

3. Pre-inspection

Before performing diagnostics, check the following items which might affect engine problems:

1. POWER SUPPLY

1) Measure battery voltage and specific gravity of electrolyte.

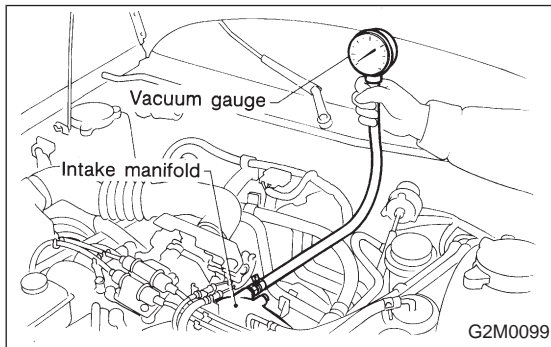
Standard voltage: 12 V

Specific gravity: Above 1.260

2) Check the condition of the main and other fuses, and harnesses and connectors. Also check for proper grounding.

2. CAPS AND PLUGS

- 1) Check that the fuel cap is properly closed.
- 2) Check that the oil filler cap is properly closed.
- 3) Check that the oil level gauge is properly inserted.



3. INTAKE MANIFOLD VACUUM PRESSURE

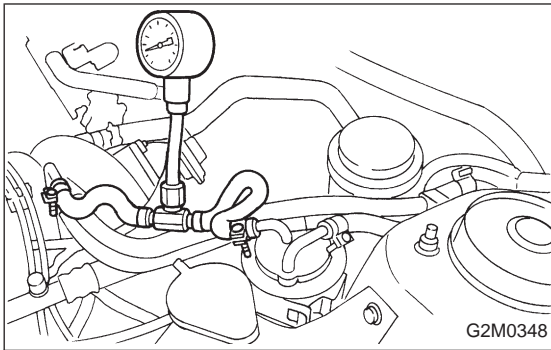
1) After warming-up the engine, measure intake manifold vacuum pressure while at idle.

Standard vacuum pressure:

More than -66.7 kPa (-500 mmHg, -19.69 inHg)

<Ref. to 2-2 [05A0].>

2) Unusual vacuum pressure occurs because of air leaks, fuel or engine problems. In such a case, engine idles roughly.



4. FUEL PRESSURE

1) Release fuel pressure

<Ref. to 2-8 [W1A0].>

2) Connect fuel pressure gauge between fuel filter and hose, and measure fuel pressure at idling.

<Ref. to 2-8 [W2A0].>

Fuel pressure:

177 — 206 kPa (1.8 — 2.1 kg/cm², 26 — 30 psi)

5. ENGINE GROUNDING

Make sure the engine grounding terminal is properly connected to the engine.