

ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2]

id0140z7803200

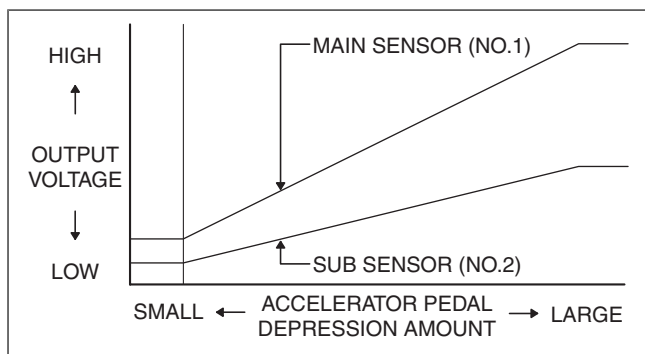
Voltage Inspection

Note

- Because the APP sensor is integrated in the accelerator pedal, replacing the APP sensor includes replacement of the accelerator pedal.

1. Connect the M-MDS to the DLC-2.
2. Switch the ignition ON (engine off).
3. Verify that the APP sensor output voltage (PID: APP1, APP2) increases according to the increase in the accelerator opening angle when the accelerator opening angle is gradually increased. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)
 - If verified, go to the next step.
 - If it cannot be verified, replace the accelerator pedal. (See ACCELERATOR PEDAL REMOVAL/ INSTALLATION [SKYACTIV-D 2.2].)
4. Verify that the APP sensor output voltage (PID: APP1, APP2) is within the specification when the accelerator pedal is depressed and not depressed. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) (See PCM INSPECTION [SKYACTIV-D 2.2].)
 - If not within the specification, replace the accelerator pedal. (See ACCELERATOR PEDAL REMOVAL/ INSTALLATION [SKYACTIV-D 2.2].)

Specification (Reference)



ac5wzw00006421