

Fig. 20-14 Idle adjustment
① Throttle stop screw

ADJUSTMENT

Adjustment is normally performed after the engine has been warmed up to operating oil temperature of 140° to 157°F (60 to 70°C).

Idle adjustment

Set the engine idle speed to 900-1,000 rpm with the throttle stop screw. (Fig. 20-14)

- * Turning the stop screw in the clockwise direction will decrease the idle speed.
- * Turning in the counter clockwise direction will increase the idle speed.

Carburetor synchronization

1. Remove the fuel tank from the frame and position it approximately 20 in. (50 cm) higher than motorcycle, and then reconnect the tank and the carburetor system with a rubber tube.
2. Remove the rubber boot from the link arm.
3. Connect up the vacuum gauges. Remove the carburetor plugs and connect the longer size adapters to the two inside carburetors, and the shorter size adapters to the outside carburetors.

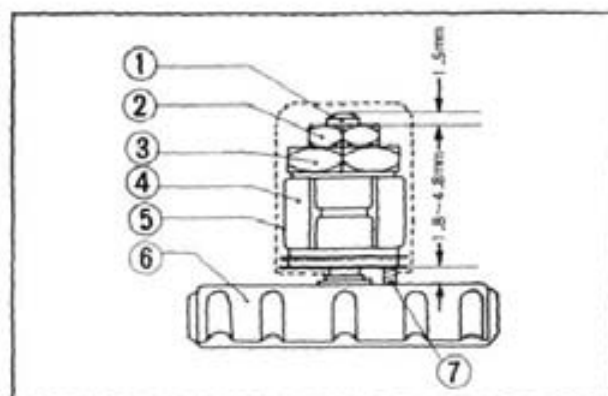


Fig. 20-15 Link component

① Rod	⑤ Rubber boot
② Lock nut	⑥ Top
③ Adjuster screw	⑦ Gauge
④ Link arm	

4. Start the engine, loosen the adjuster screw lock nut and turn the adjuster screws so that the vacuum gauges connected to the carburetors are all indicating uniformly (within 3.0 cmHg) between 16 to 24 cmHg. (Fig. 20-15)

- Turning the adjuster screw in the clockwise direction will raise the vacuum pressure.
- Turning the screw in the counter clockwise direction will lower the vacuum pressure.