

Fig. 43 ① Dowel pins ② Cam chain tensioner
③ Cam chain guide

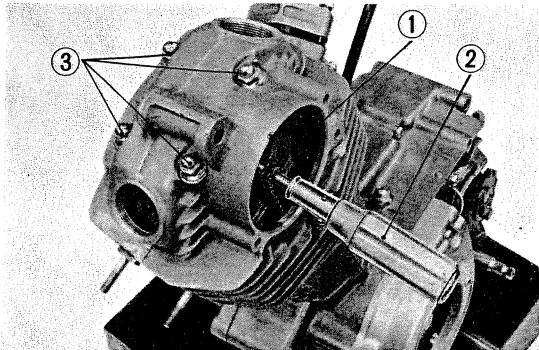


Fig. 44 ① Cam chain ② Screwdriver ③ 8mm cap nuts

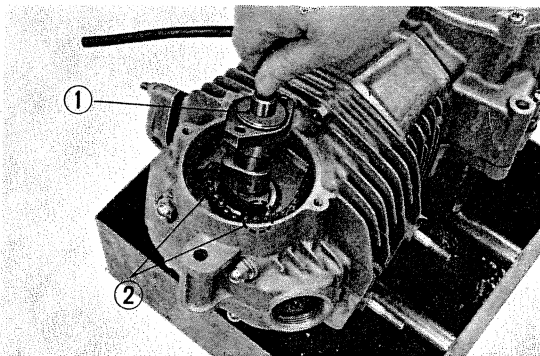


Fig. 45 Camshaft installation
① Camshaft ② Cam lobe

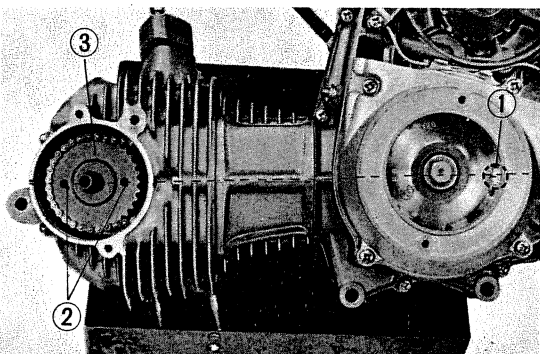


Fig. 46 Valve timing procedure
① "T" mark ② Mounting holes ③ Cam sprocket

- 4) Reinstall the chain guide. (Fig. 43)
- 5) Reinstall the three dowel pins and O ring. (Fig. 43)

- 6) Assemble cam sprocket on the cam chain and then install the sub assembly on the cylinder head together with the cam chain tensioner.
- 7) Use a screwdriver to support the cam sprocket and then install the 8 mm cap nuts. (Fig. 44)
Torque to **0.8–1.2 kg-m (5.8–8.7 ft. lbs)**.

- 8) Disassemble the cam chain from the cam sprocket and then reinstall the camshaft. (Fig. 45)

Note:

Align cam lobe to the cutout on the cylinder head and then install the camshaft. Rotate the camshaft one revolution to bring it to the top-dead-center position. This is determined by the cam sprocket mounting holes being perpendicular to the crankshaft.

- 9) Reinstall the cam sprocket.
Install the cam sprocket after completing the valve timing. (Fig. 46)
(Valve timing procedure)
 - a. Align the "T" mark on the crankshaft to the top-dead-center position.
 - b. Make the chain taut and install the cam sprocket with the mounting holes at the top.
 - c. Mount the sprocket with the two bolts.