

BOOST AIR TEMPERATURE SENSOR INSPECTION [SKYACTIV-D 2.2]

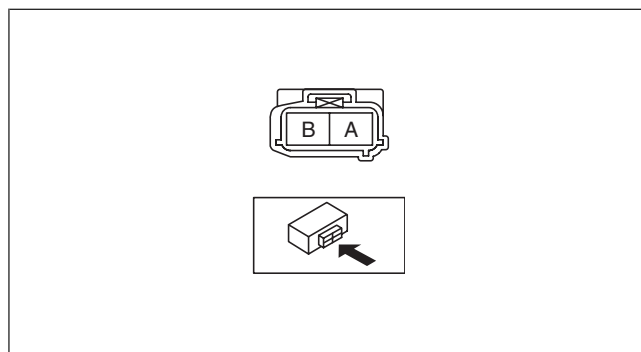
id0140z7218900

Resistance Inspection

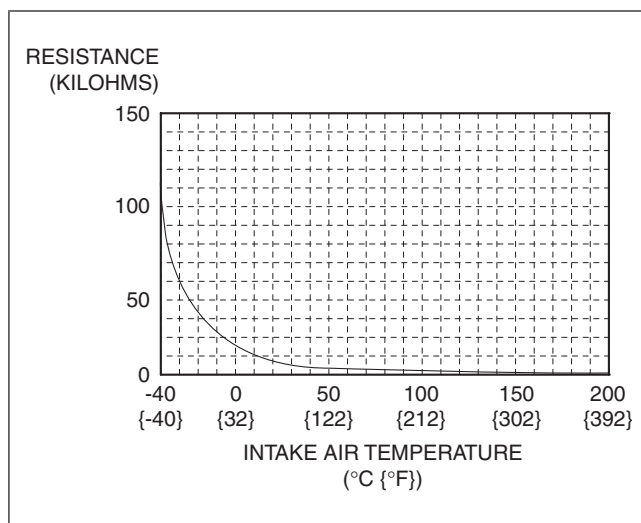
1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the front bumper. (See FRONT BUMPER REMOVAL/INSTALLATION.)
3. Remove the charge air cooler outlet pipe. (See CHARGE AIR COOLER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4. Disconnect the boost air temperature sensor connector.
5. Remove the boost air temperature sensor. (See BOOST AIR TEMPERATURE SENSOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
6. Measure the resistance between boost air temperature sensor terminals A and B.
 - If not as specified, replace the boost air temperature sensor. (See BOOST AIR TEMPERATURE SENSOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)

Specification (Reference)

IAT (°C {°F})	Resistance (Kilohms)
-40 {-40}	Approx. 113.0
0 {32}	Approx. 15.00
50 {122}	Approx. 2.20
100 {212}	Approx. 0.508
150 {302}	Approx. 0.160
200 {392}	Approx. 0.064



ac5wzw00005479



ac5wzw00005480