

# TIP-OUT WINDSHIELD KIT



P/N 2889536

## BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

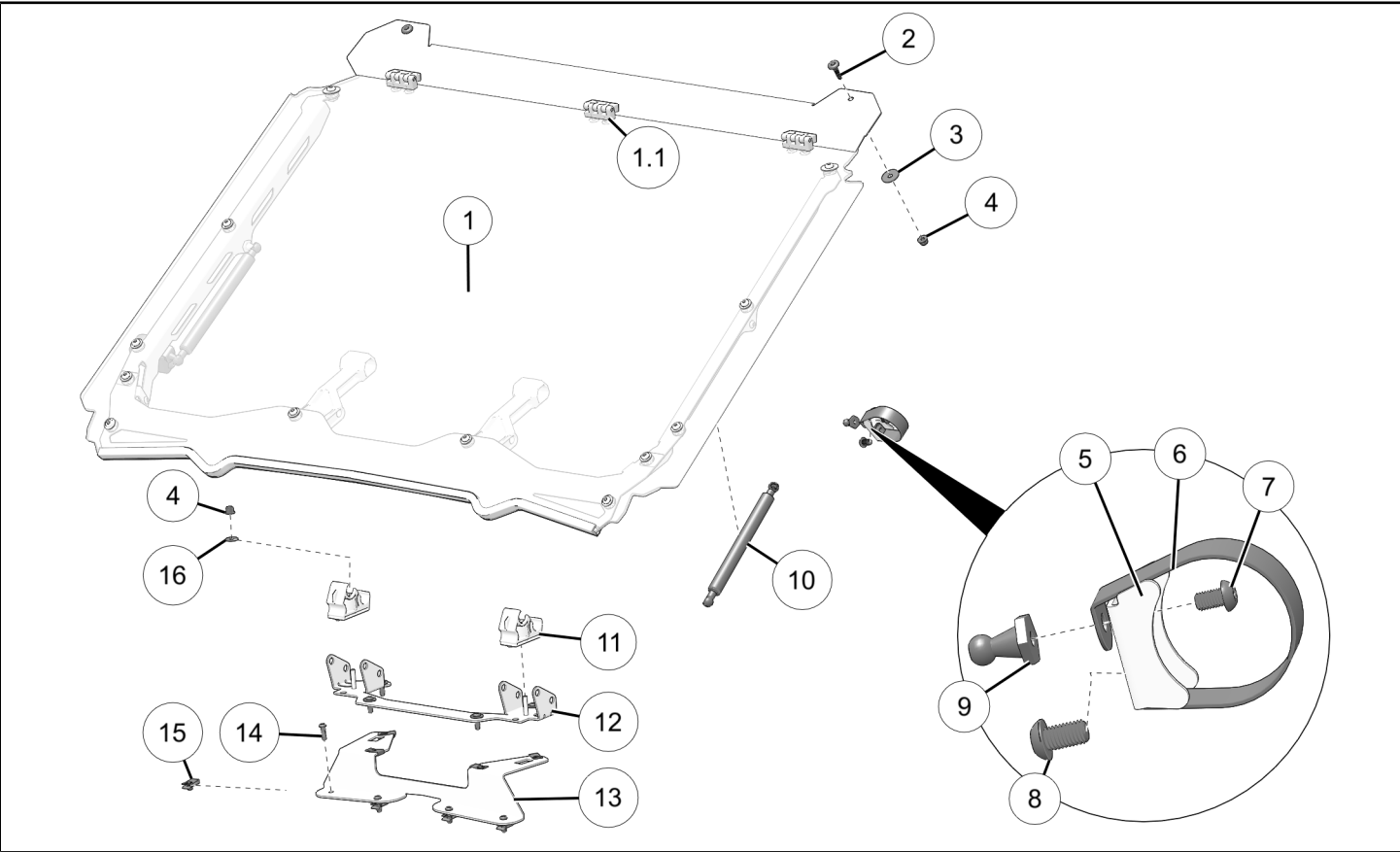
## APPLICATION

Verify accessory fitment at [www.polaris.com](http://www.polaris.com).

## ACCESSORY WEIGHT

Accessories, passengers, and other factors may negatively affect ride performance. Refer to your vehicle's owner's manual for maximum weight capacity and suspension adjustment procedures.

## KIT CONTENTS



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
1	1	Assembly–Windshield, Tip-Out	n/a	n/a
1.1	3	- Hinge–Windshield	n/a	2209136
2	2	Screw–Torx® Truss Head, M6 x 1.0 x 25 mm	n/a	2209317
3	2	Washer– 6.5 x 25 x 1.5 mm	n/a	2209317
4	4	Nut–Flange, M6 x 1.0 mm	n/a	2209317
5	2	Bracket–Band Clamp, M8	n/a	2209578

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY	AVAILABLE SERVICE KIT
6	2	Weld–Strap, Band, M8	n/a	2209578
7	2	Screw–Torx® Button Head, M6 x 1.0 x 10 mm	n/a	2209317
8	2	Screw–Torx® Button Head, M8 x 1.0 x 14 mm	n/a	2209317 2209578
9	2	Stud–Ball, Nut, M6 x 1.0 mm	n/a	2209317
10	2	Strut–Gas	n/a	2209317
11	2	Latch–Lower Snap	n/a	2209317
12	1	Bracket–Dashboard, Upper	n/a	2209317
13	1	Bracket–Dashboard, Lower	n/a	2209317
14	8	Screw–Torx® Truss Head, M6 x 1.0 x 20 mm	n/a	2209317
15	8	Nut–U, Clip, M6	n/a	2209317
16	6	Washer–Flat, M6 x 1.0 x 18 mm	n/a	2209317
17	2	Pin–Windshield, Lanyard (not shown)	n/a	2209317
18	1	Template–Dashboard Bracket (not shown)	9940536	n/a

## TOOLS REQUIRED

- Safety Glasses
- Drill
- Drill Bit:
  - **5/16 in (8 mm)**
- Pin Punch Set
- Pliers, Push Pin Rivet
- Screwdriver Set, Torx®
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- Wrench Set, Metric

## IMPORTANT

Your Tip-Out Windshield 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

### WARNING

If transporting vehicle in non-enclosed trailer then vehicle must **FACE FORWARD**, or windshield must be removed.

Failure to comply may allow airflow, vibration, or other factors to separate windshield from vehicle and cause an accident, resulting in serious personal injury or death.

### WARNING

Do not drive vehicle with windshield tipped up at speeds exceeding 55 mph (89 km). Driving at excessive speeds may cause airflow to lift windshield and cause a loss of vehicle control resulting in accident or death.

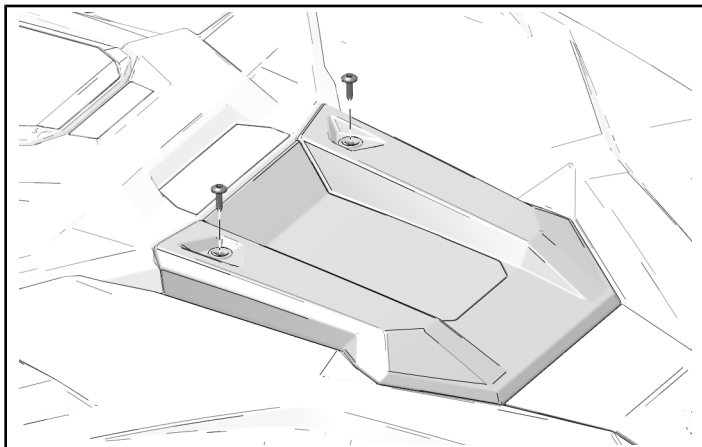
## VEHICLE PREPARATION

### GENERAL

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

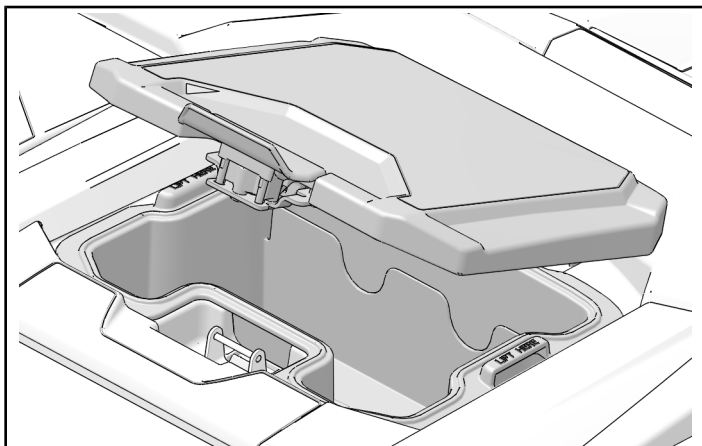
### CENTER HOOD PANEL REMOVAL

1. Remove and keep two hood fasteners. Move hood towards rear of vehicle to remove.



### DASHBOARD STORAGE REMOVAL

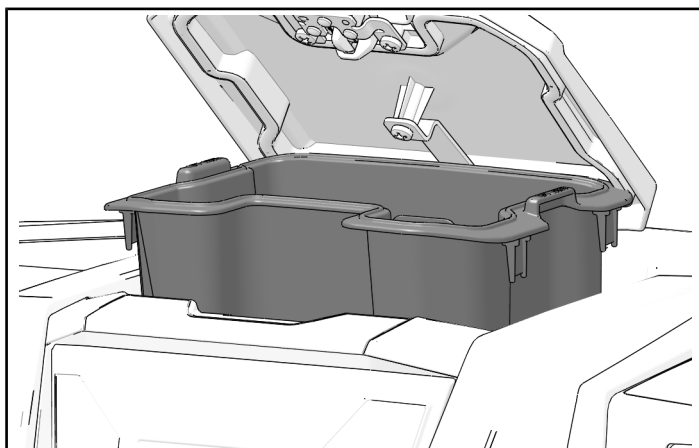
1. Open center dashboard storage compartment.



2. Remove storage compartment from dashboard.

#### TIP

If removing storage compartment is difficult, carefully use tool to pry storage compartment upwards where marked "LIFT HERE."

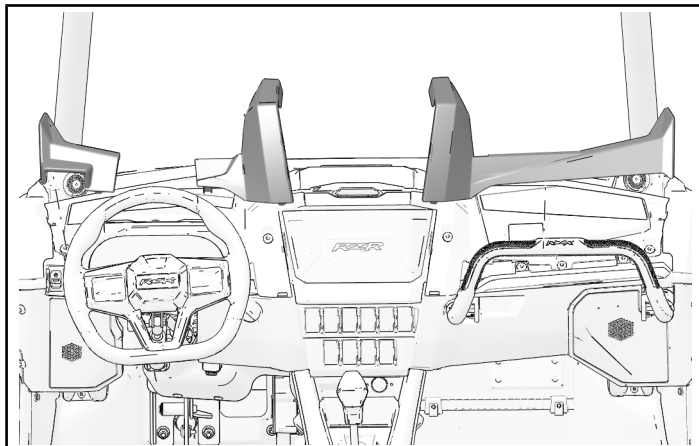


### DASHBOARD TOP REMOVAL

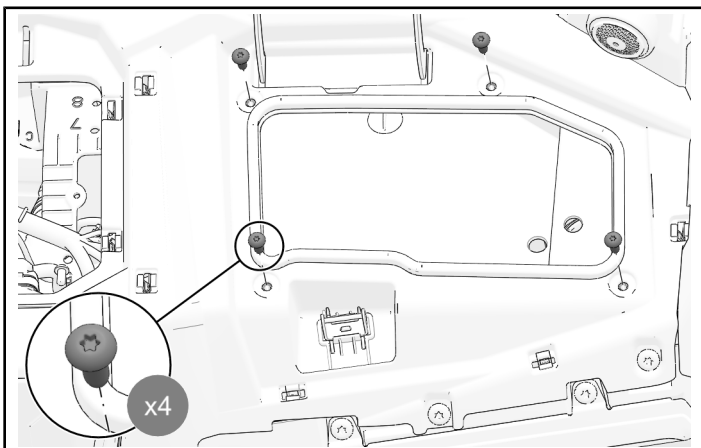
1. Carefully pull up to remove left, center, and right dashboard trim pieces.

#### TIP

Release steering tilt lock for improved access.



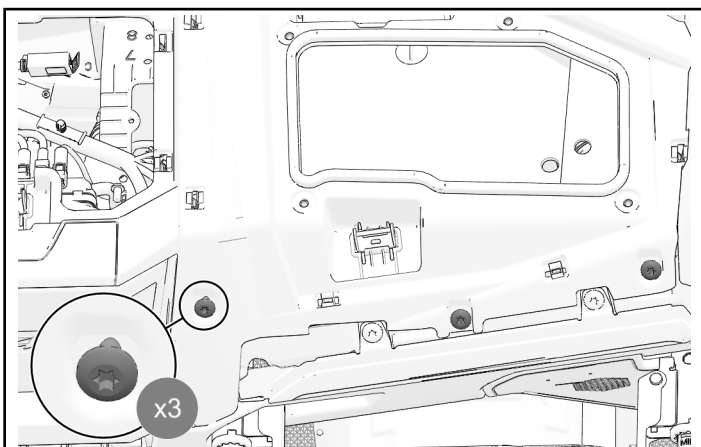
2. Open glove box lid. Remove and keep four dashboard fasteners around glove box opening.



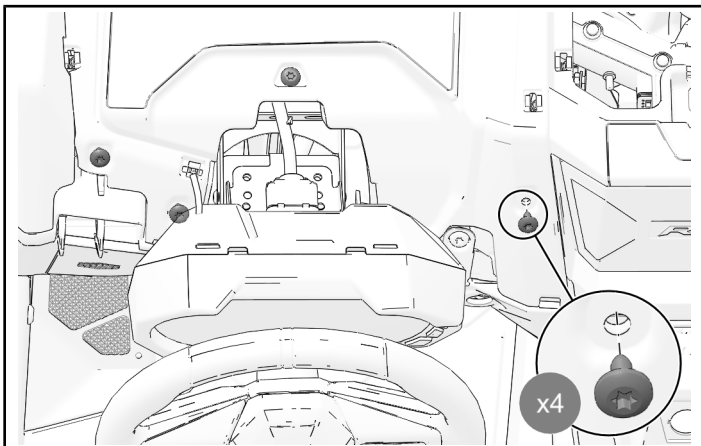
3. Remove and keep three front dashboard fasteners around glove box opening.

**TIP**

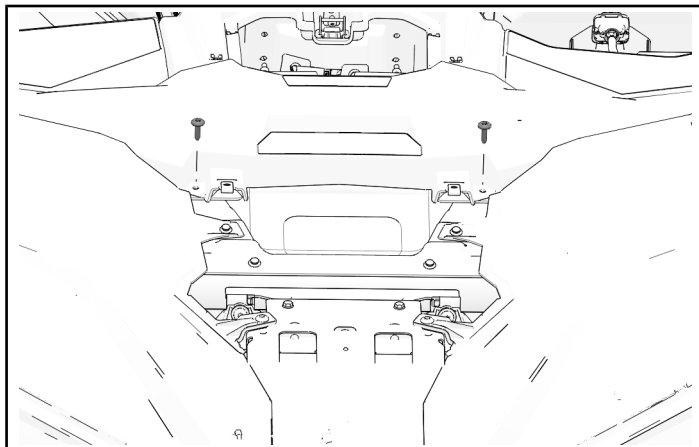
Make note of different screw sizes in steps 2 and 3.



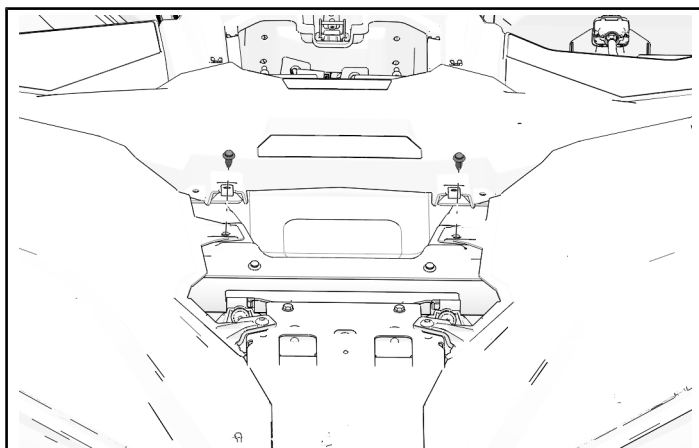
4. Tilt steering wheel down. Remove and keep four dashboard fasteners from dashboard surrounding steering wheel.



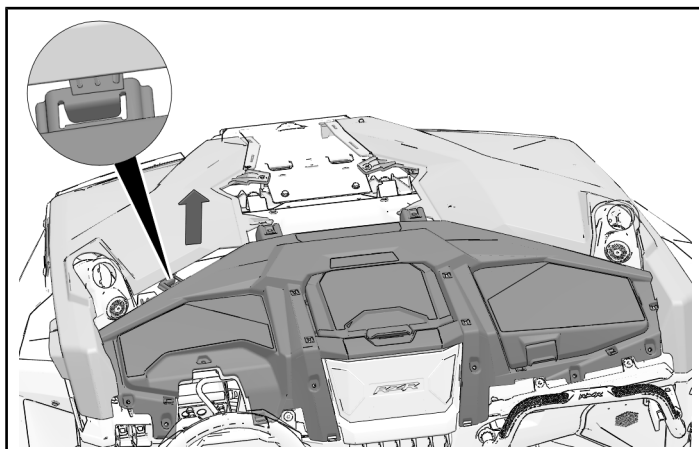
5. Remove and keep two dashboard fasteners from front of vehicle.



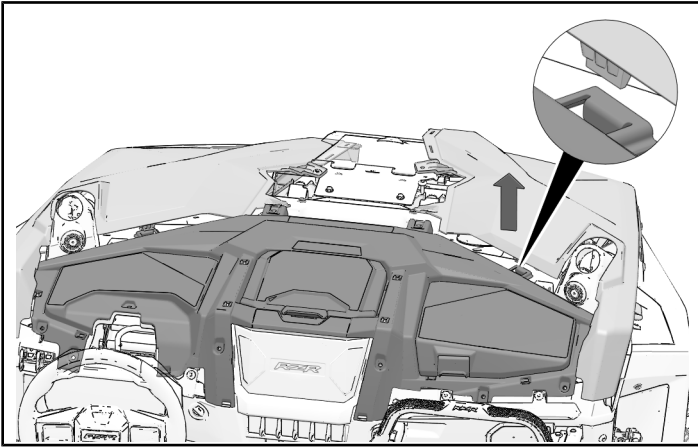
6. Remove and keep two push-pin rivets from front side hood panels.



7. Carefully lift edge of left front hood panel to release tab from dashboard top as shown.



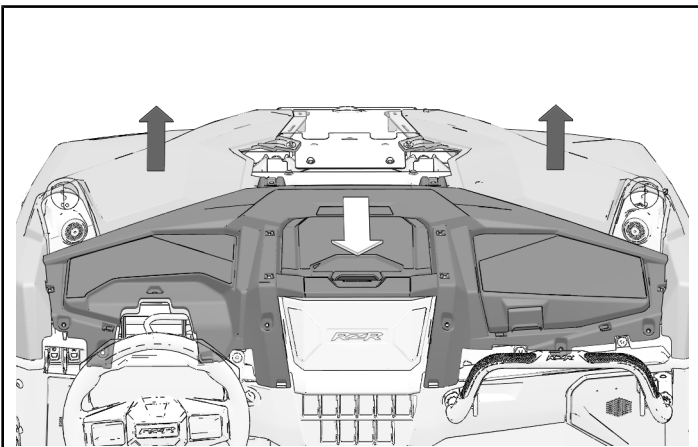
8. Carefully lift edge of right front hood panel to release tab from dashboard top as shown.



9. Carefully keep panels up-and-away from tabs and remove dashboard top by tilting rear section up and pulling out toward rear.

**TIP**

Two people are recommended to complete this step.



## ACCESSORY INSTALLATION

### DASHBOARD PREPARATION

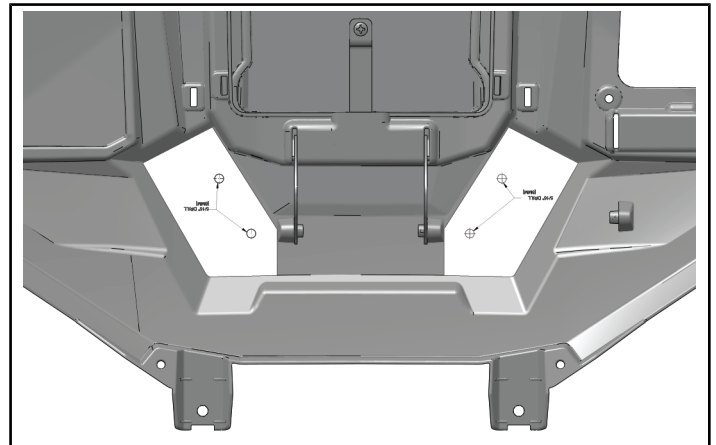
1. Detach template page located at the end of this instruction.
2. Locate REFERENCE DIMENSION on each template page.

Verify REFERENCE DIMENSION is exact and template(s) were printed to proper scale.

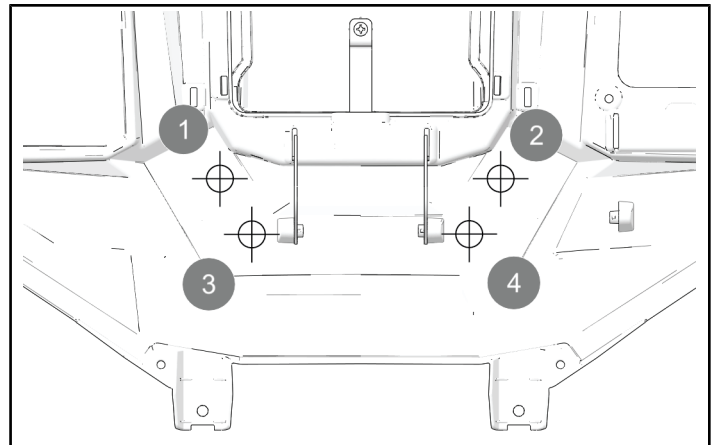
**NOTICE**

If REFERENCE DIMENSION is not exact, reprint template page from electronic file. Adjust print setting to “**Actual Size**” to obtain 1:1 scale. Electronic file available from your **Authorized Dealer**.

3. Cut out each template and align to underside of dashboard panel, as shown. Make sure the distance between holes matches what is listed on the template. Mark four drill points.



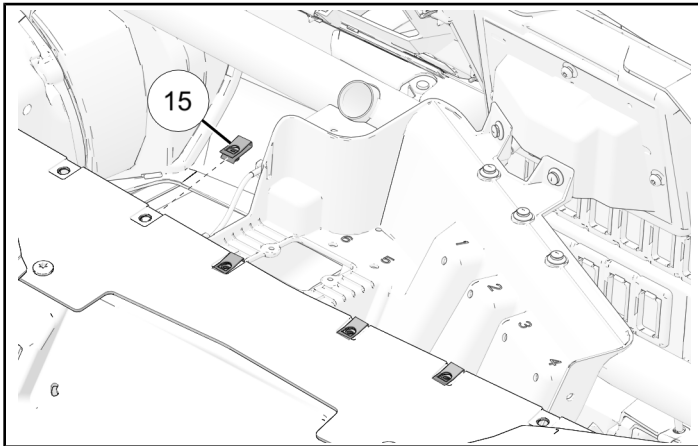
4. Drill four **5/16 in (8 mm)** holes at marked locations.



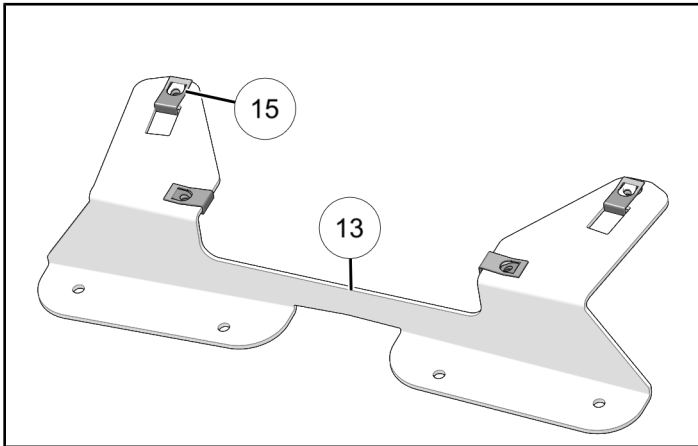


## DASHBOARD BRACKET INSTALLATION

1. Install four U- nuts ⑮ onto four center holes of the firewall.



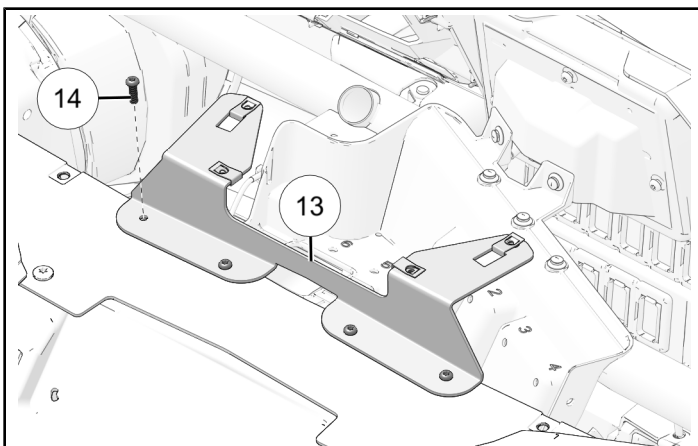
2. Install four U-nuts ⑮ onto dashboard bracket ⑬.



3. Align dashboard bracket ⑬ with U- nuts and install with four fasteners ⑭. Torque four dashboard bracket fasteners to specification.

### TORQUE

Dashboard Bracket Fasteners ⑭:  
**88 in-lbs (10 N·m)**

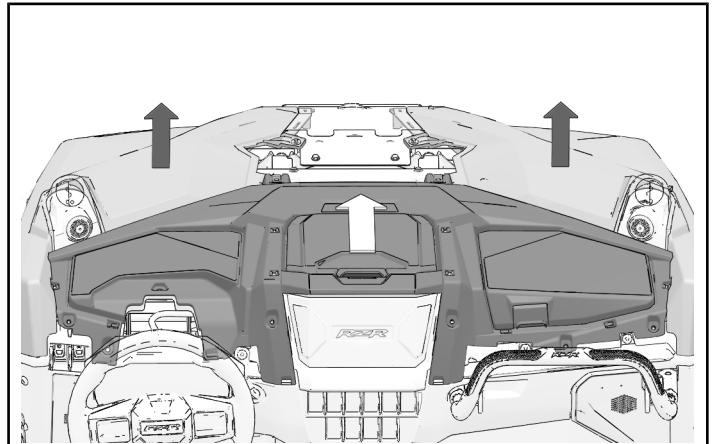


## DASHBOARD INSTALLATION

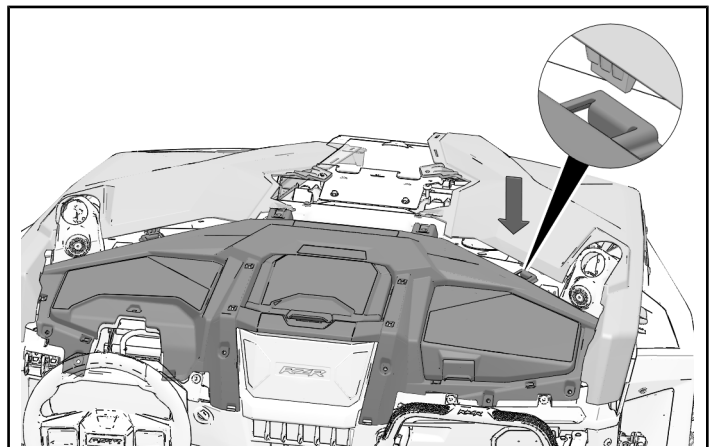
1. Carefully lift panels up-and-away from tabs and install dashboard top into place by tilting rear section up and installing front section first, then lower rear section into place.

### TIP

Two people are recommended to complete this step.



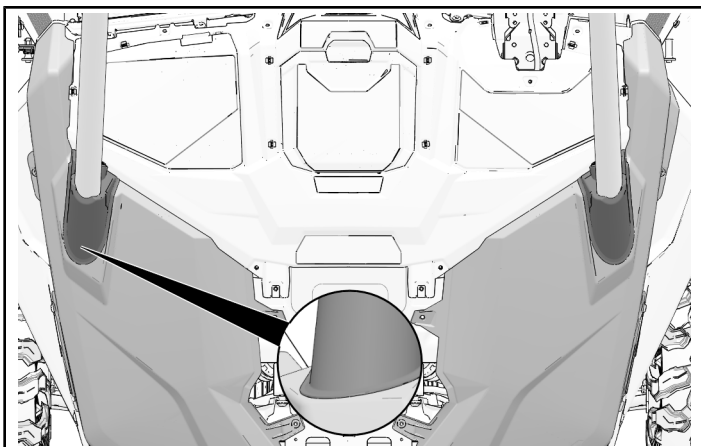
2. Make sure tabs on panels are aligned in slots on dashboard top. (Passenger-side panel shown; driver-side panel similar.)



3. Make sure both rubber boots are properly seated around hood panels. Only upper lip should be visible, as shown with inset.

#### TIP

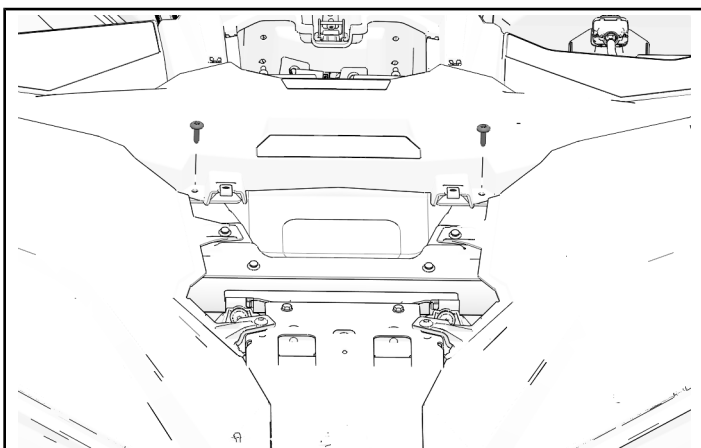
Push up on inside of fender to ease installation.



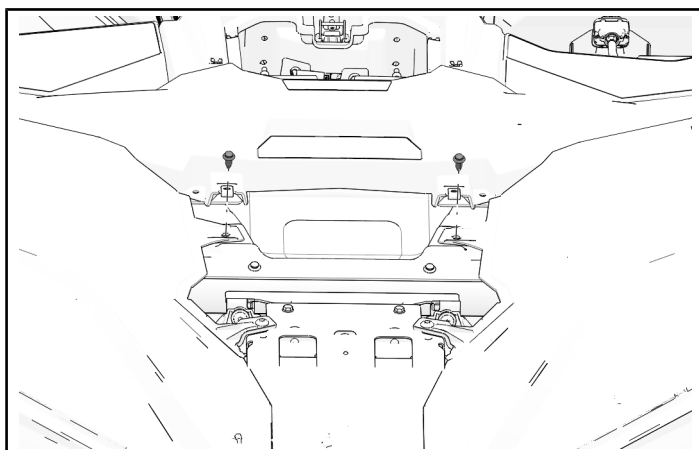
4. Reinstall two retained front dashboard fasteners into front edge of top dashboard.

#### TORQUE

Front Dashboard Fasteners:  
**88 in-lbs (10 N·m)**



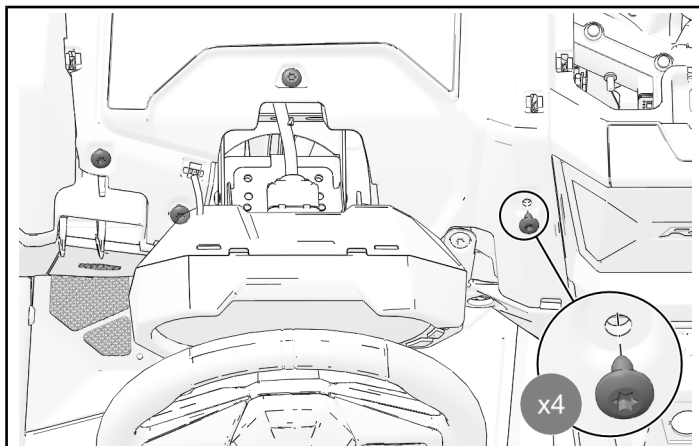
5. Install hood panels to vehicle with two retained push-pin rivets



6. Tilt steering wheel down. Install four retained screws through dashboard top and torque to specification.

#### TORQUE

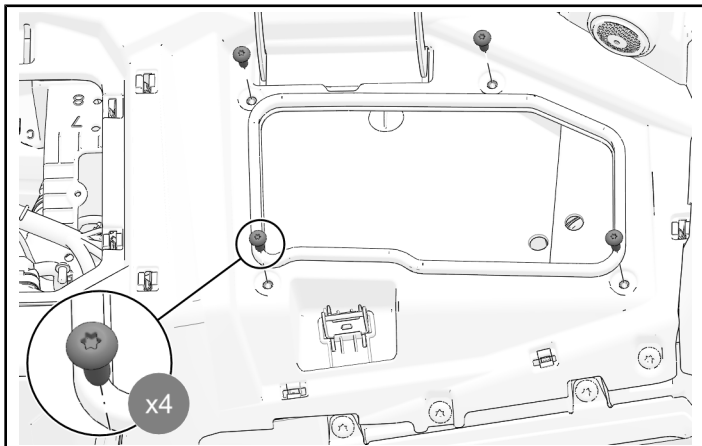
Dashboard Fasteners:  
**88 in-lbs (10 N·m)**



7. Open glove box lid and reinstall storage compartment. Install four retained dashboard fasteners around glove box opening.

#### TORQUE

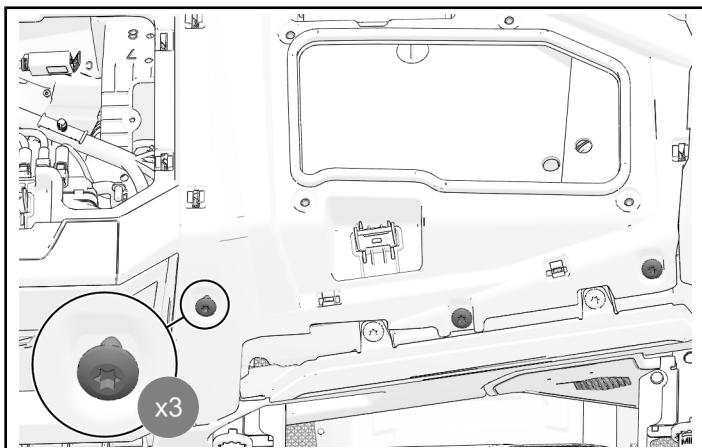
Dashboard Fasteners:  
**88 in-lbs (10 N·m)**



8. Install front of dashboard with three retained dashboard fasteners.

#### TORQUE

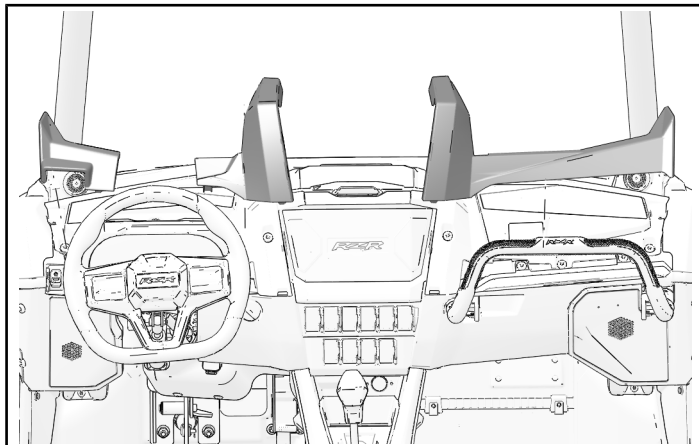
Dashboard Fasteners:  
**88 in-lbs (10 N·m)**



9. Install retained left, center, and right dashboard trim pieces.

#### TIP

Release steering tilt lock for improved access.

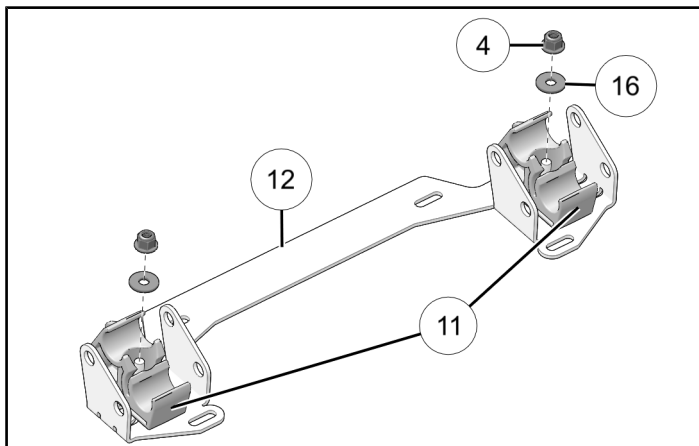


#### DASHBOARD PLATE INSTALLATION

1. Install two snap latches (11) to dashboard plate (12) with two washers (16) and two nuts (4). Torque two nuts to specification.

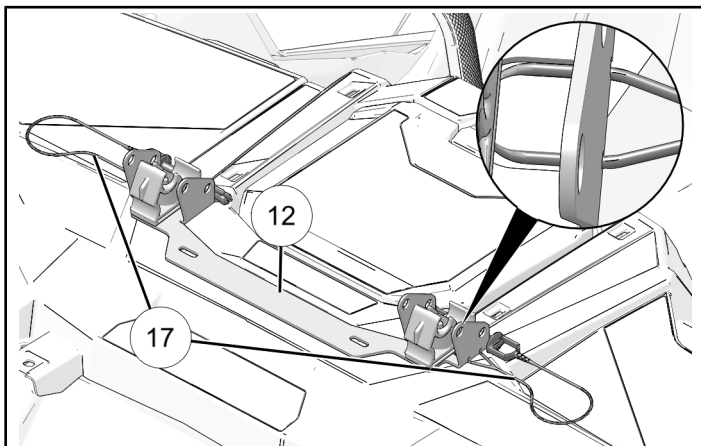
#### TORQUE

Snap Latch Nuts (4):  
**75 in-lbs (8.5 N·m)**



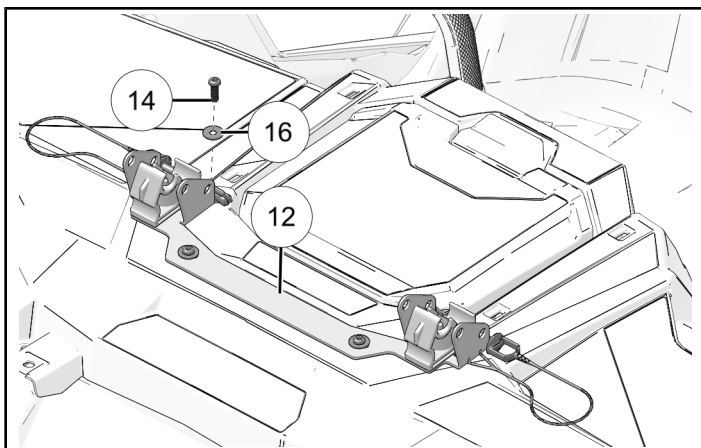


- Put the dashboard plate ⑫ on top of the dashboard. Make sure each the loop of each pin ⑰ is seated around the cut-out on the bottom of the dashboard plate.



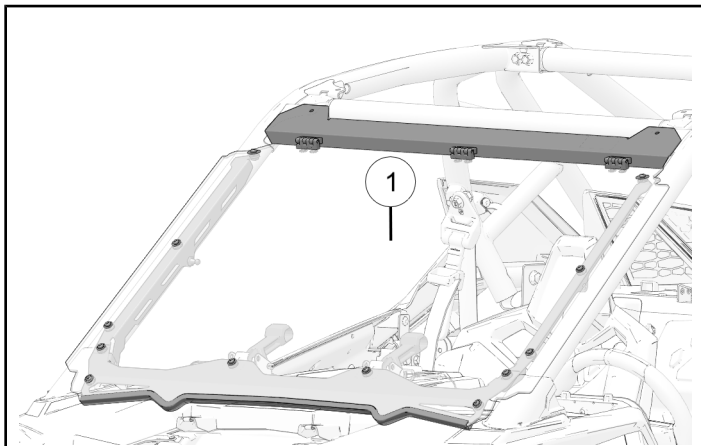
- Loosely install dashboard plate ⑫ with four fasteners ⑭ and four washers ⑯.

Do not torque screws at this time.



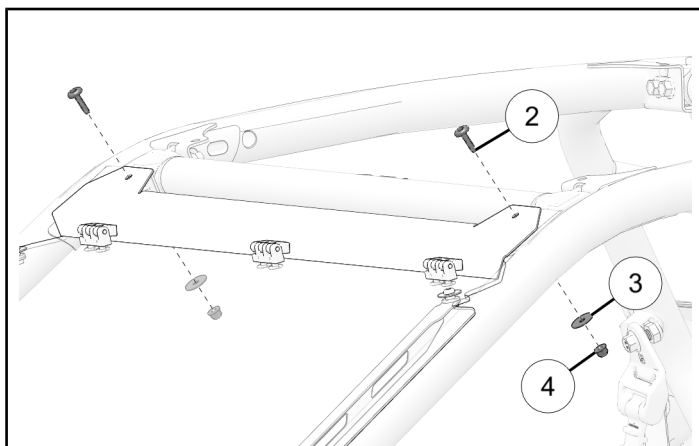
## WINDSHIELD INSTALLATION

- Lean windshield ① against roll-cage.



- Install top of windshield with two fasteners ②, two washers ③, and two nuts ④.

Do not torque fasteners at this time.



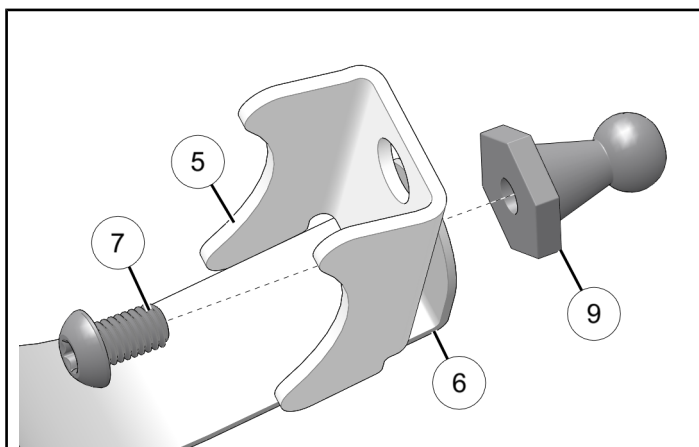
- Assemble band clamp ⑥ to clamp mount ⑤ with strut ball-end ⑨ and one fastener ⑦. Counter-hold ball-end and torque fastener to specification.

### NOTICE

One clamp assembly shown; other similar.

### TORQUE

Clamp Fastener ⑦:  
**88 in-lbs (10 N·m)**

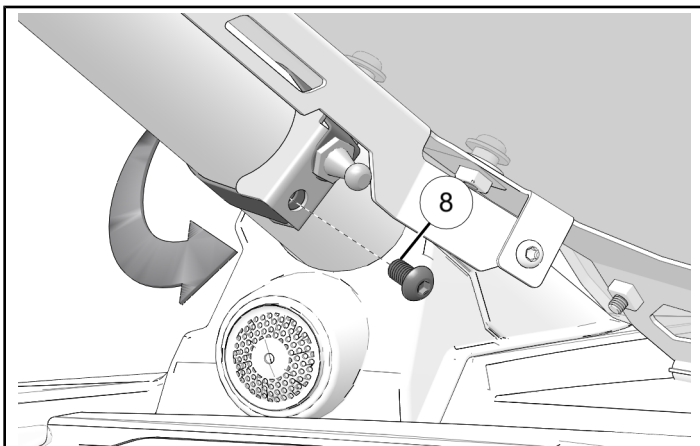


4. Wrap clamp around A-pillar and position within inset of windshield frame. Loosely tighten clamp with one clamp fastener ⑧.

**NOTICE**

One clamp assembly shown; other similar.

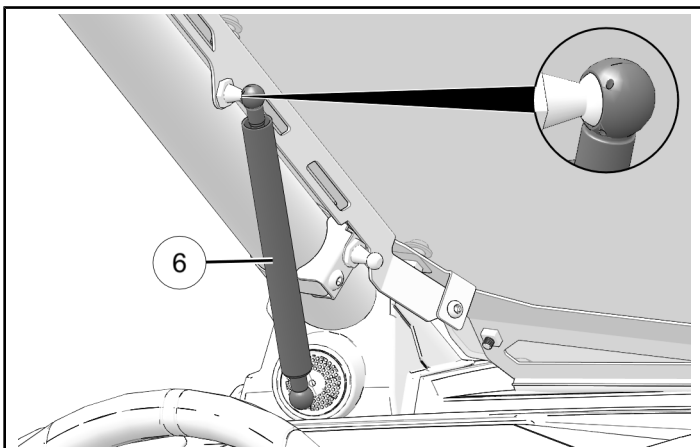
Do not over torque fasteners. Adjustments may be needed.



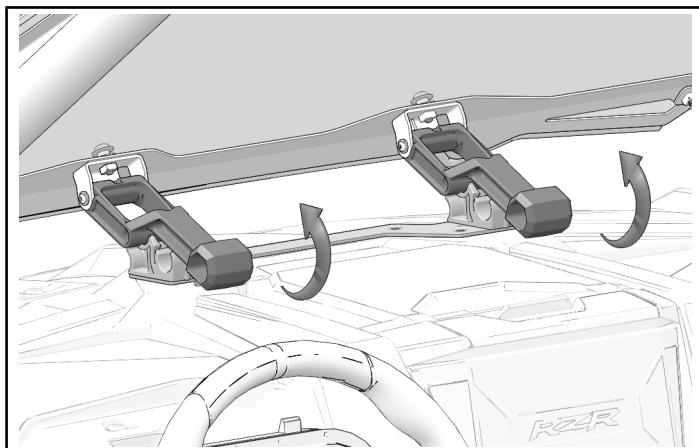
5. Install strut ⑥ to ball-end on windshield frame.

**NOTICE**

One strut shown; other similar.



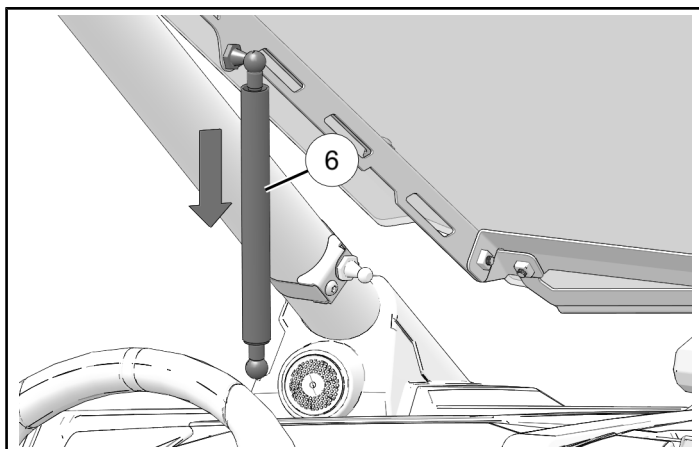
6. Lift windshield latches to open windshield and rest latches on front latch snap position.



7. Lower strut ⑥ to clamp.

**NOTICE**

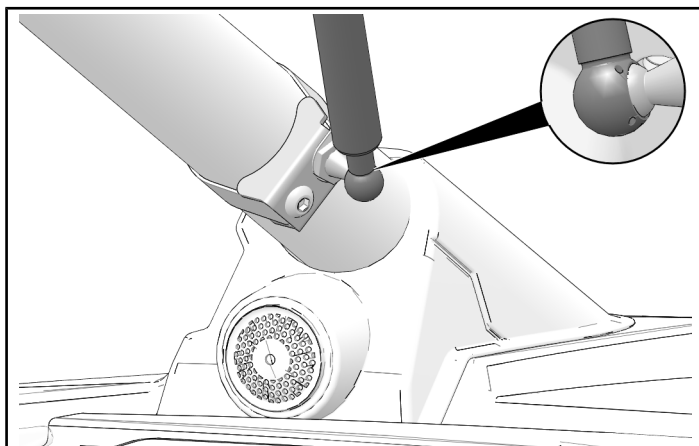
One strut shown; other similar.



8. Install strut to ball-end on clamp.

**NOTICE**

One strut shown; other similar.



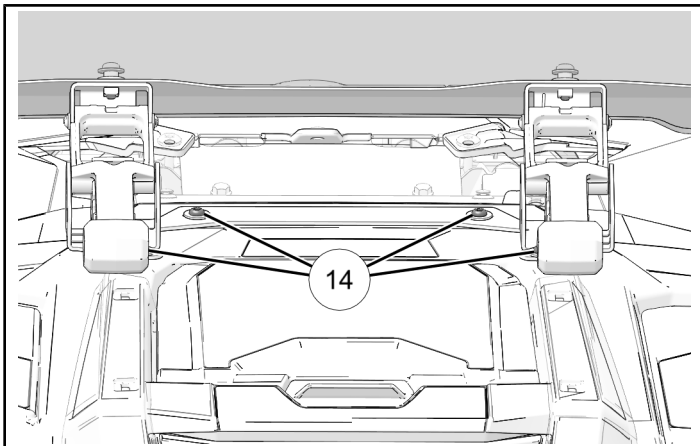
9. Adjust clamp positioning and windshield plate so that windshield struts operate properly:

- Windshield latches must rest evenly on dashboard plate assembly.
- Clamps must be at equal height.
- Windshield must open and close smoothly without interference from strut positioning.

10. Torque four windshield plate fasteners to specification.

#### TORQUE

Windshield Plate Fasteners ⑭:  
**75 in-lbs (8.5 N·m)**



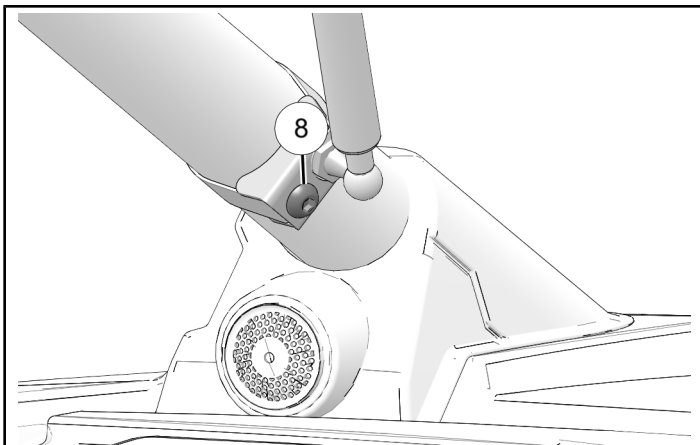
11. Tighten two clamp fasteners ⑧ to specification.

#### NOTICE

One clamp assembly shown; other similar.

#### TORQUE

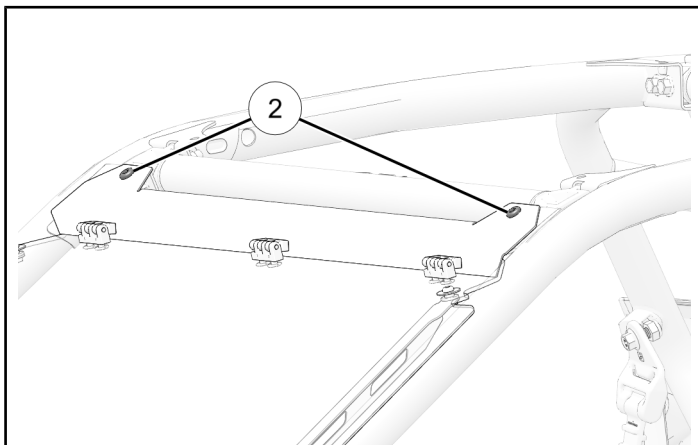
Clamp Fasteners ⑧:  
**26 in-lbs (3 N·m)**



12. Counter-hold nuts ④ and torque two windshield fasteners ② to specification.

#### TORQUE

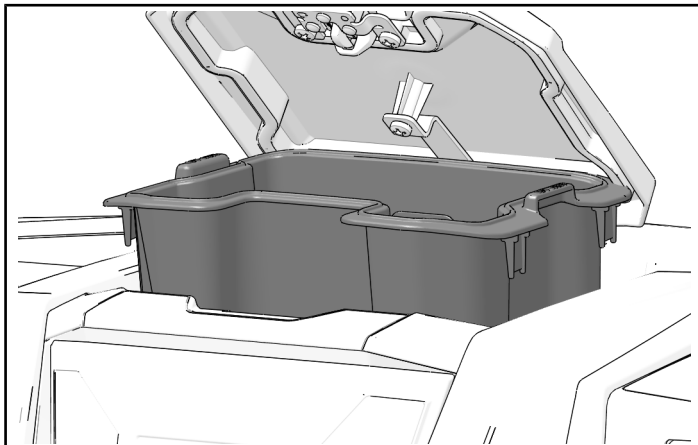
Top Windshield Fasteners ②:  
**88 in-lbs (10 N·m)**



## VEHICLE REASSEMBLY

### DASHBOARD STORAGE INSTALLATION

1. Put storage compartment into dashboard cavity.

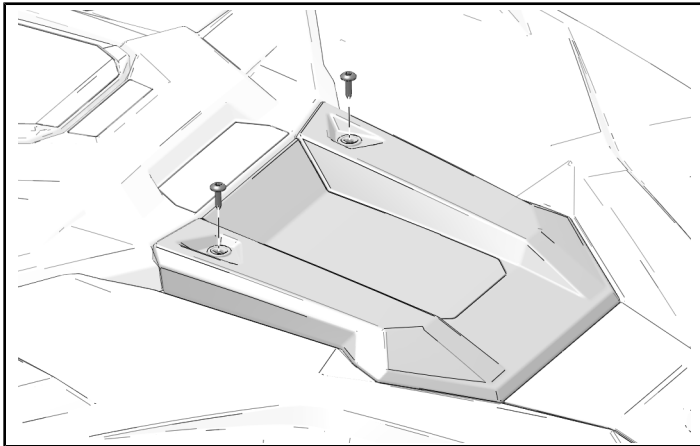


## CENTER HOOD PANEL INSTALLATION

1. Move panel forward until tabs slide into front hood panel and install with two hood fasteners.

### TORQUE

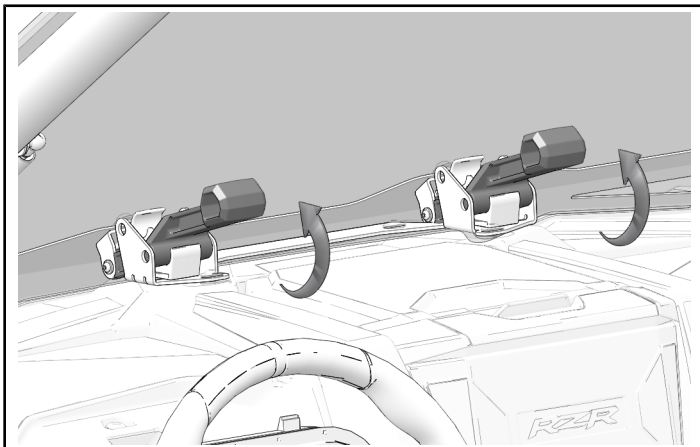
Hood Fasteners:  
**88 in-lbs (10 N·m)**



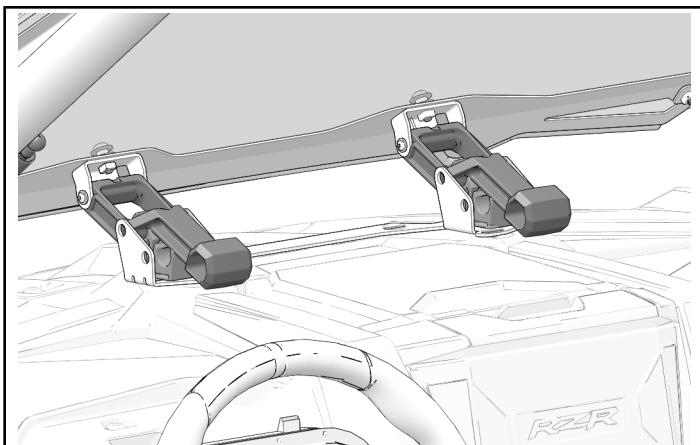
## OPERATION

### TIP OUT OPERATION

1. Lift latches simultaneously.

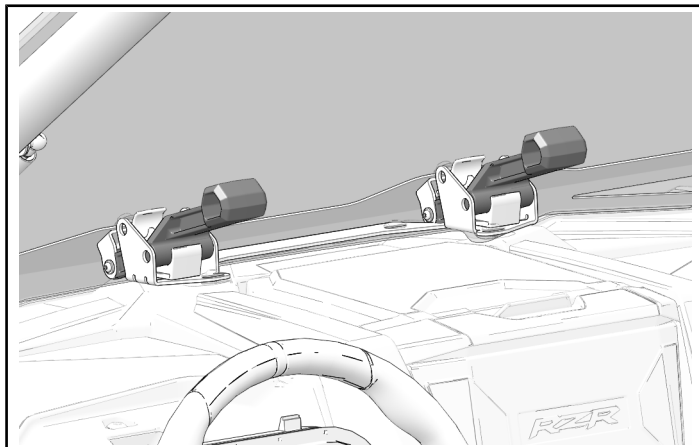


2. Rest latches on front latch snap position and push until latches snap into place.

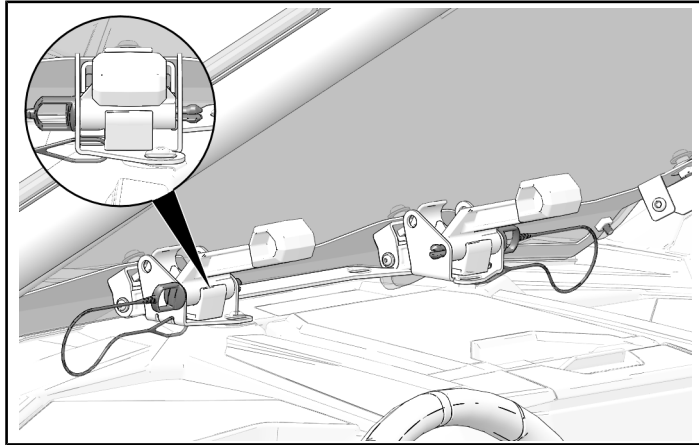


### LOCKING OPERATION

1. Make sure latches engage rearmost snap position.



2. Put pins through dashboard plate and each latch to lock windshield.



## INSTRUCTION FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

