BARRICADE

# ACCESS POWER RUNNING BOARDS

## (2014-2018 SILVERADO / SIERRA 1500)
## (2015-2019 SILVERADO / SIERRA 2500HD/3500HD)

INSTALLATION INSTRUCTIONS

### CONTENTS

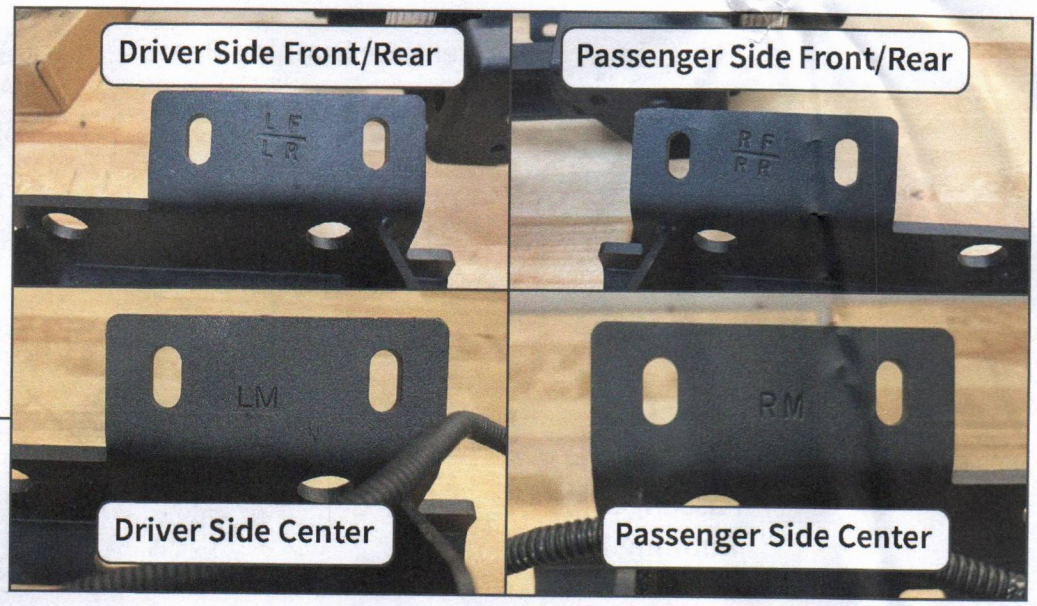
(1) LH Running Board
(1) RH Running Board
(2) LH Front/Rear Mounting Brackets
(1) LH Center Mounting Bracket w/ Motor
(2) RH Front/Rear Mounting Brackets
(1) RH Center Mounting Bracket w/ Motor
(1) Main Wiring Harness
(4) Door Switches w/ Magnets
(1) LH Motor Harness Lead
(1) RH Motor Harness Lead
(1) Control Module
(1) Wire Harness Fishing Lead
(18) M8x1.25 Flange Nuts
(18) M8 Lock Washers
(18) M8 Flat Washers
(12) M6x1.00 x 25mm Allen Bolts
(12) M6 Lock Washers
(10) Mounting Shims
(20) Cable Ties

### TOOLS REQUIRED

13mm Wrench/Socket
6mm Allen Socket/Key
Ratchet
Phillips Screwdriver
Plastic Pry Tool
Electrical Tape
Razor Knife
Silicone Sealant

SKU # S205720 / S205721

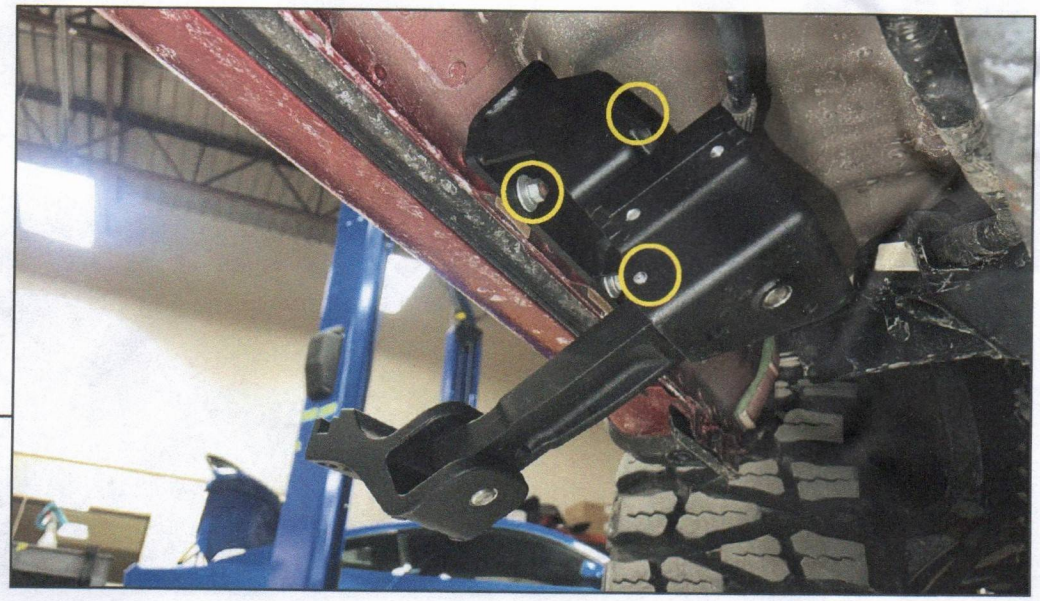
## STEP 1




Lay out and identify all components. Identify the LH/RH, as well as Front/Rear mounting brackets using the diagram above.

The bracket will bolt directly to the vehicle mounting points.

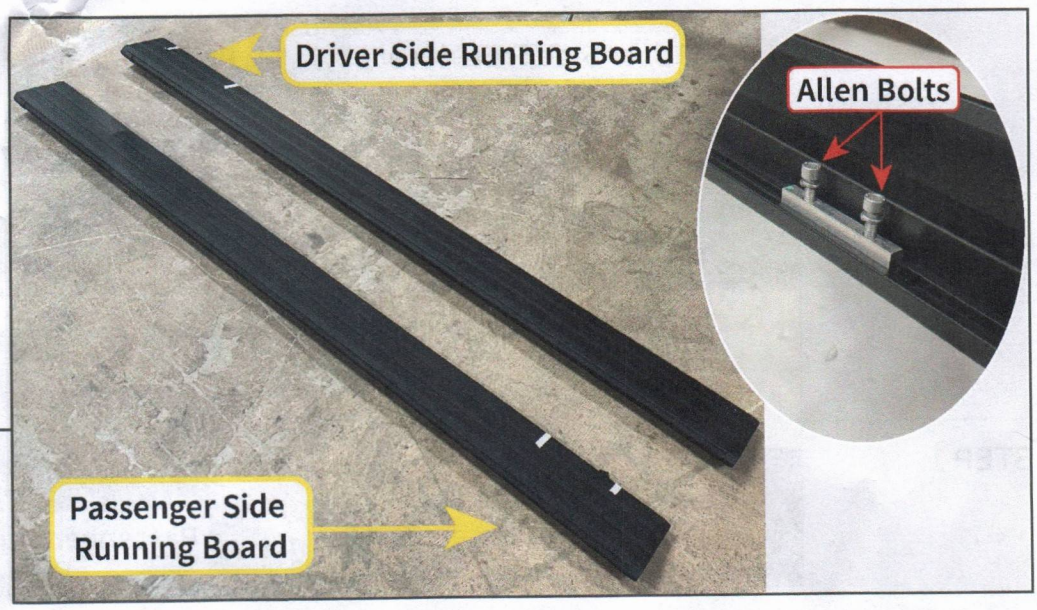
## STEP 2



Using the included (3) M8 x 25mm bolts and (3) M8 flat washers, loosely secure each mounting bracket to the vehicle M8 threaded bolt holes in the vehicle rocker panels. Allow the brackets to remain loose to allow for adjust-ability later.

Note: Do not force the center mounting bracket to fold down. The running board will mount to the brackets in the folded up position.

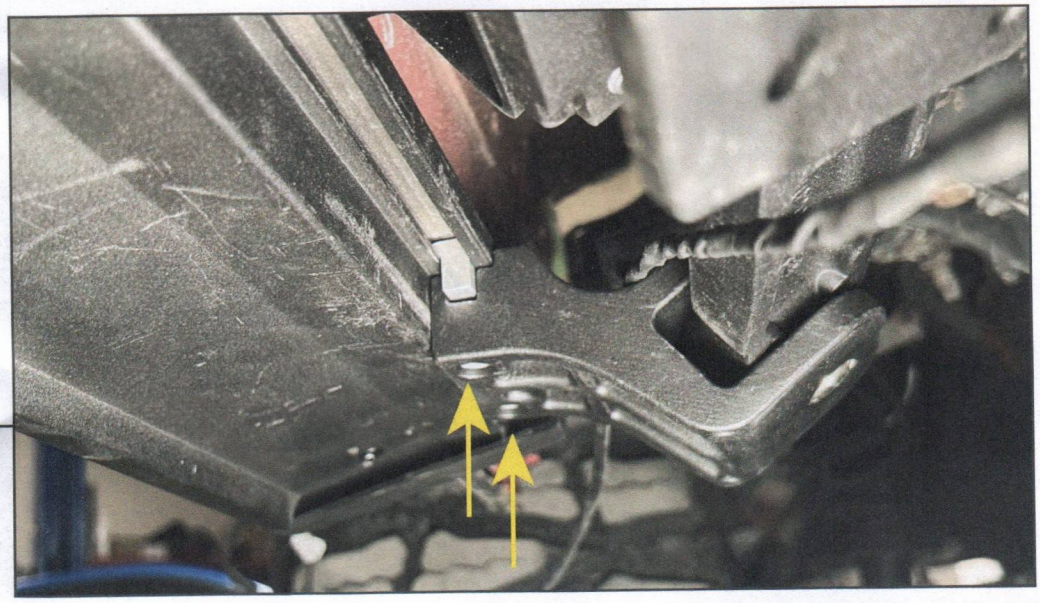
## STEP 3




Lay out and identify the running boards. Each running board is side specific. The side of the running board with the wire leads will fit towards the front of the vehicle.

Remove the pre-installed (6) Allen bolts from the sliding mounting blocks.

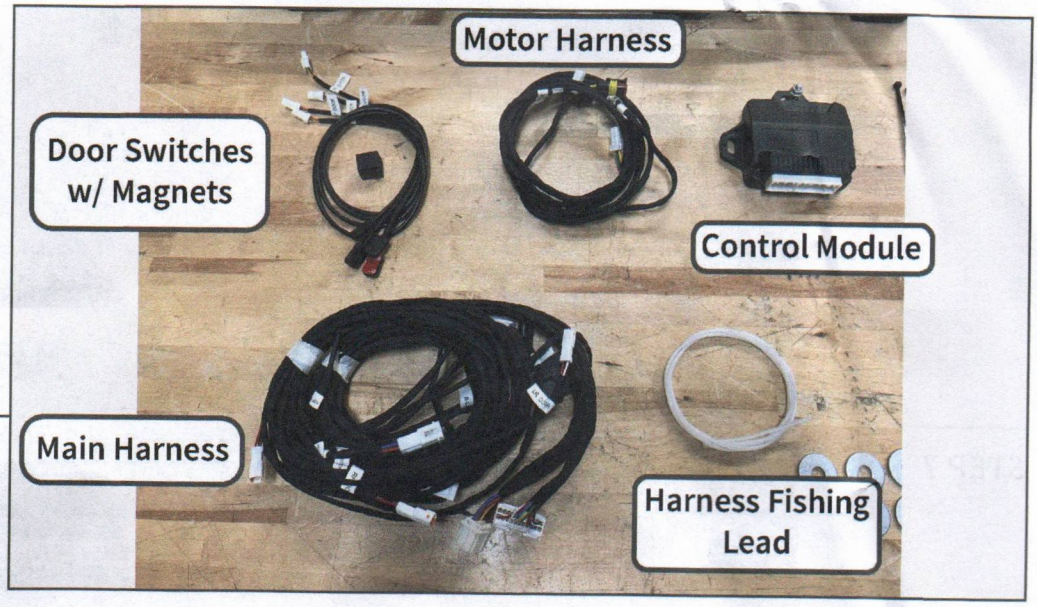
## STEP 4



With a helper, fit the running board to the mounting brackets. Align the sliding mounting blocks on the running board into the mounting bracket, and loosely secure using the previously removed (6) Allen bolts. The running board can be adjusted to best fit the vehicle. Adjust as necessary for best fit and tighten the Allen bolts. The running board LED wiring will be close to the center mounting bracket.

If necessary, the (10) M8 shims can be used between the body and the mounting brackets to space the running board mounting brackets away from the body to allow better fitment.

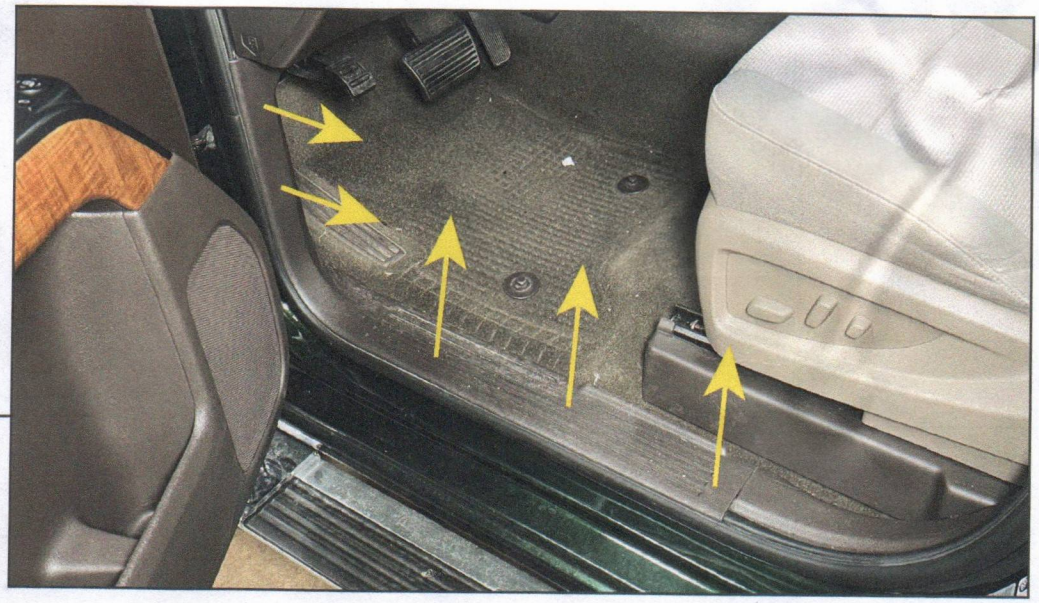
## STEP 5




Lay out and identify the wiring components. Each connector of the harness is labeled for the specific mounting point on the vehicle.

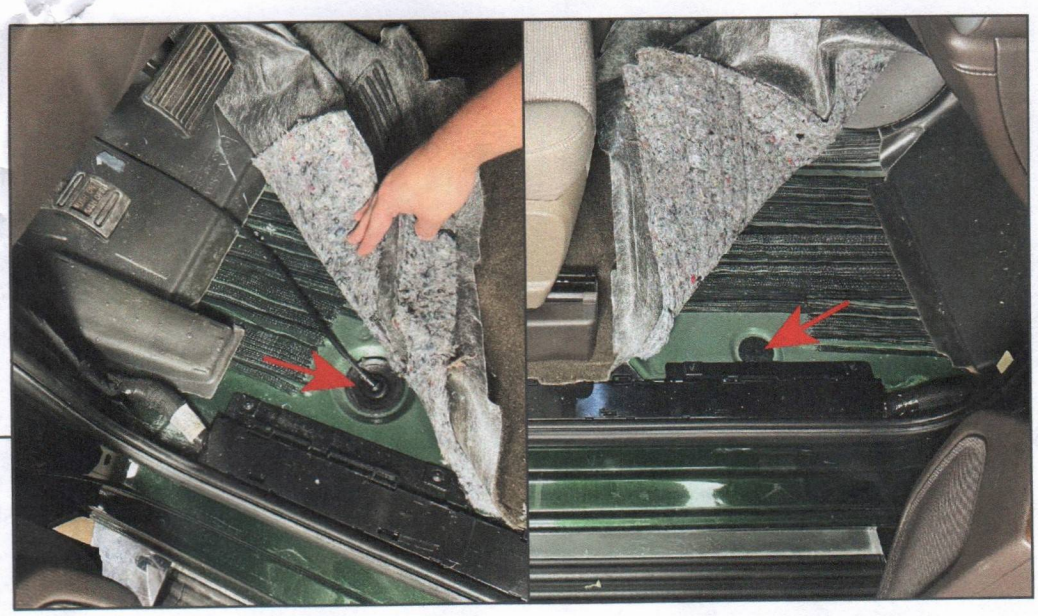
When routing each wire lead, take your time to neatly route each wire lead. This is crucial to proper harness fitment.

## STEP 6



Lift the door entry panel from the vehicle floor, and pull backwards to disengage from the firewall and set aside. Repeat this step for the remaining (3) vehicle door entry panels.
**Note:** The trim panels are only secured using press-in metal clips. Moderate force will be required to dislodge the panel from the body.

Repeat this step to the opposite side of the vehicle.



## STEP 7

Locate the pre-installed floor grommets in the vehicle floor, if equipped. If the grommet is not pre-drilled, drill a 1/2" hole in the grommet (RH Side). Cut a "X" in the grommet (LH Side) to allow the running board harness to route to the previously mounted running boards.
**Note:** At the end of the installation when all harnesses are neatly routed, silicone will be used to seal the floor grommets & harness.

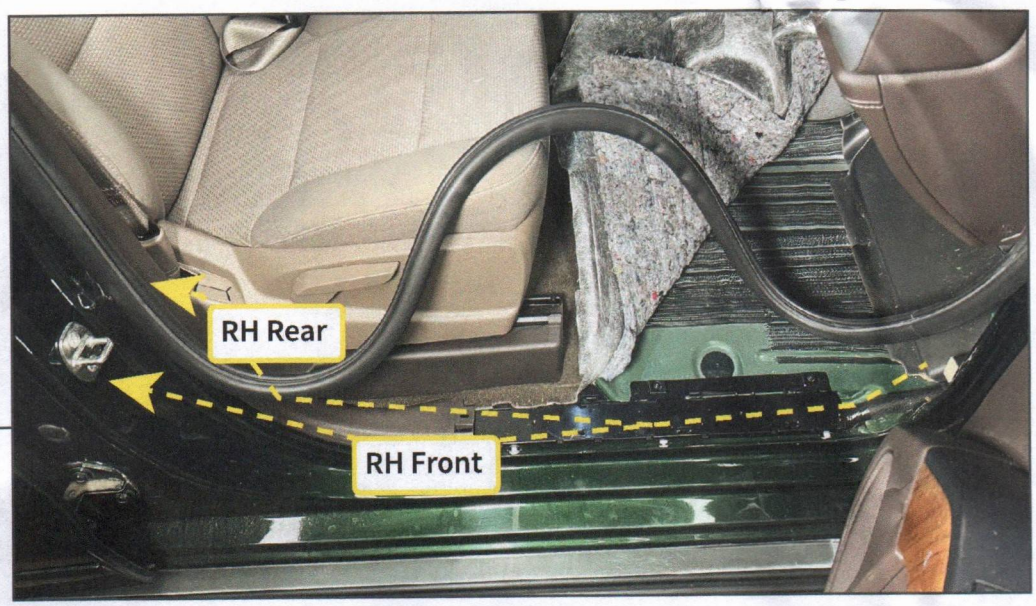
Repeat this step to the opposite side of the vehicle.

## STEP 8

Begin with the main wiring harness on the driver side (LH) of the vehicle. Route the RH labeled wire leads along the vehicle floor under the carpet and behind the bottom of the dashboard.

For easiest routing method, push the included (1) harness fishing lead from the passenger side of the dashboard to the driver side of the dashboard. Once the fishing lead is accessible on the driver side, use electrical tape to secure the RH wire leads to the fishing lead, and then pull the fishing lead towards the passenger side to pull the wire leads.

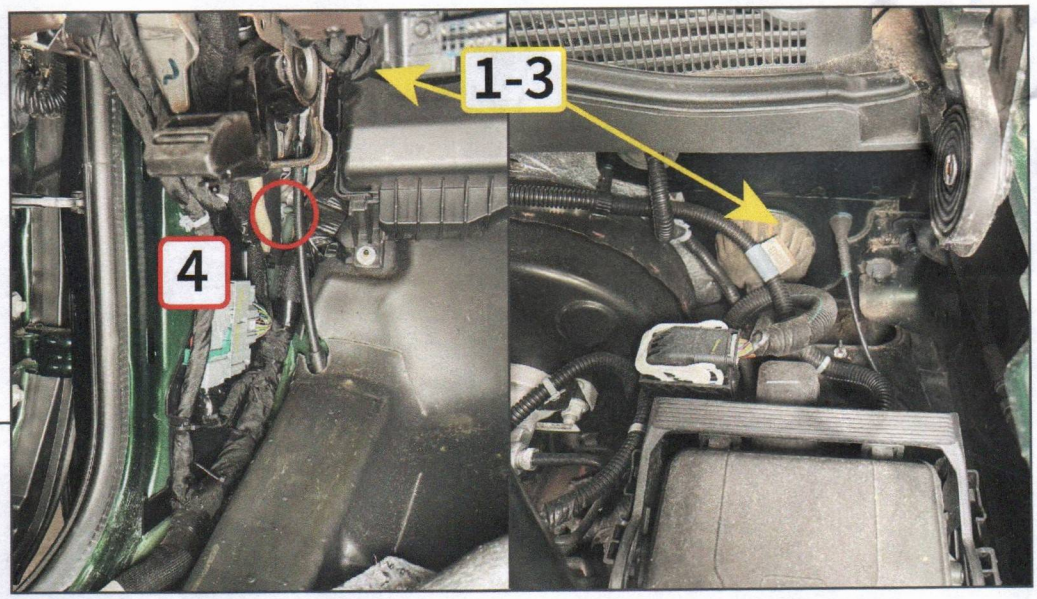
## STEP 9




Pull the door entry weatherstripping upwards to gain access below the trim panels. Neatly route the wiring harnesses under the carpet.
-Route the door switch wire leads to the appropriate door along the B-Pillar. Both of the RH side magnet switches will secure to the B-Pillar.
-Route the running board power leads through the floorboard grommet.

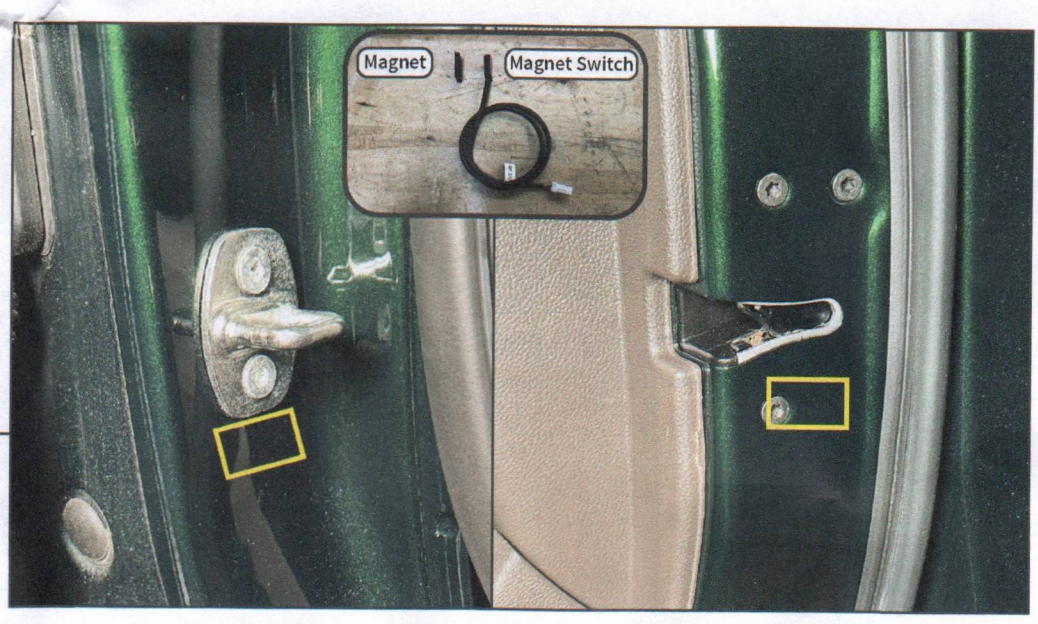
Repeat this step on the driver side of the vehicle once the passenger side is fully routed.

## STEP 10




- Under the dashboard, secure the module to the vehicle using the module pre-installed M6 hardware or OEM hardware.
- Cut a small slit in the firewall grommet above the vehicle modules to prepare for the 12V+ wire lead routing to the battery [2].
- Route the 12V+ lead through the previously cut firewall grommet. Then, plug in the fused section of the lead, and route the lead to the battery [3].
- Route the Ground lead to the vehicle parking brake along the floor. Loosen (1) 10mm bolt, fit the terminal connector into the bolt, and tighten the bolt into place [4].

## STEP 11

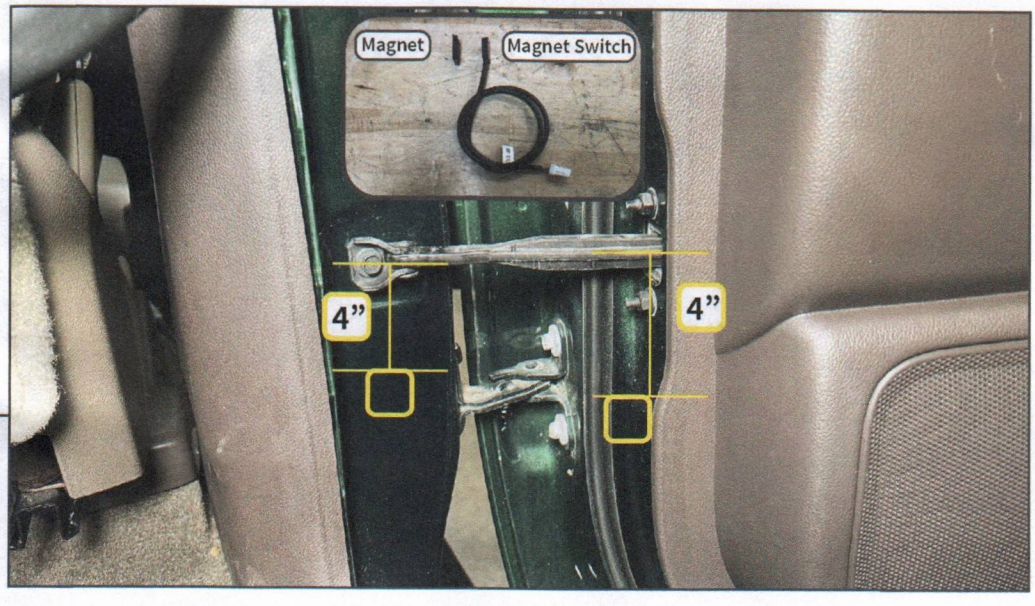



**Front Door:** Clean the vehicle door opening & vehicle door under the door limiting bar using (1) alcohol prep pad, and allow to fully dry.

**Door Switch:** Peel the tape backing, and adhere the switch under the door striker.
**Magnet:** Peel the tape backing, and adhere the magnet between the lower latch Torx bolts.

Plug in the door switch, and re-install the weather-seal and door sill trim to the door opening.

## STEP 12




**Rear Door:** Clean the vehicle door opening & vehicle door under the door limiting bar using (1) alcohol prep pad, and allow to fully dry.

**Door Switch:** Peel the tape backing, and adhere the switch 4” below the door limiting strap.
**Magnet:** Peel the tape backing, and adhere the magnet 4” below the door limiting strap.

Plug in the door switch, and re-install the weather-seal and door sill trim to the door opening.


## STEP 13

Connect the 12V+ wire lead to the Positive (+) battery terminal. Test each door to ensure side step functionality. Route all wiring using the included cable ties and wire retainers.

Installation is now complete.

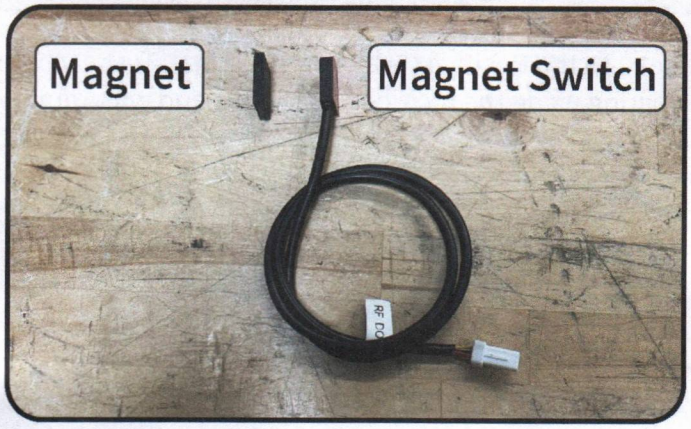
# Installation Notes

## Magnet Switches

- With the magnet switches plugged into the main harness, the step assembly will extend downwards. The steps will retract to the vehicle body when the magnets meet the switches.
  Magnet & Switch Together = Step Retract to Body (Door Closed)
  Magnet & Switch Apart = Step Extended from Body (Door Open)

- If the magnets & switches are not properly aligned, the step assembly will remain in the extended position even with the doors closed. The step assembly will retract when all magnets align to each switch on the same side of the vehicle with the entire step harness plugged in.

- The magnet switches may need slight adjustments during installation. It is recommended to install the switches & magnets to the vehicle body using masking tape initially, and then testing the step functionality to ensure proper magnet switch alignment before permanently adhering the magnets and switches to the vehicle.




## Step Adjustment/Alignment

- Aligning the step/brackets is critical for motor life. The following steps will ensure the brackets are aligned for smooth motor operation. Failure to do so can cause premature motor failure.

- During the side step installation to the mounting brackets, ensure all (6) Allen bolts are loose, and then open the door to extend the step assembly & brackets. Slide the assembly along the brackets to best align to the vehicle in the extended position.

- Close the vehicle door to retract the step assembly, but while the step is retracting, assist the step into position while pushing/pulling the step to ensure the mounting points are fully engaged in each bracket. Occassionally, the step assembly needs these adjustment to fully seat to provide smooth movement.

- Once the step is fully seated into the vehicle brackets, fully tighten the (6) Allen bolts.