

## 4. Engine Compression

### A: MEASUREMENT

#### CAUTION:

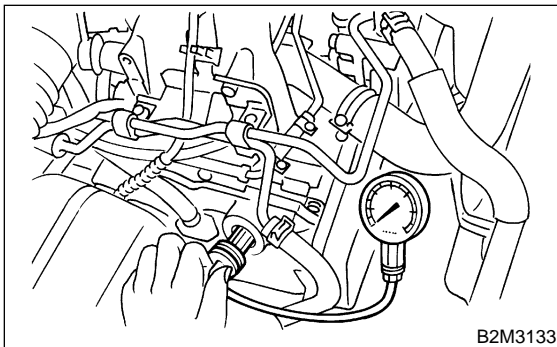
After warming-up, engine becomes very hot. Be careful not to burn yourself during measurement.

- 1) After warming-up the engine, turn ignition switch to OFF.
- 2) Make sure that the battery is fully charged.
- 3) Release fuel pressure. <Ref. to 2-8 [W1A0].>
- 4) Remove all the spark plugs. <Ref. to 6-1 [W3A0].>
- 5) Fully open throttle valve.
- 6) Check the starter motor for satisfactory performance and operation.
- 7) 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.

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



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

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

**Standard;**

**1,216 kPa (12.4 kg/cm<sup>2</sup>, 176 psi)**

**Limit;**

**941 kPa (9.6 kg/cm<sup>2</sup>, 137 psi)**

**Difference between cylinders;**

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