

7. Mount the spark advancer shaft and install the spark advancer.

Note: Pin on the back side of the advancer must fit into the crankshaft pin hole. (Fig. 3-87)

8. Mount the contact breaker assembly plate, special washer and tighten the 6 mm nuts.
9. Install the starting motor reduction gear, and the starting clutch gear.
10. Install the AC generator with the mounting bolt and torque to 72.3ft-lbs (10kg-m).
11. Install the cylinder and cylinder head in accordance with page 36-38.

3-7 PRIMARY DRIVE

a. Description

The power is transmitted from the crankshaft to the primary driven sprocket through the two single row chains and further transmitted to the transmission through the clutch.

The crankshaft speed is reduced to the ratio of 1.708 between crankshaft sprocket and primary driven sprocket.

The primary tensioner is incorporated to reduce chain vibration.

b. Disassembly

1. Remove the cylinder head, cylinder in accordance with section 3-3 b on page 32~35.
2. Remove the piston in accordance with section 3-5 b on page 43.
3. Remove the crankcase in accordance with section 3-6 b on page 46~47.
4. Raise the transmission mainshaft and remove the primary driven sprocket from the mainshaft and then remove the primary chain from the primary driven sprocket. (Fig. 3-88)
5. Raise the crankshaft and remove the primary drive chain from the crankshaft.
6. Remove the primary chain tensioner from the lower crankcase. (Fig. 3-89)

c. Inspection

1. Checking the primary drive chain

The check of the primary drive chain stretch can be made without disassembling the engine.

 - a. Remove the drain plug and drain the oil from the crankcase.

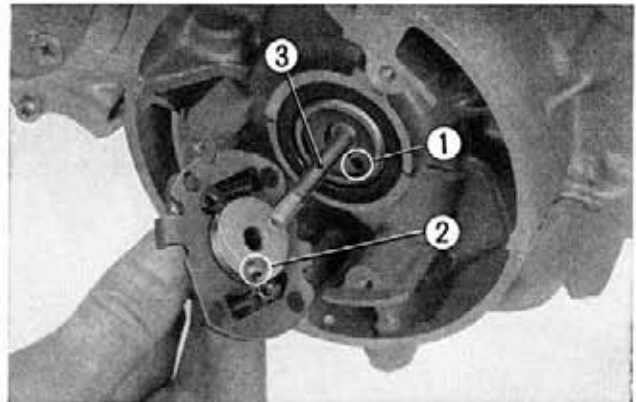


Fig. 3-87 ① Pin hole ③ Spark advancer shaft
② Spark advancer pin

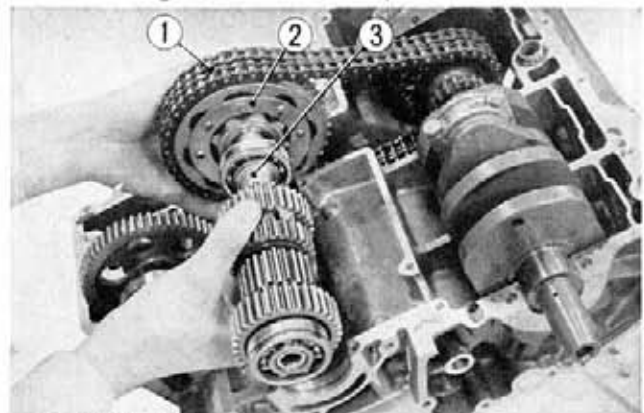


Fig. 3-88 ① Primary chain
② Primary sprocket
③ Transmission mainshaft

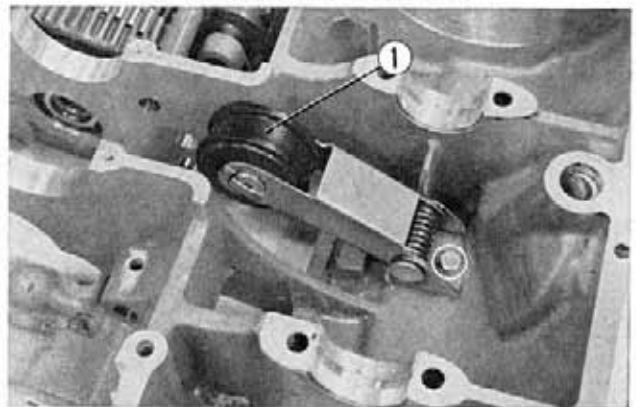


Fig. 3-89 ① Primary chain tensioner

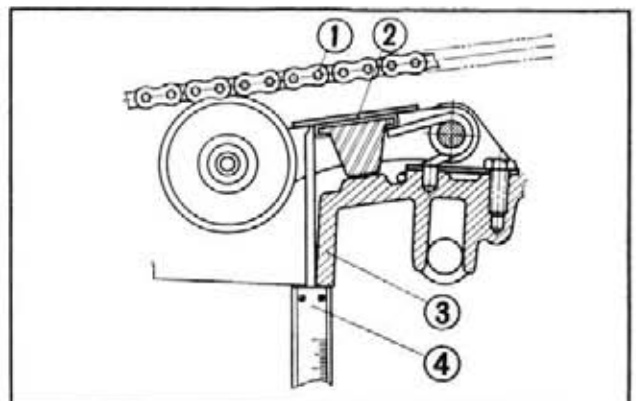


Fig. 3-90 ① Primary chain ③ Lower crankcase
② Primary sprocket ④ Vernier caliper