

## 2. Compression

### A: INSPECTION

#### CAUTION:

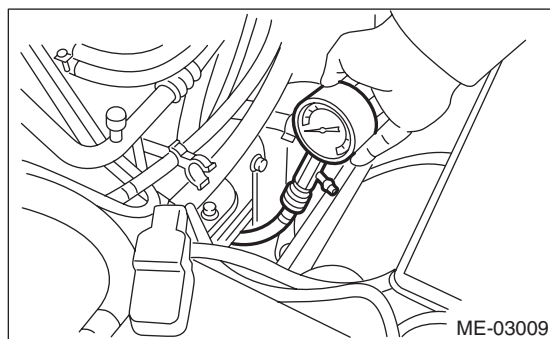
After warming-up, engine becomes very hot. Be careful not to burn yourself during measurement.

- 1) Remove the collector cover.
- 2) After warming-up the engine, turn the ignition switch to OFF.
- 3) Make sure that the battery is fully charged.
- 4) Release the fuel pressure. <Ref. to FU(H4DOTC)-49, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 5) Remove all the spark plugs.<Ref. to IG(H4DOTC)-4, REMOVAL, Spark Plug.>
- 6) Fully open the throttle valve.
- 7) Check the starter motor for satisfactory performance and operation.
- 8) Hold the compression gauge tightly against the spark plug hole.

#### NOTE:

When using a screw-in type compression gauge, the screw should be less than 18 mm (0.71 in) long.

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



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

**Compression (200 — 300 rpm and fully open throttle):**

#### **Standard:**

**981 — 1,177 kPa (10 — 12 kgf/cm<sup>2</sup>,  
142 — 171 psi)**

#### **Difference between cylinders:**

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