

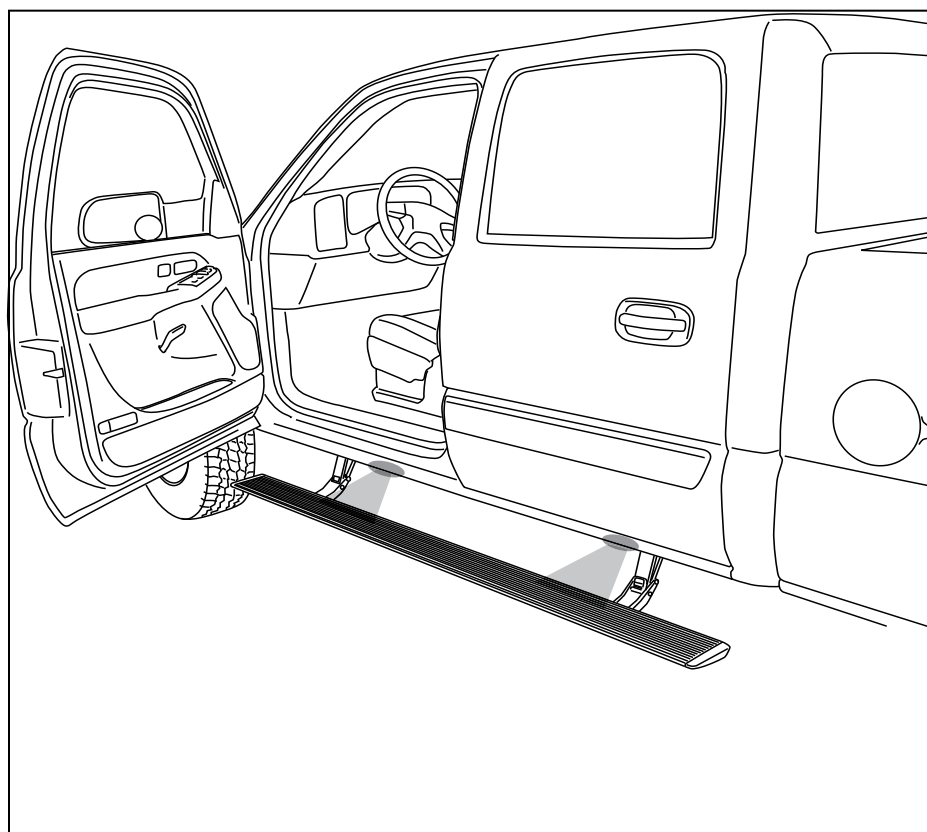
INSTALLATION GUIDE

AMP Research PowerStep

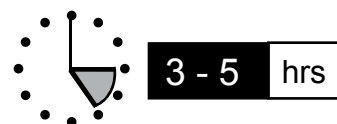
MADE IN USA

APPLICATION	MODEL YR	PART #
Chevrolet Silverado / GMC Sierra	1999–2006 (2007 Classic) (Crew Cab)	75113-01A
	(Extended Cab)	75113-01A
Chevrolet Tahoe / Suburban	2001-2006	75115-01A
Chevrolet Avalanche *	2001-2006 (without cladding)	75115-01A
	(with cladding)	75115-01A
GMC Yukon / Yukon XL	2001-2006	75115-01A
Cadillac Escalade Ext / ESV	2003–2006	75115-01A

***Modification required to running board assembly. See Item 1 Page3.**



INSTALLATION TIME



SKILL LEVEL



TOOLS REQUIRED

- ☐ Safety goggles
- ☐ Measuring tape
- ☐ Flat blade screwdriver
- ☐ Phillips head screwdriver
- ☐ Right angle drill
- ☐ 1/8" drill bit ☐ 3/16" drill bit
- ☐ 9/32" drill bit ☐ 21/64" drill bit
- ☐ 17mm socket
- ☐ 13 mm socket
- ☐ 10 mm socket ☐ 7 mm socket
- ☐ T 20 Torx driver
- ☐ Ratchet wrench and extension
- ☐ 13mm end wrench
- ☐ Wire crimpers
- ☐ Wire stripper / cutter
- ☐ Vise grip pliers
- ☐ Corrosion inhibitor
- ☐ 3/16" hex key wrench (allen wrench)
- ☐ 5mm hex key wrench (allen wrench)
- ☐ 4mm hex key wrench (allen wrench)
- ☐ Electrical tape
- ☐ Weather proof caulking (silicone sealer)

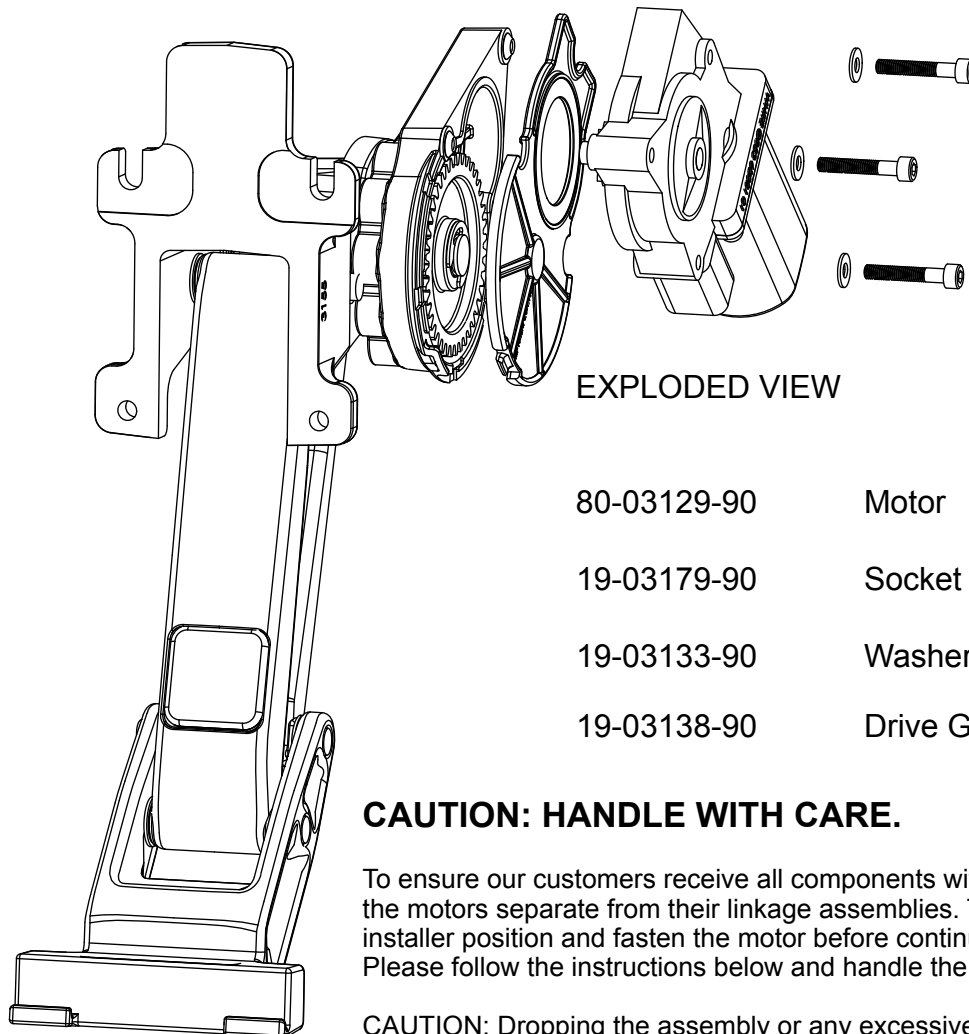
AMP RESEARCH TECH SUPPORT 1-888-983-2204 (Press 2) Monday - Friday, 6:00 AM - 5:00 PM PST

Designed and manufactured by AMP Research®. Patent Number 6,830,257; 6,641,158; 6,834,875; 6,938,909; 6,942,233; 7,007,961; 7,055,839; 7,163,221; 7,367,574; 7,380,807; 7,398,985; 7,413,204; 7,487,986. Other US and Worldwide patents pending. Made in USA © 2010 AMP Research
5-year limited warranty. Professional installation is recommended.

INSTALLATION GUIDE

Attaching motor to linkage assembly

The motors must be attached to the linkage assemblies before continuing the installation process.



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.

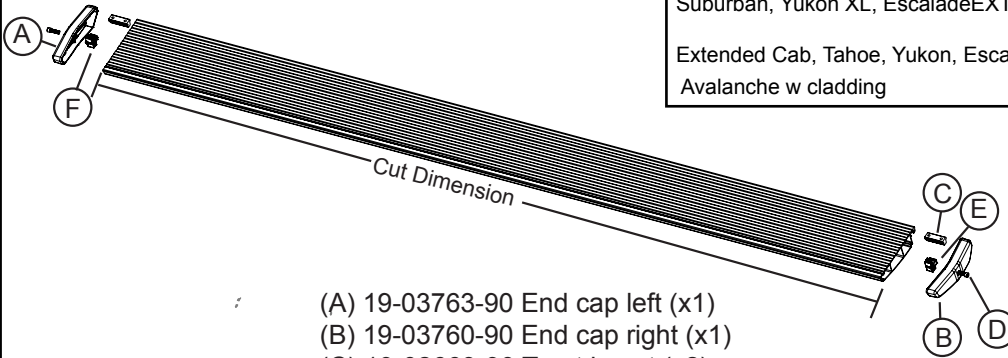
Instructions:

1. Position the gear cover in place as shown if not already in place.
2. Seat motor into position on the three mounting bosses. This may require an adjustment of the gear by moving the swing arms.
3. After seating into place, fasten the motor with the three motor mount screws with 4mm Hex Head. Tighten screws to 36 in-lbs (4N-m). **Do not over torque.**

INSTALLATION GUIDE

Note: Some Applications require modification.

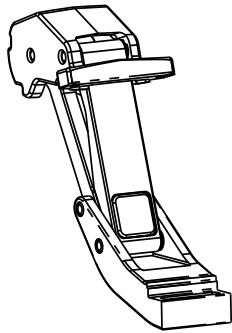
Application	Cut Length
Crew Cab, Avalanche w/o cladding Suburban, Yukon XL, EscaladeEXT/ESV	79" (No Modification Required)
Extended Cab, Tahoe, Yukon, Escalade, Avalanche w cladding	72" (Trim 7")



- (A) 19-03763-90 End cap left (x1)
- (B) 19-03760-90 End cap right (x1)
- (C) 19-02663-90 T-nut insert (x2)
- (D) 19-02802-90 Socket cap screw (x2)
- (E) 19-03761-90 End cap wedge right (x1)
- (F) 19-03764-90 End cap wedge left (x1)

1 x2

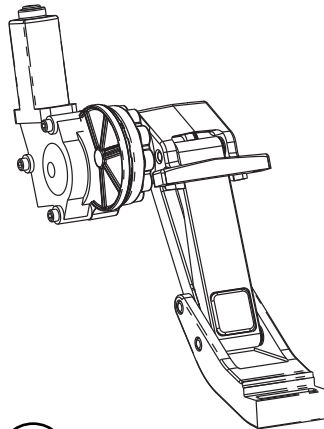
Running board assembly



(10-03058-11 Shown)

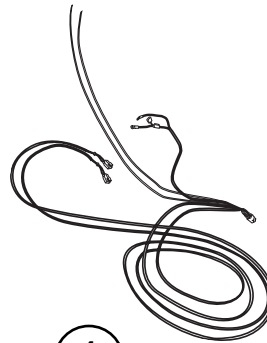
2 x2

10-03035-10 SUV
10-03058-11 Truck
Idler linkage assembly



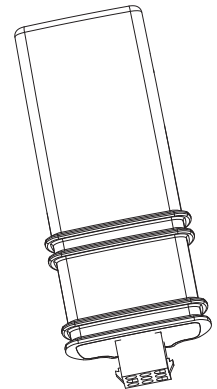
3 x2

10-03034-11 SUV
10-03059-12 Truck
Motor linkage assembly



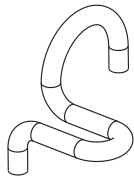
4

19-03067-93L SUV
19-03067-91L Truck
Wire harness



5

19-03297-93
Controller



USED ON SILVERADO
AND SIERRA
HEAVY DUTIES ONLY.

6 x2

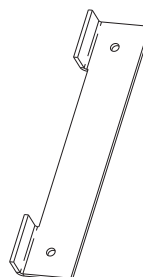
16-03079-90
Cable Bracket



USED ON SILVERADO
AND SIERRA
HEAVY DUTIES ONLY.

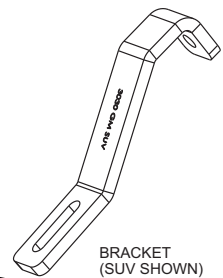
7

19-03088-90
Brake Cable Ring



8

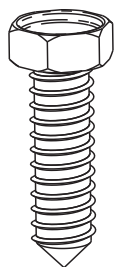
19-03044-90
Drill Template



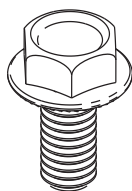
9 x4

16-03055-90-TRUCK
Mounting Bracket
19-03149-90-SUV
Mounting Bracket

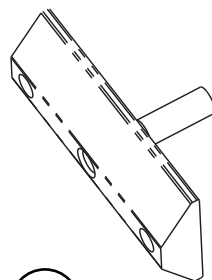
INSTALLATION GUIDE



10 x8
19-02812-90
Hex Head
Sheet Metal Screw



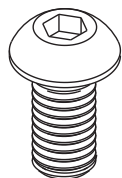
11 x4
19-03037-90 SUV
19-03248-90 Truck
Hex Flange Bolt



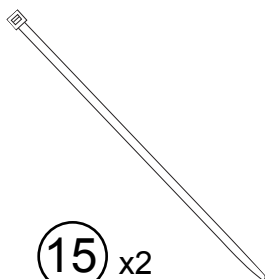
12 x4
19-03032-90
Upper Sill Mount
with 19-03033-90
Stud



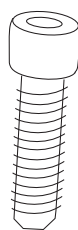
13 x4
10-00115-60
Nylock Nut



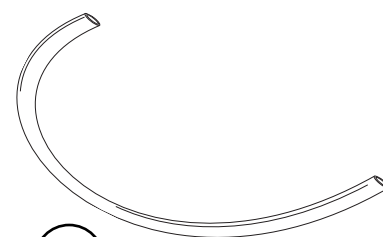
14 x8
19-02634-90
Button Head Bolt



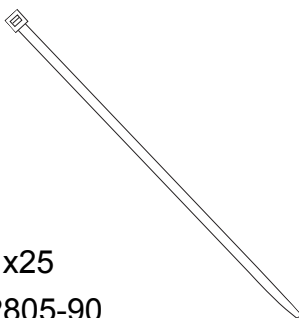
15 x2
19-03339-90
Cable tie (11")



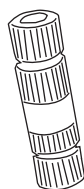
16 x8
19-02802-90
Socket Cap Screw



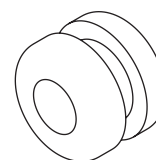
17
19-02992-90
Tubing (Installation Tool)



18 x25
19-02805-90
Cable tie (7")



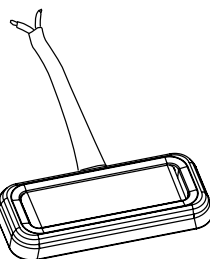
19 x4
19-03354-90
Posi-Tap™ (Red/Grey)



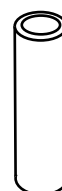
20
19-02640-90
Grommet



21 x8
19-03021-90
Hex Nut
(for Truck only- Step 8)



22 x4
19-03302-90
LED Lamp



23 x8
19-02989-90
Butt Connector



24
19-03299-90
M10 Hex Bolt

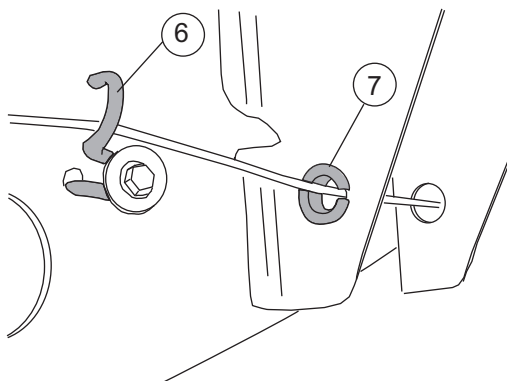
INSTALLATION GUIDE

Steps 1-3 for Heavy Duty Trucks only! For all other vehicles skip to Step 4.

HD - Short Bed: Remove forward most brake cable guide.

HD - Long Bed: Remove first and third brake cable guide.

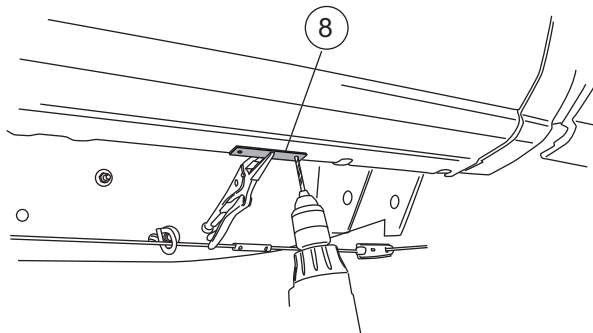
1



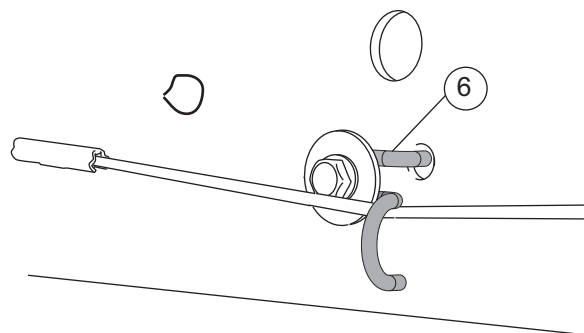
HD - Long Bed: Install plastic brake cable guide in forward hole of rear body mount.

3

With drill template secured with vise grips, drill 1/8" starter holes. Remove template and drill holes to 21/64".



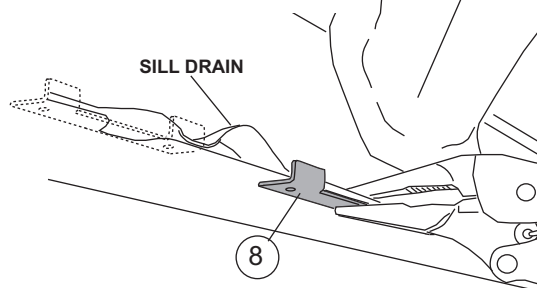
5



2

Install replacement brake cable guides.

Rear linkage assembly. Template position for Tahoe and Yukon shown in hidden lines.

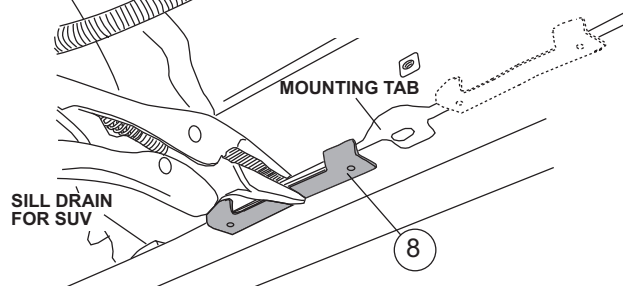


Clamp drill template about 1/16" forward of the rearmost sill drain.

4

Tahoe and Yukon: Clamp Template 1/8" behind second rearmost sill drain.

Front linkage assembly. Template position for SUV driver side shown in hidden lines.



Clamp drill template to pinch weld about 1/8" behind the forward most mounting tab.

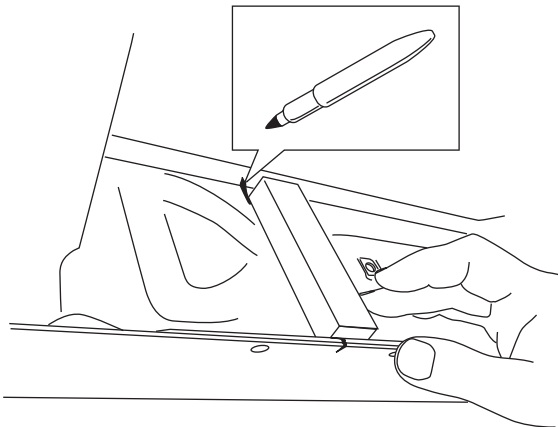
Then repeat Step 5.

SUV's: On driver side only, clamp template 1/8" in front of forward most mounting tab.

6

INSTALLATION GUIDE

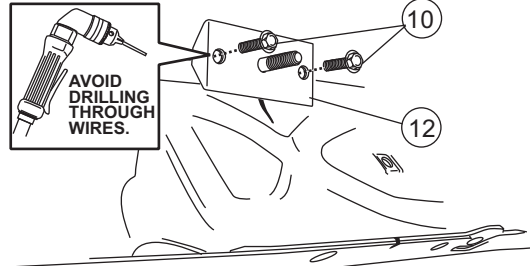
CAUTION: Remove step plates on inside of cab and move vehicle wire harnesses out of the way before drilling in Steps 8 & 9.



7 Use a straight edge to make a vertical line centered between drilled mounting holes.

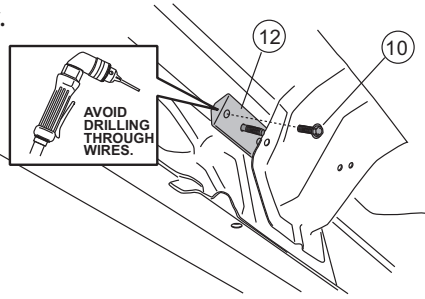
READ THE ABOVE CAUTION NOTE!

Center the upper support mount and drill 1/8" starter holes, then remove mount and drill 3/16" holes. Drill through first layer of sheet metal only. Attach with #14 sheet metal screws.



8 File down any exposed screw tips from inside and cover with silicone.

READ CAUTION NOTE AT TOP OF PAGE!
Repeat Steps 7 & 8 for rear mount. Drill through first layer of sheet metal only. This mount support will mount partially behind frame support and will require only one sheet metal screw.



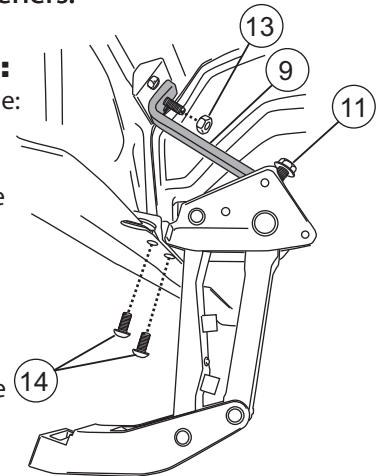
9 File down any exposed screw tips from inside and cover with silicone.

Mount linkage assembly and upper bracket and finger tighten all fasteners.

IMPORTANT NOTE:

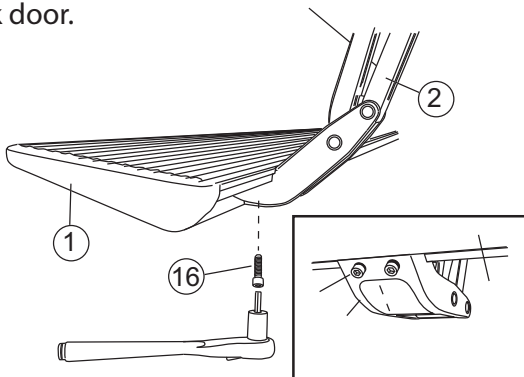
For Truck and HD Avalanche:
The motorized linkage assembly goes to the front location on the drivers side and to the rear location on the passenger side.

For SUV & 1500 Avalanche:
The motorized linkage assembly goes towards the front on both sides.



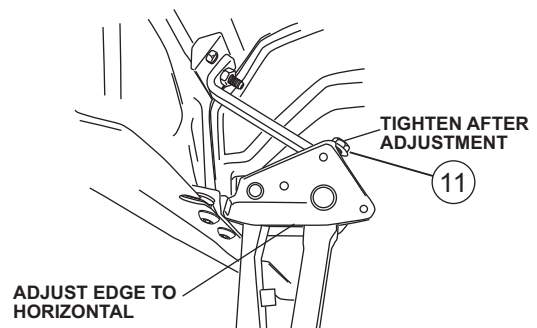
10

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.



11

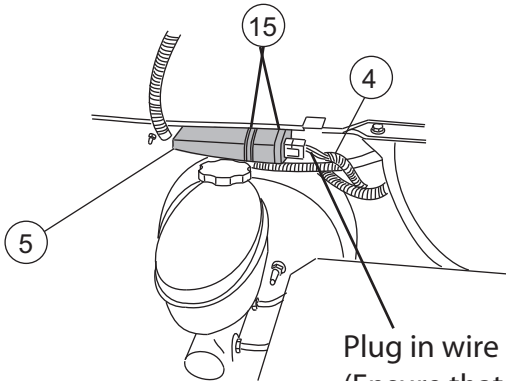
Tighten button head fasteners and upper nut to 16 ft-lbs. Then adjust the bottom edge to horizontal and tighten hex bolt to 16ft-lbs.



12

INSTALLATION GUIDE

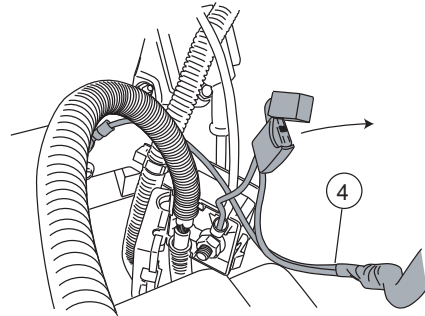
Using the two 11" cable ties, mount controller to factory wire conduit above brake booster on drivers side of truck.



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

13

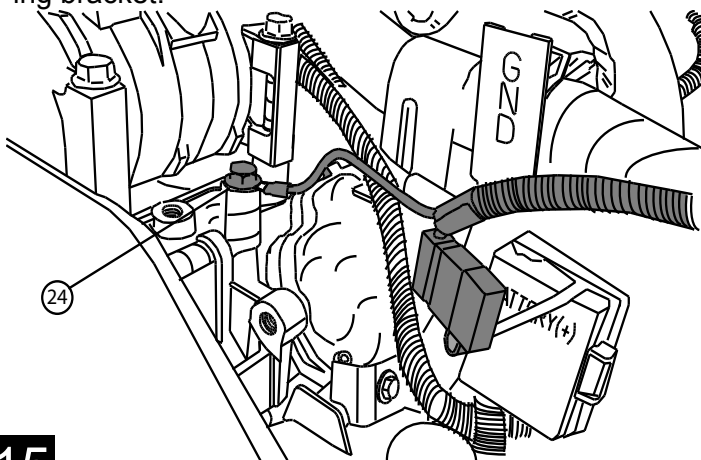
Remove power fuse. Attach power lead RED wire to positive lead in the junction box. CAUTION: Do not ground wrench when engaged with nut.



Attach ground lead to junction box mounting bracket. (See Step 15 for Diesel Engine grounding location)

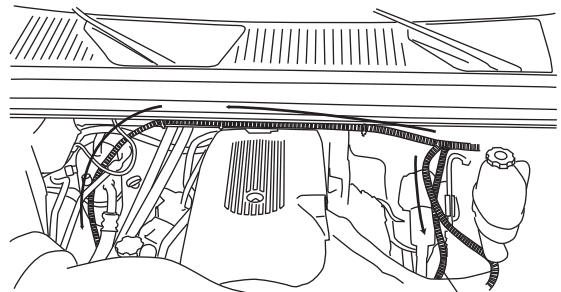
14

Diesel Models only! Using supplied Hex Head Screw connect ground to air compressor mounting bracket.



15

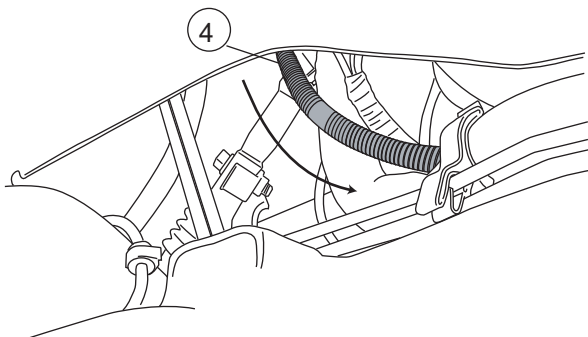
Route long end of wire harness above engine and down through passenger side wheel well. Zip tie harness to cowl clips on fire wall. Route short end down drivers side.



Secure with zip ties.

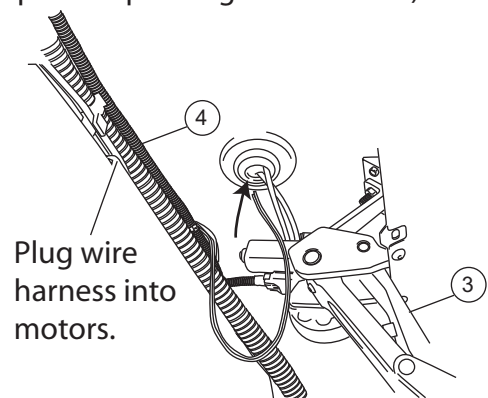
16

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



17

Poke hole through rubber grommet near front door on underside of floor panel with small phillips screwdriver. Push both wires through hole.
(See Step 20 for passenger side notes.)



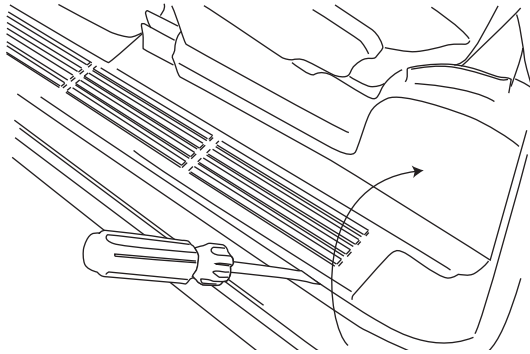
Plug wire
harness into
motors.

18

INSTALLATION GUIDE

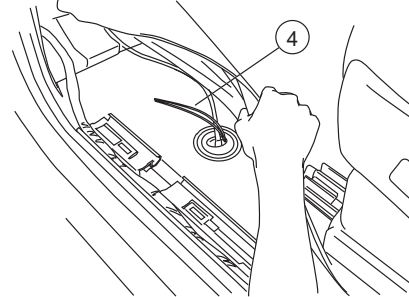
IMPORTANT: Steps 21 and 22 are for Crew Cabs and SUV's only. Light blue and Green wires will not be used otherwise. **See end of install sheet for 1999-2002 model year wiring**

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.



19

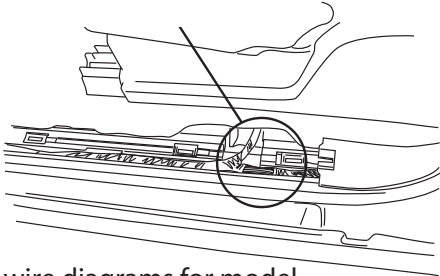
Pull up the carpet and thread both wires through the floor panel (same steps on passenger side EXCEPT drill 9/32" hole in metal and add rubber grommet).



Seal holes with silicone glue.

20

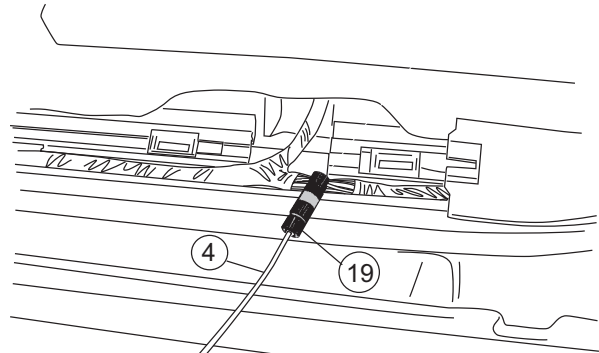
On Crew Cab's and SUV's carefully remove wire wrap. On drivers side find the LIGHT BLUE wire with BLACK STRIPE. On the passenger side find GREEN wire with BLACK STRIPE rear of the "T" junction where wires cross under the front seat).



See wire diagrams for model years previous to 2003.

21

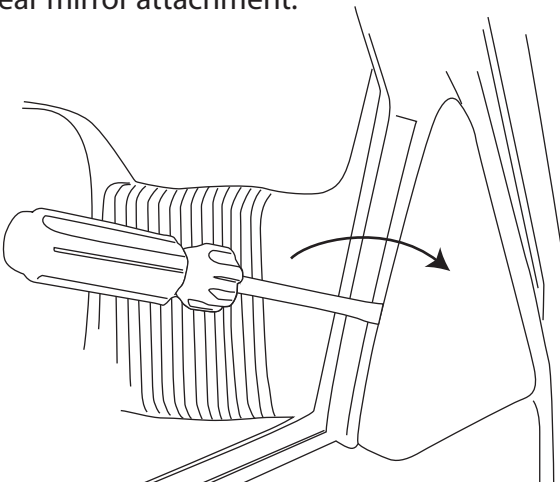
Using supplied Posi-Taps™ splice shorter trigger wire into wire found in step 21.



Note: Crew Cab and SUV's only; these wires not used for Extended Cabs, Cut and tape off.

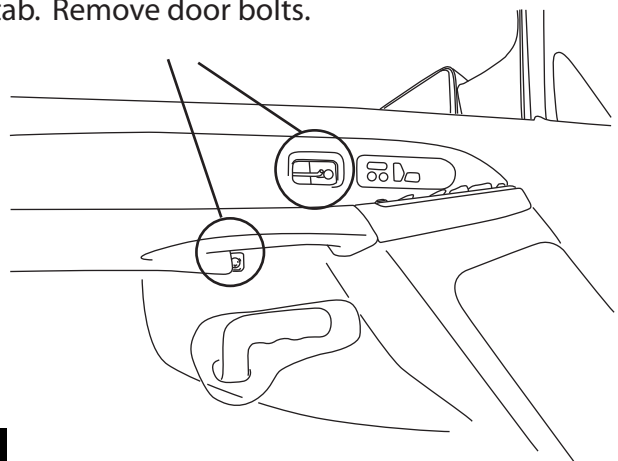
22

Remove plastic trim on door near mirror attachment.



23

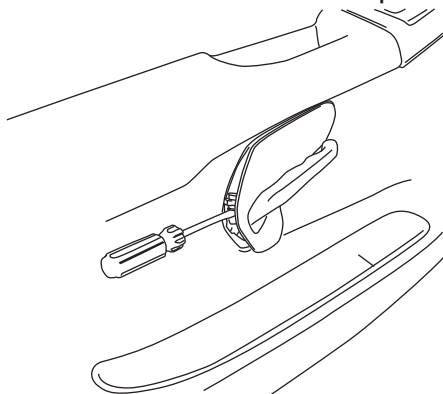
To remove door, first pry off door lock tab. Remove door bolts.



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INSTALLATION GUIDE

Pry off door handle plate and any remaining panel fasteners. Then remove door panel.



NOTE: Remove door light while removing door panel.

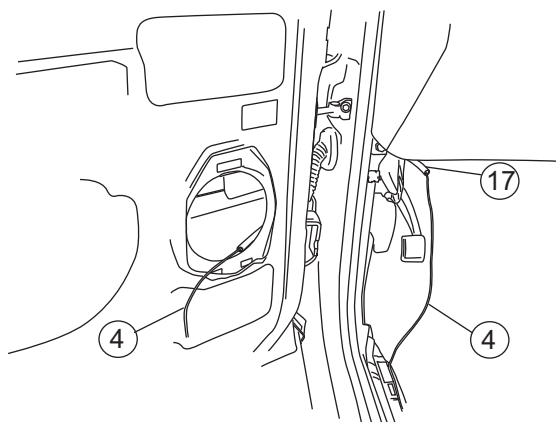
25

Pull back the door weather guard. Pry off speaker and unplug. Thread plastic tube through accordion.



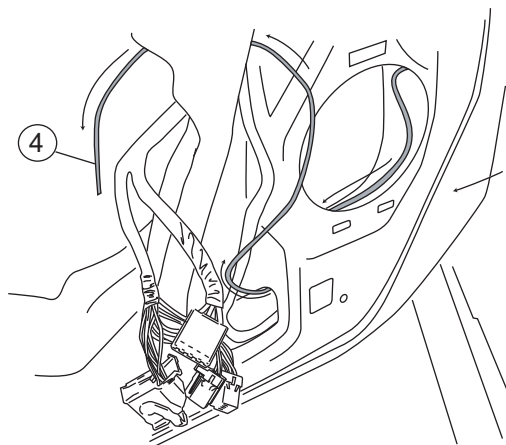
26

Feed longer wire of Step 20 through tube into door and pull out plastic tube on door side.



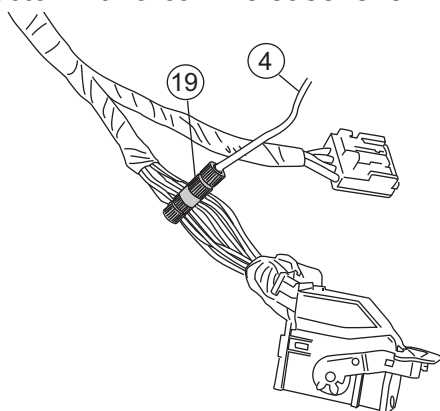
27

Route wire along harness going to switch plate.



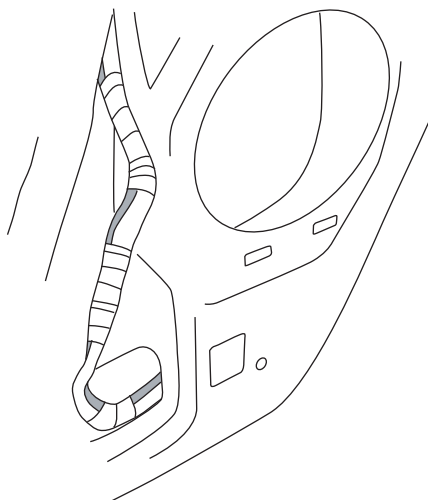
28

Using supplied Posi-Taps™ splice trigger wire into door ajar wire (Driver side: Gray with Black Stripe; Passenger side: Black with White Stripe). The trigger wires will attach to the connector with a cam-release lever.



29

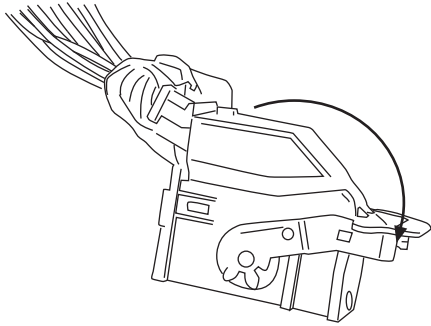
Secure all wires with zip ties and electrical tape.



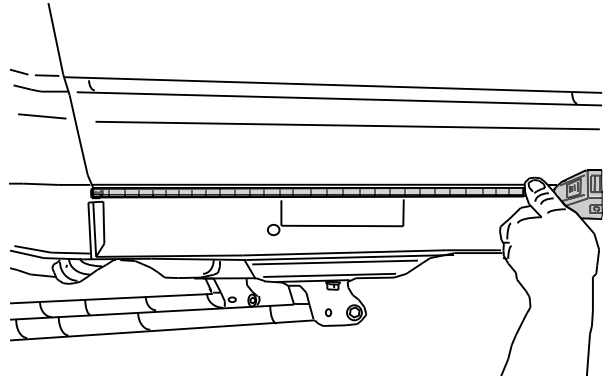
30

INSTALLATION GUIDE

Make sure that plug lever is fully opened before reinstalling. Failure to do this will adversely affect the operation of the powerstep and window controls.



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 22" for front LED Light and 65" for rear LED Light.

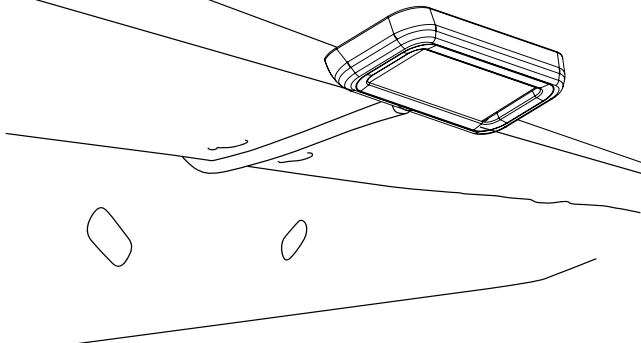


32 Reinstall door panel.

33

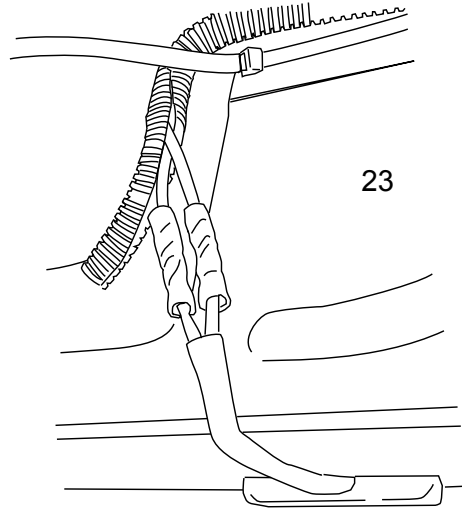
Affix lamp to rocker panel surface. Make sure the lamp is affixed to a clean, flat surface. There is a step down midway across the surface. Affix lamp just outside of step down.

22



Using supplied butt connectors, connect the lamp wires. Red to Red, Black to Black.

23

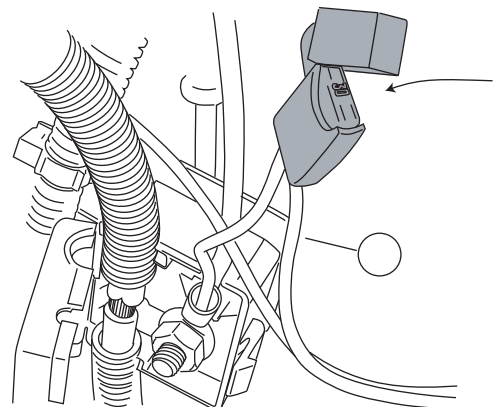
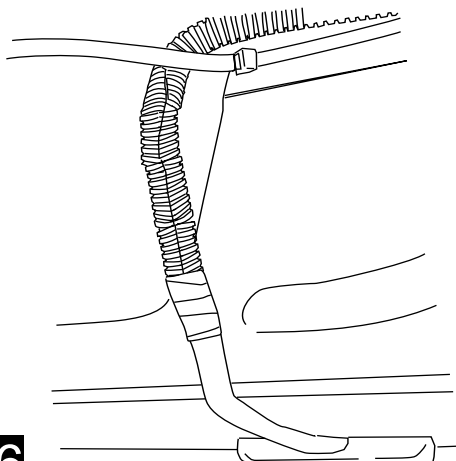


34

35

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.

Replace power fuse

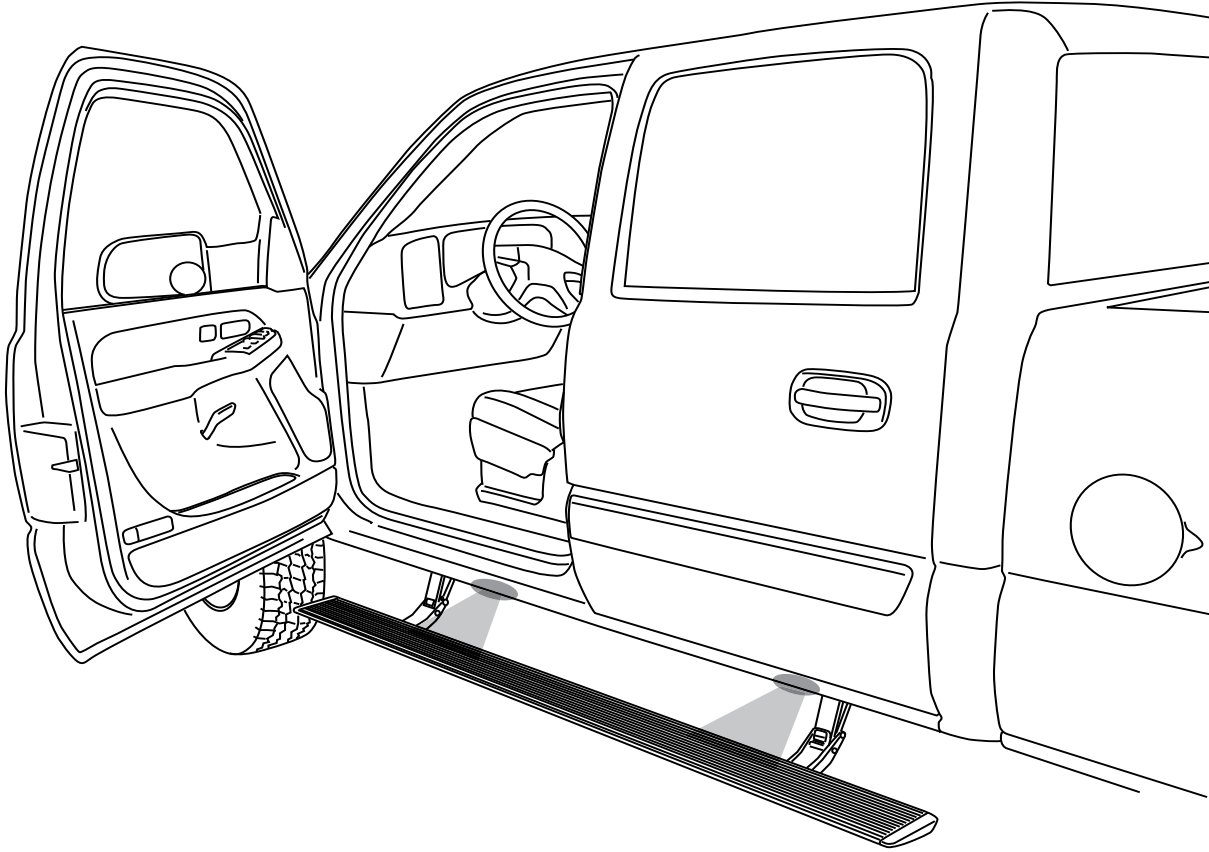


36

37

INSTALLATION GUIDE

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



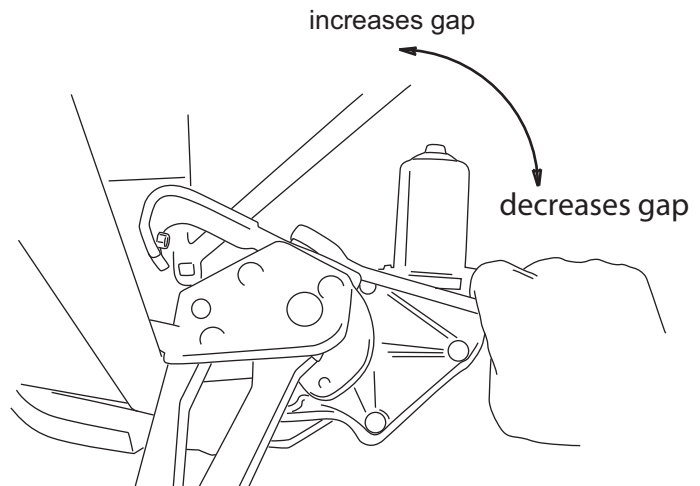
FINAL SYSTEM CHECK

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.

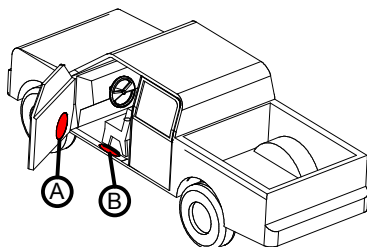
Slight adjustments to the upper mount can be made to adjust stow position. With the board extended, loosen hex bolt as shown, adjust as needed, and retighten hex bolt to 16 ft-lbs. The adjustments will be made to either increase or decrease the gap between the board and rocker panel when stowed.



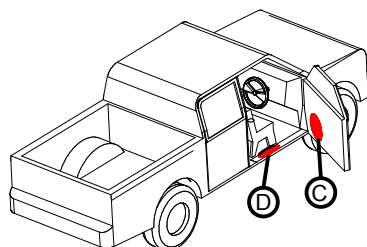
Wiring Instructions

GM POWERSTEP ('03-'06) Truck & SUV, ('07 Classic Truck)

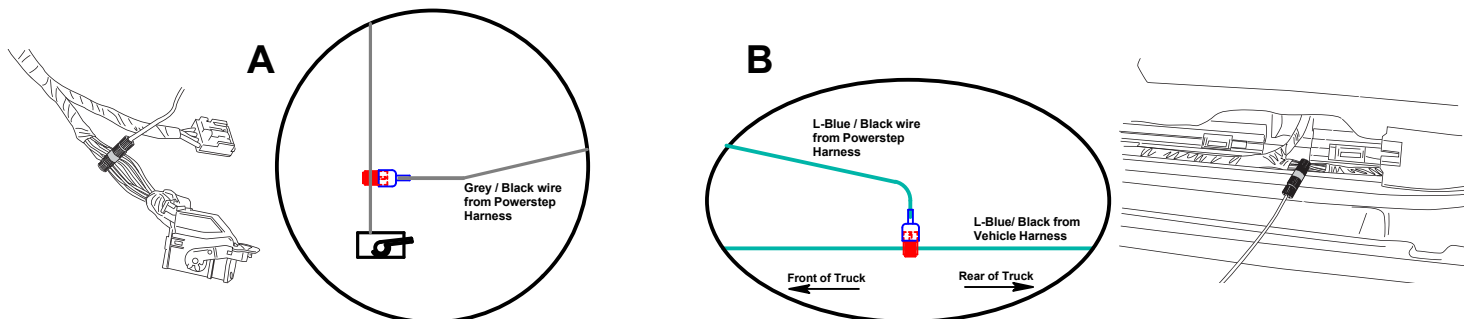
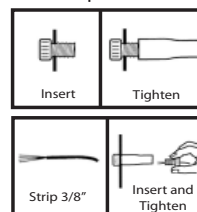
DRIVER SIDE



PASSENGER SIDE



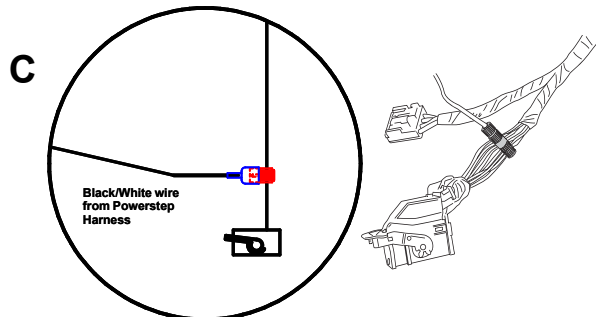
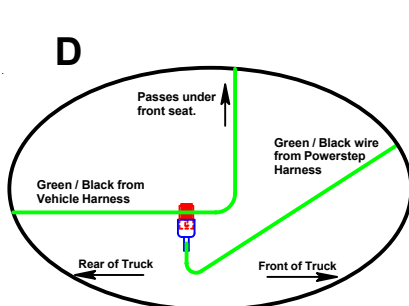
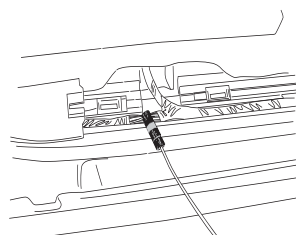
Posi-Tap instructions



DRIVER SIDE WIRING

1. After removing the front door step plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Open wire bundle located under front door step plate and locate the 18Ga. rear door-ajar signal wire (**light blue with a black stripe**).
3. Apply Posi-Tap connector to the above found wire.
4. Strip wire back approx 3/8" and attach to Posi-Tap connector.

5. After removing the door panel, you will access the wire bundle at the black cam-plug from window control panel (Area-A). Undo wire wrap and locate the 18Ga. door-ajar signal wire (**grey with a black stripe**).
6. Apply Posi-Tap connector to the above found wire.
7. The longer of the two wires from step-1 will be routed to the door panel through front door accordian. Attach routed wire from Powerstep harness to Posi-Tap connector.



PASSENGER SIDE WIRING

1. After removing the front door step plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Open wire bundle located under front door step plate and locate the 18Ga. rear door-ajar signal wire (**green with a black stripe**).
3. Apply Posi-Tap connector to the above found wire.
4. Strip wire back approx 3/8" and attach to Posi-Tap connector.

5. After removing the door panel, you will access the wire bundle at the black cam-plug from window control panel (Area-C). Undo wire wrap and locate the 18Ga. door-ajar signal wire (**black with a white stripe**).
6. Apply Posi-Tap connector to the above found wire.
7. The longer of the two wires from step-1 will be routed to the door panel through front door accordian. Attach routed wire from Powerstep harness to Posi-Tap connector.

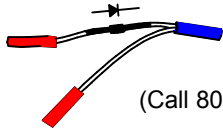
Notes:

1. All of the signal wires tapped into will be 18Ga. Do not tap into anything with a thicker gage than this.
2. Occasionally the wire colors do not match the wire schematics. Under these circumstances you will need to locate the door-ajar signal wires.
3. Make sure to secure all wires after install. Loose wires can be damaged and may cause a failure in the Powerstep's function.

Wiring Instructions

GM POWERSTEP

1999-2002 Truck & SUV - LUXURY & UP LEVEL



Part # 10-02727-90
Single Diode Harness Kit - Qty: 4 pcs.
(Call 800-315-9705 to receive diodes free of charge.)

ATTENTION: Pay close attention to the orientation of the diode harnesses. The Power-Step will not work with a incorrectly installed diode harness.

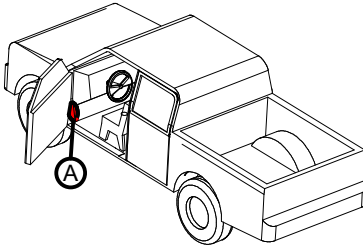


Figure A-1

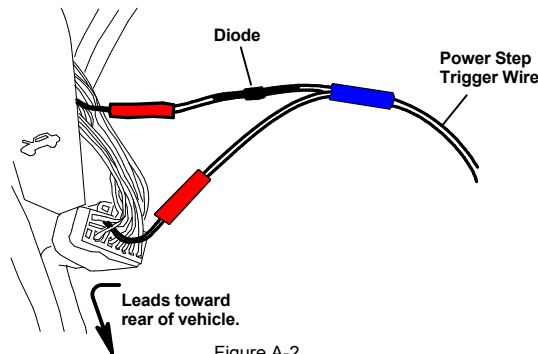


Figure A-2

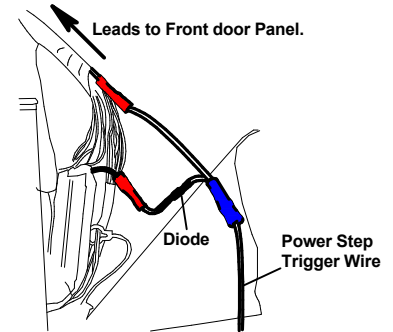


Figure A-3

DRIVER SIDE WIRING

1. After removing the front door step plate and kick plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Locate the rear door-ajar signal wire (**dark blue with white stripe**) on black connector below the hood-release lever (Area-A in Figure A -1). There should be two wires of this color; use the wire located on the row closest to the plug release.
3. Cut this wire and install Single Diode Harness as oriented in Figure A-2.
4. After trimming to correct length, connect the light blue with black stripe trigger wire from step one to the blue connector of Single Diode Harness installed in previous step.

5. Locate the front door-ajar signal wire (**tan**) on large connector located behind the connector of step 2.
6. Cut this wire and install Single Diode Harness as oriented in Figure A-3.
7. After trimming to correct length, connect the grey with black stripe trigger wire from step one to the blue connector of Single Diode Harness installed in previous step.
8. Wrap all connections with electrical tape and secure any loose wires.

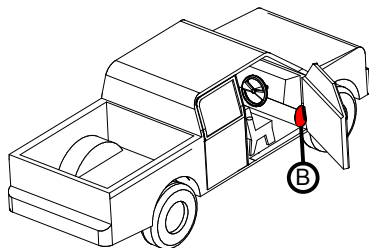


Figure B-1

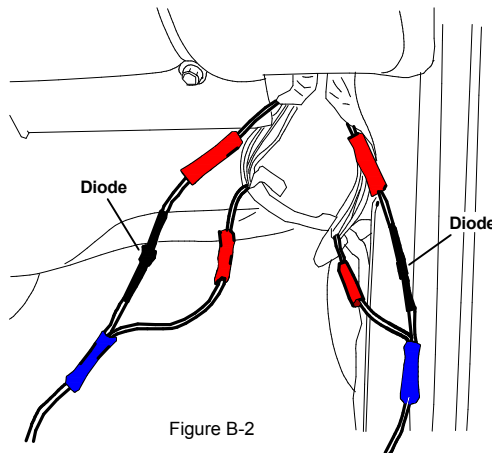


Figure B-2

PASSENGER SIDE WIRING

1. After removing the front door step plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Locate the two wire bundles running up along kick panel area underneath glove compartment as shown in the above figures.
3. Open wire wrap of the bundles and locate the front and rear door-ajar signal wires (**dark blue with white stripe**), one found in each bundle.

4. Cut each wire and install the Single Diode Harnesses as oriented in Figure B-2. Make certain that the leg with the diode is towards the top.
5. Wrap all connections with electrical tape and secure any loose wires.

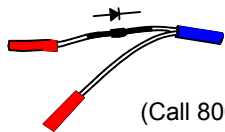
Notes:

1. All of the signal wires tapped into will be 18Ga. Do not tap into anything with a thicker gage than this.
2. Occasionally the wire colors do not match the wire schematics. Under these circumstances you will need to locate the door-ajar signal wires.
3. Make sure to secure all wires after install. Loose wires can be damaged and may cause a failure in the Powerstep's function.

Wiring Instructions

GM POWERSTEP

1999-2002 Truck & SUV - BASE LEVEL



Part # 10-02727-90
Single Diode Harness Kit - Qty: 4 pcs.

(Call 800-315-9705 to receive diodes free of charge.)

ATTENTION: Pay close attention to the orientation of the diode harnesses. The Power-Step will not work with a incorrectly installed diode harness.

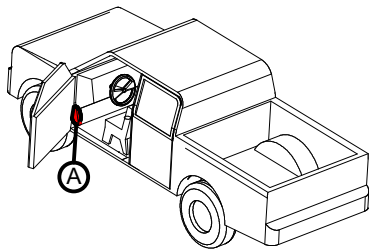


Figure A-1

DRIVER SIDE WIRING

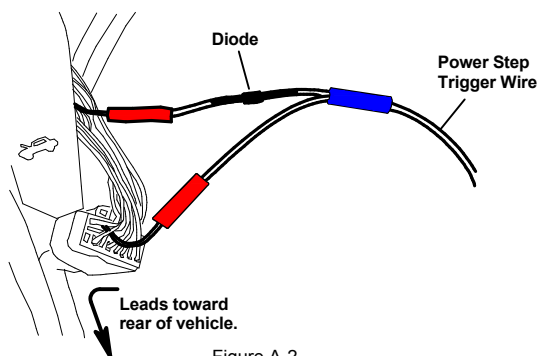


Figure A-2

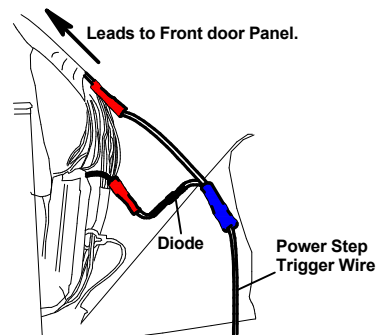


Figure A-3

1. After removing the front door step plate and kick plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Locate the rear door-ajar signal wire (**orange**) on black connector below the hood-release lever (Area-A in Figure A-1). There should be two wires of this color; use the wire located on the row closest to the plug release.
3. Cut this wire and install Single Diode Harness as oriented in Figure A-2.
4. After timing to correct length, connect the light blue with black stripe trigger wire from step one to the blue connector of Single Diode Harness installed in previous step.

5. Locate the front door-ajar signal wire (**tan**) on large connector located behind the connector of step 2.
6. Cut this wire and install Single Diode Harness as oriented in Figure A-3.
7. After timing to correct length, connect the grey with black stripe trigger wire from step one to the blue connector of Single Diode Harness installed in previous step.
8. Wrap all connections with electrical tape and secure any loose wires.

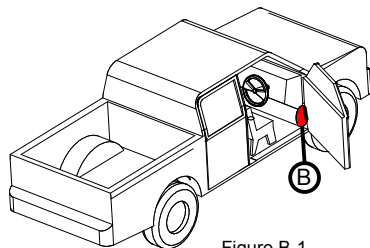


Figure B-1

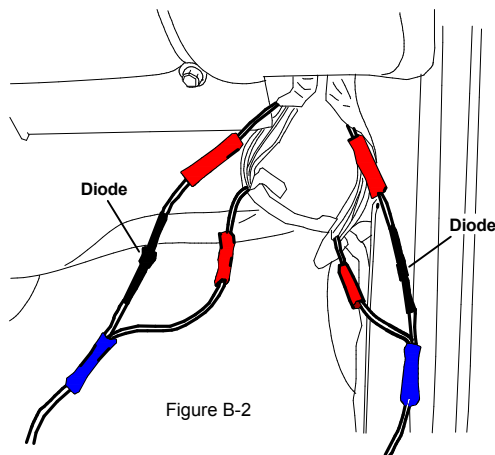


Figure B-2

PASSENGER SIDE WIRING

1. After removing the front door step plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Locate the two wire bundles running up along kick panel area underneath glove compartment as shown in the above figures.
3. Open wire wrap of the bundles and locate the front and rear door-ajar signal wires (**dark blue with white stripe**), one found in each bundle.

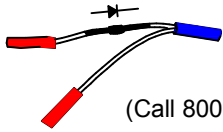
4. Cut each wire and install the Single Diode Harnesses as oriented in Figure B-2. Make certain that the leg with the diode is towards the top.
5. Wrap all connections with electrical tape and secure any loose wires.

Notes:

1. All of the signal wires tapped into will be 18Ga. Do not tap into anything with a thicker gage than this.
2. Occasionally the wire colors do not match the wire schematics. Under these circumstances you will need to locate the door-ajar signal wires.
3. Make sure to secure all wires after install. Loose wires can be damaged and may cause a failure in the Powerstep's function.

Wiring Instructions

GM POWERSTEP 1999-2002 Sierra Denali Only



Part # 10-02727-90
Single Diode Harness Kit - Qty: 4pcs
(Call 800-315-9705 to receive diodes free of charge.)

ATTENTION: Pay close attention to the orientation of the diode harnesses. The Power-Step will not work with a incorrectly installed diode harness.

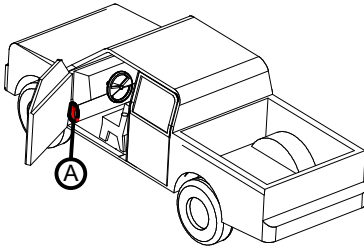


Figure A-1

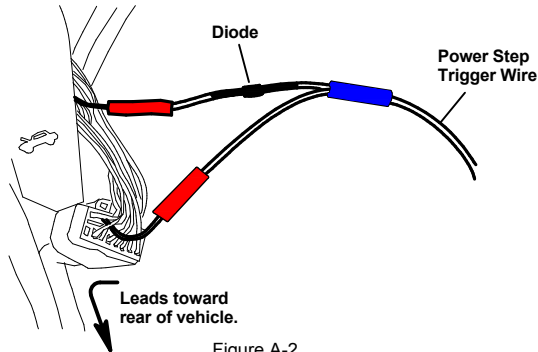


Figure A-2

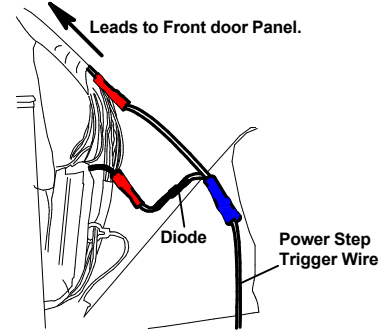


Figure A-3

DRIVER SIDE WIRING

1. After removing the front door step plate and kick plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Locate the rear door-ajar signal wire (**dark blue with white stripe**) wire on black connector below the hood-release lever (Area-A in Figure A-1). There should be two wires of this color; use the wire located on the row closest to the plug release.
3. Cut this wire and install Single Diode Harness as oriented in Figure A-2.
4. After trimming to correct length, connect the light blue with black stripe trigger wire from step one to the blue connector of Single Diode Harness installed in previous step.

5. Locate the front door-ajar signal wire (**light green with black stripe**) on large connector located behind the connector of step 2.
6. Cut this wire and install Single Diode Harness as oriented in Figure A-3.
7. After trimming to correct length, connect the grey with black stripe trigger wire from step one to the blue connector of Single Diode Harness installed in previous step.
8. Wrap all connections with electrical tape and secure any loose wires.

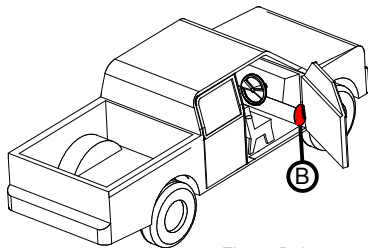


Figure B-1

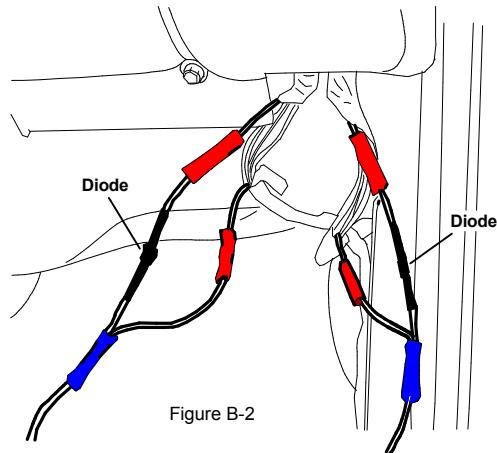


Figure B-2

PASSENGER SIDE WIRING

1. After removing the front door step plate, lift carpet and pull Powerstep trigger wires through floor of truck.
2. Locate the two wire bundles running up along kick panel area underneath glove compartment as shown in the above figures.
3. Open wire wrap of the bundles and locate the rear door-ajar signal wire (**dark blue with white stripe**) in one bundle and the front door-ajar signal wire (**light green with black stripe**) in the other bundle.

4. Cut each wire and install the Single Diode Harnesses as oriented in Figure B-2. Make certain that the leg with the diode is towards the top.
5. Wrap all connections with electrical tape and secure any loose wires.

Notes:

1. All of the signal wires tapped into will be 18Ga. Do not tap into anything with a thicker gage than this.
2. Occasionally the wire colors do not match the wire schematics. Under these circumstances you will need to locate the door-ajar signal wires.
3. Make sure to secure all wires after install. Loose wires can be damaged and may cause a failure in the Powerstep's function.



Congratulations on your purchase of the genuine AMP Research PowerStep! Here's what you should know...

POWER-DEPLOYABLE RUNNING BOARDS OPERATION: 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.

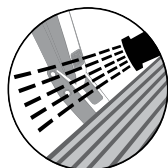
Automatic stop:

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

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 of God, 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 AMP RESEARCH CUSTOMER SERVICE 1-800-315-9697

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.