

# ROUGH COUNTRY

## SUSPENSION SYSTEMS®

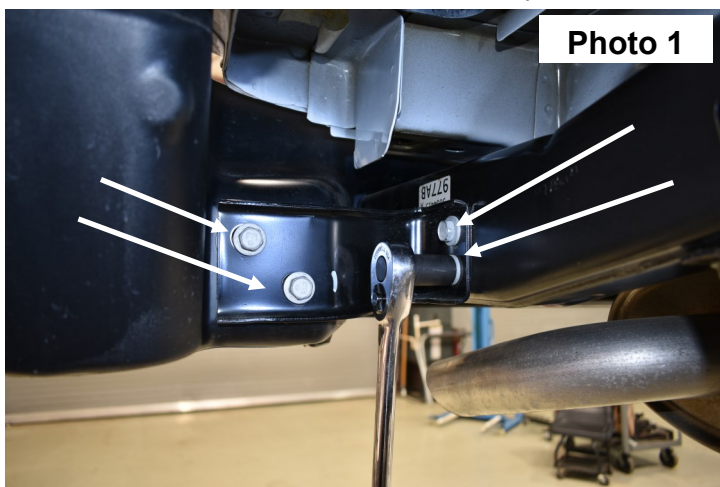
### 07-18 JEEP JK REAR BUMPER W/TIRE CARRIER

#### PRIOR TO INSTALLATION

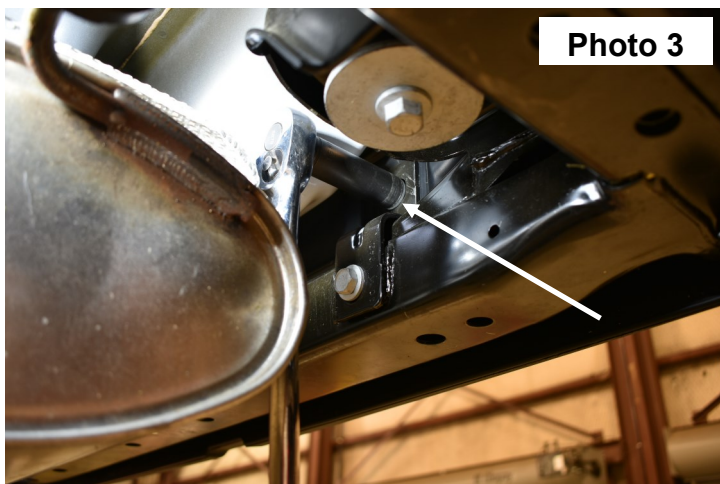
- Make sure the kit is complete and you have read and fully understand these instructions thoroughly before beginning installation.

#### INSTALLATION INSTRUCTIONS

1. Remove the brackets from the stock bumper and frame as shown using a 16mm socket. **See Photo 1 & 2.**

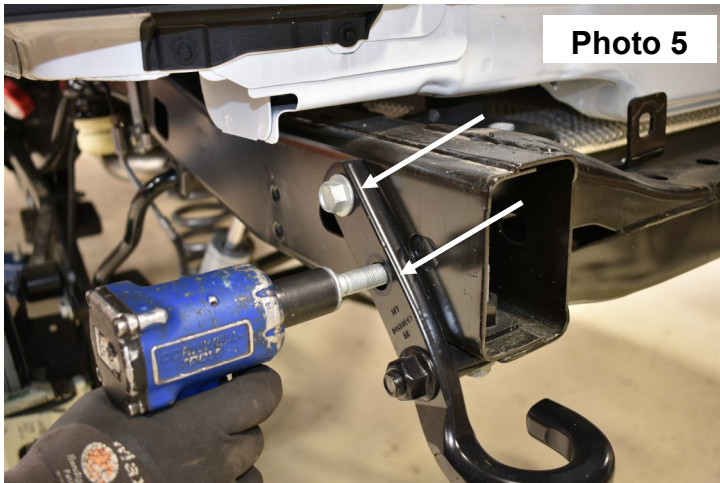


2. Remove the upper bumper bolts (1 each side) as shown in **Photo 3.**
3. Remove the stock bumper from the vehicle. **See Photo 4.**



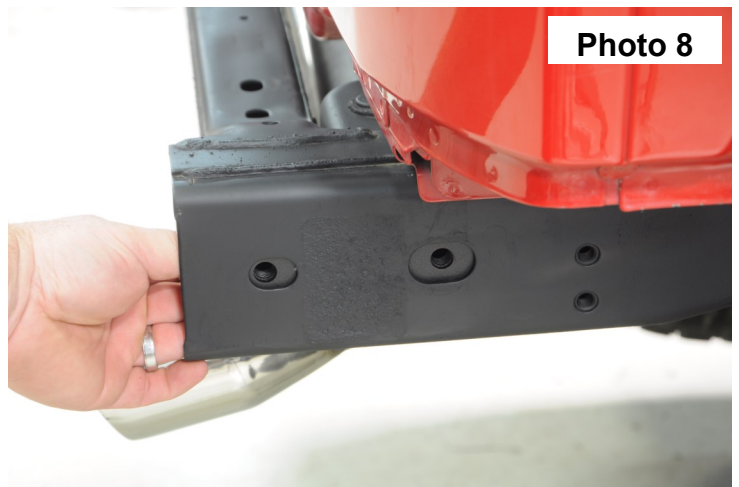


4. Using a 18mm socket, remove the stock tow hook. See Photo 5 & 6.



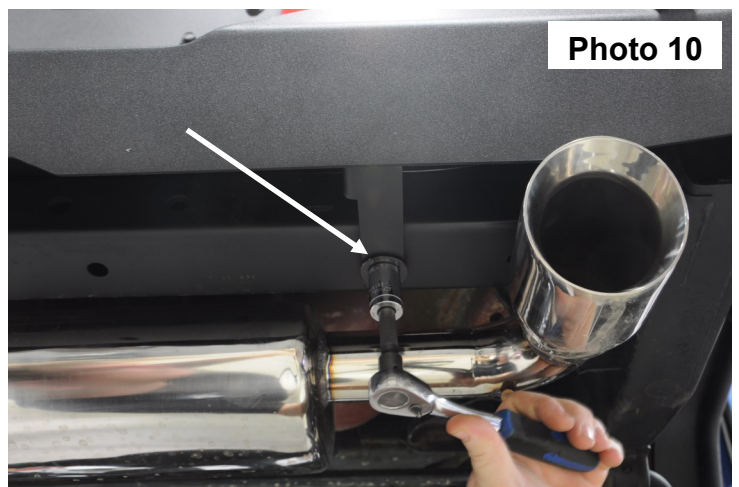
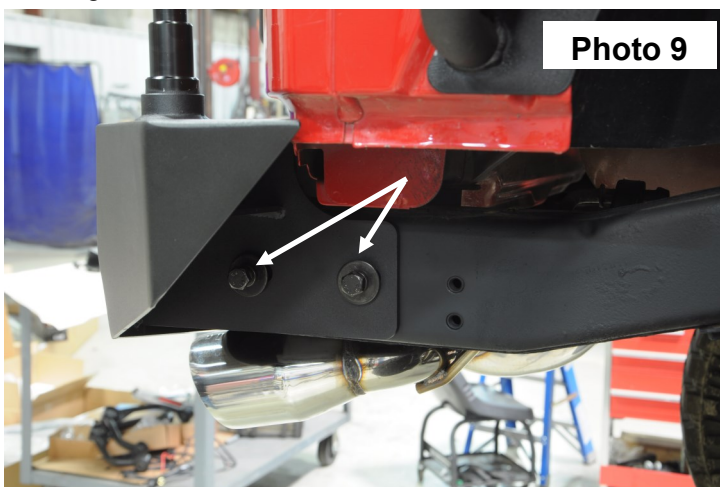
5. Remove the stock insert in the frame. See Photo 7.

6. Position the new bracket in the frame as shown in Photo 8 and align with the stock holes.



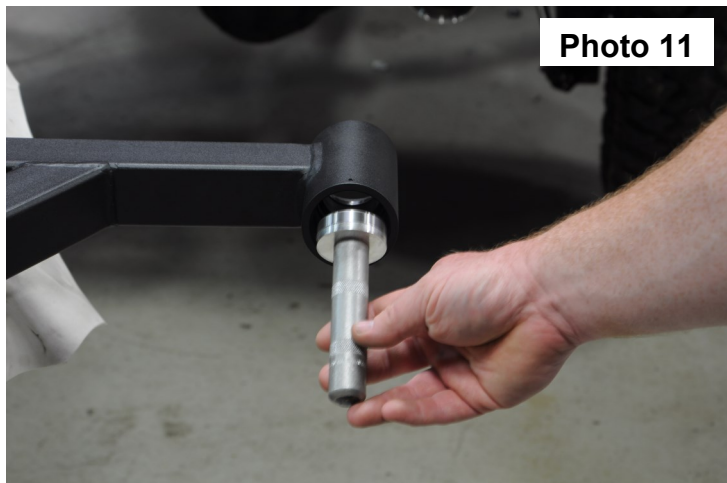
7. Position the bumper on the frame and secure with the 12mm x 40mm bolts, washers and lock washers. See Photo 9.

8. Install the supplied 12mm x 100mm bolts, flat washers, lock washers and nuts in the lower mounts. See Photo 10. Tighten using a 18mm socket and wrench.

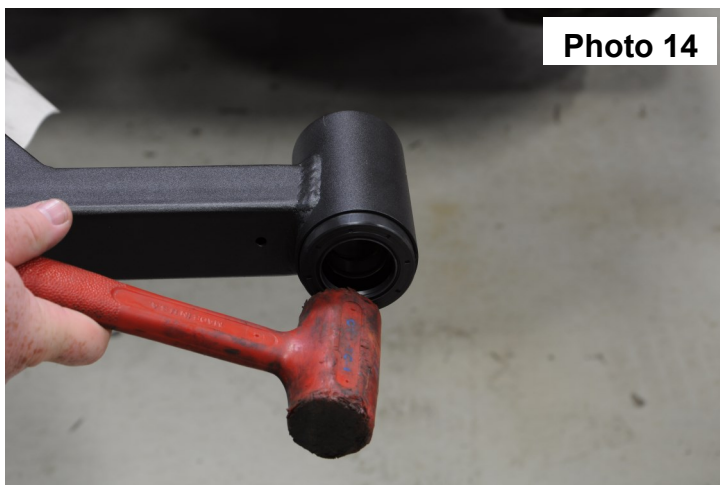




9. Install the bearing races in the carrier as shown in **Photo 11** with a bearing tool or equivalent.  
10. Grease the tire carrier lower bearing and install in the tire carrier. **See Photo 12.**



11. Install the supplied washer beside the bearing as shown. **See Photo 13.**  
12. Gently tap on the edge of the in seal to install the mount. **See Photo 14.**



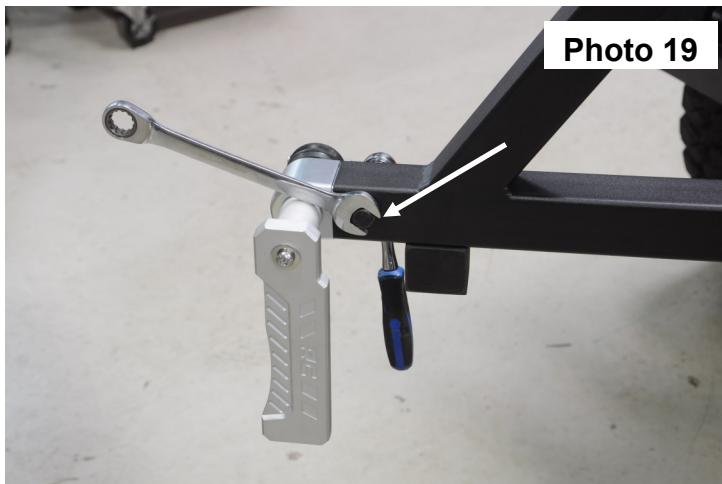
13. Lightly grease the stub shaft on the bumper and place the tire carrier on the stub shaft on the bumper. Grease and install the upper bearing. **See Photo 15.**  
14. Install supplied washer as shown. **See Photo 16.**



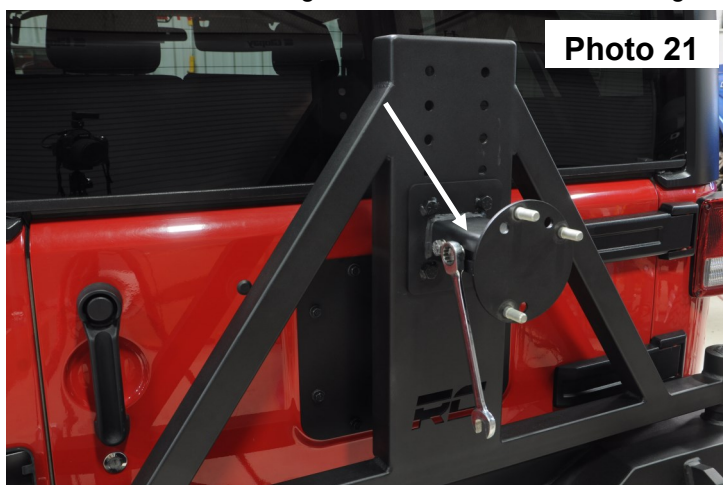
15. Install the supplied castle nut, cotter pin and set screw and install cap. Tighten castle nut with a 36mm socket. **See Photo 17 & 18.**



16. Install the handle assembly in the carrier and secure with the supplied 10mm x 65 bolt, washers and lock nut. Tighten with a 17mm wrench. **See Photo 19.**
17. Match the bolt pattern bracket up with the wheel and install the supplied wheel studs. **See Photo 20.**

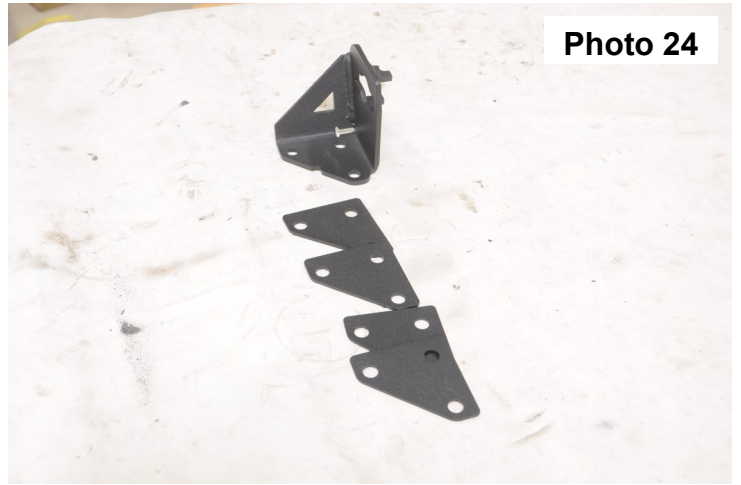


18. Install the base mount on the carrier to accommodate tire size and tighten using a 18mm socket. Install wheel mount bracket with the supplied 12mm x 35mm bolts, washers and lock nuts. Do not tighten at this time. **See Photo 21.**
19. Install the tire/wheel on the carrier and adjust the wheel mount bracket to bring in the tire/wheel firmly against the carrier. **See Photo 21 & 22.** Tighten 12mm x 35mm bolts using a 18mm wrench and socket.

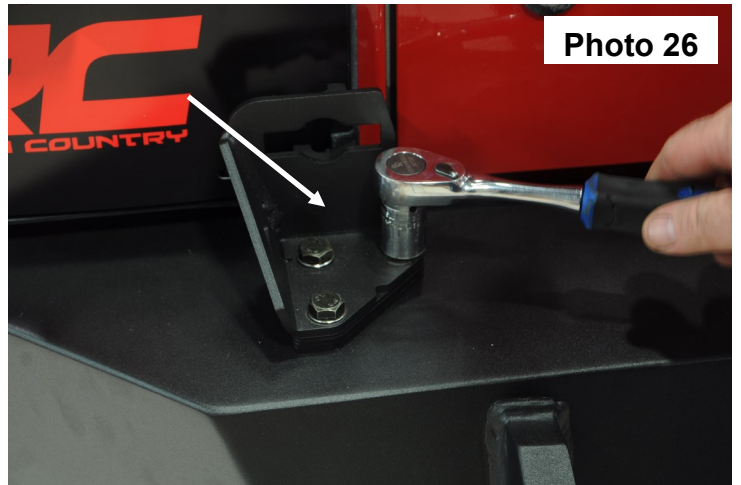




20. With the tire/wheel installed, swing the carrier to the bumper and check the spacing between the latch bracket and the carrier handle. **See Photo 23.** This kit includes several shim plates to accommodate different tire/wheel weights. **See Photo 24.**



21. Select the combination of shim thickness needed to allow the latch to operate freely and secure the bracket and shims with the supplied 10mm x 40mm Bolts, washers and lock nuts. **See Photo 25 & Photo 26.**



22. Install supplied d-rings in the d-ring mounts. **See Photo 27.**





**Kit Contents:**

Driver Frame mount Bracket  
Pass Fame Mount Bracket  
Rear Bumper

**Poly Bag Containing:**

14-12mm Lock Washers  
20-12mm Flat Washers  
6-12mm Nuts  
4-12mm x 40 Bolts  
2-12mm x 100 Bolts  
3-Wheel nuts  
8-10mm Flat Washers  
1-8mm Hex Screw  
4-10mm Lock Nuts  
1-24mm Hex Nut  
3-10mm x 40mm Bolts  
1-10mm x 65mm Bolt  
4-12mm x 35mm Bolts  
1-Cotter Pin  
3-1/2" x 20 Wheel Studs

**Tools Required:**

16mm Socket/Wrench  
18mm Socket/Wrench

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