

# ROUGH COUNTRY

## TOYOTA 24 TACOMA HOOD ASSIST (NO DRILL)

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

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If questions 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 adequate clearance between all components. Periodically check all hardware for tightness.

### Kit Contents:

1-Hood Assist Pass Hood Bracket  
 1-Hood Assist DR Hood Bracket  
 1-Hood Assist Pass Fender Bracket  
 1-Hood Assist DR Fender Bracket  
 2-Gas Cylinder

### Tools Needed:

10mm Socket or Wrench  
 13mm Socket and Wrench  
 5mm Allen

### Hardware Included:

2-8mm-1.25 x 25mm Button Head  
 4-5/16-18 Ball Stud 5/16" Long  
 4-5/16-18 Nylock Nut  
 6-8mm Flat Washer



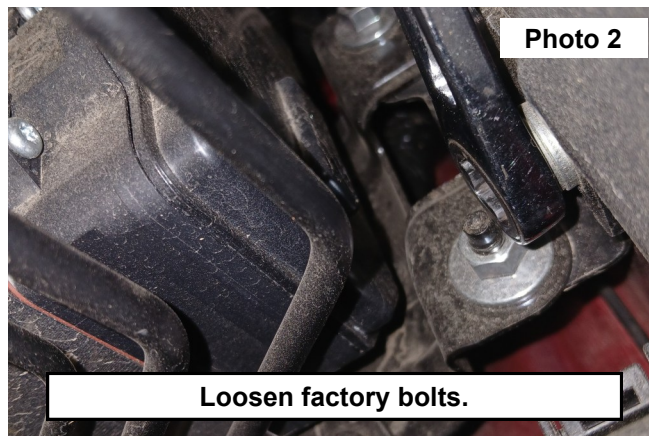
### Torque Specs:

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

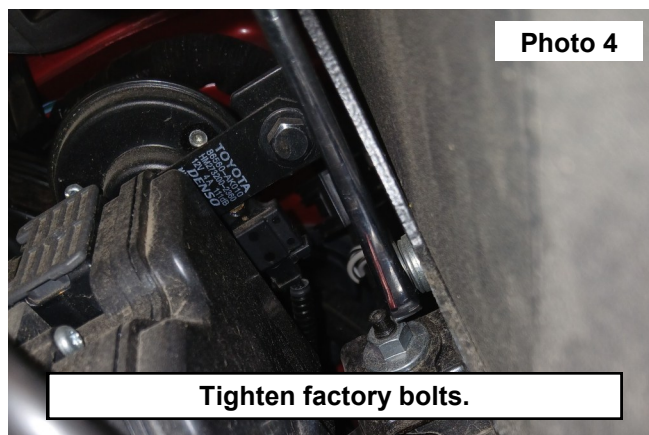


## INSTALLATION INSTRUCTIONS

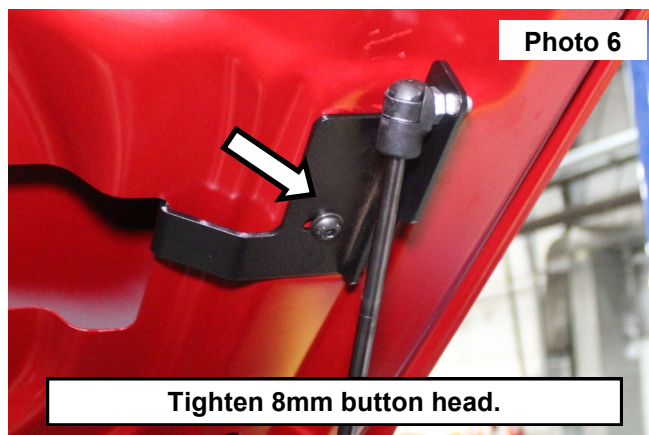
1. Using 2 13mm wrenches, assemble (1 ea.) 5/16-18 ball stud, and 5/16-18 nylock nut to each of the mounting brackets. **See Photo 1.**
2. Beginning on the DR side, loosen the (2) factory bolts behind the ABS pump. Do not fully remove. **See Photo 2.**



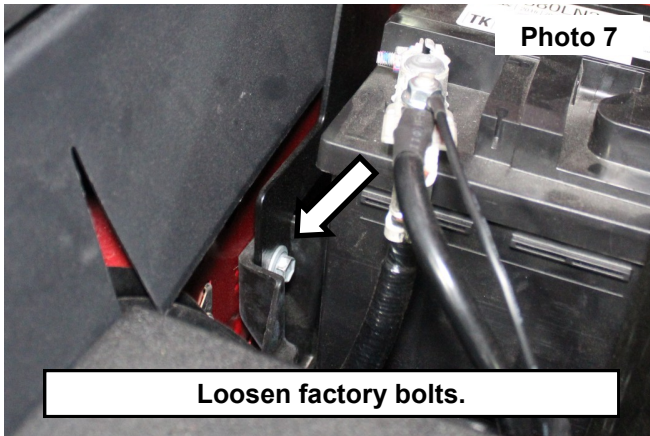
3. Install fender mount bracket by sliding over the loosened factory bolts. **See Photo 3.**
4. Using the 13mm wrench, tighten the factory bolts. **See Photo 4.**



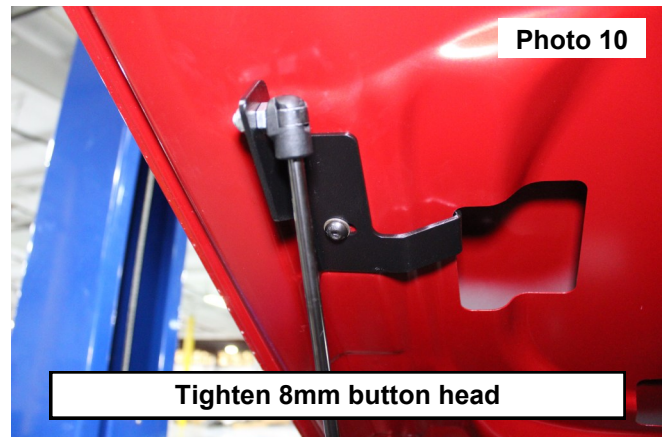
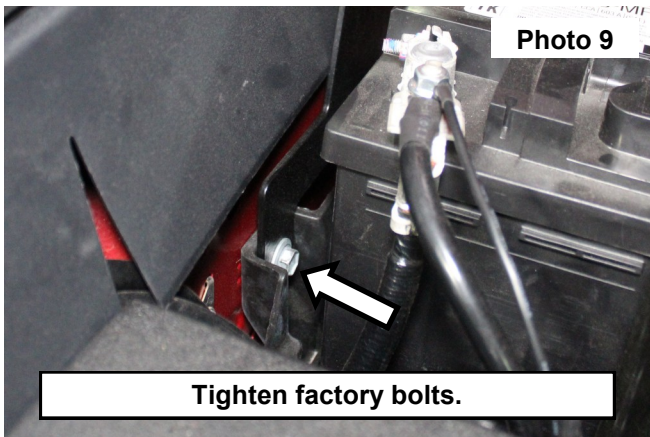
5. Slide hood mount bracket on hood, aligning with 8mm hole in hood. Attach the bracket to the hood using (1 ea.) 8mm button head and 8mm flat washer, tighten using a 5mm Allen wrench. **See Photo 6.**



- Loosen the factory bolts behind battery tray on the PASS side with a 13mm wrench. **See Photo 7.**
- Slide the PASS fender mount bracket down over the loosened bolts. **See Photo 8.**



- Using a 13mm wrench, tighten the factory bolts on the mounting bracket. **See Photo 9.**
- Install the PASS hood mount bracket using (1 ea.) 8mm button head and 8mm flat washer, tighten using a 5mm Allen wrench. **See Photo 10.**



- Install the supplied gas cylinders on to the ball studs by firmly pressing on each end of the cylinder until it snaps onto the ball stud.
- Lightly test the hood operation, hood should open and close smoothly with no binding and remain open with no support. If binding occurs, loosen hardware and retighten.

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