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Rough Country 55009 Installation Instructions

Multi-Color LED Running Boards for Ram 2500/3500 Crew Cab (2011-2025)

Part number: 55009

trailfortress.com/rough-country-multi-color-led-running-boards-55009

Scan for fitment, price and install help

925500900

ROUGH COUNTRY

Ram 2010-25 2500/3500 Crew Cab Bluetooth 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:

White / Amber LED Step Boards x2
Dr Fr Mounting Bracket x1
Dr Middle Mounting Bracket x1
Dr Rear Mounting Bracket x1
Dr Side Fr / Center Support Bracket x2
Dr Side Rr Support Bracket x1
Pass Side Mounting Bracket x3
Pass Side Support Bracket x3
Wiring Harness x1
Magnetic Switch x4
Door Magnets x4
Cable Ties x15

Mounting Hardware Included:

8mm Plastic Block x6
8mm x30mm T-Bolt x6
8mm Flat Washer x24
8mm Lock Washer x12
8mm x30mm Hex Bolt x18
8mm Hex Nut x6
8mm Lock Nut x6
6mm Lock Nut x12
6mm Flat Washer x24
6mm x25mm Hex Bolt x12
6mm Flange Nut x12
6mm x20mm T-Bolt x12
6mm Flat Washer x4

Tools Needed:

10mm Wrench or Socket
13mm Wrench or Socket

Step Rail Hardware Included:

6mm x20mm T-Bolt x 8
6mm Flange Nut x12
6mm x 20mm Hex Bolt x4
6mm Flat Washer x4

See separate sheet for Bluetooth App Instructions

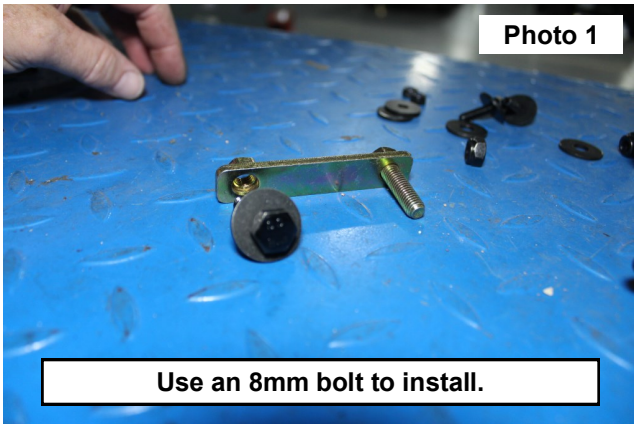


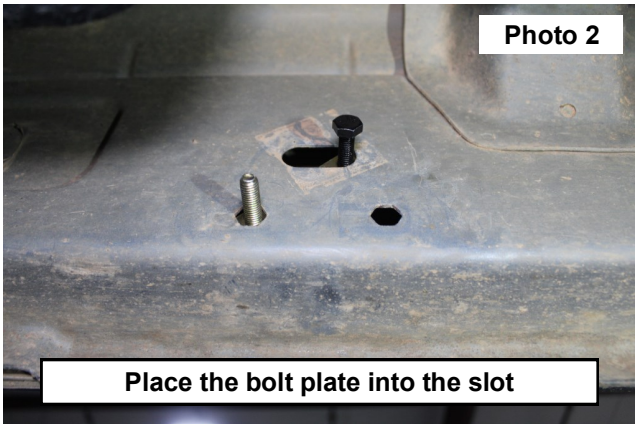
Torque Specs:

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

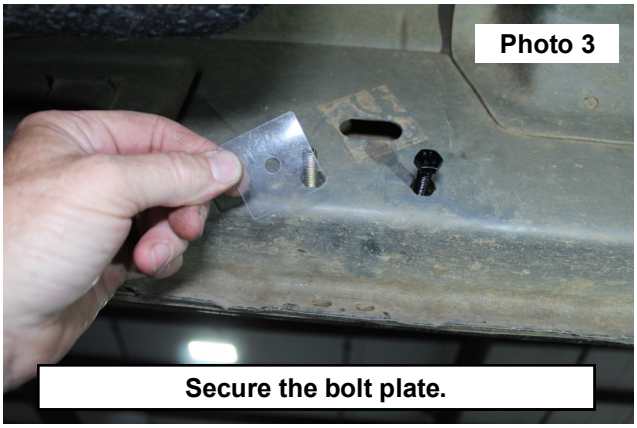
INSTALLATION INSTRUCTIONS

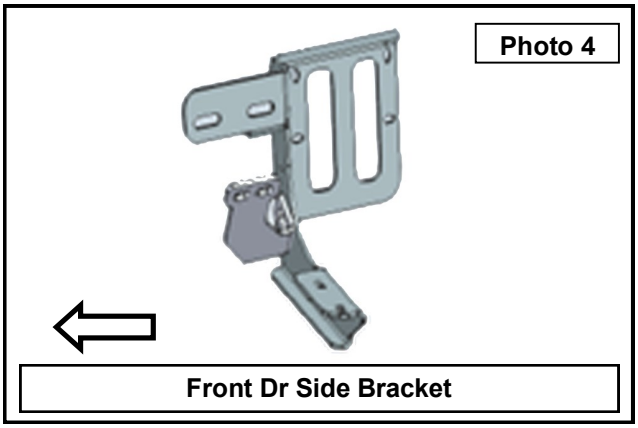
1. Insert one of the 8mm bolts into the supplied bolt plates. **See Photo 1.**
2. Place the bolt plate into the slot located on the inside of the inner rocker. Then insert the stud into one of the hex holes below the slot. **See Photo 2.**

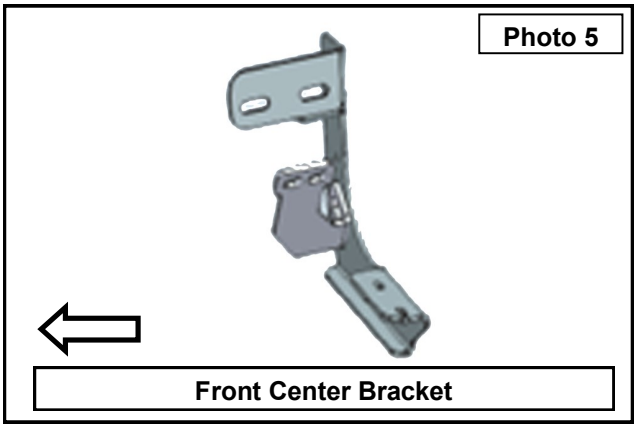


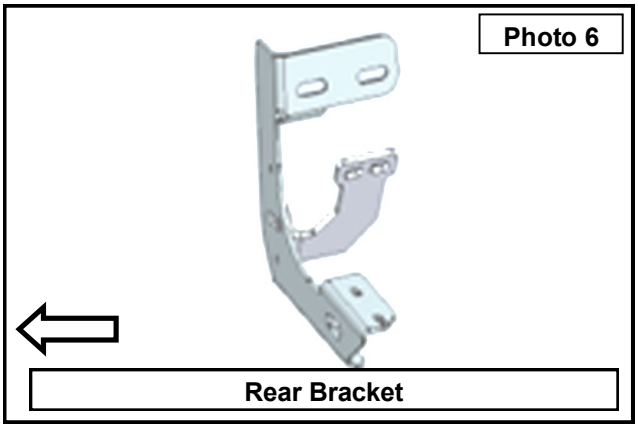


3. Secure the bolt plate stud using (1) of the plastic blocks supplied in the hardware kit. **See Photo 3.**
4. Remove the 8mm bolt used to install the bolt plate in Photo 1. Use this bolt to install the remaining driver and passenger side bolt plates and plastic blocks into the inner rocker panel at each mounting location.
5. Install the front step bracket over the mounting holes and threaded stud and secure, using (1) 8mm large washer and (1) 8mm Nylock Nut on the stud. Align the nut side of the bolt plate with the mounting hole and secure using (1) 8mm large washer, (1) 8mm lock washer and (1) 8mm hex head bolt. Install center and rear brackets in the same manner.
6. Align the step plate support bracket with the (2) holes the pinch weld and the single hole placed onto the step plate side, secure using (2) 6mm x 25mm hex head bolts, (4) flat washers and (2) nylock nuts. Secure the side of the support bracket to main bracket using (1) 8mm hex head bolt, (2) flat washers and (1) nylock nut.
7. Use provided 8mm & 6mm hardware referencing above in steps 5 and 6 for the installation of the driver / passenger side step brackets and support brackets. Front step brackets center step brackets and the rear step brackets are shown in **Photos 4, 5 and 6.**

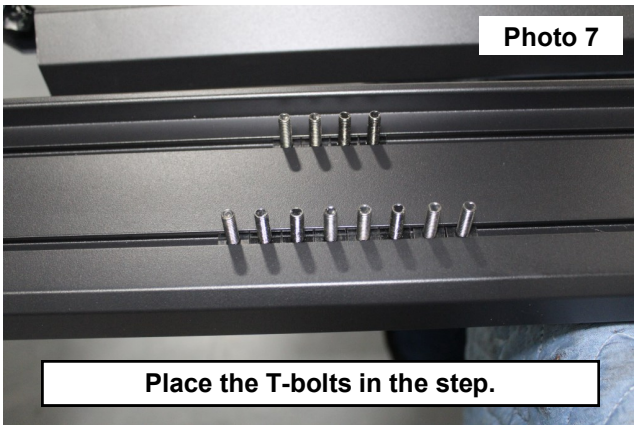


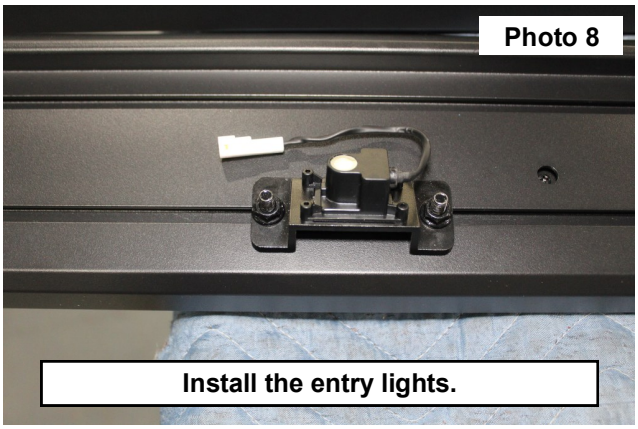




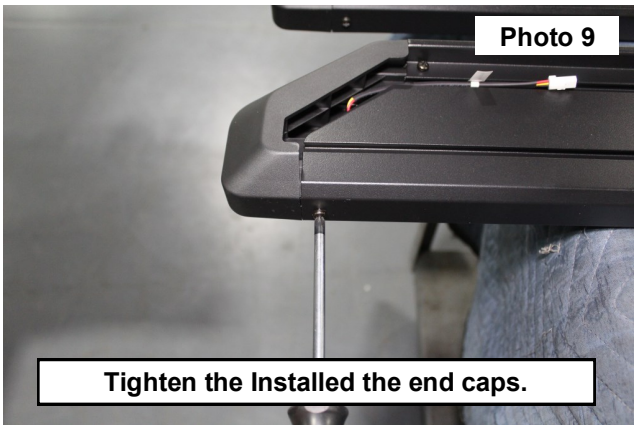


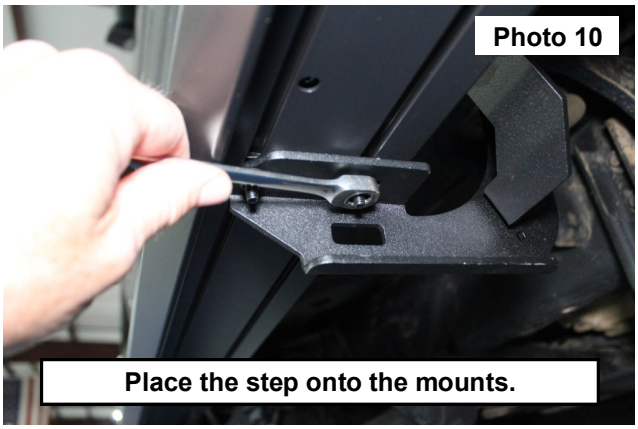
8. Locate the T-Bolts into the step. (8) bolts will be installed into the track on the body side of the step. (3) bolts will be installed on the outer side of the step. **See Photo 7.**
9. Place the (2) entry lights onto (2) of the bolts and secure using (2) of the flange nuts. The (2) entry lights will need to be in-between the front and center step mount and the in-between center and rear step mount and pointed in the outward position. **See Photo 8.**



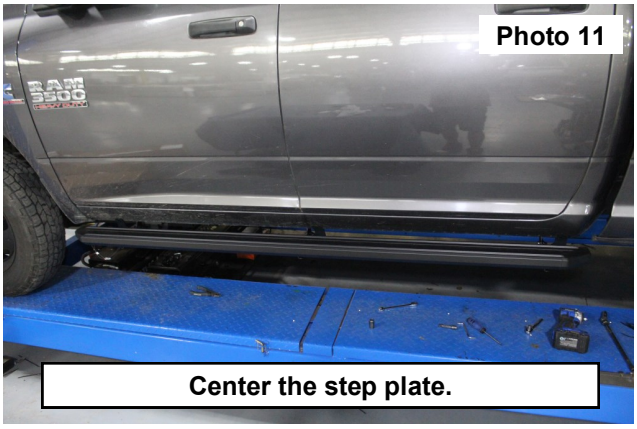


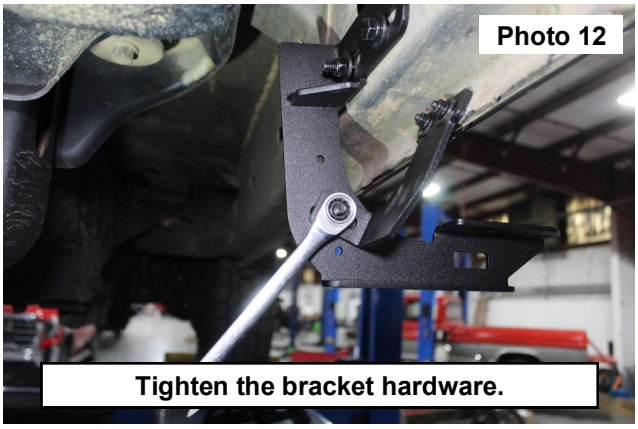
10. Install and secure the end caps of the step using (2) set screws. **See Photo 9.**
11. Place the step onto the mounting brackets. Placing the hardware into the slotted holes. Secure the step using the supplied flange nuts on each of the mounting brackets. **See Photo 10.**



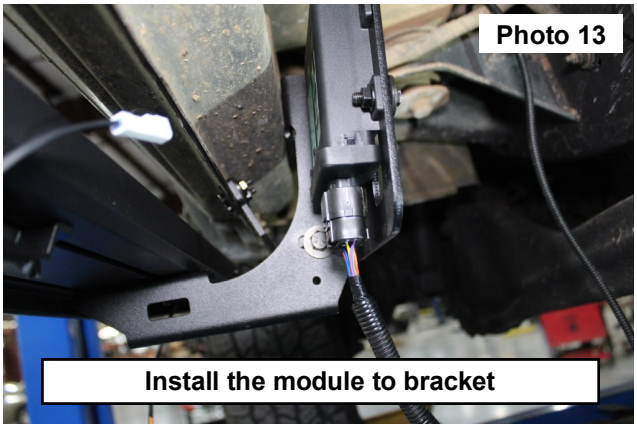


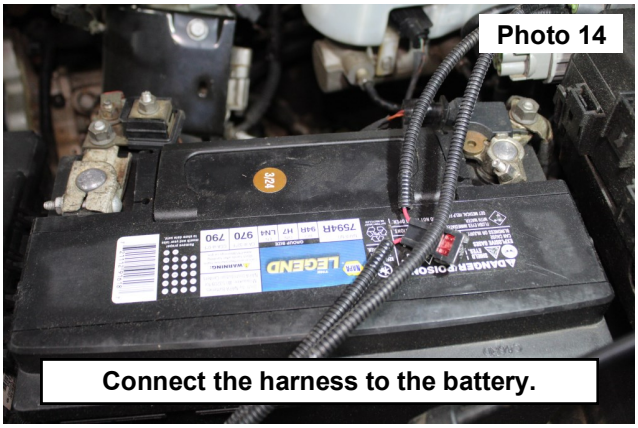
12. Center the step to the body of the vehicle and tighten all step hardware. **See Photos 11 and 12.**
13. Install the opposite side step onto the mounting brackets.



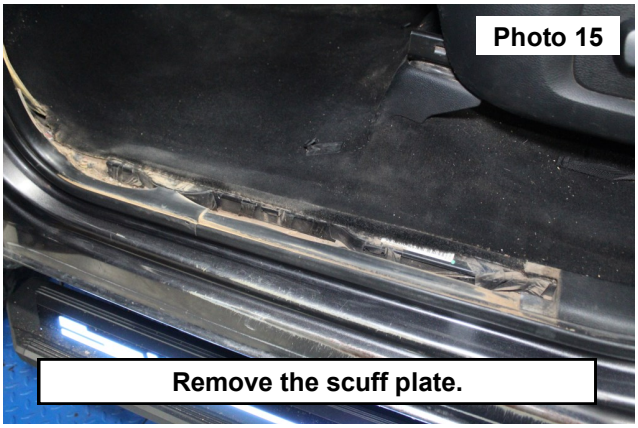


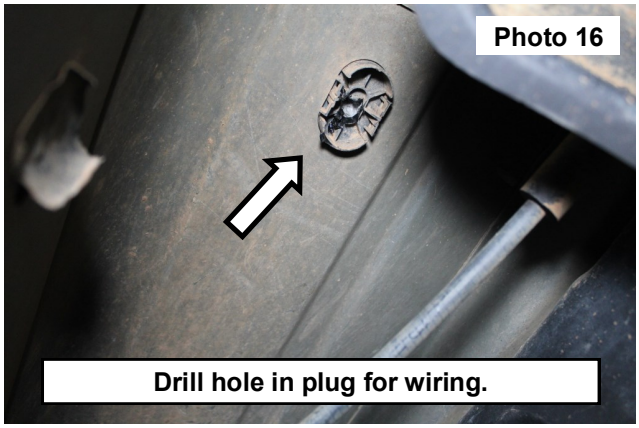
14. Install the module to the driver front step bracket, Then connect the light wiring harness to the module. **See Photo 13.**
15. Connect the negative power wires to the battery. **See Photo 14.**



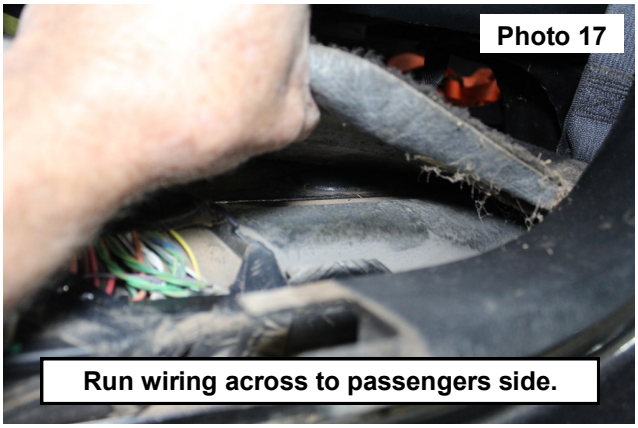


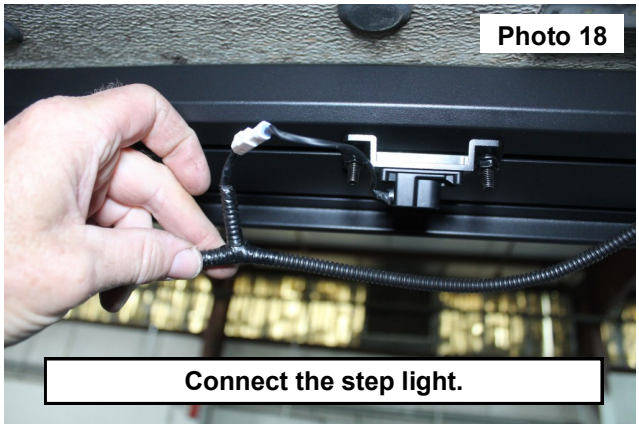
16. Remove the scuff plate and lift the carpet to expose the floor of the cab. Drill a 3/8” hole into the plug (Plug Shown From The Underside of the Vehicle) for an access hole for the light wiring harness plugs. **See Photos 15 and 16.**



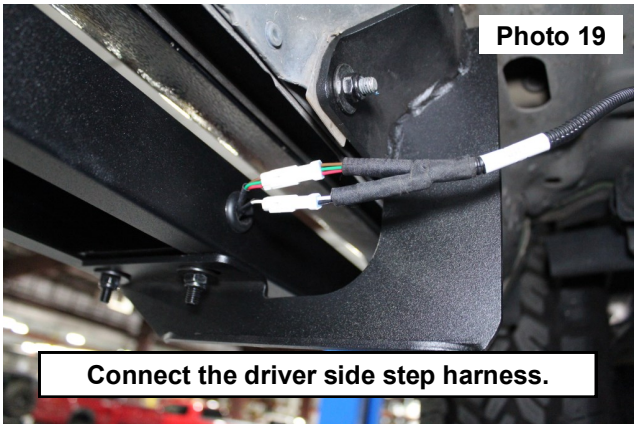


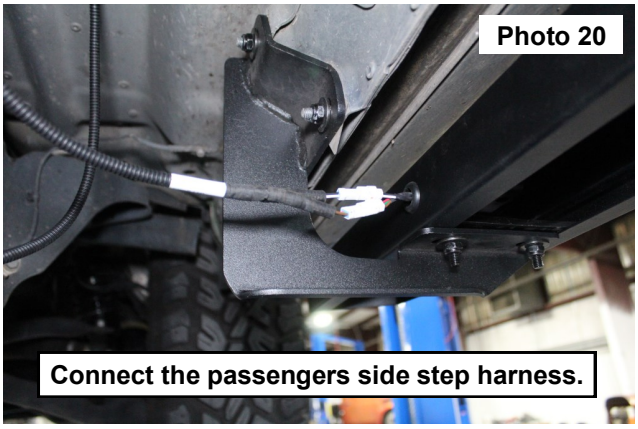
17. Route the wires across to the passengers side and place inside the cab under the carpet. **See Photo 17.**
18. Plug the harness to the (4) entry light lights on each side of the vehicle. **See Photo 18.**



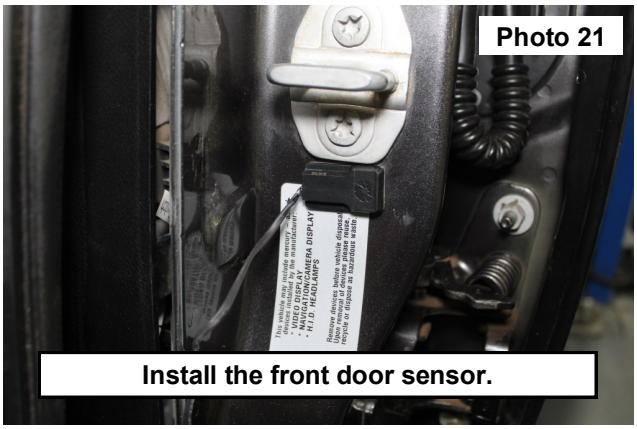


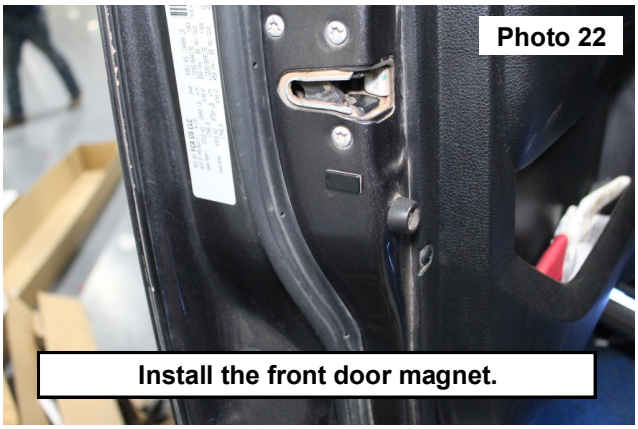
19. Connect the wiring harness to the step light harness on the driver and passengers side. **See Photos 19 and 20.**





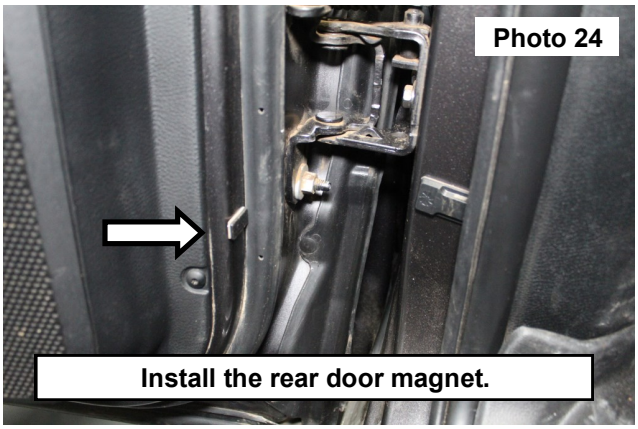
20. Select a location by the latch on the front door and place the sensor. Use the double sided tape on the back of the sensor to apply to the cab of the vehicle. **See Photo 21.** Repeat on passengers side.
21. Align the door magnet with the sensor applied by the latch. ***Notes:*** The magnet can be taped onto the door to set the correct placement before the double sided tape is applied. Place the magnet onto the door using the double sided tape on the back of the magnet. **See Photo 22.** Repeat on passengers side.



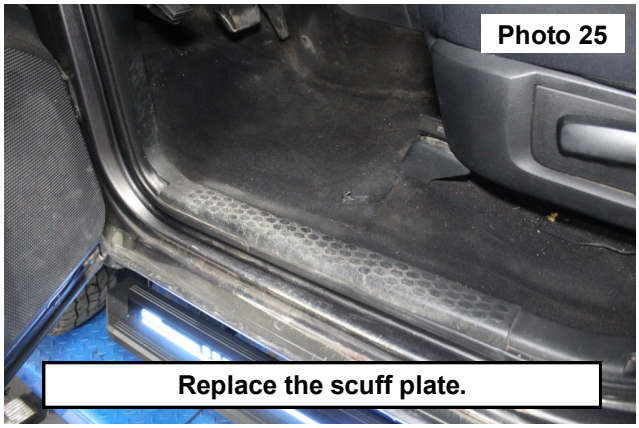


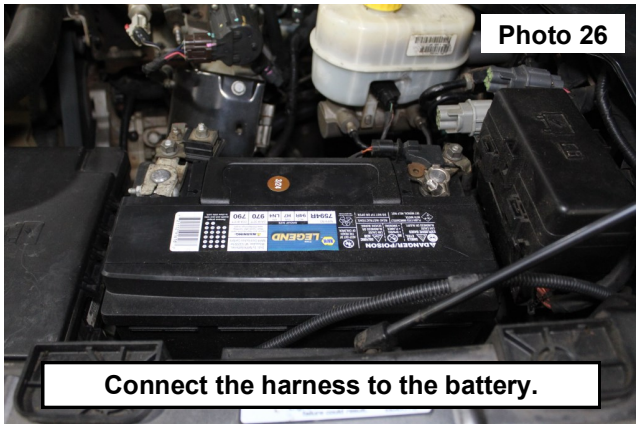
22. Select a location for the rear door sensor under the door check stop limiter and place the sensor to the cab of the vehicle. Use the double sided tape on the back of the sensor to apply to the cab of the vehicle. **See Photo 23.** Repeat on passengers side.
23. Align the door magnet with the rear sensor. ***Notes:*** The magnet can be taped onto the door to set the correct placement before the double sided tape is applied. Place the magnet onto the door using the double sided tape on the back of the magnet. **See Photo 24.** Repeat on passengers side.





24. Replace the interior scuff plate. Repeat on passengers side. **See Photo 25.**
25. Connect the positive power wire to the battery. **See Photo 26.**





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