

GOVERNOR ADJUSTMENT

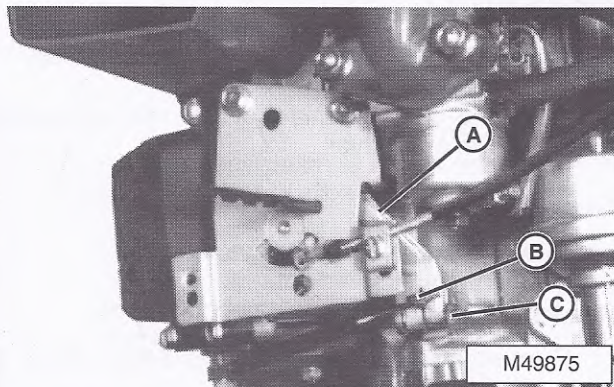
Reason:

To ensure proper operation of the governor.

Procedure:

NOTE: Adjust throttle cable and choke plate before adjusting governor linkage.

1. Adjust throttle cable and choke plate.
2. Move throttle control lever to FAST idle position.



3. Loosen nut (C).
4. Hold governor arm (A) fully counterclockwise.
5. Using a small pin, rotate shaft (B) counterclockwise as far as it will go.
6. Tighten nut to **7.8 N•m (69 lb-in.)**.
7. Move throttle control lever through full range to be sure linkage is not binding.

FAST IDLE SPEED ADJUSTMENT

Reason:

To set engine fast idle speed.

Equipment:

- 6 mm (15/64 in.) Drill Bit
- JDM71 Vibration Tachometer

Procedure:

1. Park machine on level surface.
2. Turn key switch OFF.
3. Move forward/reverse pedals to NEUTRAL position.

4. Engage parking brake.
5. Remove hood. (See procedure in MISCELLANEOUS section.)
6. Remove muffler heat shield.
7. Start and run engine at MEDIUM idle for five minutes.
8. Set JDM71 Vibration Tachometer dial for 3400 rpm and set on cooling air duct.

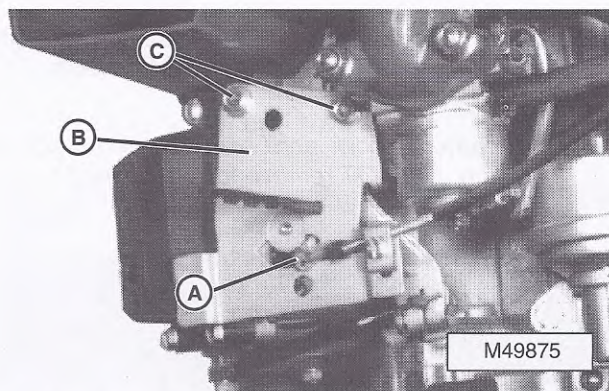
C

CAUTION

Engine will be HOT. Be careful not to burn hands.



9. Move throttle control lever to FAST idle position..



10. Align hole in throttle arm (A) with hole in throttle control panel (B). Put a 6 mm (15/64-in.) drill bit through holes to keep throttle arm from moving. Be sure drill bit is perpendicular to the throttle control panel.
11. Check engine rpm at Vibration Tachometer. Fast idle speed setting should be **3400 ± 75 rpm**.

Results:

- If fast idle speed does not meet the specifications:
 - Loosen cap screws (C).
 - Move throttle control panel (B) away from carburetor to increase rpm or toward carburetor to decrease rpm.
 - Hold throttle control panel and tighten cap screws.
 - Remove drill bit.