

ROUGH COUNTRY

SUSPENSION SYSTEMS®

Jeep 2018-21 JL Retractable Step W/Light

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.

Periodically check all hardware for tightness.

KIT CONTENTS:

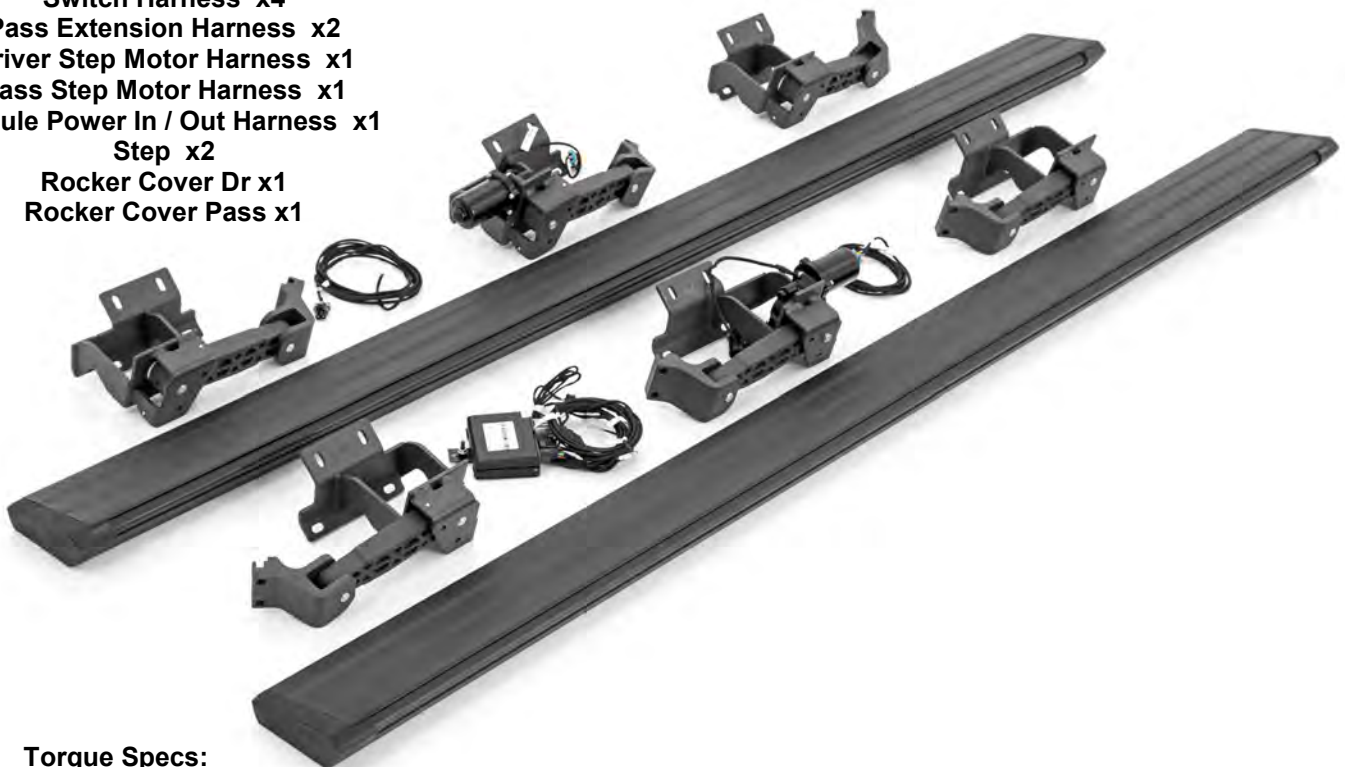
LF, LM, LR Brackets x1
 RF, RM, RR Brackets x1
 Idler Arm Bracket Right x2
 Idler Arm Bracket Left x2
 Step Motor Right x1
 Step Motor Left x1
 Control Module x1
 Fused Power Sub Harness x1
 Switch Harness x4
 Pass Extension Harness x2
 Driver Step Motor Harness x1
 Pass Step Motor Harness x1
 Module Power In / Out Harness x1
 Step x2
 Rocker Cover Dr x1
 Rocker Cover Pass x1

TOOLS NEEDED:

3/8 Drill Bit
 Drill Motor
 5mm Allen Wrench
 11mm Wrench or Socket
 7/64 Drill Bit
 Phillips Head Screwdriver
 13mm Socket / Wrench

HARDWARE INCLUDED:

8mm Button Head Bolts x12
 8mm Hex Head Bolts x6
 8mm Flat Washers x18
 8mm Hex Head Nuts x12



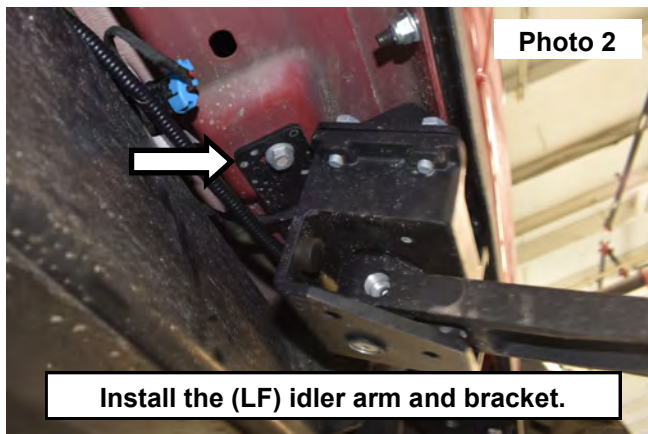
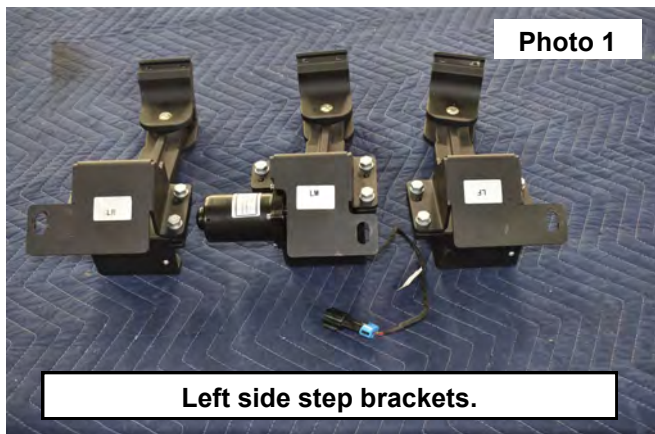
Torque Specs:

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

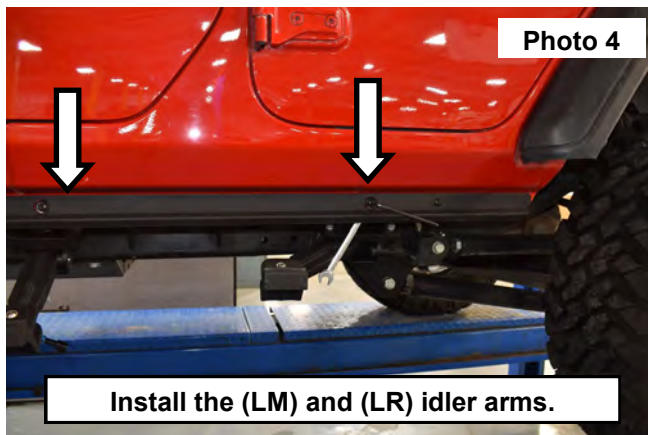
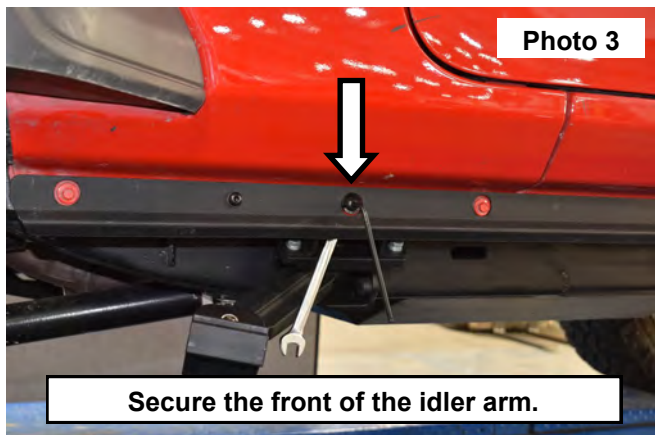


INSTALLATION INSTRUCTONS

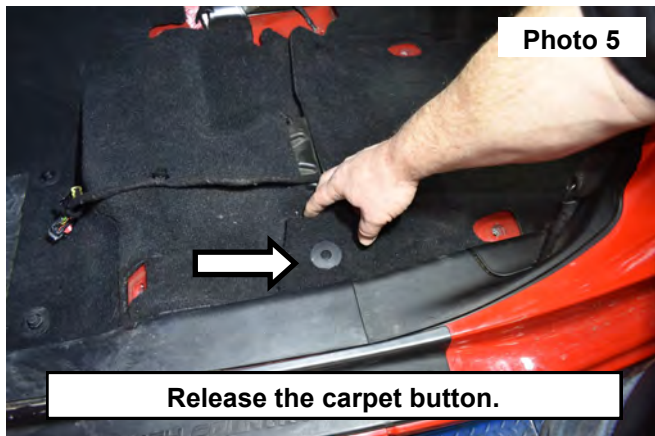
1. Locate the Left side step brackets from front to back as labeled **LF**, **LM**, **LR**. Shown with idler arm and motor. See **Photo 1**. Left will be the Driver Side of the vehicle and left front bracket is shown in pic below.
2. Install the (**LF**) idler arm and bracket using (1) of the supplied 8mm bolts into the threaded insert under the floor of the vehicle. See **Photo 2**.



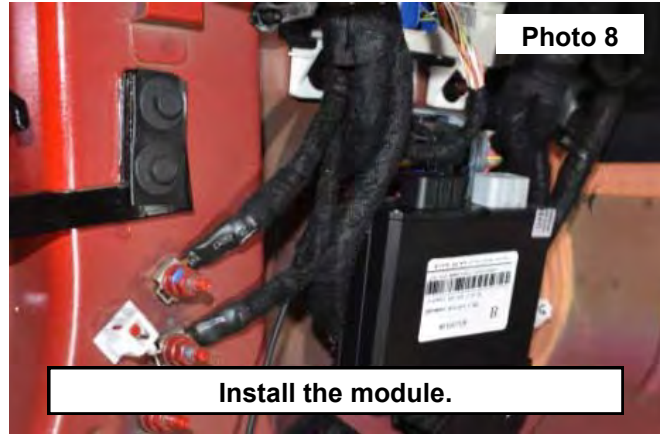
3. Secure the front of the idler arm using (1) 8mm button head bolt, (1) flat washer and (1) 8mm nylock nut. See **Photo 3**.
4. Repeat steps 2-4 for installation of the center (**LM**) motor and the rear idler arm (**LR**). See **Photo 4**.
5. Install as labeled **RF**, **RM**, **RR** step brackets on the opposite side of the vehicle.



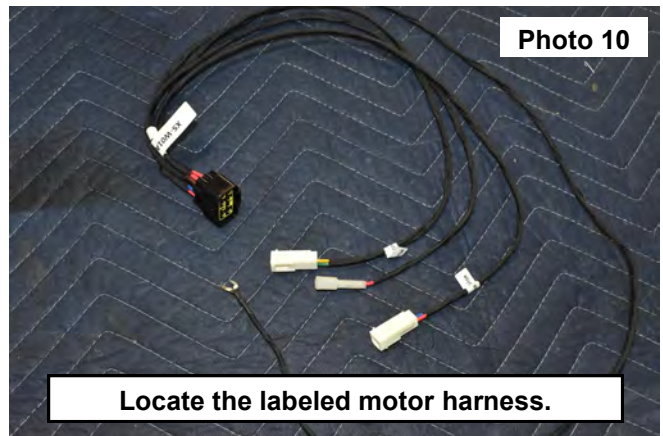
6. Front seats shown removed. Raise the carpet up and locate the rubber gromet under the driver and passenger front seats. See **Photos 5 and 6**.



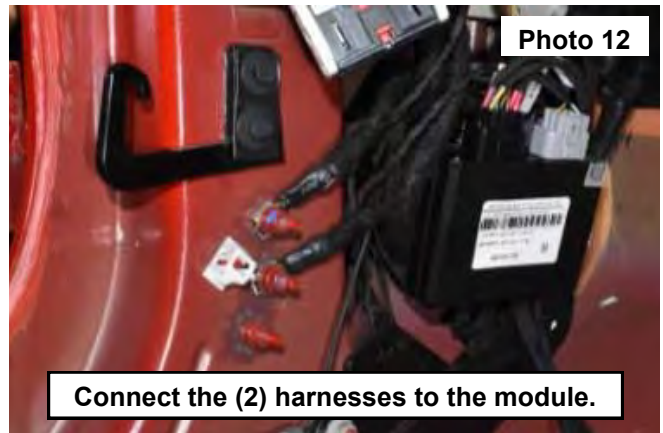
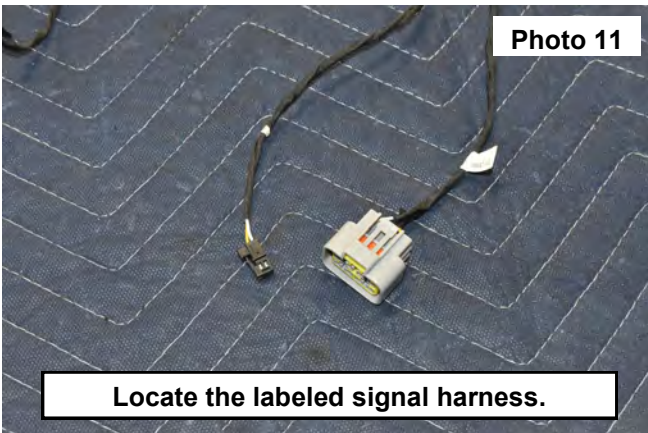
7. Remove the driver and passengers side lower scuff panel to allow access to the floor. **See Photo 7.**
8. Install and secure the Power step module to the inside of the drivers side, behind the scuff panel. Secure with supplied cable ties. **See Photo 8.**



9. Remove the driver and passengers side rubber gromet from the floor of the vehicle and drill a 3/8" hole into the gromet to place the wiring through. **See Photo 9.**
10. Locate the harness labeled motor harness. **See Photo 10.**

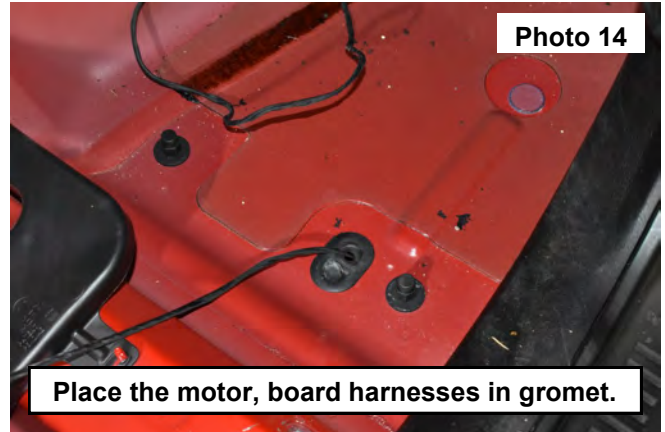
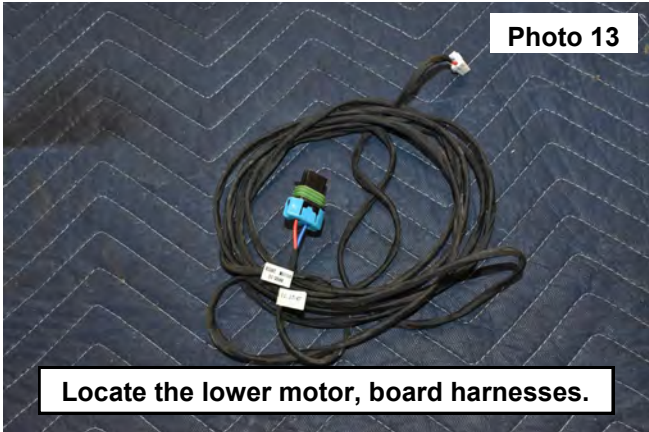


11. Locate the labeled signal harness. **See Photo 11.**
12. Connect the motor and the signal harness to the module. **See Photo 12.**



13. Locate the lower motor and lighted board harness labeled or the driver and passengers side of the vehicle. **See Photo 13.**

14. Place the motor and board harness through the rubber gromets on each side of the vehicle. **See Photo 14.**



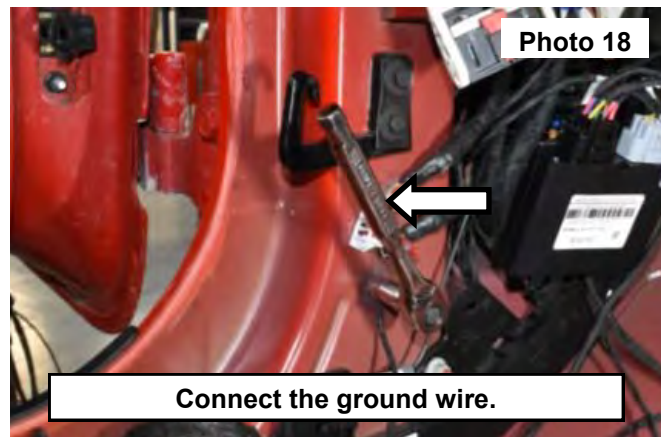
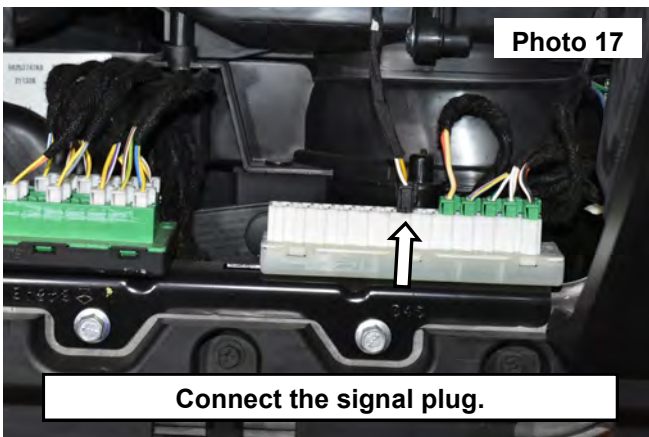
15. Connect the harness from the module to the power step motor on the driver and passenger side of the vehicle. **See Photo 15.**

16. Open and remove the glove box door by opening and pushing in on the side to release the stop and swing toward the floor board. **See Photo 16.**

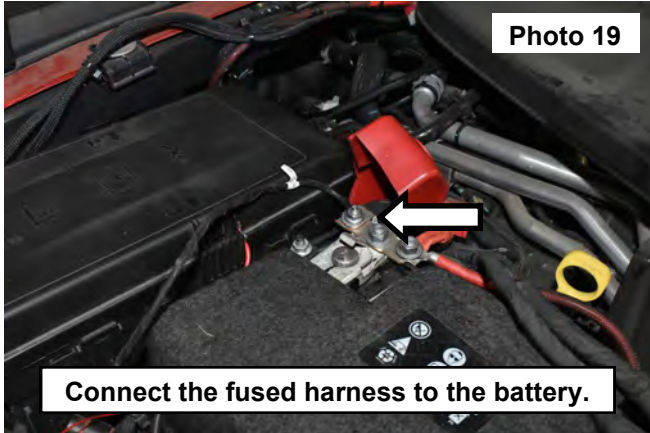


17. Route the signal wire to the passenger side behind the dash and connect the signal plug to the buss board behind the glove box as shown. **See Photo 17.**

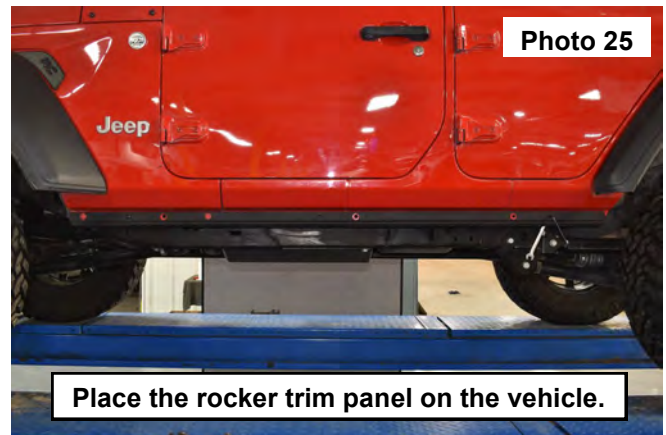
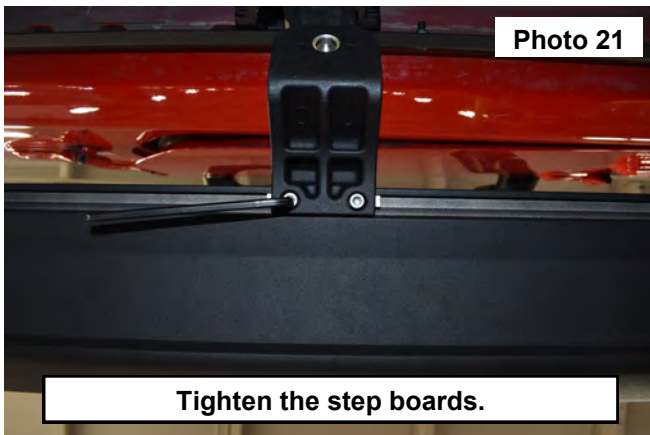
18. Connect the ground wire from the motor harness to the post inside of the kick panel using a 10mm socket. **See Photo 18.**



19. Close all of the doors on the vehicle. Then connect the fused power wire from the motor harness to the positive side of the battery using a 10mm socket. Secure the power wire away from any moving parts of exhaust heat. **See Photo 19.**
20. Confirm all connections are made to power the motor. Then open each door insuring the motor on the driver and passenger side operates the properly.
21. With the motor and idler arms in the open position insert the mounting blocks into the arm mount and secure using (2) of the supplied 6mm bolts and 6mm washers. **See Photos 20 & 21**
22. NOTE: Connect and mount the step board light wiring, closest to the motor arm and secure to the idler arm using the (2) wire clips and (2) Phillips head screws shown in photo 20.



25. Center the step boards on the vehicle.
26. Tighten the step boards using a 5mm allen wrench.
27. Make sure the steps close properly and there is no binding of the step boards or pulling of the wires while functioning.
28. Install the supplied rocker trim panel using (3) 8mm hex head bolts (3) 8mm Washers and (3) 8mm nylock nuts. Staggered along the panel. Use the front mounting hole the front center mounting hole and the last hole in the panel. **See Photos 21 and 22.** Snug the hardware using a 13mm wrench and socket.



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