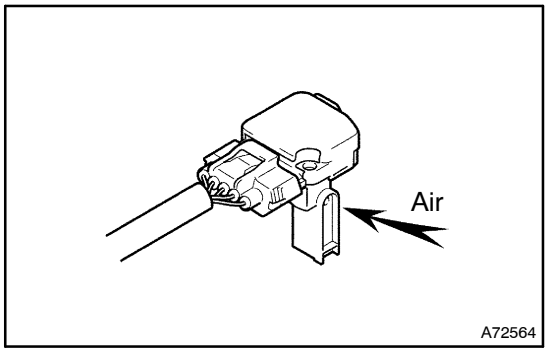
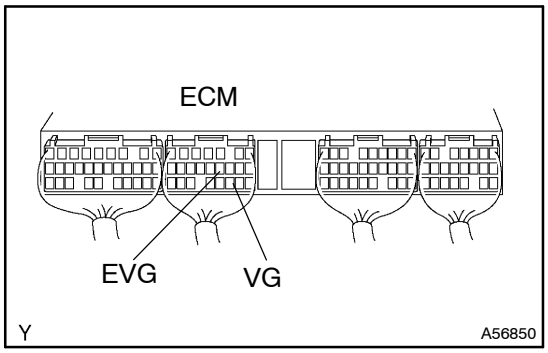
ECD SYSTEM (1KD–FTV)

100CA–01

ON–VEHICLE INSPECTION





1. INSPECTION MASS AIR FLOW METER

(a) If you have hand–held tester:
Inspect for operation
(1) Connect the hand–held tester to the DLC3.
(2) Turn the ignition switch ON.
(3) Blow air into the MAF meter, and check that the air flow fluctuates (MAF) of the CURRENT DATA shown the standard value.

If operation is not as specified, check the MAF meter (See page 10–26), wiring and ECM.

(b) If you have no hand–held tester:
Inspect for operation
(1) Turn the ignition switch ON.
(2) Using a voltmeter, connect the positive (+) tester probe to terminal VG, and negative (–) tester probe to terminal EVG.
(3) Blow air into the MAF meter, and check that the voltage fluctuates.

If operation is not as specified, check the MAF meter (See page 10–26), wiring and ECM.

2. INSPECT ACCELERATOR PEDAL ROD ASSY (ACCELERATOR PEDAL POSITION SENSOR)

(a) Connect the hand–held tester to the DLC3.
(b) Turn the ignition switch ON.
(c) Check that the voltage (ACCEL POS) of the CURRENT DATA shown the standard value.
Accelerator pedal released: 0.3 – 0.9 V
Accelerator pedal depress: 3.2 – 4.8 V
(d) Check that the voltage (ACCEL POS #2) of the CURRENT DATA shown the standard value.
Accelerator pedal released: 1.8 – 2.7 V
Accelerator pedal depress: 4.5 – 5.5 V

If you have no hand–held tester, measure voltage between terminals (VPA – EPA, VPA2 – EPA2) of the ECM connector (See page 05–440).