



Powerstep Installation Instructions

For: Hummer (H2)

Part Number: 75107



! 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.

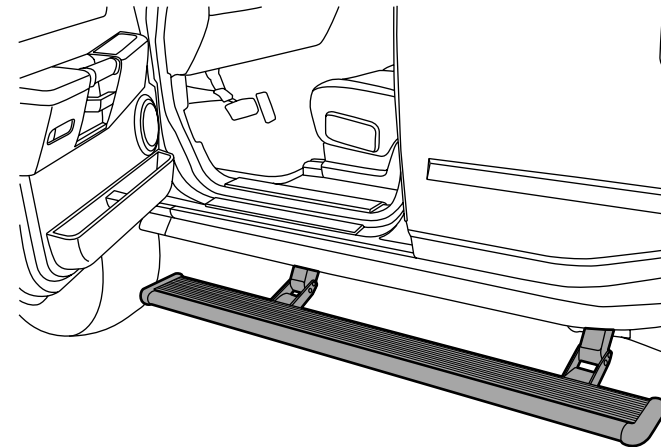


Table of Contents

POWERSTEP RUNNING BOARD PARTS LIST PAGE 2

POWERSTEP RUNNING BOARD TOOLS NEEDED PAGE 2

POWERSTEP RUNNING BOARD INSTALLATION PAGE 3

POWERSTEP RUNNING BOARD WARRANTY PAGE 10

Parts List and Hardware Identification

Step, 404.14 Qty - 2

Rear Arm, 404.12 Qty - 2

New Canister Purge Valve Bracket, Qty - 1

Front Arm, 404.13 Qty - 2

M8 x 40 Bolt, Qty - 1

M8 x 20 Bolt, Qty - 1

Butt Connector, Qty - 4

Nut, Qty - 2

Washer, Qty - 2

Connecting Wire Installation Tube, Qty - 1

T-Tap Connector, Qty - 4

Spade Connector, Qty - 4

Socket Head Bolt, Qty - 8

Double Diode Harness, 404.11 Qty - 2

Rubber Grommet, Qty - 1

Wire Ties, Qty - 25

Wiring Harness, 404.15 Qty - 1

Control Box, 404.42 Qty - 1

Connecting Wire, Qty - 2

- Tools Needed**

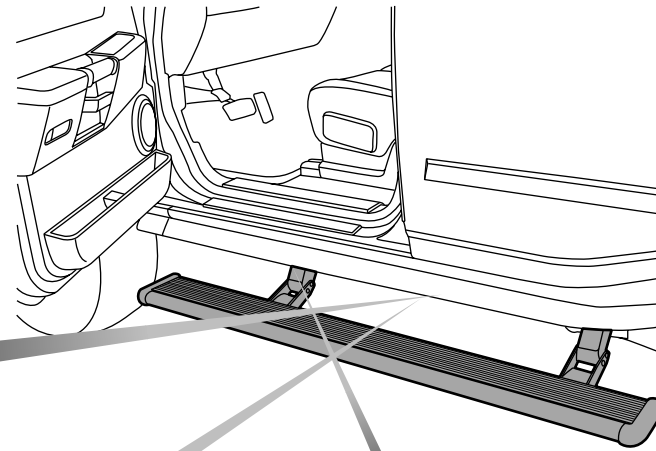
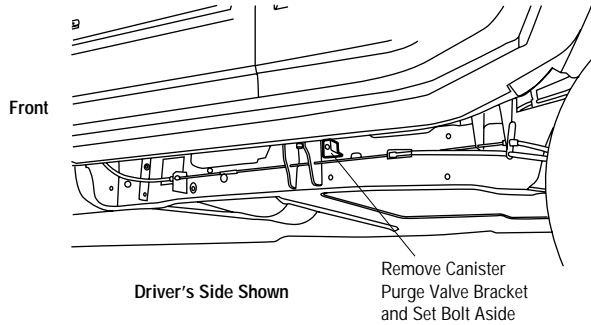
 - Tape Measure
 - Flat Screwdriver
 - Ratchet
 - 13mm Wrench
 - 7mm Socket
 - 13mm Socket
 - 18mm Socket
 - 3/16" Allen Wrench
 - 9/32" Drill Bit and Motor
 - Crimp Tool
 - Wire Cutters
 - Wire Strippers
 - Electrical Tape
 - Silicone Sealant
 - Safety Glasses

Installation

Step One

REMOVE CANISTER PURGE VALVE BRACKET AND ROCK RAIL

Remove the Canister Purge Valve Bracket from the Rock Rail. Set the bolt aside to be reused later. Then remove the ten bolts that secure the Rock Rail to the vehicle. Set these bolts aside also. Some of them will be used again later.

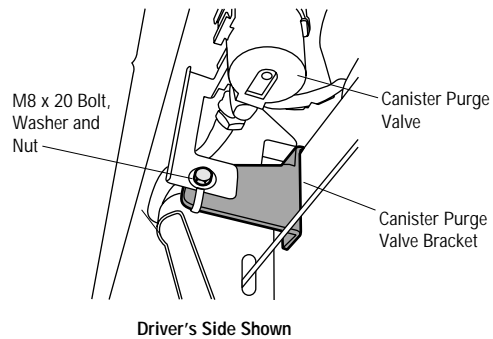


Step Two

INSTALL NEW CANISTER PURGE VALVE BRACKET

Locate the 4th set of holes from the front on the inner sill. Place the Canister Purge Valve Bracket from the Parts Kit over the holes and install it with the bolt that was removed in Step One.

Install the Canister Purge Valve on the bracket using an M8 x 20 Bolt, Nut and Washer.

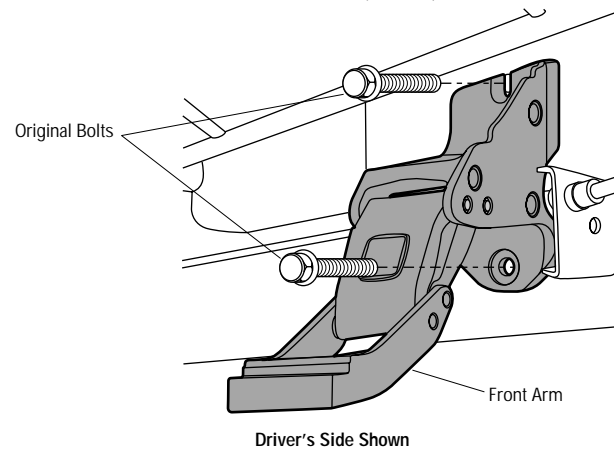


Step Three

INSTALL FRONT ARM

Locate the second set of holes from the front of the sill. Use an 18mm Socket to remove the bolts and use them to install the Front Arm.

Tighten the bolts on the Arms to 16 ft./lbs. (22 Nm).

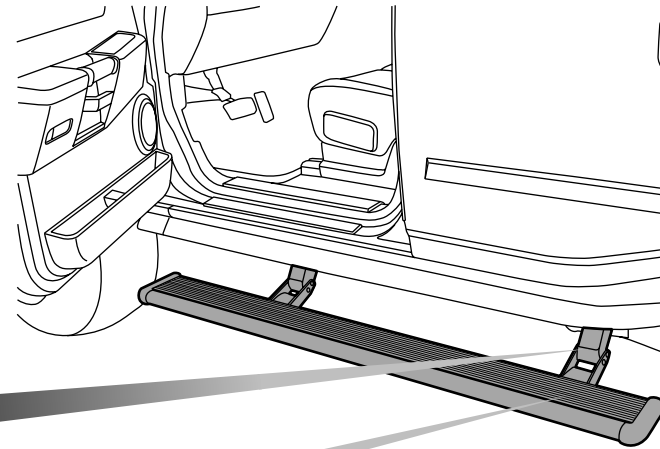
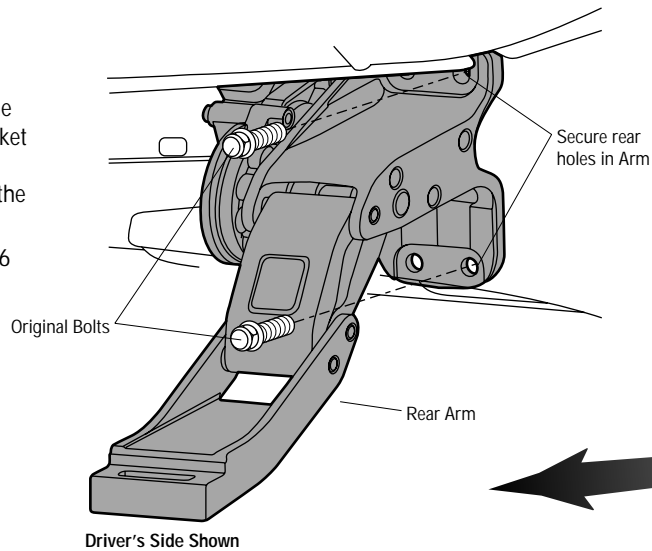


Step Four

INSTALL REAR ARM

Locate the fifth set of holes from the front of the sill. Use an 18mm Socket to remove the bolts. Place the rear holes in the arm over the holes in the vehicle and reinstall the bolts.

Tighten the bolts on the Arms to 16 ft./lbs. (22 Nm).

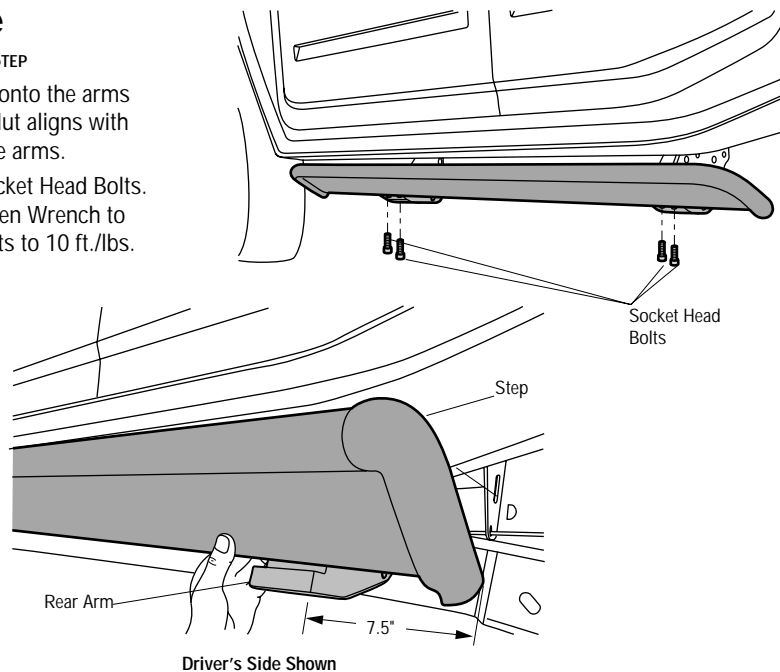


Step Five

MOUNT POWER STEP

Slide the Step onto the arms so that the T-Nut aligns with the holes in the arms.

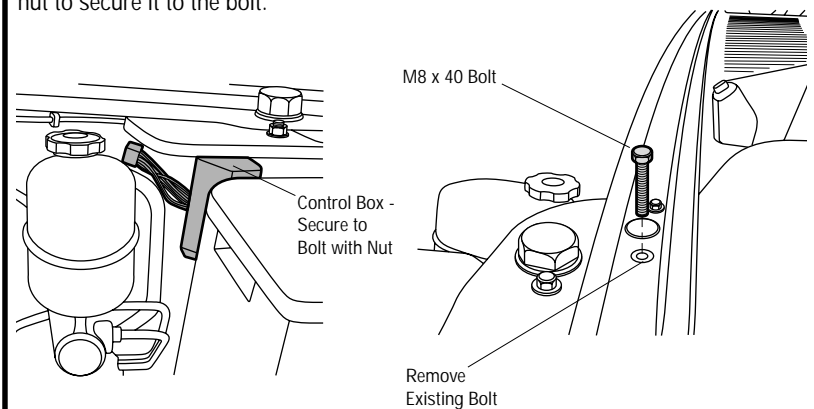
Install four Socket Head Bolts. Use a 3/16" Allen Wrench to tighten the bolts to 10 ft./lbs. (13.5 Nm).



Step Six

INSTALL CONTROL BOX

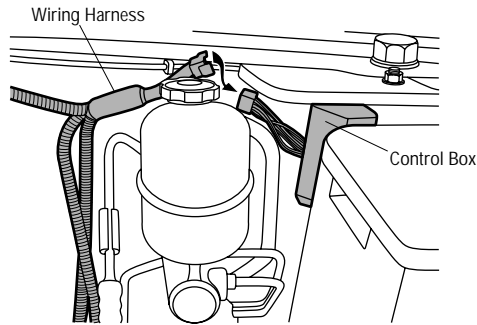
Locate the remove the Hood Support Bolt on the far left of the engine compartment. Install the M8 x 40 Bolt in the hole. Place the Control Box under the ledge and use a nut to secure it to the bolt.



Step Seven

INSTALL WIRING HARNESS

Attach the Wiring Harness to the Control Box.



WARNING

Remove the fuse from the Wiring Harness

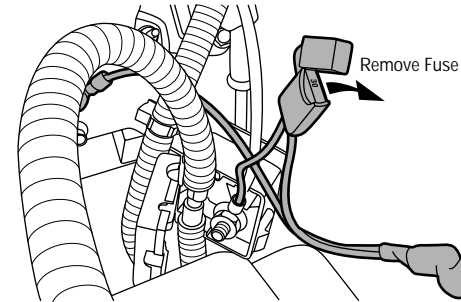
Step Eight

REMOVE FUSE FROM WIRING HARNESS AND SECURE LEADS

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.

Attach the RED Power Lead Wire to the POSITIVE Lead in the Junction Box.

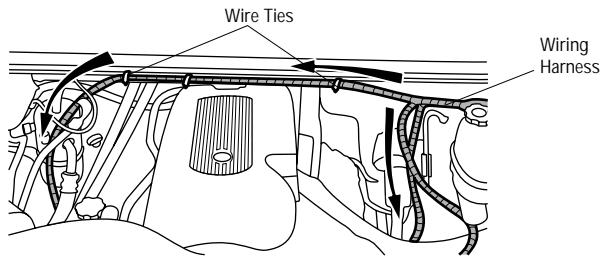
Attach the Ground Lead to the Junction Box Mounting Bracket Bolt.



Step Nine

SECURE WIRING HARNESS

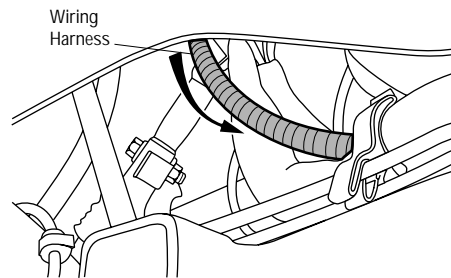
Route the longer leg of the harness across the front of the engine compartment and down to the passenger's side wheel well. Route the shorter leg to the driver's side wheel well. Use the wire ties in the parts kit to secure the harness out of the way.



Step Ten

SECURE WIRING HARNESS

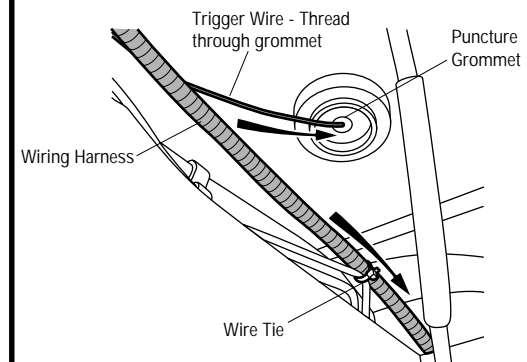
Route the Wiring Harness along the frame. Secure it with Zip Ties as you go.



Step Eleven

INSTALL TRIGGER WIRE

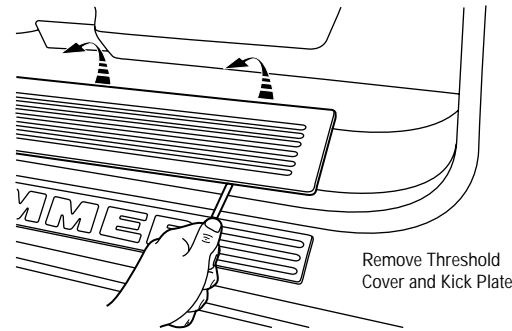
Puncture the rubber grommet near the front door on the underside of the floor with a screwdriver. Thread the Trigger Wire from the Wiring Harness through the hole.



Step Twelve

REMOVE THRESHOLD COVER AND KICK PLATE

Use a screwdriver to remove the Threshold Cover and Kick Plate from the door opening and roll back the carpet to access the wiring underneath.

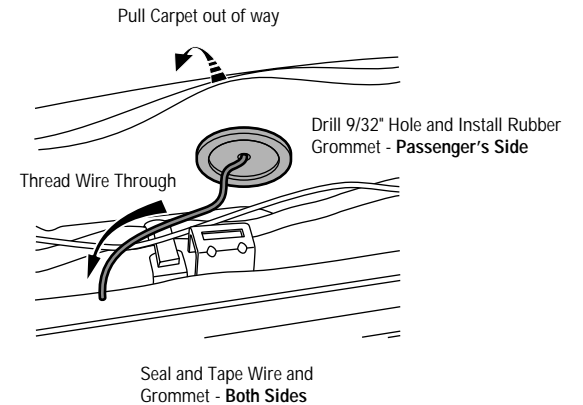


Step Thirteen – Driver's Side

THREAD TRIGGER WIRE THROUGH GROMMETS

Pull up the carpet. Thread the purple Trigger Wire through the floor panel.

Seal the wire and grommet with Silicone Sealant and cover them with Electrical Tape to keep them from sticking to the carpet.



Step Thirteen – Passenger's Side

THREAD TRIGGER WIRE THROUGH GROMMETS

Pull up the carpet. Drill a 9/32" hole in the metal. Install the Rubber Grommet from the Parts Kit.

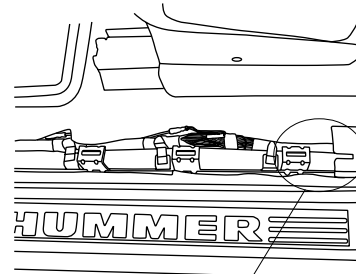
Thread the purple Trigger Wire through the grommet.

Seal the wire and grommet with Silicone Sealant and cover them with Electrical Tape to keep them from sticking to the carpet.

Step Fourteen – Driver's Side

INSTALL T-TAP CONNECTOR

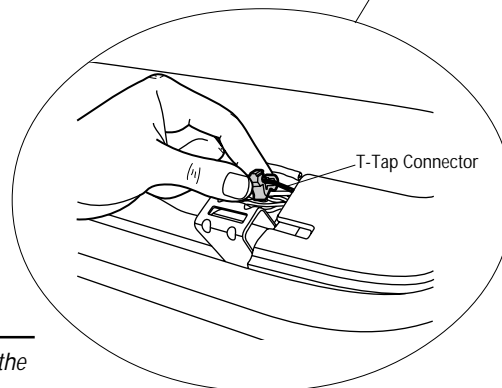
Carefully remove the wrap on the wiring harness in the door opening. Locate the light blue wire with a black stripe. Install a T-Tap Connector on this wire.



Step Fourteen – Passenger's Side

INSTALL T-TAP CONNECTOR – PASSENGER'S SIDE

Carefully remove the wrap on the wiring harness in the door opening. Locate the light green wire with a black stripe. Make sure that you are behind the "T" junction that leads under the seat and install a T-Tap Connector on this wire.

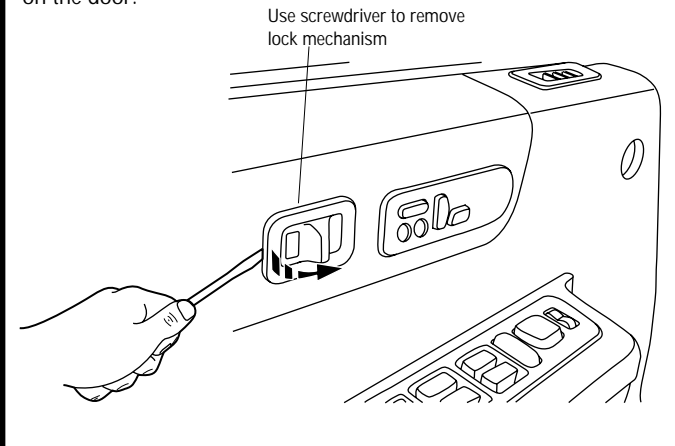


Note: On the passenger side, it is very important that you place the T-Tap Connector behind the junction that leads under the seat.

Step Fifteen

REMOVE DOOR LOCK

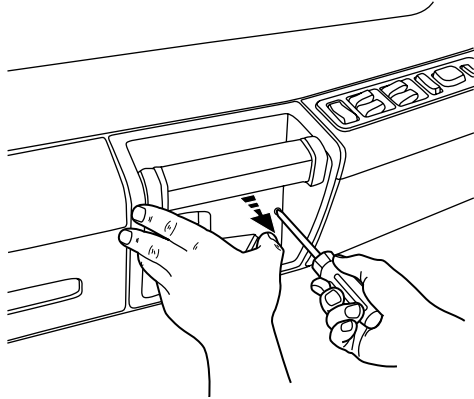
Use a flat screwdriver to pry up the lock mechanism on the door.



Step Sixteen

REMOVE DOOR HANDLE SHIELD

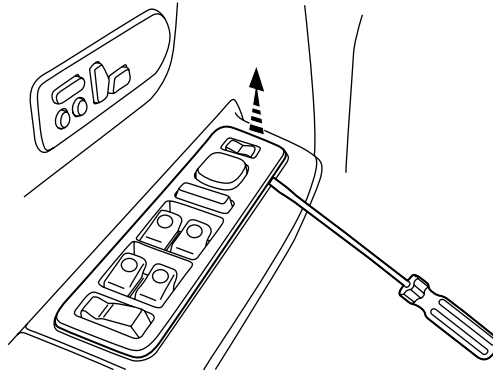
Use a phillips screwdriver to remove the screws that secure the door handle shield and use 7mm socket to remove the two panel screws behind the shield.



Step Seventeen

REMOVE SWITCH PLATE

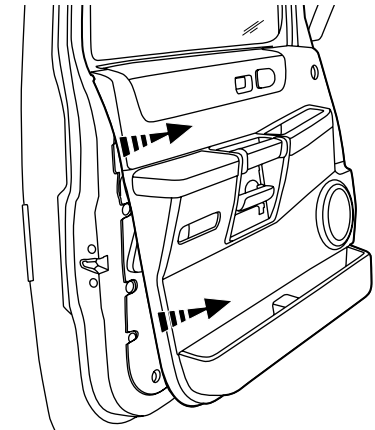
Use a flat screwdriver to remove the switch plate on the door. Unplug the plate



Step Eighteen

REMOVE DOOR PANEL

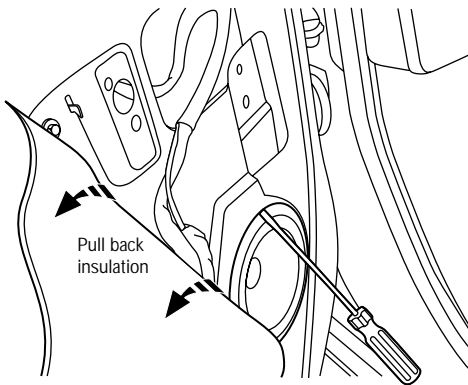
Use a flat screwdriver to pry loose the door panel. Unplug the door light and remove the panel.



Step Nineteen

REMOVE SPEAKER

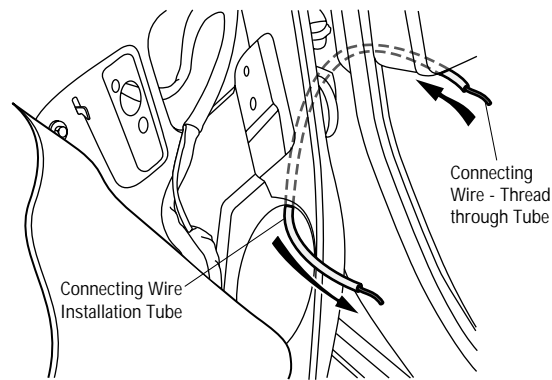
Pull back the insulation on the door to access the speaker. Use a flat screwdriver to remove the speaker. Carefully disconnect speaker wire.



Step Twenty

THREAD CONNECTING WIRE

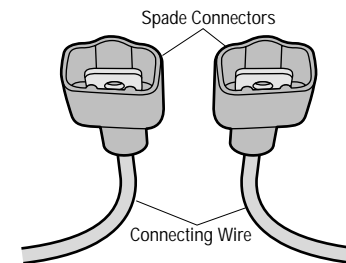
Locate the plastic Connecting Wire Installation Tube in the parts kit. Thread the tube through the accordion between the vehicle and the door. Then thread the Connecting Wire through the tube. Once the wire is in place, remove the tube.



Step Twenty-One

ATTACH SPADE CONNECTORS TO CONNECTING WIRE

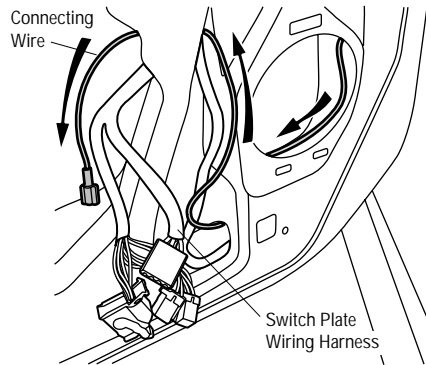
Use a crimping tool to install the two Spade Connectors in the Parts Kit on each end of the Connecting Wire. Make sure that each spade is centered within the insulation after crimping.



Step Twenty-Two

ROUTE CONNECTING WIRE IN DOOR

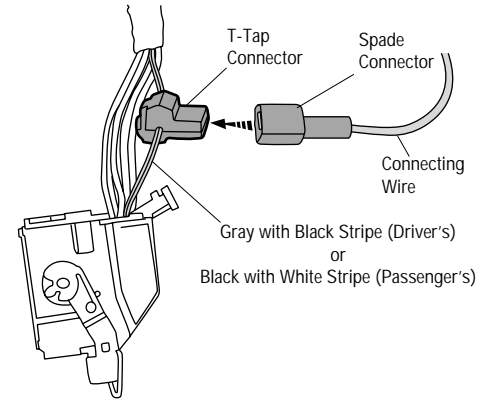
Thread the Connecting Wire along the path of the Wiring Harness that goes to the switch plate in the door.



Step Twenty-Three – Driver's Side

INSTALL T-TAP CONNECTOR

Locate the **Gray Wire with a Black Stripe** in the Switch Plate Wiring Harness. Install a T-Tap Connector on this wire. Connect the Spade Connector on the Connecting Wire to the T-Tap Connector.



Step Twenty-Three – Passenger's Side

INSTALL T-TAP CONNECTOR

Locate the **Black Wire with a White Stripe** in the Switch Plate Wiring Harness. Install a T-Tap Connector on this wire. Connect the Spade Connector on the Connecting Wire to the T-Tap Connector.



Caution

Unsecured wire may interfere with window operation.

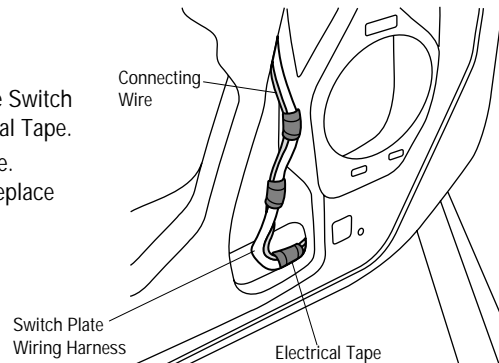
Step Twenty-Four

REASSEMBLE THE DOOR

Secure the Connecting Wire to the Switch Plate Wiring Harness with Electrical Tape.

Push the insulation back into place. Reconnect the speaker wire and replace the speaker.

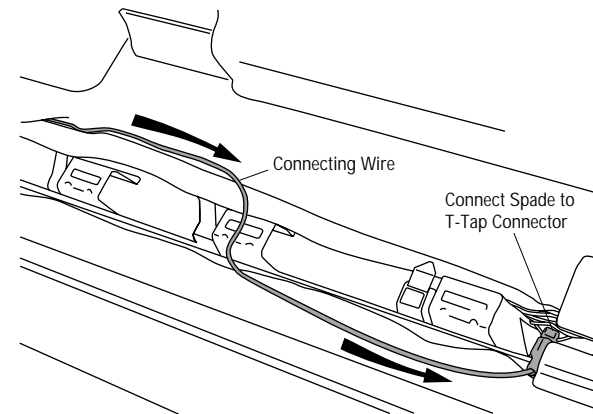
Reinstall the door panel.



Step Twenty-Five

ROUTE CONNECTING WIRE IN VEHICLE

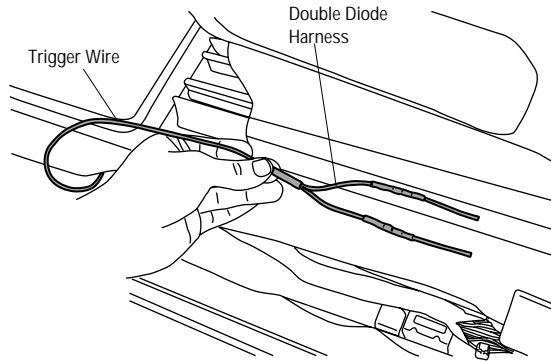
Thread the other end of the Connecting Wire along the path of the wiring harness in the bottom of the door opening. Connect the Spade Connector on the Connecting Wire to the T-Tap Connector installed in Step Fourteen.



Step Twenty-Six

INSTALL DOUBLE DIODE HARNES

Use a crimping tool to attach the Double Diode Harness to the end of the purple Trigger Wire.

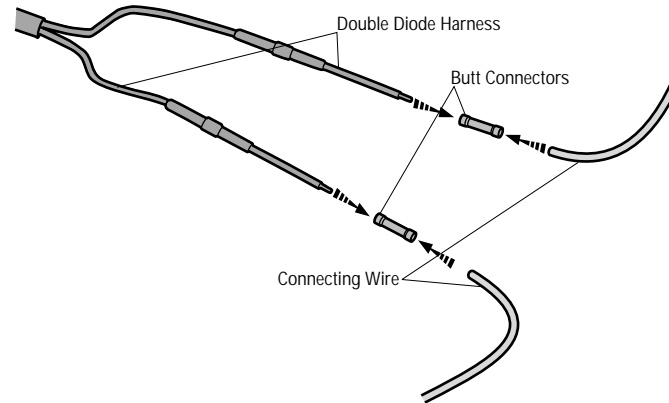


Step Twenty-Seven

ATTACH CONNECTING WIRE TO DOUBLE DIODE HARNES

Cut the Connecting Wire near the Double Diode Harness. Use a Butt Connector to connect each end of the Connecting Wire to a leg of the harness.

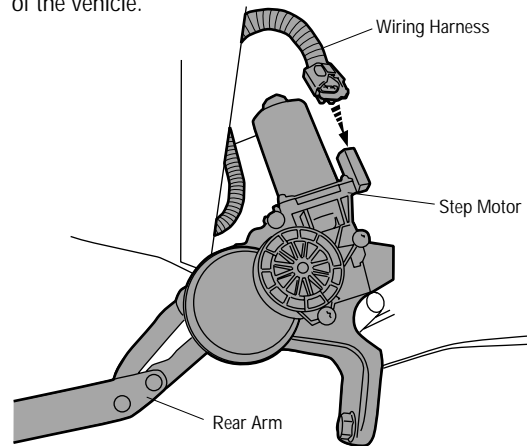
Secure the wires and reinstall the Threshold Cover and Kick Plate.



Step Twenty-Eight

PLUG WIRING HARNES INTO STEP MOTORS

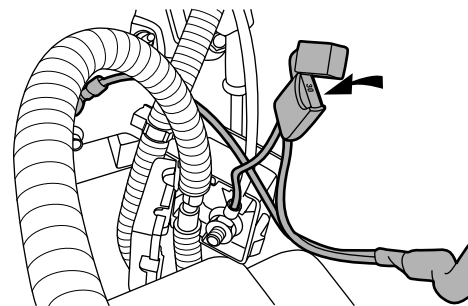
Plug the harness into the Step Motors on each side of the vehicle.



Step Twenty-Nine

REINSTALL FUSE

Reinstall the fuse in the harness.

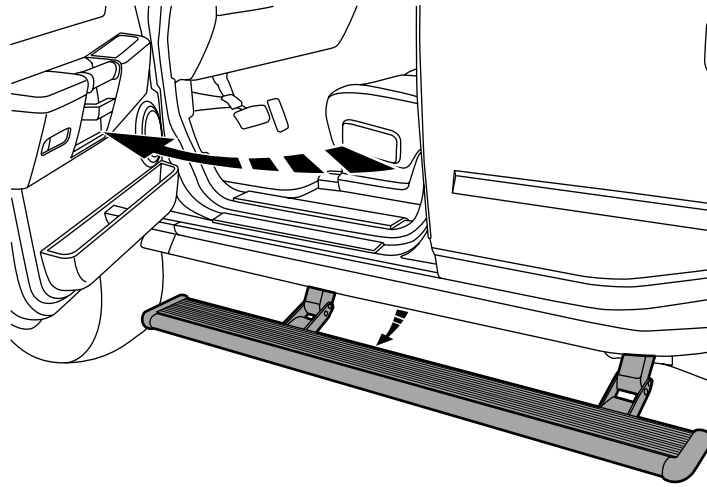


Step Thirty

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.



Tip

CHECK STEP OPERATION

Before reassembling the doors, reinstall the fuse and reconnect the plugs to check that the Steps function properly.

Step Thirty-One

REASSEMBLE DOORS

Once you have checked that the Steps function properly, reassemble the doors.

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