

# INTAKE-AIR SYSTEM MANIFOLD VACUUM INSPECTION [ZJ, Z6]

B3E011300113W04

1. • Verify that the intake air hoses are installed securely.
2. Warm up the engine.
3. Disconnect the vacuum hose connecting the intake manifold and the purge solenoid valve (purge solenoid valve side) and install the vacuum gauge.
4. Measure the intake manifold vacuum while idling (no load) using the vacuum gauge.
  - If not within the specification, perform the following inspections.
    - Accelerator cable play
    - Compression pressure (See [COMPRESSION INSPECTION \[ZJ, Z6\]](#).)
    - Air suction (installation areas of throttle body, fuel injector, PCV valve, intake manifold)

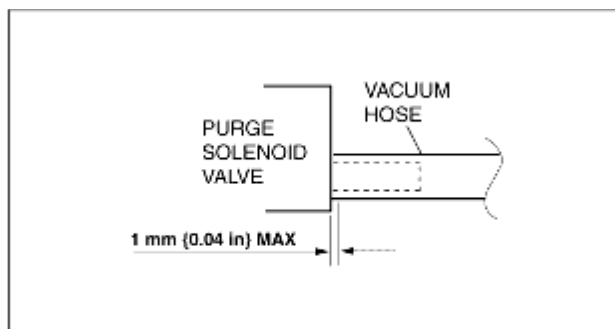
## Note

- If any air suction exists, the change in engine speed can be made apparent by spraying the penetrant lubricating spray on the applicable part.

## Standard

**ZJ: -71.0 kPa {-533 mmHg, -21.0 inHg} or more****Z6 (ATX): -71.0 kPa {-533 mmHg, -21.0 inHg} or more****Z6 (MTX): -72.0 kPa {-541 mmHg, -21.3 inHg} or more**

5. After measuring the intake manifold vacuum, install the vacuum hose to the purge solenoid valve as shown in the figure.



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