

APPLICATION

Chevy Tahoe / GMC Yukon / Cadillac Escalade *
Chevy Suburban / GMC Yukon XL / Escalade ESV
Chevy Avalanche / Escalade EXT

MODEL YR

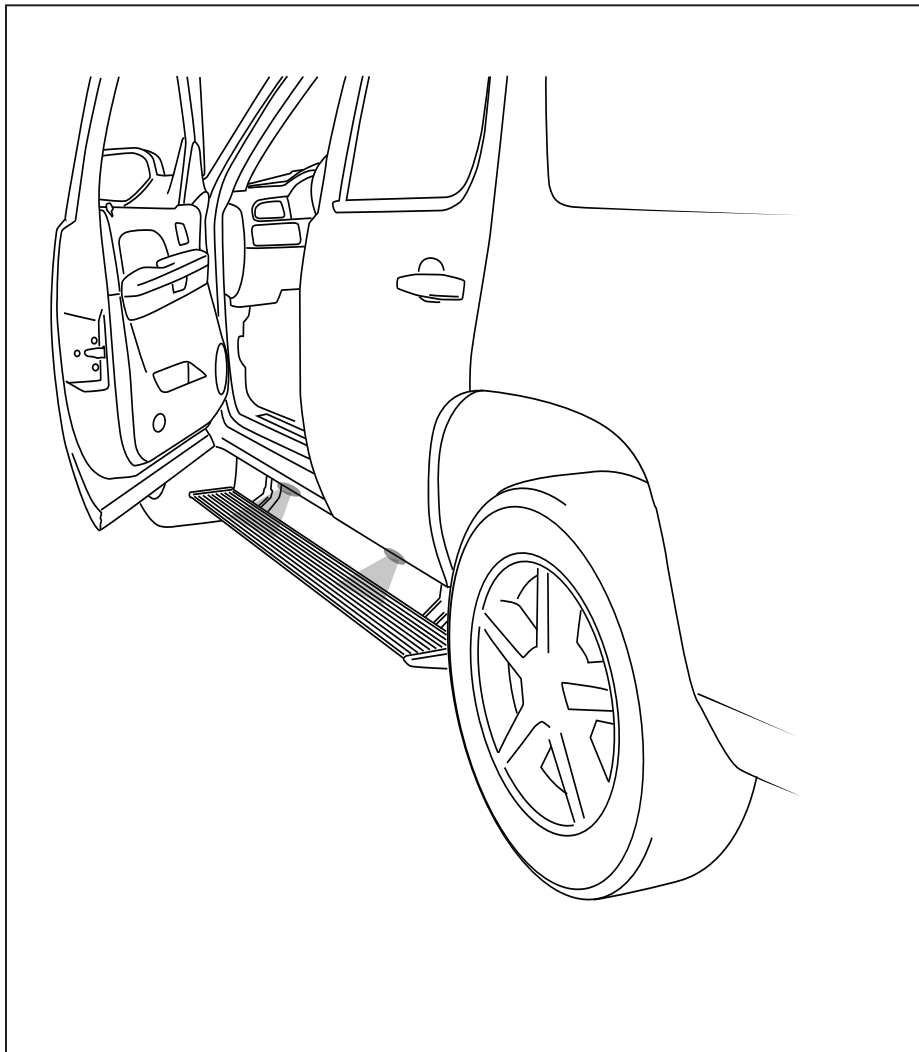
2007 - 2014
2007 - 2014
2007 - 2014

PART

75125-01A
75125-01A
75125-01A

**Modification required to running board assembly. See Item 1 on page 2.*

INSTALLATION GUIDE



INSTALLATION TIME

3-5 Hours

Professional installation recommended

SKILL LEVEL



4= Experienced

TOOLS REQUIRED

- ☐ Safety goggles
- ☐ Measuring tape
- ☐ Flat blade screwdriver
- ☐ Phillips head screwdriver
- ☐ Right angle drill
- ☐ 9/32" drill bit
- ☐ 13 mm socket
- ☐ 10 mm socket
- ☐ 7 mm socket
- ☐ Ratchet wrench and extension
- ☐ 13mm end wrench
- ☐ Wire stripper / cutter
- ☐ Pliers
- ☐ Corrosion inhibitor
- ☐ 3/16" hex key wrench (allen wrench)
- ☐ 5mm hex key wrench (allen wrench)
- ☐ Electrical tape
- ☐ T-25 Torx
- ☐ Heat Gun
- ☐ Weather proof caulking (silicone sealer)

WARRANTY

5-Year Limited Warranty

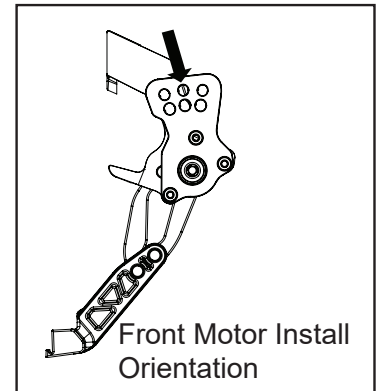
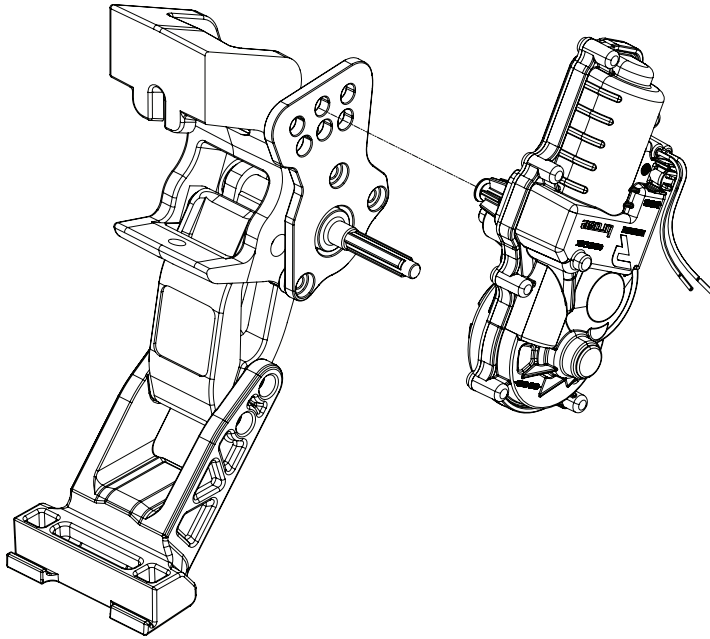
REALTRUCK TECH SUPPORT 1-888-983-2204 (Press 2) Monday - Friday, 8:00 AM - 5:00 PM EST

Designed and manufactured by RealTruck AMP Research® • Made in Mexico
Patent Protected. Please see our product site for applicable patents. www.realtruck.com/b/amp-research/
© RealTruck Group, Inc., 2026 • Five-year limited warranty. • Professional installation is recommended.

INSTALLATION GUIDE

Attaching motor to Linkage assembly

The motors must be attached to the front Linkages before installation. The Drivers side motor mounts on the opposite side of the linkage as the Passenger side motor does.



CAUTION: HANDLE WITH CARE.

To ensure our customers receive all components with full integrity, we pack the motors separate from their Linkage assemblies. This requires that the installer position and fasten the motor before continuing with the install. Please follow the instructions below and handle the assembly carefully.

CAUTION: Dropping the assembly or any excessive impact MAY cause damage to the motor.

Instructions:

1. Slide motor on to drive shaft. **Note: Make sure to fully seat motor prior to next step.**
2. Fasten motor to the motor mounting plate using supplied PT Screw with T-25 Torx driver. Tighten screw to 60 in-lbs (6.8 N·m). **Do not over torque.**

Note:

The motor and shaft have only three possible positions. Depending on the current position of the motor, it may be necessary to power it in order to align it correctly with the linkage and shaft during assembly so that the motor can be mounted to the mounting plate.

To do this:

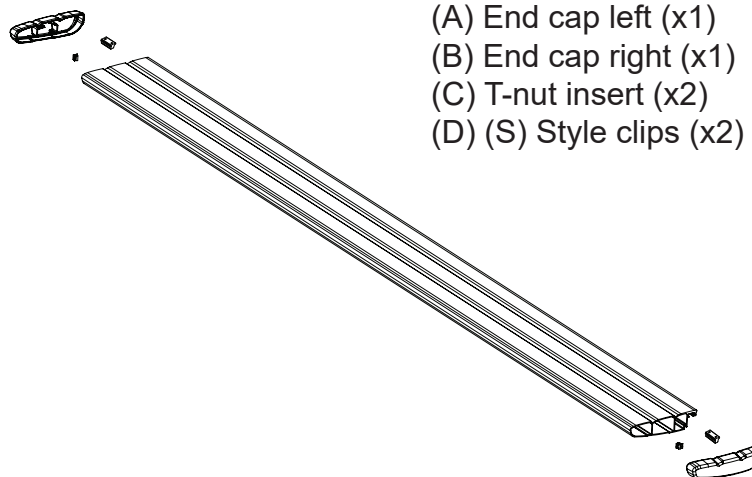
1. Power up the motor.
2. Open the door to allow the motor to spin and reposition.
3. Once the motor times out, remove the fuse.
4. Assemble the motor onto the shaft.
5. Fasten motor to mounting plate.

This process may need to be repeated to achieve the correct alignment.

Note: Some Applications require modification

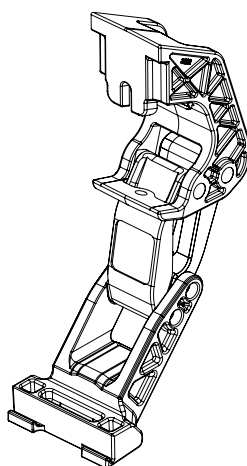
Application	Cut Length
- Suburban, Yukon XL, Avalanche, Escalade EXT/ESV	79" (No Modification Required)
-Tahoe, Yukon, Escalade	72" (Trim 7")

PARTS LIST AND HARDWARE IDENTIFICATION



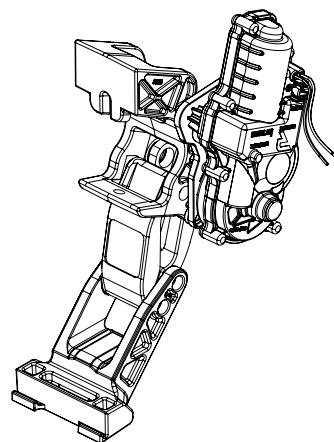
① x2

Running board assembly



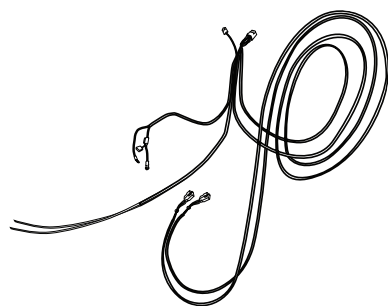
② x2

Idler linkage assembly



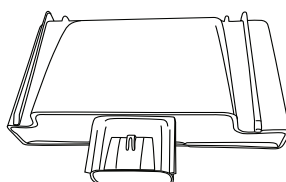
③ x2

Motor linkage assembly



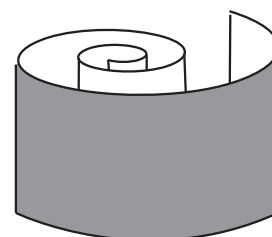
④

Wire harness



⑤

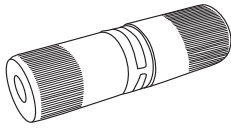
Controller SSA



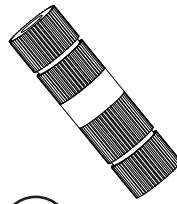
⑥

Rubber

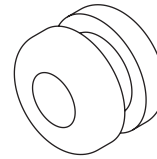
PARTS LIST AND HARDWARE IDENTIFICATION



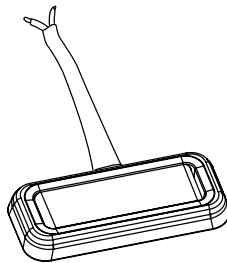
7 x4
Posi-Tite®



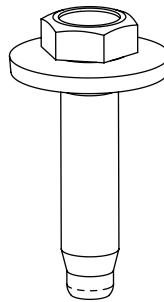
8 x4
Posi-Tap™



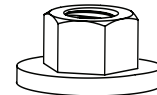
9
Grommet



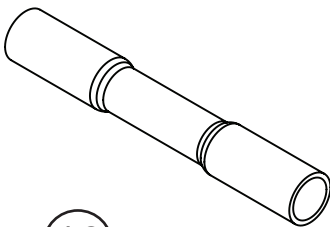
10 x4
LED Lamp



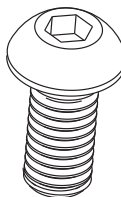
11 x8
Conical Washer Bolt



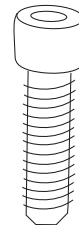
12 x8
Nut with Conical Washer



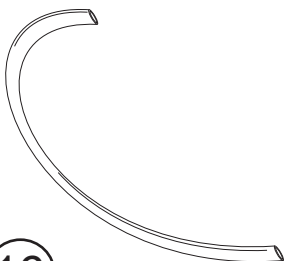
13 x8
Butt Connector



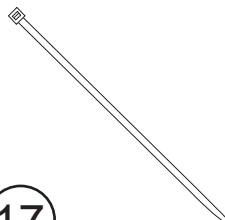
14 x4
Button Head Bolt



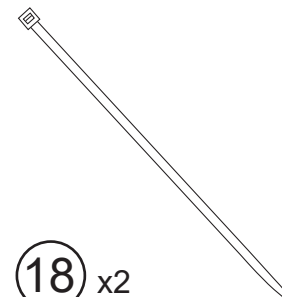
15 x8
Socket Cap Screw



16
Tubing (Installation Tool)



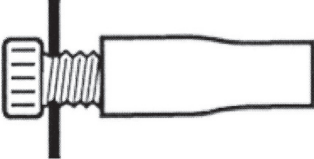
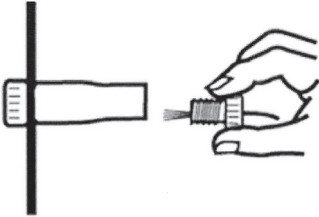
17 x20
Cable tie (7")



18 x2
Cable tie (11")

WIRING GUIDE / General Instructions

Posi-Tap™ installation instructions

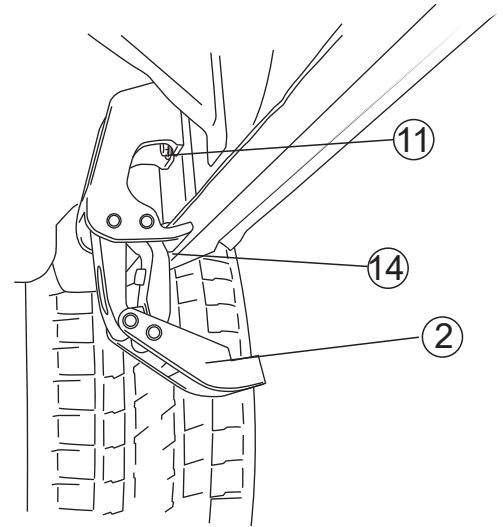
 1. Insert	 2. Tighten	 3. Strip 3/8"
 4. Insert & Tighten	 For two or more wires twist.	Posi-Tap™ Patents: 5,228,875; 5,695,369; 5,868,589, 2,708. Other patents pending

CAUTION

- ☐ Handle the motor and linkage assemblies with care when installing. Dropping can damage motor.
- ☐ Remove fuse from wiring harness during installation. Failure to do so could result in severe electrical shock.

INSTALLATION INSTRUCTIONS

Bolt idler linkage assembly to rearmost mounting tab on Suburban and second to last mounting tab on Tahoe. First thread M8x16 button head screw(14) thru pinch weld, finger tighten. Next thread supplied M8x35 conical washer bolt(11) into upper mount position and finger tighten. Next tighten button head screw(14) to 16ft-lbs (22Nm), Then tighten conical washer bolt(11) to 16ft-lbs (22Nm).

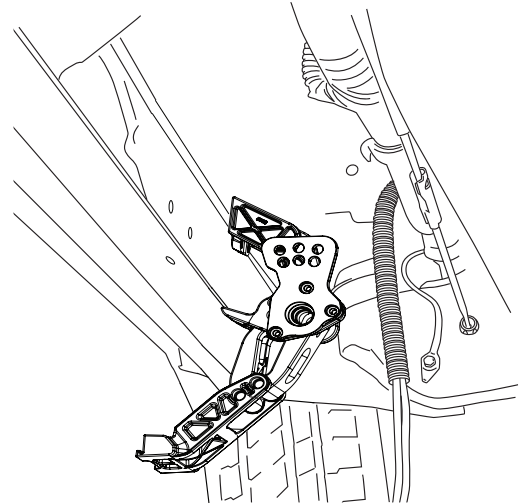


Note: Conical washer nuts(12) are provided for vehicles that may have a stud present on the upper mounting position.

1

Bolt drive linkage assembly to forward most mounting tab. First thread M8x16 button head screw(14) thru pinch weld, finger tighten. Next thread supplied M8x35 conical washer bolt(11) into upper mount position and finger tighten. Next tighten button head screw(14) to 16ft-lbs (22Nm), Then tighten conical washer bolt(11) to 16ft-lbs (22Nm).

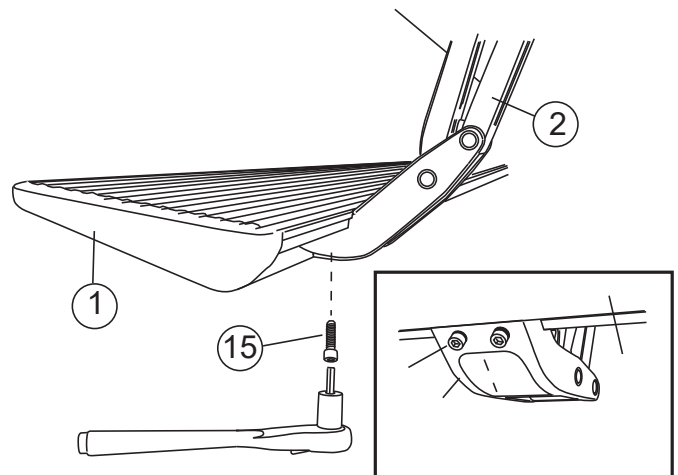
Note: Conical washer nuts(12) are provided for vehicles that may have a stud present on the upper mounting position.



2

Slide mounting T-nut into position. Mount board and tighten fasteners to 10 ft-lbs. Align the end of the board with the rear edge of the back door.

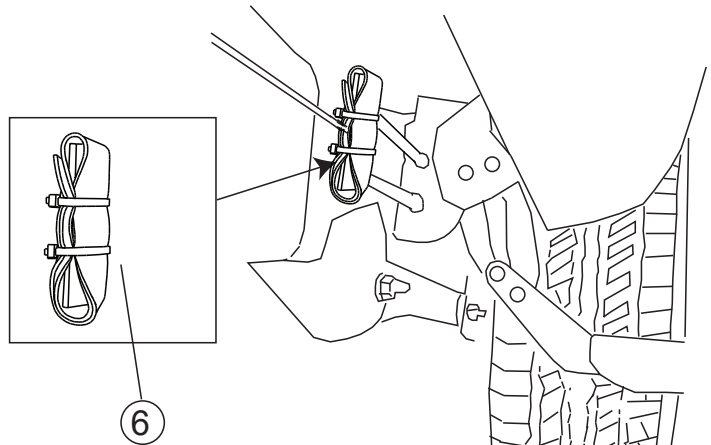
Tighten button head fasteners and M8 nuts on driving and idler linkages to 16 ft-lbs.



3

INSTALLATION INSTRUCTIONS

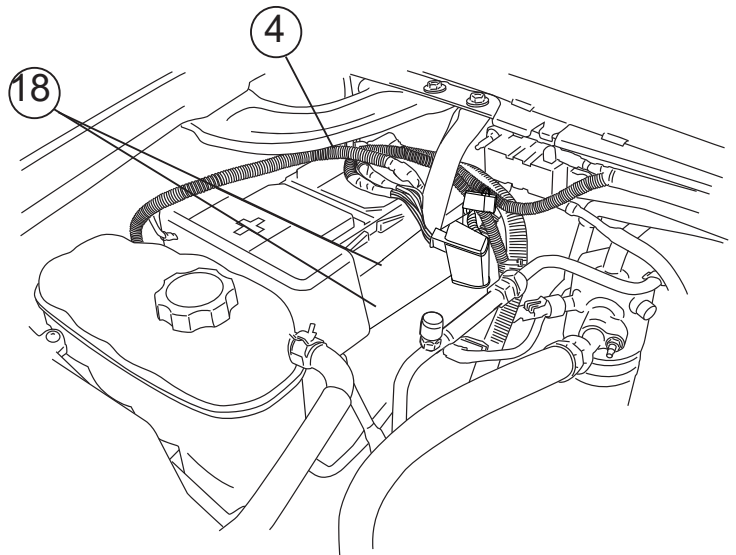
On some vehicles the emergency cable bracket may come in contact with linkage arm. If so, wrap supplied rubber around bracket and secure with two cable ties.



4

Using the two 11" cable ties, mount controller to support arm next to battery.

Plug in wire harness.
(Ensure that locking tabs engage.)

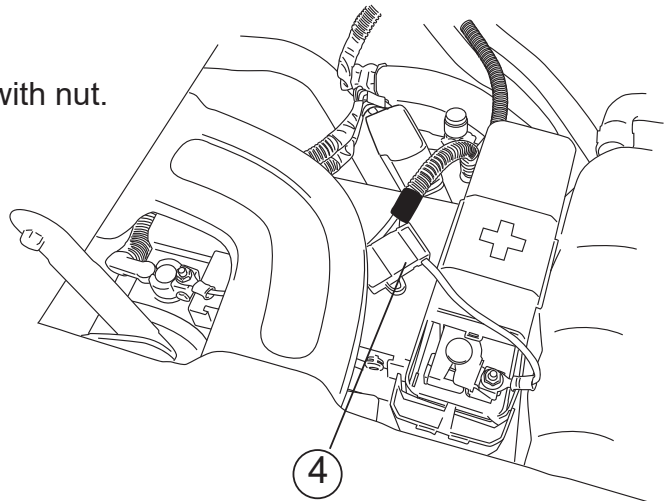


5

Remove power fuse. Attach power lead (RED wire) to positive pole on the battery.

CAUTION: Do not ground wrench when engaged with nut.

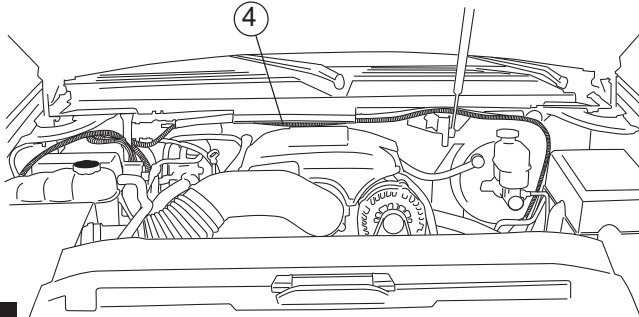
Attach ground lead to negative battery pole.



6

INSTALLATION INSTRUCTIONS

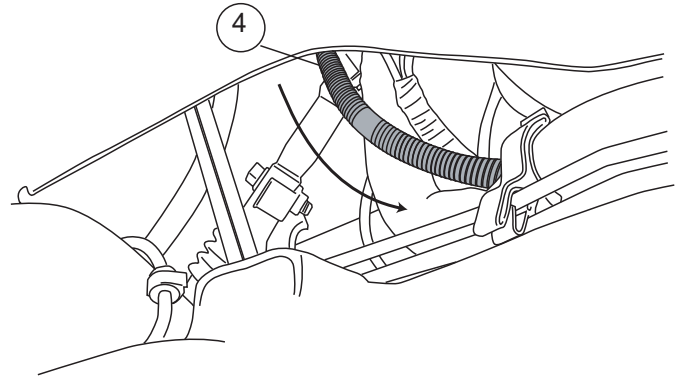
Route long end of wire harness above engine and down through drivers side wheel well. Zip tie harness to cowlings clips on fire wall. Route short end down passengers side.



7

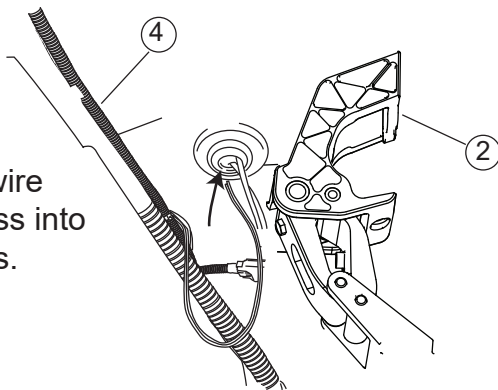
Secure with zip ties.

Route wire harness along the frame. Secure with zip ties.



8

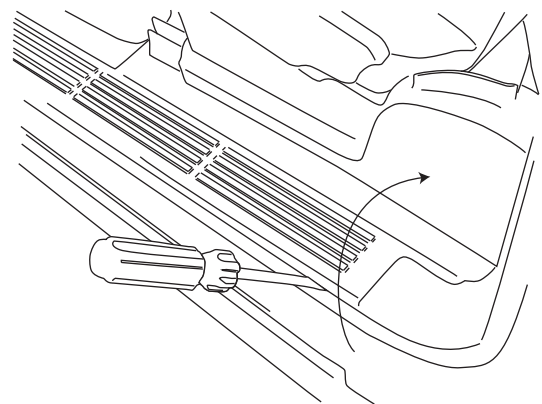
Poke hole through rubber grommet near front door on underside of floor panel with small phillips screwdriver. Push both wires through hole.



9

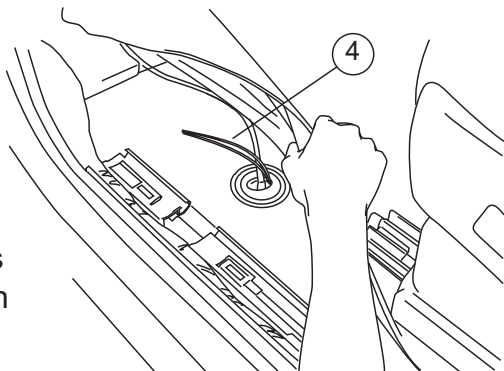
Plug wire harness into motors.

Pop off the threshold cover with screwdriver and remove the kick panel. The panel will slide out from under the seat after fasteners give way.



10

Pull up the carpet and thread both wires through the floor panel (same steps on passenger side EXCEPT drill 9/32" hole in metal and add rubber grommet).



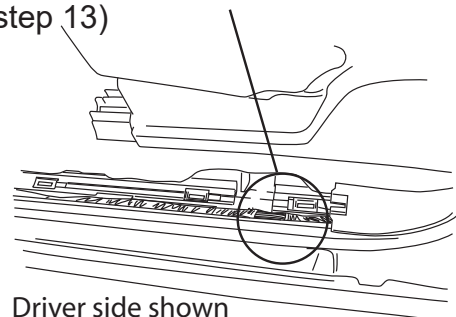
Seal holes with silicon

11

Locate wire loom in door sill. Carefully remove wire wrap and find the trigger wire.

Drivers side: LIGHT BLUE wire with BLACK STRIPE

Passenger side: GREEN wire with BLACK STRIPE. (Locate wire rearward of junction shown in step 13)

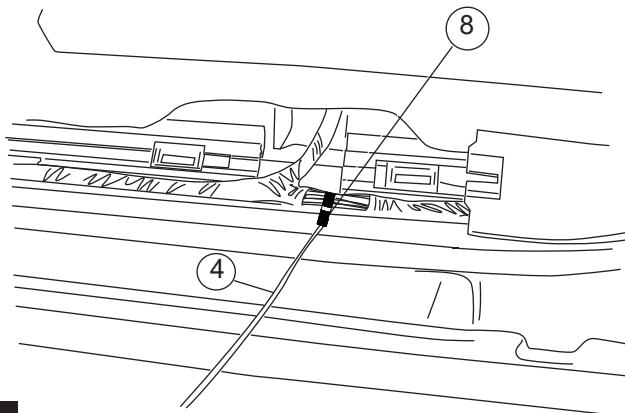


12

Driver side shown

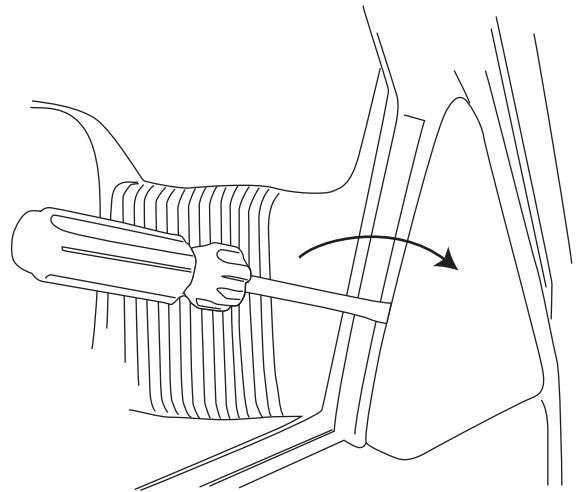
INSTALLATION INSTRUCTIONS

Using Supplied Posi-Tap™ connector, splice shorter trigger wire into wire found in Step 12.



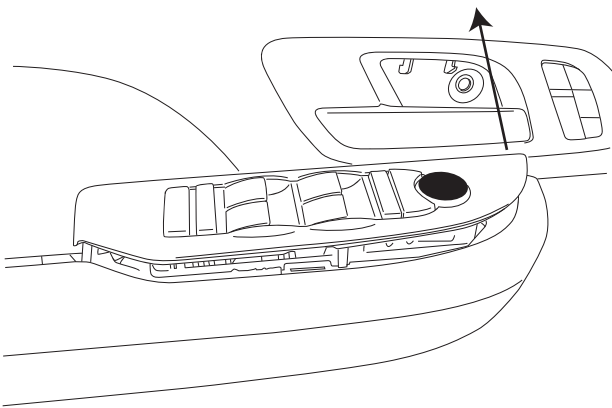
13

Remove plastic trim on door near mirror attachment.



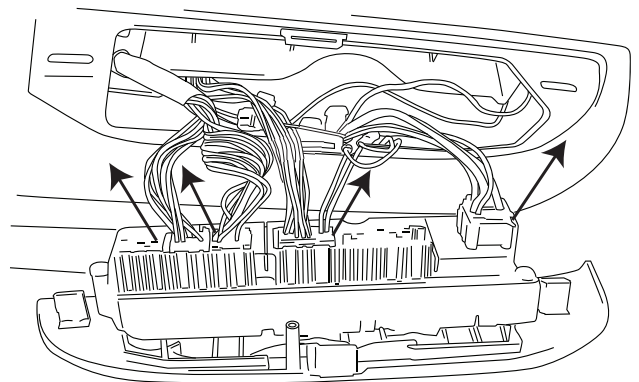
14

Carefully pry up window/ door lock switch plate



15

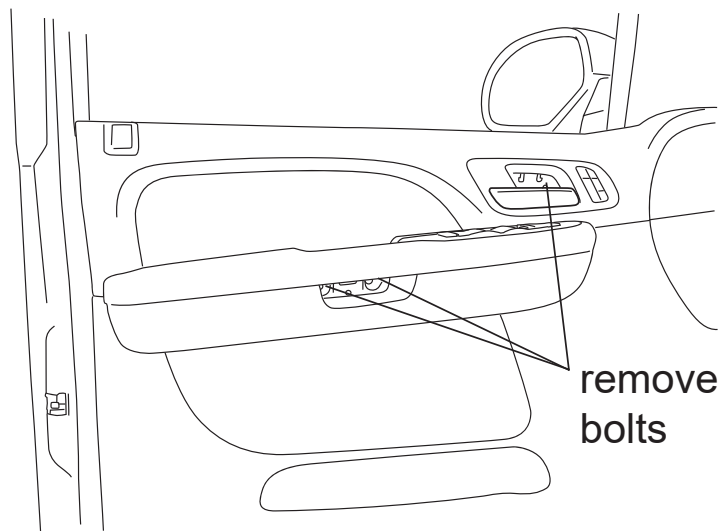
Remove all plugs from switchplate



16

To remove door panel, first pry off door lock and plastic covers by handle and door latch. Remove the 3 door bolts and then remove door panel by prying loose all panel fasteners.

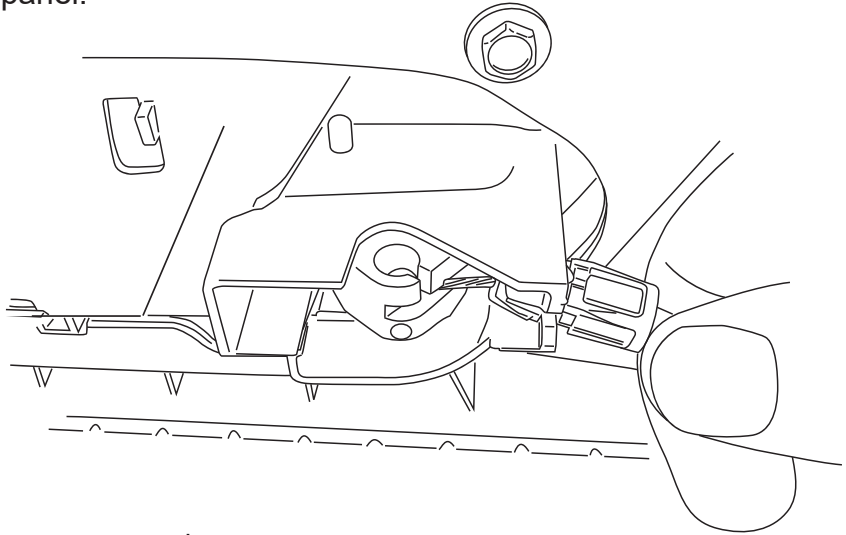
Repeat on passenger side.



17

INSTALLATION INSTRUCTIONS

Remove door latch cable from door panel.
Repeat on passenger side.



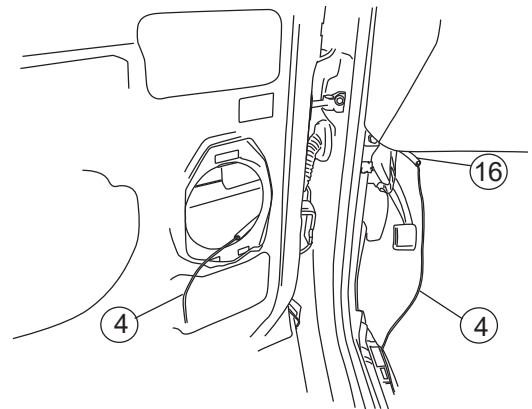
18

Pull back the door weather guard, unbolt speaker and unplug. Thread plastic tube through accordion. **Repeat on passenger side.**



19

Feed longer wire of Step 11 through tube into door and pull out plastic tube on door side. Route wire along harness to switchplate.



20

Locate the brown plug and using supplied Posi-Tap™ connector, splice into trigger wire.

2007-2008 Vehicles:

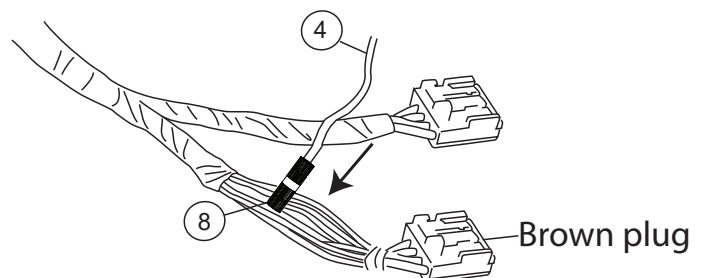
Drivers side: TAN wire- pin #11

Passengers side: LIGHT GREEN wire-pin#11

2009 & up Vehicles:

Drivers side: Gry/Blk wire- pin #13

Passenger side: Tan/Wht wire- pin # 13

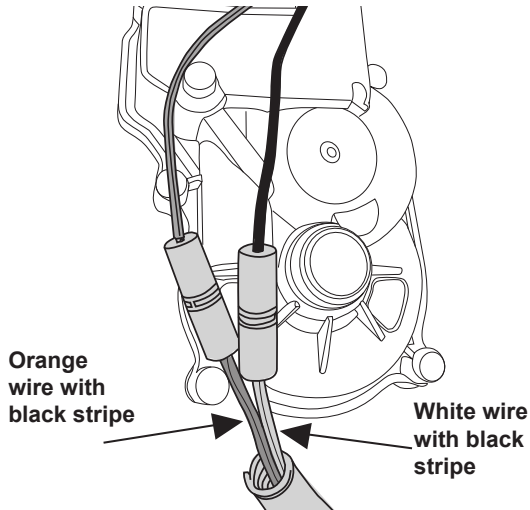


21

Use method B for both driver and passenger motor configuration.

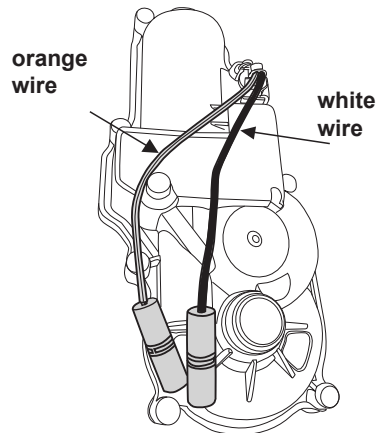
A. Motor spinning the shaft clockwise direction:

- 1) First, install one Posi-Tite® (7) onto white wire from the motor. See image on right.
- 2) Install second Posi-Tite® (7) onto orange wire from motor. See image on right.



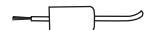
- 3) Next, connect the white wire with black stripe from the wire harness to the other end of the Posi-Tite® (7) that is connected to the all white wire from first step above.

- 4) Connect the Posi-Tite® (7) the orange wire from the motor with the orange with black stripe wire from the harness.



Posi-Tite® Instructions

1. Strip 3/8"



2. Push

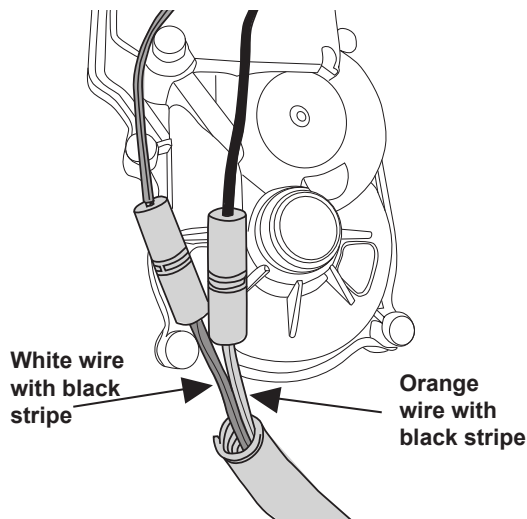


3. Tighten



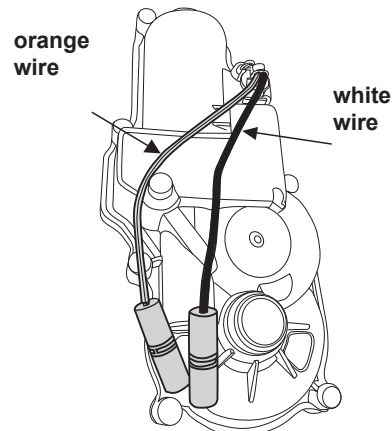
B. Motor spinning the shaft counter clockwise direction:

- 1) First, install one Posi-Tite® (7) onto white wire from the motor. See image on right.
- 2) Install second Posi-Tite® (7) onto orange from motor. See image on right.



- 3) Next, connect the orange wire with black stripe from the wire harness to the other end of the Posi-Tite® (7) that is connected to the all white wire from first step above.

- 4) Connect the Posi-Tite® (7) the orange from the motor with the white with black stripe wire from the harness.

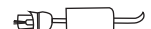


Posi-Tite® Instructions

1. Strip 3/8"



2. Push

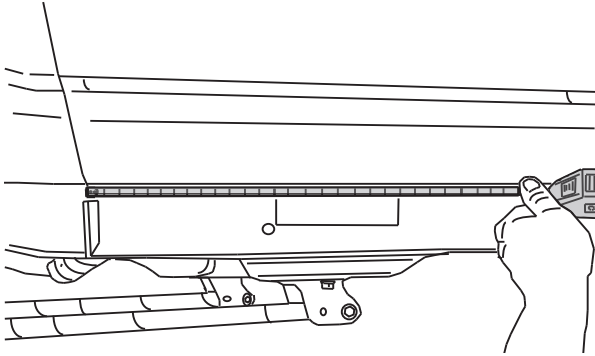


3. Tighten



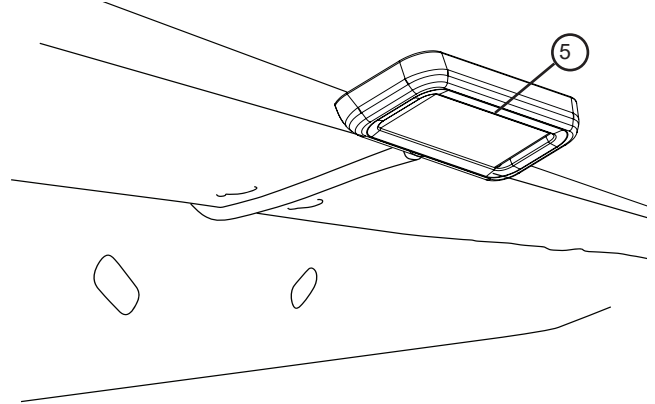
INSTALLATION INSTRUCTIONS

On each side of the vehicle measure from the front edge of door line on the pinch weld to the specified lengths below. Measure at 20" for front LED Light and 58" for rear LED Light.



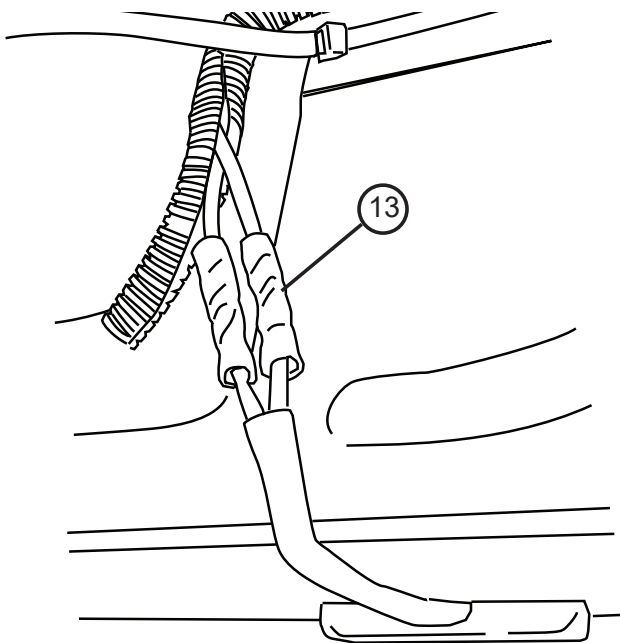
23

Affix lamp to rocker panel surface. Make sure the lamp is affixed to a clean, flat surface. There is a step down midway across the surface. Affix lamp just outside of step down.



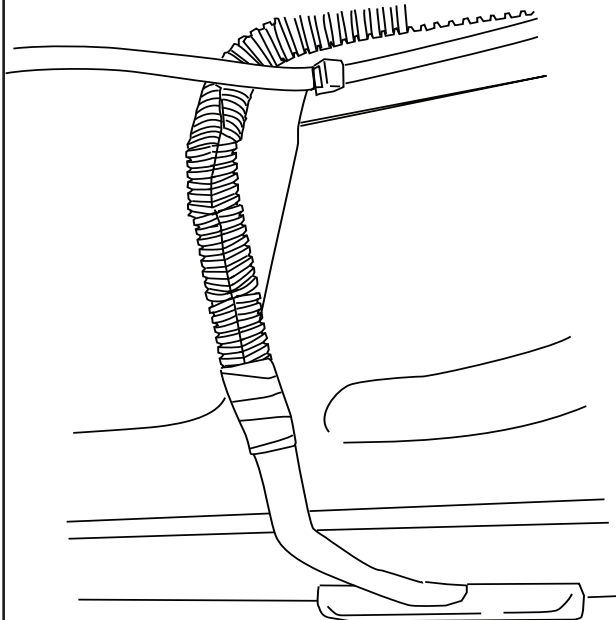
24

Using supplied butt connectors, connect the lamp wires. Red to Red, Black to Black. Once Crimped use heat gun to shrink tube.



25

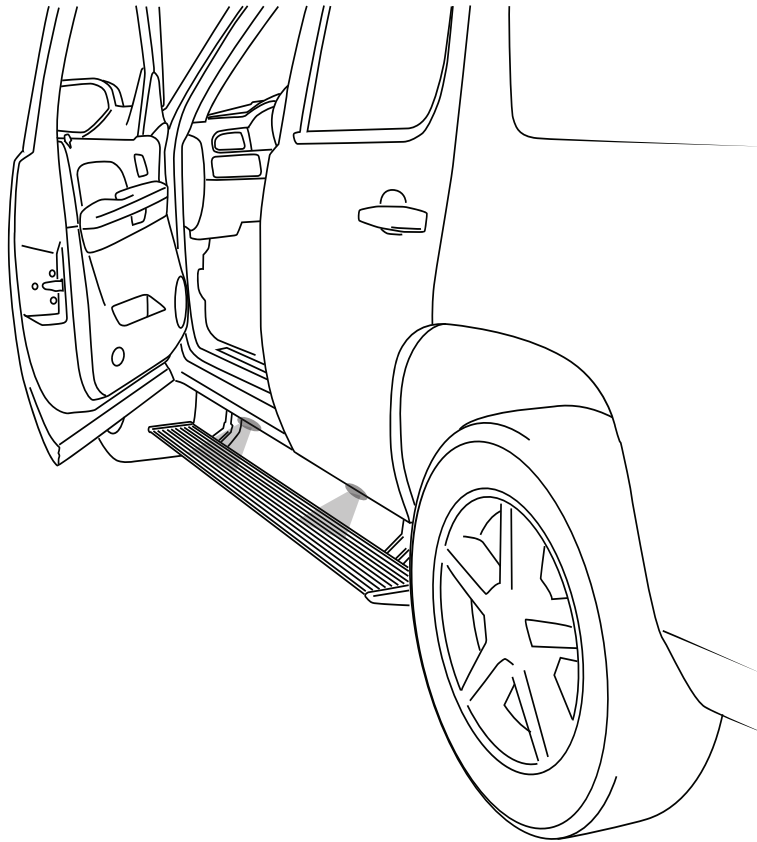
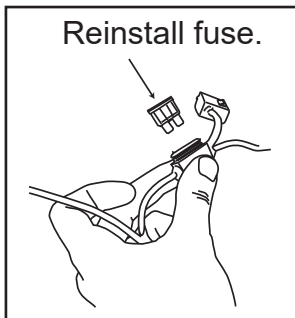
Close and wrap with conduit and electrical tape. Secure all loose wires with cable ties, with lamp wires pulled upward to avoid any wire snagging.



26

INSTALLATION INSTRUCTIONS

Reinstall Fuse. Check that all doors activate the Power Step and the LED Lights work when doors open and close. Reinstall any remaining trim panels.



FINAL SYSTEM CHECK

Check that all doors activate the PowerStep and the LED lights work when doors open and close.

NORMAL OPERATION: When the doors open, PowerStep automatically deploys from under the vehicle. When the doors are closed, PowerStep will automatically return to the stowed/retracted position. ***Note that there is a 2-second delay before the PowerStep returns to the stowed/retracted position.***

CORRECT OPERATION OF LIGHTS: All four lamps will illuminate upon opening any door of vehicle. Lamps will stay on until restowing of both Power Steps or until 5 minutes has expired with the doors open. When the lights timeout after 5 minutes, they can be reilluminated by closing and opening any door of vehicle.



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To view other RealTruck products that may be offered for your vehicle.

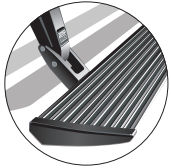
Please visit: www.realtruck.com

Rev 05.30.24

Congratulations on your purchase of the genuine RealTruck / AMP Research PowerStep!

Here's what you should know...

POWER-DEPLOYABLE RUNNING BOARDS OPERATION: RealTruck / AMP Research PowerStep running boards automatically move when the doors are opened to assist entering and exiting the vehicle.



Automatic power deploy:

The running boards will extend down and out when the doors are opened.

Automatic power stow:

The running boards will return to the stowed position when the doors are closed. There will be a 2-second delay before the running boards move to the stowed position.

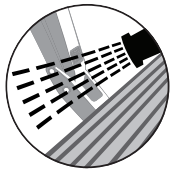
Automatic stop:

If an object is in the way of the moving running board, the running board will automatically stop. To reset, clear any obstruction, then simply open and close the door to resume normal operation.



Manually set in the deployed (OUT) position for access to the roof:

The running boards can be manually set in the deployed position by firmly holding the step down with your foot while at the same time closing the door. To resume normal operation, open and close the door.



Maintenance: In adverse conditions, debris such as mud, dirt, and salt may become trapped in the running board mechanism, possibly leading to unwanted noise. If this occurs, manually set the running boards to the deployed position and flush the front and rear hinge arms with a high-pressure car wash wand. Avoid spraying the motors directly. After washing, apply silicone spray lubricant to the hinge pivot pins. Do not apply silicone, wax or protectants like Armor All® to the running board stepping surface.

Caution! Keep hands away when the running board is in motion.

5-YEAR LIMITED WARRANTY

RealTruck / AMP RESEARCH warrants this product to be free from defects in material and workmanship for FIVE (5) YEARS FROM DATE OF PURCHASE, provided there has been normal use and proper maintenance. This warranty applies to the original purchaser only. All remedies under this warranty are limited to the repair replacement of the product itself, or the repair or replacement of any component part thereof, found by the factory to be defective within the time period specified. The decision to repair or replace is wholly within the discretion of the manufacturer.

This warranty specifically excludes labor. If you have a warranty claim, first you must call our factory at the number below for instructions. You must retain proof of purchase and submit a copy with any items returned for warranty work. Upon completion of warranty work, if any, we will return the repaired or replaced item or items to you freight prepaid. Damage to our products caused by accidents, fire, vandalism, negligence, misinstallation, misuse, acts by nature or by defective parts not manufactured by us, is not covered under this warranty.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE CREATED HEREBY ARE LIMITED IN DURATION TO THE SAME DURATION AND SCOPE AS THE EXPRESS WRITTEN WARRANTY. OUR COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

FOR WARRANTY ISSUES WITH THIS PRODUCT PLEASE CALL REALTRUCK TECH SUPPORT 1-888-983-2204

WARNING

Be sure to read and precisely follow the provided instructions when installing this product. Failure to do so could place the vehicle occupants in a potentially dangerous situation. After installing or reinstalling, re-check to insure that the product is properly installed.