

## FUEL SYSTEM (Programmed Fuel Injection)

### 4. MAP Sensor Output Line Open Circuit Inspection

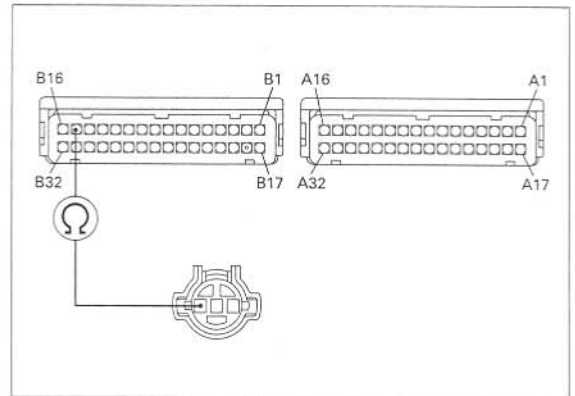
Disconnect the ECM 32P connectors.  
Check for continuity at the Light green/yellow wire between the MAP sensor 3P connector terminal and the ECM 32P (Light gray) connector.

**Connection: B15 – Light green/yellow**

**Is there continuity?**

**YES** – Replace the ECM with a known good one, and recheck

**NO** – Open circuit in Light green/yellow wire



### DTC 2-1 (MAP SENSOR)

- Before starting the inspection, check for loose or poor contact on the MAP sensor connector and recheck the DTC.

#### 1. MAP Sensor System Inspection

Turn the ignition switch ON and engine stop switch "  $\odot$  ".

Start the engine and check the MAP sensor with the HDS at idle speed.

**Is 1.6 V indicated?**

**YES** – Intermittent failure

**NO** – GO TO STEP 2.

#### 2. Manifold Absolute Pressure Test

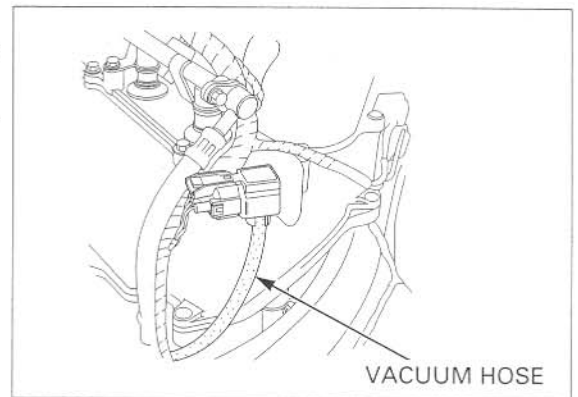
Turn the ignition switch OFF.

Check for connection and installation of the MAP sensor vacuum hose.

**Is the MAP sensor vacuum hose connection correct?**

**YES** – GO TO STEP 3.

**NO** – Correct the hose installation



#### 3. MAP Sensor System Inspection

Replace the MAP sensor with a known good one (page 6-88).

Turn the ignition switch ON and engine stop switch "  $\odot$  ".

Start the engine and check the MAP sensor with the HDS at idle speed.

**Is 1.6 V indicated?**

**YES** – Faulty original MAP sensor

**NO** – Replace the ECM with a known good one, and recheck.