

2. Compression

A: INSPECTION

CAUTION:

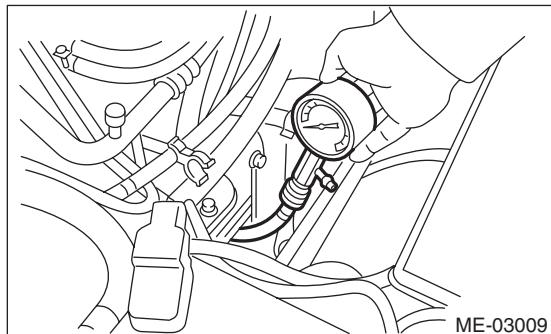
After warming-up, engine becomes very hot. Be careful not to burn yourself at measurement.

- 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)-51, 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:

The screw of a screw-in type compression gauge should be less than 18 mm (0.71 in) in length.

- 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 check that the values are correct.

Compression (fully open throttle):

Standard

**981 — 1,177 kPa
(10 — 12 kgf/cm², 142 — 171 psi)**

Limit

882 kPa (9.0 kgf/cm², 128 psi)

Difference between cylinders

49 kPa (0.5 kgf/cm², 7 psi), or less

- 11) After inspection, install the related parts in the reverse order of removal.