



## CARBURETOR SYNCHRONIZATION

### NOTE

Synchronize the carburetors with the engine at normal operating temperature, transmission in neutral and motorcycle on the center stand.

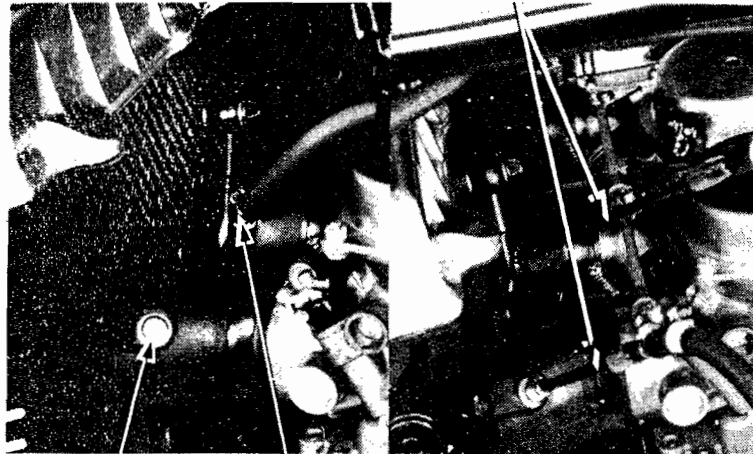
Disconnect the fuel valve vacuum line at the No. 2 intake pipe.

Remove the plugs and vacuum line connector from the intake pipes and install the vacuum gauge adaptors.

Connect the vacuum gauges.

VACUUM LINE

ADAPTORS



PLUG

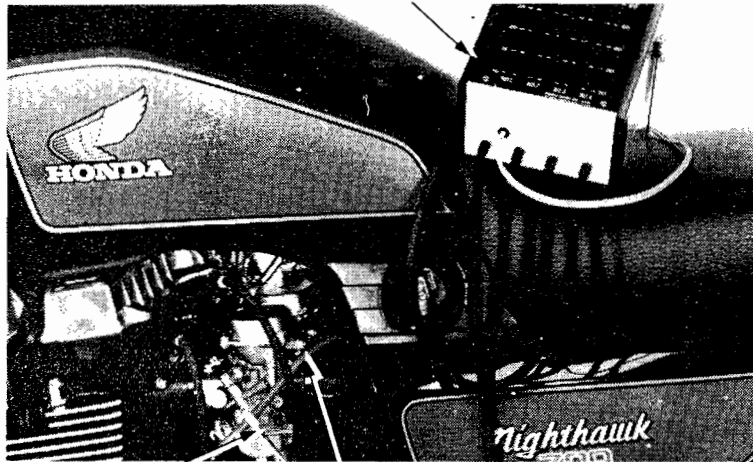
CONNECTOR

Apply vacuum to the fuel valve vacuum line with a hand vacuum pump.

### NOTE

If a hand vacuum pump is not available, start the engine and pinch the vacuum line with a tube clamp before disconnecting the vacuum line.

VACUUM GAUGE 07404-0020000  
OR M937B-021-XXXXX (U.S.A. ONLY)



TUBE CLAMP

VACUUM LINE

Start and warm up the engine.

Adjust the idle speed with the throttle stop screw.

**IDLE SPEED: 1,000 ± 100 rpm**

Check that the differences in vacuum readings are 50 mm (2.0 in) Hg or less.

Adjust within specifications by turning the adjusting screws, if necessary.

The No. 2 carburetor cannot be adjusted. It is the base.

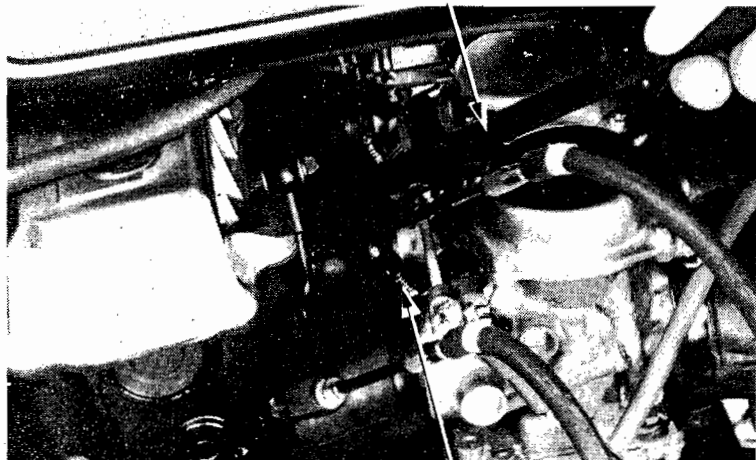
Recheck the idle speed and synchronization.

Stop the engine.

Disconnect the gauges and remove the gauge adaptors from the ports.

Install the removed parts in the reverse order of removal.

CARBURETOR PILOT SCREW WRENCH  
07908-4220201



ADJUSTING SCREWS