INSTRUCTIONS

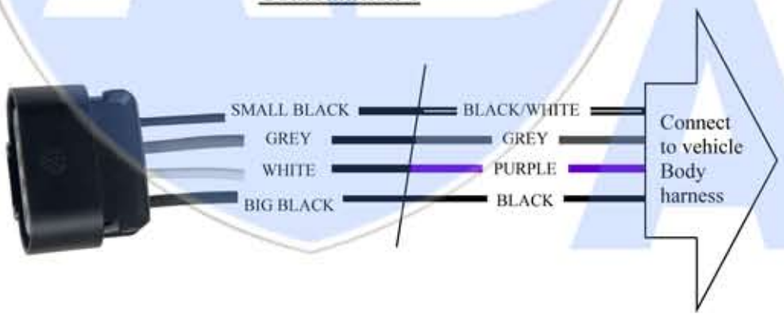
REPLACING CHASSIS ELECTRICAL CONNECTOR

WARNING: The module assembly may contain liquid gasoline and gasoline vapors. Keep smoking materials, sparks, and flames away from the repair area. If you do not the gasoline could ignite and you could get burned.

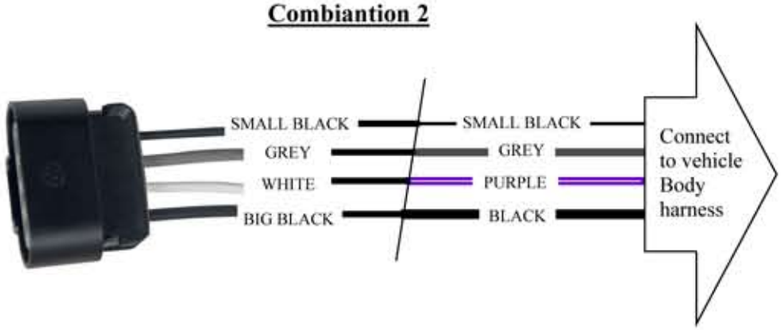
DETERMINIG THE CORRECT WIRING COMBINATION FOR INSTALLING THE NEW GT280 CONNECTOR

1. Refer to the vehicle service manual or equivalent to remove the fuel module assembly from the vehicle and to locate the fuel pump fuse.
2. Remove and discard the fuel pump fuse from the vehicle electrical center.
3. Remove approximately 12 inches (330 mm) of tape and black plastic conduit from the vehicle body harness and examine the wiring for number, color, and gauge size.
4. If the vehicle body harness wiring colors and sizes are not identical to the new GT280 electrical connector wiring, review the wiring diagrams bellow and determine which combination matches your vehicle application

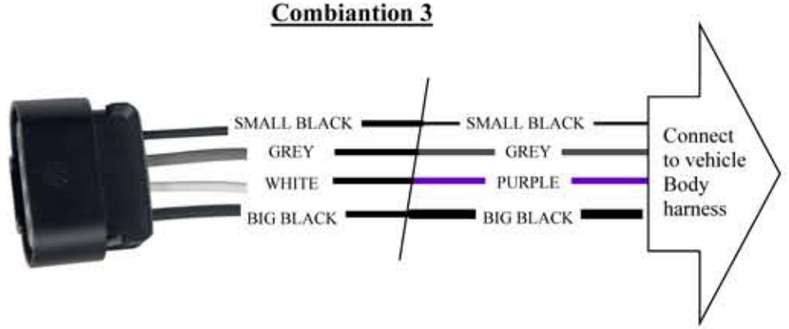
Combiantion 1



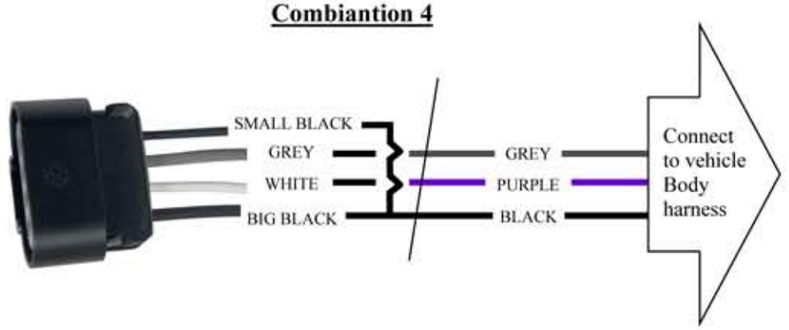
Combiantion 2



Combiantion 3



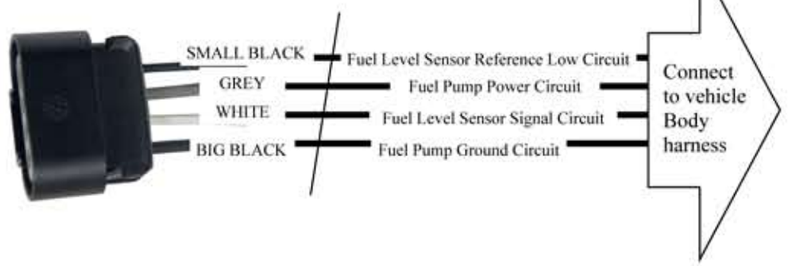
Combiantion 4



Important: Combination 4 requires the Small Black and Big Black leads from the new GT280 electrical connector to be installed into one end of a blue wire splice. Failure to do this will cause the fuel pump or fuel level sensor to operate incorrectly.

5. If the vehicle body harness wiring does not match any of the combinations show above, refer to wiring identification diagram bellow and the vehicle service manual or equivalent to determine the correct wiring alignment for the new GT280 electrical connector.

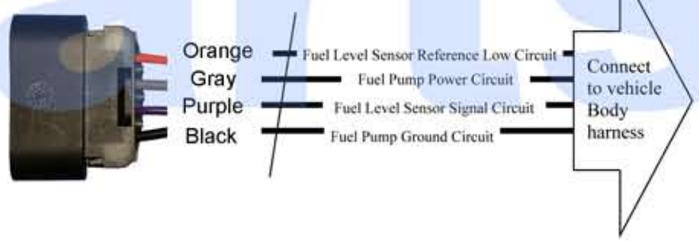
Wiring identification Diagram



INSTALLING THE NEW CHASIS CONNECTOR

1. To assist in maintaining the approximate length of the vehicle body harness, tape the new GT280 electrical connector to the Metri-Pack 150 connector on the vehicle body harness.
2. Align each wire on the GT280 connector with the correct wire on the body harness and cut the wires at the desired location for the wire splice. Cut the first pair of wires 2 inches (50 mm) away from the taped electrical connector and stagger each of the cuts 1.5 inches (40mm) longer after that. Remove the tape, and discard the original body harness electrical connector.
3. Remove approximately 5/16 inch (7.5 mm) of the wire insulation from each of the leads on the new GT280 connector and the vehicle body harness.
4. Connect the new GT280 electrical connector to the body harness of the vehicle with the wire splice connectors in the kit. Be sure to maintain the correct wire alignment and colored wire splices as determined in step 4 or 5 of the section entitled **DETERMINING THE CORRECT WIRING COMBINATION FOR INSTALLING THE NEW GT280 CONNECTOR.**
5. Crimp the splices in place with the crimp tool, Kent Moore tool J-38125-8 or equivalent.
6. Shrink the insulation of the wire splices using a heat gun, until a small amount of sealant comes out to each en of the splice tubes.
7. Install the black plastic conduit and re-tape, as before.
8. Refer to the vehicle service manual to install the fuel sender unit on the vehicle.
9. Install the new fuel pump fuse into the vehicle's electrical center.

Wiring identification Diagram



Wiring identification Diagram