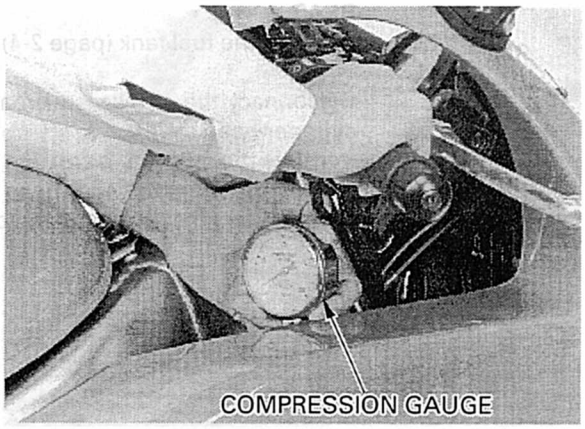
# CYLINDER COMPRESSION

Warm up the engine to normal operating temperature.
Stop the engine and remove the spark plug caps and spark plugs.
Install the compression gauge into the spark plug hole.
Shift the transmission in neutral.
Open the throttle all the way and crank the engine with the starter motor until the gauge reading stops rising. The maximum reading is usually reached within 4 — 7 seconds.




**COMPRESSION PRESSURE:**
1,128 kPa (11.5 kgf/cm², 164 psi)
at 350 min⁻¹ (rpm)

Low compression can be caused by:
—blown cylinder head gasket
—improper valve adjustment
—valve leakage
—worn piston ring or cylinder

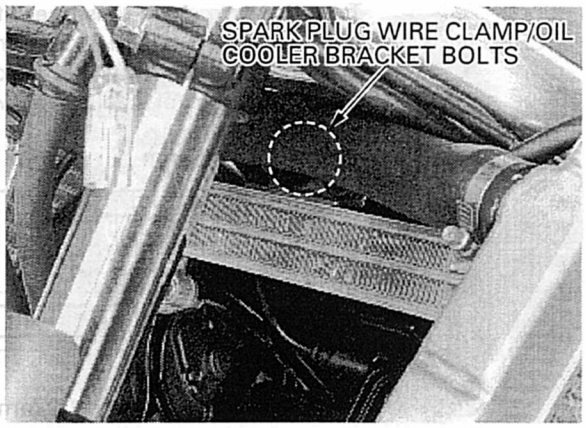
High compression can be caused by:
—carbon deposits in combustion chamber or on piston head

# CYLINDER HEAD COVER REMOVAL

**FRONT:**
Remove the front fairing (page 2-3).

Remove the spark plug wire from the clamp.
Remove the two bolts and the oil cooler with the bracket from the frame.

Move the oil cooler forward.




Disconnect the crankcase breather hose from the cylinder head cover.
Remove the spark plug cap.
Remove the four cylinder head cover bolts, special washers and the cylinder head cover.