Rough Country 10599 Installation Instructions

10599

Part number: 10599

trailfortress.com/rough-country-skid-plate-10599

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

921105990

10599BAG1

2018 Jeep JL Muffler Skid

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 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.
Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness.

⚠NOTICE **Only works with stock muffler.**

KIT CONTENTS:
2-Flag nuts
1-Muffler skid plate
1-Drivers side skid plate bracket
1-Passengers skid plate bracket

TOOLS NEEDED:
9/16 Wrench and socket
15mm Socket
Rachet

HARDWARE INCLUDED:
2-3/8-16x1 Bolt
2-3/8-16x1-1/4 Bolt
2-3/8 Lock washer
2-3/8-16 Lock nut
6-3/8 SAE Flat washer



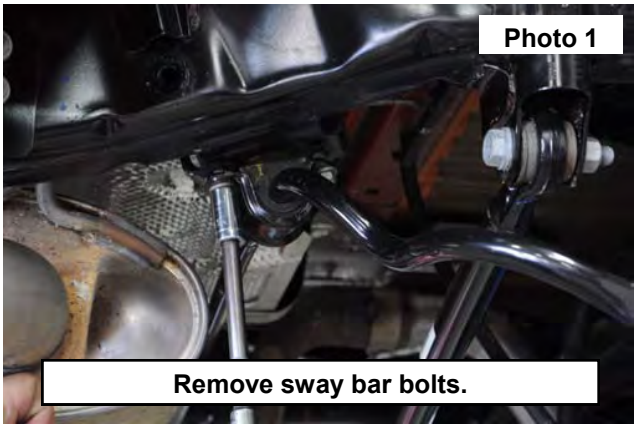
Torque Specs:

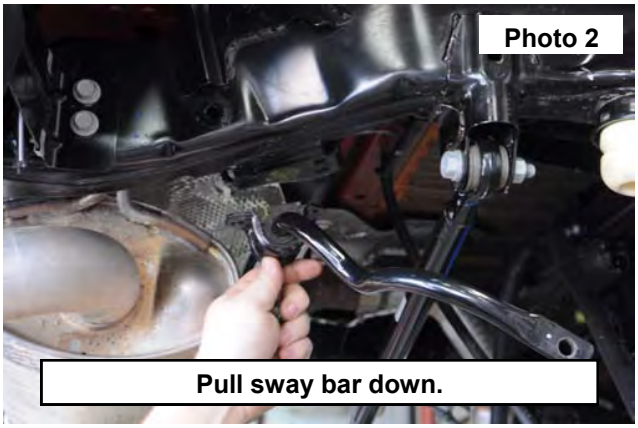
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs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

RC ROUGH COUNTRY

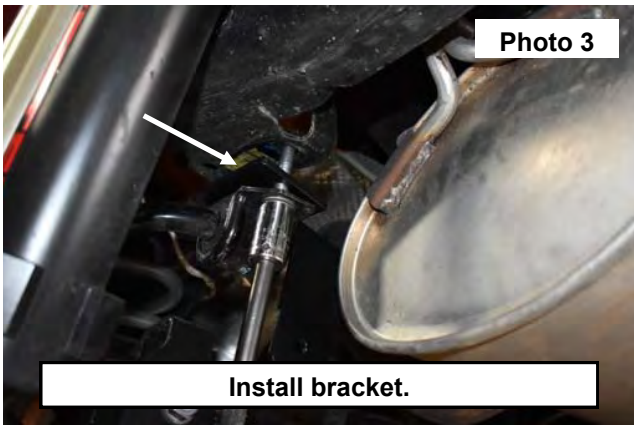
INSTALLATION INSTRUCTONS

1. Using a 15mm socket, remove the factory sway bar from the frame, save hardware for reuse. **See Photo 1.**
2. Pull the sway bar down to install the muffler skid plate bracket, do one side at a time. **See Photo 2.**





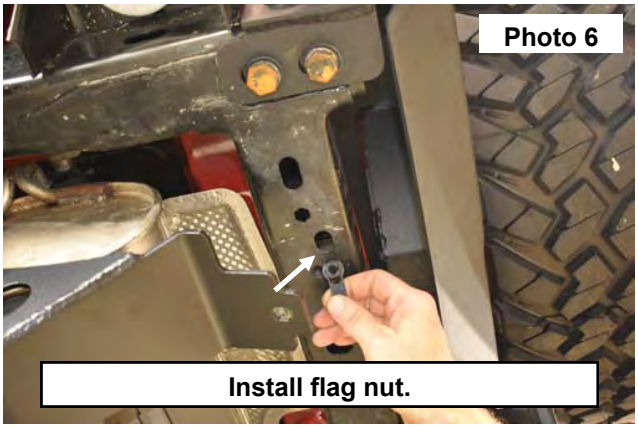
3. Install the muffler skid plate bracket in between the frame and the sway bar mount, install on each side of the vehicle, secure using the original hardware do not tighten at this time. **See Photo 3.**
4. Place the 3/8-16x1 bolt and 3/8 SAE Flat washers in the muffler skid plate brackets, with the threads pointing toward front of the vehicle. **See Photo 4.**



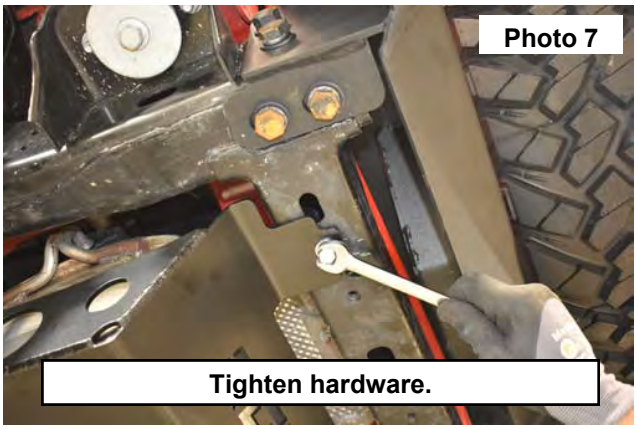


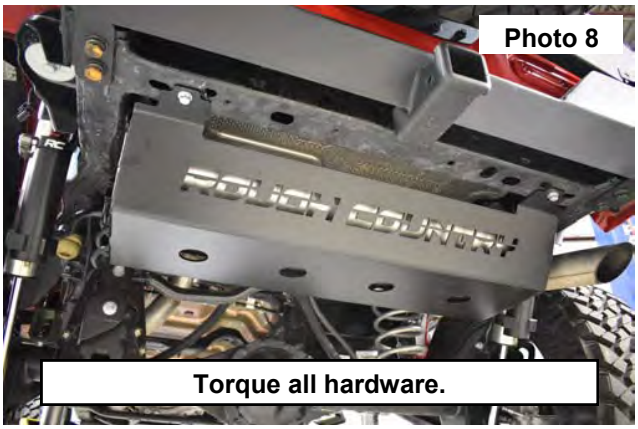
5. Hang the muffler skid plate onto the 3/8-16x1 bolts in the muffler skid plate brackets, use the 3/8 SAE Flat washers and 3/8-16 Lock nuts. **See Photo 5.**
6. Install the flag nuts into the oval hole in the frame on both sides to mount the muffler skid pate to the frame, use the 3/8-16x1-1/4 bolts, 3/8 lock washer and 3/8 SAE Flat washers to secure the muffler skid in the flag nuts. **See Photo 6.**





7. Make sure the muffler is centered inside of the skid plate, tighten all the hardware on the muffler skid plate brackets installed in step 3, using a 15mm socket.
8. Tighten hardware installed in steps 4 and 5, using a 9/16 wrench and socket.
9. Tighten hardware on the rear of the muffler skid plate, using a 9/16 wrench. **See Photo 7.**
10. Recheck muffler clearance and that all hardware is torqued to spec. **See Photo 8.**





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