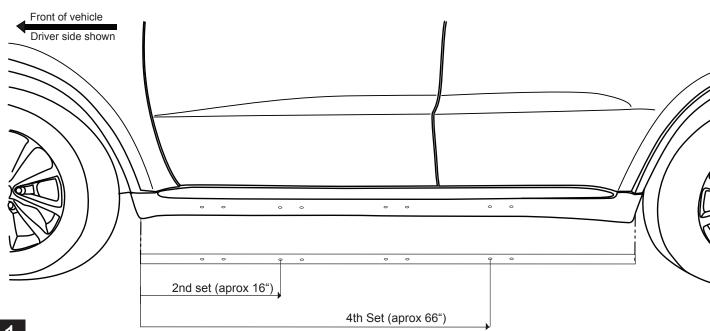


Installing Linkages

When installing linkages, use the second and fourth set of bolt holes on the pinch weld (see below).

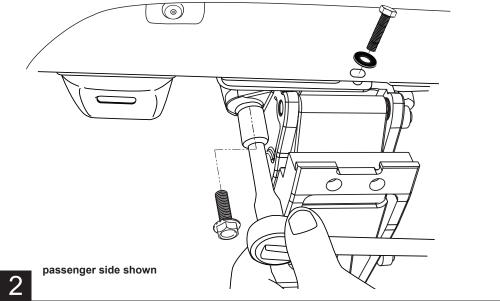


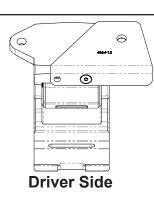
1

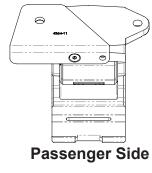
Rear Linkage (Without Motor)

Note: Remove existing bolt from fuel tank strap bolt and install linkage with Hex Bolt (21).

Install the rear linkage assembly to rearmost pinch weld holes and fuel tank strap bolt hole. Tighten up fuel tank strap bolt (21) just enough for bracket hole to line up with pinch weld holes. Snug Hex bolt (11) and black washers (13) to bracket holes.



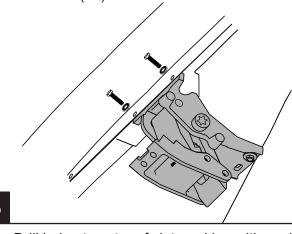




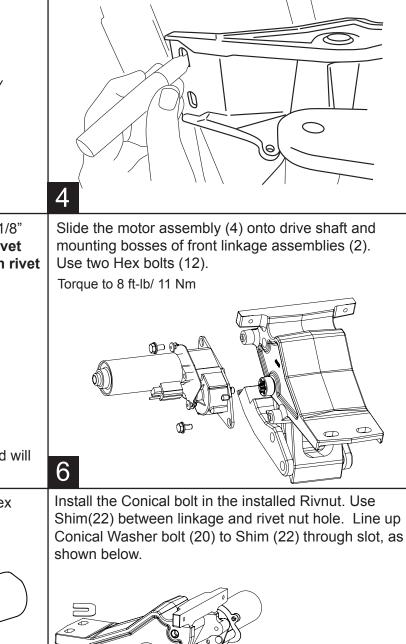
Direction of brackets on rear linkages, driver and passenger side.

Front Linkage (Motor Linkage)

Before installing motor to front linkage, mount linkage to the second set of holes of the pinch weld from the front of the vehicle, use two Hex bolts (11) and two black washers (13).



Mark the center of the forward most slot for the rivet nut hole. Once done then remove linkage.





8



Repeat steps 1 through 8 on the passenger side. Use forward most hole for marking Rivet Nut location.

3

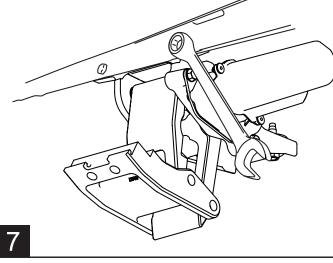
Pre Drill hole at center of slot marking with an 1/8" Drill and then drill to 17/32". Then insert the rivet nut (18) into position. Refer to install card in rivet nut tool bag,



5

Warning: Rivet nuts not properly collapsed will not hold securely to sheet metal.

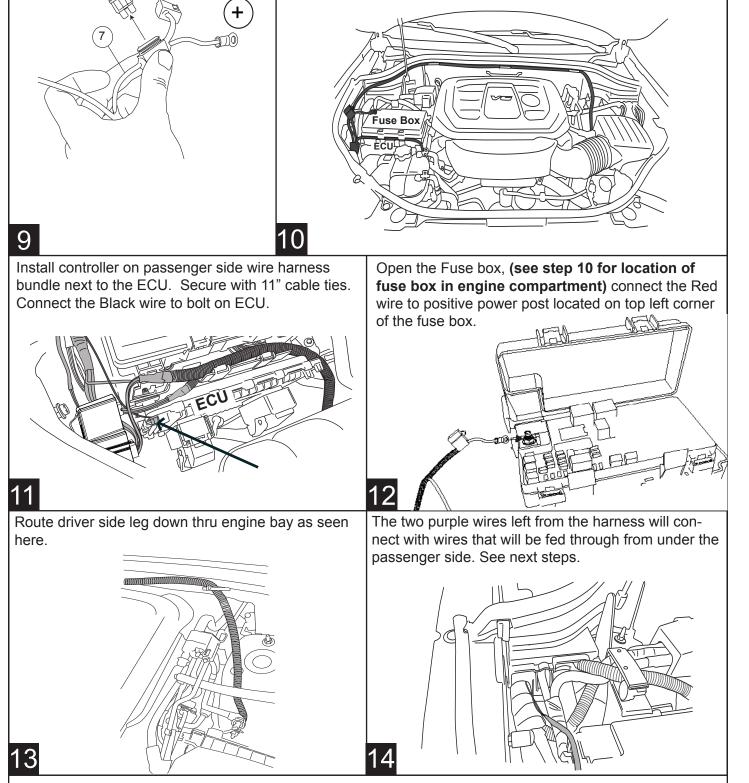
Reinstall front linkage just snug, using the 2 Hex bolts.

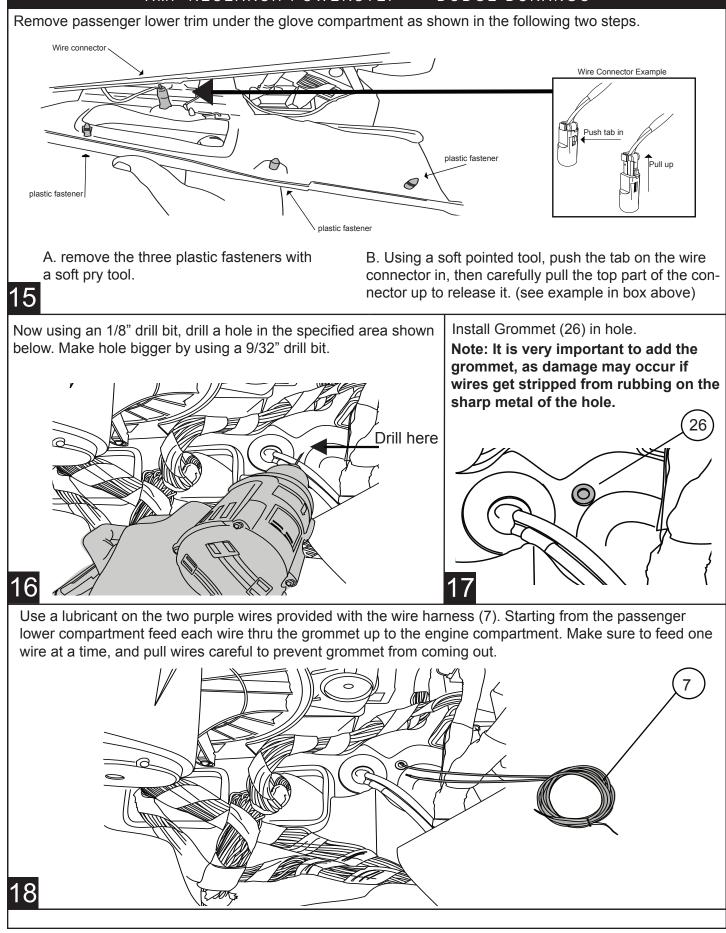


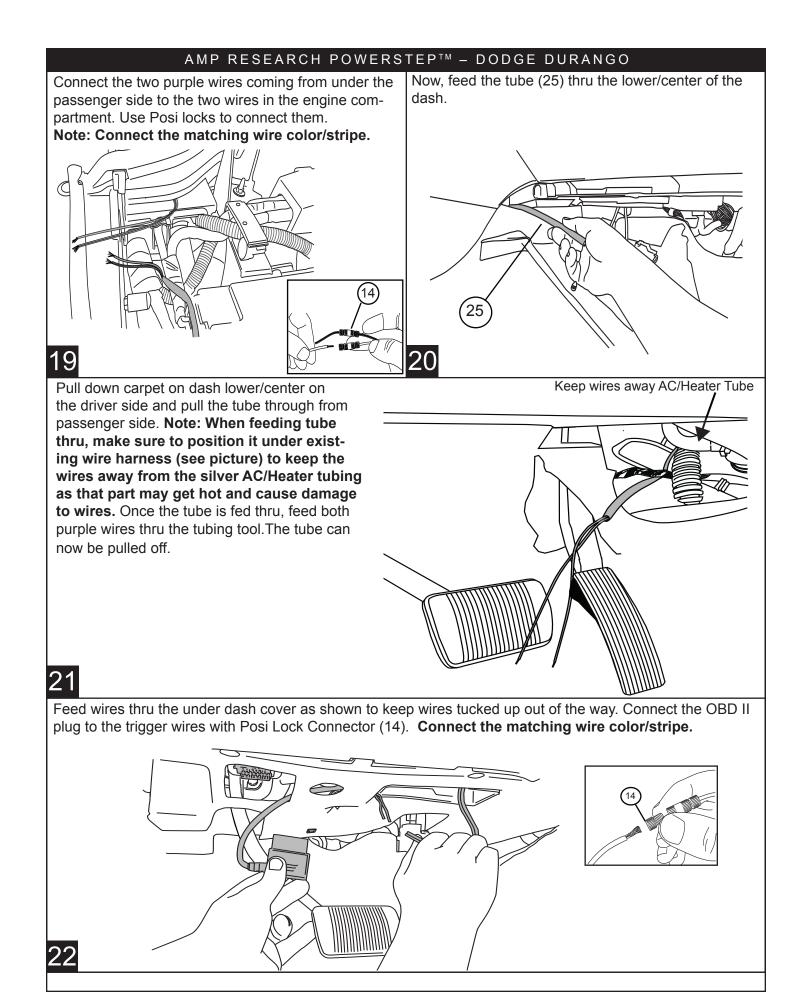
Installing Electrical Components

Remove the fuse from the Powerstep wire harness.

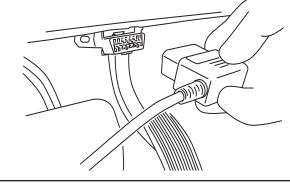
Route the long wire harness leg along the top of the firewall and then down away from the steering shaft and exhaust to sub frame then back to pinch weld area. The other leg shall go along the Fuse box, then down away from the exhaust and to the pinch weld area. Zip tie as needed.





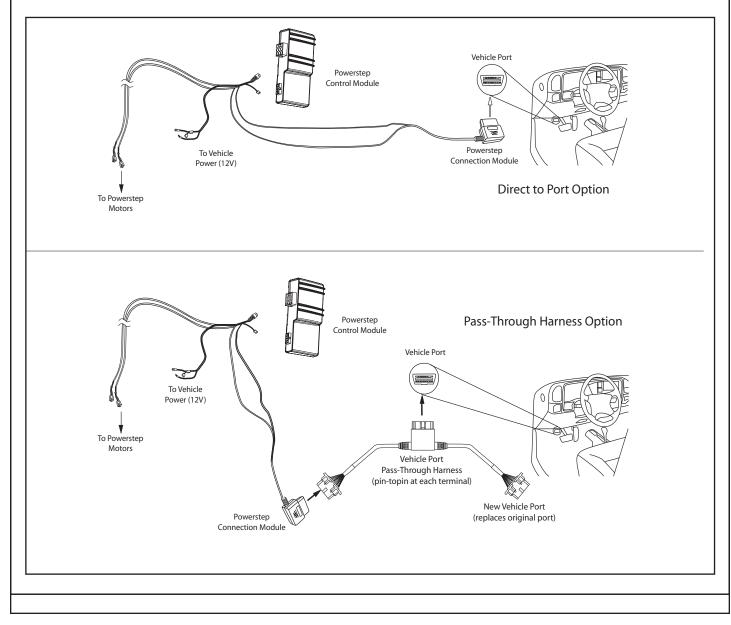


OBD II Connector located below driver side steering column.

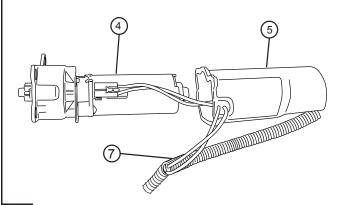


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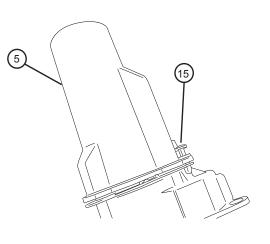
OBD II install: Use Supplied Posi Twist connectors to attach the Plug and Play Module to the Harness. Attach matching colors on the harness to the wires on the module. Plug in module to OBD II port on the vehicle. Secure harness with supplied tie wraps. *Note: If the OBD II pass thru harness (76404-01A) was purchased see install sheet supplied in packaging. The pass through harness allows for an open port for other accessories. See below for a brief description.*



Insert plug from wire harness (7) onto motor (4). Slide rubber grommet on wire harness into slot of motor cover (5). Insert motor cover onto motor. Use electrical tape to cover any exposed wire from the motor.

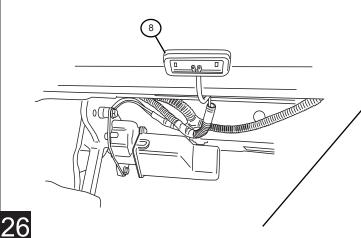


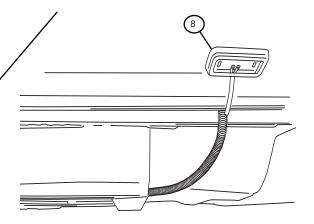
Insert plastic push pin rivets (15) in mounting holes of motor cover(5). Use pliers to ease installation.



24

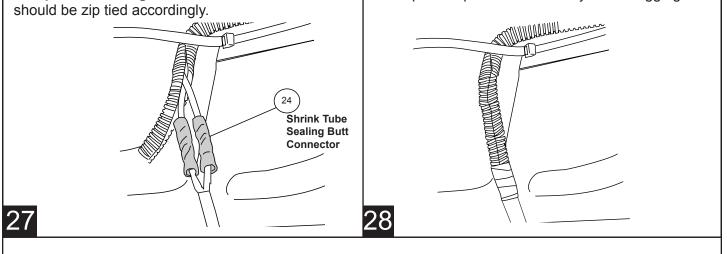
On each side of the vehicle Secure the LED light (8) onto the rocker just behind the front linkages and in front of the rear linkages. Make sure lamp is affixed to a flat, clean surface.

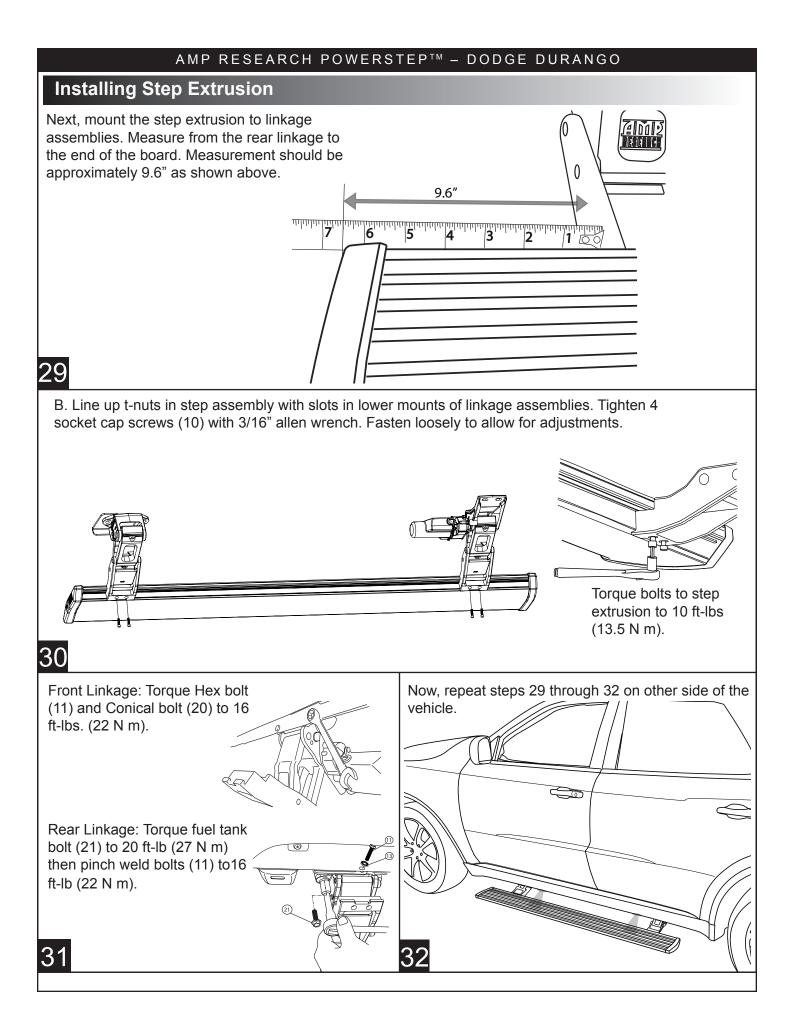


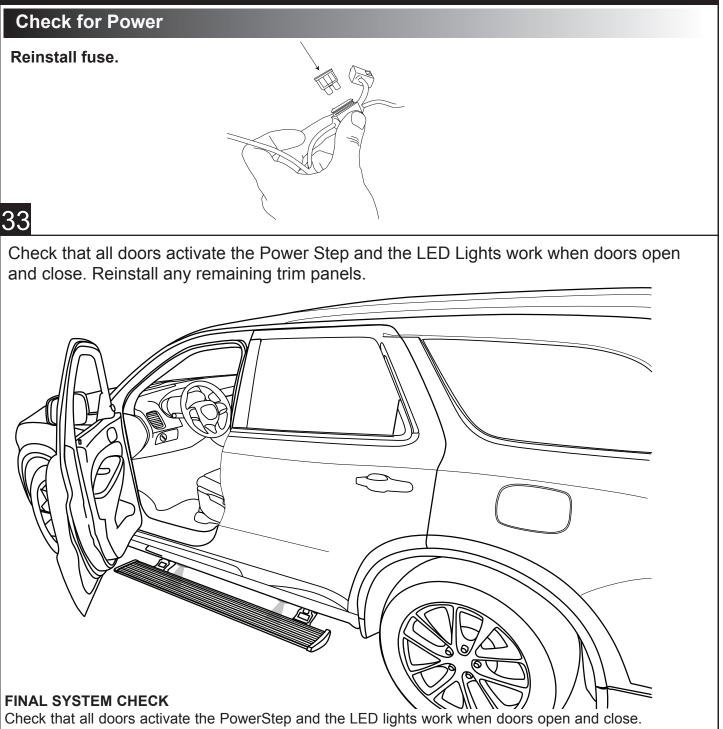


Use supplied butt connectors (24), connect the lamp wires. Red to Red and Black to Black. **Once crimped use heat gun to shrink tube**. The wires should be zip tied accordingly.

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.







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 reillumintated by closing and opening any door of vehicle.

RESERRCH POWEr Step

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. <u>Avoid spraying the motors directly.</u> 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.