

## 2. Compression S103081

### A: INSPECTION S103081A10

**CAUTION:**

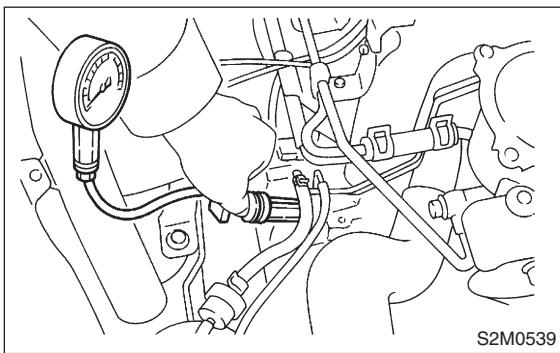
After warming-up, engine becomes very hot. Be careful not to burn yourself during measurement.

- 1) After warming-up the engine, turn ignition switch to OFF.
- 2) Make sure that the battery is fully charged.
- 3) Disconnect battery ground cable.
- 4) Remove all the spark plugs. <Ref. to IG-4 REMOVAL, Spark Plug.>
- 5) Disconnect connectors from fuel injectors.
- 6) Connect battery ground cable.
- 7) Fully open throttle valve.
- 8) Check the starter motor for satisfactory performance and operation.
- 9) Hold the compression gauge tight against the spark plug hole.

**CAUTION:**

When using a screw-in type compression gauge, the screw (put into cylinder head spark plug hole) should be less than 18 mm (0.71 in) long.

- 10) Crank the engine by means of the starter motor, and read the maximum value on the gauge when the pointer is steady.



- 11) Perform at least two measurements per cylinder, and make sure that the values are correct.

**Compression (350 rpm and fully open throttle):**

**Standard;**

1,079 — 1,275 kPa (11.0 — 13.0 kg/cm<sup>2</sup>,  
156 — 185 psi)

**Limit;**

1,020 kPa (10.4 kg/cm<sup>2</sup>, 148 psi)

**Difference between cylinders;**

49 kPa (0.5 kg/cm<sup>2</sup>, 7 psi), or less