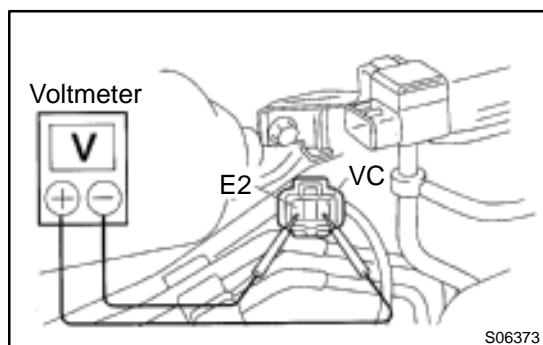


INSPECTION

1. INSPECT POWER SOURCE VOLTAGE OF MAP SENSOR

- Disconnect the MAP sensor connector.
- Turn the ignition switch ON.



- Using a voltmeter, measure the voltage between connector terminals VC and E2 of the wiring harness side.

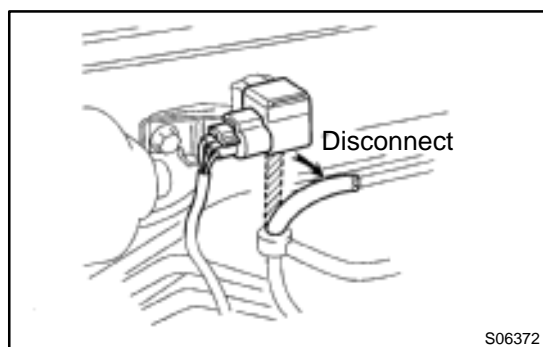
Voltage:

4.5 – 5.5 V

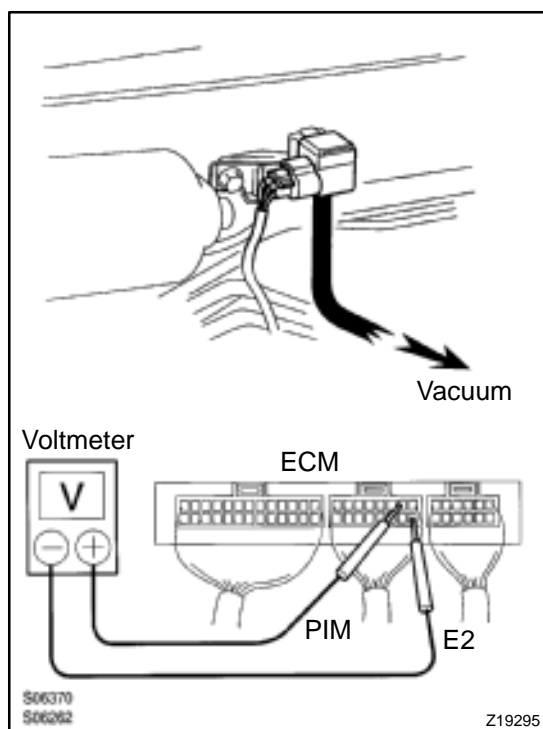
- Turn the ignition switch to LOCK.
- Reconnect the MAP sensor connector.

2. INSPECT POWER OUTPUT OF MAP SENSOR

- Turn the ignition switch ON.



- Disconnect the vacuum hose from the MAP sensor.



- Connect a voltmeter to terminals PIM and E2 of the ECM, and measure the output voltage under ambient atmospheric pressure.
- Apply vacuum to the MAP sensor in 13.3 kPa (100 mmHg, 3.94 in.Hg) segments to 66.7 kPa (500 mmHg, 19.69 in.Hg).
- Measure the voltage drop from step (c) above for each segment.

Voltage Drop:

Applied Vacuum kPa (mmHg) (in.Hg)	13.3 (100) (3.94)	26.7 (200) (7.87)	40.0 (300) (11.81)	53.5 (400) (15.75)	66.7 (500) (19.69)
Voltage drop V	0.3 – 0.5	0.7 – 0.9	1.1 – 1.3	1.5 – 1.7	1.9 – 2.1

- Reconnect the vacuum hose to the MAP sensor.