

# ROUGH COUNTRY

## SUSPENSION SYSTEMS®

PSR090910

### 2010-23 Ram 2500 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.

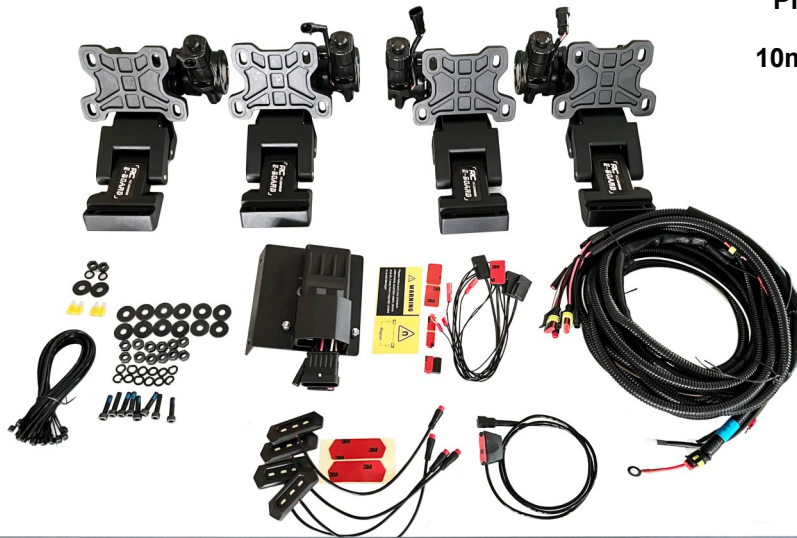
Periodically check all hardware for tightness.

#### 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

#### TOOLS NEEDED:

- Wheel Chocks
- 13mm wrench/socket
- 15mm wrench/socket
- 5mm Allen Wrench
- Side Snips
- Plastic Mold Tools
- 6mm socket
- 10mm wrench/socket



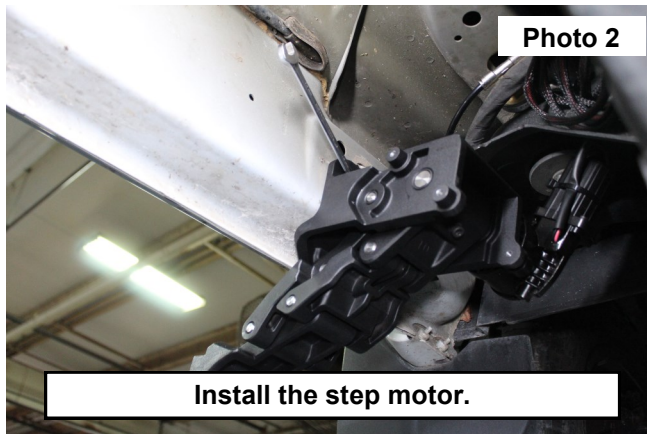
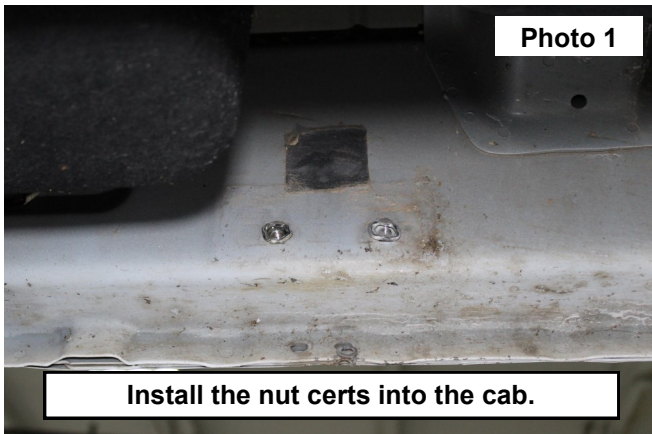
#### Torque Specs:

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

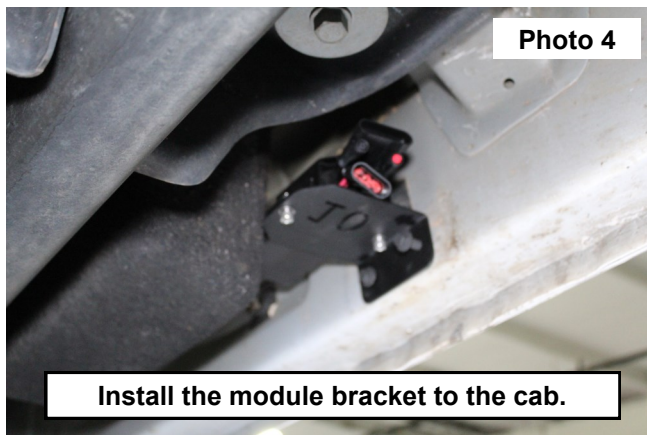
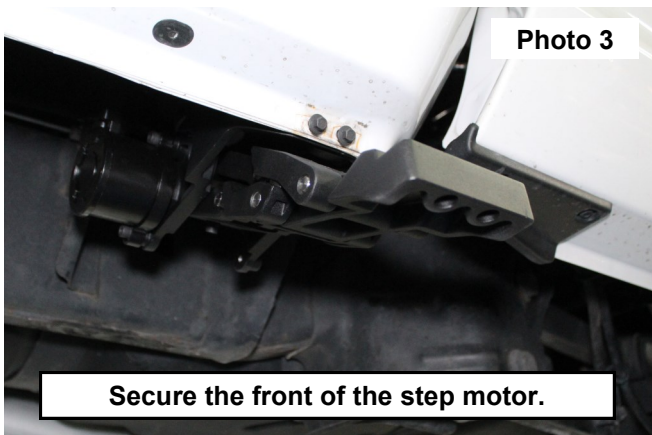


## INSTALLATION INSTRUCTONS

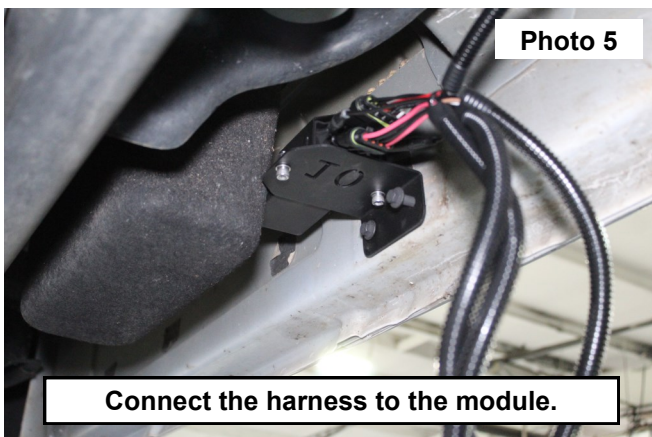
1. Install the (2) nut certs into the cab at the front, center and rear mounting points. **See Photo 1.**
2. Install the step motor to the body using (2) bolts through the upper mount. **See Photo 2.**



3. Secure the front of the step motor using the (2) supplied bolts. **See Photo 3.**
4. Place the module bracket to the cab mount, securing it to the cab using (2) supplied bolts. **See Photo 4.**

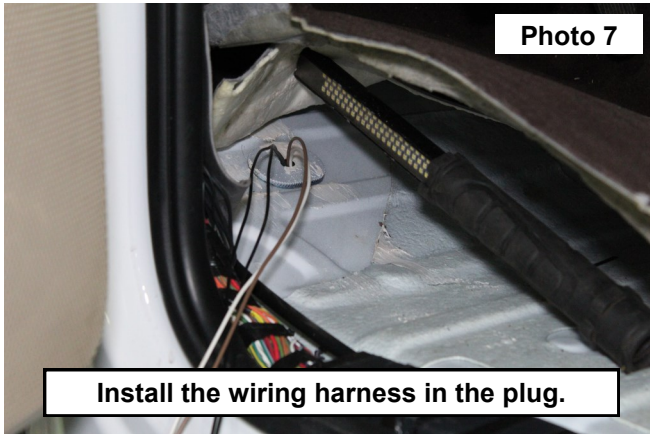


5. Connect the supplied harness to the module. **See Photo 5.**
6. Remove the scuff panel then raise the carpet up to expose the plug in the floor. **See Photo 6.**

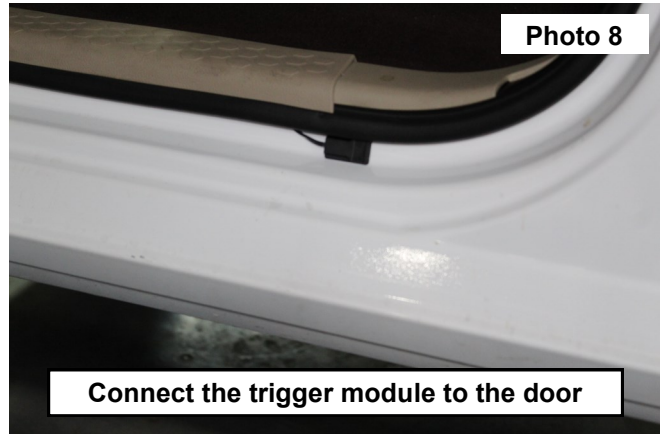




7. Drill a hole into the plug in the floor and place the trigger wires through the floor into the cab of the vehicle. **See Photo 7.**
8. Connect the wiring harness to the trigger module and mount it to the rear edge of the scuff plate. **See Photo 8.**

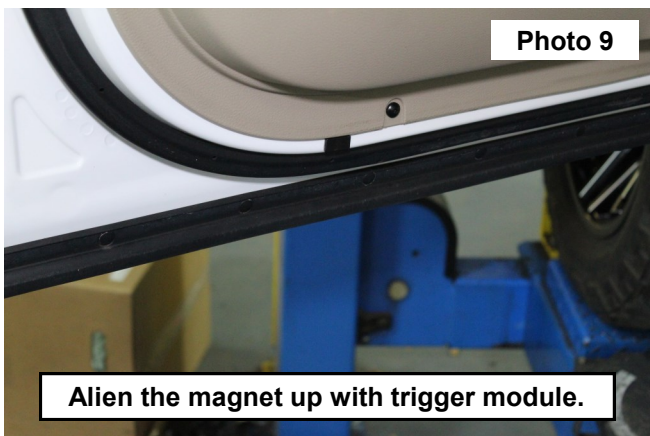


**Install the wiring harness in the plug.**

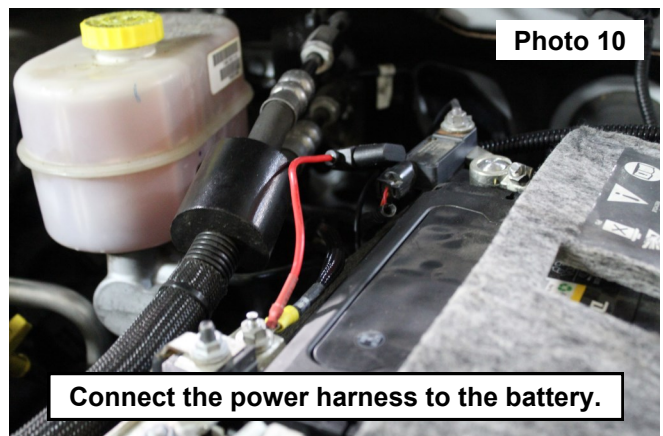


**Connect the trigger module to the door**

9. The magnets provided can be fastened to the door at this time. These will need to be installed in such a way that the position the magnet aligns up with the trigger module. **See Photo 9.**
10. Connect the power harness to the battery. **See Photo 10.**

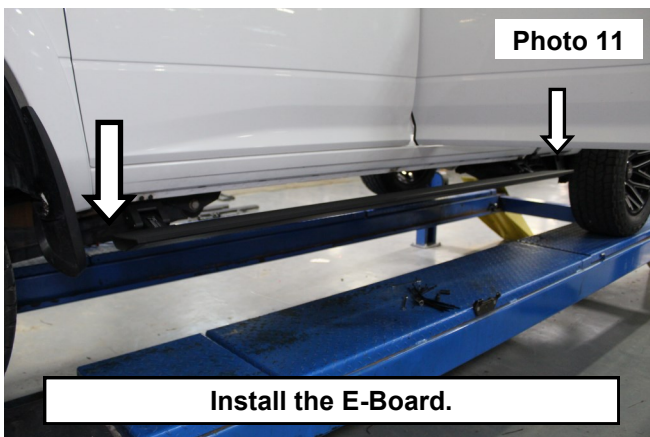


**Align the magnet up with trigger module.**



**Connect the power harness to the battery.**

11. 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 11 and 12.**



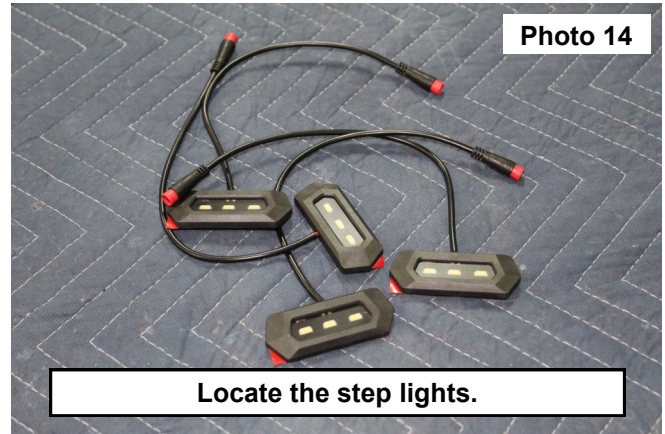
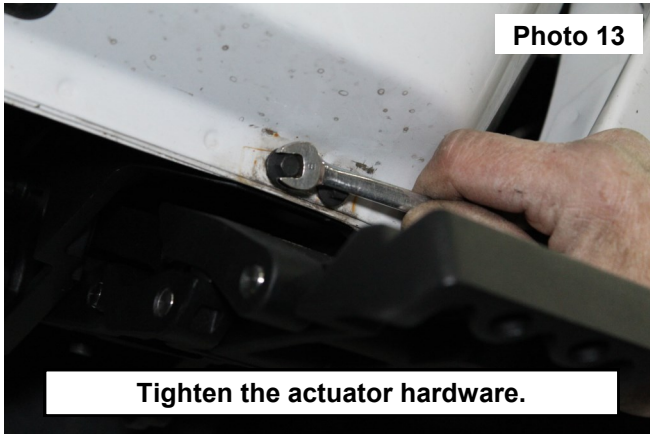
**Install the E-Board.**



**Tighten the step.**

12. Once the step boards are installed, tighten the actuator hardware. **See Photo 13.**

13. Locate the (4) step lights. **See Photo 14.**



14. 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 15.**

15. Place the carpet and scuff plate in to the stock position. **See Photo 16.**

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



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