

Fig. 3-18 ① "O" ring

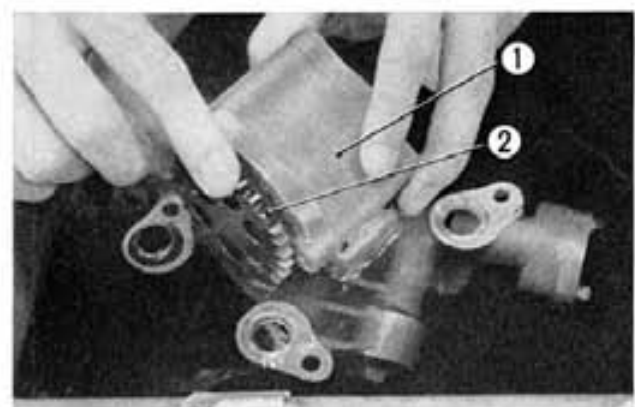


Fig. 3-19 ① Oil pump assembly  
② Oil pump drive gear

**Note:** Do not forget to install the O-ring on the side cover. (Fig. 3-18)

5. After completing the assembly of the rotor, turn the shaft by hand to assure that it is turning smoothly.

6. Immerse the pump in oil and turn the pump until filled with oil before reinstalling the pump on the crankcase. (Fig. 3-19)

7. When reinstalling the oil pump on the crankcase, do not forget to install the oil guide pins (3 each) and the O-ring (3 each).

8. Changing oil and filter element procedures should be referred to group 19 on page 178.

### 3-3 CAMSHAFT DRIVE

#### a. Description

The camshaft is supported at the four points by two aluminum alloy camshaft holders and driven by an endless chain off the timing sprocket located at the center of the crankshaft.

The cam chain is guided by an adjustable cam chain tensioner, a guide roller and a cam chain guide. (Fig. 3-20)

#### b. Disassembly

1. Unscrew the three 6 mm cross screws and remove the breather cover. (Fig. 3-21)
2. Loosen the 6 mm cross screws and remove the cylinder head cover. (Fig. 3-22)

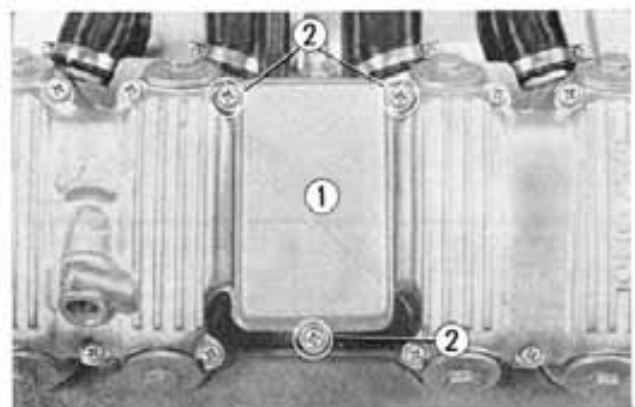


Fig. 3-21 ① Breather cover  
② Cross screws

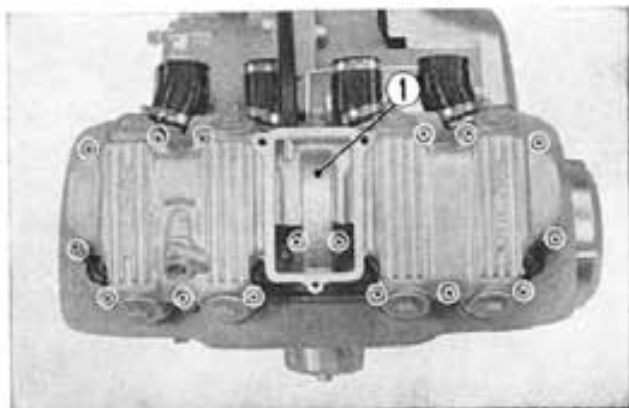


Fig. 3-22 ① Cylinder head cover