

2012 - Mazda6 - Engine

INTAKE MANIFOLD VACUUM INSPECTION [MZI 3.7 V6]

1. Verify that the intake air hoses are installed securely.
2. Disconnect the vacuum hose connecting the intake manifold and the purge solenoid valve (purge solenoid valve side) and install the vacuum gauge.
3. Warm up the engine.
4. Measure the intake manifold vacuum while idling (no load) using the vacuum gauge.
 - If not within the specification, perform the following inspections.
 - Compression pressure (See [COMPRESSION INSPECTION \[MZI 3.7 V6\]](#).)
 - Air suction (installation areas of throttle body, fuel injector, PCV valve, dynamic chamber)

Standard

- Approx. -70 {-525 mmHg, -21 inHg}

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