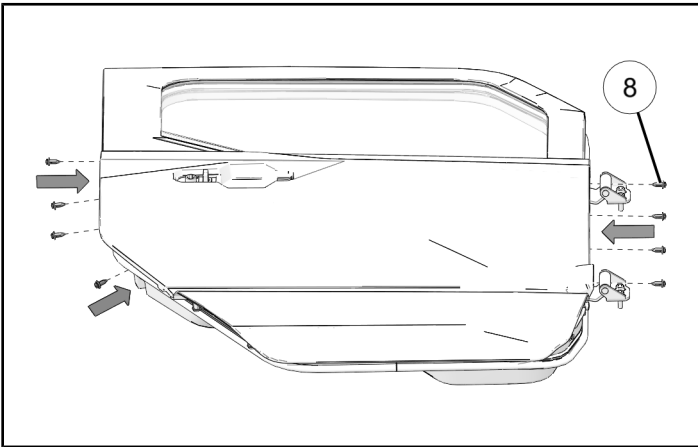
Doors are large and may weigh up to 60 lb (27 kg). Use assistance when lifting and moving the doors.

1. Lay door flat, with the outside facing up.

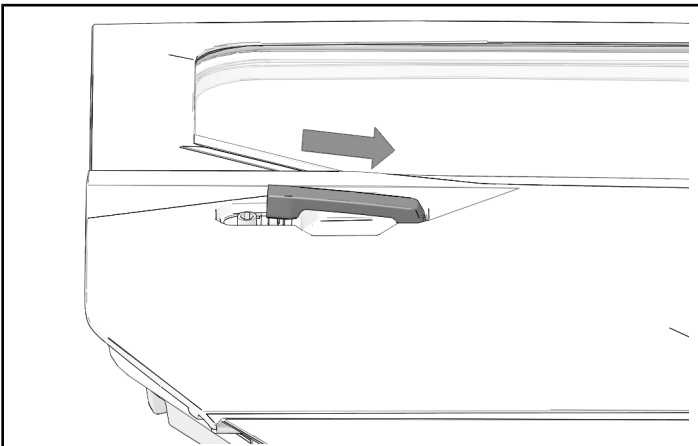
2. Lower previously removed trim panel and slide forward into the proper position.



3. Install eight previously removed push pin rivets ⑧.



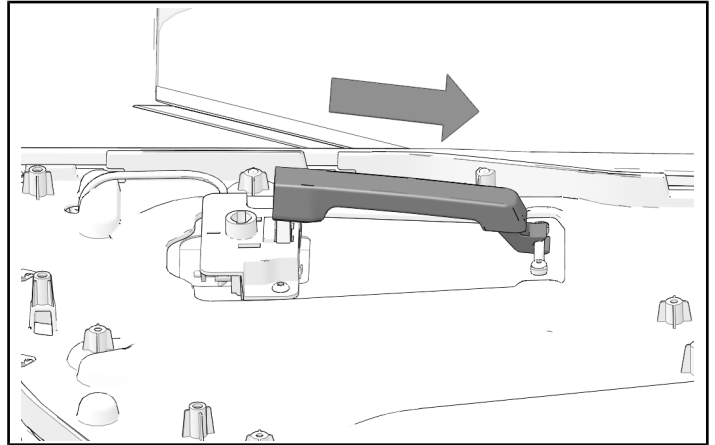
4. Install previously removed door handle through the opening in the panel.



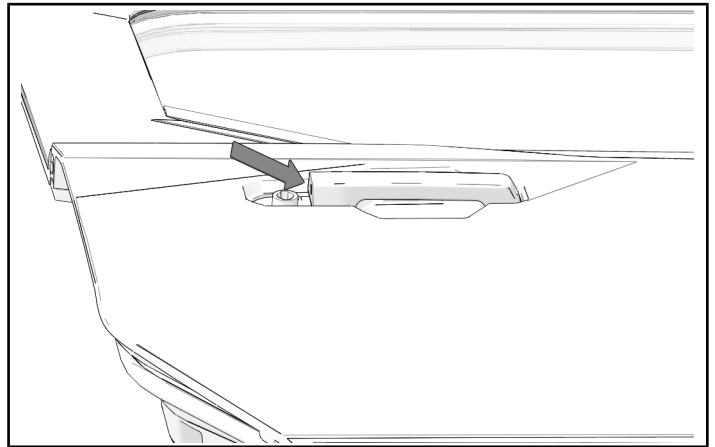
5. Handle must engage hinge under the panel for handle to work properly. Handle will audibly click into place on the loop.

NOTICE

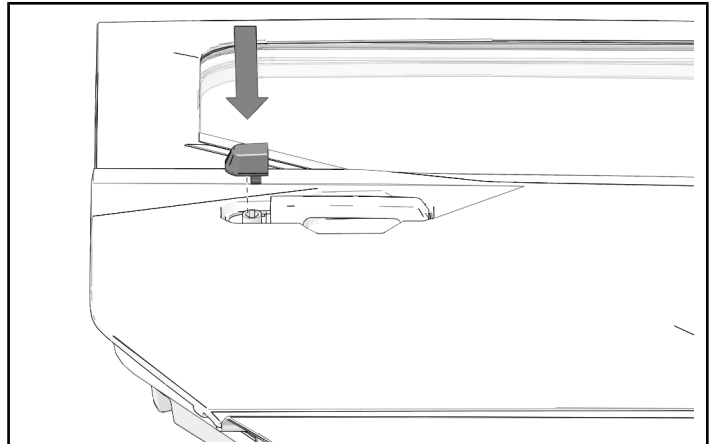
Panel hidden for clarity.



6. Lower handle over actuator. Install previously removed screw to attach handle to actuator.



7. Push previously removed cover into place over the actuator.

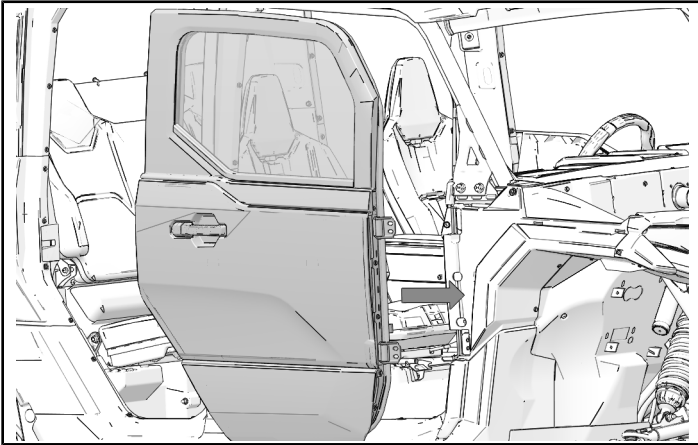


FRONT DOOR INSTALLATION

NOTICE

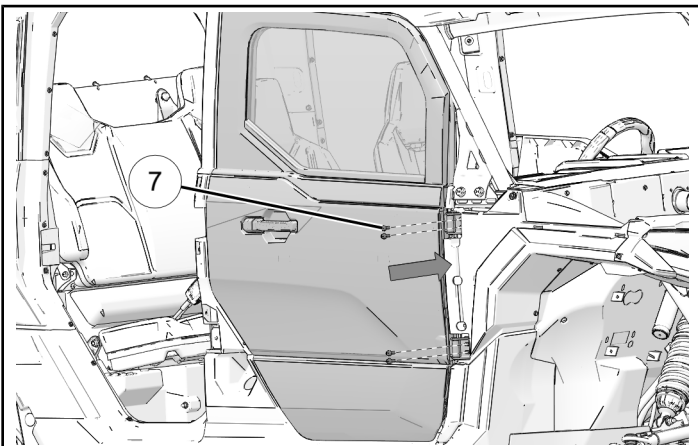
Right side shown; left side similar.

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



2. Loosely install four hinge screws ⑦.

DO NOT torque fasteners at this time.



FRONT DOOR ADJUSTMENT

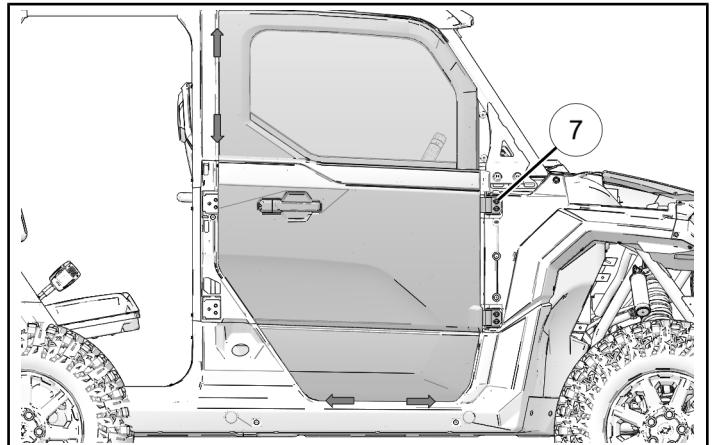
NOTICE

Right side shown; left side similar.

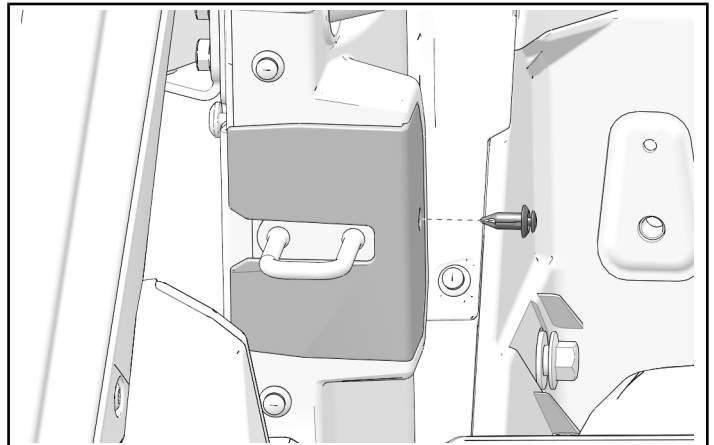
1. Inspect outer edges of door ensuring gaps are even on the rear side and bottom of the door (see arrows). Make sure that trim panel on the door lines up with the B-pillar trim panel. When door is properly positioned, torque hinge screws ⑦ to specification.

TORQUE

Hinge Screws ⑦:
26 ft-lbs (35 N·m)



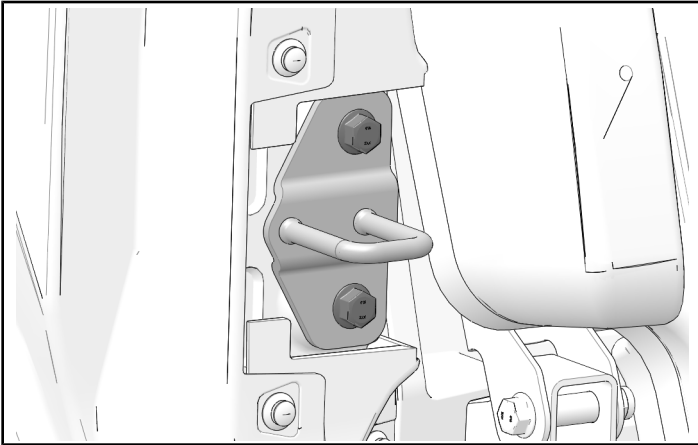
2. After door is properly positioned, check engagement with the striker. Adjust striker up or down as needed for proper latching. If door does not seal or rattles when latched, adjust striker inward. If door is difficult to open, adjust striker outward. Remove striker cover to access striker screws.



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

TORQUE

Striker screws:
26 ft-lbs (35 N·m)



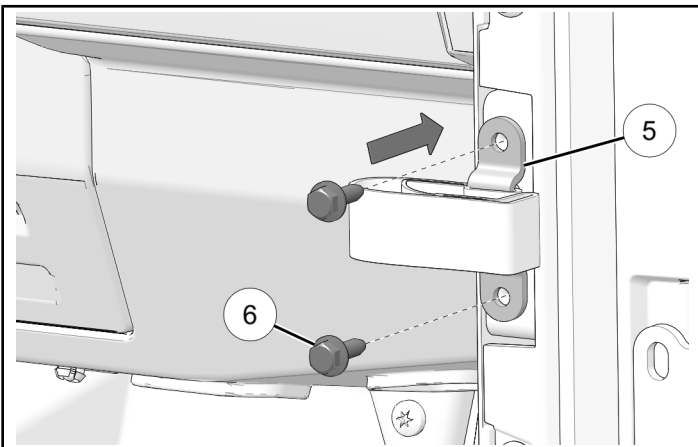
- Thread bracket ⑤ through the limit strap. Install bracket and two screws ⑥ to the A-pillar. Torque bracket screws to specification.

TORQUE

Bracket Screws ⑥:
9 ft-lbs (12 N·m)

NOTICE

Doors hidden for clarity.



REAR DOOR ASSEMBLY

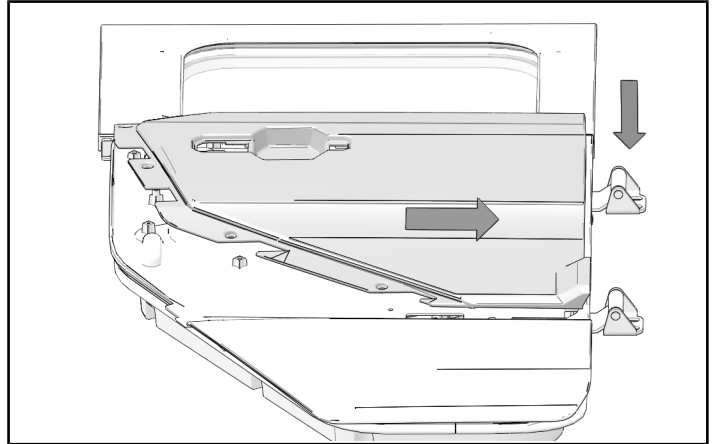
NOTICE

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 the doors.

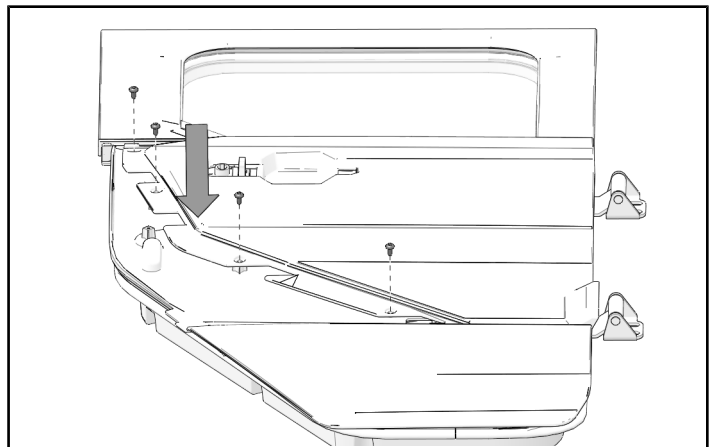
- Lay door flat, with the outside facing up.
- Lower previously removed trim panel and slide forward into the proper position.



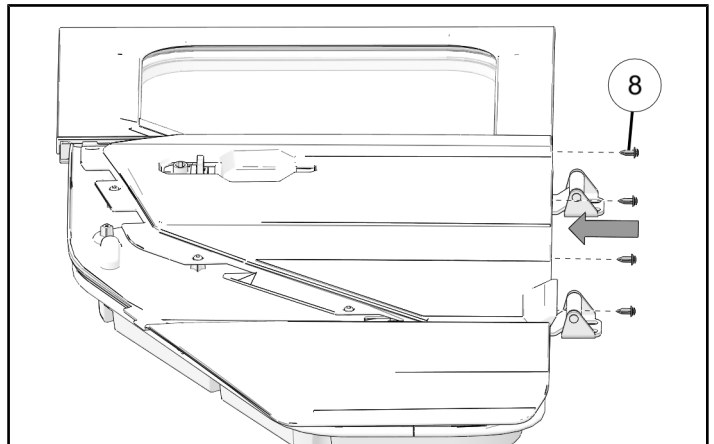
- Install four previously removed screws. Torque screws to specification.

TORQUE

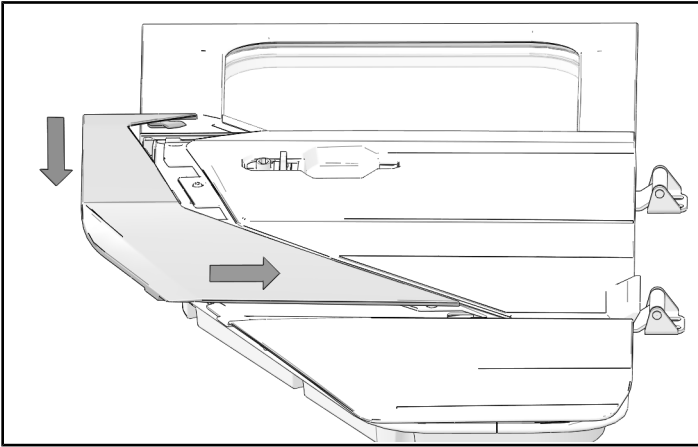
Screws:
18 in-lbs (2 N·m)



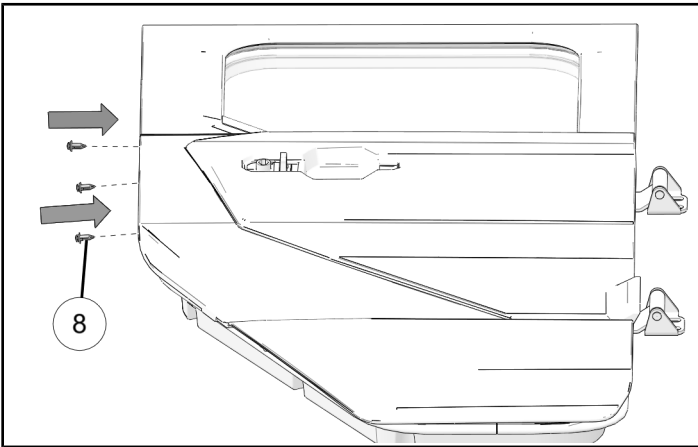
- Install four previously removed push pin rivets ⑧.



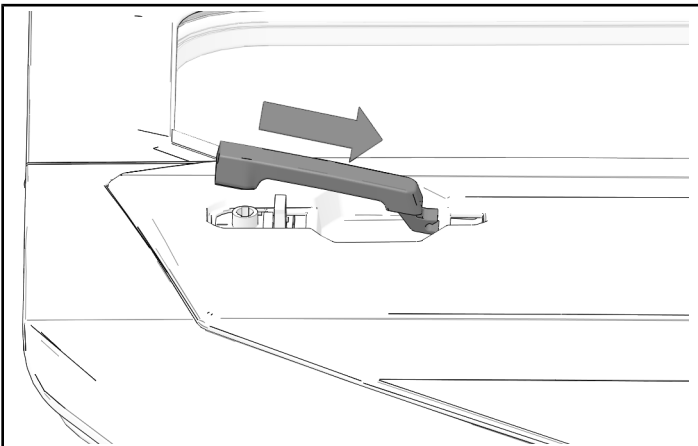
5. Lower previously removed filler panel and slide forward into the proper position.



6. Install three previously removed push pin rivets ⑧.



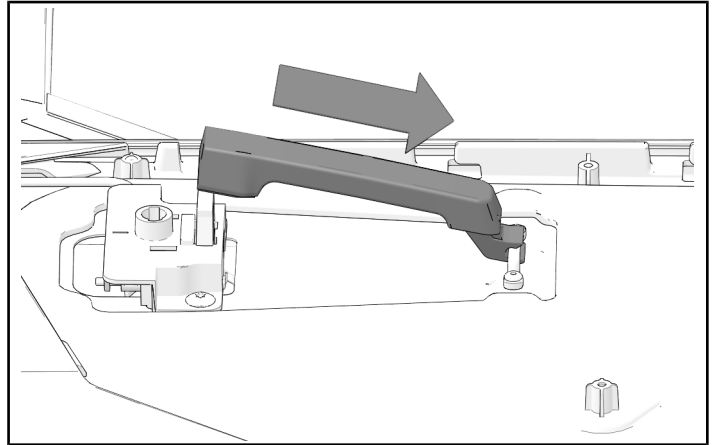
7. Install previously removed door handle through the opening in the panel.



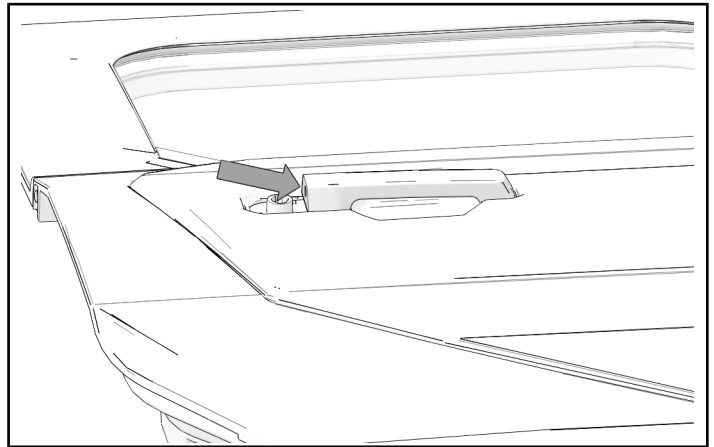
8. Handle must engage hinge under the panel for handle to work properly. Handle will audibly click into place on the loop.

NOTICE

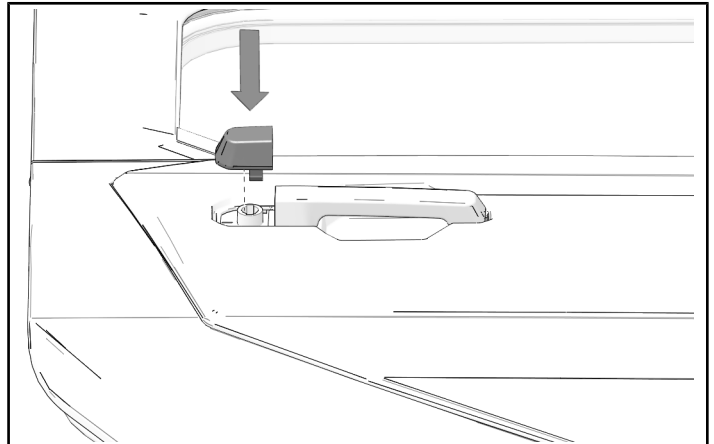
Panel hidden for clarity.



9. Lower handle over actuator. Install previously removed screw to attach handle to actuator.



10. Push previously removed cover into place over the actuator.



REAR DOOR INSTALLATION

NOTICE

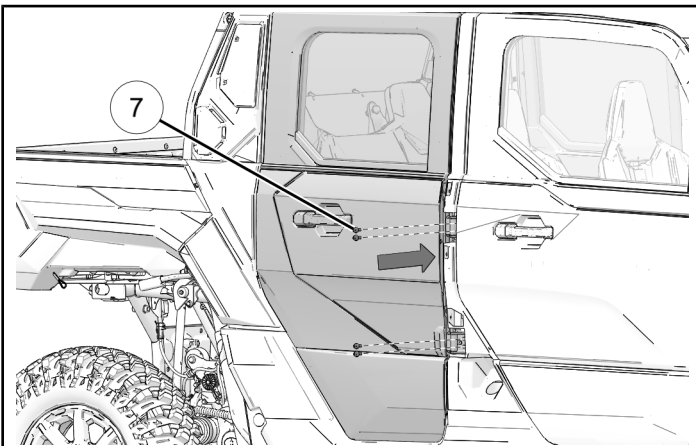
Right side shown; left side similar.

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



2. Loosely install four hinge screws ⑦.

DO NOT torque fasteners at this time.



REAR DOOR ADJUSTMENT

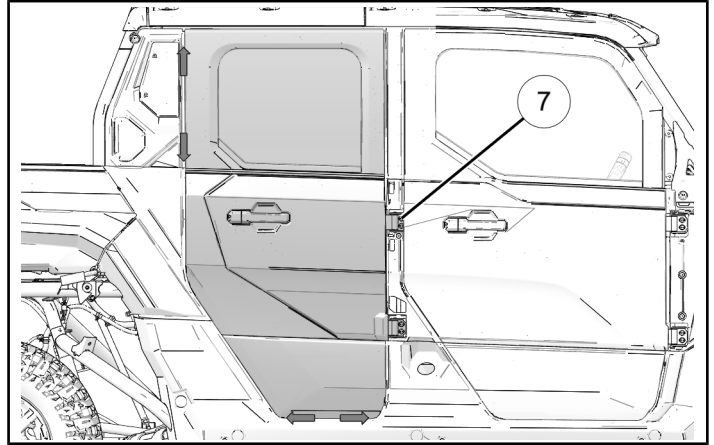
NOTICE

Right side shown; left side similar.

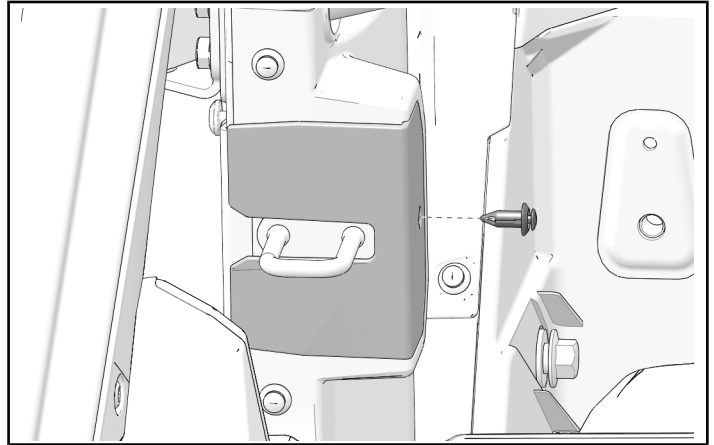
1. Inspect outer edges of door ensuring gaps are even on the rear side and bottom of the door (see arrows). Also make sure that trim panel on the door lines up with the vehicle trim. When door is properly positioned, torque hinge screws ⑦ to specification.

TORQUE

Screws ⑦:
26 ft-lbs (35 N·m)



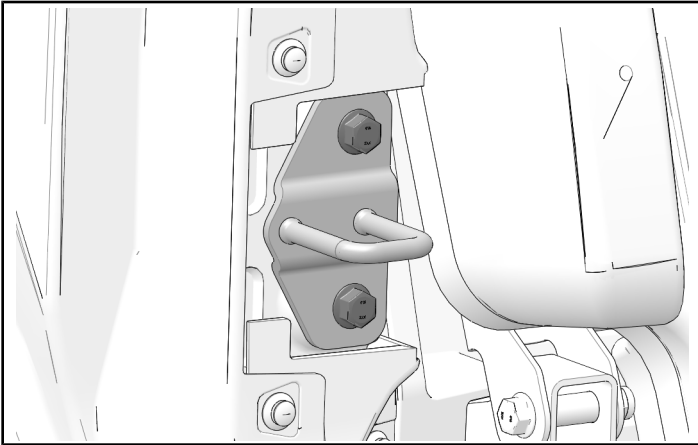
2. After door is properly positioned, check engagement with the striker. Adjust striker up or down as needed for proper latching. If door does not seal or rattles when latched, adjust striker inward. If door is difficult to open, adjust striker outward. Remove striker cover to access striker screws.



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

TORQUE

Striker screws:
26 ft-lbs (35 N·m)



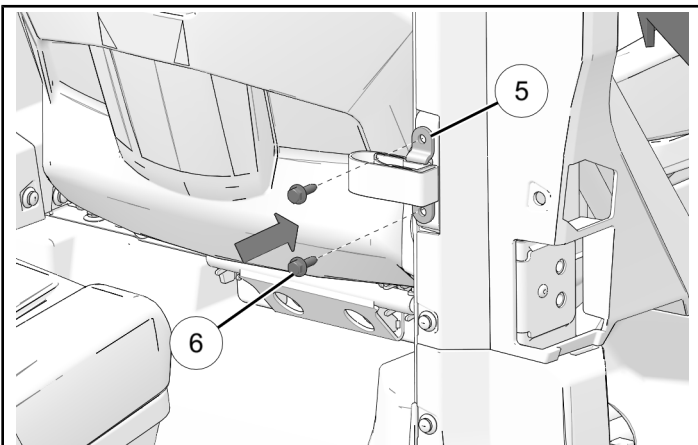
- Thread bracket ⑤ through the limit strap. Install bracket and two screws ⑥ to the B-pillar. Torque screws to specification.

TORQUE

Screws ⑥:
9 ft-lbs (12 N·m)

NOTICE

Doors hidden for clarity.



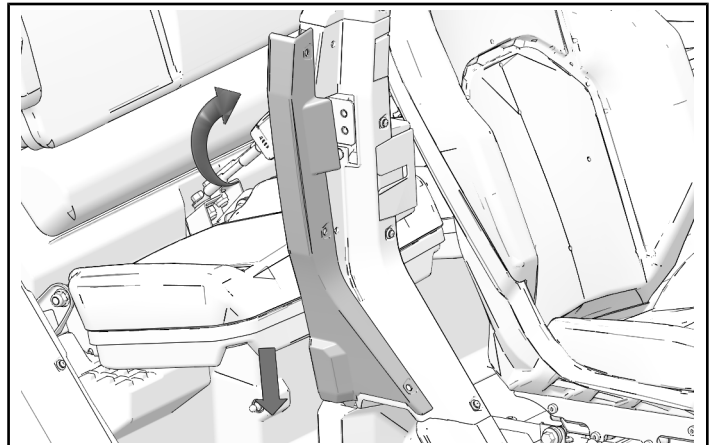
VEHICLE REASSEMBLY

LOWER B-PILLAR TRIM INSTALLATION

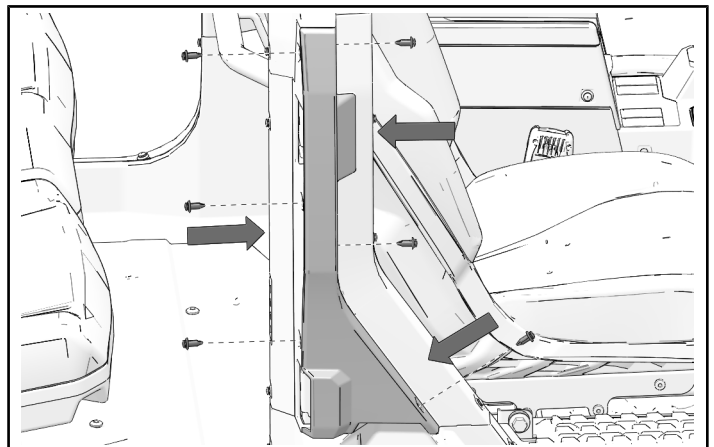
NOTICE

Right side shown; left side similar.

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



- Install six push pin rivets.

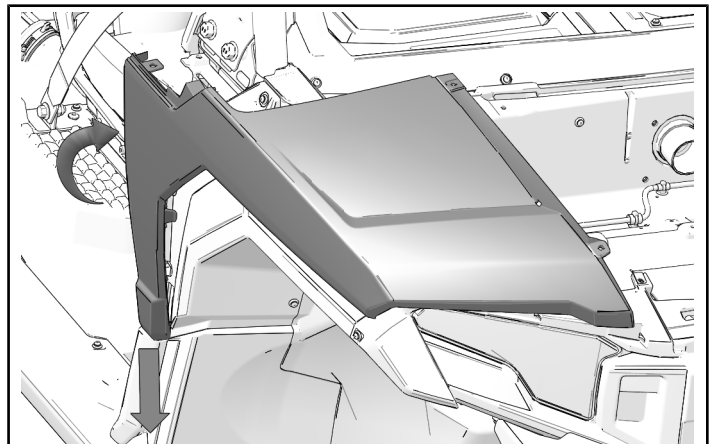


FRONT FENDER INSTALLATION

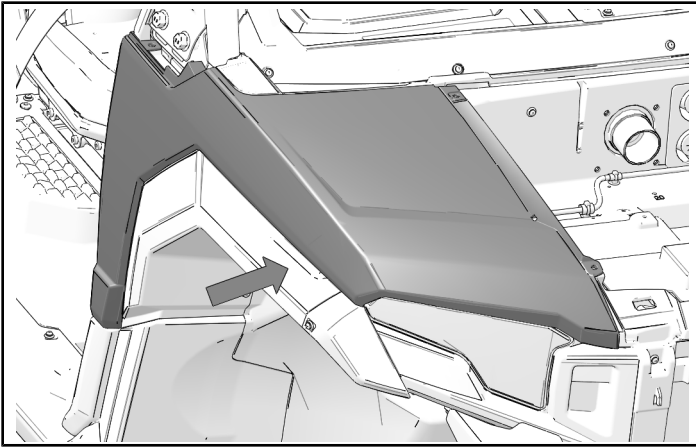
NOTICE

Right side shown; left side similar.

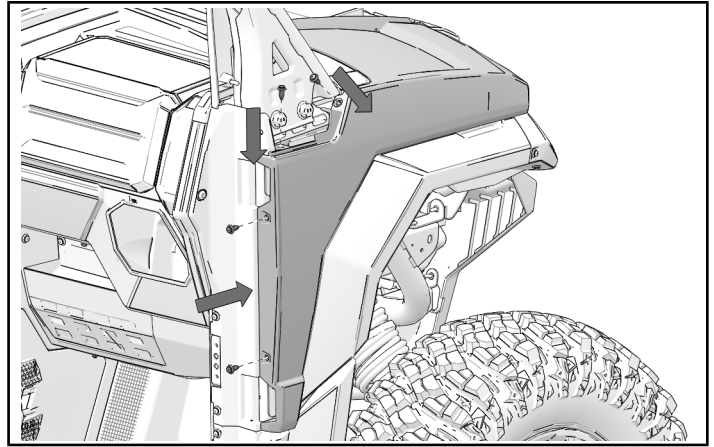
- Put lower tab into opening. Turn top of fender toward vehicle.



2. Push fender inward to engage upper tabs.



4. Install four push pin rivets.



3. Install two previously removed screws. Torque to specification

TIP

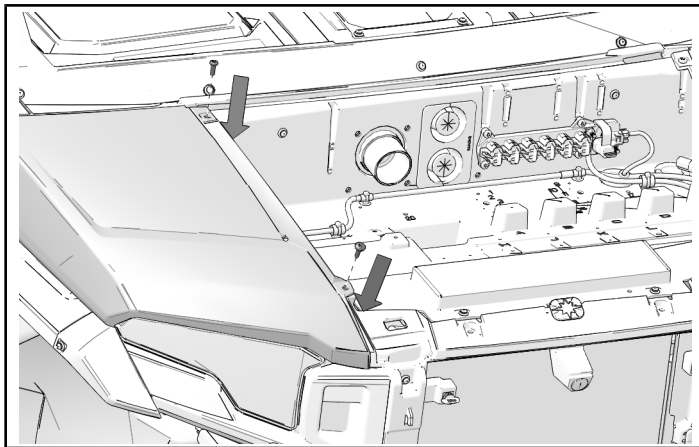
M6 screw is for front hole. #14 screw is for hole closer to dashboard.

TORQUE

#14 Fender Screw:
30 in-lbs (3.4 N·m)

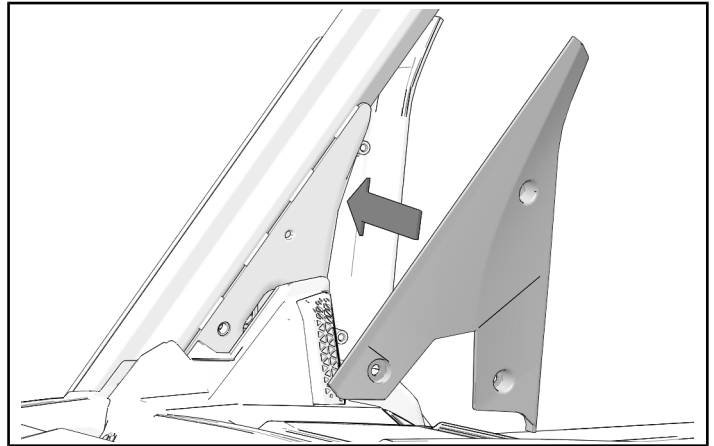
TORQUE

M6 Fender Screw:
40 in-lbs (4.5 N·m)



INSTALL LOWER A-PILLAR TRIM

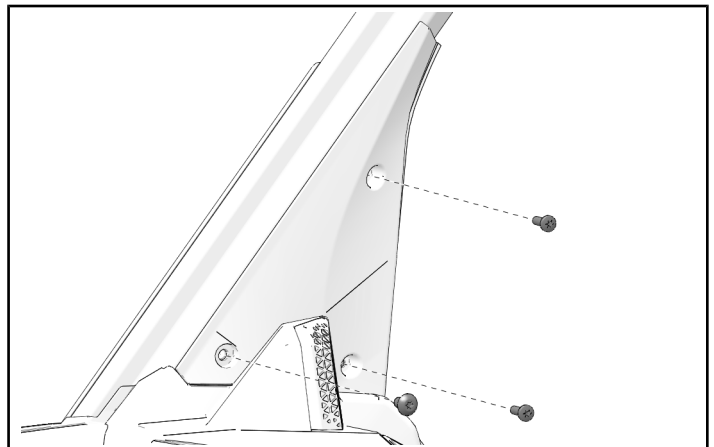
1. Put lower A-pillar trim in position at base of A-pillar.



2. Install three screws. Torque to specification.

TORQUE

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

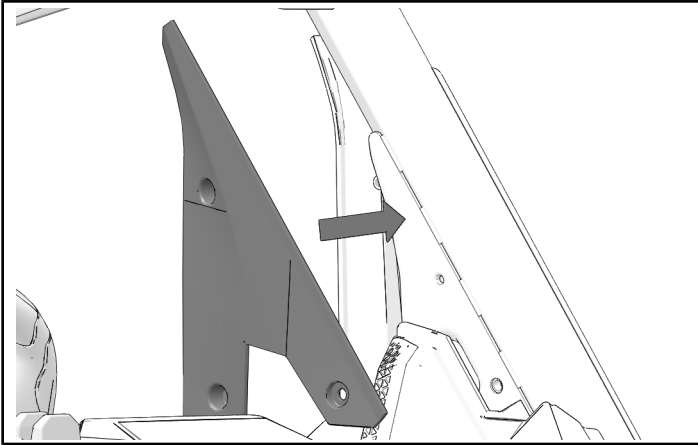


VEHICLES EQUIPPED WITH TIP-OUT WINDSHIELD

NOTICE

Left side shown; right side similar.

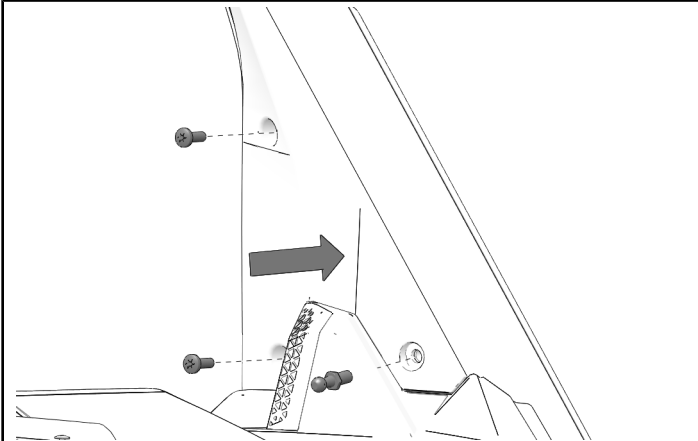
1. Put lower A-pillar trim in position at base of A-pillar.



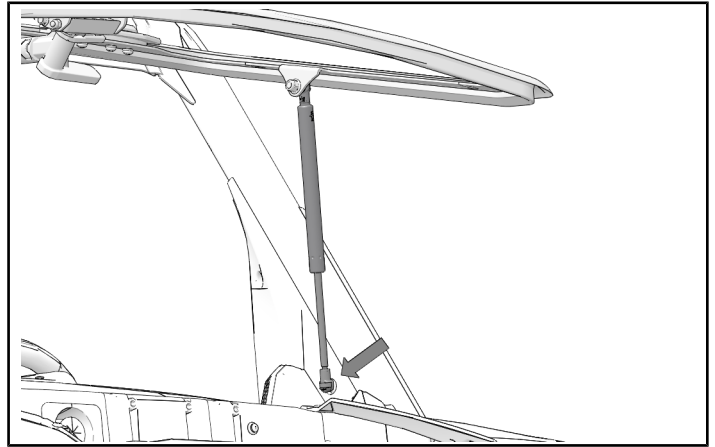
2. Install two screws and ball stud. Torque to specification.

TORQUE

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



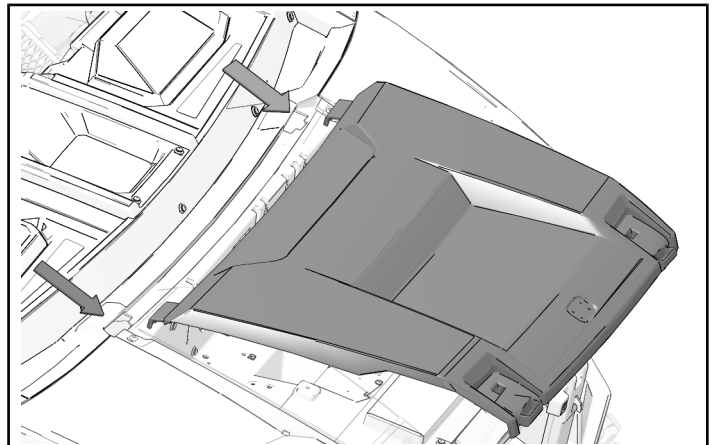
3. Return clip at bottom of gas spring to engaged position. Connect bottom of gas springs.



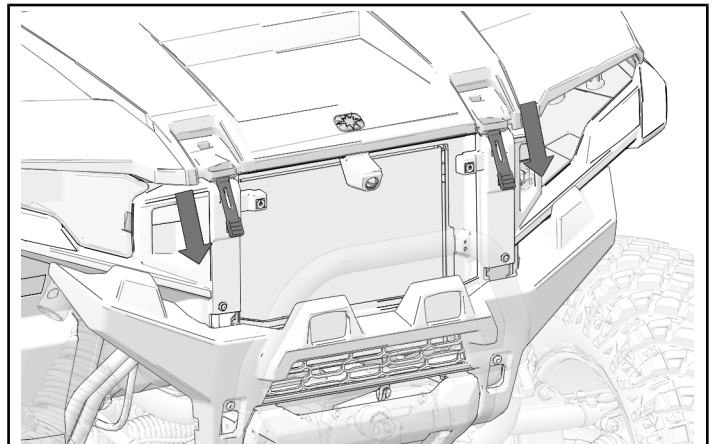
4. Remove windshield support and close tip-out windshield.

HOOD AND GRILL INSTALLATION

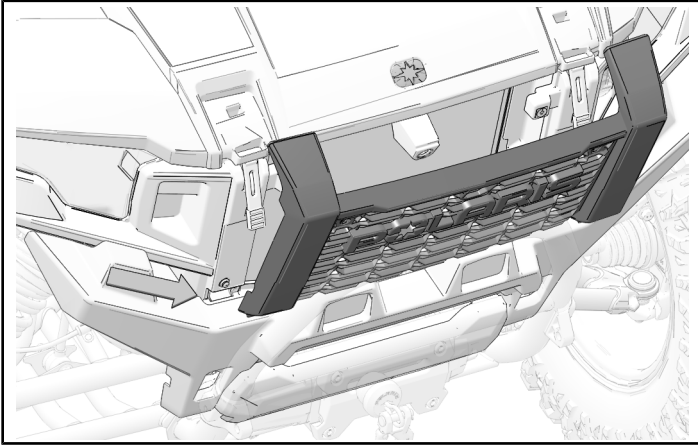
1. Put tabs on hood through openings in underhood liner. Then lower hood into position.



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



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



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

