

Ignition Timing

Warm up the engine.

Stop the engine and connect a timing light to the No.1 cylinder spark plug wire.

NOTE

- Read the instructions for timing light for operating.

Remove the left crankcase cover.

⚠ WARNING

- If the engine must be running to do some work, make sure the area is well ventilated. Never run the engine in an enclosed area. The exhaust contains poisonous carbon monoxide gas that may cause loss of consciousness and lead to death.

Start the engine and allow it to idle.

Inspect the ignition timing.

The timing is correct if the "F" mark aligns with the index mark on the crankcase at idle speed.

Idle Speed: Except SW type: $1,200 \pm 100$ rpm

SW type: $1,200 \pm 50$ rpm

Increase the engine speed, make sure the "F" mark begins to move counterclockwise at approximately $1,500 \text{ min}^{-1}(\text{rpm})$.

