

IGNITION TIMING

NOTE:

Read the instructions for timing light operation.

Start the engine and warm it up to operating temperature.

Stop the engine and remove the timing hole cap.

Connect the timing light to the spark plug wire.

Start the engine, let it idle and check the ignition timing.

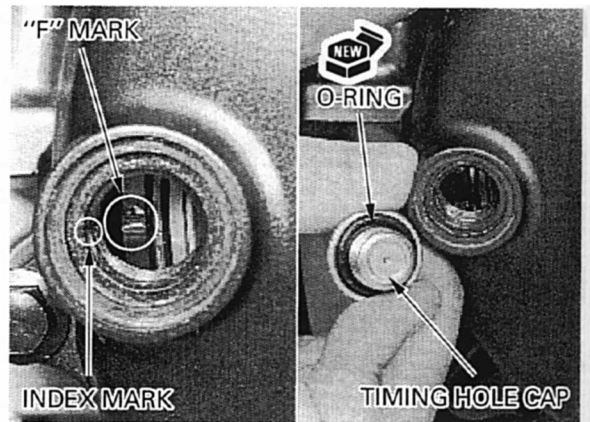
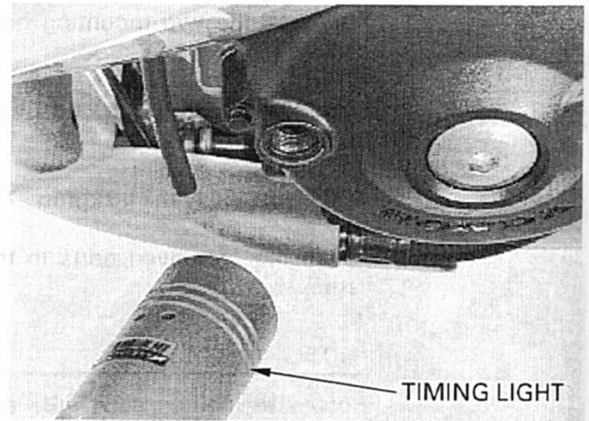
The ignition timing is correct if the "F" mark on the flywheel aligns with the index mark on the left crankcase cover at idle.

Coat a new O-ring with grease and install it onto the timing hole cap.

Apply grease the timing hole cap threads.

Install and tighten the timing hole cap.

TORQUE: 10 N·m (1.0 kgf·m, 7 lbf·ft)



THROTTLE SENSOR

Remove the fuel tank without disconnecting the fuel and vacuum tubes from the fuel valve (page 2-4).

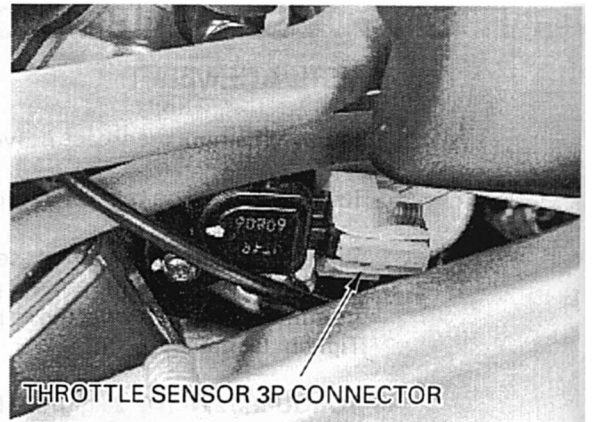
OPERATION INSPECTION

Disconnect the throttle sensor 3P connector.

Start the engine.

Connect the throttle sensor connector when the engine speed is $3,500 \text{ min}^{-1}$ (rpm) or above (throttle angle is $4-12^\circ$).

The engine speed should increase.



SYSTEM INSPECTION

Disconnect the ignition control module (ICM) connector (17-5).

Measure the resistance between the yellow/black and green/black wire terminals of the wire harness side connector.

STANDARD: $4-6 \text{ k}\Omega$ ($68^\circ\text{F}/20^\circ\text{C}$)

