

## ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

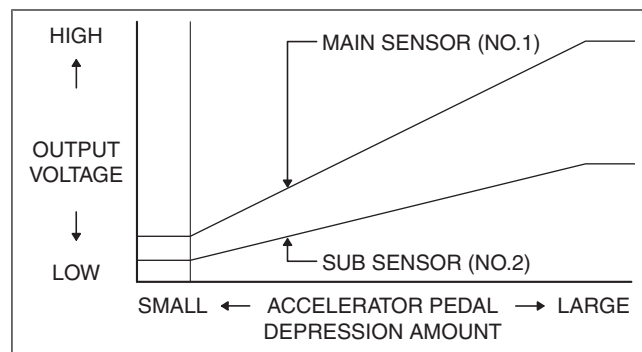
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### Voltage Inspection

#### 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).
  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, SKYACTIV-G 2.5].)
    - If verified, go to the next step.
    - If it cannot be verified, replace the accelerator pedal. (See ACCELERATOR PEDAL REMOVAL/ INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
  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, SKYACTIV-G 2.5].) (See PCM INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
    - If not within the specification, replace the accelerator pedal. (See ACCELERATOR PEDAL REMOVAL/ INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)

### Specification



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