# Rough Country 49415600 Installation Instructions

Hard Tri-Fold Flip Up Bed Cover for Toyota Tacoma (2005-2015)

Part number: 49415600

trailfortress.com/rough-country-hard-tri-fold-flip-up-bed-cover-49415600

Scan for fitment, price and install help

# Hard Tri-Fold Flip Up Bed Cover

## for Trucks w/Factory In Bed Utility Rail System

**Thank you for choosing Rough Country for all your vehicle needs.**

Please read instructions before beginning installation on the Rough Country Bed cover. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

**KIT CONTENTS:**
**Hard Tri Fold Bed Cover x1**
**Driver Side Rail x1**
**Passengers Side Rail x1**
**Foam Stripping x1**
**Drain Tubes x2**

**Hardware Included:**
**Rail Clamps x6**
**8mm x 40mm Clamp Bolts x6**
**8mm x 25mm Clamp Bolts x6**
**Threaded Utility Track Inserts x 6**

**Utility Rail Relocation Brackets x8**
**(For use with 22-Up Tundra & 05-15 Tacoma)**
**6mm Pan head Bolts x8**
**6mm Button Head Bolts x8**

**TOOLS NEEDED:**
**Allen Wrench (Supplied)**
**Latch Allen Wrench (Supplied)**




**Rail mounting clamps shown on the next page for individual applications.**

**Torque Specs:**

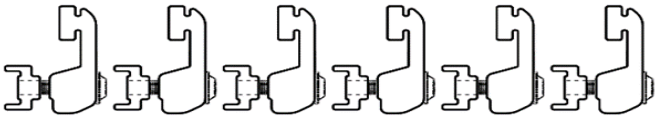
| Size | Grade 5 | Grade 8 | Size | Class 8.8 | Class 10.9 |
|---|---|---|---|---|---|
| 5/16” | 15 ft/lbs | 20ft/lbs | 6MM | 5ft/lbs | 9ft/lbs |
| 3/8” | 30 ft/lbs | 35ft/lbs | 8MM | 18ft/lbs | 23ft/lbs |
| 7/16” | 45 ft/lbs | 60ft/lbs | 10MM | 32ft/lbs | 45ft/lbs |
| 1/2” | 65 ft/lbs | 90ft/lbs | 12MM | 55ft/lbs | 75ft/lbs |
| 9/16” | 95 ft/lbs | 130ft/lbs | 14MM | 85ft/lbs | 120ft/lbs |
| 5/8” | 135ft/lbs | 175ft/lbs | 16MM | 130ft/lbs | 165ft/lbs |
| 3/4” | 185ft/lbs | 280ft/lbs | 18MM | 170ft/lbs | 240ft/lbs |

trailfortress.com/rough-country-hard-tri-fold-flip-up-bed-cover-49415600

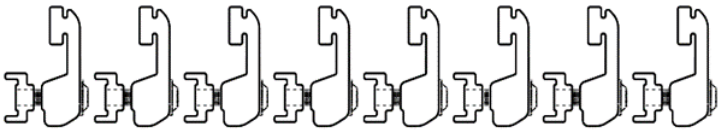
**For use for Vehicles with factory Utility Rail**

**Application shown per utility rail mount**

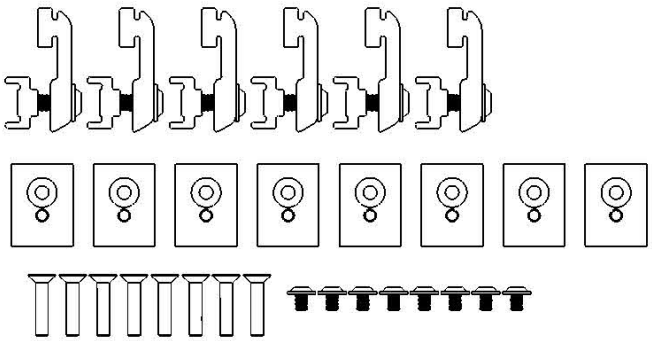
14-21 Tundra 5'7" Bed / 20-UP Jeep Gladiator



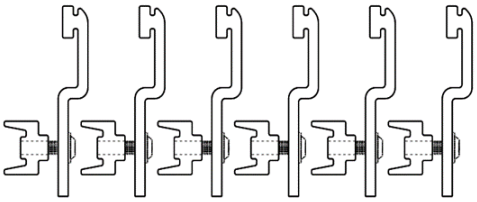
14-21 Tundra 6'7" Bed
22-UP Tundra 6'7" Bed & Utility rail relocation brackets x 6



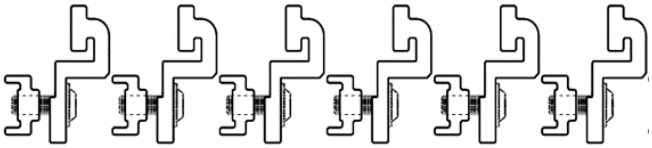
2022-UP Tundra 5'7" bed
(See Instruction sheet for utility rail relocation bracket installation)



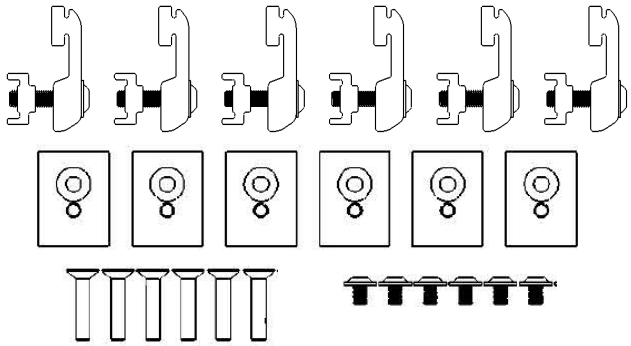
05-21 Nissan Frontier 5' / 22-23 Nissan Frontier 5'



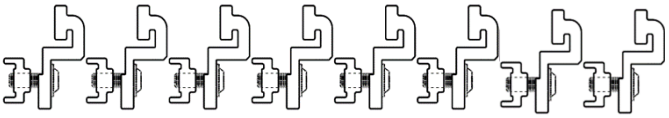
16-Up Toyota Tacoma 5'



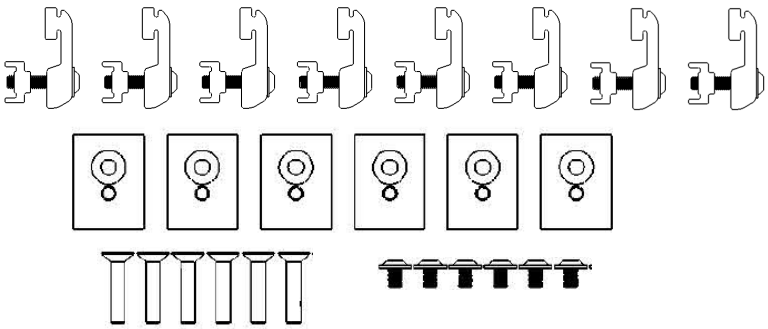
05-15 Toyota Tacoma 5'



16-Up Toyota Tacoma 6'



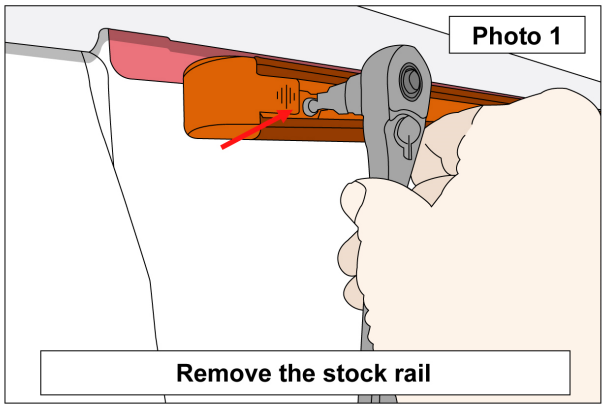
05-15 Toyota Tacoma 6'

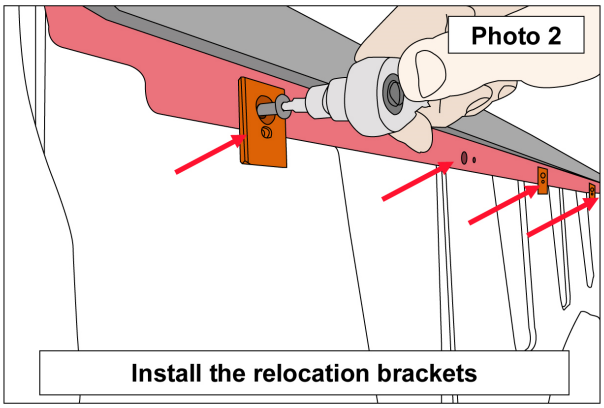


# INSTALLATION INSTRUCTIONS

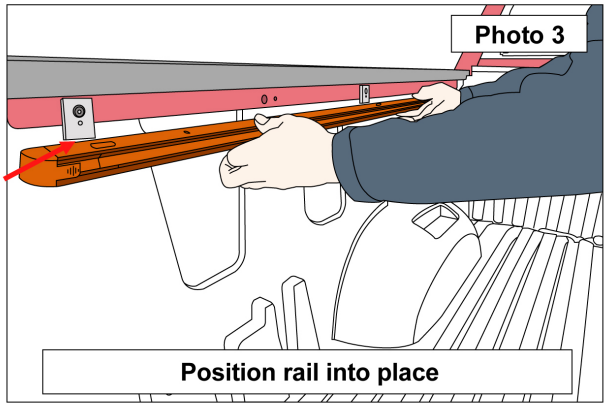
**22-UP Toyota Tundra & 05-15 Tacoma application with Factory utility rail**

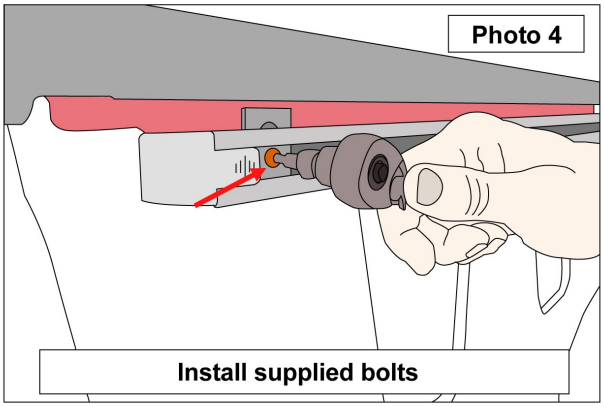
1. Remove the stock rail using a T30 bit. **See Photo 1.**
2. Place the relocation brackets on the bed and install using the supplied pan head bolts. 4 bolts evenly spaced per side. Tighten the pan head bolts using a 4mm allen wrench, taking care to keep the relocation bracket vertical. **See Photo 2.**




3. Place the stock rail on the relocation brackets. **See Photo 3.**
4. Secure the stock rail to the relocation brackets using the supplied button head bolts. **See Photo 4.** Tighten using a 4mm allen wrench.



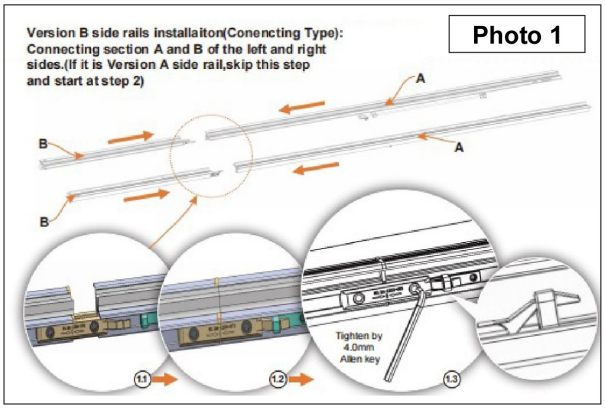



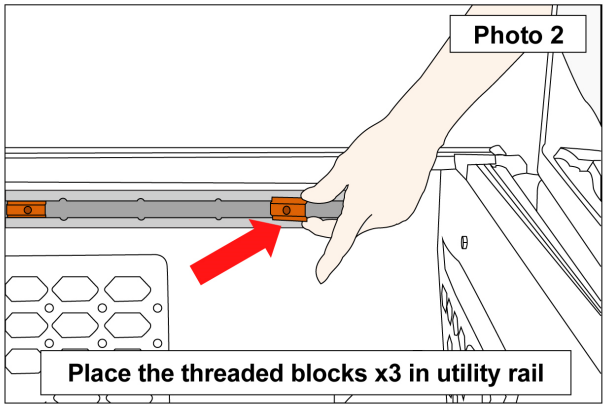

5. Proceed with **Step 4** on the next page to continue the bed cover installation.

# INSTALLATION INSTRUCTIONS

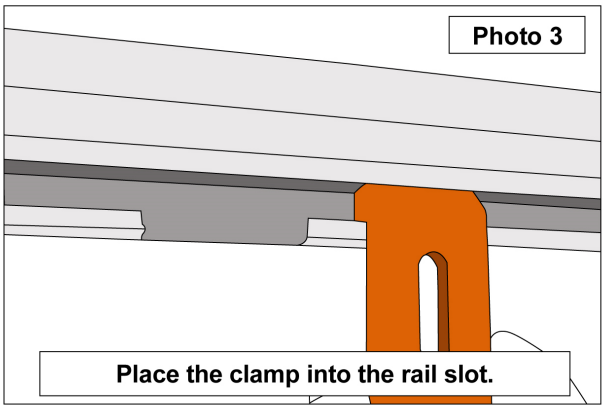
**Installation shown on Gladiator. See Instructions included for 22-UP Toyota Tundra application**

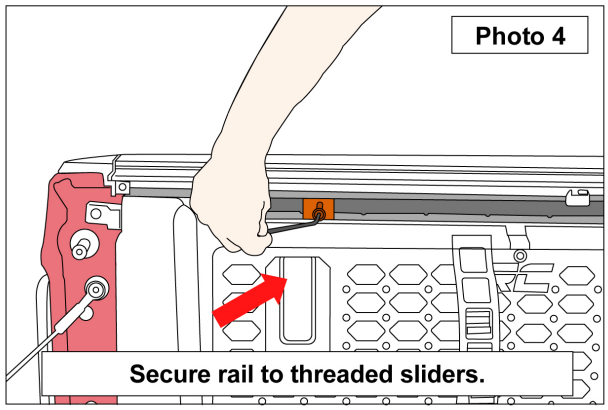
1. If the bulkhead of the bed is lower the bed rail, install the supplied foam strip on the bulkhead. Assemble the bed cover rail if needed with the supplied hardware and couplers. Tighten with supplied 4mm Allen wrench. **(Normally mid bed and long bed) Short bed rails are one piece and do not require assembly. See Photo 1.**
2. Refer to the previous page to confirm the correct rail clamps are included and place the threaded sliders in the utility track. It may be necessary to remove the end caps on the utility rails to insert the supplied threaded inserts. Also remove /relocate any stock tie down points in the utility track . **See Photo 2.**



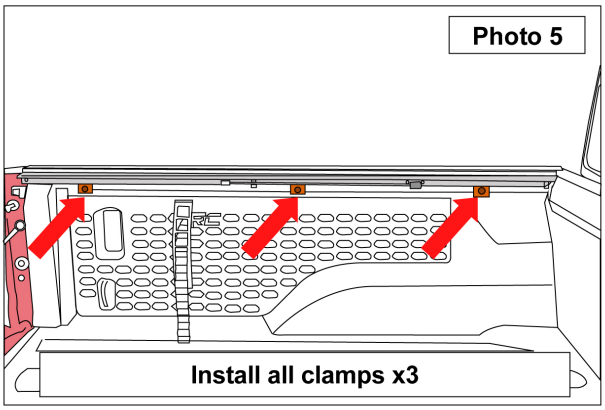



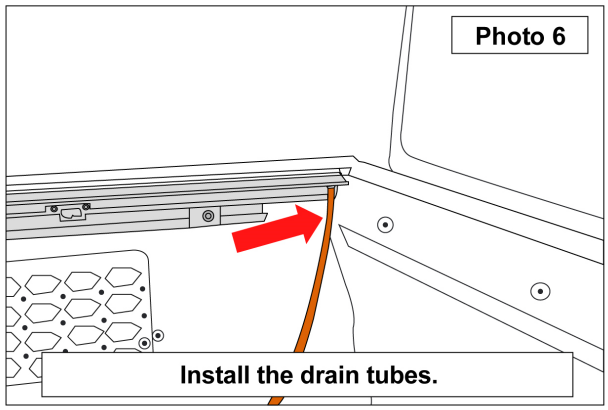

3. Using the slot as shown in the supplied bed cover rail, slide the bracket into the rail. **See Photo 3.**
4. Place the cover rail on the driver side bed rail sliding it all the way to the front bulkhead of the bed.
5. Secure the clamps to the threaded sliders in the utility rail using the supplied Allen bolts. **See Photo 4.**



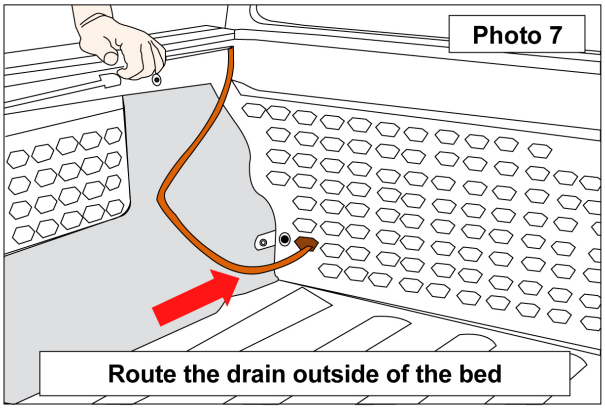



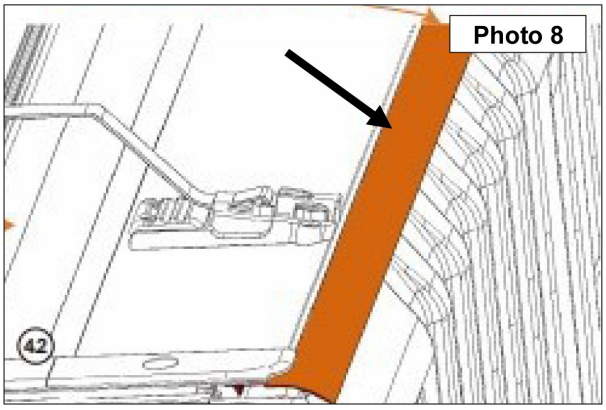

6. Secure the center and the rear mount of the aluminum track using (2) of the remaining clamps positioning the rear most clamp as close to the tailgate as possible and the middle clamp equal distance from the front and rear clamp. **See Photo 5.**
7. Install the passenger side aluminum rail and clamps as installed on the driver side.
8. Install the supplied drain tubes on both driver and passenger side rails. **See Photo 6.**



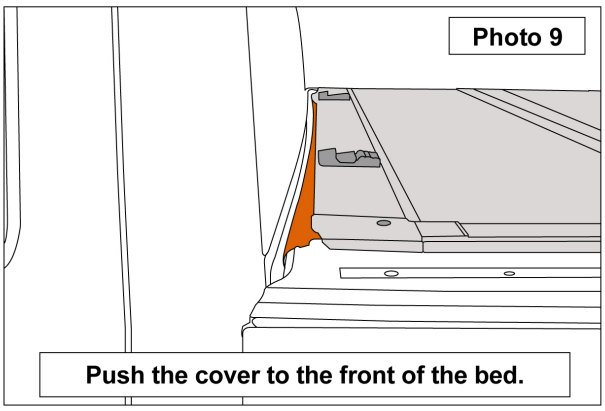



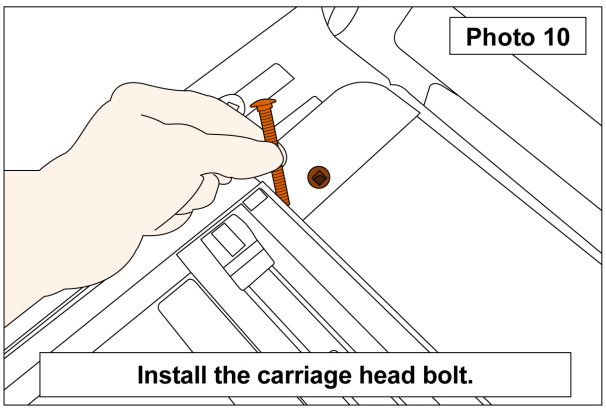
9. Route the drain tube outside of the bed utilizing any access port. It may be necessary to drill a hole if one if not present. **See Photo 7**.
10. Place the cover onto the bed making sure to flip the bulkhead seal out to seal the bed. **See Photo 8.**



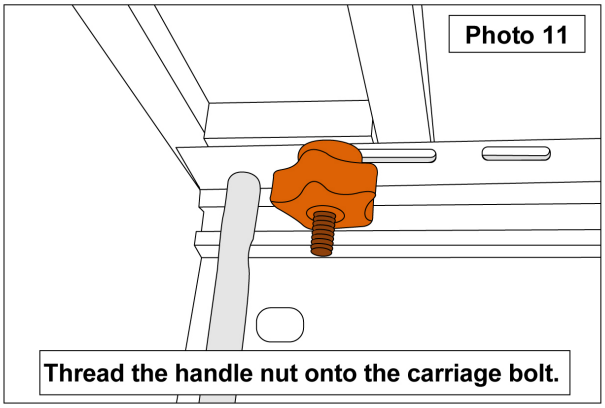



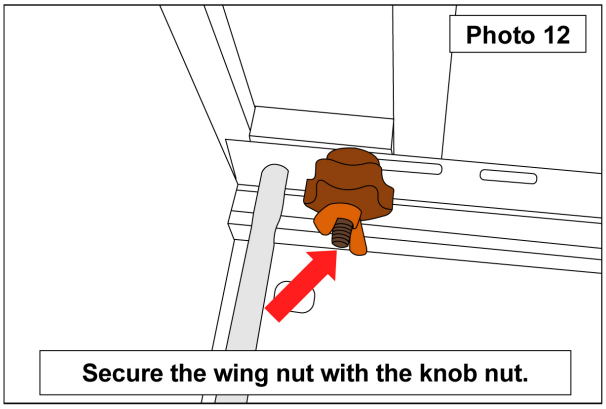

11. Ensure the cover is pushed up to the front of the bed and centered side to side in the aluminum track. Place the supplied carriage head bolt into the front hole of the cover. **See Photos 9 and 10.**



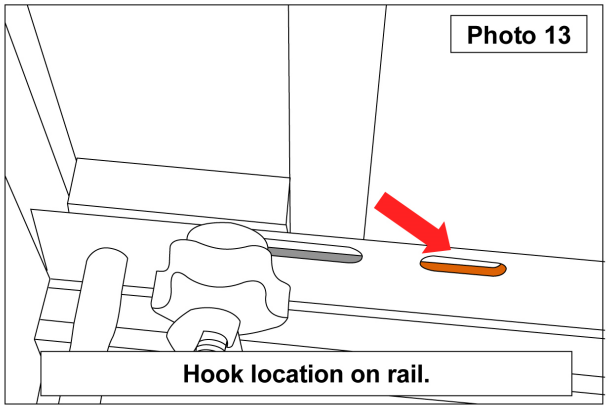



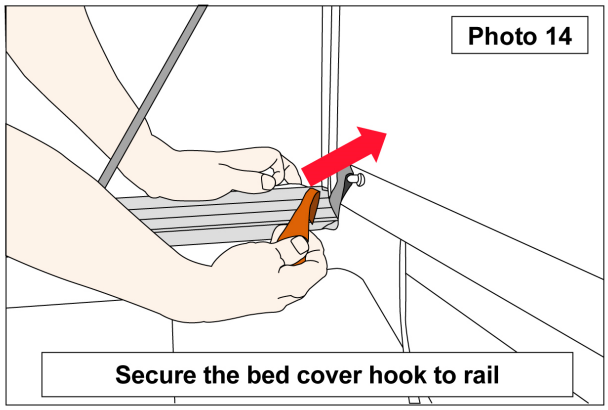

12. After ensuring the carriage bolt is fully seated, thread the supplied knob nut onto the carriage head bolt. Then thread the wing nut onto carriage head bolt and slightly tighten the knob nut to the wing nut. **See Photos 11 and 12. Note:** These nuts will not be fully tightened until the cover has been adjusted to ensure full latch engagement.



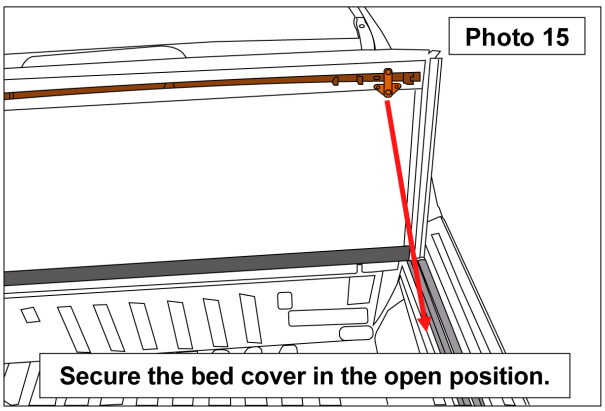



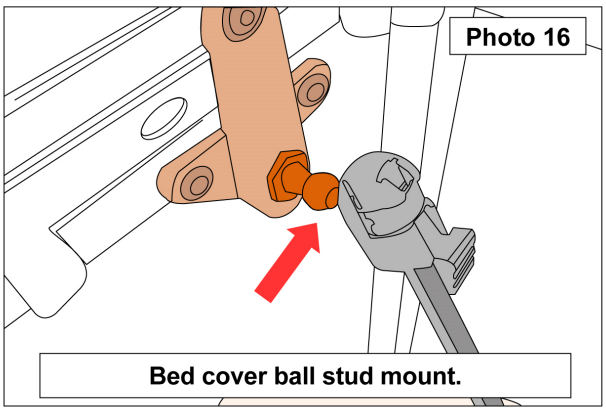
13. Hook the safety strap to the slot in the aluminum track. **See Photo 13 & 14.**



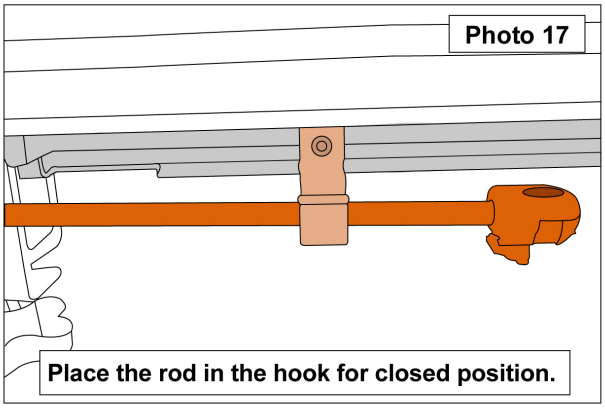



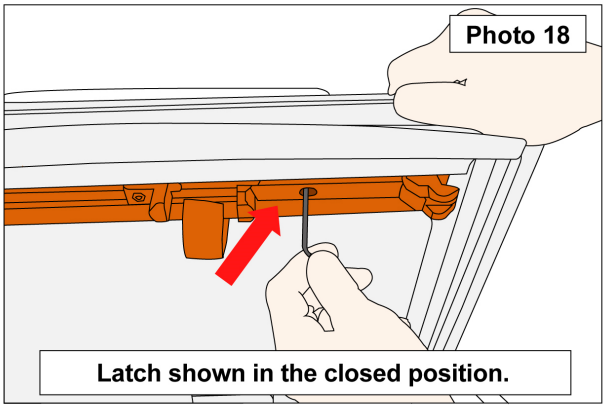

14. Open the cover to the vertical position and place the rod to the ball stud on the aluminum track and to the ball stud mount on the bottom of the bed cover. Use the push button to release from the ball stud. **See Photos 15 and 16.**




15. Release the rod from the bottom bed cover mount and use the hangers on each side to secure the rod when the bed cover is in the closed position. **See Photo 17.**
16. When the bed cover is in the closed position each latch should be firmly secure under the aluminum track. If needed adjust the cover so that the latches are engaged. The latches can also be moved inward or outward toward the rail to ensure proper engagement using the supplied allen wrench. **See Photo 18**. Adjust as necessary and tighten all components.




By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.