

IDLE SPEED

Inspect initially after 20 hours (1 month) and every 200 hours (12 months) thereafter.

NOTE:

- Before checking idle speed, the engine should be allowed to warm up.
- Check and / or adjust idle speed after engine speed has stabilized.

- (1) Remove bolt and No.1 ignition coil.
- (2) Connect special tool (H · T cord with plug cap adapter) between No.1 ignition coil and spark plug.

 **09930-88720 : H · T cord with plug cap adapter**

- (3) Start engine.
- (4) Attach engine tachometer to the special tool.

 **09900-26006 : Engine tachometer**

- (5) Check engine speed.
Idle speed (in neutral gear) : 800 – 900 r / min

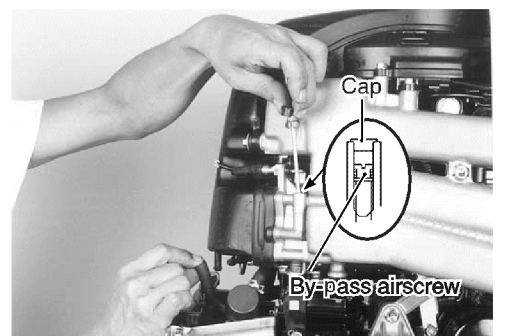
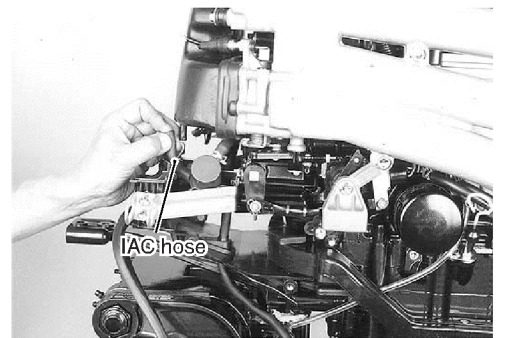
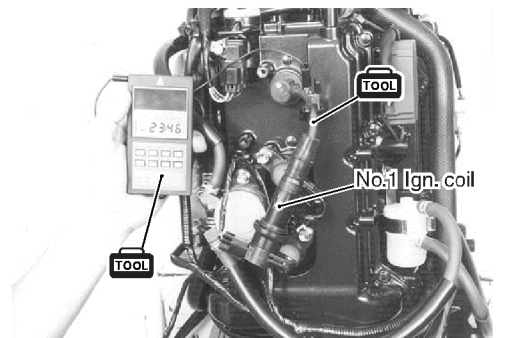
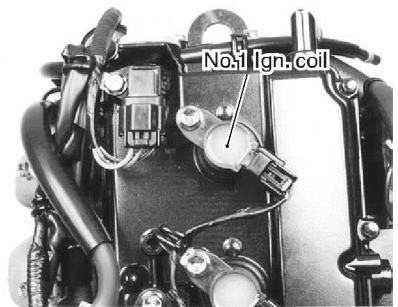
ADJUSTMENT :

If the idle speed is out of specification, adjust it as follows :

- (6) Remove IAC hose from silencer case.
- (7) To stop the air flow from the IAC passage, pinch the IAC valve hose closed.
- (8) Adjust the engine speed to approx. 800 r / min. by turning the by-pass air screw.

Turning air screw clockwise :
Engine speed will decrease.

Turning air screw counterclockwise :
Engine speed will increase.



2-15 PERIODIC MAINTENANCE

- (9) Release pinch, allowing air to the IAC valve, and recheck if engine speed is stable at 800 – 900 r / min.

NOTE:

The idling / trolling speed of 800 – 900 r / min. is controlled by the IAC (idle air control) system.

If the engine speed does not return to specification, the IAC passage (including the IAC hose and silencer) may be clogged or the IAC system may not operating correctly.

See the "IDLE AIR CONTROL SYSTEM" section, 3-20.

NOTE:

Trolling speed (in-gear idle speed) is the same as idle speed.

- (10) Reinstall parts removed earlier.

IGNITION TIMING

Inspect every 200 hours (12 months)

NOTE:

Before checking the ignition timing, make sure idle speed is adjusted within the specification.

- (1) Start the engine.
- (2) Attach the timing light cord to the No.1 ignition coil primary wire .

 **09930-76420 : Timing light**

- (3) Check the ignition timing while operating the engine at 1000 r / min.

Ignition timing : Approx. BTDC 7° at 1000 r / min.

