

## EFI SYSTEM (1AZ-FE)

1006L-01

### ON-VEHICLE INSPECTION

#### 1. INSPECTION THROTTLE BODY

- (a) Inspect the throttle control motor for operating sound.
  - (1) Turn the ignition switch ON.
  - (2) When turning the accelerator pedal position sensor lever, check the running sound of the motor. Also, check that there is no friction sound.
- (b) Inspect the throttle position sensor.
  - (1) Connect the hand-held tester to the DLC3.
  - (2) Turn the ignition switch ON.
  - (3) Check that the check engine warning light does not light up.
  - (4) Check that the throttle valve opening percentage (THROTTLE POS) of the CURRENT DATA shown the standard value.

**Standard throttle valve opening percentage:**

**60 % or more**

#### 2. INSPECT ACCELERATOR PEDAL POSITION SENSOR

- (a) When turning ignition switch ON, check that the voltage of the throttle position sensor of the CURRENT DATA shown the standard value.

**Standard voltage: 0.6 – 1.0 V**

#### 3. INSPECT CAMSHAFT TIMING OIL CONTROL VALVE ASSY

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch ON.
- (c) Start the engine and warmed it up.
- (d) Connect the hand-held tester and select the VVT from the ACTIVE TEST menu.
- (e) Check the engine speed when the OCV is operated by the hand-held tester.

**Standard:**

**VVT system is OFF (OCV is OFF): Normal engine speed**

**VVT system is ON (OCV is ON): Rough idle or engine stalled**