

# ROUGH COUNTRY

## SUSPENSION SYSTEMS®

PSR610430

### JEEP 2018-23 Wrangler JL 2 & 4 Door 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



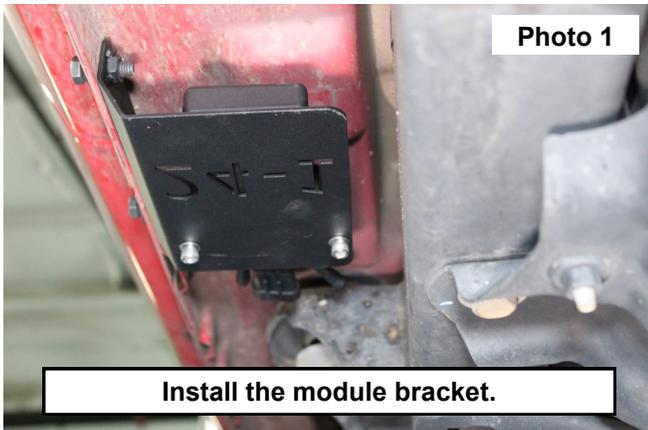
#### Torque Specs:

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

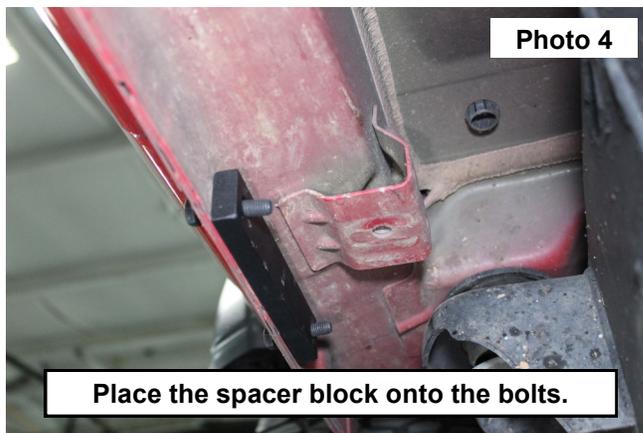
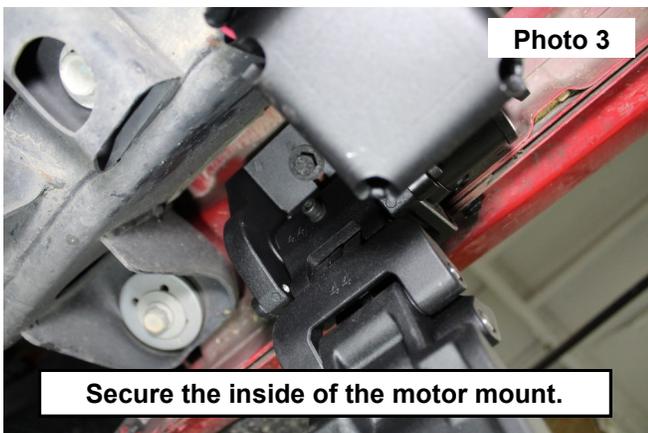


## INSTALLATION INSTRUCTONS

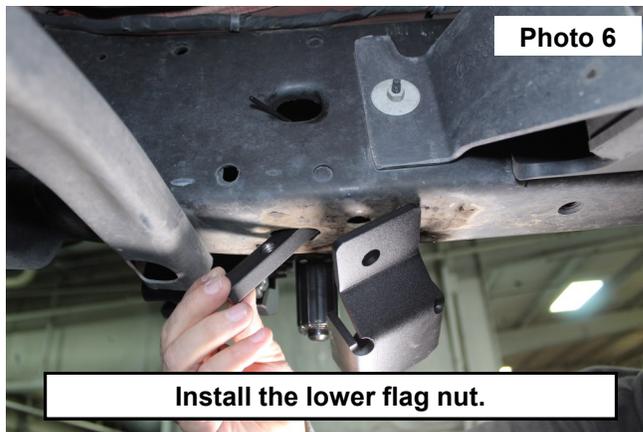
1. Place the module bracket to the pinch weld, securing it to the cab using (2) supplied bolts. **See Photo 1.**
2. Secure the front motor using (2) of the supplied bolts in the front pinch weld mount. **See Photo 2.**



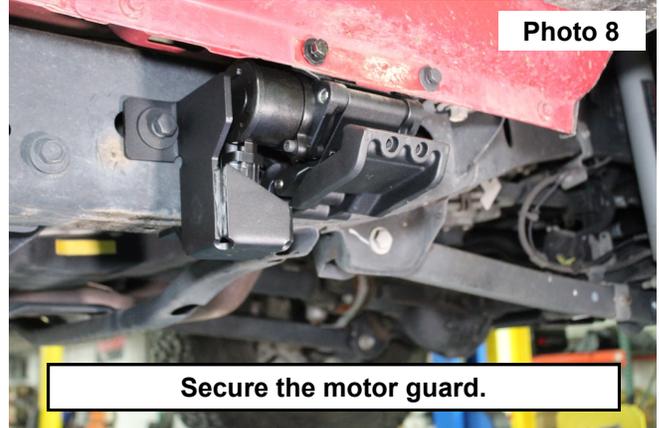
3. Secure the inside of the motor mount using (1) of the supplied bolts. **See Photo 3.**
4. Insert (2) of the longer bolts into the body mount. Then place the spacer block onto the bolts. **See Photo 4.**



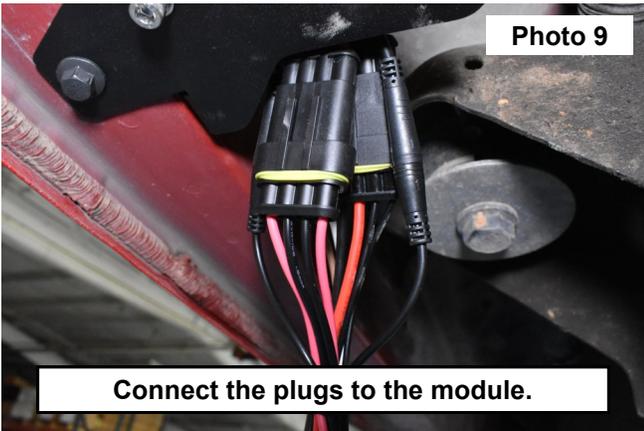
5. Secure the rear motor to the spacer block using the inserted bolts. **See Photo 5.**
6. Secure the rear of the mount using (1) of the supplied bolts.
7. Install the lower flag nut into the frame. **See Photo 6.**



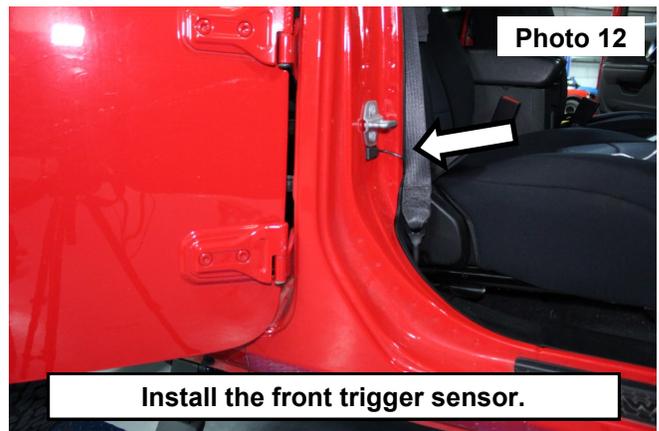
8. Place the upper side flag nut into the frame. **See Photo 7.**
9. Secure the motor guard using the installed flag nuts and (2) of the supplied hex head bolts. Tighten using a 13mm socket. **See Photo 8.**



10. Connect the plugs to the module and the motors and route the harness to the Driver side of the vehicle. **See Photo 9.**
11. **Note: The following steps reflect the 4 door cab. The 2 door harness will not have rear trigger sensors.**
12. Remove the scuff plate on the driver and passengers side of the vehicle 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 Photos 10 and 11.**



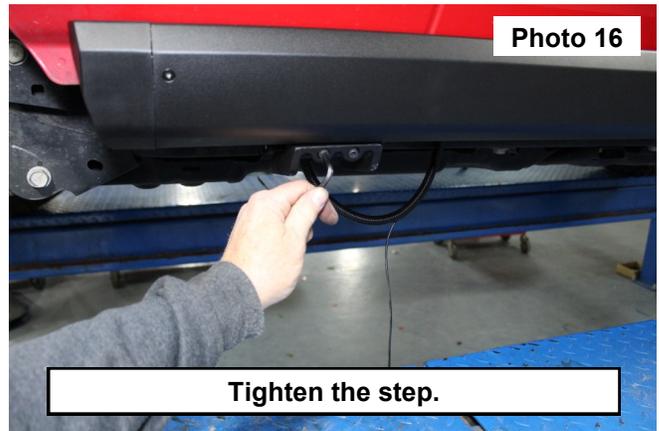
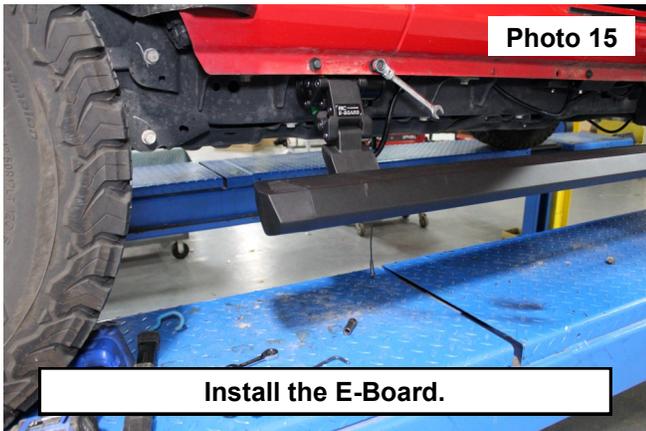
13. Place the trigger sensor inside of the door jam and then place the sensor magnet onto the door. These will need to be installed in such a way that the position the magnet aligns up with the trigger module. **See Photo 12.**



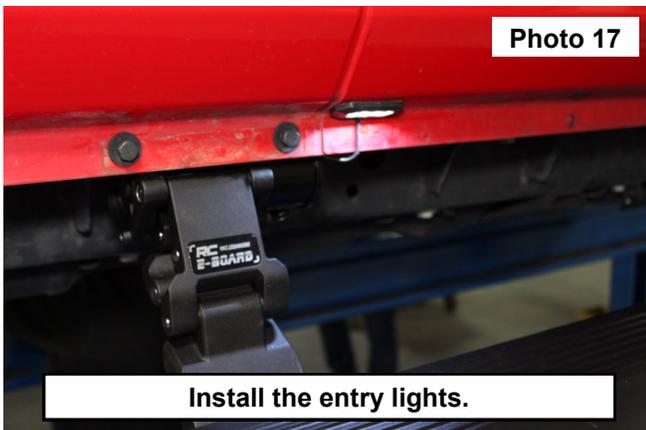
- Place the rear trigger sensor inside of the front of the door jam and then place the sensor magnet onto the door. These will need to be installed in such a way that the position the magnet aligns up with the trigger module. **See Photo 13.**
- Secure the ground connectors to the floor post. **See Photo 14.**



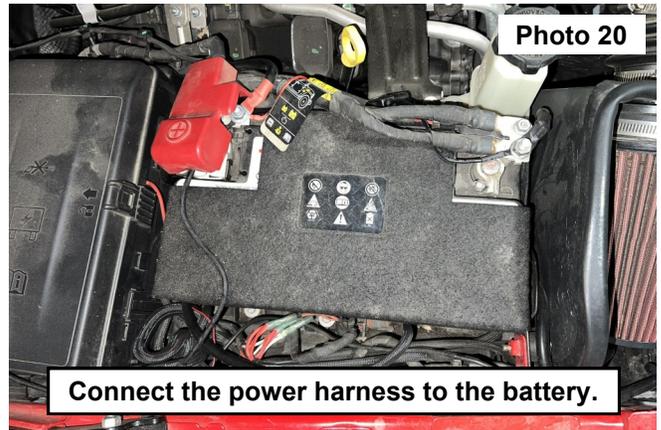
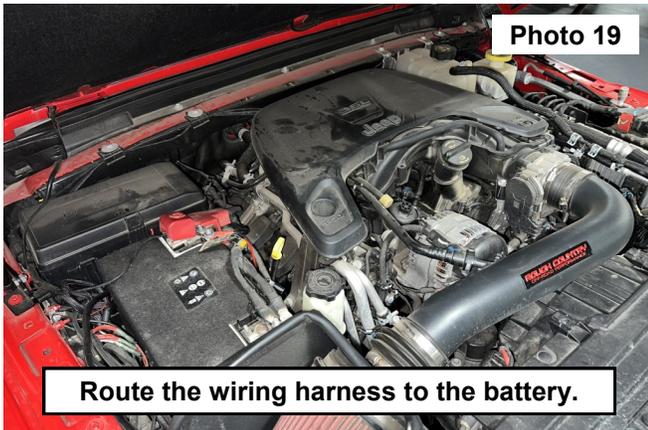
- Install the E-Board onto the bracket actuator using the supplied 5mm socket head bolts. The aluminum sliders on the E-Board can be positioned into the block hasp of the bracket and the bolts installed. Leave the bolts loose so the board can be slid into the desired position. Stand back from the vehicle 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 15 and 16.**



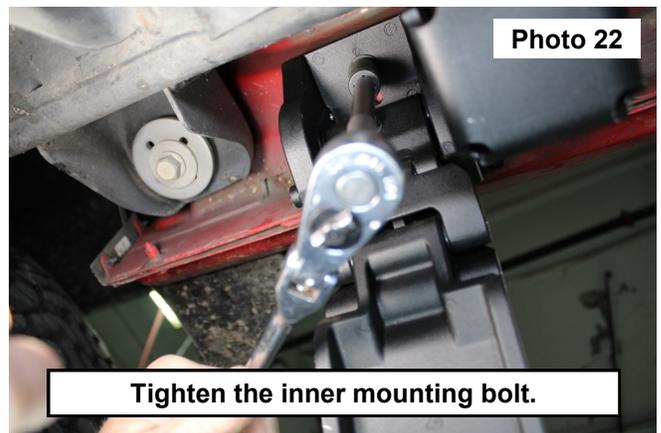
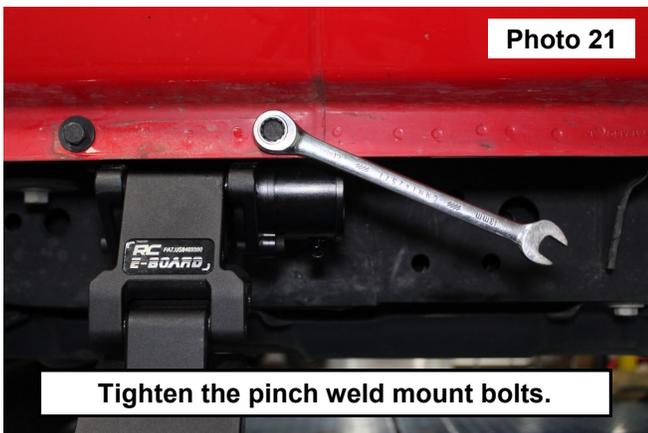
- The step kick includes entry lights. These are installed close to the area where you will be stepping down onto the board. Once this location is found, clean the surface of the body and stick the lights in place by peeling the backing off the double sided tape and pressing firmly onto the body. Connect the lights to their harnesses. **See Photo 14.**
- Place the carpet and scuff plate in to the stock position. **See Photo 15.**



19. Under the vehicle, Use the provided zip ties to tuck all of the harness up and out of the way.
20. Route the wiring harness to the battery of the vehicle. **See Photo 19.**
21. Connect the power harness to the battery. **See Photo 20.**
22. Open and close each door of the vehicle to ensure each sensor is working correctly.



23. Tighten the pinch weld mount bolts using a 13mm socket. **See Photo 21.**
24. Tighten the inner mounting bolt using a 13mm socket. **See Photo 22.**



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