

EGR VALVE POSITION SENSOR INSPECTION [SKYACTIV-D 2.2]

id0140z7807600

Voltage Inspection

Note

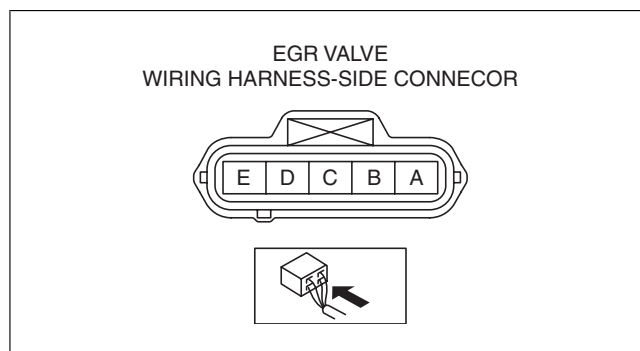
- Because the EGR valve position sensor is integrated in the EGR valve, replacing the EGR valve position sensor includes replacement of the EGR valve.

- Switch the ignition ON (engine off).
- Measure the voltage at the EGR valve terminal D.
 - If the voltage is within the specification, go to the next step.
 - If the voltage is not within the specification, replace the EGR valve. (See EGR VALVE REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)

Specification

1.05—1.35 V

- Connect the M-MDS to the DLC-2.
- Start the engine.
- Access the simulation item EGRP and the PID EGRP_ACT using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)
- Verify that the PID EGRP_ACT value conforms when the simulation item EGRP is changed from 0% to 80%.
 - If that cannot verify, replace the EGR valve. (See EGR VALVE REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)



Specification (Reference)

