

Maintenance

Carburetor Idle Speed

NOTE

- Check and adjust idle speed after warming up the engine first.

Place the motorcycle on its side stand and shift the transmission into neutral.
Turn the throttle stop screw as required to obtain the specified idle speed.

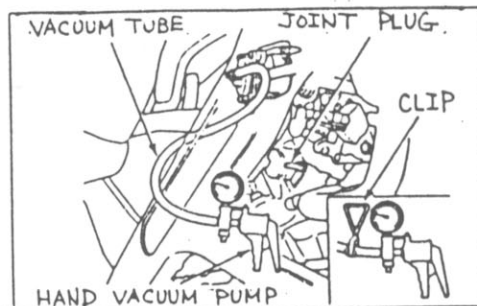
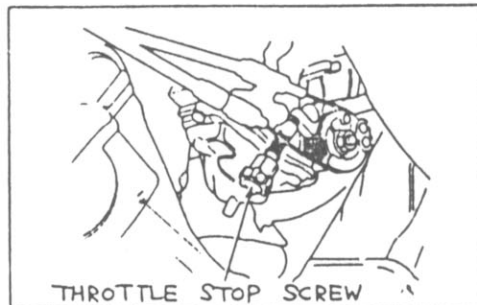
✓ Idle Speed: $1,300 \pm 100 \text{ rpm}$

Snap the throttle grip several times and recheck the idle speed. If synchronization is not stable, correct by the pilot screw/synchronization adjustment.

Carburetor Synchronization

Disconnect the vacuum tube from the rear (No.1) cylinder intake port joint plug.

Draw vacuum and pinch the tube with a clip as shown.



Remove the plug and the sealing washer from the front (No.2) cylinder intake port and install the vacuum gauge adapter. Connect the vacuum gauge.

Vacuum Gauge Tester

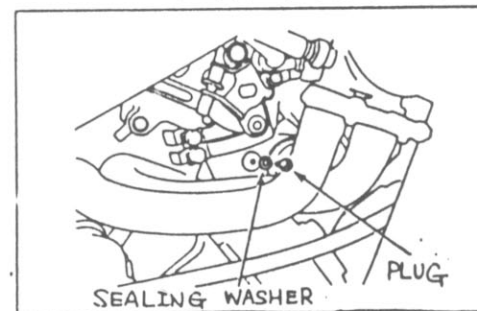
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Start the engine and adjust the idle speed.

Idle Speed: $1,300 \pm 100 \text{ rpm}$

Check the differences between vacuum readings.

Carburetor Synchronization: Both carburetors within 40 mmHg (1.6 inHg) of each other



If the vacuum readings between carburetors are greater than specified, correct the difference as follows.

Make sure that the pilot screw opening of each carburetor is correct.

Pilot Screw Opening: $2 \frac{1}{4} < 2 \frac{3}{4}$

Adjust the synchronization adjusting screw on the front (No.2) carburetor.

NOTE

- Rear (No.1) carburetor cannot be adjusted.

