

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(H6DO)-62, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 5) Remove all spark plugs. <Ref. to IG(H6DO)-5, REMOVAL, Spark Plug.>
- 6) Fully open the throttle valve.
- 7) Check the starter motor for satisfactory performance and operation.
- 8) Secure 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.

NOTE:

- Perform at least two measurements per cylinder, and make sure that the values are correct.
- If the compression pressure is out of standard, check or adjust the pistons, valves and cylinders.

Compression (350 rpm and fully open throttle):

Standard

1,275 — 1,471 kPa (13.0 — 15.0 kg/cm², 185 — 213 psi)

Limit

1,128 kPa (11.5 kg/cm², 164 psi)

Difference between cylinders

49 kPa (0.5 kg/cm², 7 psi), or less

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