

# Zip Window Front Canvas Door Kit

P/N 2885075

## Missing or Damaged Parts

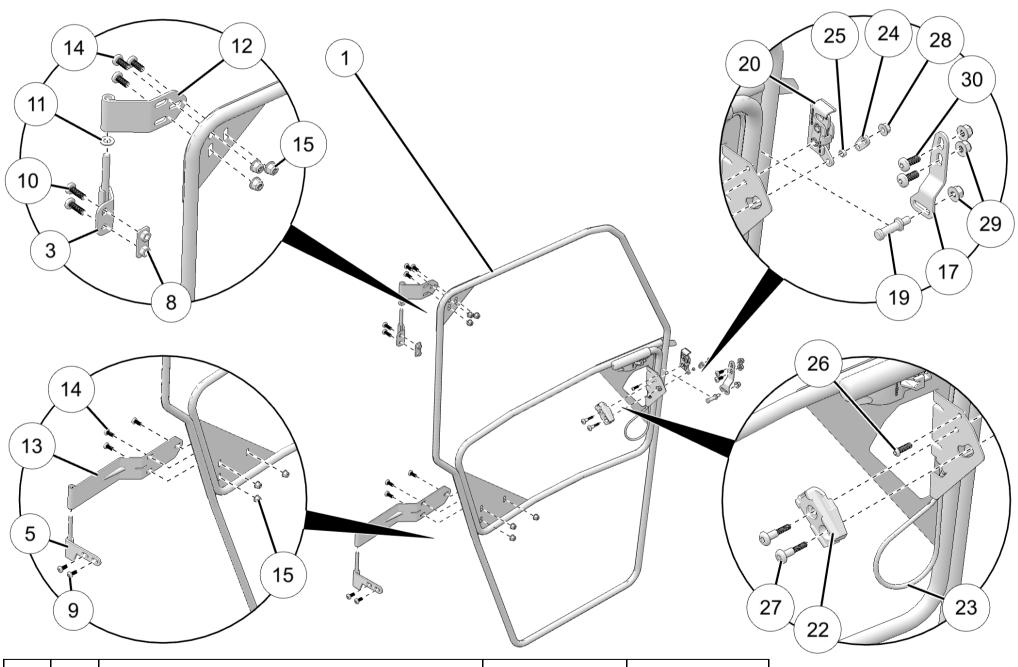
Before beginning assembly, inspect the kit and its component(s) to be sure all parts and tools are accounted for and not damaged. If missing parts or parts are damaged, please contact your Selling Dealer for assistance.

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<br>Separately | Available Service<br>Kit |
|-----|-----|--|-----------------------------|--------------------------|
| 1   | 1   | Front Door Assembly, Left              | 2638157                     | n/a                      |
| 2   | 1   | Front Door Assembly, Right (not shown) | 2638158                     | n/a                      |
| 3   | 1   | Upper Left Vehicle Hinge               | n/a                         | 2209557                  |
| 4   | 1   | Upper Right Vehicle Hinge (not shown)  | n/a                         | 2209557                  |
| 5   | 1   | Lower Left Vehicle Hinge               | n/a                         | 2209557                  |

| Ref | Qty | Part Description   | P/N Available<br>Separately | Available Service<br>Kit |
|-----|-----|--|-----------------------------|--------------------------|
| 6   | 1   | Lower Right Vehicle Hinge (not shown)  | n/a                         | 2209557                  |
| 7   | -   | (unused)   | -                           | -                        |
| 8   | 2   | Nut Plate  | n/a                         | 2209557                  |
| 9   | 4   | Screw, Screw, Torx <sup>®</sup> Drive Button Head, (M8 x 1.25 x 20 mm)                                   | n/a                         | 2209557                  |
| 10  | 4   | Screw, Screw, Torx® Drive Button Head, (M8 x 1.25 x 25 mm)   | n/a                         | 2209557                  |
| 11  | 4   | Washer, Nylon, 0.39 x .062   | n/a                         | 2209557                  |
| 12  | 2   | Upper Door Hinge   | n/a                         | 2209558                  |
| 13  | 2   | Lower Door Hinge   | n/a                         | 2209558                  |
| 14  | 12  | Screw, Screw, Torx® Drive Button Head, (M8 x 1.25 x 20 mm)   | n/a                         | 2209558                  |
| 15  | 12  | Nut, (M8 x 1.25 mm)  | n/a                         | 2209558                  |
| 16  | 4   | Washer, Nylon, 0.39 x .062 (not shown)   | n/a                         | 2209558                  |
| 17  | 1   | Striker Mounting Plate, Left   | n/a                         | 2209559                  |
| 18  | 1   | Striker Mounting Plate, Right (not shown)  | n/a                         | 2209559                  |
| 19  | 2   | Striker Pin  | n/a                         | 2209559                  |
| 20  | 1   | Latch, Left  | n/a                         | 2209559                  |
| 21  | 1   | Latch, Right (not shown)   | n/a                         | 2209559                  |
| 22  | 2   | Latch Release Knob   | n/a                         | 2209559                  |
| 23  | 2   | Latch Cable  | n/a                         | 2209559                  |
| 24  | 2   | Latch Pull Tab   | n/a                         | 2209559                  |
| 25  | 2   | Spacer   | n/a                         | 2209559                  |
| 26  | 2   | Screw, Screw, Torx® Drive Button Head, (M6 x 1.0 x 20 mm)  | n/a                         | 2209559                  |
| 27  | 4   | Screw, Screw, Torx® Drive Button Head, (M6 x 1.0 x 35 mm)  | n/a                         | 2209559                  |
| 28  | 2   | Nut, Hex Flange, (M6 x 1.0 mm)   | n/a                         | 2209559                  |
| 29  | 6   | Nut, Hex Flange, (M8 x 1.25 mm)  | n/a                         | 2209559                  |
| 30  | 4   | Screw, Screw, Torx® Drive Button Head, (M8 x 1.25 x 20 mm)   | n/a                         | 2209559                  |
| 31  | 1   | Rear Door Striker Mounting Plate, Left (not shown) - Not used for Kit 2885075                            | n/a                         | 2209559                  |
| 32  | 1   | Rear Door Striker Mounting Plate, Right (not shown) - Not used for Kit 2885075                           | n/a                         | 2209559                  |
| 33  | 4   | Screw, Screw, Torx <sup>®</sup> Drive Button Head, <b>(M8 x 1.25 x 25 mm)</b> - Not used for Kit 2885075 | n/a                         | 2209559                  |

# **Tools Required**

- Safety Glasses
- Cutting Tool
- Deburring Tool
- Screwdriver Set, Torx®

- Socket Set, Metric
- Torque Wrench
- Wrench Set, Metric

### **Consumables Required**

- Gloves, Chemical Resistant
- Grease, Polaris® All Season (or equivalent)

### **Important**

Your Zip Window Front Canvas Door 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**

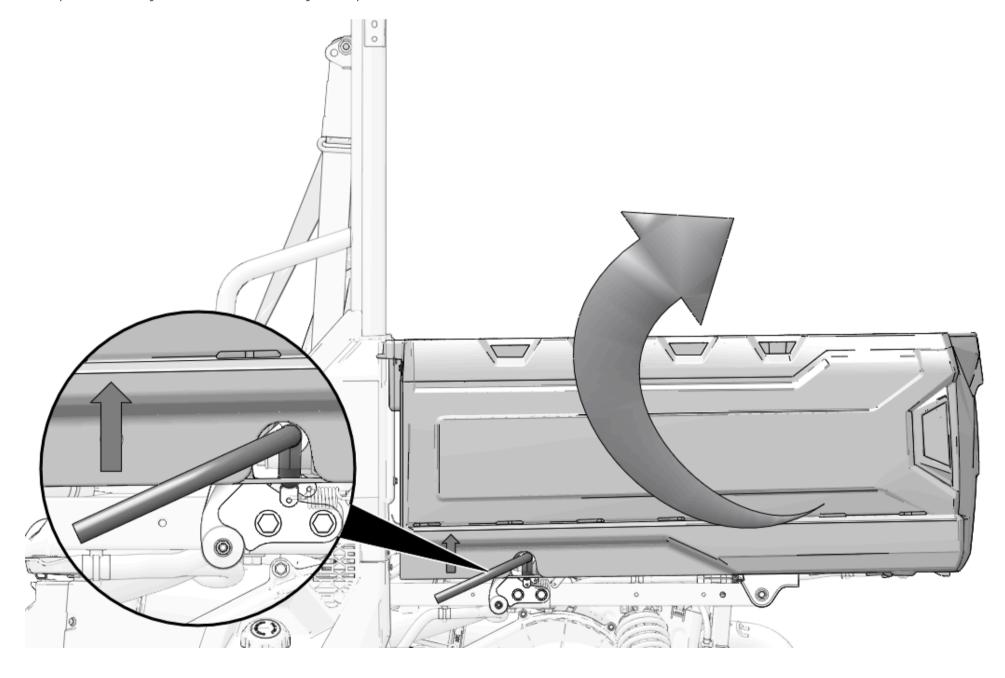
#### Vehicle Preparation

#### General

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

#### **Tilting Cargo Box**

1. Pull upwards on cargo box lever to rotate cargo box upwards.

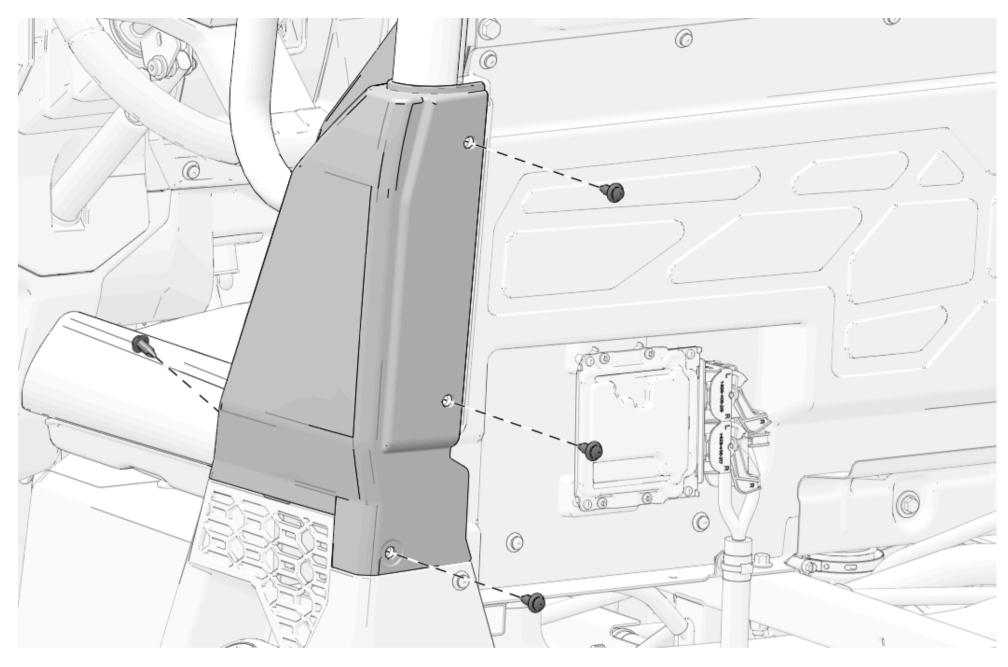


#### **Upper Rocker Panel Removal**

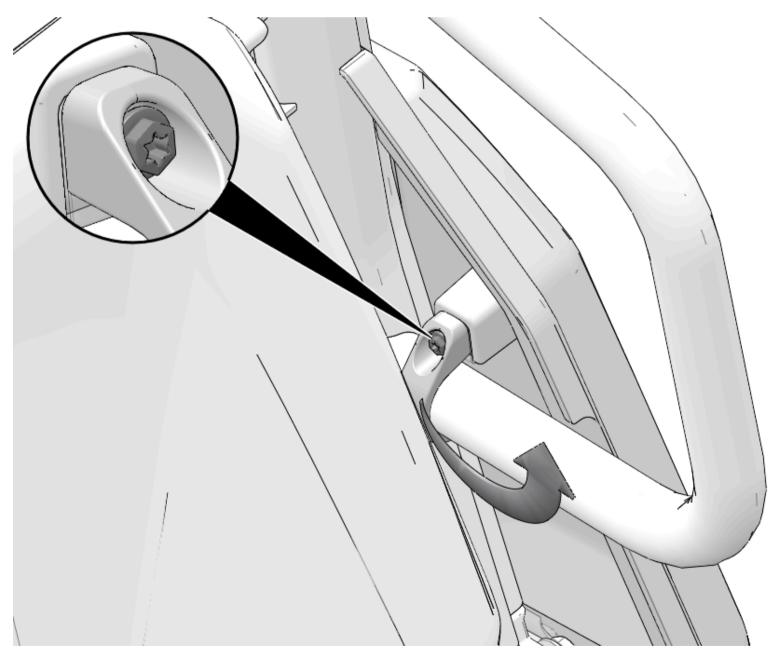
NOTICE

Left side shown; right side similar.

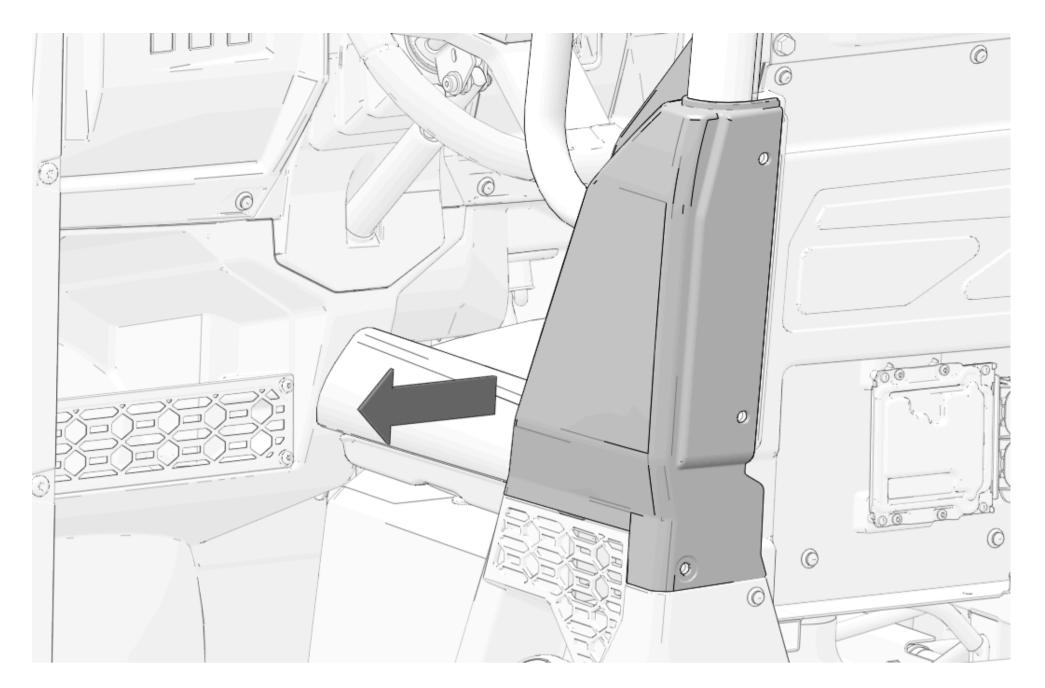
 ${\bf 1.}\ {\bf Remove\ and\ keep\ four\ push-pin\ rivets\ from\ upper\ rocker\ panel.}$ 



2. Loosen, but do not remove, screw on retaining hook. Rotate hook until it is free of bolster tube.



3. Remove upper rocker panel from vehicle.



### Accessory Installation

| A I |     | $\overline{}$ | 10  |               |
|-----|-----|---------------|-----|---------------|
| IVI | ( ) | -             | Ш., | $\overline{}$ |

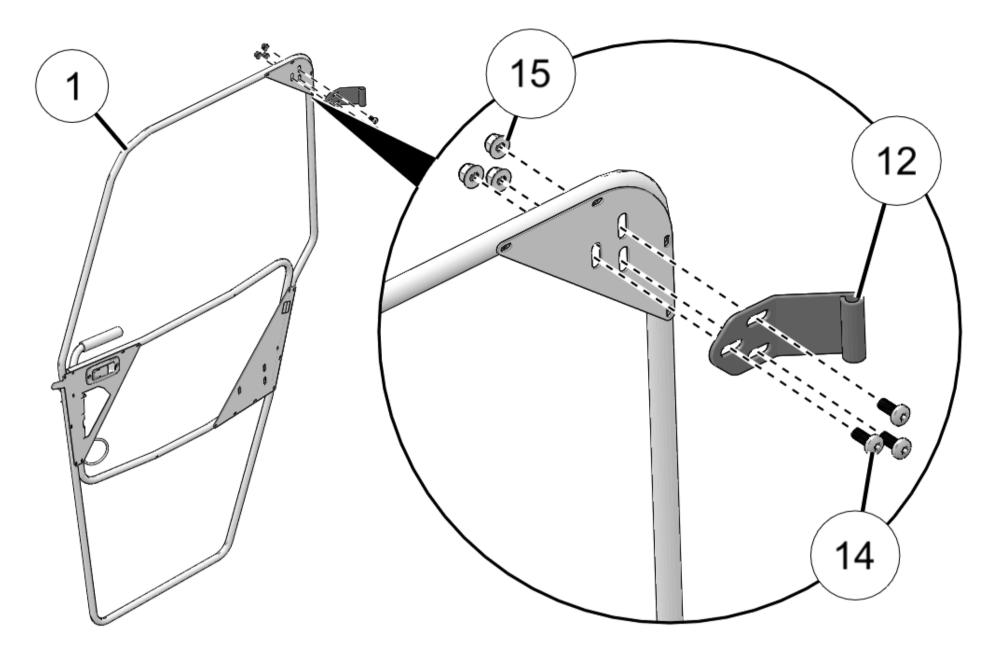
Polaris recommends two people assemble and install this kit.

- 1. To access the inside of the canvas skin, unzip the window and inside of the canvas skin to expose the door frame.
- 2. Loosely install upper left door side hinge 12 to left door frame 1 using three screws 14 and nuts 15.

## NOTICE

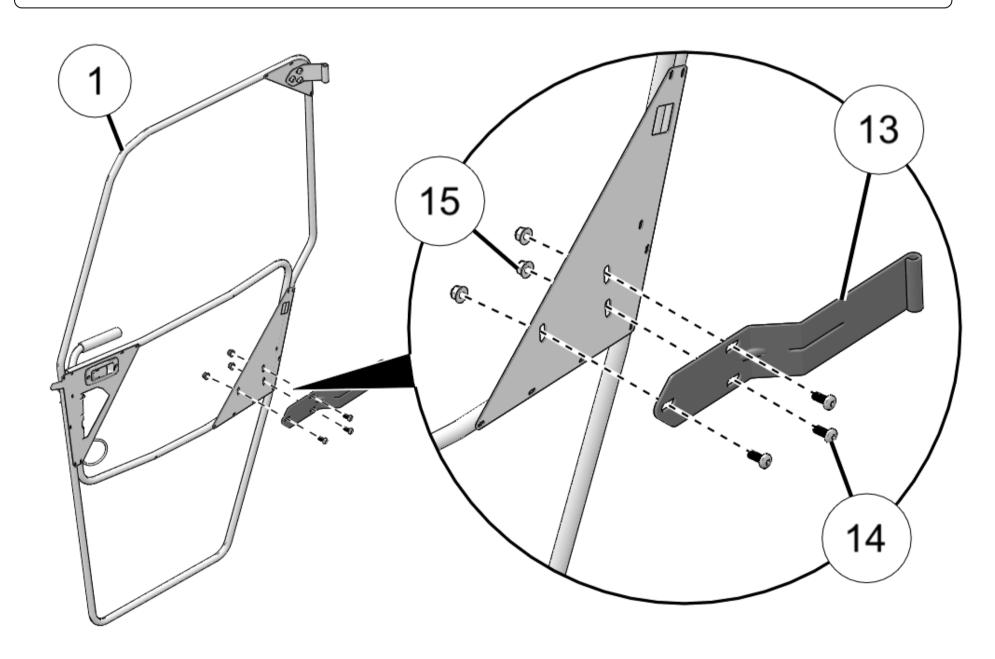
Canvas skin not shown for clarity.

Do not torque screws at this time.



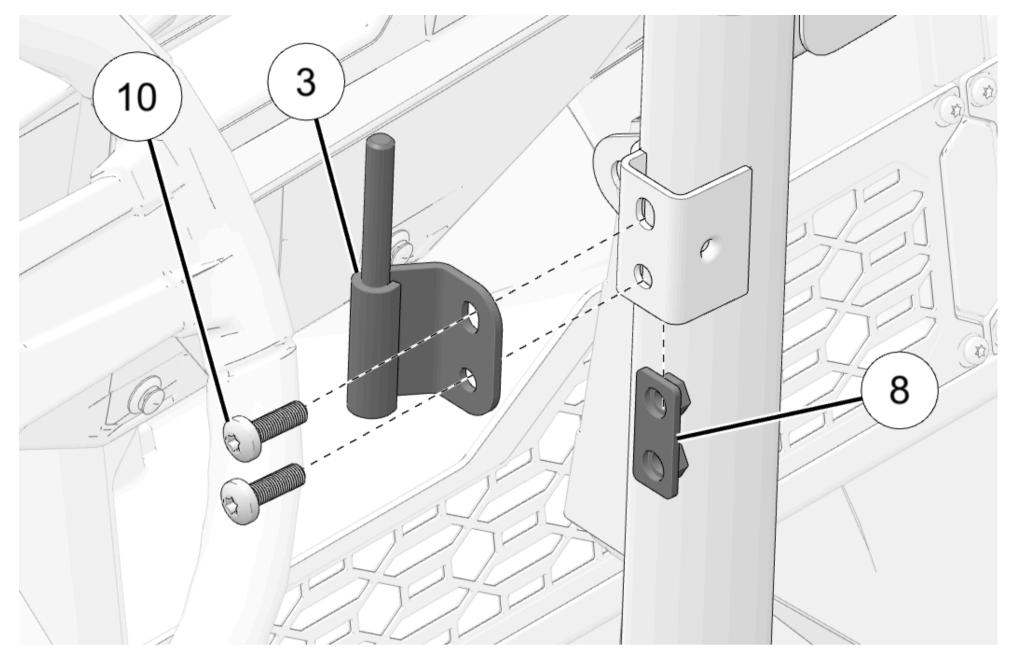
3. Loosely install lower left door side hinge 13 to left door frame 1 using three screws 14 and nuts 15.

Do not torque screws at this time.



4. Loosely install upper left hinge 3 to ROPS bracket using two screws 10 and nut plate 8. Center hinge over screw holes in vehicle, then partially tighten screws.

Do not torque screws at this time.



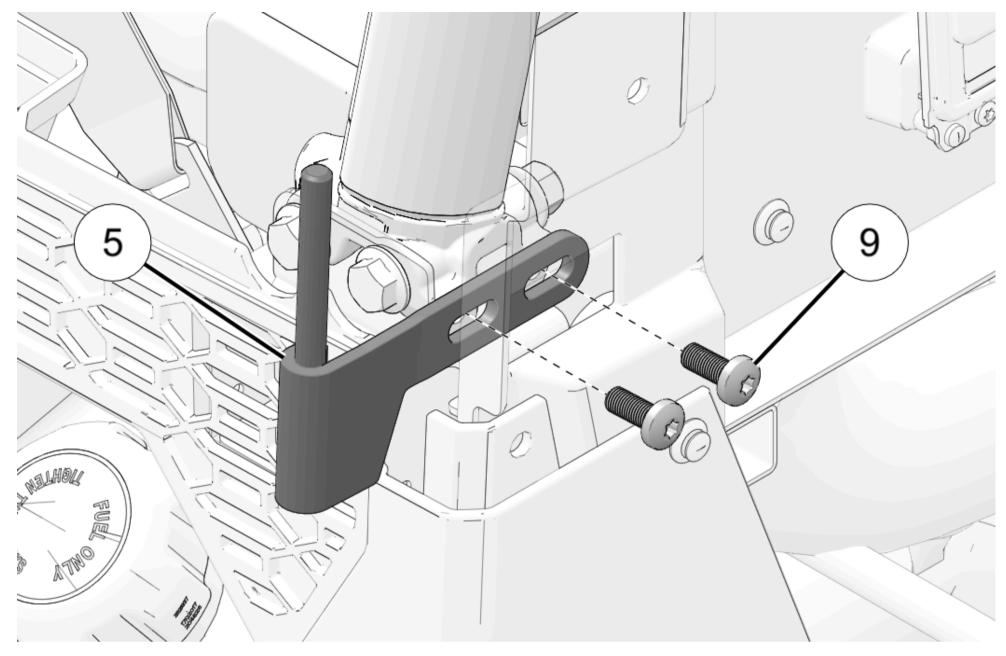
5. Loosely install lower left hinge (5) to chassis using two screws (9). Center hinge over screw holes in vehicle, then partially tighten screws.

Do not torque screws at this time.

## NOTICE

Lower hinge pin is longer than upper hinge pin to assist in door installation.

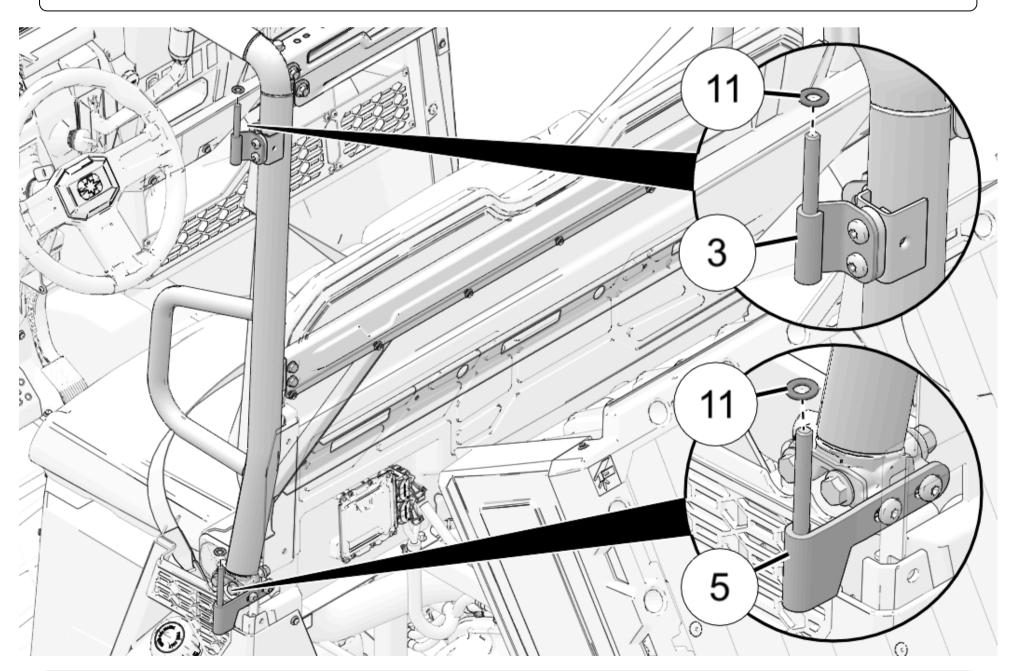
The hinge pin should be on the front side of the hinge bracket when installed on the vehicle. This will help differentiate left and right hinges.



6. Install nylon washers 11 to pins on upper hinge 3 and lower hinge 5.

## NOTICE

Washer acts as bearing surface to assist in smooth door operation.



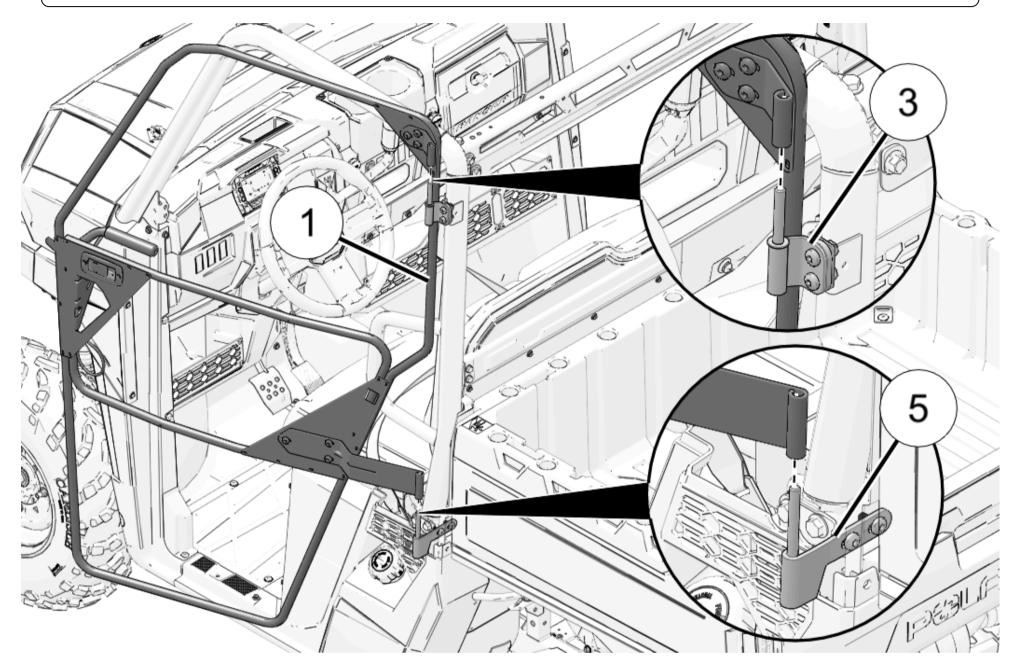
# **▲** WARNING

Follow all chemical manufacturer instructions and safety precautions. Failure to follow all manufacturer instructions and precautions may

- 7. Grease pins on upper and lower hinges (3) and (5) using Polaris® All Season Grease (or equivalent).
- 8. Install door assembly (1) on lower hinge (5) first, then upper hinge (3).

#### NOTICE

Lower hinge pin is longer than upper hinge pin to assist in door installation.



- 9. Close door, pushing into ROPS, and observe gap between door frame (1) and ROPS/chassis structure (around entire perimeter of door):
  - **IF PERIMETER GAP IS EVEN:** Make sure no hinge gap exists between bottom of DOOR side hinges 12 and 13, and nylon washer 11 on corresponding CHASSIS side hinges 3 and 5 (to equalize door loading on hinges). If necessary, adjust height of upper chassis side hinge 3 to eliminate hinge gap.

When complete, tighten all six door side hinge nuts (14).

#### **TIP**

Have one person hold and center the door, and a second person tighten the fasteners.

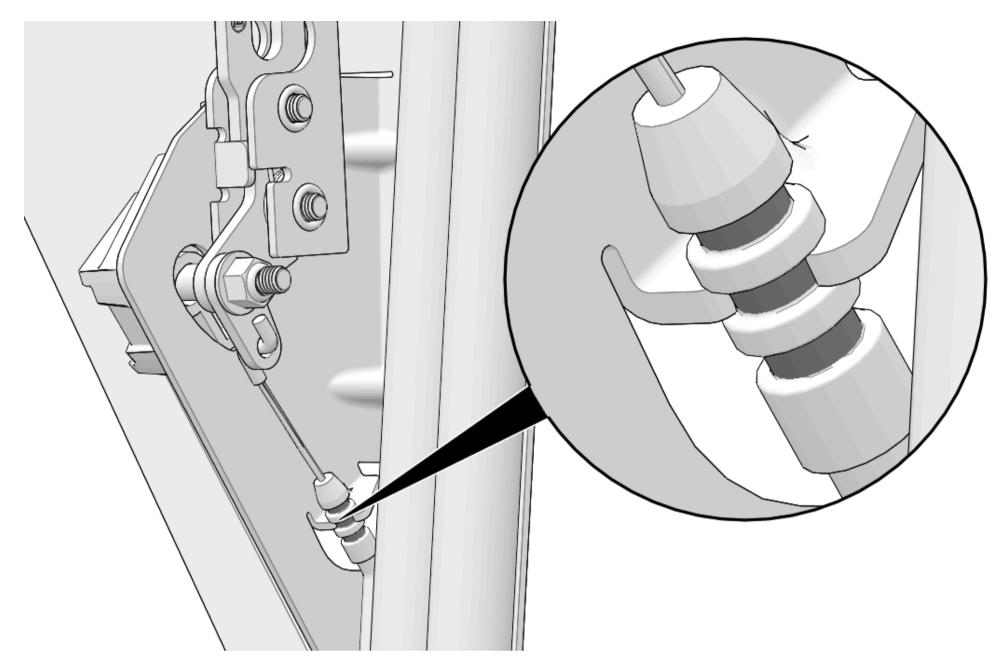
- **IF PERIMETER GAP IS UNEVEN:** Loosen two upper and two lower CHASSIS side hinge screws 10 and 9, center door in ROPS, then re-tighten chassis side hinge screws. When complete, go to previous section, **IF PERIMETER GAP IS EVEN**.
- 10. Torque all hinge fasteners to specification.

| TORQUE                |  |
|-----------------------|--|
| M8 Screws (9) & (10): |  |
| 17 ft-lbs (23 N⋅m)    |  |

TORQUE

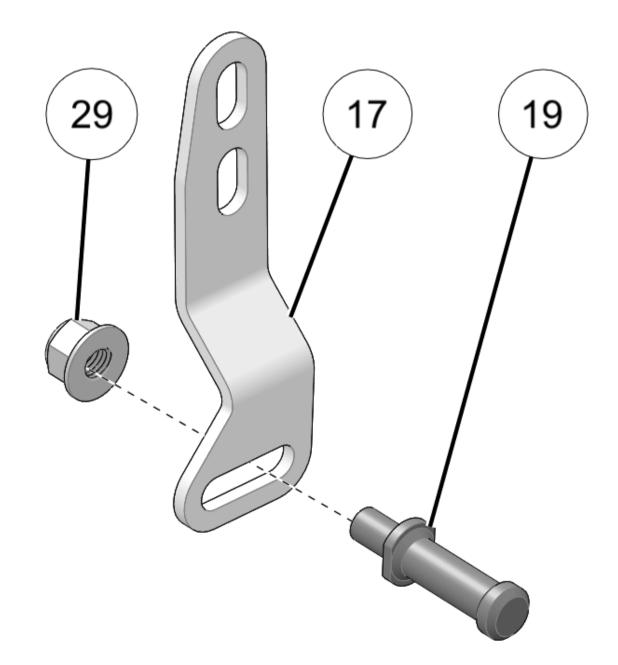
Nuts (15):

5 ft-lbs (7 N·m)

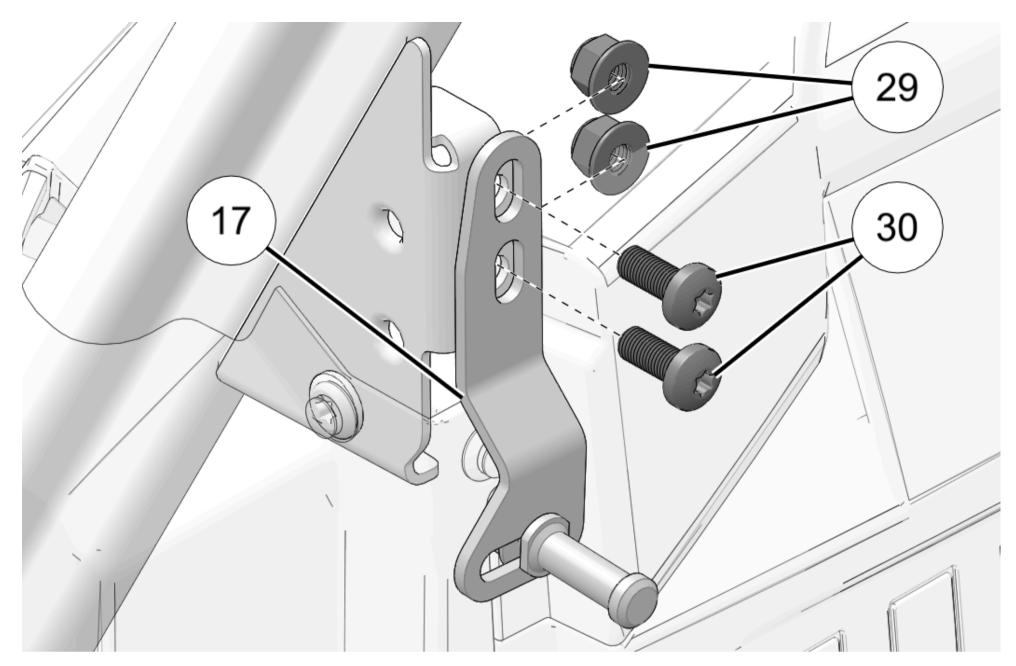


- 12. Zip up the canvas skin.
- 13. Assemble striker pin 19 to striker bracket 17 using nut 29.

Tighten nut.



14. Loosely install striker bracket 17 to chassis structure using two screws 30 and nuts 29. Center striker over screw holes in chassis, then partially tighten screws.



15. Open interior door latch 20 (to ensure proper position of pawl), then slowly close door and observe engagement of striker pin 19 into door latch.

Adjust location of striker pin bracket to achieve the following:

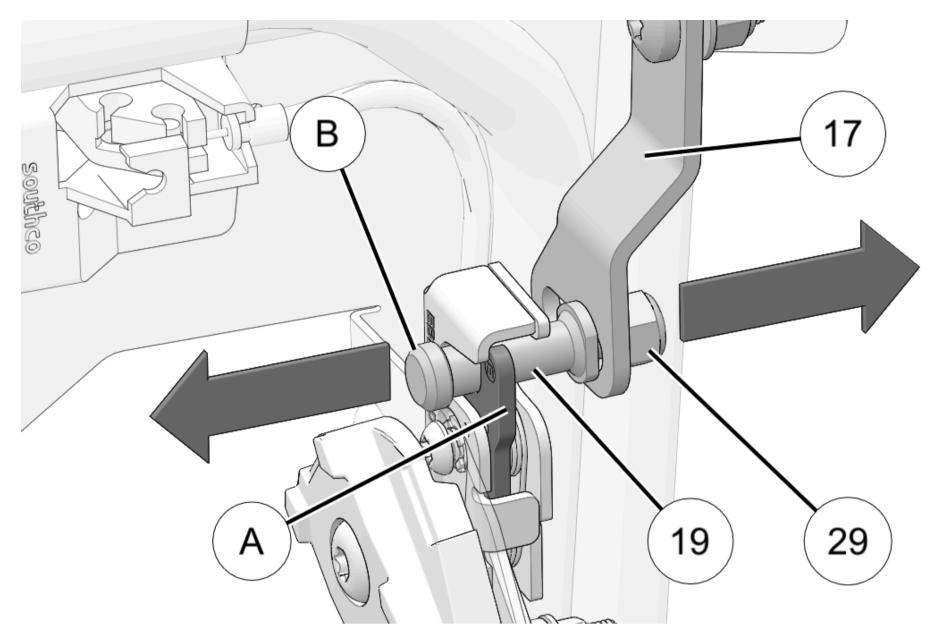
## NOTICE

Striker shown detached from chassis structure for clarity.

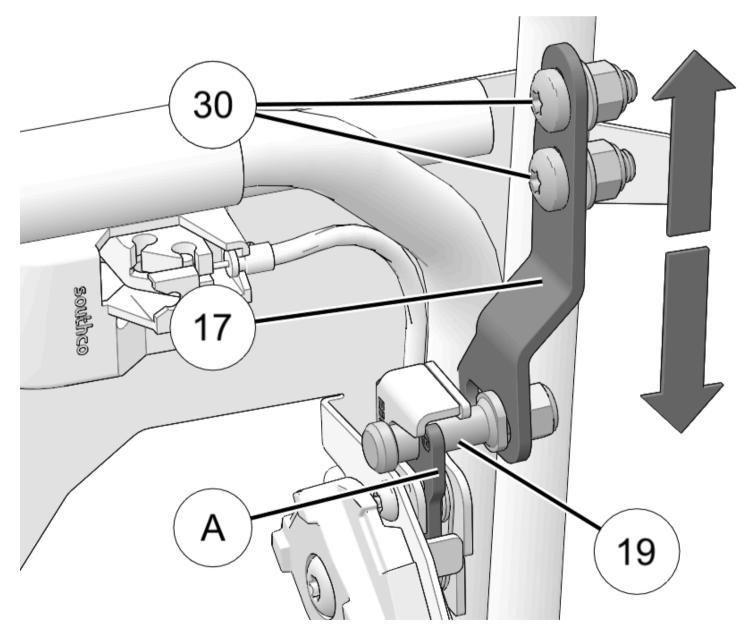
1. **EXTENSION**: Head of pin (B) should fully clear latch pawls (A) as shown. To extend pin rearward, remove the striker (19) and nut (29), place shim between striker bracket (17) and striker (19), then reinstall nut.

### **NOTICE**

If head of pin extends **too far rearward**, even without shim, then entire door must be moved rearward by adjusting door side hinges. See Steps 1–2.

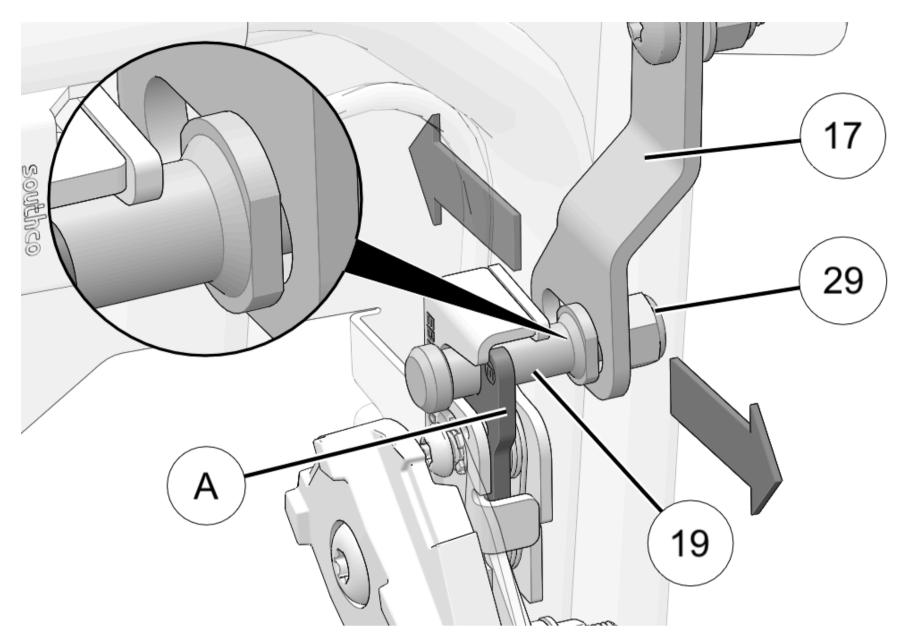


2. **HEIGHT**: Pin (19) should be centered vertically in opening of latch pawls (A). To adjust, loosen two screws (30), slide striker bracket (17) up or down as required, then retighten screws.



3. **DEPTH**: As required to achieve desired fairing between door frame 1 and ROPS/chassis door structure. To adjust, loosen the striker 19 and nut 29. Slide striker 19 inboard or outboard on the striker bracket as required, then reinstall striker and nut.

Make sure depth adjustment is made with latch pawls (A) at FULL closure as shown below (second "click"), not at partial closure (first "click").



- 16. Make sure proper operation of interior latch and exterior latch. Adjust as required, then tighten all latch screws. See step 15.
- 17. Torque the following fasteners to specification:

| TORQUE                              |
|-------------------------------------|
| M8 Screws 30:                       |
| 17 ft-lbs (23 N·m)                  |
| TORQUE                              |
| Striker Nut 29:  17 ft-lbs (23 N·m) |

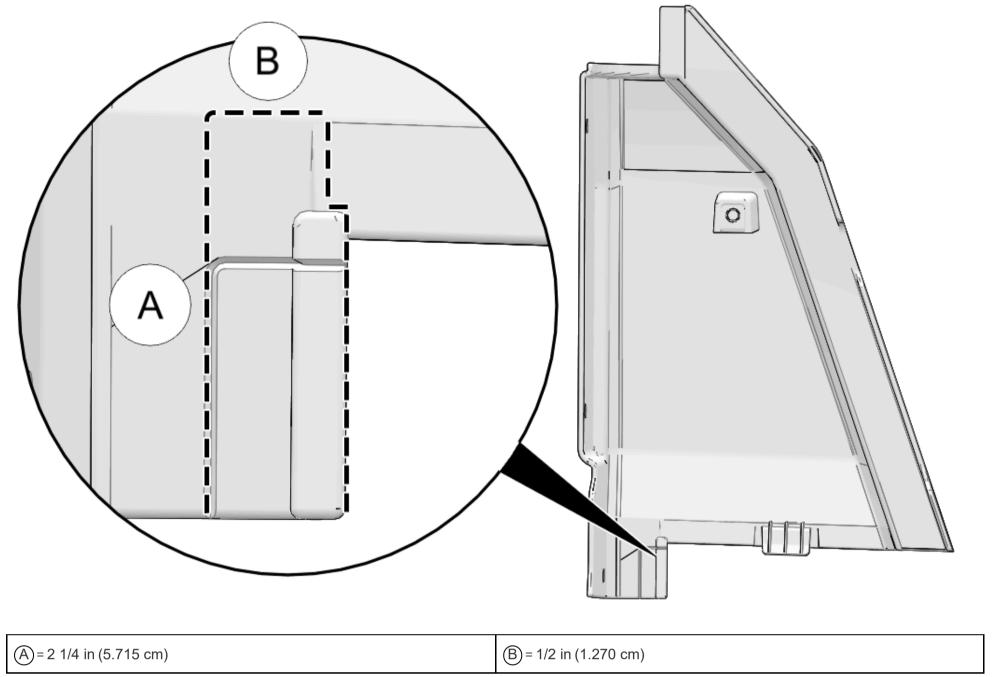
18. Next, flip the upper rocker panel over and draw a vertical line where the plastic starts to angle, then a horizontal line across the radius, and then a vertical line that connects to the witness mark. This outline shows where the panel material must be removed to allow clearance for the hinge. Cut on the inside of the line to remove the panel material.

TIP

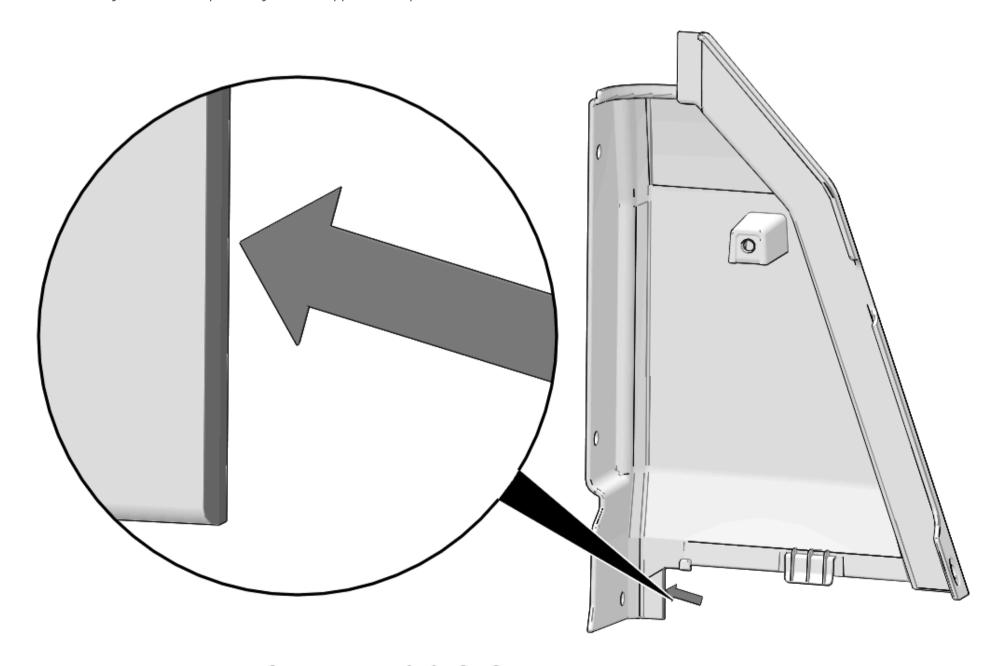
Use the measurements provided below when drawing lines on the panel to make sure the correct panel material is removed.

**IMPORTANT** 

Control tool depth. Make sure tool is clear of all other parts and components to prevent damage to vehicle.



- 19. Remove remaining plastic with a suitable tool.
- 20. Use a deburring tool to clean up the edges of the upper rocker panel.



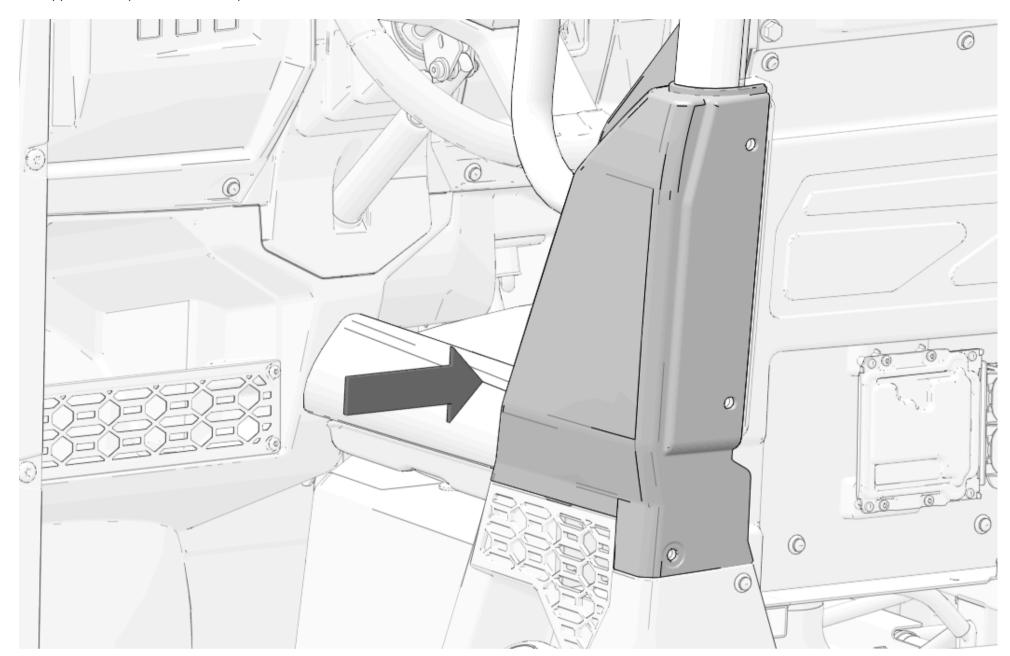
21. Repeat Steps 1–20 for right door frame 2 using right hinges 4, 6, 12, 13.

Vehicle Reassembly

## NOTICE

Left side shown; right side similar.

1. Put upper rocker panel in installed position.

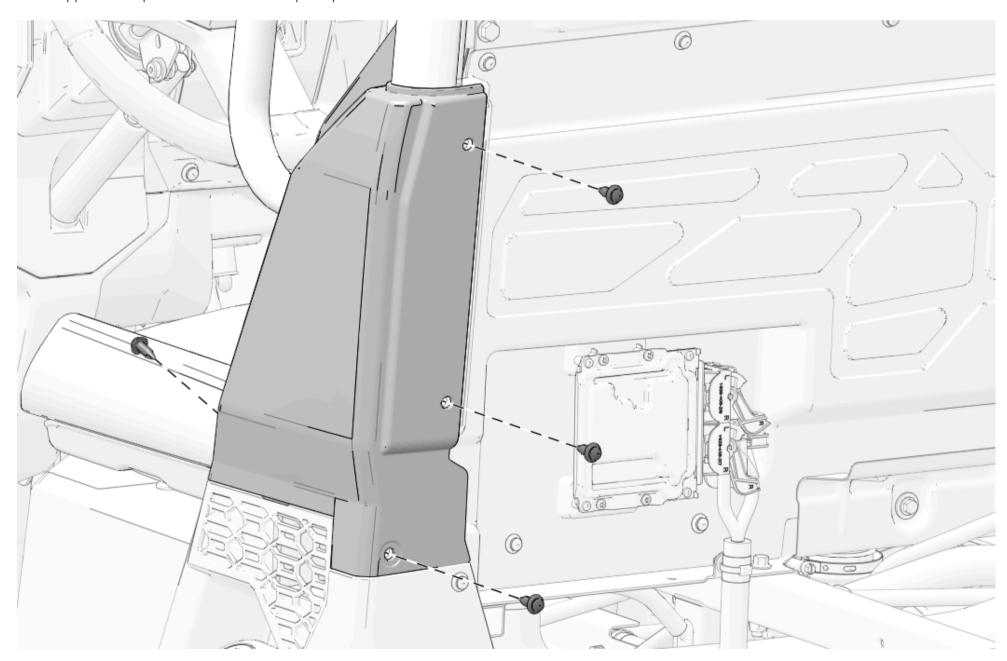


2. Rotate hook over bolster tube.

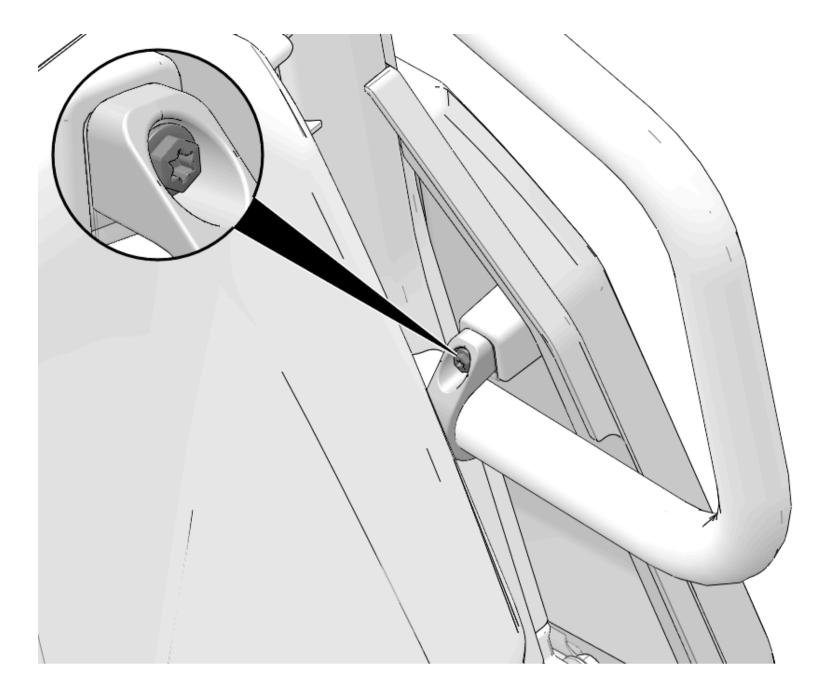
Do not torque screw at this time.



 ${\it 3. Install \, upper \, rocker \, panel \, with \, four \, retained \, push-pin \, rivets.}$ 



4. Tighten screw in retaining hook until it is fully seated.



#### General

1. Lower the cargo box.

Site Map

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<u>Accessibility</u>

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