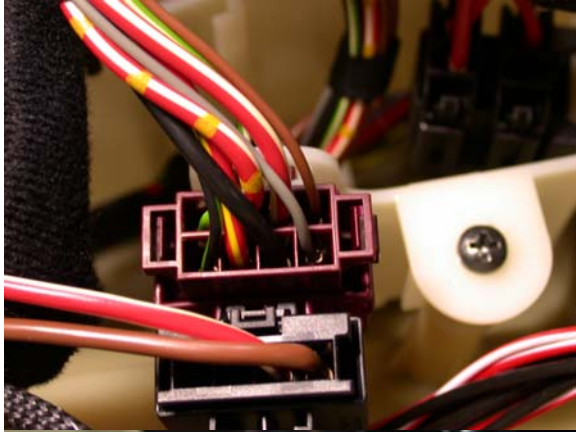


E60 M54 Oil Condition Sensor Power Supply Retrofit Kit **PN 12 51 4 512 589 Installation Procedure**

1. Disconnect the battery and remove the E-Box cover to access connector X60531 and Fuel Injector Relay K6327.
2. Remove connector X60531 (maroon) from it's mounting in the front top of the E-Box and unplug.



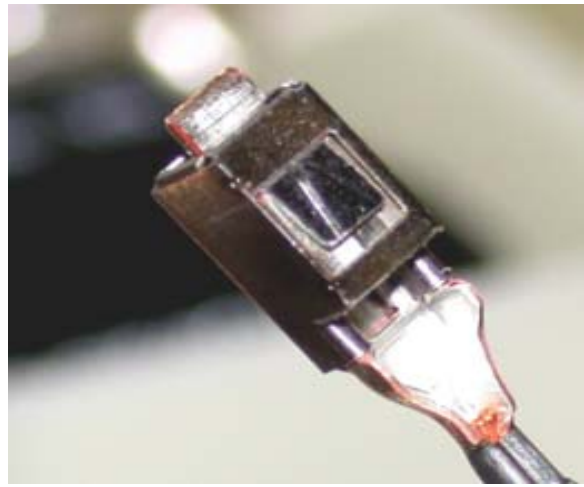
3. Open connector lock and remove pin 1 (male) green and white wire from connector housing.



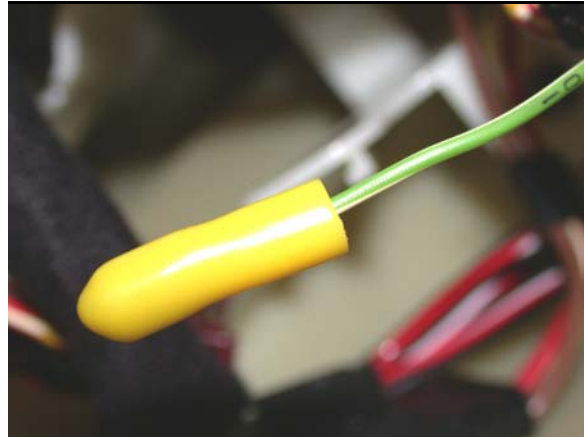
4. Remove the contact area of the male pin using a suitable metal cutting device.



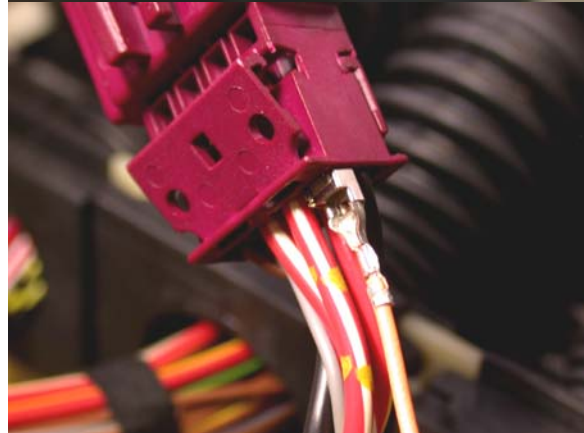
5. Pin with contact area removed.



6. Install the yellow insulating cap and tape it back to the harness.



7. Insert the retrofit harness male pin into pin 1 of connector X60531.

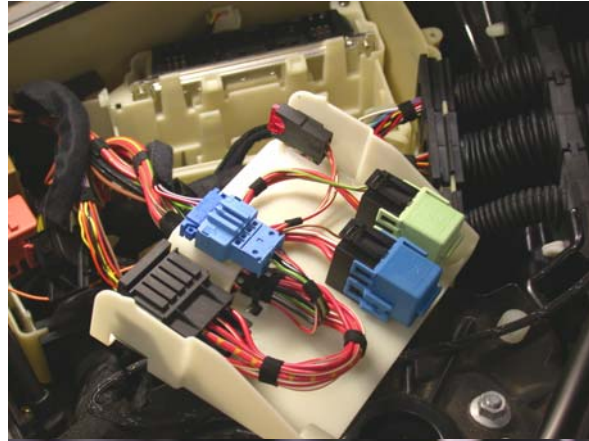


8. Relock connector. Reassemble and reinstall in the E-Box.

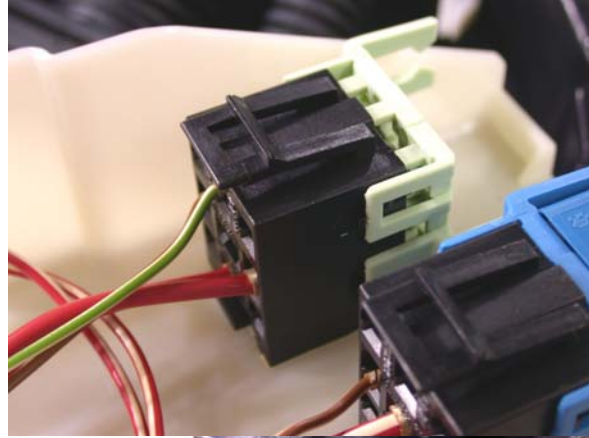


9. Remove connectors from the DME Control Module to more easily access the K6327 Fuel Injector Relay. Route retrofit harness toward the right side of the E-Box and secure it to the engine electrical harness.

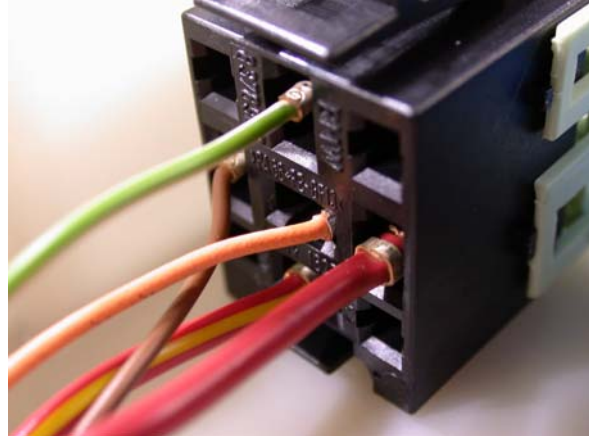
10. Access and remove the K6327 Relay (light green).



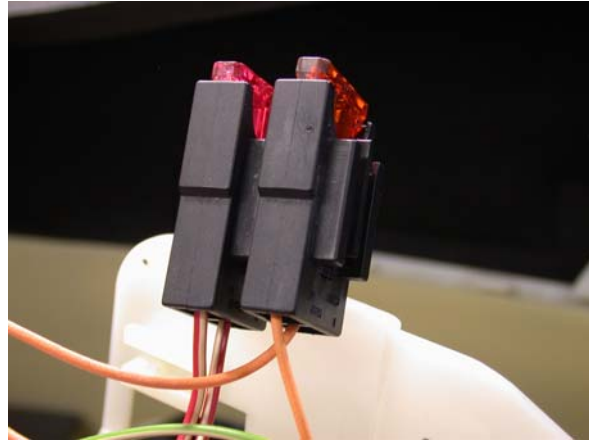
11. Remove Relay and lift the connector lock releasing the electrical contacts for service.



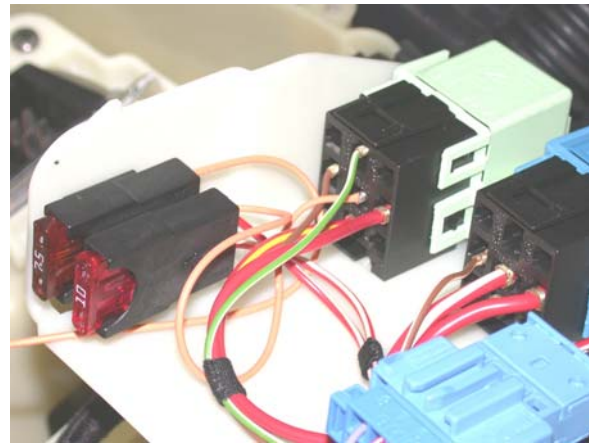
12. Insert the female pin for the retrofit harness into pin 5 of the relay connector.



13. Remove the adjacent 10 Amp fuse holder and attach retrofit harness fuse holder to one another.



14. Relock the connector and reinstall the relay. Mount the retrofit harness fuse holder and 10 Amp fuse holder in the original factory location.



15. Reinstall all components in E-Box to their proper locations. Replace the Oil Condition Sensor, reconnect the vehicle battery and clear fault code memory using the DIS Plus or GT1 Diagnostic device.