

ENGINE OIL TEMPERATURE SENSOR INSPECTION [SKYACTIV-D 2.2]

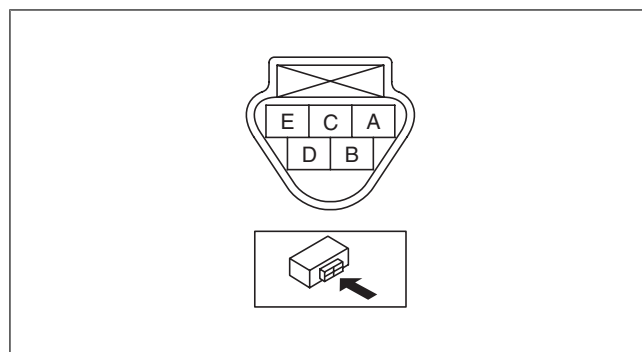
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Resistance Inspection

Note

- The engine oil temperature sensor and engine oil pressure sensor cannot be removed as a single unit. When replacing the engine oil temperature sensor or engine oil pressure sensor, replace the engine oil temperature sensor/engine oil pressure sensor.

- Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Remove the coolant reserve tank. (See COOLANT RESERVE TANK REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
- Disconnect the engine oil temperature sensor/engine oil pressure sensor connector. (See ENGINE OIL TEMPERATURE SENSOR/ENGINE OIL PRESSURE SENSOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
- Measure the resistance between engine oil temperature sensor/engine oil pressure sensor terminals E and C.
 - If not as specified, replace the engine oil temperature sensor/engine oil pressure sensor. (See ENGINE OIL TEMPERATURE SENSOR/ENGINE OIL PRESSURE SENSOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)



Specification (Reference)

Engine oil temperature (°C {°F})	Resistance (Kilohms)
-40 {-40}	Approx. 44.9
0 {32}	Approx. 5.78
25 {77}	Approx. 2.04
140 {284}	Approx. 0.0719

