



Powerstep Installation Instructions



**For: Dodge Ram Quad Cab
Pickup, 2002 – 2004**

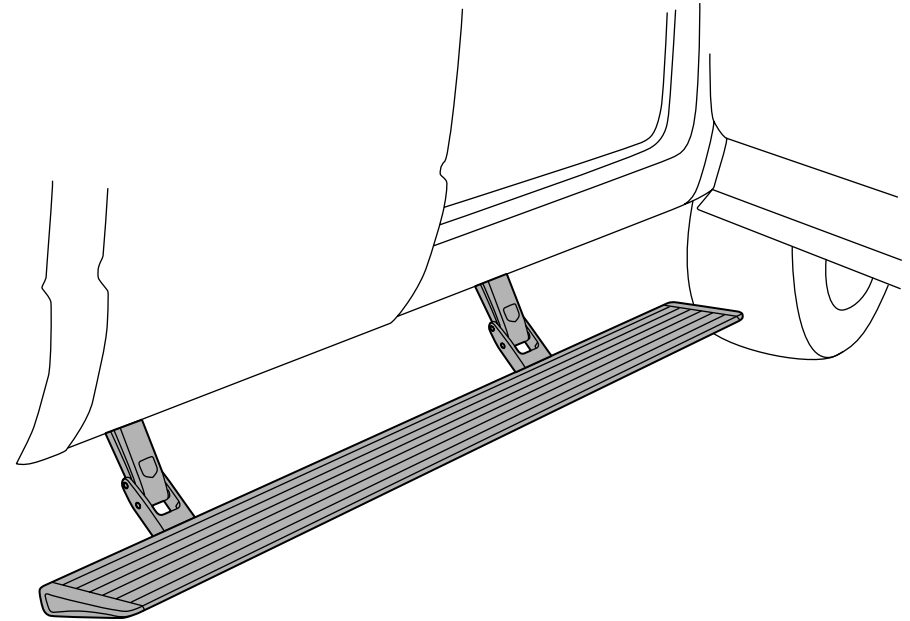
Part Number: 75101

	WARNING
The manufacturer strongly recommends that this product be professionally installed.	

	WARNING
This product is designed to enhance the appearance of the vehicle. Do not rely in any way on the components of this product to contain occupants within the vehicle, or to protect against injury or death in the event of an accident. Never operate vehicle in excess of manufacturer's specifications.	

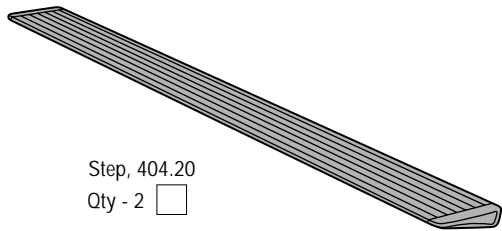
WEAR SEAT BELTS AT ALL TIMES

Read and follow, precisely, all installation instructions provided when installing this product. Failure to do so could place occupants of the vehicle in a potentially dangerous situation. After installing or reinstalling, check to make sure it has been properly installed.	
---	--

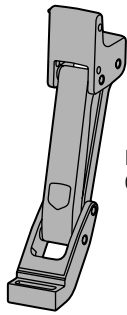


	WARNING
Failure to carefully follow the electrical installation steps could result in severe electrical shock which could harm the installer and/or damage the vehicle.	

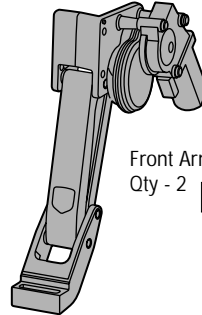
Parts List and Hardware Identification



Step, 404.20
Qty - 2



Rear Arm, 404.28
Qty - 2

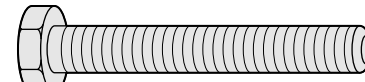


Front Arm, 404.27
Qty - 2

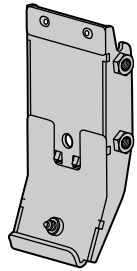


Large Hex Bolt, Qty - 8

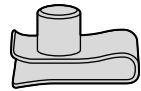
Note: Bolts preinstalled in Mounting Brackets.



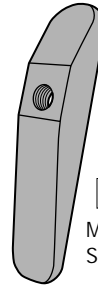
Medium Hex Bolt, Qty - 4



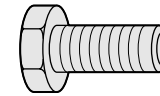
Front Mountin Bracket,
404.30, Qty - 2



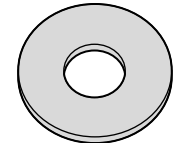
Control Box Mounting
Clip, Qty - 1



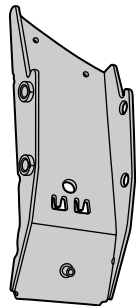
Mounting Bracket
Support Nut, Qty - 4



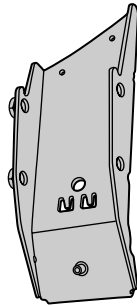
Small Hex Bolt, Qty - 1



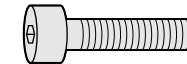
Washer, Qty - 1



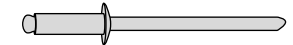
Rear Mounting Bracket -
Driver's Side, 404.31
Qty - 1



Rear Mounting Bracket -
Passenger's Side, 404.32
Qty - 1



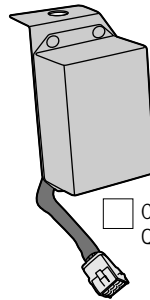
Socket Head Bolt, Qty - 8



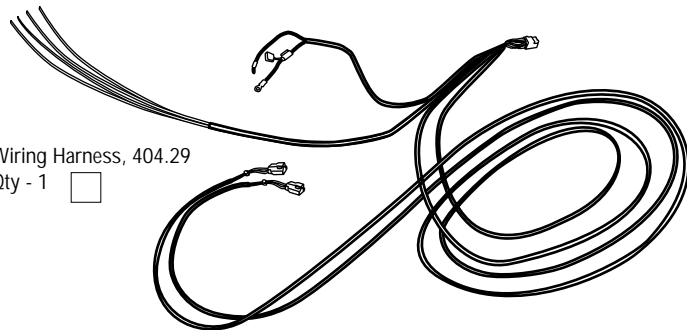
Rivet, Qty - 8



Wire Ties, Qty - 25



Control Box, 404.41
Qty - 1



Wiring Harness, 404.29
Qty - 1

Tools Needed

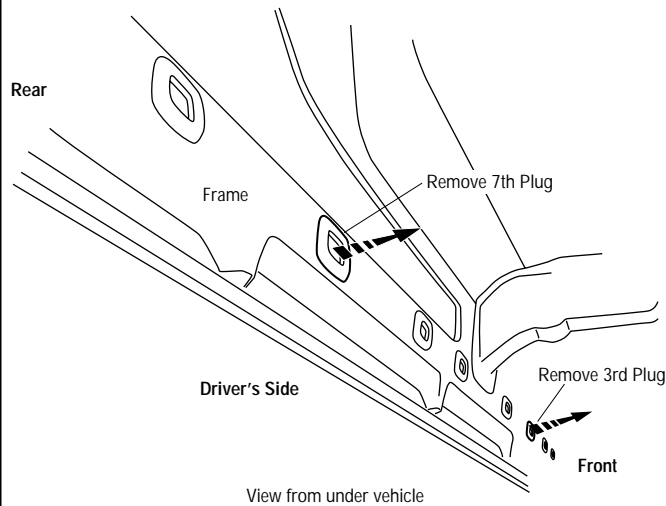
- Tape Measure
- Flat Screwdriver
- Phillips Screwdriver
- Drill Motor with 1/8" Drill bit
- 13mm Wrench
- Wire Crimper
- Corrosion Resistant Paint
- 3/16" Allen Wrench
- 1/8" Allen Wrench
- Rivet Gun
- Solder Kit
- Safety Glasses

Installation

Step One

REMOVE PLUGS - DRIVER'S SIDE

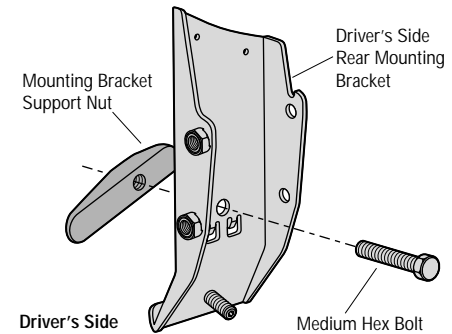
Counting from the front, locate the third (3rd) and seventh (7th) plugs on the inner sill. Use a flat screwdriver to pry them out.



Step Two

ASSEMBLE REAR MOUNTING BRACKET ASSEMBLY - DRIVER'S SIDE

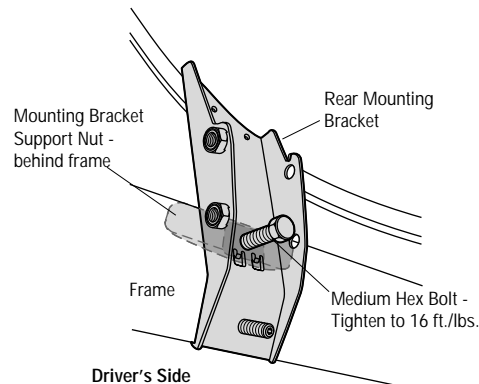
Locate the Rear Mounting Brackets and the Mounting Bracket Support Nuts in the parts kit. Use a Medium Hex Bolt to attach a Support Nut to the back of the Rear Mounting Bracket.



Step Three

INSTALL REAR MOUNTING BRACKET ASSEMBLY - DRIVER'S SIDE

Slide the Support Nut on the Rear Mounting Bracket Assembly into the rear hole where the plug was removed. Pull back on the Hex Bolt to snug the nut and bracket up to each other and use a 13mm wrench to tighten the bolt to 16 ft./lbs. (22 Nm).



Note: Make sure that the two tabs in the bracket rest on the edge of the hole in the sheet metal.

Step Four

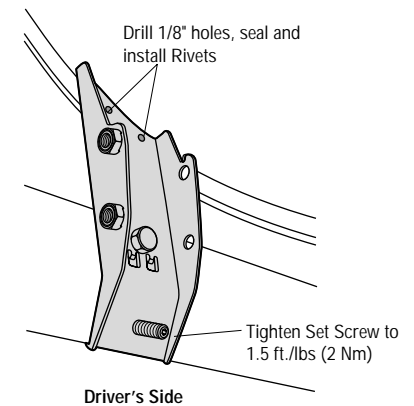
INSTALL REAR MOUNTING BRACKET ASSEMBLY - DRIVER'S SIDE

Use the two small holes in the Rear Mounting Bracket as templates to drill two 1/8" holes. Paint the edges of the holes with Corrosion Protection Paint to prevent rust.

Install a Rivet in each hole.

Use a 1/8" Allen Wrench to tighten the set screw on the bracket to 1.5 ft./lbs. (2 Nm).

Repeat Steps 1-4 with the Front Mounting Bracket.

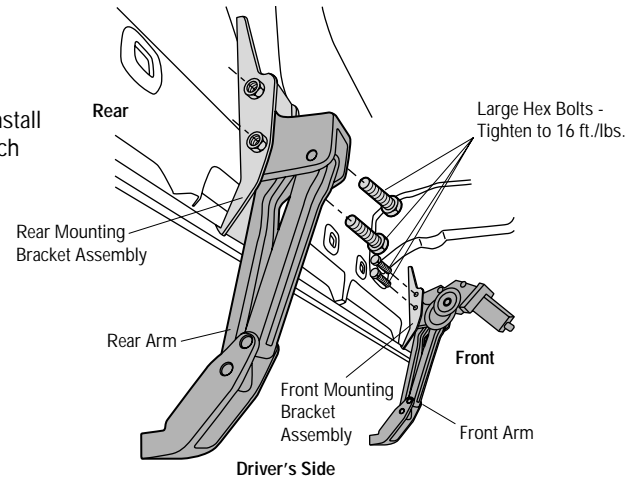


Note: Make sure the bracket is flush with the inner sill before riveting.

Step Five

INSTALL ARMS - DRIVER'S SIDE

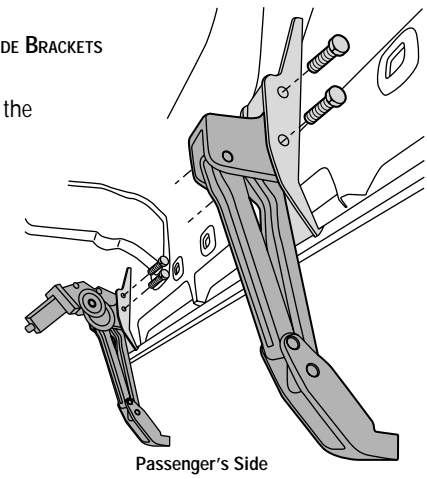
Orient the Front and Rear Arms to the brackets so the platform faces outside the vehicle to support the Step. Install the arms in the brackets with two Large Hex Bolts for each arm. Tighten the bolts to 16 ft./lbs. (22 Nm).



Step Six

INSTALL PASSENGER'S SIDE BRACKETS AND ARMS

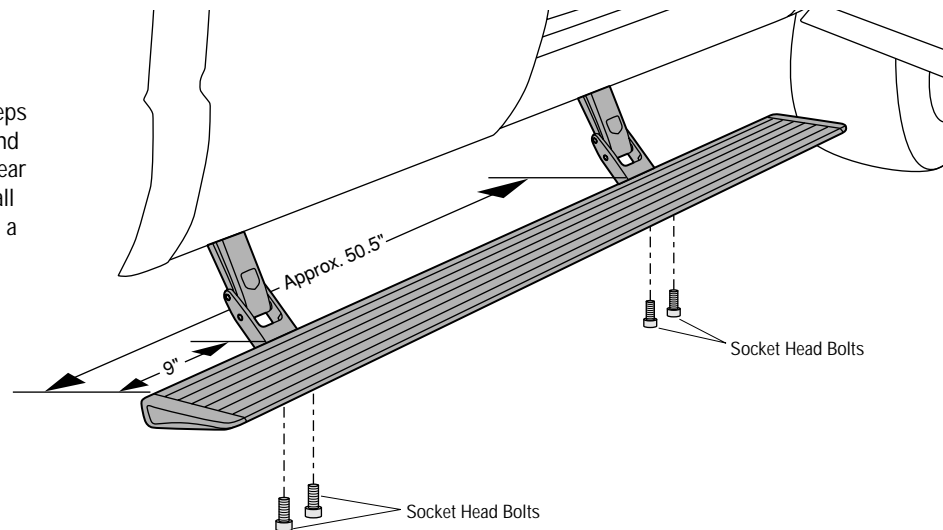
Repeat Steps 1-5 on the passenger side.



Step Seven

INSTALL STEPS

Orient the Steps to the vehicle and align the holes in the Steps with the holes in the Arms. Measuring from the rear, the end of the tread on the Step should be 9" from the rear of the Rear Arm and approx. 50.5" from the rear of the Front Arm. Install two Socket Head Bolts to secure the Step to each Arm. Use a 3/16" Allen Wrench to tighten the bolts to 10 ft./lbs.

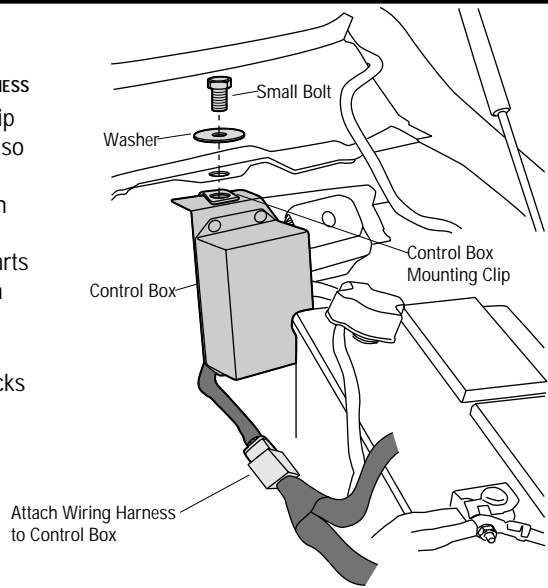


Step Eight

INSTALL CONTROL BOX AND WIRING HARNESS

Place the Control Box Mounting Clip over the flange on the Control Box so that the holes line up. Secure the assembly to the hole in the ledge in the engine compartment with the Small Bolt and Washer from the parts kit. Use a 13mm Wrench to tighten the bolt to 5 ft./lbs (6.5 Nm).

Attach the Wiring Harness to the Control Box. Make certain plug locks are latched.



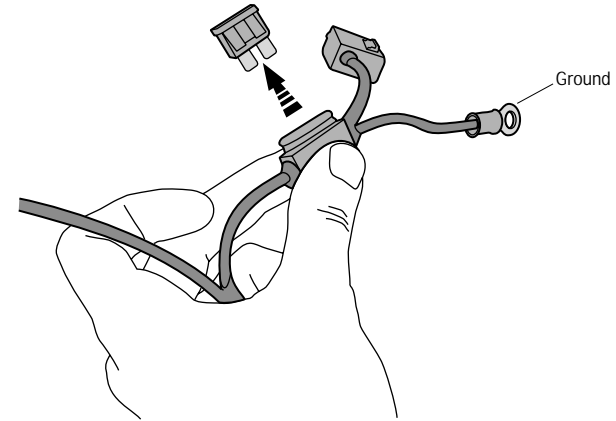
WARNING

Remove the fuse from the Wiring Harness

Step Nine

REMOVE FUSE FROM WIRING HARNESS

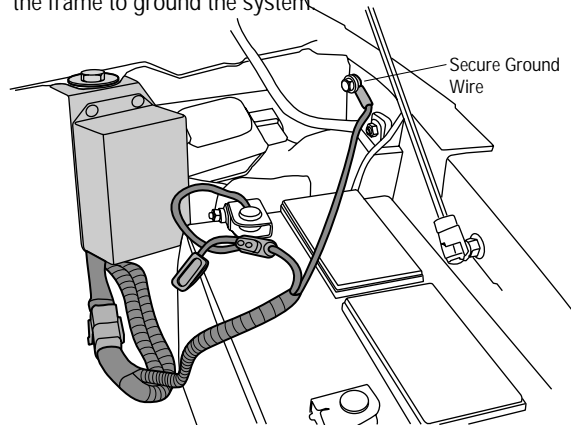
Remove the fuse from the Wiring Harness. Failure to do so could result in severe electrical shock which could harm the installer and/or damage the vehicle.



Step Ten

GROUND WIRING HARNESS

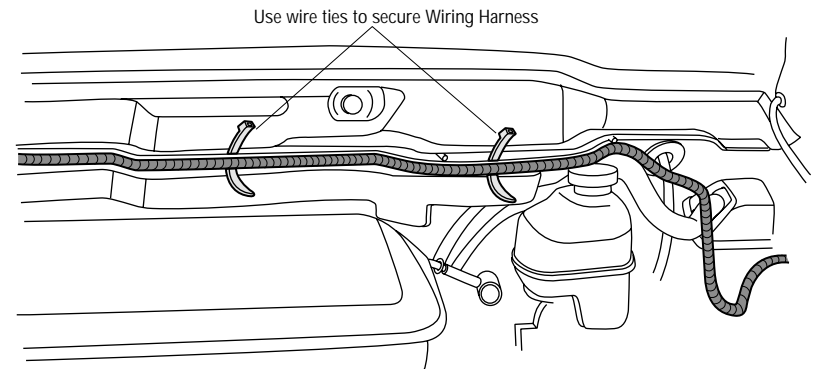
Secure the ground wire on the Wiring Harness to a bolt on the frame to ground the system.



Step Eleven

SECURE WIRING HARNESS

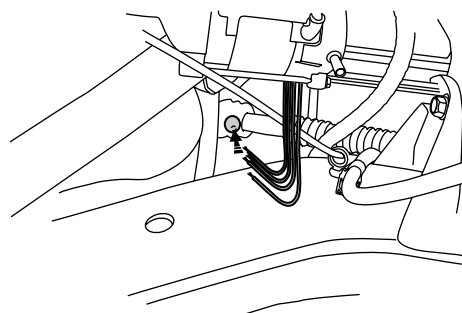
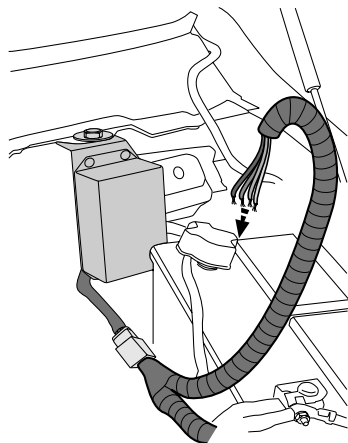
Route the longer leg of the harness that terminates in a plug across the front of the engine compartment and down to the motor on the passenger side step. Route the shorter leg to the motor on the driver's side step. Use the wire ties in the parts kit to secure the harness out of the way.



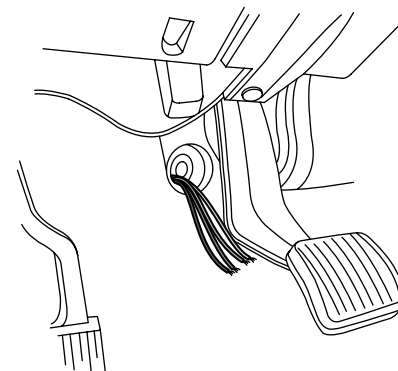
Step Twelve

INSTALL WIRING HARNESS

Route the leg of the Wiring Harness with the unterminated wires down to the grommet access through the firewall. Drill a hole in the grommet and feed the wires through the firewall.



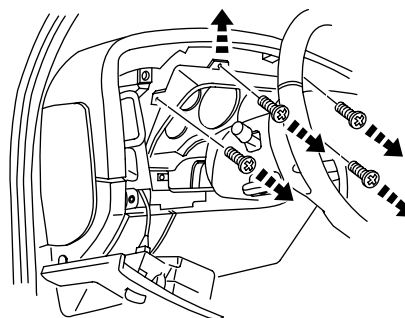
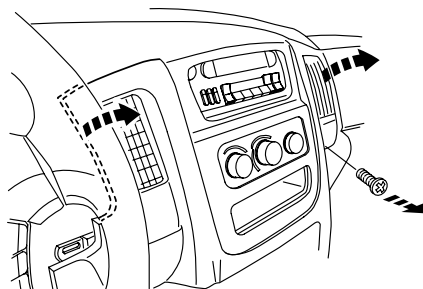
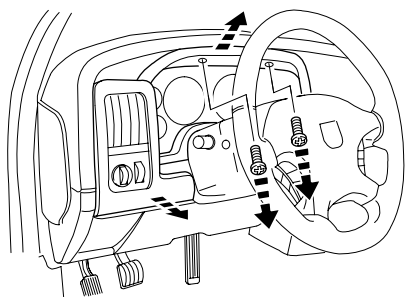
Underside of Vehicle



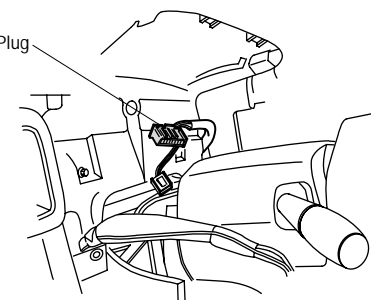
Step Thirteen

REMOVE CLUSTER AND INSTRUMENT PANEL

Remove the cluster and instrument panel to access the plug



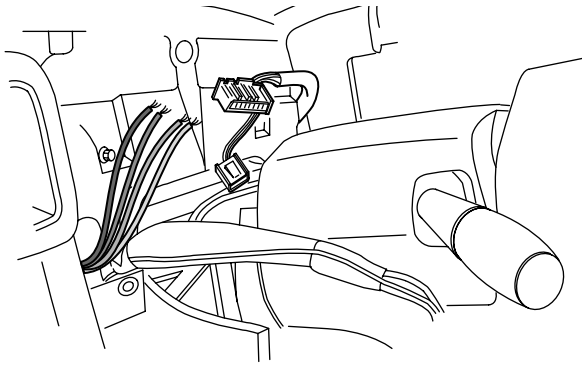
Grey Plug



Step Fourteen

INSTALL WIRING HARNESS

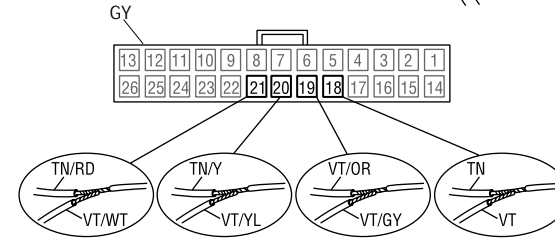
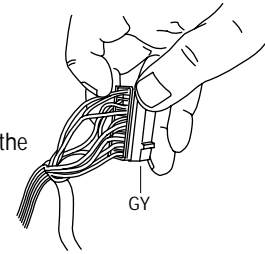
Pull the unterminated wires of the harness up to the plug.



Step Fifteen - 2002 – 2003 Vehicles

CONNECT WIRES TO PLUG

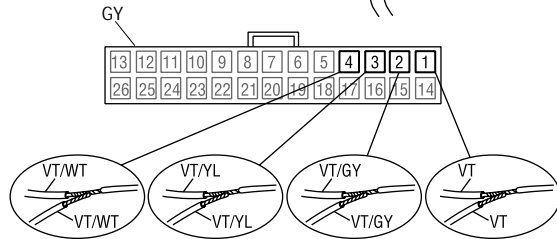
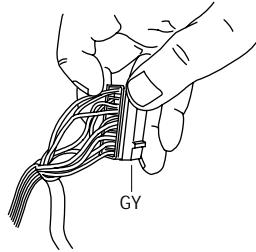
Use a solder kit to connect the wires from the harness to the plug wires as shown.



Step Fifteen - 2004 and Newer Vehicles

CONNECT WIRES TO PLUG

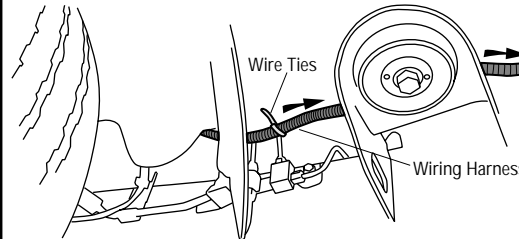
Use a solder kit to connect the wires from the harness to the plug wires as shown.



Step Sixteen

INSTALL WIRING HARNESS

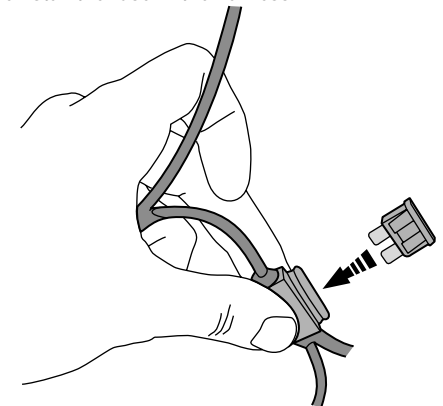
Route harness to motors and secure under vehicle with Wire Ties.



Step Seventeen

REINSTALL FUSE

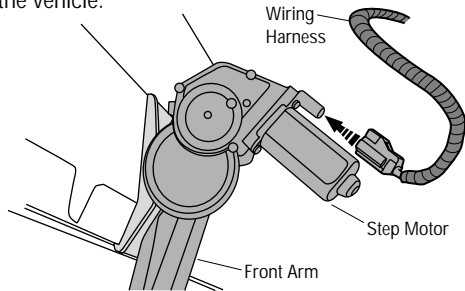
Reinstall the fuse in the harness.



Step Eighteen

PLUG WIRING HARNESS INTO STEP MOTORS

Plug the harness into the Step Motors on each side of the vehicle.

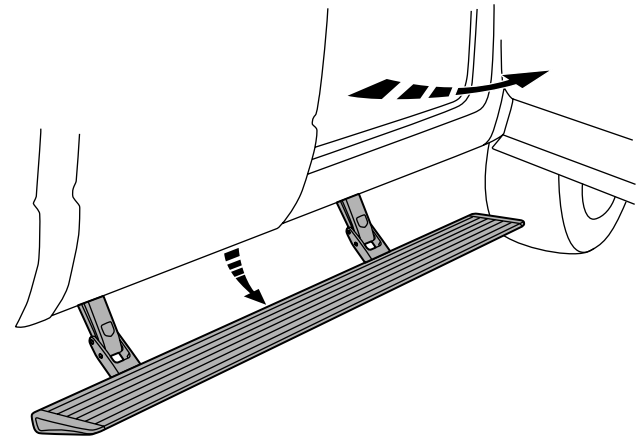


Step Nineteen

TEST DOORS

Open the doors to make sure that the Step drops into position on each side of the vehicle.

Check that all bolts and fasteners are securely tightened.



LIMITED WARRANTY

We warrant our product to be free from defects in material and workmanship, for terms specified below, 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 or replacement of any item or items found by the factory to be defective within the time period specified.

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.

THE WARRANTY TIME PERIOD IS AS FOLLOWS: ALL "HARD GOODS" MANUFACTURED BY OUR COMPANY (USING PRIMARILY VINYL, PLASTICS, AND/OR FOAM): ONE YEAR FROM DATE OF PURCHASE.

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 which vary from state to state.

For further information or request for warranty work, please contact: Bestop Inc.
Customer Service
(800)845-3567
(303)465-1755