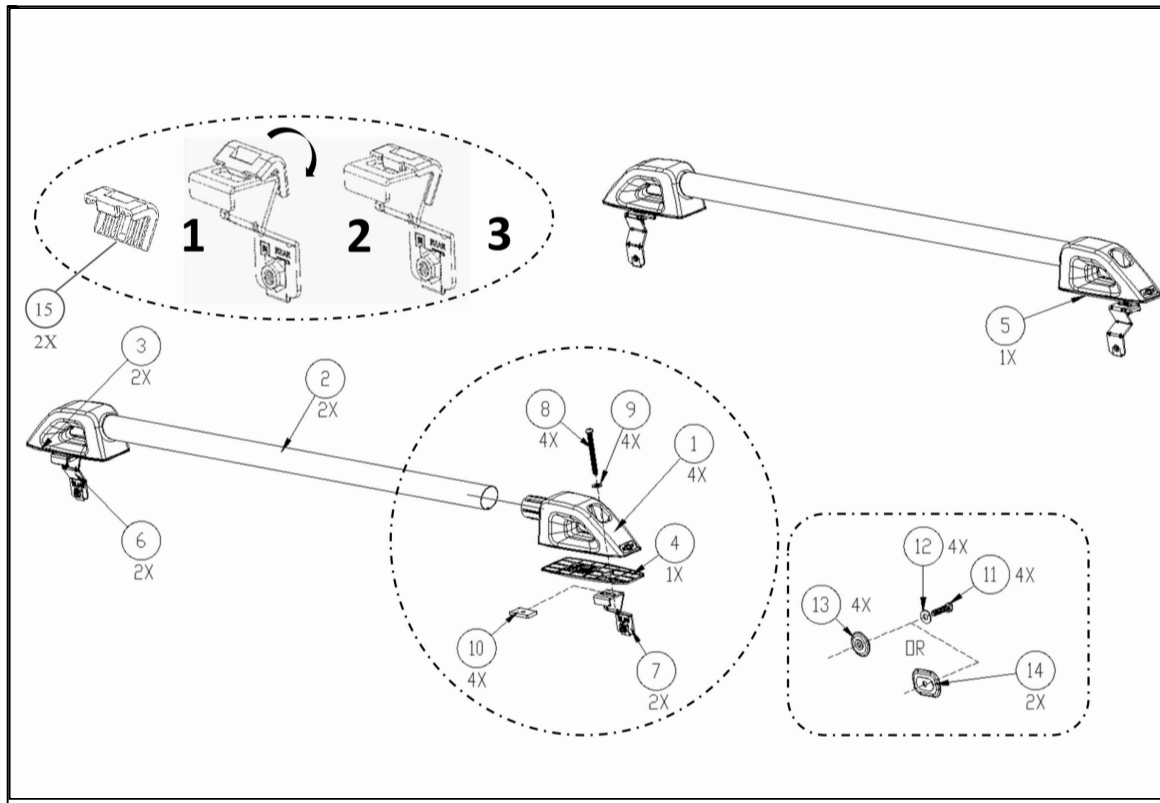


# Pickup Box Handrail Package Installation

## Installation Instructions Part Number

84880499



Thank you for purchasing the General Motors Bed Rail Kit. Your package should contain the following items in kit contents table. Tube Lengths vary depending on Make/Model, some components are specific by application.

### Kit Contents

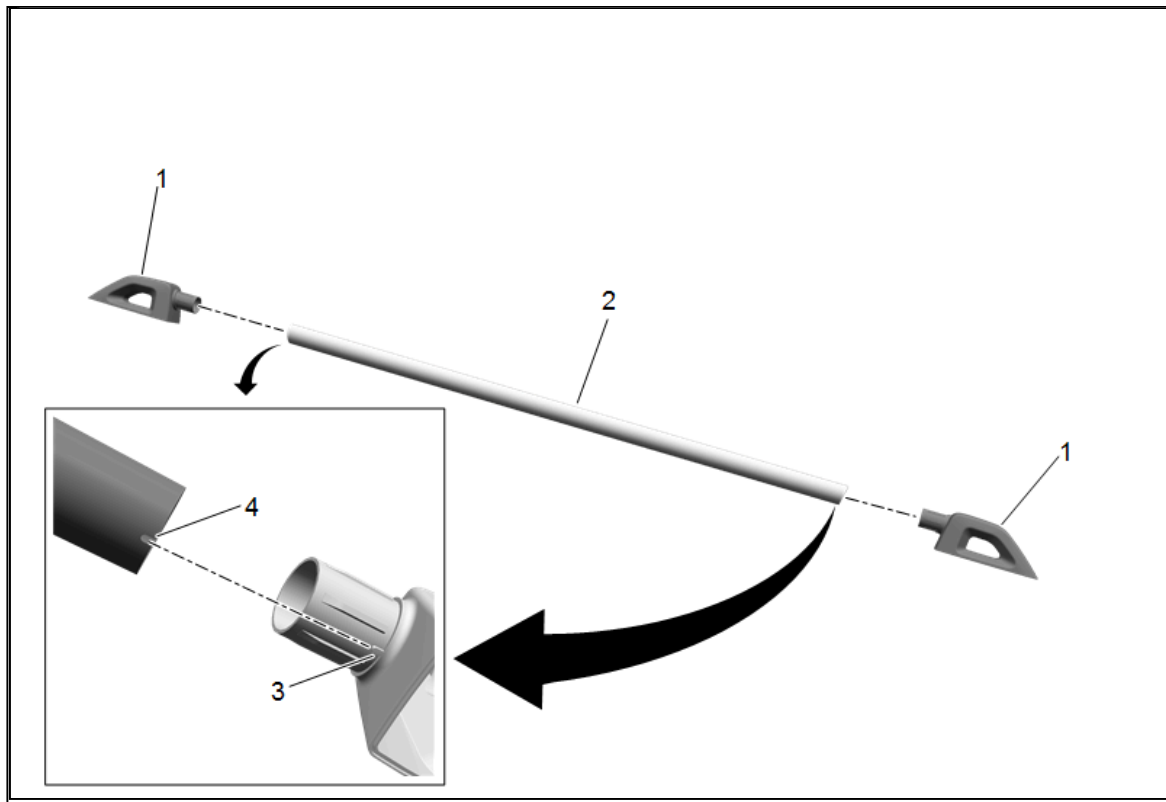
Item Number	Description	Qty
1	Bed Rail Endcap	4
2	Tube	2
3	Gasket Front	2
4	Gasket Driver Rear	1
5	Gasket Pass Rear	1
6	Bracket Front	2

Item Number	Description	Qty
7	Bracket Rear	2
8	5/16"-18 X 3 1/4" Bolt	4
9	5/16" washer	4
10	Threaded Nut Plate	4
11	3/8-16 x 1 1/2" Bolt	4
12	3/8" Washer	4
13	Round Nylon Washer	4
14	Oval Nylon Washer	2
15	Rear Bracket Spacer – <b>Required Only For Full Size Silverado / Sierra. Not used on Midsize Colorado/ Canyon</b>	2
—	Installation Instructions	1

### Tools Required

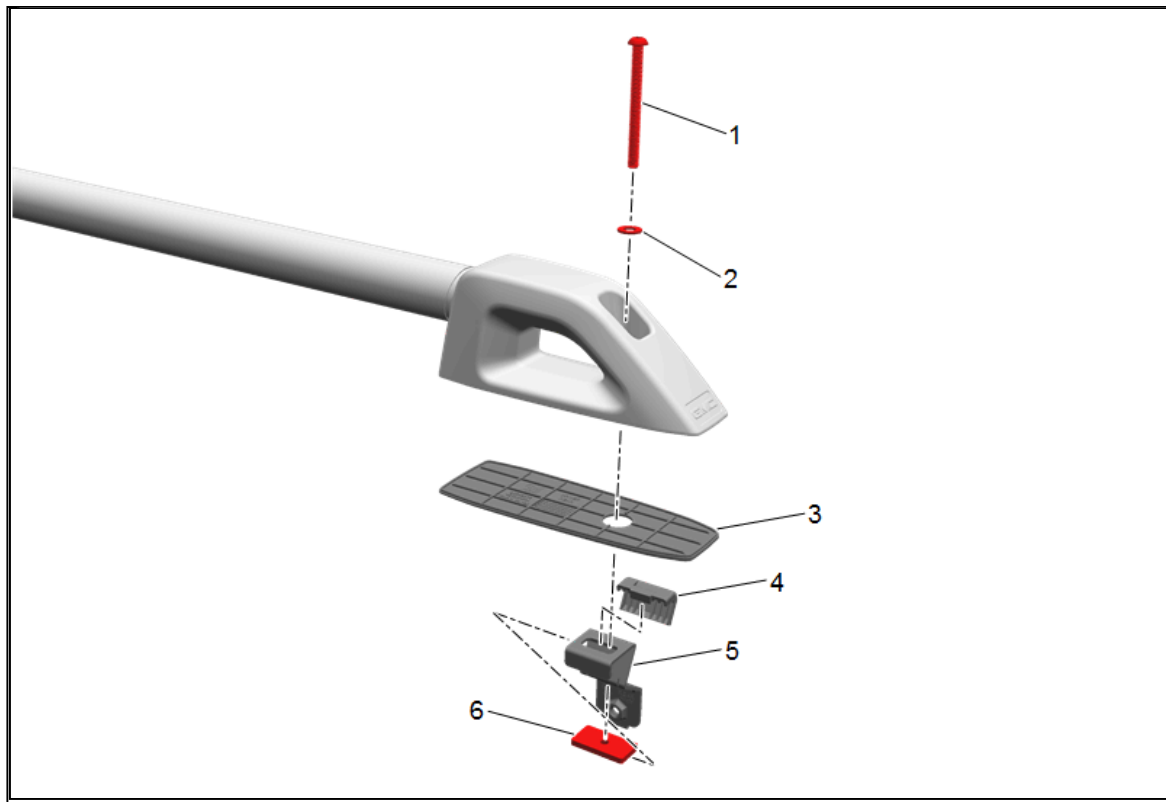
- Ratchet Wrench
- Torque Wrench
- 9/16" Socket
- 3/16" Hex Socket
- Safety Glasses
- Bladed Cutting Tool

### Procedure



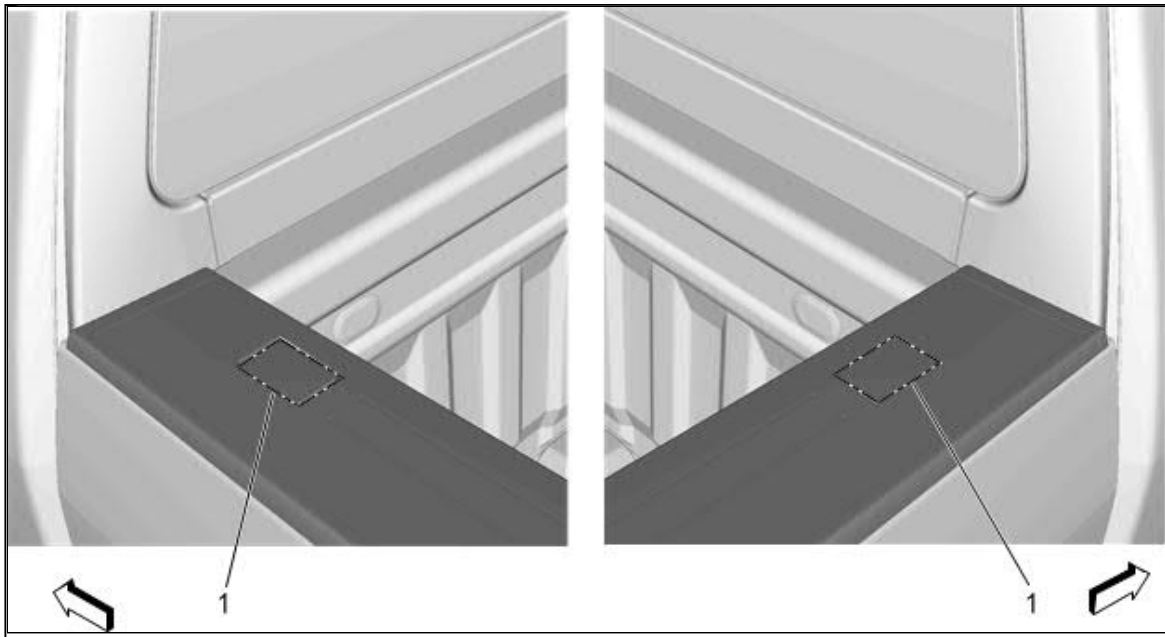
**Caution:** DO NOT force the tube onto the endcap or damage can occur.

1. Press an endcap (1) into each end of the 2 tubes (2). Align the slot (4) in the tube with the index (3) on the bottom of the endcap.

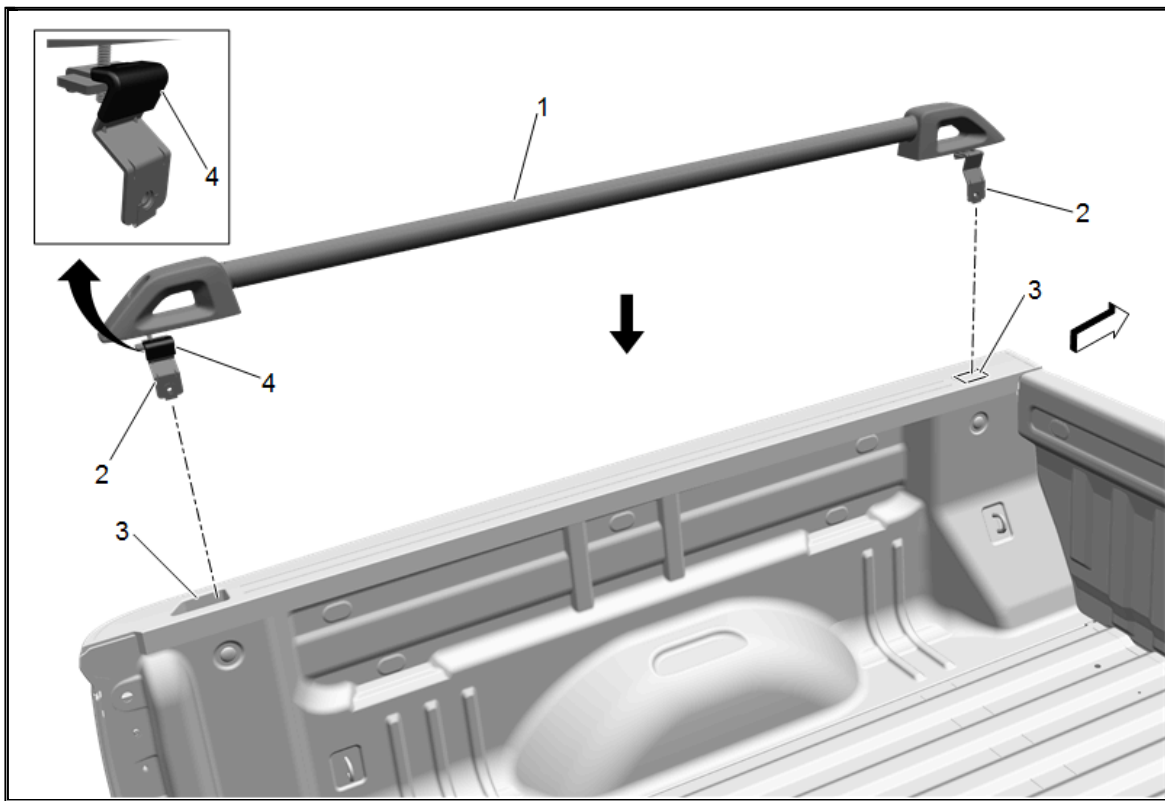


**Caution:** Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Fasteners requiring replacement or fasteners requiring the use of thread locking compound or sealant are identified in the service procedure. Do not use paints, lubricants, 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.

2. On a flat surface, loosely assemble the hardware and gaskets onto the endcaps by matching the labels according to the location on the vehicle. Brackets and gaskets are specific per location.
  - 5/16-18 X 3 1/4" bolt (1)
  - 5/16" washer (2)
  - Gasket (3)
  - Rear Bracket Spacer (4), if necessary. Refer to kit contents table item 15 for application.
  - Bracket (5)
  - Threaded nut plate (6)



3. Using a suitable cutting tool carefully cut the bed rail moldings along the visible outline rectangular grooves (1) to expose front stake pockets.

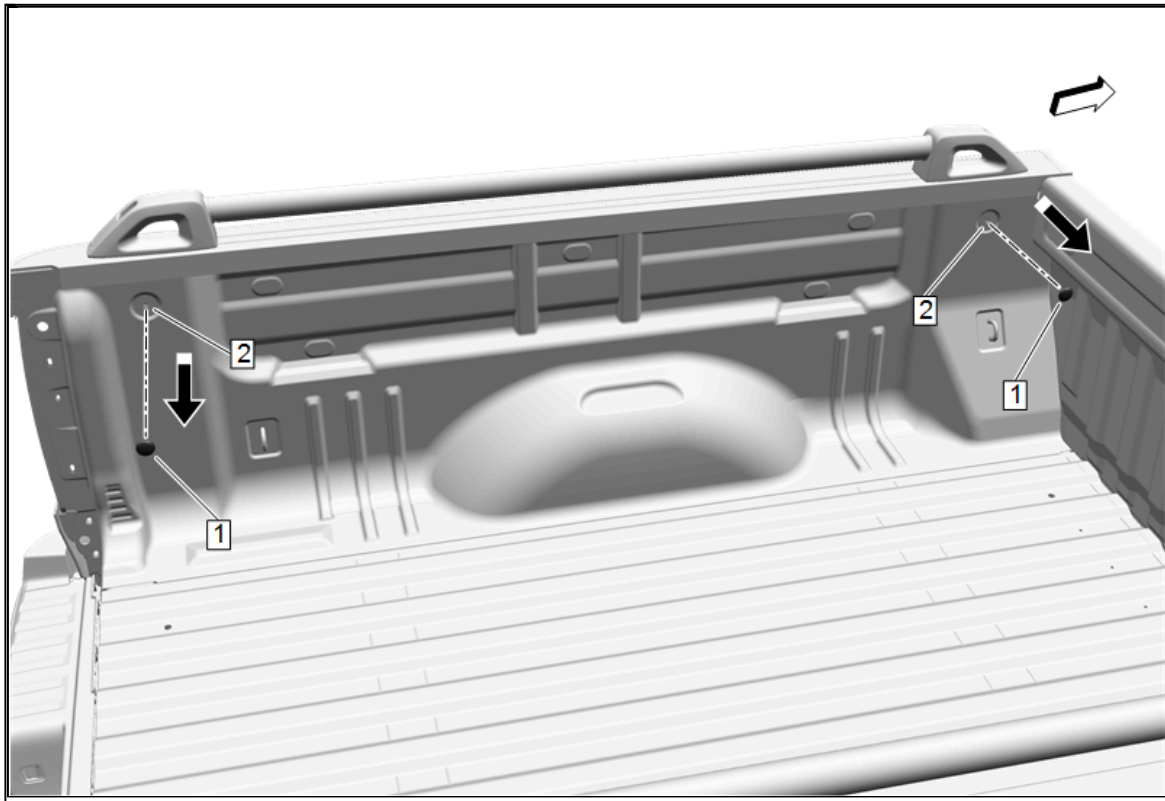


4. Place the bedrail assemblies (1) onto the bedsides by inserting the brackets (2) into the stake pocket openings (3).

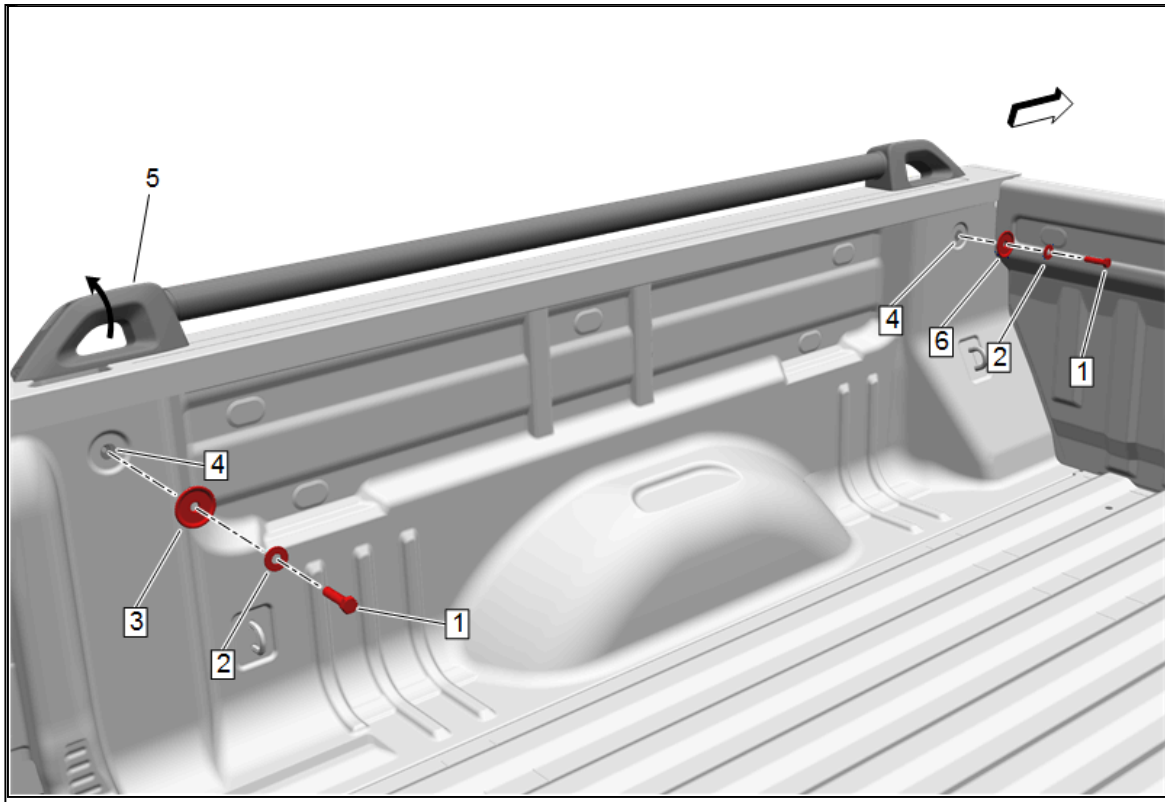
- 4.1. Make sure the gaskets and brackets correspond with the correct side and orientation of the bedside.

4.2. Some applications require a bracket spacer (4) for the two rear brackets, refer to kit contents table item 15. Install if required (oval section outline) using graphic above kit contents table as reference.

4.3. At this point the bolt and threaded plate should be started by hand only.

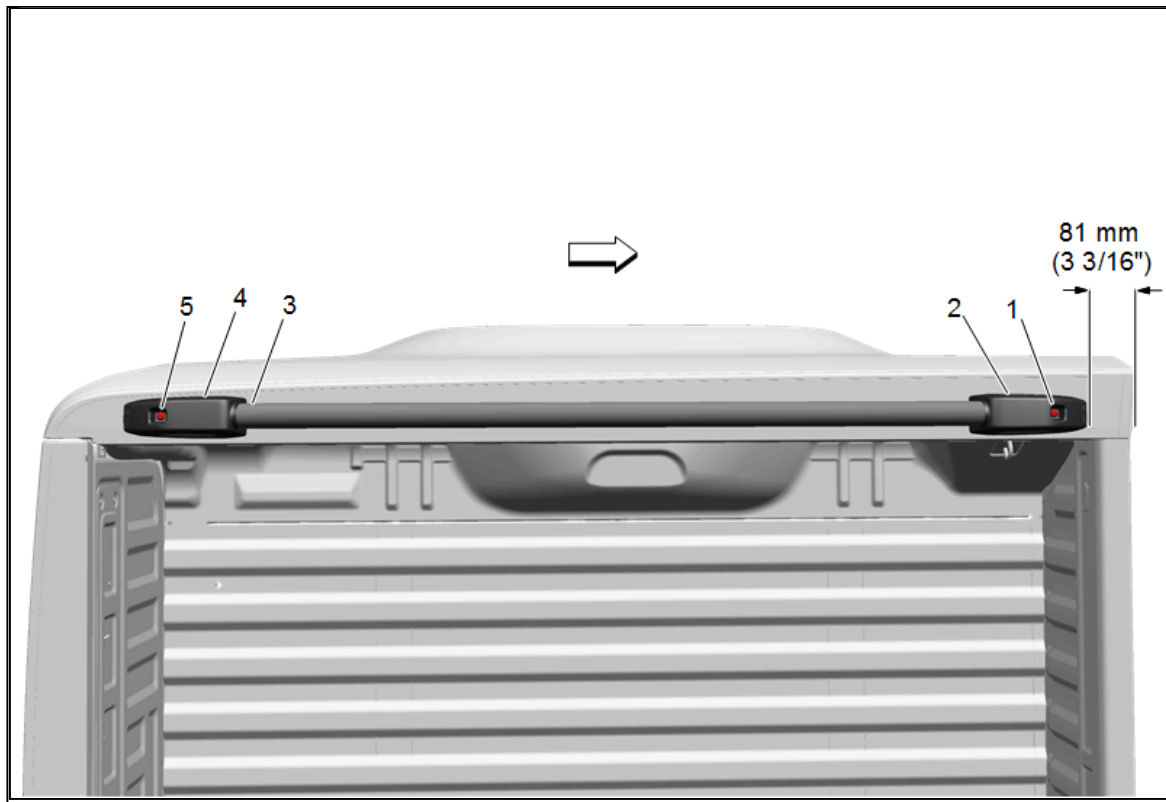


5. Remove the hole plugs (1) from the inner bedside panel.



6. Lift one endcap (5) at a time and tilt outwards until the bracket aligns with the inner bolt location (4).
  - 6.1. Install 3/8" washer (2) to the 3/8-16 x 1 1/2" bolt (1).
  - 6.2. Install round nylon washer (3) to the rear stake pocket inner bolt location (4) and install the 3/8-16 x 1 1/2" bolt (1) with 3/8" washer (2).
  - 6.3. Install round nylon washer or oval washer (6) pending on application to the front stake pocket inner bolt location (4) and install the 3/8-16 x 1 1/2" bolt (1) with 3/8" washer (2).
 

**Note:** If your application requires oval washers for the front stake pocket inner bolt location there will be two extra round washers or vice versa pending on application.
  - 6.4. Pull up on endcaps while tightening the 3/8-16 x 1 1/2" bolts (1) to prevent bracket rotation in the pocket. Tighten the 3/8-16 x 1 1/2" bolts (1) to 20 N.m (15 lb ft).



7. Starting with the front endcap (2) tighten the casting onto the bedcap.
  - 7.1. Lift up on endcap (2) while tightening the 5/16" bolt (1) until the endcap is resting on the bedcap.
  - 7.2. Shift the casting so that the end of front endcap is 81 mm (3 3/16") from front edge of pickup box.
  - 7.3. Check that the lip of the gasket is seated in the groove of endcap all around.
  - 7.4. Tighten the 5/16" bolt (1) to first value of 4 N.m (2.5 lb ft).
8. Tighten the rear endcap (4) onto the bedcap.
  - 8.1. Lift up on endcap (4) while tightening the 5/16" bolt (5) until the endcap is resting on the bedcap.
  - 8.2. Put enough pressure on the rear endcap (4) to remove any gaps between endcaps and the tube (3).
  - 8.3. Align with the groove on bedcap and tighten the rear 5/16" bolt (5) to 7 N.m (5 lb ft).
9. Tighten the front end cap 5/16" bolt (1) to final value of 7 N.m (5 lb ft).
10. Repeat procedure for opposite side.