

ACCELERATOR PEDAL POSITION SENSOR INSPECTION

SF1ZE-01

1. INSPECT ACCELERATOR PEDAL POSITION SENSOR

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) Check if the voltage (ACCEL POS) of the CURRENT DATA indicates the standard value.

Accelerator pedal released: 0.5 to 1.1 V

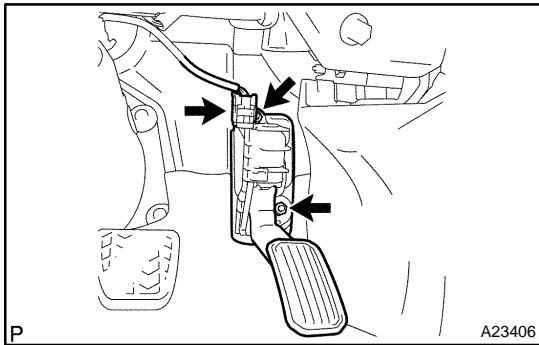
Accelerator pedal depressed: 2.6 to 4.5 V

- (d) Check if the voltage (ACCEL POS #2) of the CURRENT DATA indicates the standard value.

Accelerator pedal released: 1.2 to 2.0 V

Accelerator pedal depressed: 3.4 to 5.3 V

If not using a hand-held tester, measure the voltage between terminals (VPA – EPA, VPA2 – EPA2) of the ECM connector (see page [DI-34](#)).



2. REMOVE ACCELERATOR PEDAL ROD

- (a) Disconnect the accelerator pedal connector.
- (b) Remove the 2 nuts and the accelerator pedal assy.

3. INSTALL ACCELERATOR PEDAL ROD

NOTICE:

- **Avoid physical shock to the accelerator pedal assy.**
- **Do not disassemble the accelerator pedal assy.**

- (a) Install the accelerator pedal assy with the 2 nuts.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

- (b) Connect the accelerator pedal connector.