Rough Country PSR621510 Installation Instructions

6-Inch Power Running Boards for 2010-2024 Toyota 4Runner

Part number: PSR621510

trailfortress.com/rough-country-power-running-boards-psr621510

Scan for fitment, price and install help

PSR621510

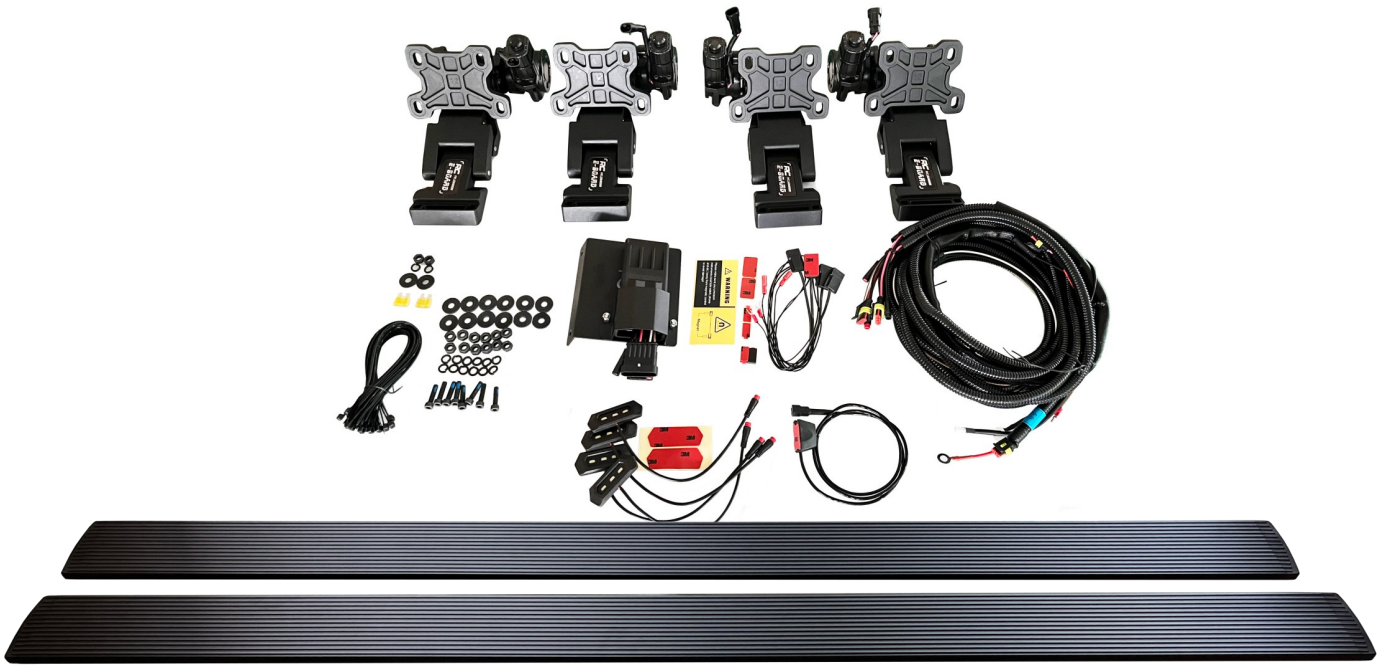
TOYOTA 2018-23 4 Runner Electric Step

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:
13mm Wrench or Socket

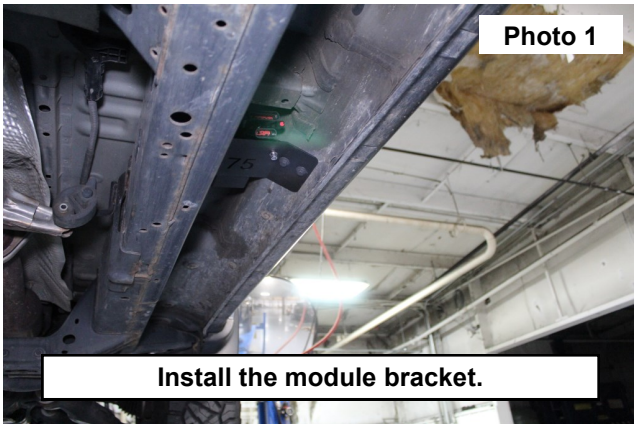


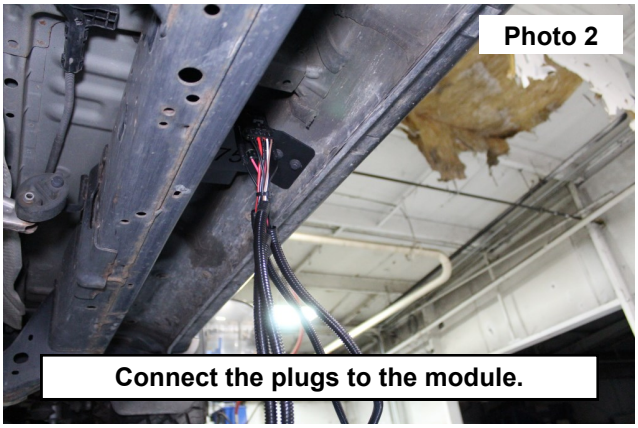
Torque Specs:

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

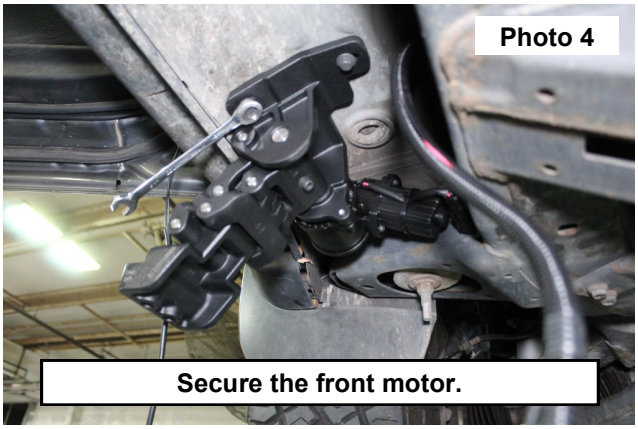
1. Place the module bracket to the pinch weld, securing it to the cab using (2) supplied bolts. **See Photo 1.**
2. Connect the plugs to the module and the motors and route the harness to the passengers side of the vehicle. **See Photo 2.**



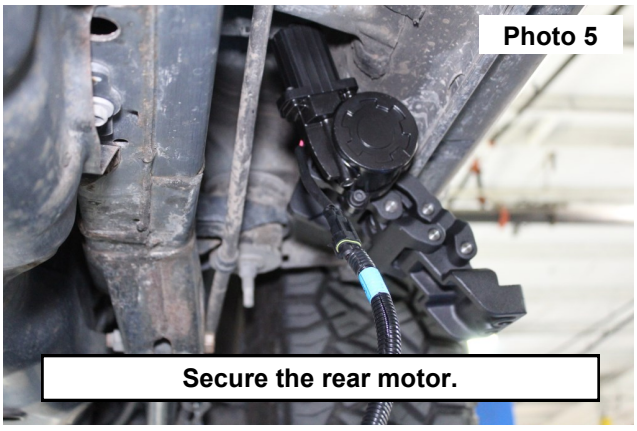


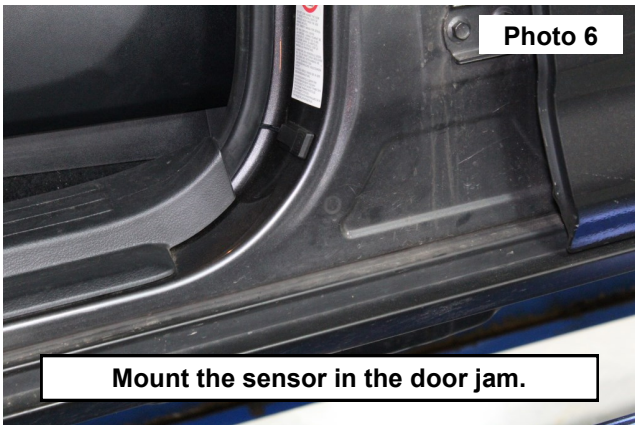
3. Remove the scuff plate and raise the carpet up to install the wiring harness to the front and rear set of doors on the Driver and passengers side. **See Photo 3.**
4. Mount the Front Driver side motor shown to the body of the vehicle using the supplied hardware. **See Photo 4.**



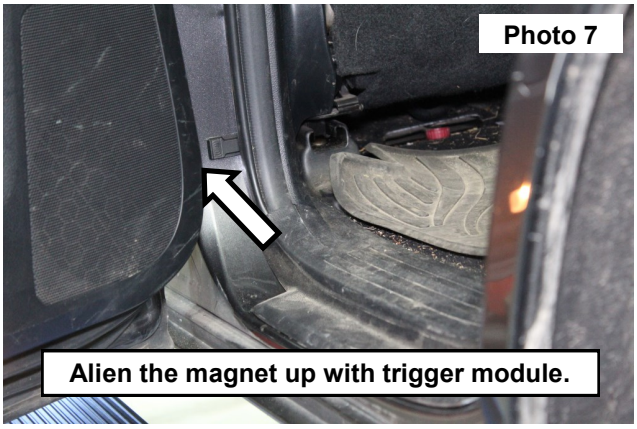


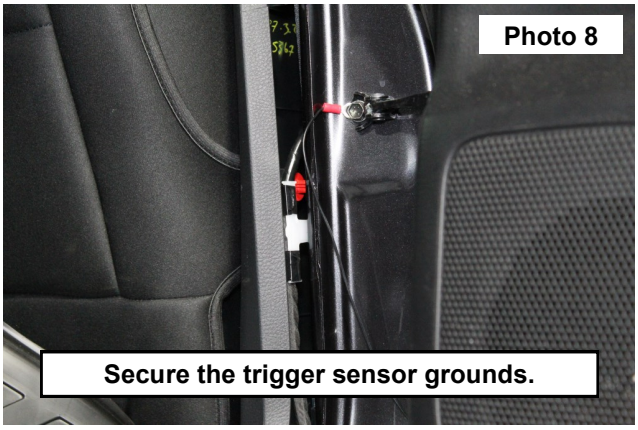
5. Mount the Rear Driver side motor shown to the body of the vehicle using the supplied hardware. **See Photo 5.**
6. Place the trigger sensor inside of the door jam and then place the sensor magnet onto the door. These will need to be installed in such a way that the position the magnet aliens up with the trigger module. **See Photos 6 and 7.**





7. 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 aliens up with the trigger module. **See Photo 8.**
8. Secure the trigger sensor grounds to the nearest bolt.





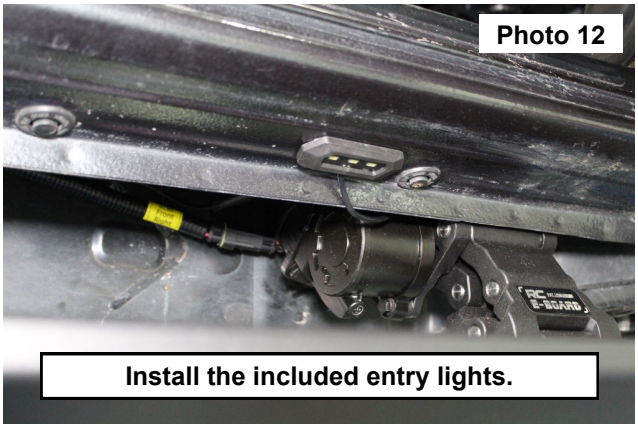
9. Install the E-Board onto the bracket actuator using the supplied 5mm socket head bolts. The aluminum sliders on the E-Board can be positioned into the block hasp of the bracket and the bolts installed. Leave the bolts loose so the board can be slid into the desired position. Stand back from the vehicle 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 9 and 10.**





10. Place the carpet and scuff plate in to the stock position. **See Photo 11.**
11. 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 12.**





12. Route the wiring harness to the battery of the vehicle.
13. Connect the power harness to the battery. **See Photo 13.**
14. Open and close each door of the vehicle to ensure each sensor is working correctly.
15. Under the vehicle, Use the provided zip ties to tuck all of the harness up and out of the way.
16. Tighten all step motor hardware using a 13mm socket. **See Photo 14.**

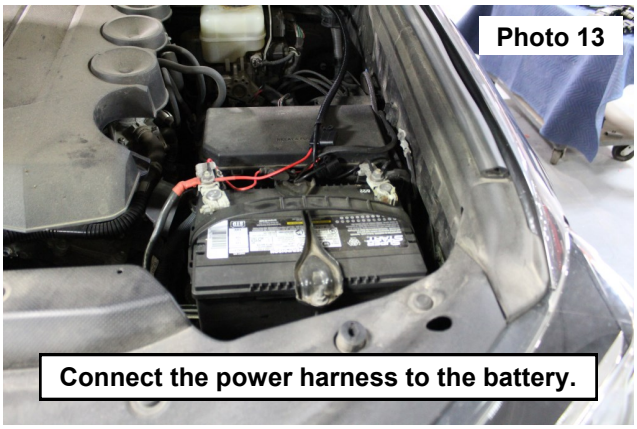


Photo 13

Connect the power harness to the battery.



Photo 14

Tighten the motor hardware.

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