

ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-G 2.0]

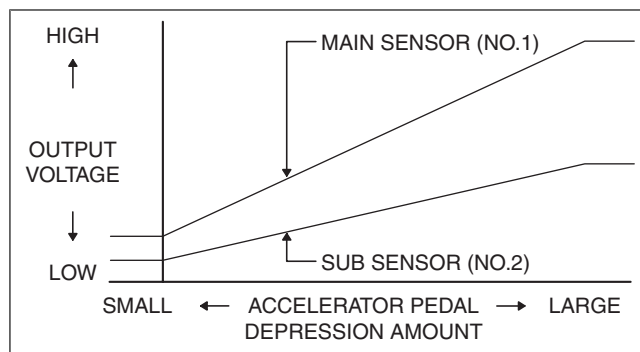
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Voltage Inspection

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 or on).
 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-G 2.0].)
 - If verified, go to the next step.
 - If not as verified, replace the accelerator pedal. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)
 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-G 2.0].) (See PCM INSPECTION [SKYACTIV-G 2.0].)
 - If not as specified, replace the accelerator pedal. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)

Specification



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