



Installation Instructions



Power Step




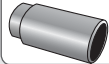

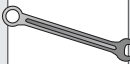




Automatic Retracting
Running Board

Vehicle Application

- Jeep Wrangler TJ
2003 - 2006
Part Number: 75117-01

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INSTALLATION TIME	SKILL LEVEL
	
3 Hours	4 - Difficult

TOOLS				
 Flat-Head Screwdriver	 Phillips Screwdriver	 Ratchet	 Socket 13 mm	 Extension
 Wrench 13 mm, 3/4"	 Allen Wrench 4 mm and 3/16"	 Crimp Tool	 Electrical Tape	 Safety Glasses



- ⚠ WARNING** The manufacturer strongly recommends that this product be professionally 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.

⚠ WARNING This product is designed primarily to enhance the appearance of the vehicle and to shield the occupants from ordinary weather conditions. 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. This product will not protect the occupants from falling objects. Never operate the vehicle in excess of manufacturer's specifications.

WEAR SEAT BELTS AT ALL TIMES

Read and follow, precisely, all installation instructions provided when installing product. Failure to do so may result in a poor fit and could place occupants of the vehicle in a potentially dangerous situation.

Power Step – Installation Instructions

Parts List and Hardware Identification

Step, Qty - 2

T-Tap Connector, Qty - 2

Spade Connector, Qty - 2

Rear Arm, Qty - 2

Front Arm, Qty - 2
Driver's Side Shown

Rivet Nut, Qty - 9

Rivet Nut Insertion Assembly - Nut, Qty - 1

Rivet Nut Insertion Assembly - Bolt, Qty - 1

Front Bracket, Qty - 2

Rear Bracket, Qty - 2

Motor, Qty - 2
Driver's Side Shown

Control Box, Qty - 1

Large Hex Bolt, Qty - 4

M8 x 35 Hex Bolt, Qty - 8

Small Cap Head Bolt, Qty - 6

Medium Cap Head Bolt, Qty - 8

M8 Washer, Qty - 17

Locking Nut, Qty - 4

Washer, Qty - 6

Wire Ties, Qty - 25

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NOTE Complete Steps 1 – 6 on the Driver's Side then repeat them on the Passenger Side. The illustrations show the Driver's Side.

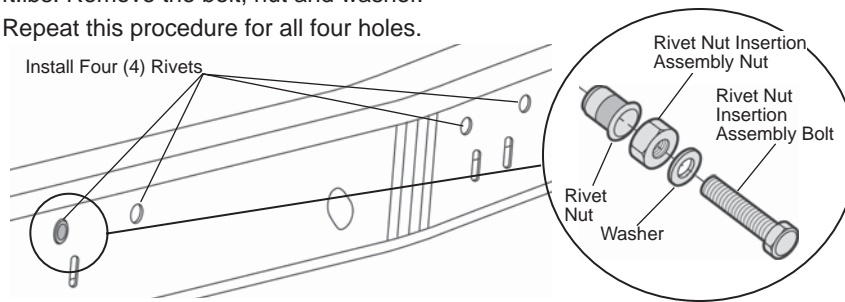
1 Assemble Rivet Nut Insertion Assembly

Slide a Washer over the Rivet Nut Insertion Assembly Bolt and follow it with the Rivet Nut Insertion Assembly Nut and a Rivet Nut.

Place the Rivet Nut Insertion Assembly into one of the holes in the frame.

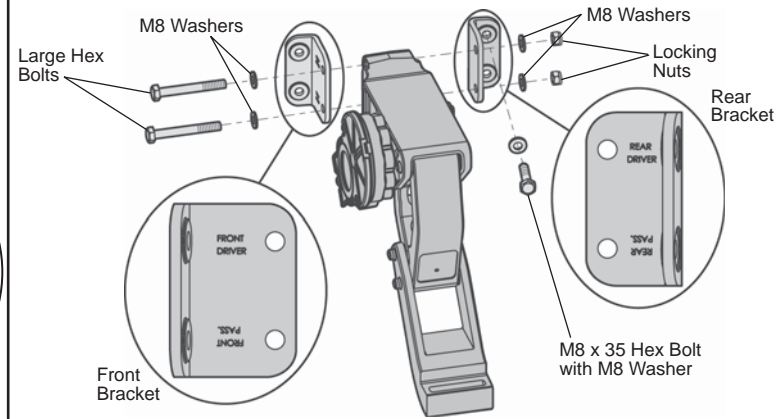
Use a Wrench and a Socket to hold the Assembly square and flush with the hole. Make sure the rivet nut sits flush with the frame and tighten the bolt to 30 ft.lbs. Remove the bolt, nut and washer.

Repeat this procedure for all four holes.



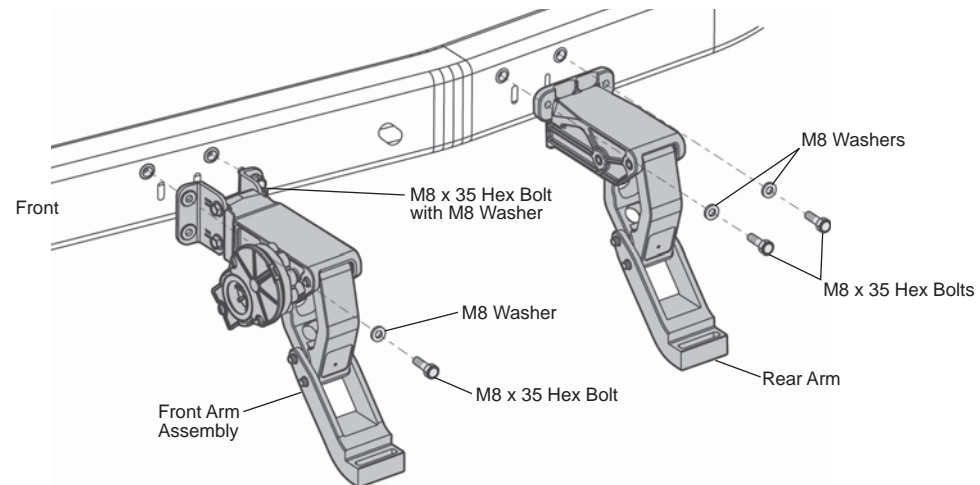
2 Install Brackets on Front Arm

Orient a Front and Rear Bracket on the Front Arm. Place the Front Bracket on the side of the arm with the gear assembly. Place an M8 x 35 Hex Bolt with an M8 Washer through the top hole of the Rear Bracket, which will mount the arm to the vehicle. Then attach the brackets to the arm with two (2) Large Hex Bolts, four (4) M8 Washers and two (2) Locking Nuts.



3 Install Front and Rear Arms

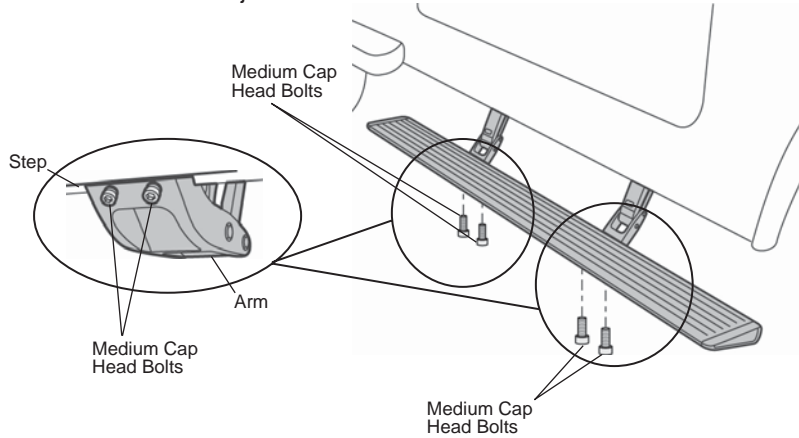
Mount the Front and Rear Arms to the Rivet Nuts installed in Step 1. Use two (2) M8 x 35 Hex Bolts and M8 Washers for each arm (including the bolt and washer installed on the Front Arm in Step 2).



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4 Install Step

To mount the Steps to the arms, slide the mounting T-Nut into position. Install two Medium Cap Head Bolts to secure the Step to each Arm. Loosely tighten the bolts to allow for adjustments.



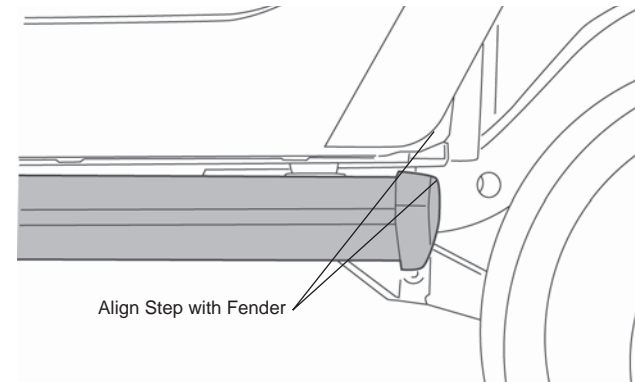
6 Tighten Bolts

Tighten the bolts in the preceding steps to 20 ft. lbs (27Nm).

Repeat Steps 1 – 6 to install the passenger side Step.

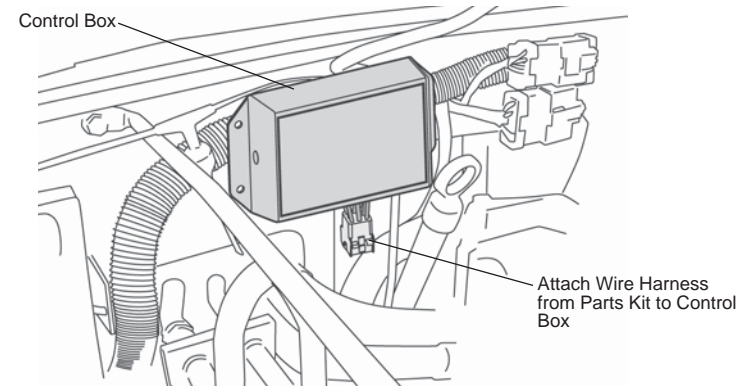
5 Align Step

Align the rear of the step with the rear fender well. Use a 3/16" Allen Wrench to tighten the bolts to 10 ft./lbs (13.5 Nm).



7 Install Control Box

Use wire ties to secure the Control Box to the wire harness on the firewall in the engine compartment. Attach the Wiring Harness from the parts kit to the Control Box.

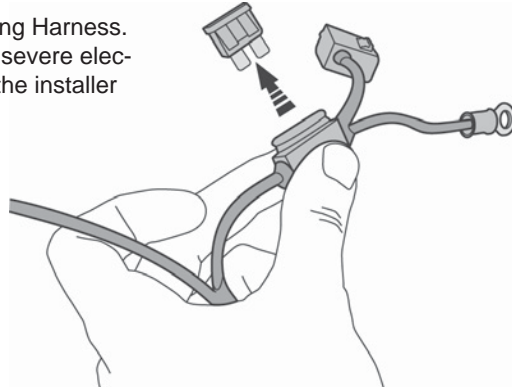


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! WARNING Remove the fuse from the Wiring Harness.

8 Remove Fuse from Wiring Harness

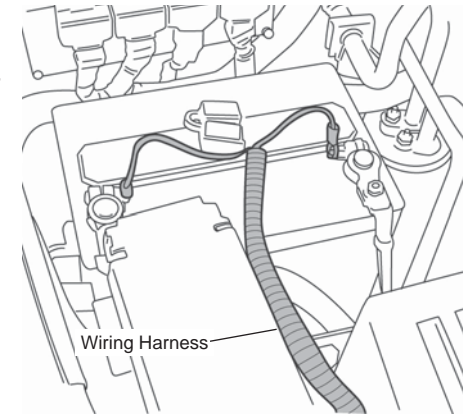
Remove the fuse from the Wiring Harness. Failure to do so could result in severe electrical shock which could harm the installer and/or damage the vehicle.



! CAUTION Do not ground the wrench when engaged with the Nut

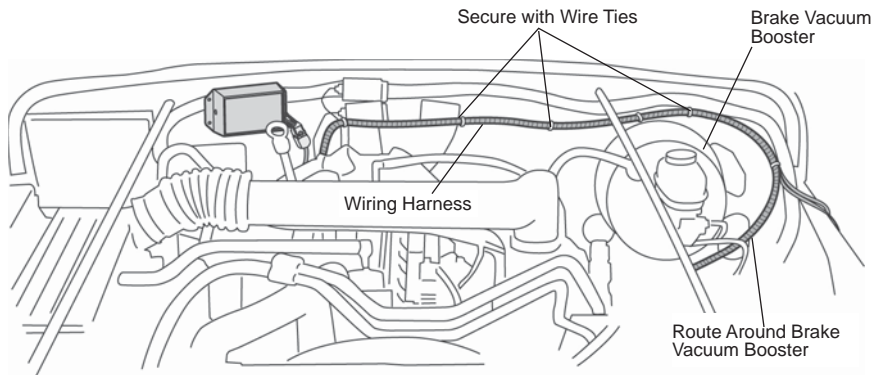
9 Secure Leads

Attach the red wire to the positive lead on the battery. Attach the black wire to the negative lead on the battery.



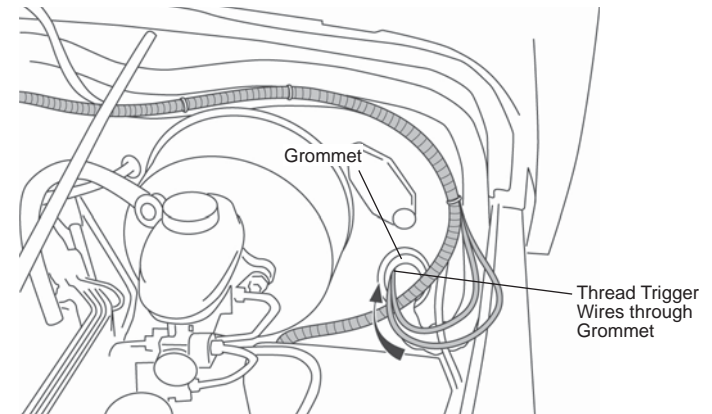
10 Install Wiring Harness

Route the long leg of the harness, with the trigger wires, along the firewall and around the brake vacuum booster. Secure it along the way with Wire Ties.



11 Install Trigger Wires

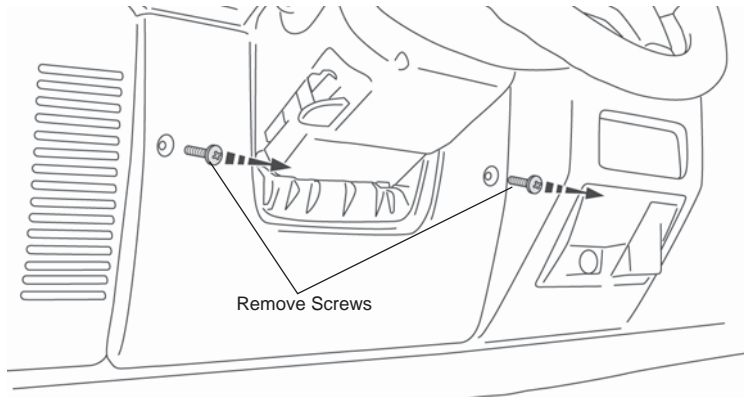
Locate the grommet in the firewall and thread the Trigger Wires from the Wiring Harness through the grommet.



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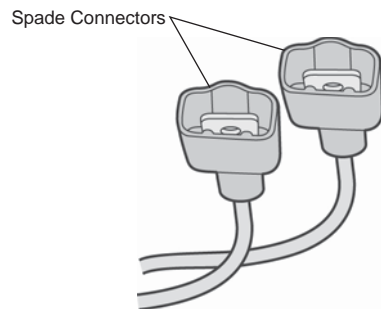
12 Remove Panel Under Steering Column

Remove the two (2) phillips screws that secure the panel under the steering column. Set the screws aside to be reused later.



14 Install Spade Connectors

Install a Spade Connector on each of the Trigger Wires. Make sure that the connector is centered in the plastic housing.



13 Install T-Tap Connectors

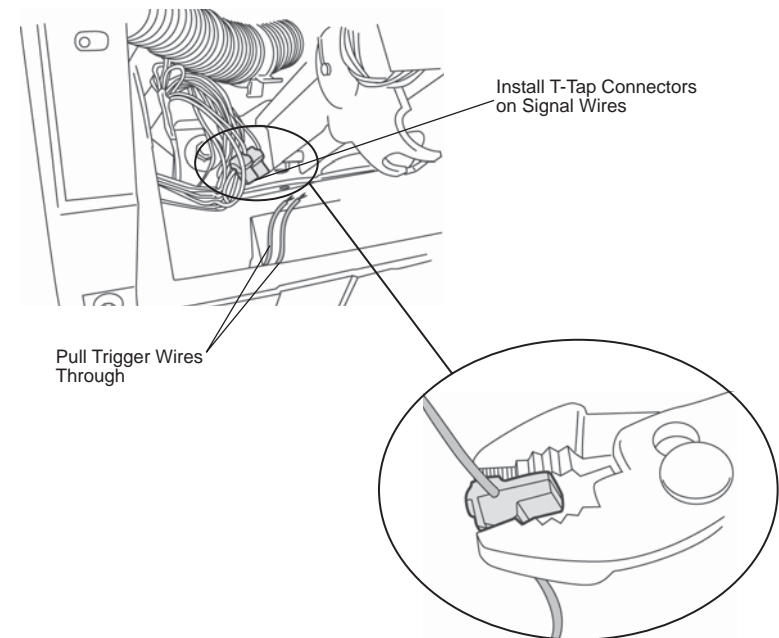
Pull the Trigger Wires up through the panel opening.

Locate the signal wires in the vehicle harness.

Driver's Side: (05-06) Purple Wire
(03-04) Tan Wire

Passenger Side: (05-06) Purple Wire with Yellow Stripe
(03-04) Tan Wire with Yellow Stripe

Use a crimp tool or pliers to clamp a T-Tap Connector to each of the signal wires.

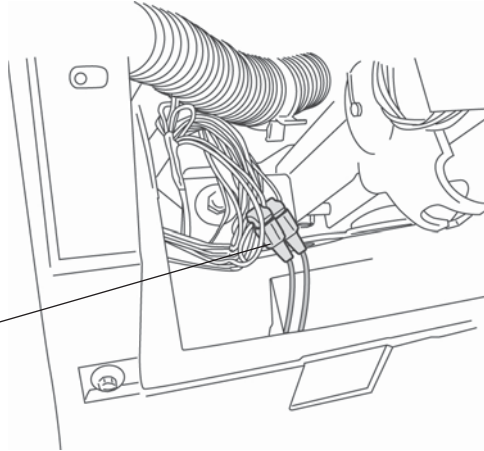


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15 Attach Spade Connectors to T-Tap Connectors

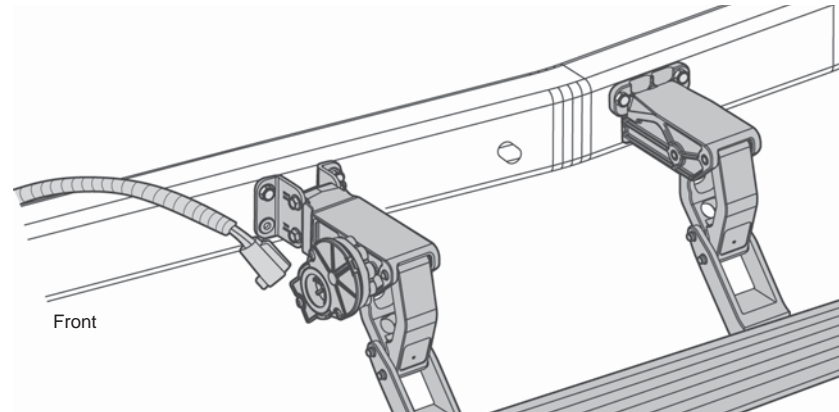
Connect the Spade Connectors to the T-Tap Connectors. Make sure that the solid color Trigger Wire connects to the solid color signal wire from the vehicle and that the striped wires are connected.

Attach Spade Connectors to T-Tap Connectors



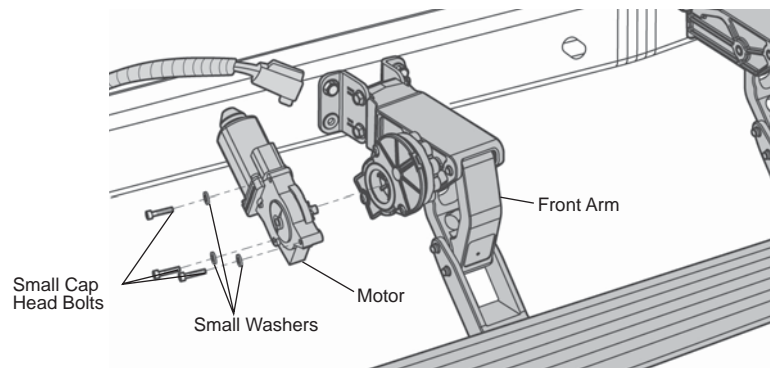
16 Route Wiring Harness to Front Arms

Route the legs of the Wiring Harness under the vehicle to the Front Arms. Secure it to the frame with Wire Ties.



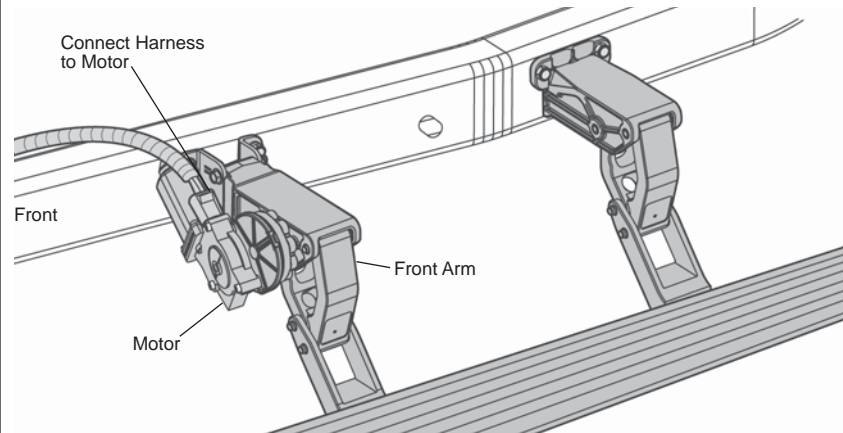
17 Install Motors on Front Arms

Use three (3) Small Cap Head Bolts and three (3) Small Washers to install a Motor on each front Arm. You may have to lift up the Step so that the gears mesh properly. Tighten the bolts to 80 in. lbs (9Nm).



18 Connect Wiring Harness

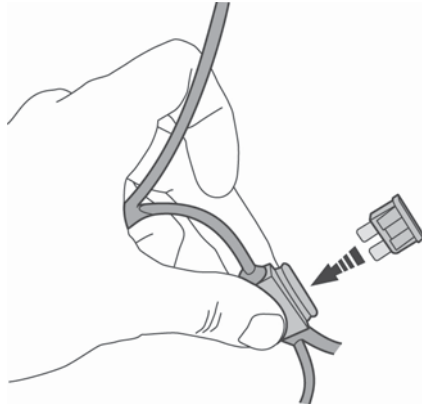
Connect the Wiring Harness to the Motor on each side of the vehicle.



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19 Reinstall Fuse

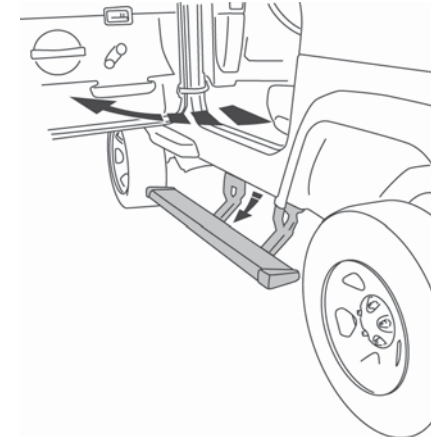
Reinstall the fuse in the harness.



20 Test Doors

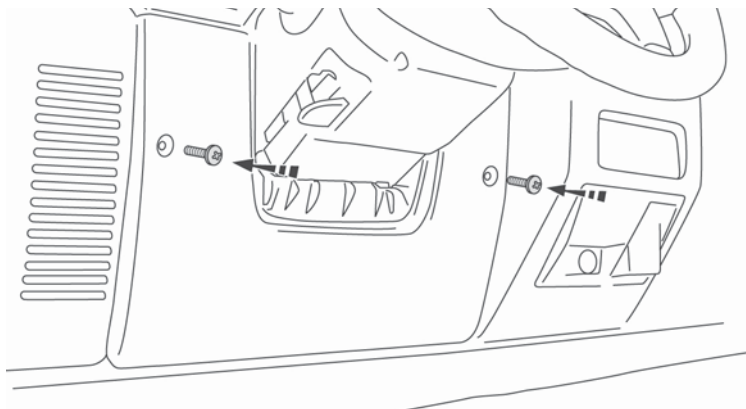
Open the doors to make sure that the Step drops into position on each side of the vehicle.

Check that all bolts and fasteners are securely tightened.



21 Reinstall Panel Under Steering Column

Once you have checked that the Steps function properly, reinstall the panel under the steering column.



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Limited Warranty

We warrant our product to be free from defects in material and workmanship, for the 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 "SOFT 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.



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