

EFI SYSTEM (1MZ-FE)

1006E-02

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