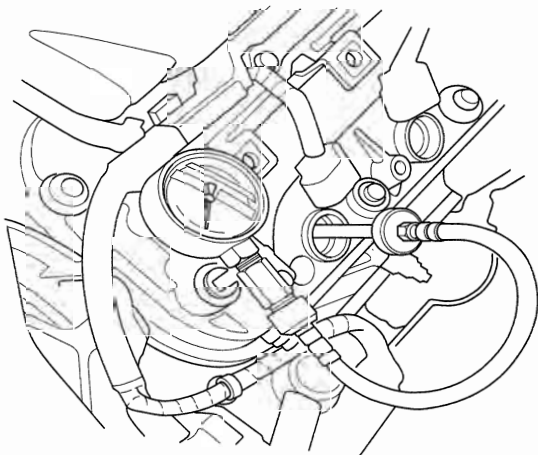


# Cylinder Head

## Engine Compression Inspection

NOTE: After this inspection, you must select engine control module (ECM)/powertrain control module (PCM) reset using the Honda Diagnostic System (HDS) (see page 11-4), otherwise ECM/PCM will continue to stop the fuel injectors from operating.

1. Warm up the engine to normal operating temperature (cooling fan comes on).
2. Turn the ignition switch OFF.
3. Connect the HDS to the data link connector (DLC) (see page 11-3).
4. Select PGM-FI, select inspection, then select the ALL INJECTORS OFF function on the HDS.
5. Remove the six ignition coils (see page 4-19).
6. Remove the six spark plugs.
7. Attach the compression gauge to the spark plug hole.



8. Open the throttle fully, then crank the engine with the starter motor and measure the compression.

**Compression Pressure:**  
**Above 930 kPa (9.5 kgf/cm<sup>2</sup>, 135 psi)**

9. Measure the compression on the remaining cylinders.

**Maximum variation:**  
**Within 200 kPa (2.0 kgf/cm<sup>2</sup>, 28 psi)**

10. If the compression is not within specifications, check the following items, then remeasure the compression.
  - Damaged or worn valves and seats
  - Damaged cylinder head gasket
  - Damaged or worn piston rings
  - Damaged or worn piston and cylinder bore
11. Select ECM/PCM reset (see page 11-4) to cancel the ALL INJECTORS OFF function on the HDS.