

#### 4. Measuring the leak stopper valve clearance

Measure the body inside diameter and the leak stopper valve outside diameter using a dial gauge or a micrometer and if the clearance is calculated to be greater than **0.0067 in. (0.17 mm)**, the leak stopper valve or body whichever is worn beyond serviceable limit should be replaced.

#### 5. Measuring the relief valve clearance

Measure the body inside diameter and the relief valve diameter using a dial gauge or a micrometer and if the clearance is greater than **0.0039 in. (0.1 mm)**, the body or the valve whichever is beyond serviceable limit should be replaced.

#### 6. Measuring the rotor thickness and the body clearance

Measure the rotor thickness with a micrometer and the depth using the depth micrometer and if the clearance is greater than **0.0047 in. (0.12 mm)**, the parts should be repaired or replaced.

#### 7. Cleaning oil strainer

Wash the oil strainer in clean solvent. Be sure to replace the oil strainer with a new one if damaged. (Fig. 3-16)

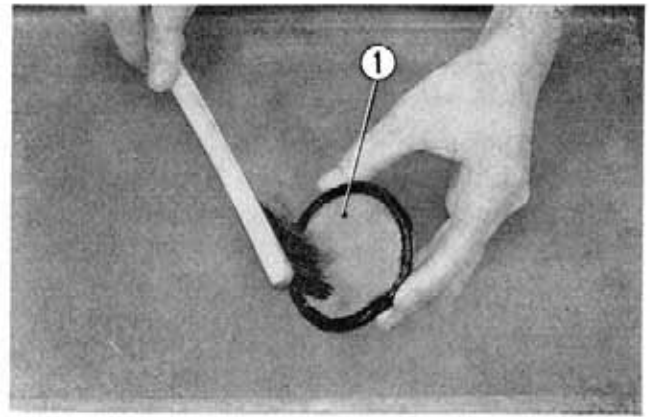


Fig. 3-16 Oil strainer

### d. Reassembly

1. Assemble the oil pump component parts in accordance with Fig. 3-17. Assemble the relief valve, relief valve spring and screw the relief spring cap securely.
2. Assemble the oil leak stopper valve, spring, O ring and oil leak stopper cap, and then tighten the two bolts.
3. Mount the inner and outer rotors B into the oil pump body, and insert the oil pump drive gear. Do not forget to install the rotor dowel pin.
4. Mount the inner and outer rotors A into the pump body.