

Assist Step Kit Installation



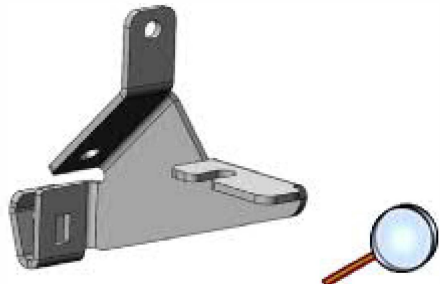
[Installation Instructions Part Number](#)

84020499

Unpack contents of box and take inventory.

Note: GM service kits are available if missing hardware, support brackets, or holes in vehicle.

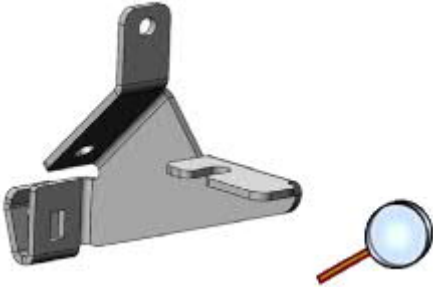
Kit Contents

Description	Qty:
Step Assist Assembly - LH 	1
Step Assist Assembly - RH 	1
(A) Bracket 	2

Description

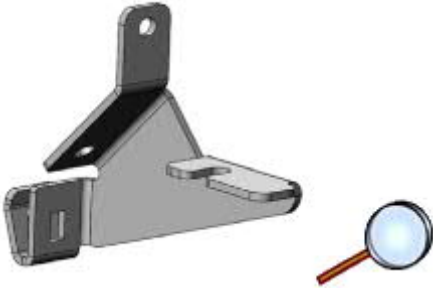
Qty:

(B) Bracket



2

(C) Bracket



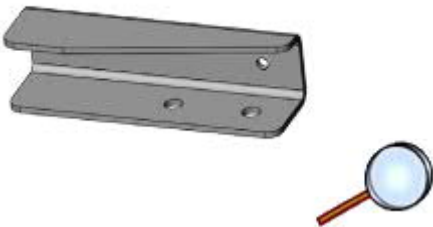
2

(D) Bracket



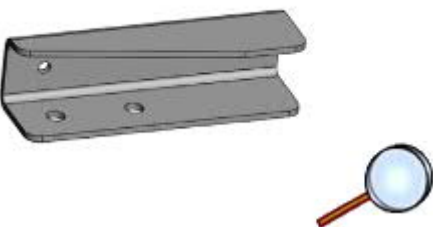
2

(Y) Bracket



2

(Z) Bracket



2

Description**Qty:**

Door Seal – Driver



1

Door Seal – Passenger



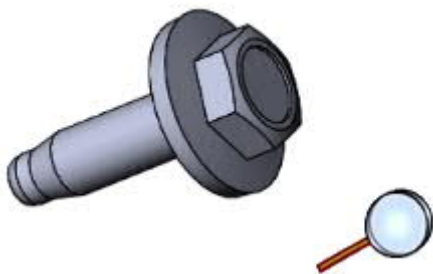
1

Hex Riv Nut M6



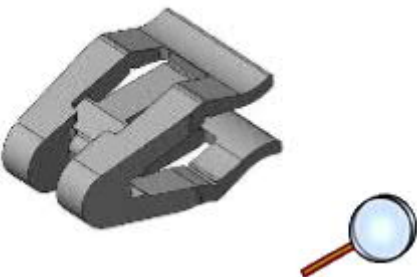
12

M6 Bolt



12

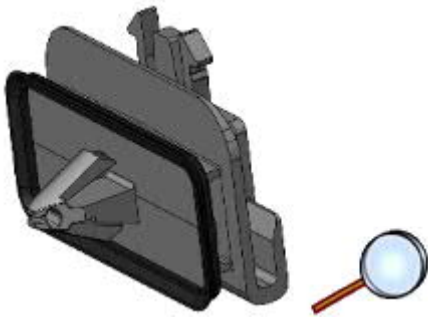
Plastic Retaining Clip



2

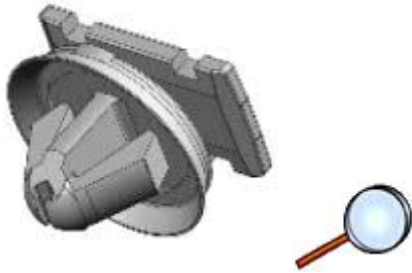
Description**Qty:**

Large Retaining Clip



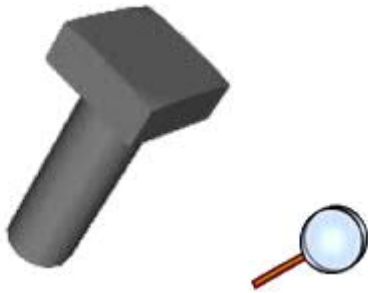
4

Small Retaining Clip



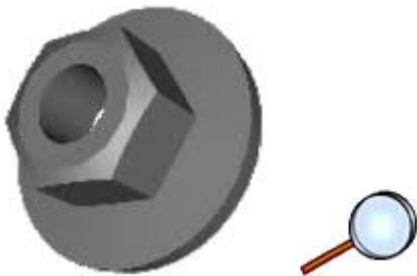
28

Square Head Bolt M8



16

SEMS Washer Nut M8

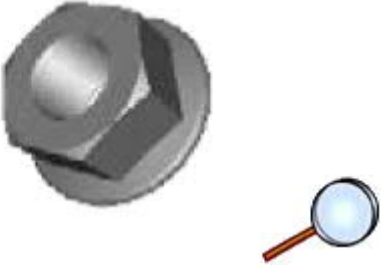
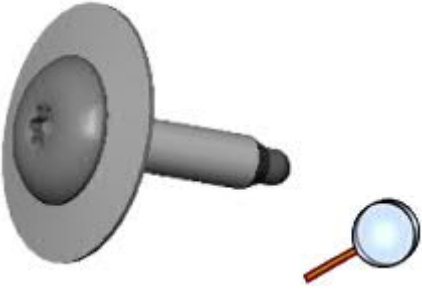


8

Carriage Bolt M8



4

Description	Qty:
Serrated Flange Hex Nut M8 	12
Torx Screw 	8
Installation Instructions	1

Tools Required

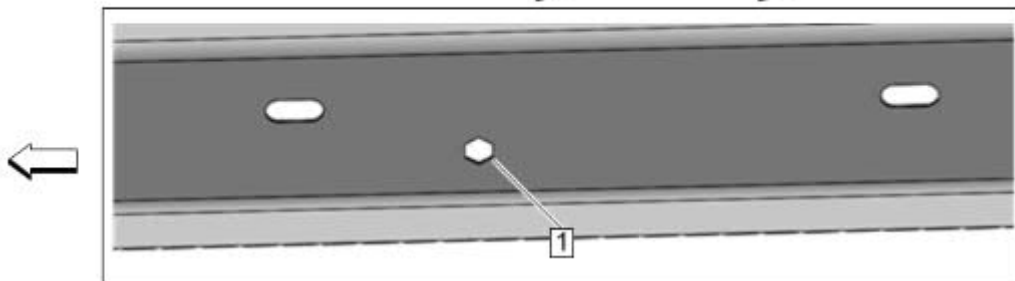
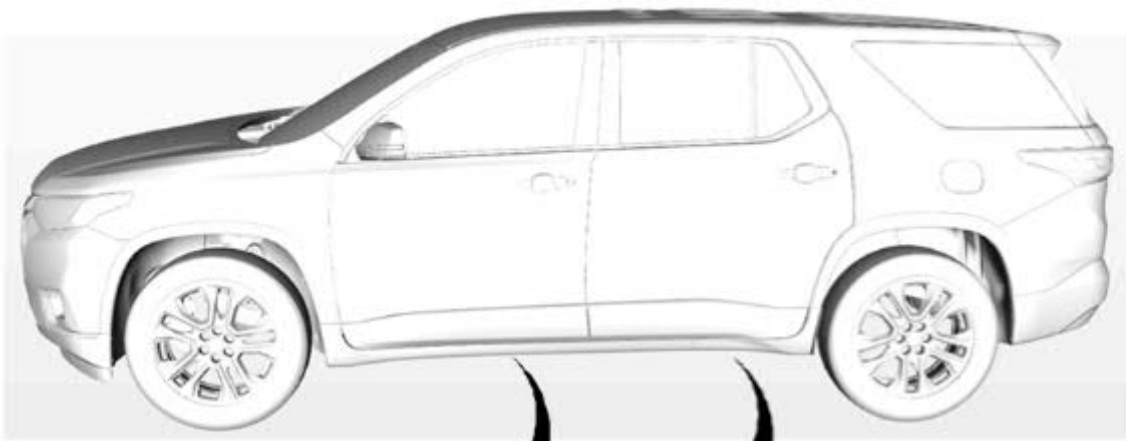
T15 Driver
 10mm Socket
 13mm Socket
 Torque Wrench
 Trim Removal Tool
 Hammer
 M6 Riv Nut Tool
 Tape Measure
 Pencil
 Straight Edge

Note:

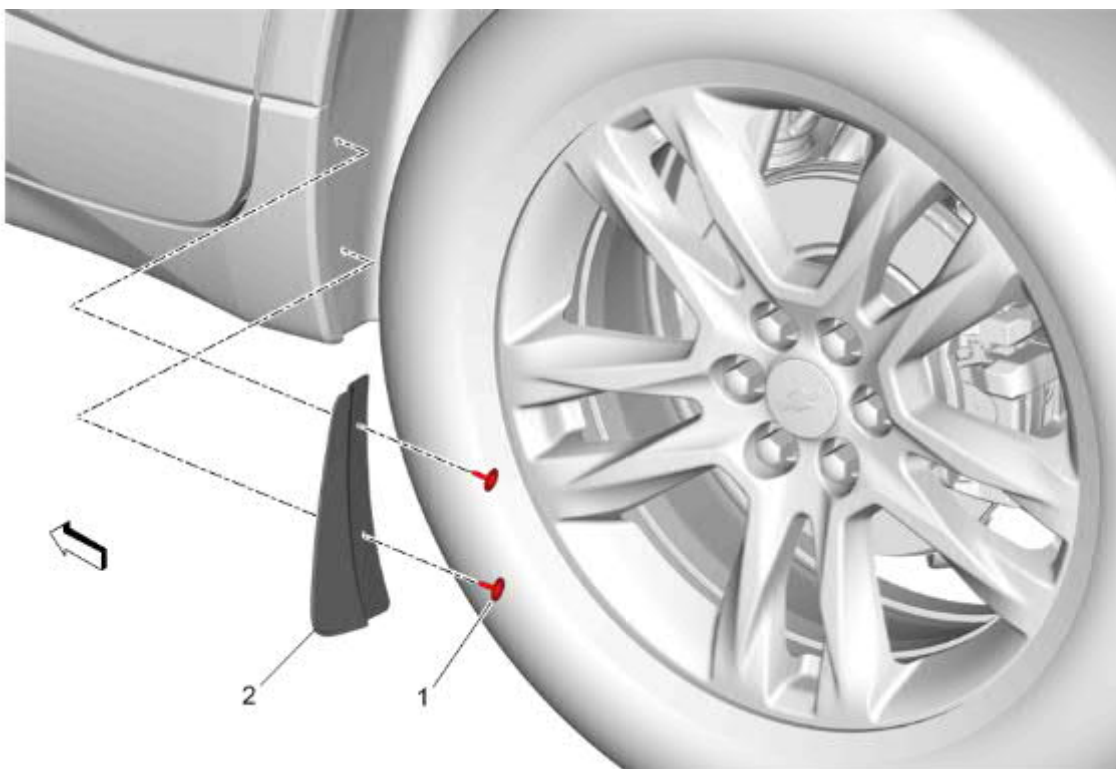
- Carefully read and understand instructions and components completely before beginning installation.
- Wash/clean vehicle exterior thoroughly before beginning installation.

Procedure

1. Place RH assist step on passenger side, and place LH assist step on the driver's side.
2. Suitably raise and support the vehicle. Refer to Vehicle Service Manual.
3. Remove the front and rear wheel and tire assemblies. Refer to Vehicle Service Manual.

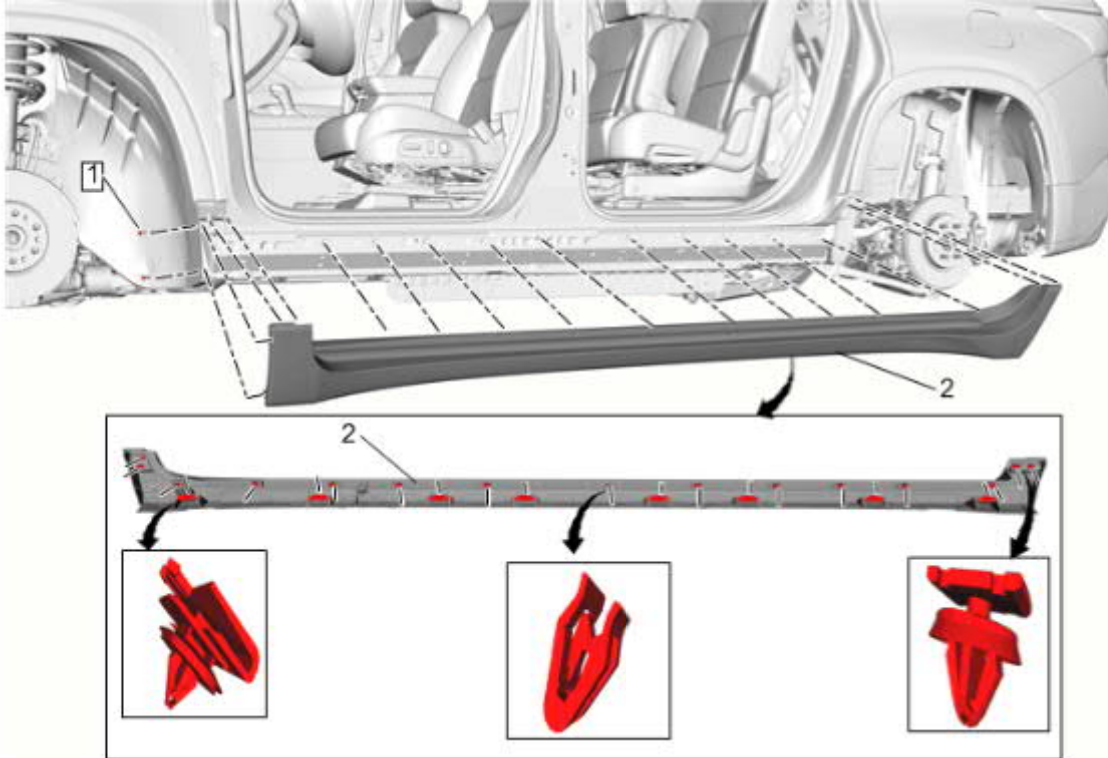


4. If hexagonal holes (1) are present in the Rocker at indicated locations, proceed to Step 5. If no holes are present in Rocker locations, GM Service Kit 84357975 must be acquired before proceeding.



Note: If vehicle does not have rocker panel molding installed, skip to Step 10.

5. Remove the bolts (1) and the rear tire air deflector (2). Discard the bolts.

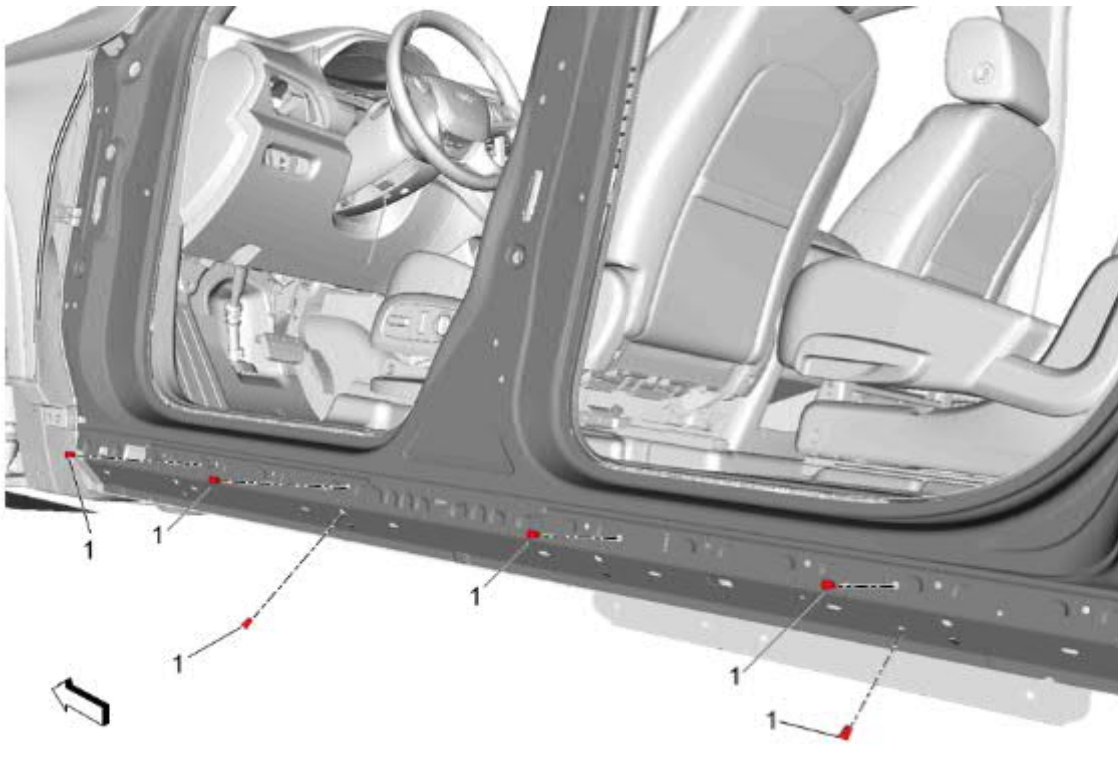


6. Open the front and rear side doors.
7. Remove the front lower wheelhouse bolts (1).
8. Using the appropriate tool, release the retaining clips from the bottom edge and pull down the rocker panel molding (2) from the body side outer panel.
9. Using the appropriate tool, release the retainers from the top edge, pull out the rocker panel molding down from the body side outer panel and remove rocker panel molding (3).

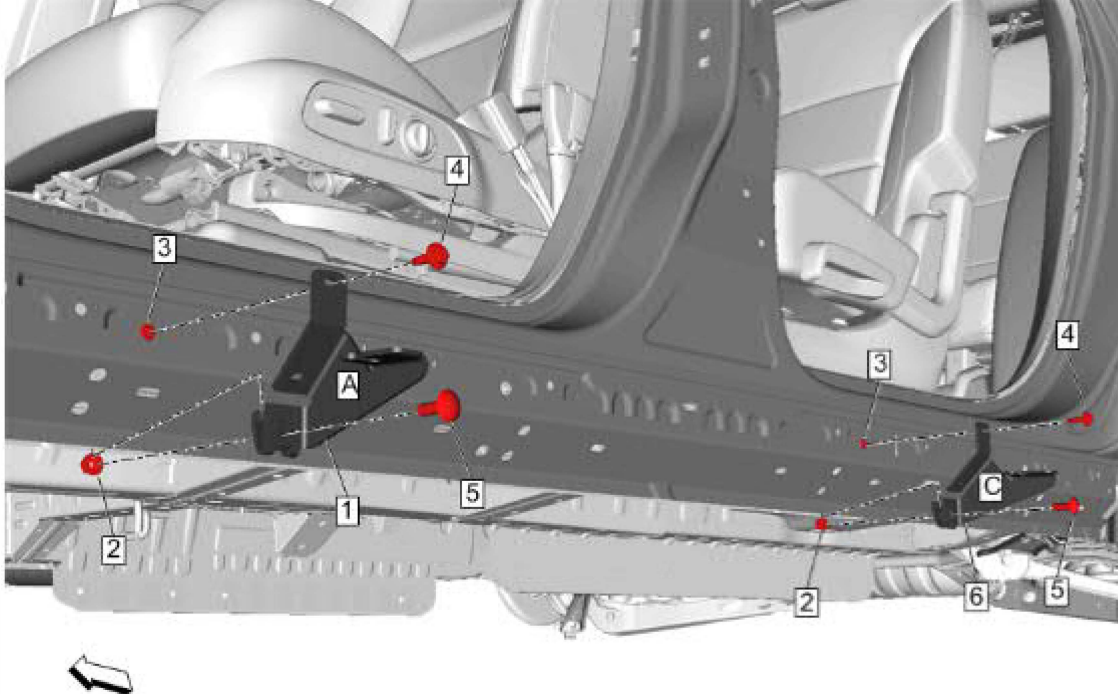
Note: Use caution not to damage PEP Sensor or wiring hidden behind rocker panel moldings.

Note: Remove and discard any plastic retainers that remain after the removal of the rocker panel molding.

Note: Use a suitable tool to straighten out any sheet metal that was deformed while removing the rocker panel molding and plastic retainers.



10. Install Hex Riv Nut (1) , M6 at hexagonal hole locations shown using M6 Riv Nut Tool. If hexagonal holes are not present, install GM Service Kit 84357975.

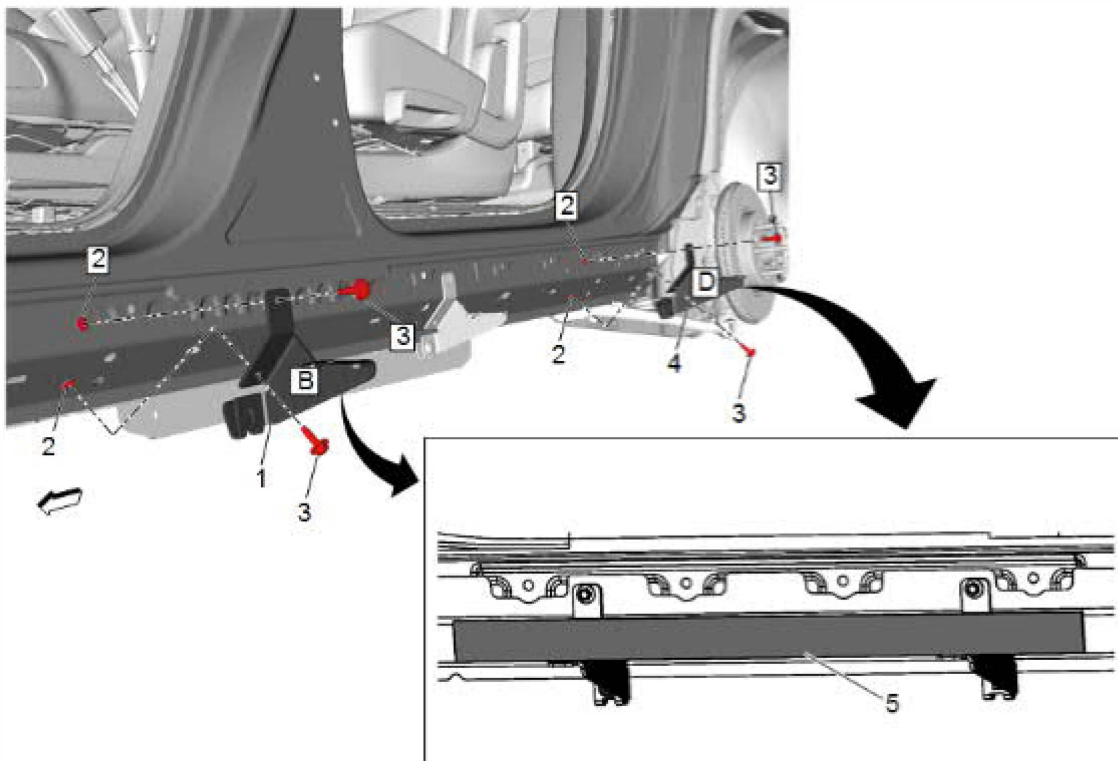


Caution: Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Do not use paints, lubricants, or corrosion inhibitors on fasteners, or fastener joint surfaces, unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct tightening sequence and specifications when installing fasteners in order to avoid damage to parts and systems. When using fasteners that are threaded directly into plastic, use extreme care not to strip the mating plastic part(s). Use hand tools only, and do not use any kind of impact or power tools. Fastener should be hand tightened, fully seated, and not stripped.

11. Install A Bracket (1) and C Bracket (6) to riv nut (3) at locations shown, using M6 Bolt (4), M8 Carriage Bolt (5) and M8 Serrated Flange Hex Nut (2). Verify bracket (1), (6) is perpendicular to vehicle frame, then tighten M8 Serrated Flange Hex Nut (2) to ensure bracket cannot rotate, then tighten the M6 Bolt (4).

Tighten

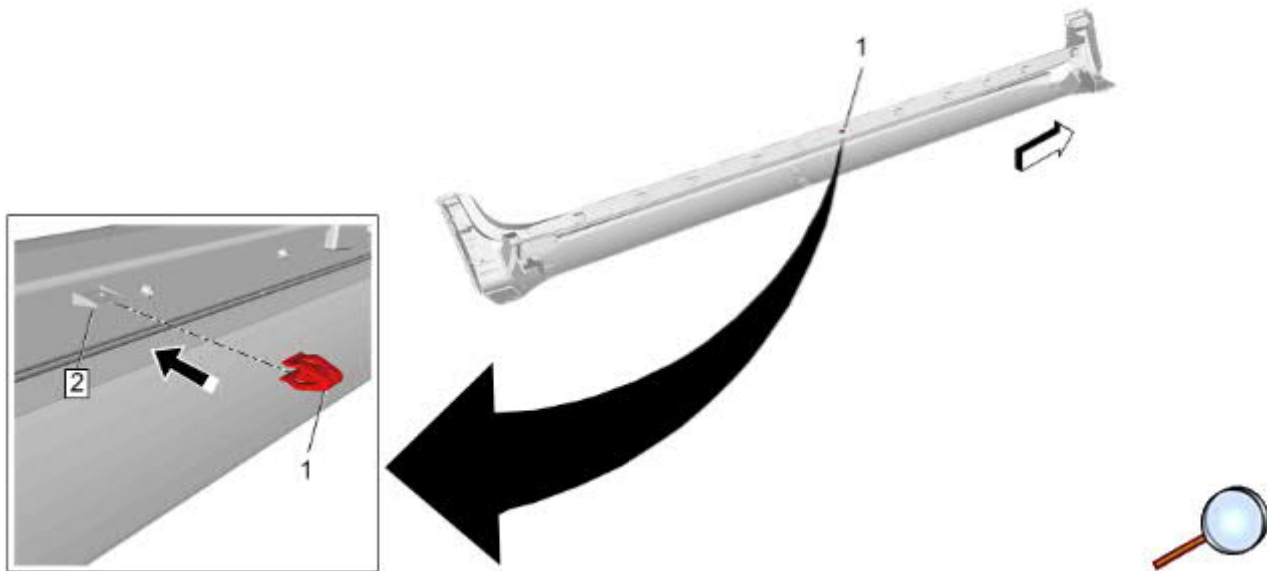
Tighten the M8 Serrated Flange Hex Nut to 25 N m (18.5 lb ft). **Tighten**
Tighten the M6 bolts to 11.5 N m (8.5 lb ft).



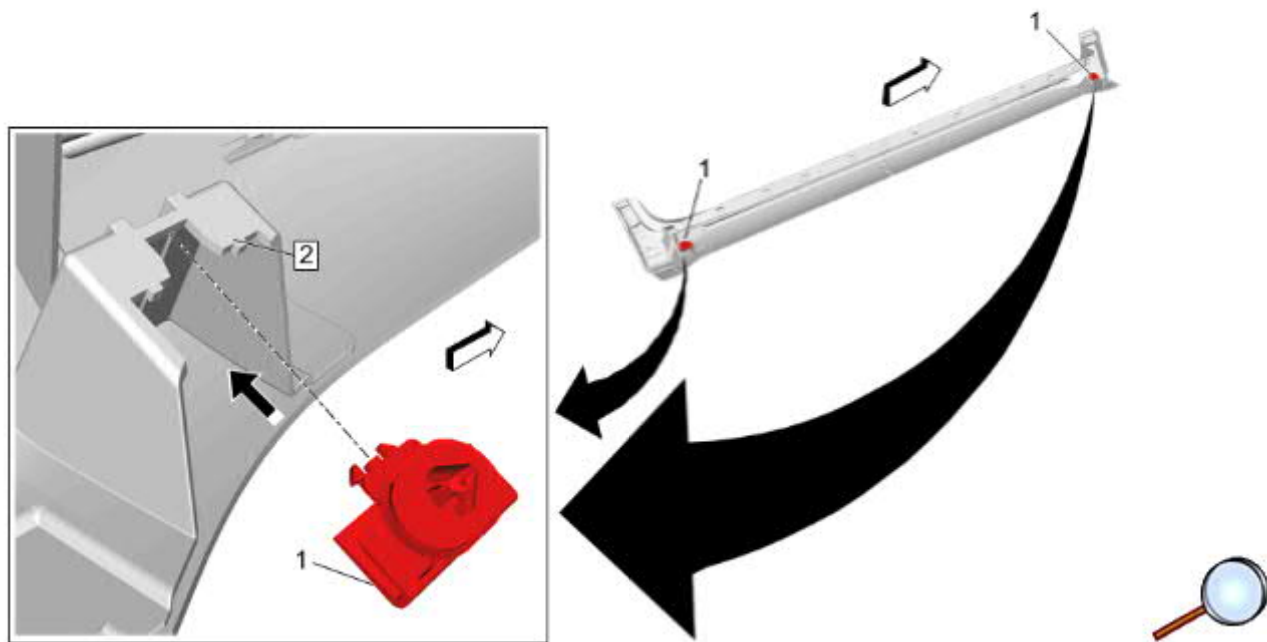
12. Install B Bracket (1) and D Bracket (4) to riv nut (2) at locations shown, using M6 Bolt (3). After brackets are installed, use a straight edge (5) to verify top surface of brackets are parallel. Adjust brackets as needed.

Tighten

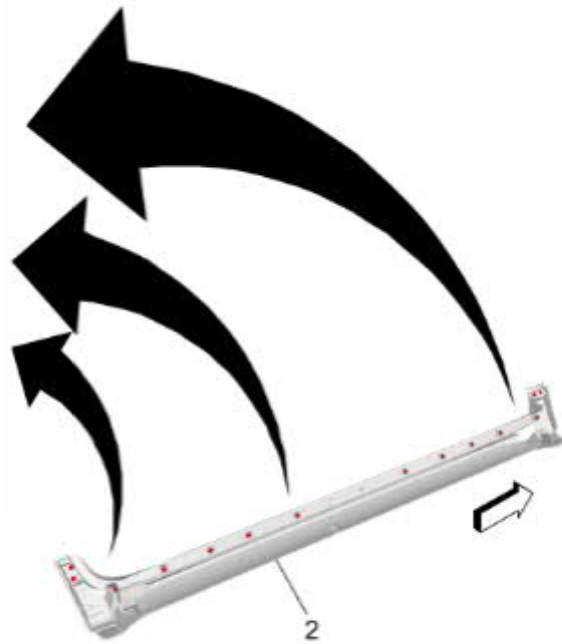
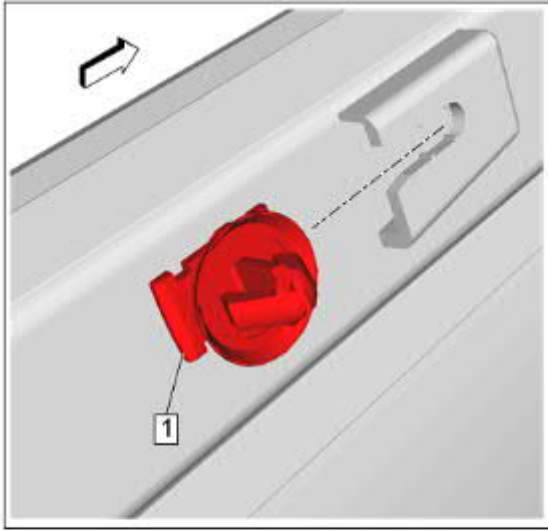
Tighten the M6 bolts to 11.5 N m (8.5 lb ft).



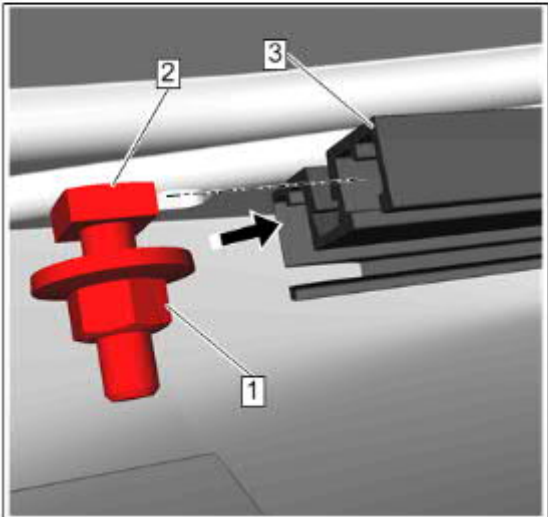
13. Install plastic retaining clip (1) (Qty: 1) on assist step assembly (2) at location shown.



14. Install large retaining clip (1) (Qty: 2) on assist step assembly (2) at location shown.



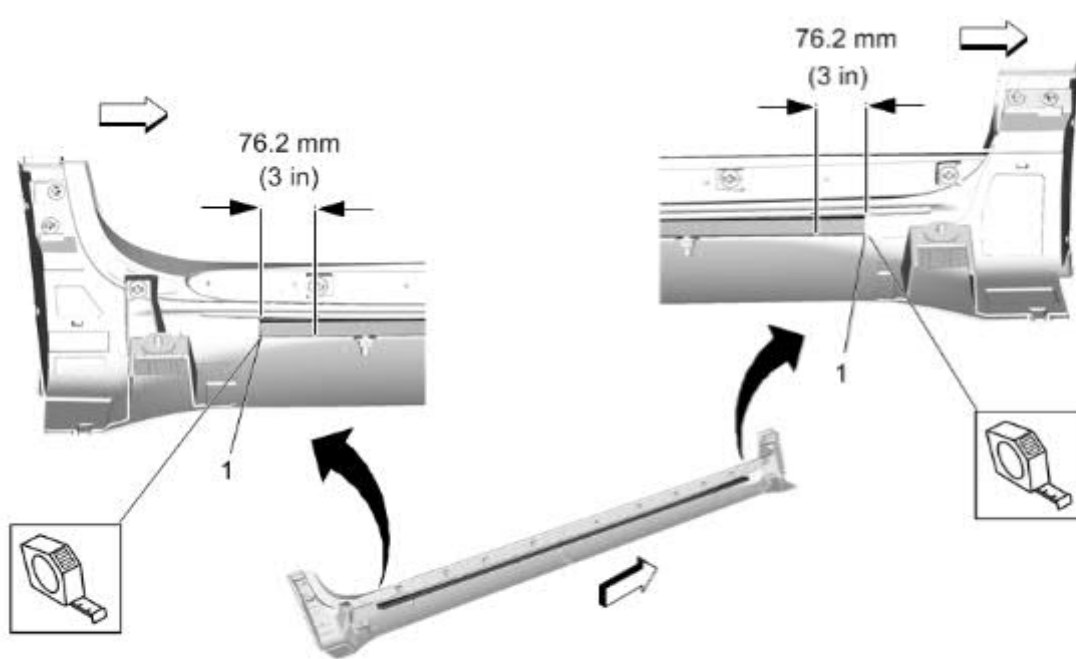
15. Install small retaining clip (1) (Qty: 14) on assist step assembly (2) at location shown.



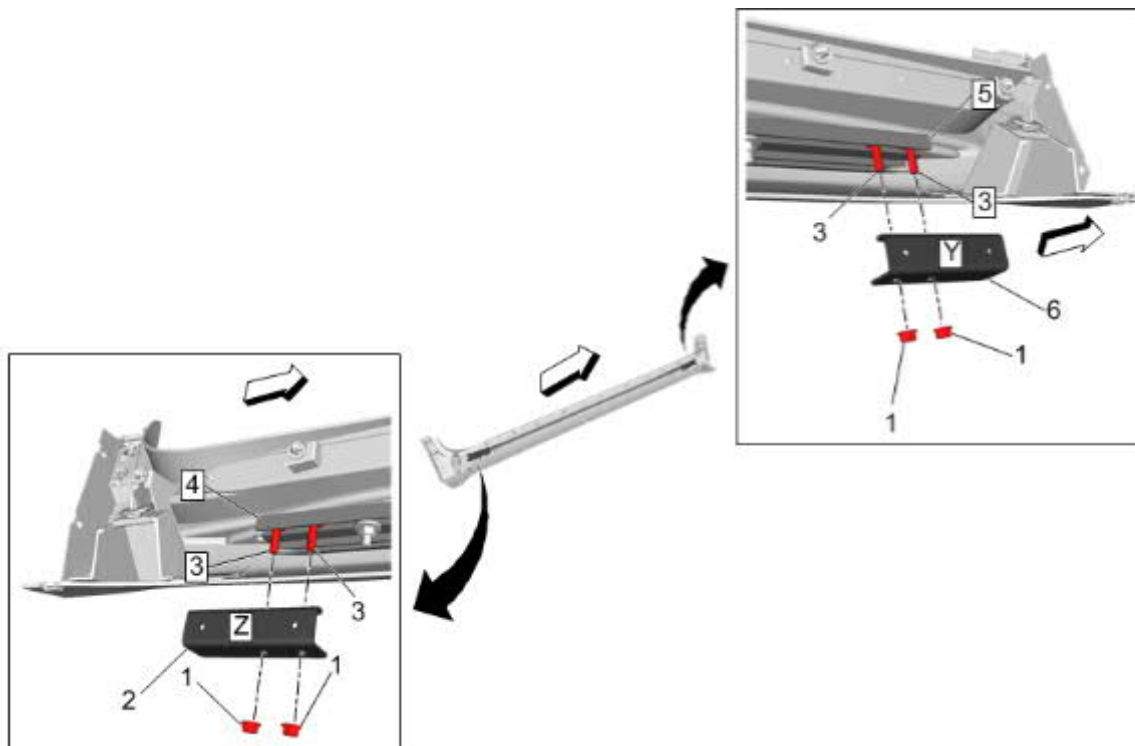
16. Install M8 Square Head Bolt (2) (Qty: 4) and M8 SEMS Washer Nut (1) (Qty: 4) into extrusion (3) on Assist Step Assembly at locations shown.

Note: Do not tighten at this time.





17. Use Tape Measure and Pencil to place a mark 76.2mm [3in] from each end of the aluminum extrusion (1).



18. Install Y Bracket (6) at front of Assist Step Assembly (5), using M8 Square Head Bolt (3), (QTY: 2) and M8 Serrated Flange Hex Nut (1), (QTY: 2). Align end of Y Bracket with marking from the previous step.

Note: When installing Step Assist Assembly – Passenger, Y Bracket will be installed at rear location.

Tighten

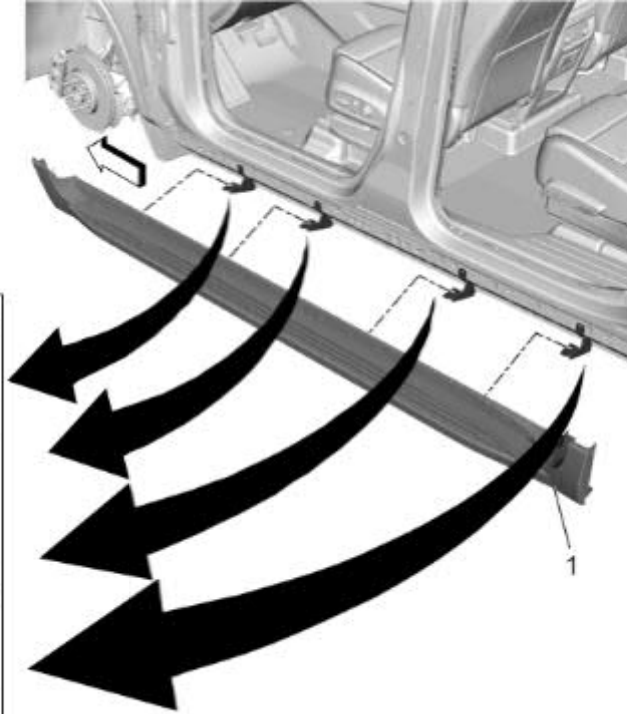
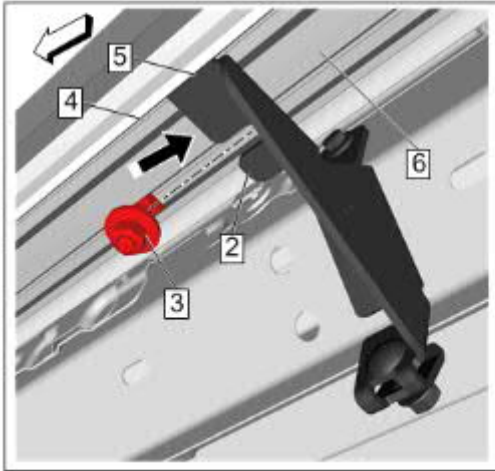
Tighten the M8 Serrated Flange Hex Nut to 20 N m (15 lb ft).

19. Install Z Bracket (2) at rear of Assist Step Assembly (4), using M8 Square Head Bolt (3), (QTY: 2) and M8 Serrated Flange Hex Nut (1), (QTY: 2). Align end of Z Bracket with marking from step 17.

Note: When installing Step Assist Assembly – Passenger, Z Bracket will be installed at front location.

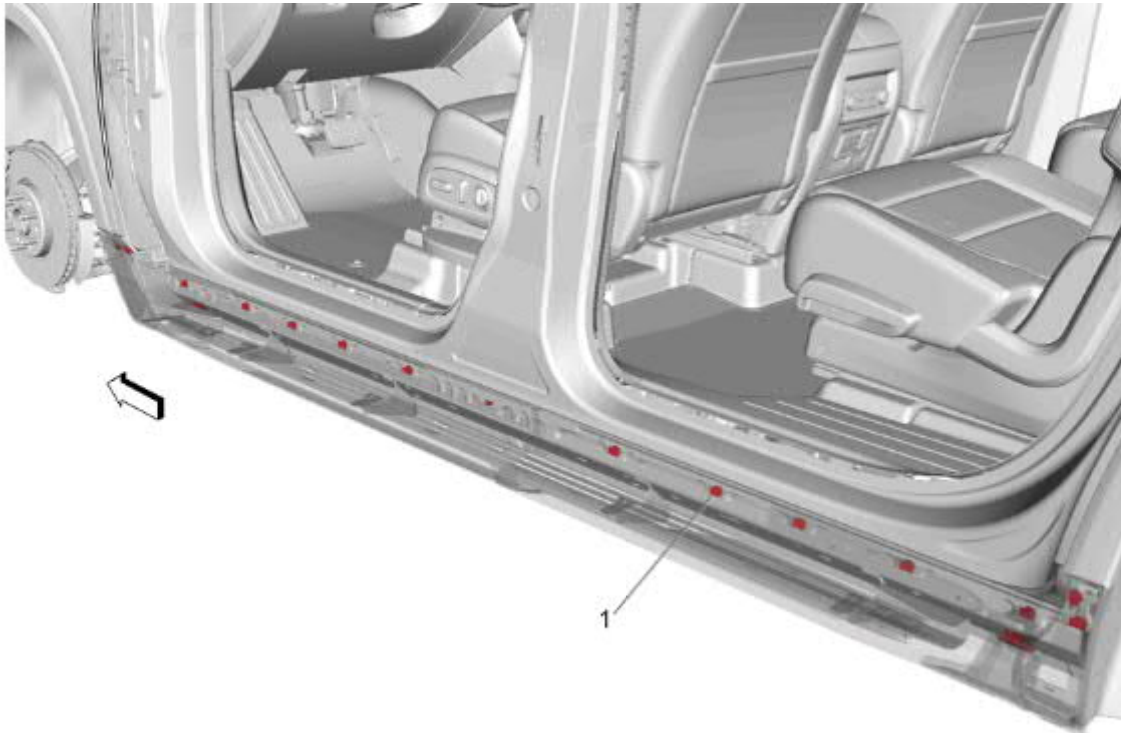
Tighten

Tighten the M8 Serrated Flange Hex Nut to 20 N m (15 lb ft).

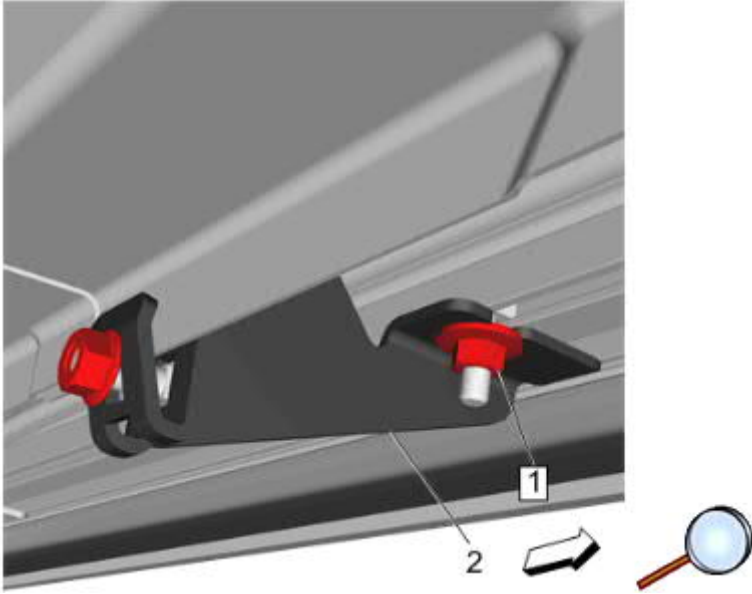


20. Install Assist Step (1) by placing support extrusion (6) on brackets (2) and sliding toward vehicle; engage bracket tabs (5) into recessed channel (4) as shown. Each M8 Square Head Bolt and M8 SEMS Washer Nut assembly (3) must be located on the slotted side of the corresponding Bracket (2) as shown.

Note: Do not tighten fasteners in this step, Assembly must be loose to allow adjustment fore/aft or assembly may be damaged.

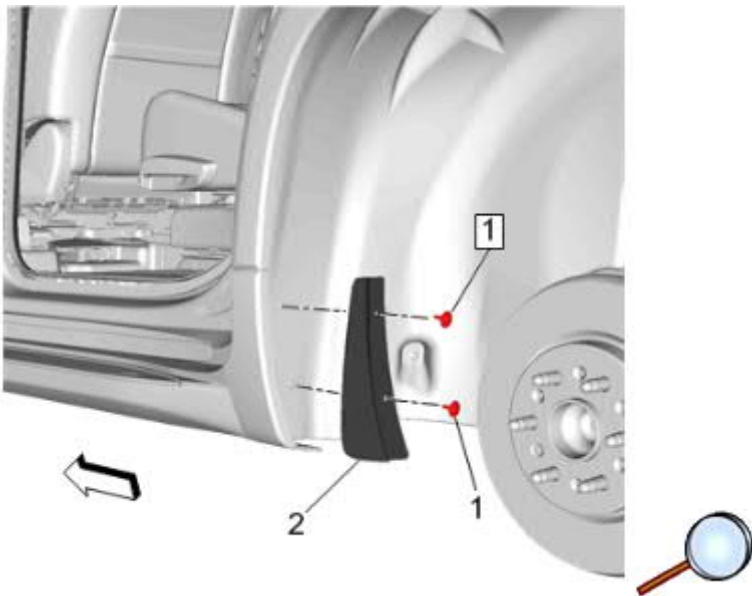


21. Push cladding at attachment points to engage all retention clips (1). Adjust Step Assist Assembly – Driver fore/aft as needed.



22. Slide M8 Square Head Bolt and M8 SEMS Washer Nut assembly (1) into slot on bracket (2) and tighten to 20 N m (15 lb ft) (QTY: 4).

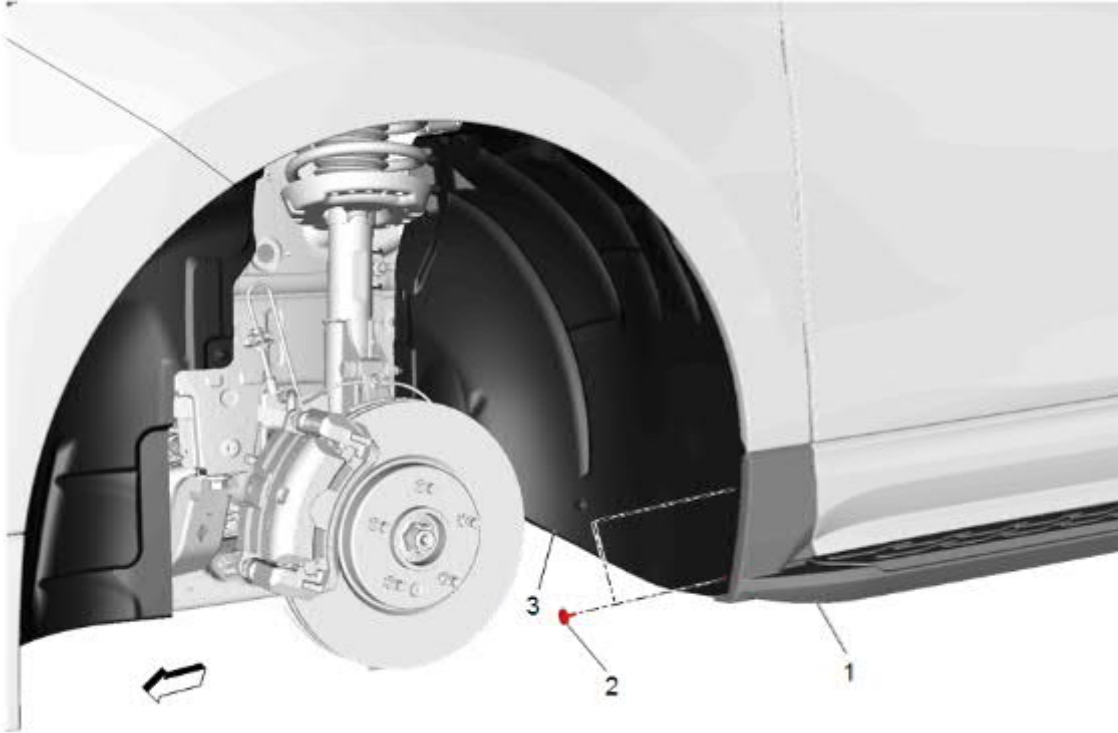
Note: If bottom edge of cladding prevents access to fasteners, pull cladding aside only enough to access fasteners and use caution not to permanently deform bottom edge of cladding.



23. If Rear Deflector was removed during Step 5, install Rear Deflector (2) using Torx Screws (1) at rear of the Assist Step Assembly. If Rear Deflector was not removed, install Torx Screws (1) at rear of the Assist Step Assembly.

Tighten

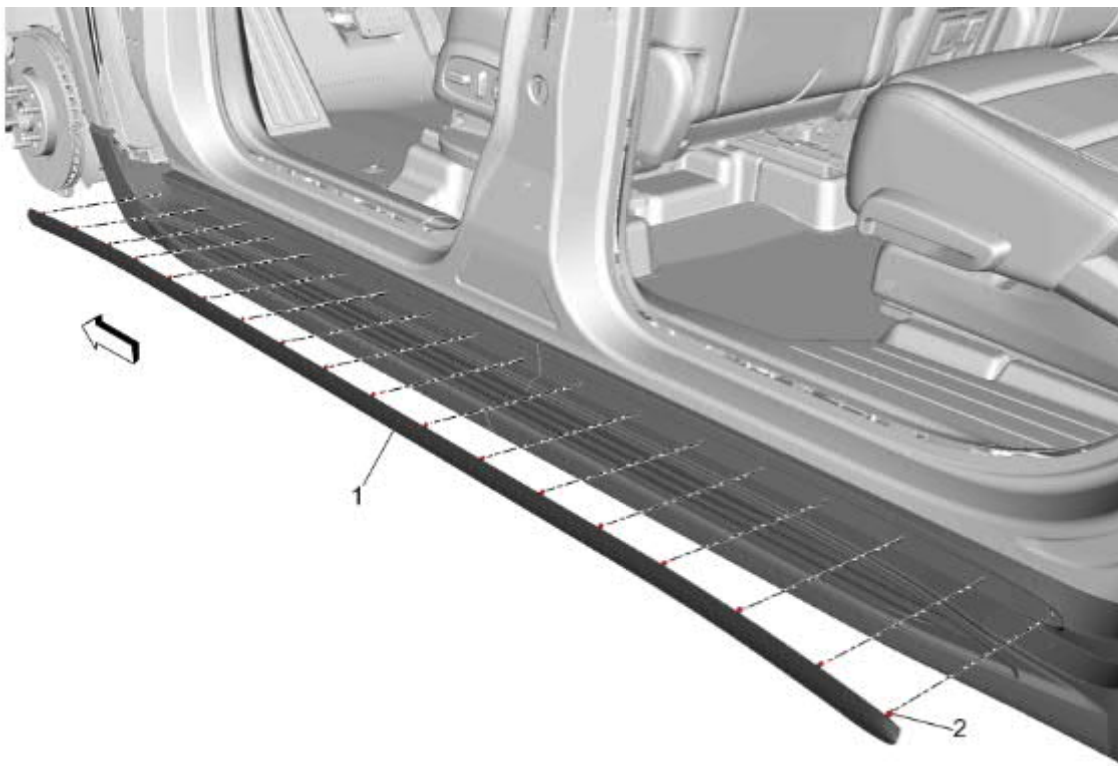
Tighten the screws to 2.5 N m (22 lb in).



24. Reposition the front wheelhouse liner to the assist step and install the screws (1).

Tighten

Tighten the screws to 2.5 N m (22 lb in).



25. Install the door seal (1) to the assist step engaging the retainers (2).

26. Repeat steps 1 – 25 for RH Assist Step – Passenger.

Note: Y Bracket will be installed at rear of Step Assist Assembly – Passenger, and Z Bracket will be installed at front of Step Assist Assembly – Passenger.

27. Install the front and rear wheel and tire assemblies. Refer to Vehicle Service Manual.

28. Lower the vehicle.