







General Information

-  Read all instructions before starting the installation.
-  Do not use wire larger than 18ga, it will not fit through the harness plug holes.
-  Solder all connections
-  Use shrink wrap.
-  By adding the Speed Dial, the transmission output signal is transformed into a format that the ECM recognizes. The ECM uses this signal to determine if the vehicle is in motion and uses that data to determine the correct idle characteristics during extended coasting to a stop.
-  If you have any questions regarding how to add the necessary pin-outs to the M-6017-A504V control harness please contact the Ford Racing technical Support line or a professional installer.

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Parts needed

Ford Racing Parts

M-4209ADPT-A

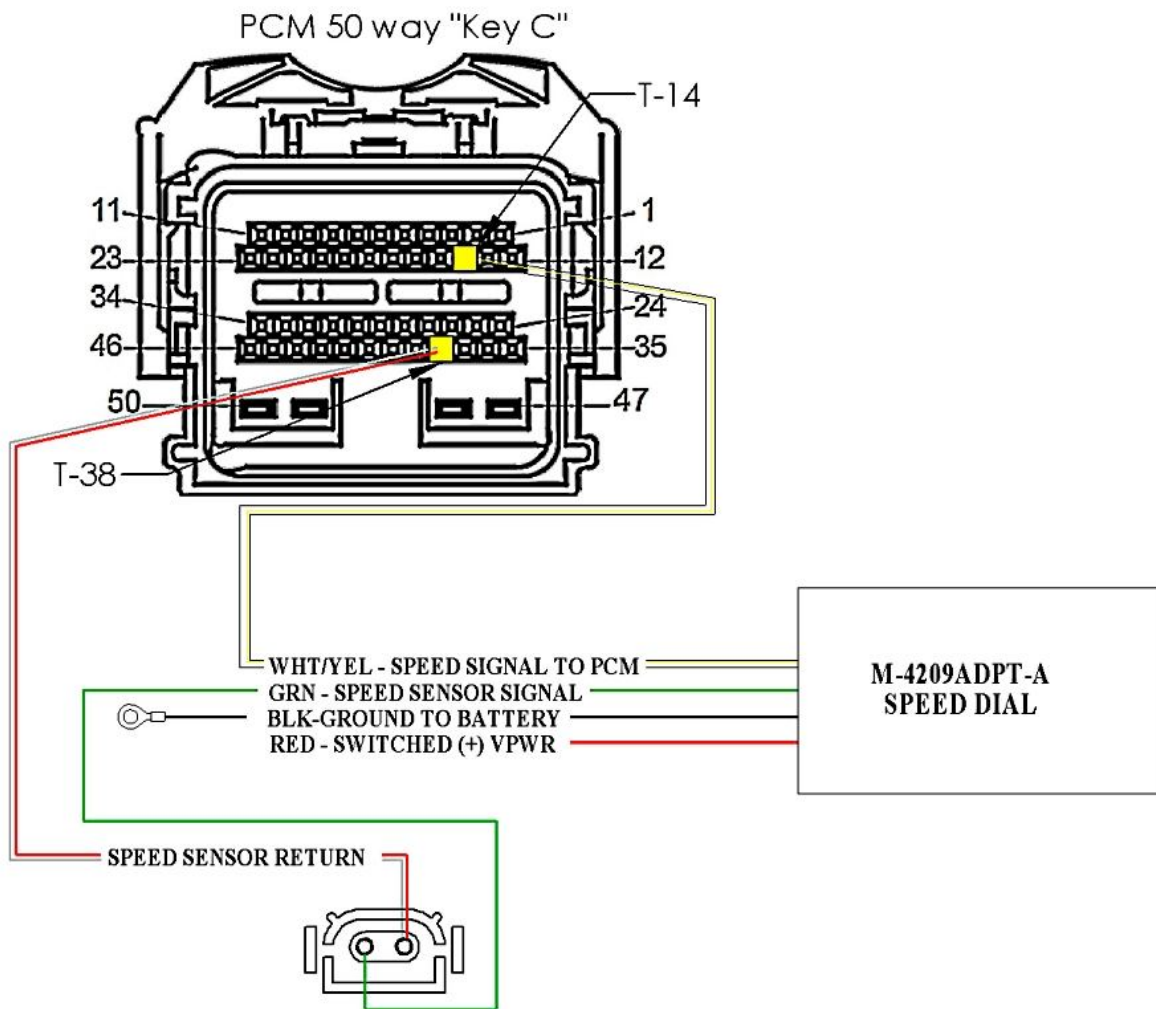
Other parts

- 18 ga. Wire – 2 colors
- (2) Square female pins for 50 pin plug
- Shrink wrap
- Screws or double stick tape (for mounting)

Tools

- Wire cutter
- Wire stripper
- Soldering iron
- Pin crimper
- Electrical tape
- Philips head screwdriver
- Small Flathead screwdriver
- Razor knife

Diagram



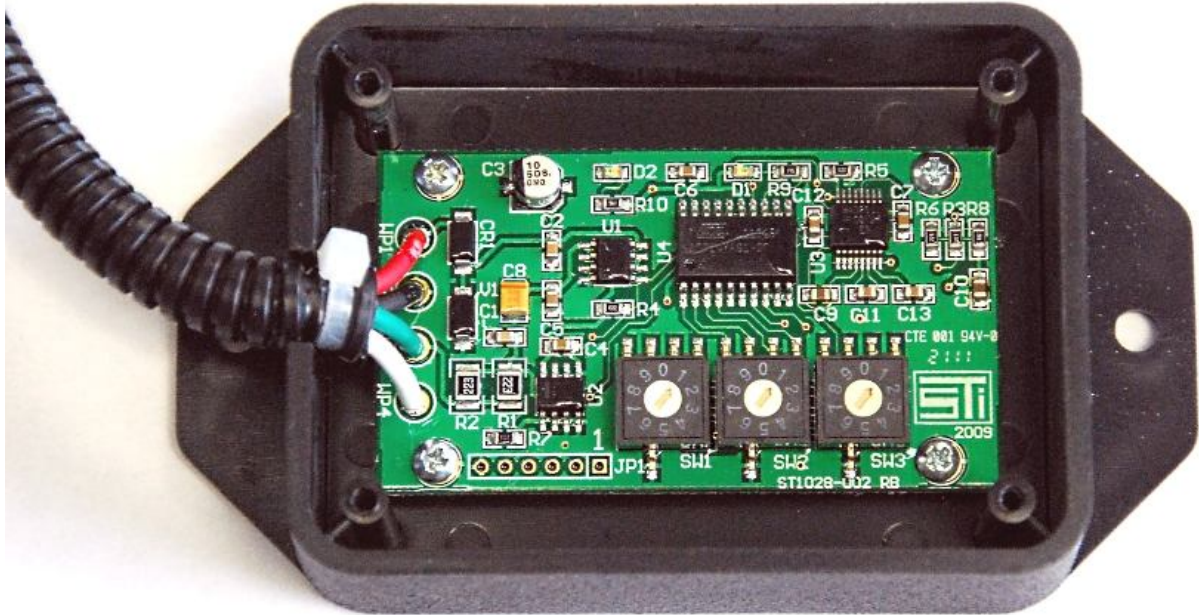
Instructions



Read all instructions before starting the installation.



Remove the cover to the speed dial.



Set the dip switches to 111

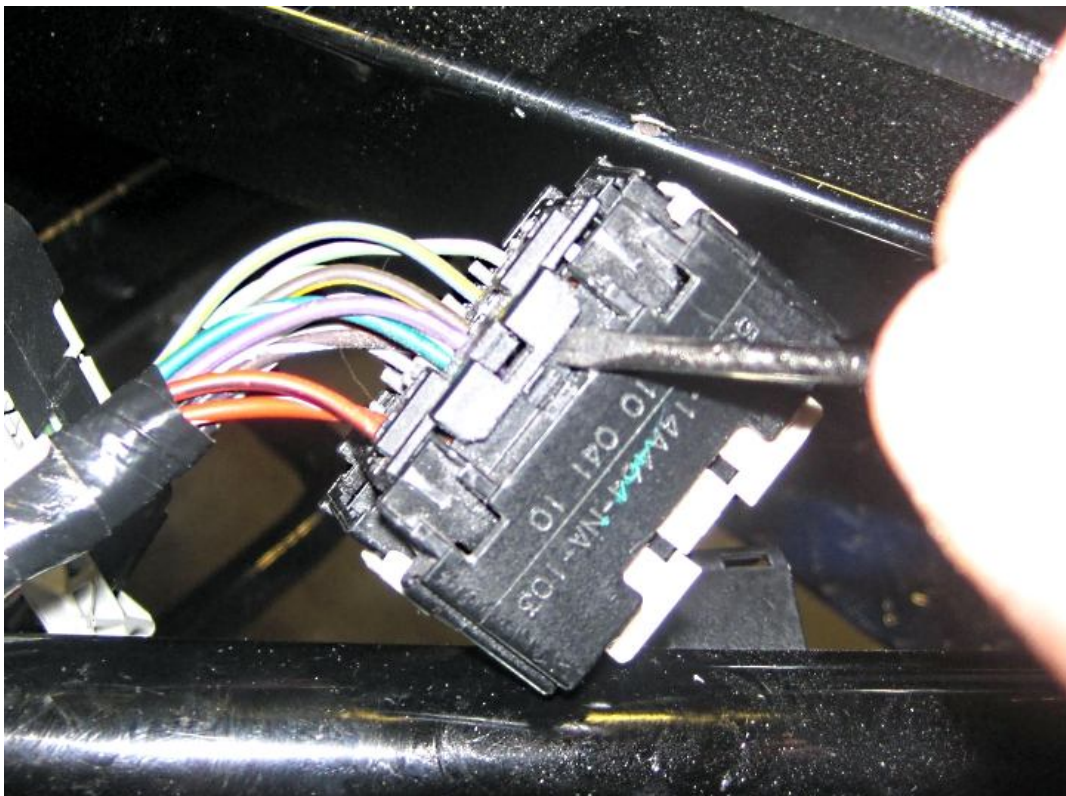
Locate a place to mount the Speed Dial.



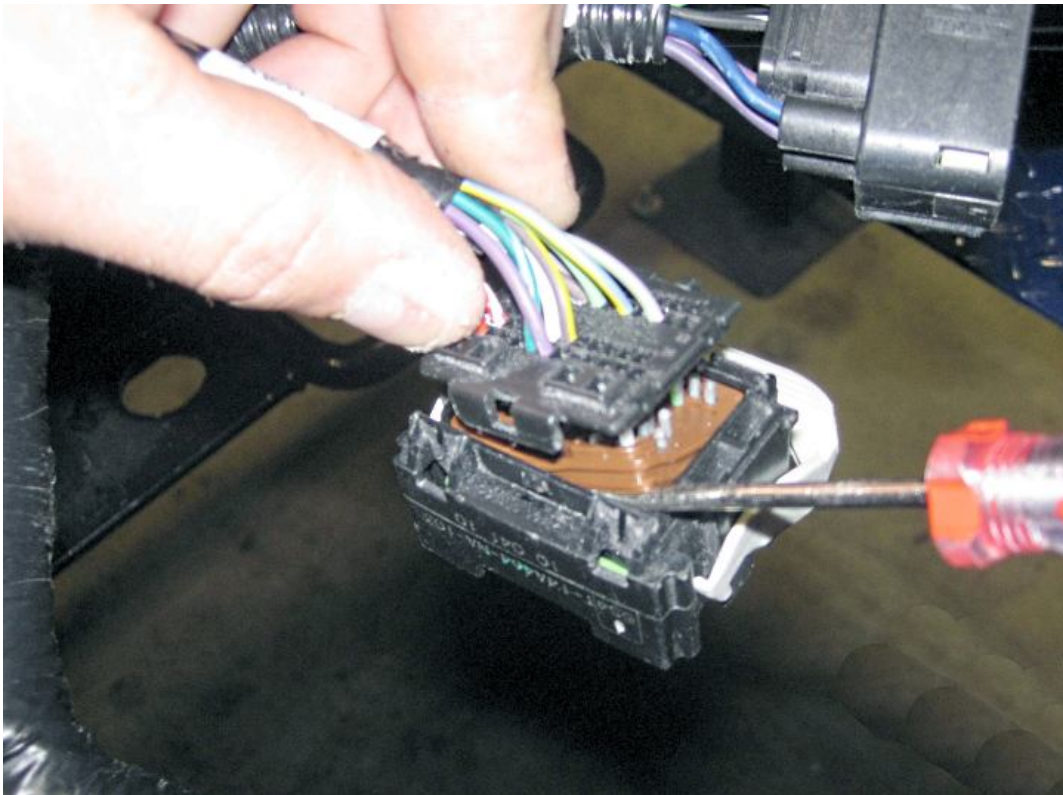
If using double stick tape, attach it now.



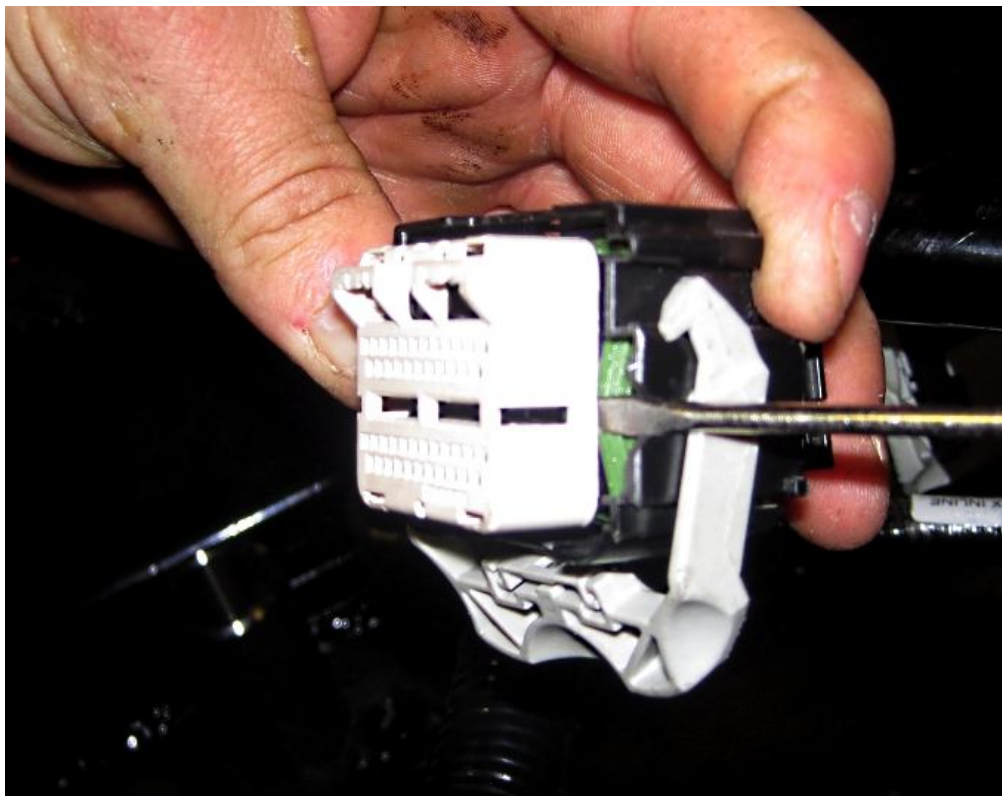
Attach the Speed dial to the desired mount area.



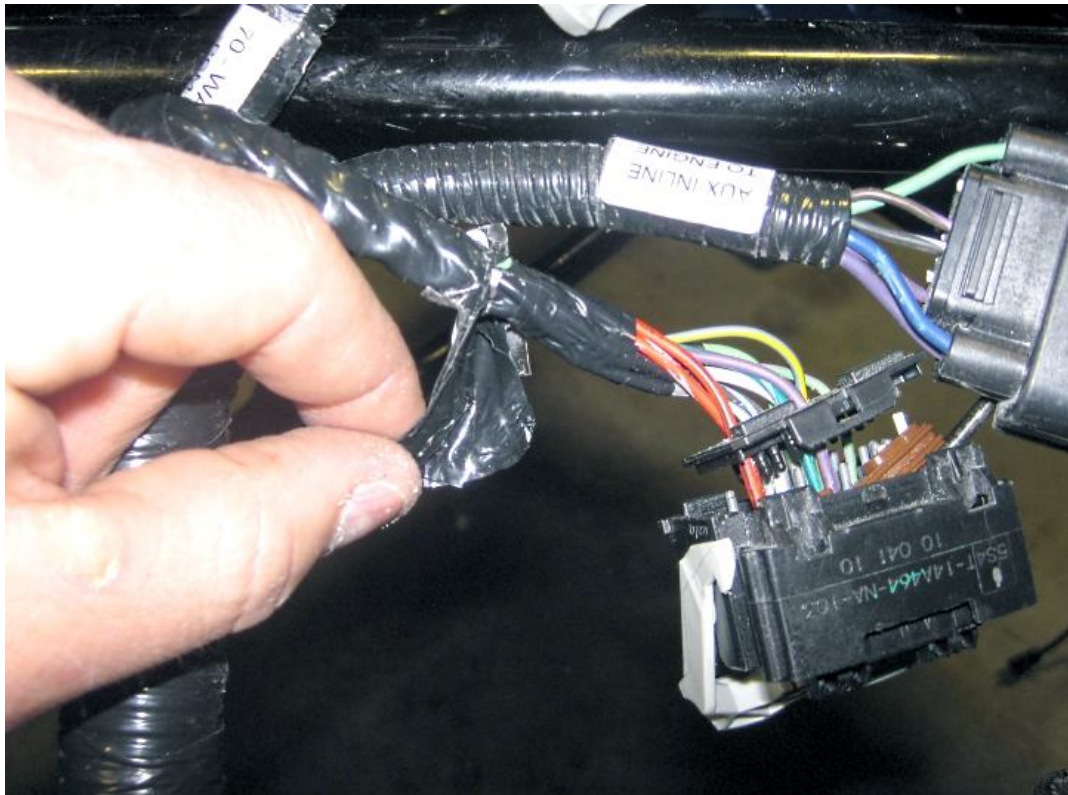
Locate the control harness 50 pin plug that will connect to the ECM and CAREFULLY use a small flathead screwdriver to remove the back of the plug.



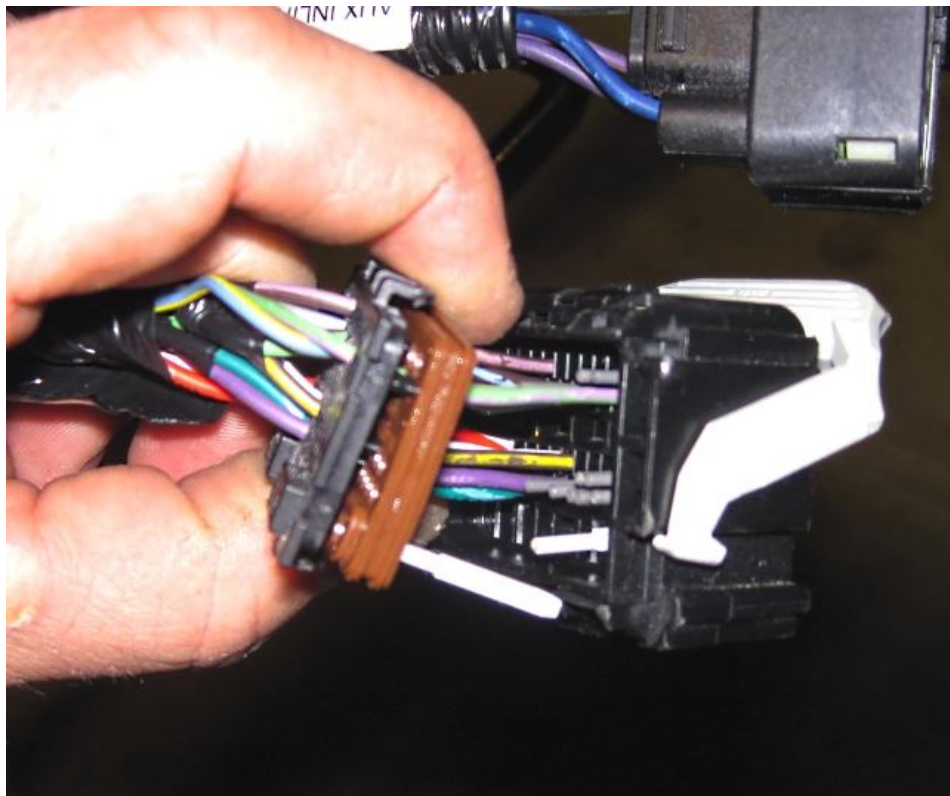
Pry up the rubber seal.



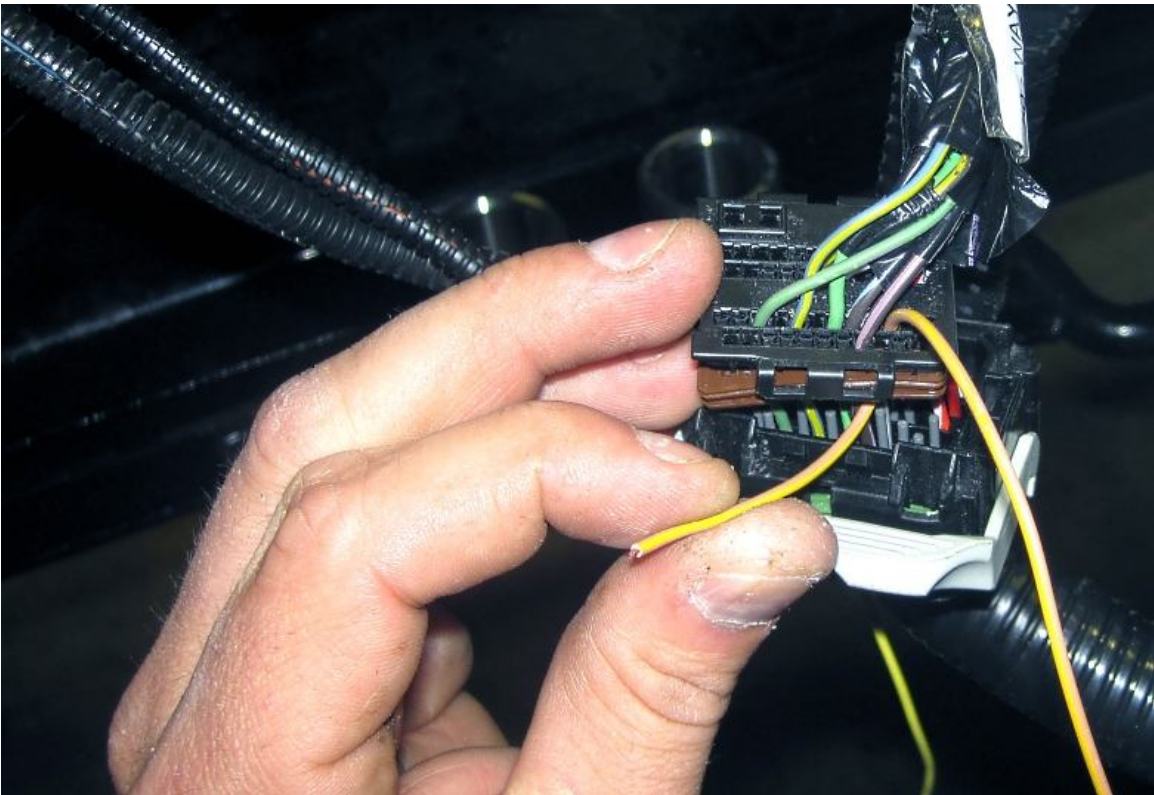
Remove the front white area using a flathead screwdriver.



Use a razor knife to cut back the tape so that the cover and seal can slide up higher.



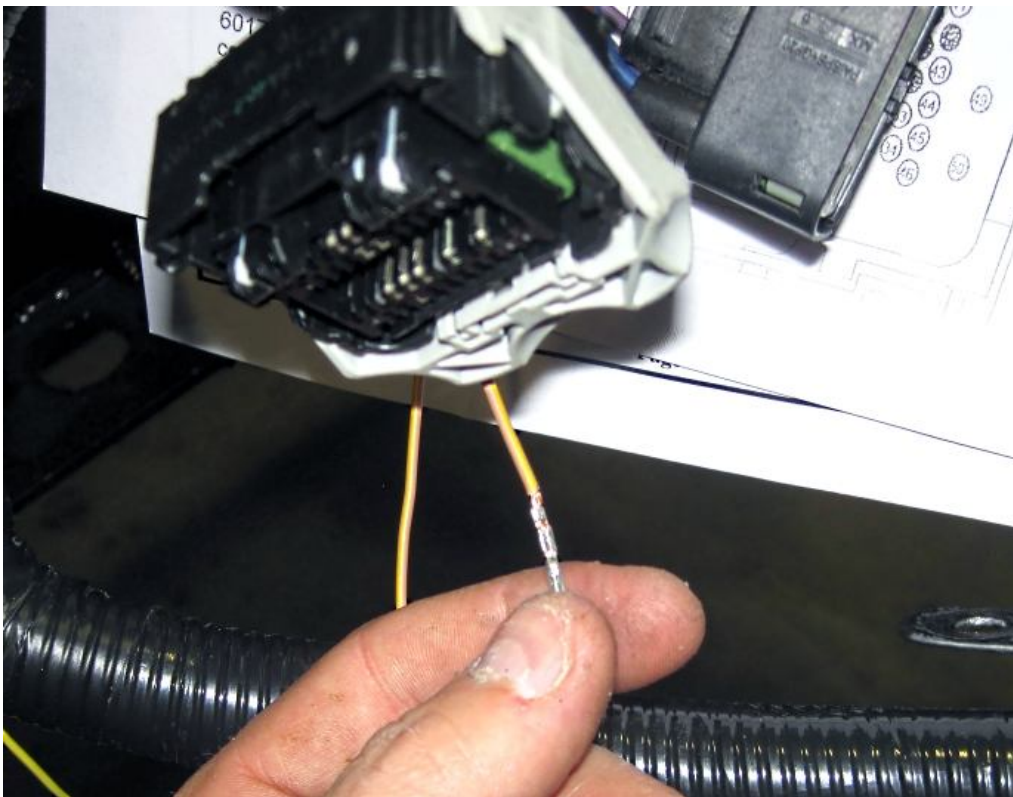
Slide the cover and seal up.



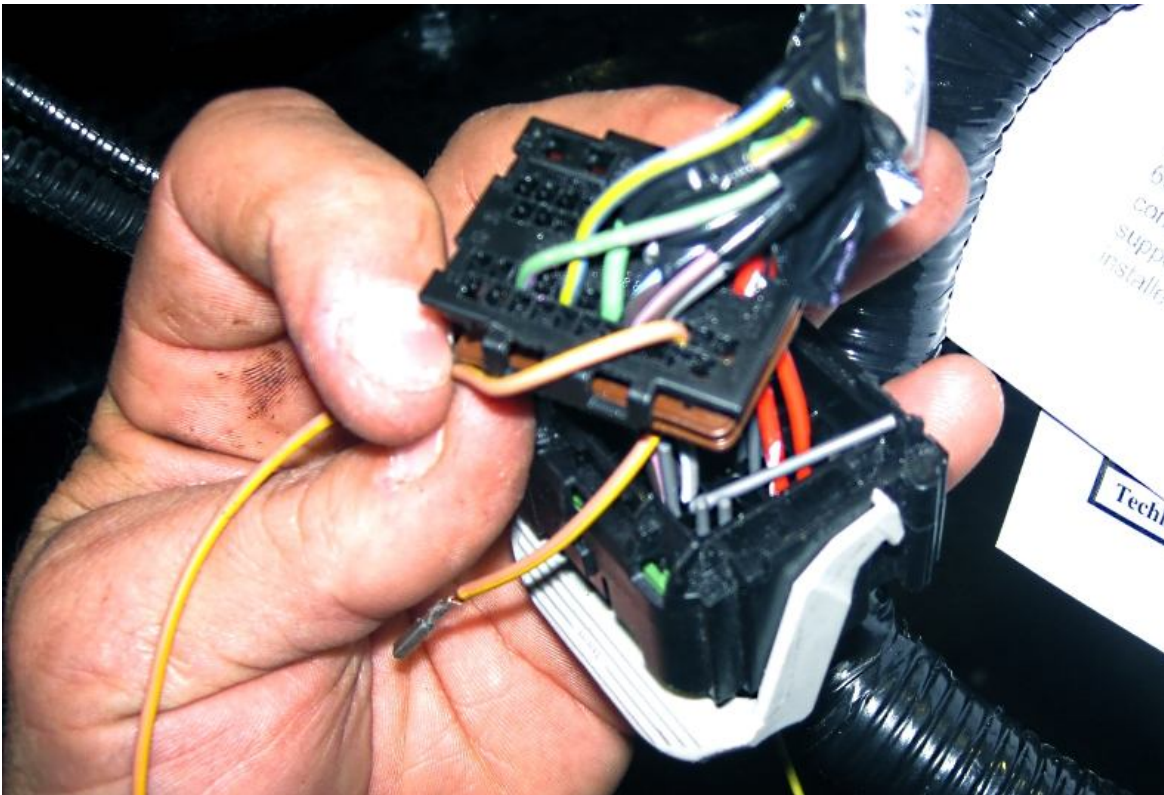
Push/pull a wire through the Plug hole #14



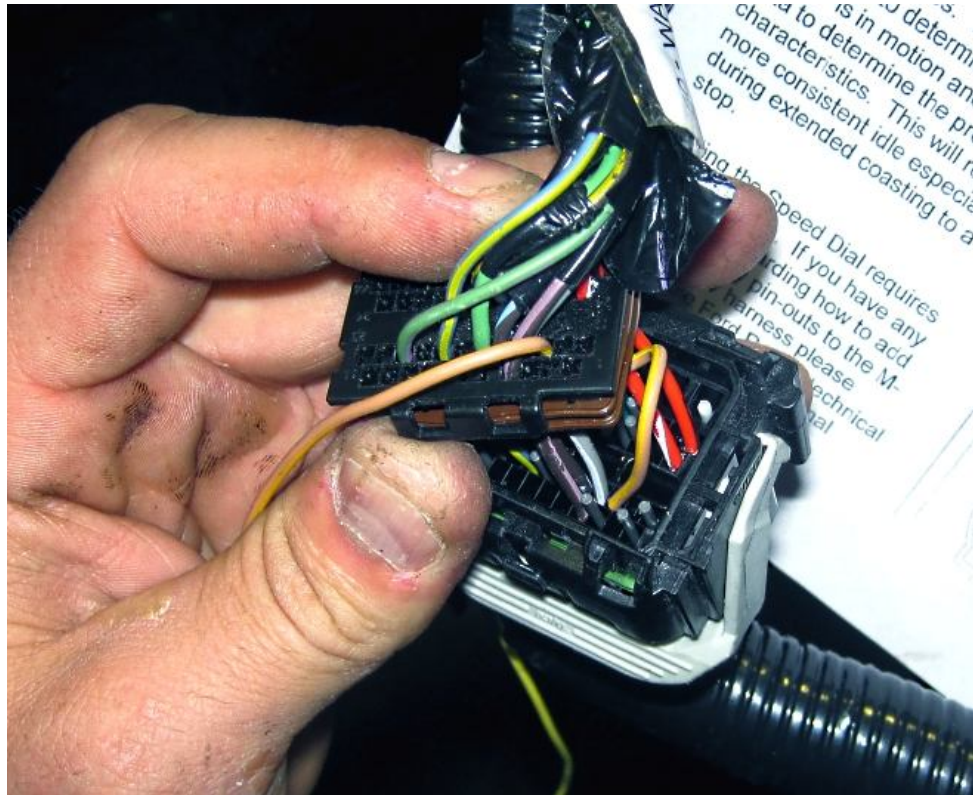
Note the color wire being used in this plug hole.



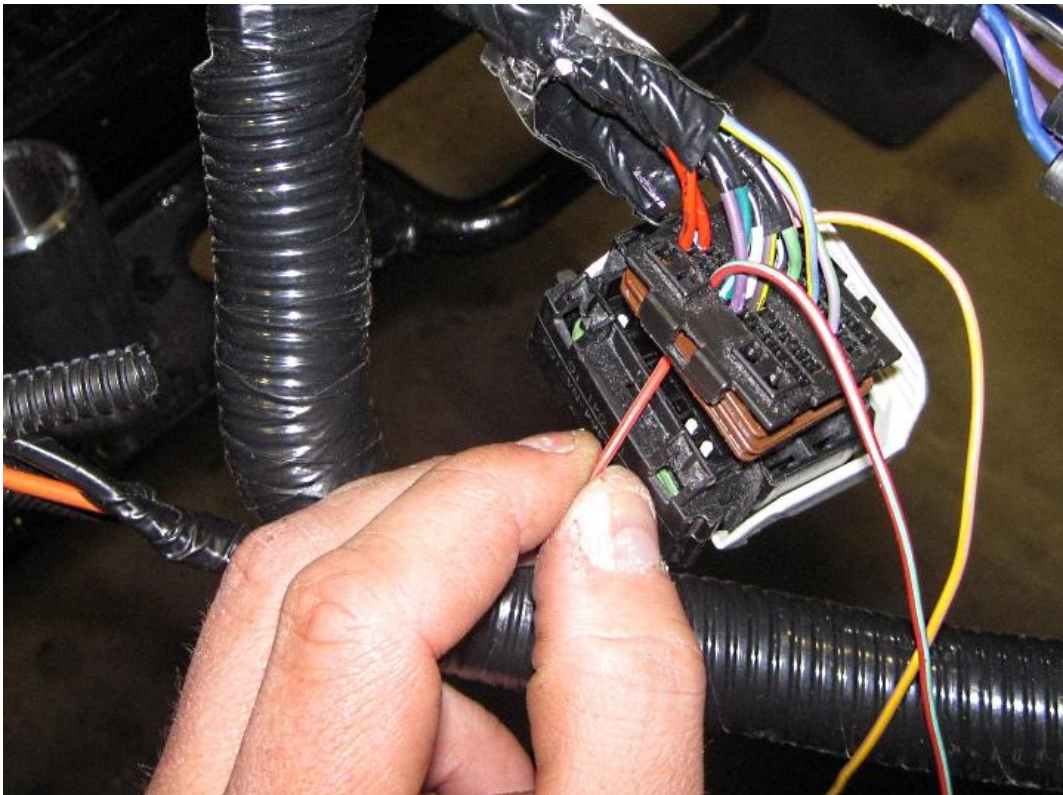
Crimp a female plug pin on the end of the wire.



Remove the gray hole block from the plug.



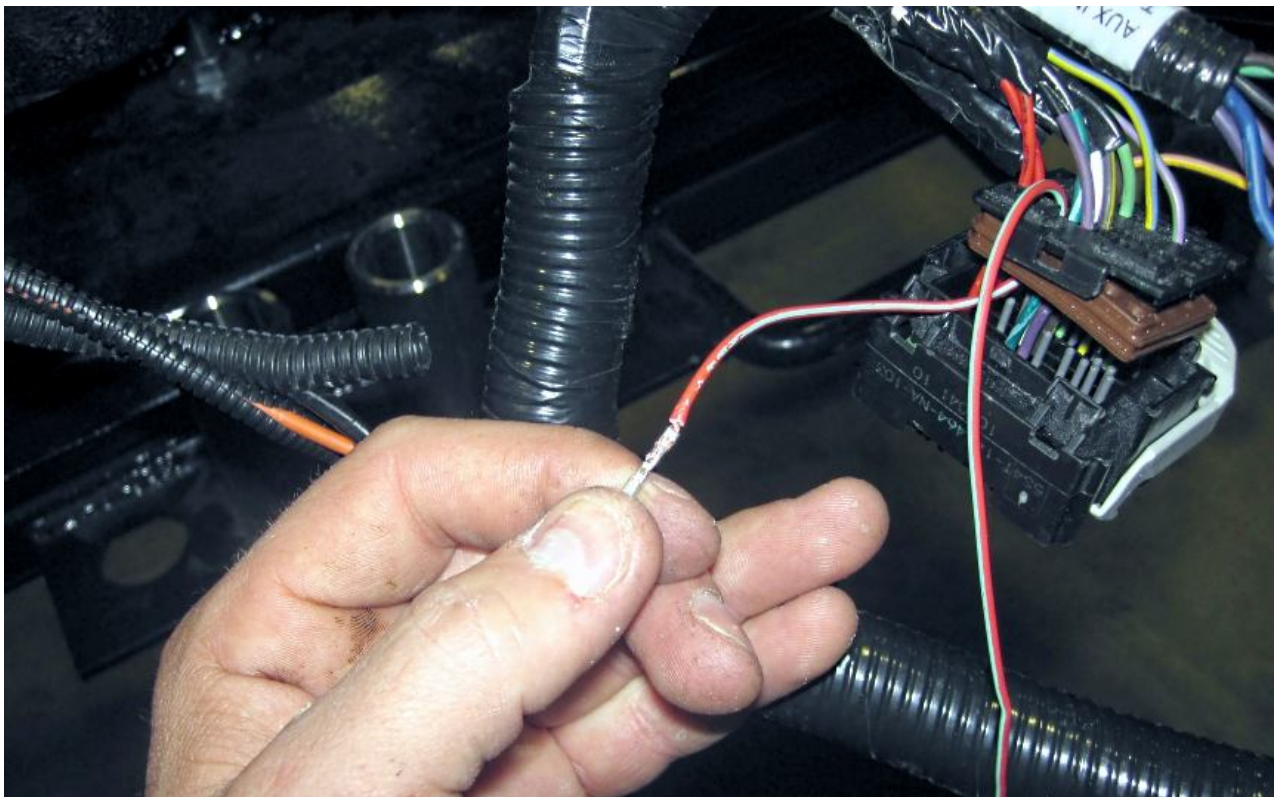
Insert the pin into the plug making sure that the pin is oriented correctly so that it locks into place in the plug.



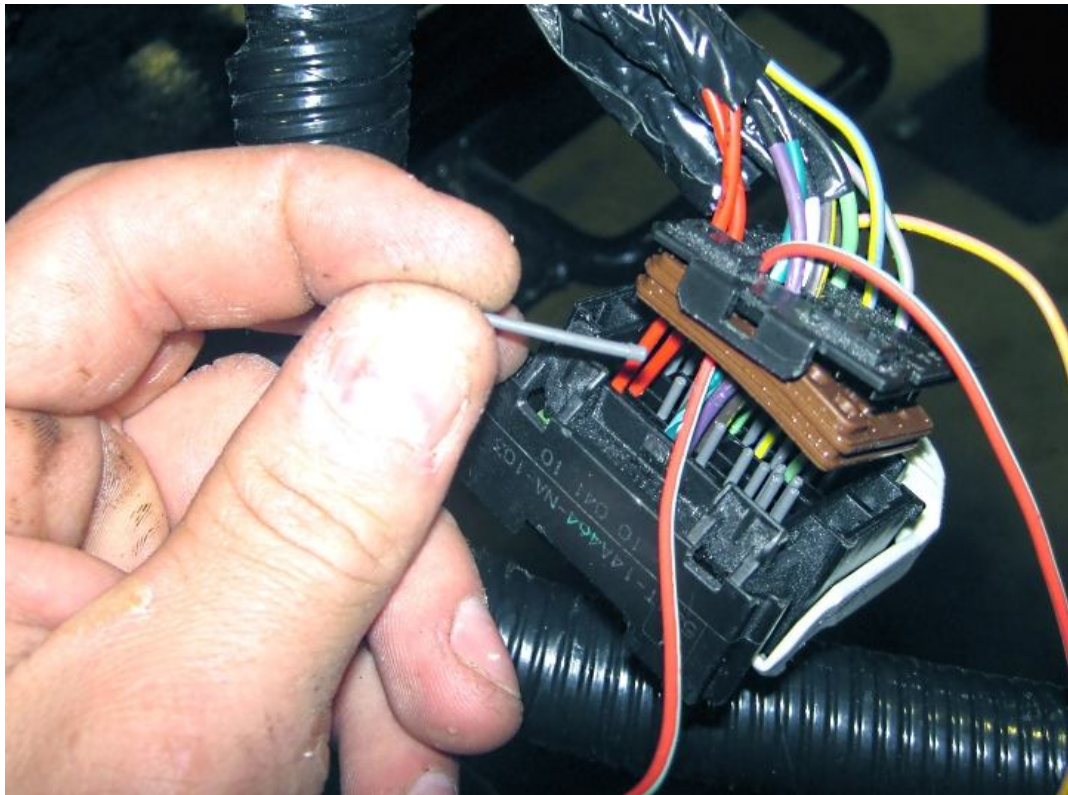
Push/pull another wire through pin hole #38.



Note the color wire being used in this plug hole.

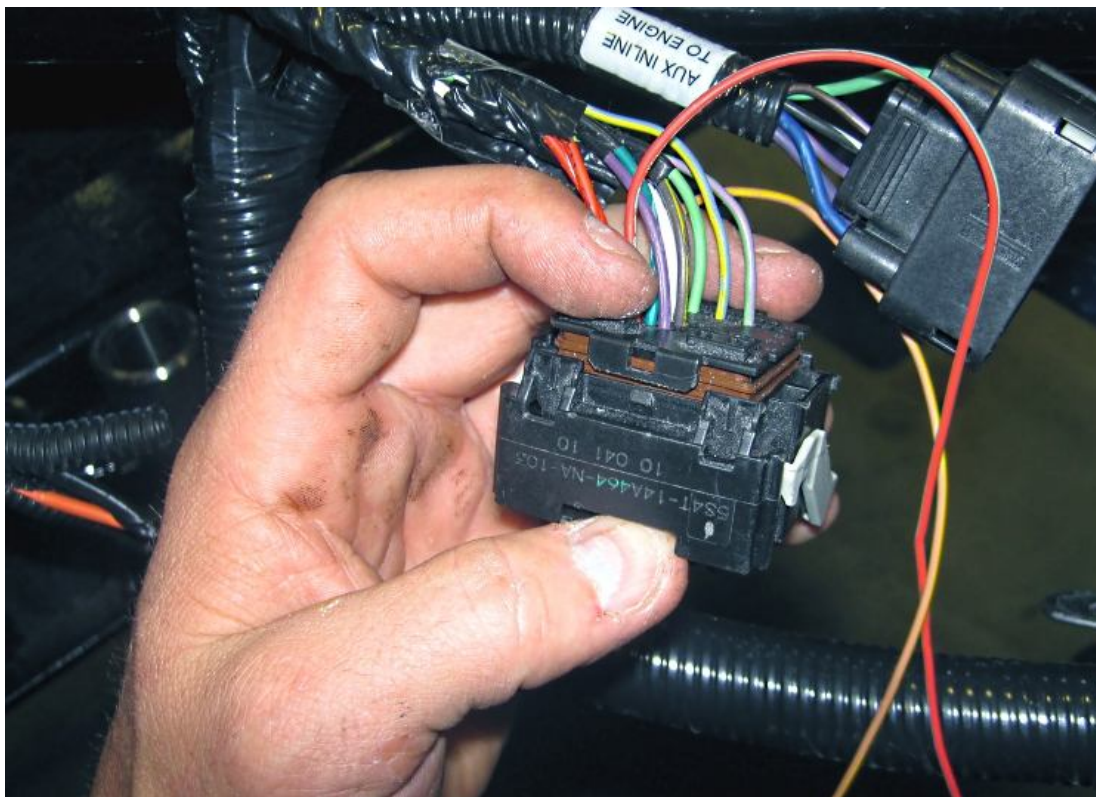


Crimp a female pin on the end of the wire.

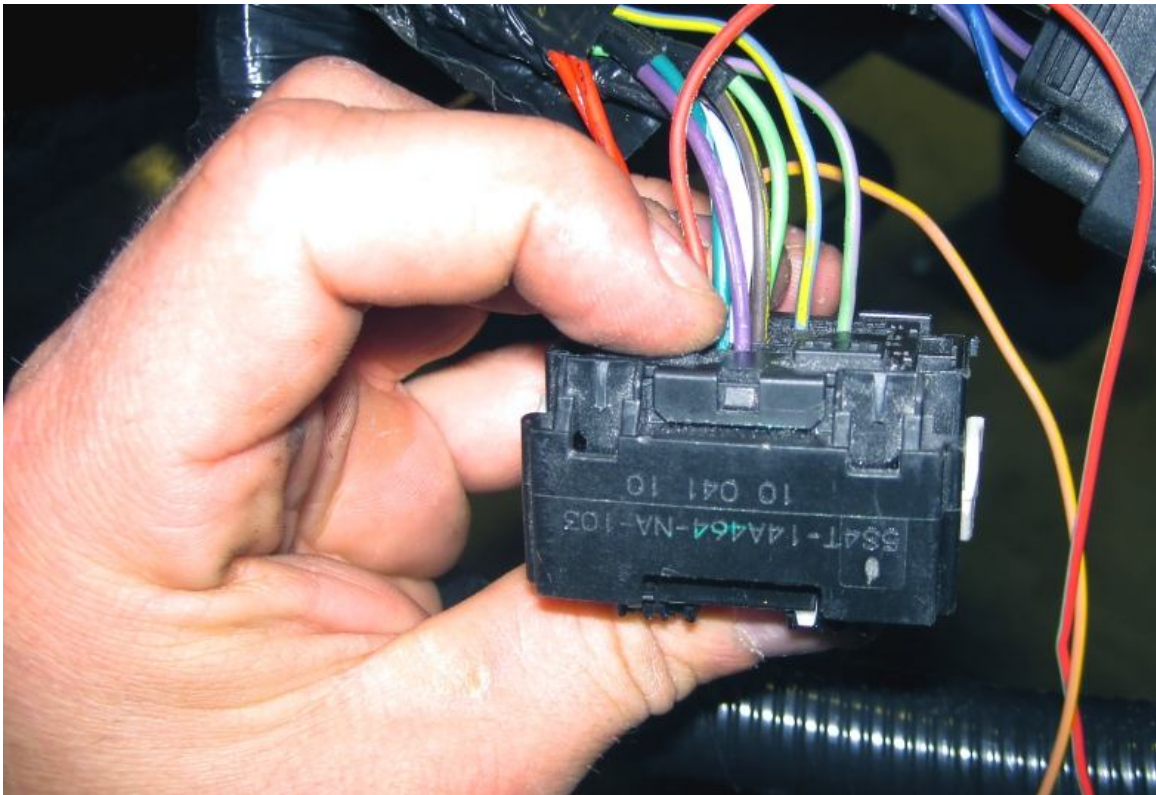


Remove the gray hole block from the plug.

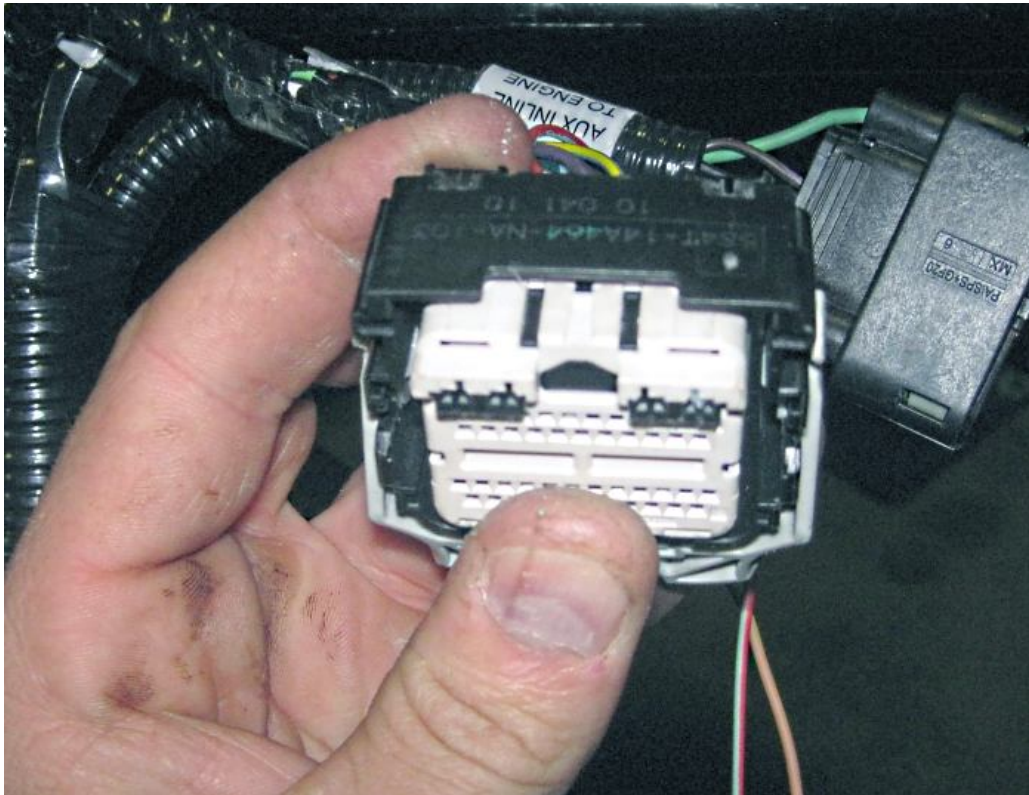
Insert the pin into the plug making sure that the pin is oriented correctly so that it locks into place in the plug.



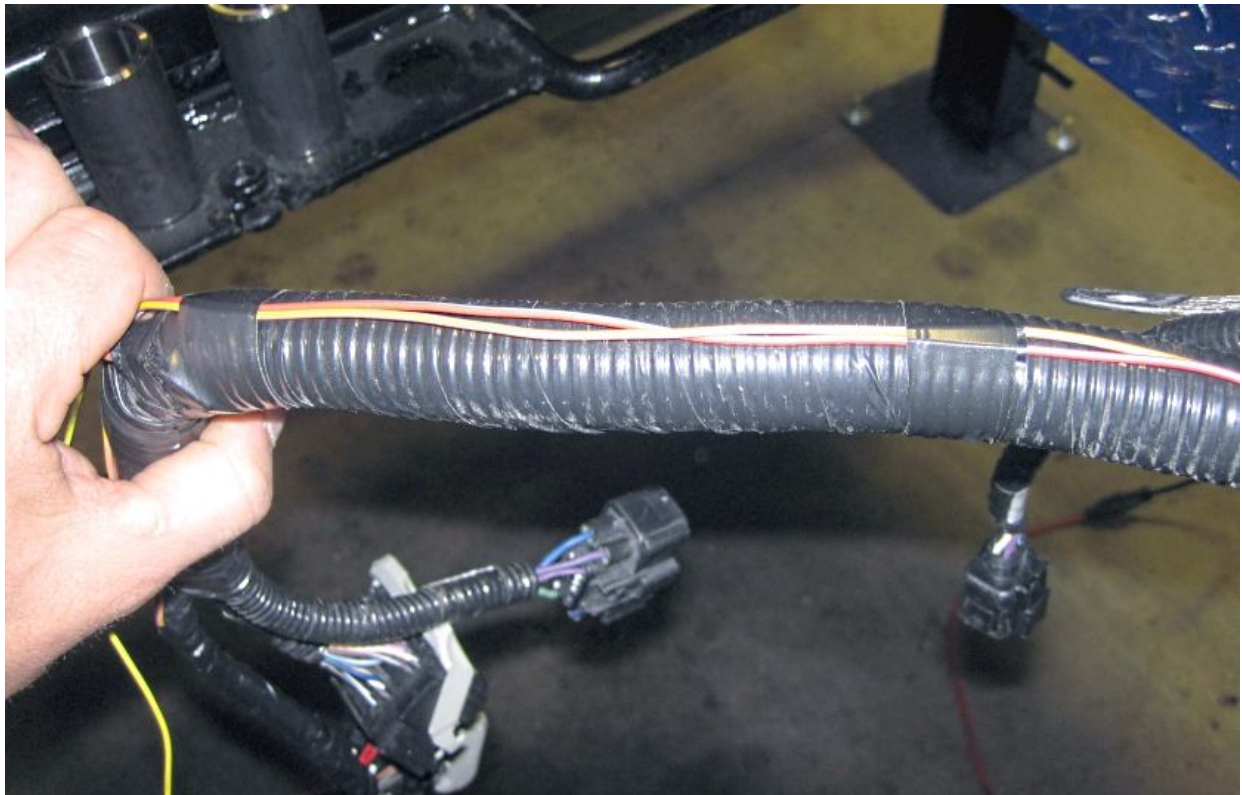
Push the plug seal back into the plug.



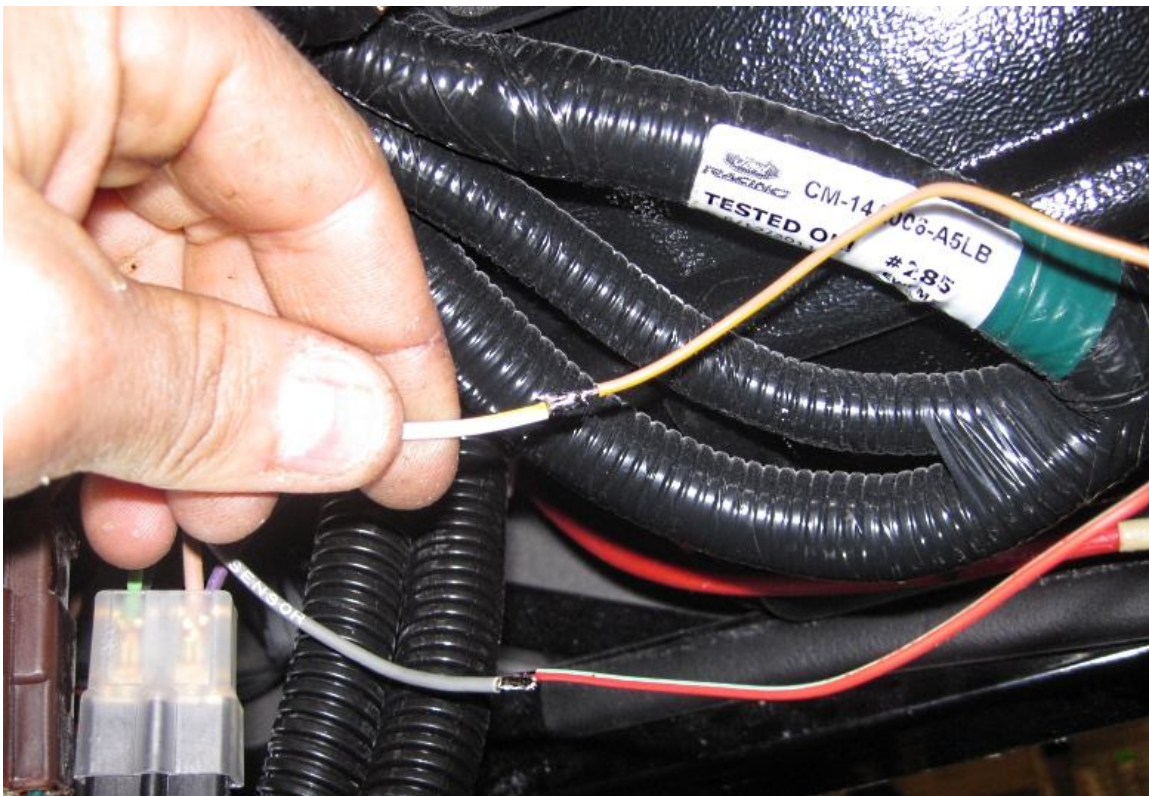
Push the back of the plug back onto the plug body.



Push the white plug cover back onto the plug.



Run the wires back along the harness to the Speed Dial box using electrical tape or zip ties to fasten the wires to the harness.



Slide shrink wrap onto the wires then solder the wires to the Speed Dial box wires and shrink the shrink wrap onto the connection.