

19. Remove the piston pin clips and piston pin and remove each piston.

**NOTE:**

When removing the piston pin clips, place a rag over the crankcase to prevent the clips from dropping into the crankcase.

20. Remove the piston rings taking care not to damage the piston.

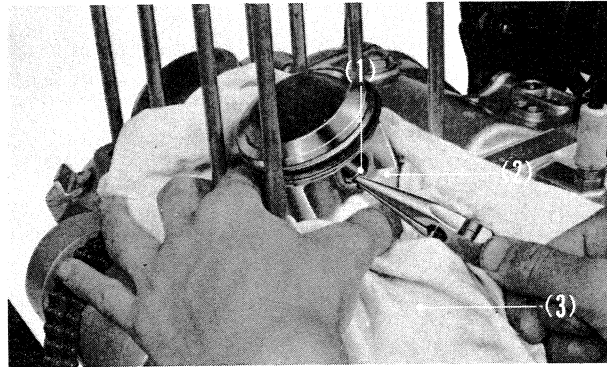


Fig. 4-21 (1) Piston pin clip  
(2) Piston  
(3) Rag

21. Remove the valves.

Compress the valve springs using the valve spring compressor (Tool No. 07957-3290000) and remove the valve cotters, springs and valve in this order.

**CAUTION:**

Compress the valve springs with care attention paid not to damage the valve stem seal.

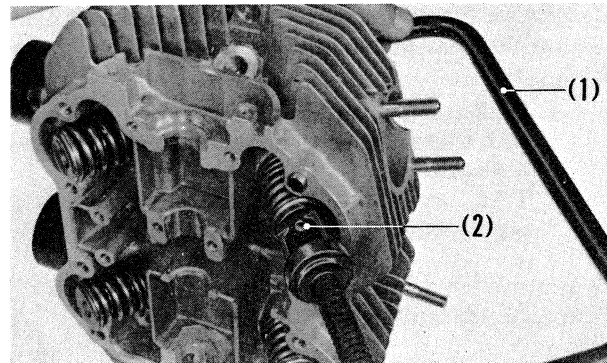


Fig. 4-22 (1) Valve spring compressor  
(2) Valve cotters

22. Remove the stem seal and pull out the valve guide using the valve guide driver (Tool No. 07942-6110000)

**CAUTION:**

Do not remove the valve guide except when replacing it, as a rule.

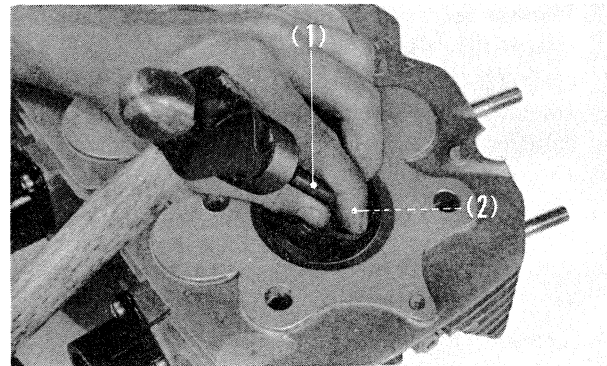


Fig. 4-23 (1) Valve guide remover  
(2) Valve guide

**Inspection**

Refer to service data on page 112.

1. Check the rocker arm-to-shaft clearance.
2. Check the camshaft journals for wear or damage.
3. Check the cam height for wear.

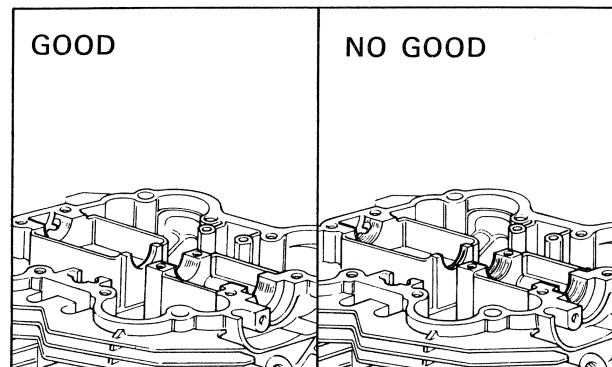


Fig. 4-24 Checking the surface of the camshaft journal