



## CARBURETOR IDLE SPEED

### NOTE

- Inspect and adjust carburetor idle speed after all other engine adjustments are within specification.
- The engine must be warm for accurate idle inspection and adjustment. Ten minutes of stop and go riding is sufficient.

Connect a tachometer.

Warm up the engine, shift the transmission to NEUTRAL, and hold the motorcycle upright.

Inspect and adjust idle speed with the throttle stop screw, if necessary.

IDLE SPEED:  $1,500 \pm 100$  rpm



THROTTLE STOP SCREW

## CYLINDER COMPRESSION

Warm up the engine.

Stop the engine and remove the spark plug.  
Insert the compression gauge.

Push the choke knob in.

Open the throttle grip fully.

Crank the engine with the starter motor.

### NOTE

Crank the engine until the gauge reading stops rising. The maximum reading is usually reached within 4-7 seconds.

COMPRESSION PRESSURE:  $12.5 \pm 0.5$  kg/cm<sup>2</sup>  
( $178 \pm 7$  psi)

Low compression can be caused by:

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

High compression can be caused by:

- Carbon deposits in combustion chamber or on the piston crown.



COMPRESSION GAUGE