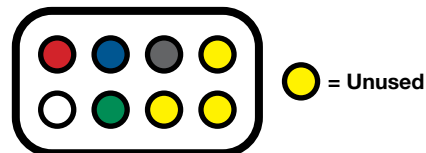


1991-93 O2 Sensor Harness - Manual Transmission

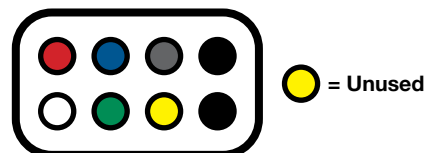
COMPLETION OF THE ENCLOSED JUMPER WIRE CIRCUIT IS NECESSARY BY THE USER/INSTALLER OF THIS HARNESS. THE METHOD OF COMPLETION WILL DEPEND ON THE YEAR OF THE VEHICLE AND/OR ENGINE HARNESS. IF YOU HAVE THE OLD HARNESS AND HAVE CONFIRMED IT IS PROPER FOR YOUR APPLICATION, CONNECT THE JUMPER PER THE OLD HARNESS. FAILURE TO COMPLETE THIS CIRCUIT PROPERLY CAN RESULT IN ECM DAMAGE. USE THE FOLLOWING ILLUSTRATIONS FOR MORE DETAIL:



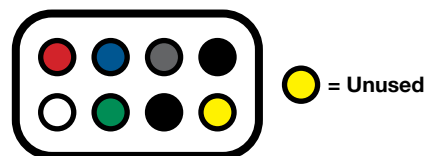
If you have an 87-88 Mustang 5.0 MANUAL TRANS OXYGEN SENSOR HARNESS, it should be pinned like this, it will not use the enclosed black jumper wire. Be sure your new harness is pinned like this:



If you have an 89-90 Mustang 5.0 MANUAL TRANS OXYGEN SENSOR HARNESS, it should be pinned like this. Be sure to pin your new harness like this:



If you have an 91-93 Mustang 5.0 MANUAL TRANS OXYGEN SENSOR HARNESS, it should be pinned like this. Be sure to pin your new harness like this:



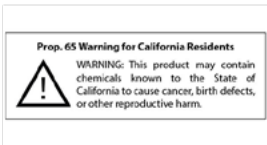
Once you have completed the jumper installation, install the red plastic secondary lock into the face of the connector.

This locks the terminals in place so that they cannot back out of the connector.

Installation

1. Disconnect battery.
2. Safely raise vehicle with jack stands or a lift.
3. Begin removing the existing oxygen sensor harness by disconnecting both oxygen sensor connectors and the oil level connector at the oil pan. Note how the harness is routed. Complete removal of the oxygen sensor harness by disconnecting the round 8-pin connector located on the passenger side fender panel near the mass air flow meter. (cont.)

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4. Install new oxygen sensor harness by connecting the 8-pin connector and route harness down to the oxygen sensors.
5. Connect the oxygen sensor connectors noting that the shorter leg of harness is the right oxygen sensor (passenger side) and the longer leg of harness is the left oxygen sensor (driver side). Be sure to connect oil level sensor connector.
6. Complete installation by confirming harness is routed away from exhaust and any moving parts.

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