

CYLINDER COMPRESSION TEST

Warm up the engine to normal operating temperature.

Stop the engine and remove the spark plug.

Install a compression gauge.

Open the throttle all the way and crank the engine with the starter motor until the gauge reading stops rising.

COMPRESSION PRESSURE:

**1,226 kPa (12.5 kg/cm², 178 psi)
at 1,000 rpm (min⁻¹)**

Low compression can be caused by:

- Blown cylinder head gasket
- Improper valve adjustment
- Valve leakage
- Worn piston ring or cylinder

High compression can be caused by:

- Carbon deposits in combustion chamber or on piston head



CAMSHAFT REMOVAL

Remove the cam chain tensioner (page 10-13)

Remove the crankshaft hole cap and timing hole cap.

Turn the crankshaft counterclockwise and align the "T" mark with the index notch on the left crankcase cover.

