



Technical Service Information

MAZDA 929 R4A-EL PCM FAILURE

COMPLAINT: After overhaul, vehicle exhibits a melted wiring harness and Powertrain Control Module

CAUSE: The cause may be, the female Turbine Speed Sensor connector was connected to the male Heated Oxygen Sensor connector upon re-installation of the transmission into the vehicle.

CORRECTION: This problem can be avoided by ensuring that both female and male harness connectors have the same amount of wires. Refer to Figure 1 for Turbine Speed Sensor location. Refer to Figure 2 for 3 pin Turbine Speed Sensor and 4 pin Heated Oxygen Sensor connector identification.

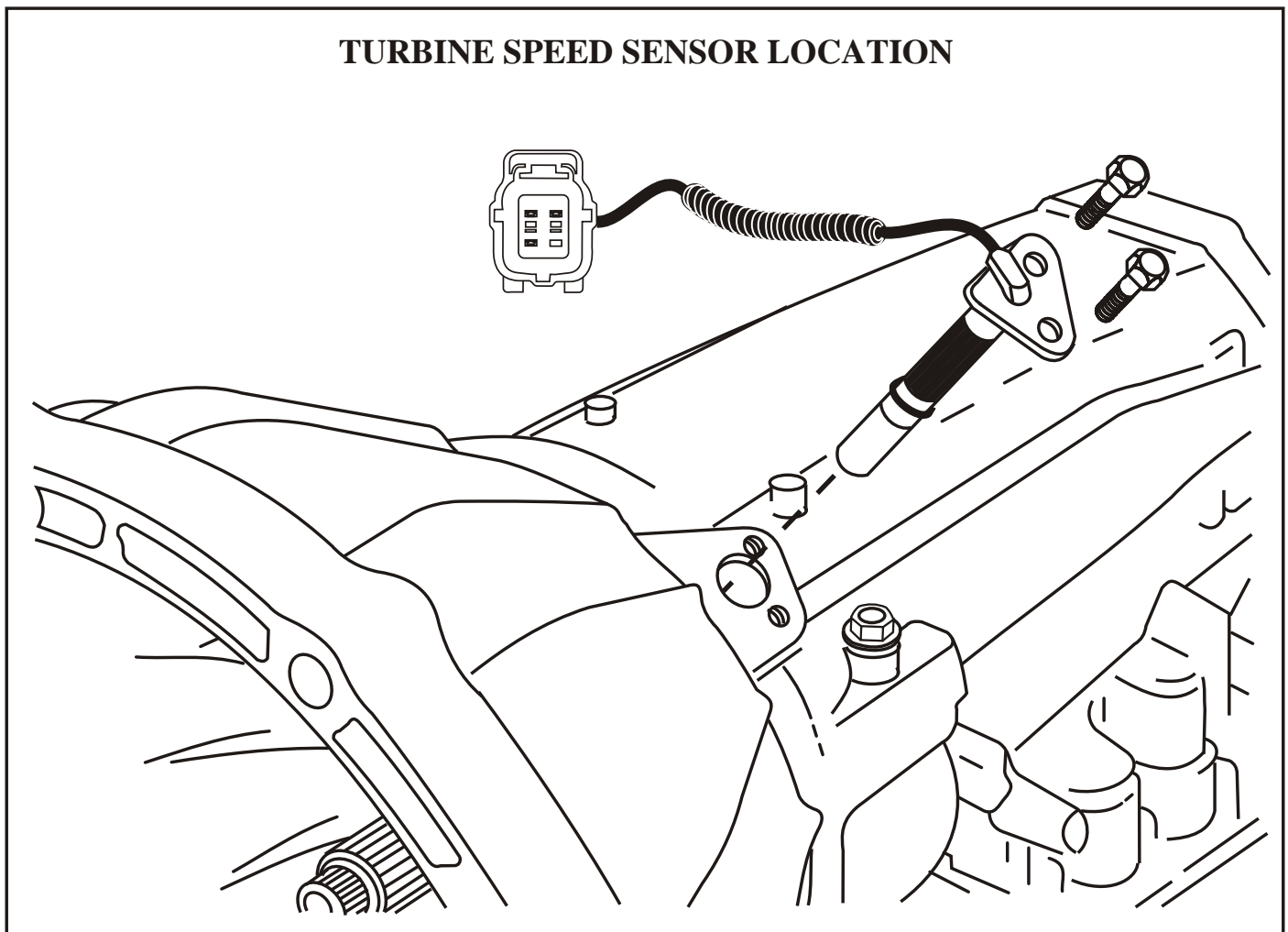
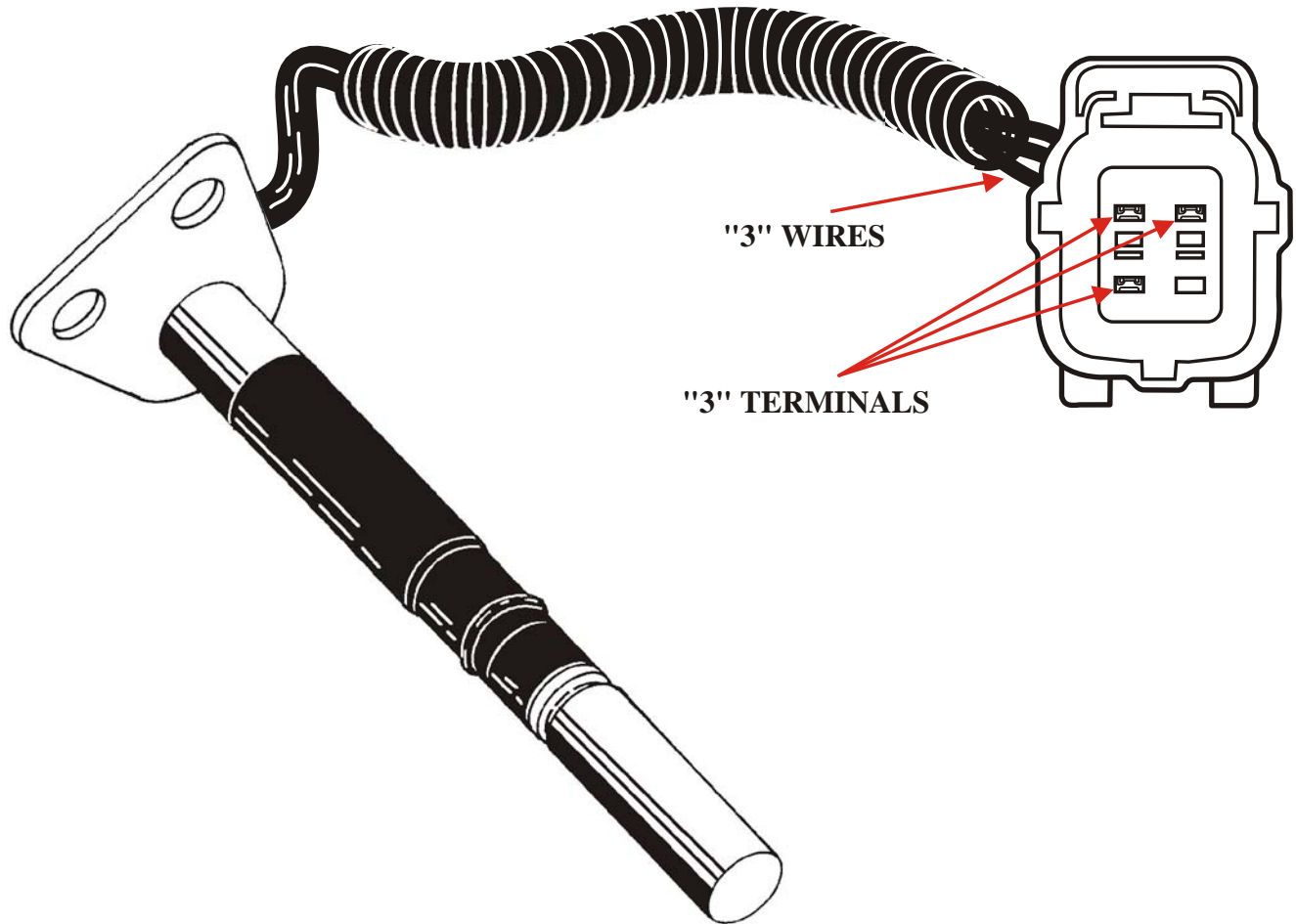


Figure 1

TURBINE SPEED SENSOR CONNECTOR



HEATED OXYGEN SENSOR AND CONNECTOR

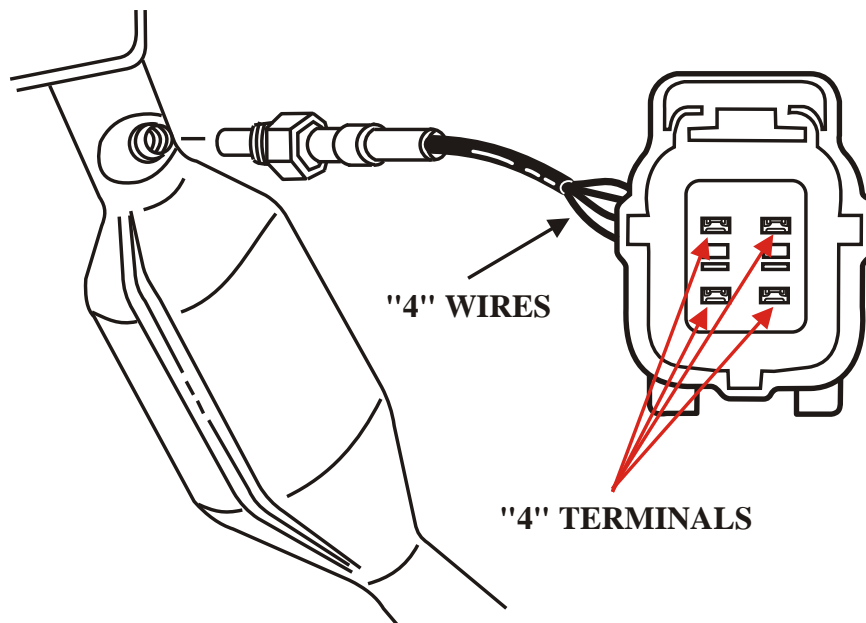


Figure 2

AUTOMATIC TRANSMISSION SERVICE GROUP