

ROUGH COUNTRY

SUSPENSION SYSTEMS®

PSR610530

JEEP 2020-23 Gladiator Electric Step

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:

- Step Brackets/Actuators x 4
- Electric E Board x 2
- E Board Wiring Harness x1
- E Board Lights x4
- Magnetic Door Triggers x4
- Motor Guards x2

TOOLS NEEDED:

- 13mm Wrench or Socket



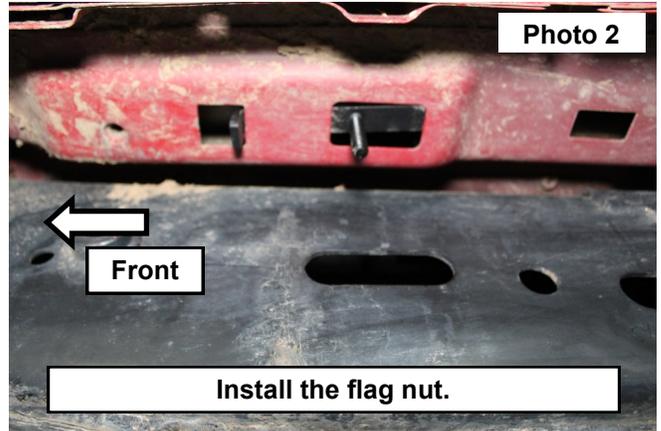
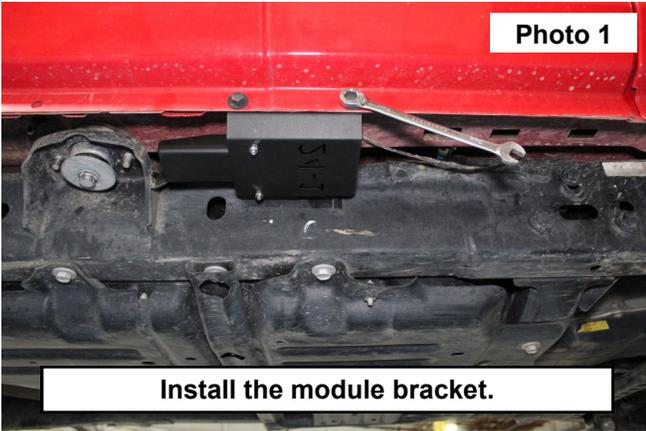
Torque Specs:

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

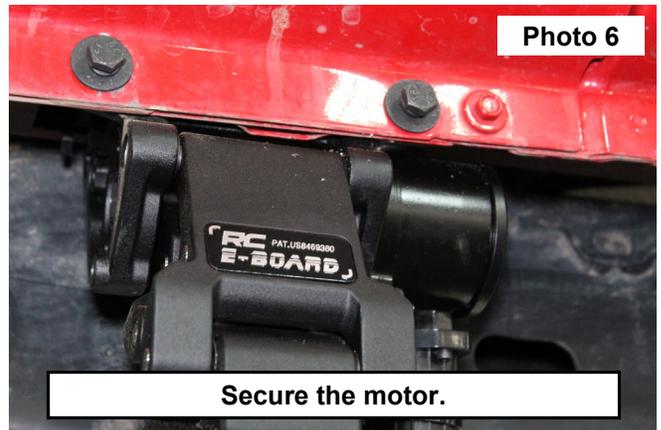
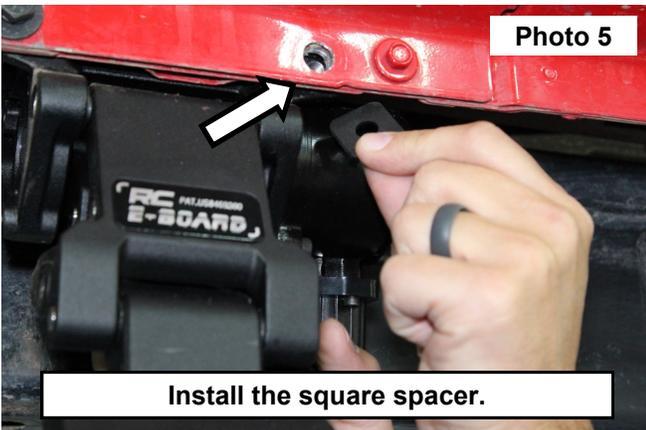
1. Place the module bracket to the pinch weld, securing it to the cab using (2) supplied bolts. **See Photo 1.**
2. Place the flags nut into the body of the vehicle for the front and rear motor mount. NOTE: The 90 Deg. Bend on the bracket is toward the front of the vehicle. See Photo 2.



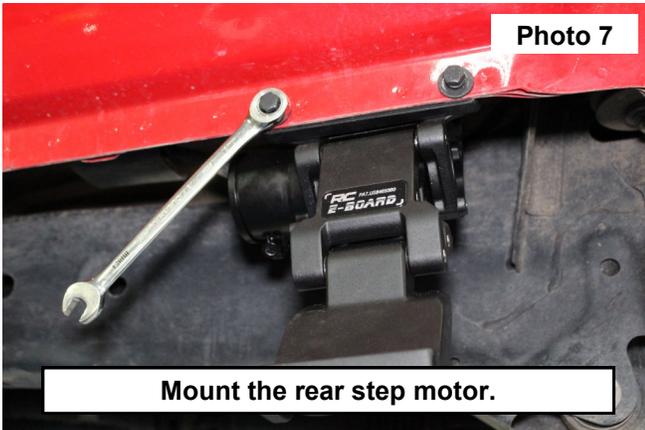
3. Secure the front of the motor using the supplied bolt, Then transfer the center of the motor mount onto the pinch weld. See Photo 3.
4. Use a .406 drill bit to drill a mounting hole into the pinch weld. See Photo 4.



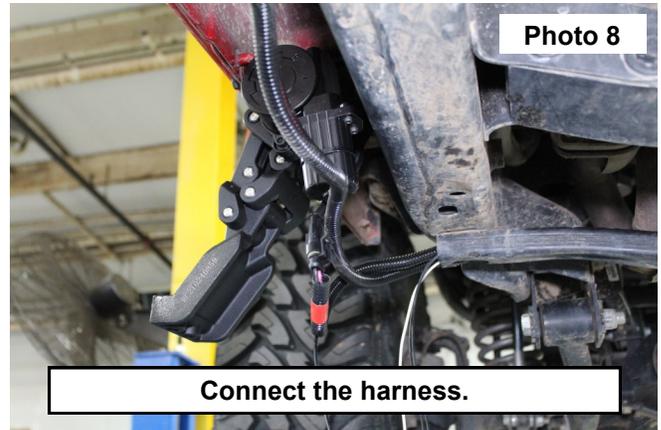
5. Place (1) square washer behind the pinch weld. Then secure the motor to the pinch weld with the supplied hardware. **See Photos 5 and 6.**



6. Mount the rear step motor to the pinch weld using the supplied hardware. **See Photo 7.**
7. Connect the plugs to the motors and route the harness to the passengers side of the vehicle. **See Photo 8.**

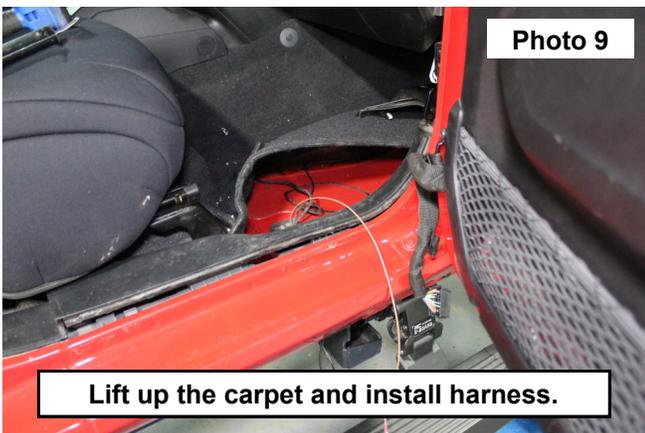


Mount the rear step motor.

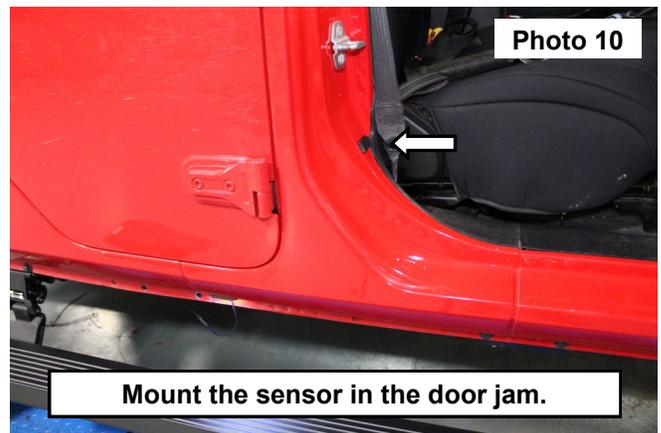


Connect the harness.

8. Remove the scuff plate and raise the carpet up to install the wiring harness to the front and rear set of doors on the Driver and passengers side. **See Photo 9.**
9. Place the trigger sensor inside of the door jam and then place the sensor magnet onto the door. These will need to be installed in such a way that the position the magnet aligns up with the trigger module. **See Photo 10.**

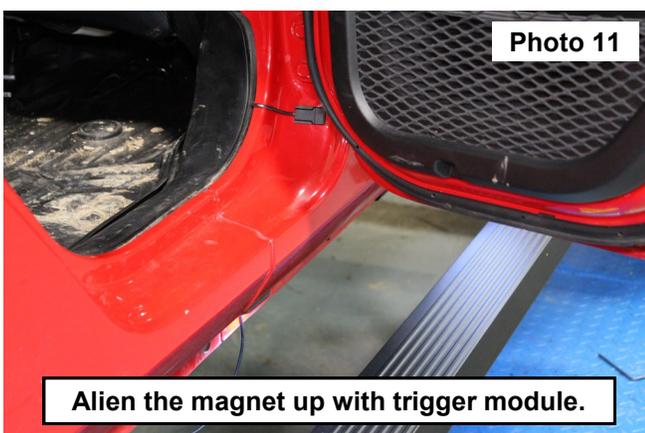


Lift up the carpet and install harness.

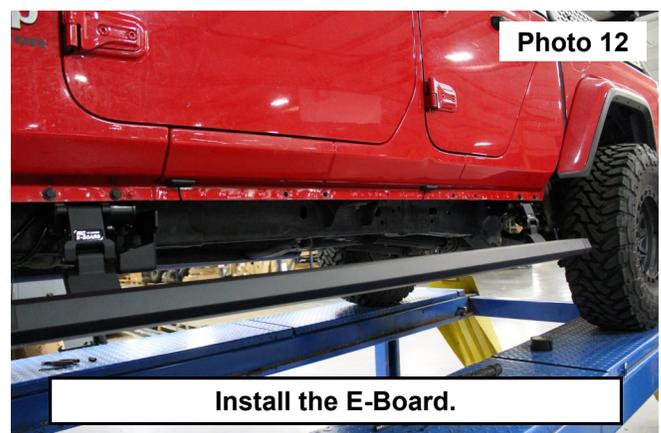


Mount the sensor in the door jam.

10. Place the rear trigger sensor inside of the front of the door jam and then place the sensor magnet onto the door. These will need to be installed in such a way that the position the magnet aligns up with the trigger module. **See Photo 11.**
11. Connect the trigger sensor grounds to the nearest bolt inside of the trim panel.
12. Install the E-Board onto the bracket actuator using the supplied 5mm socket head bolts. The aluminum sliders on the E-Board can be positioned into the block hasp of the bracket and the bolts installed. Leave the bolts loose so the board can be slid into the desired position. Stand back from the vehicle and make sure the step is in the best position front to back so that when it is retracted it will not hit the front fender. Once in position, tighten the bolts down using a 5mm hex wrench. Repeat for opposite side of the vehicle. **See Photos 12 and 13.**



Align the magnet up with trigger module.



Install the E-Board.

13. The step kick includes entry lights. These are installed close to the area where you will be stepping down onto the board. Once this location is found, clean the surface of the body and stick the lights in place by peeling the backing off the double sided tape and pressing firmly onto the body. Connect the lights to their harnesses. **See Photo 14.**



14. Place the carpet and scuff plate in to the stock position. **See Photo 15.**

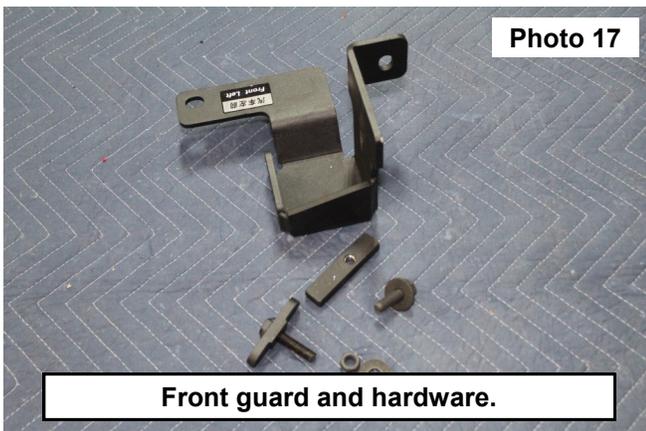
15. Under the vehicle, Use the provided zip ties to tuck all of the harness up and out of the way.

16. Install the nut on the upper flag nut and tighten all step motor hardware using a 13mm socket. **See Photo 16.**

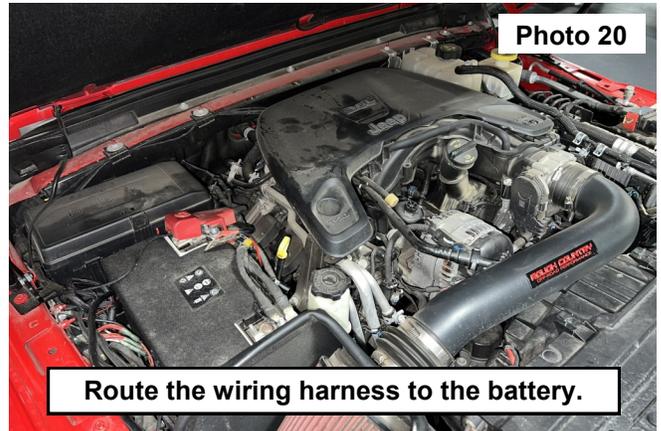
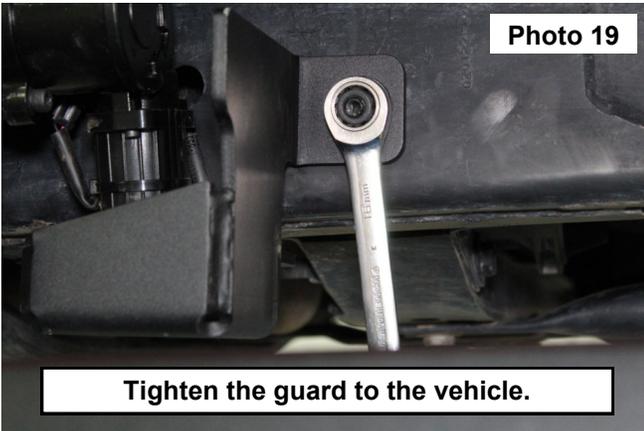


17. Locate the front guard and hardware. **See Photo 17.**

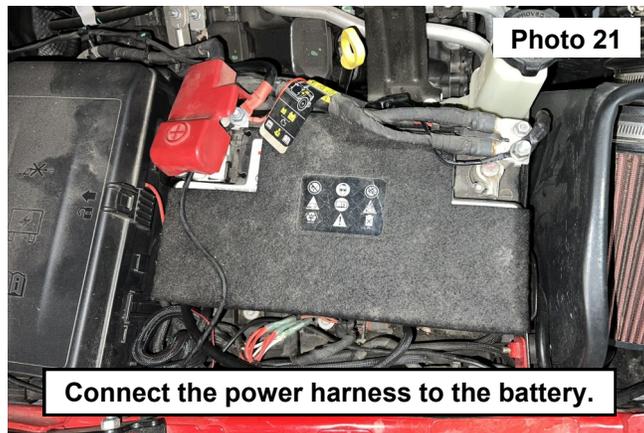
18. Place the tension block into the bottom of the frame and secure the guard using the supplied 10mm bolt. **See Photo 18.**



19. Secure the upper guard using the flag nut into the slot in the frame and the provided 10mm Flat washer, Lock washer and 10mm nut. Tighten the hardware to the frame using a 13mm wrench. **See Photo 19.**
20. Route the wiring harness to the battery of the vehicle. **See Photo 20.**



21. Connect the power harness to the battery. **See Photo 21.**
22. Open and close each door of the vehicle to ensure each sensor is working correctly.



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