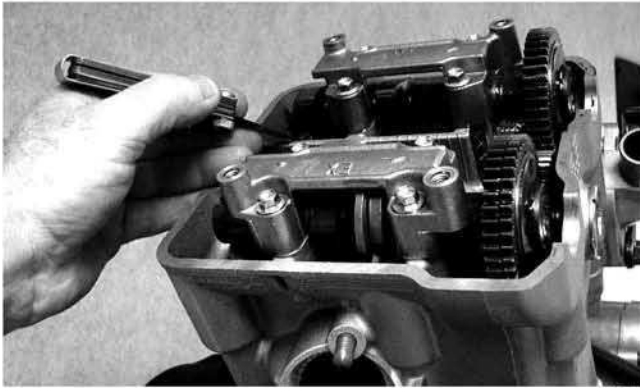


4. Using an appropriate thickness gauge, measure and record the clearance of both intake valves; then measure and record the clearance of both exhaust valves. Valve clearance must be within specifications.

VALVE/TAPPET CLEARANCE (700 EFI)	
Intake	0.10-0.20 mm (0.004-0.008 in.)
Exhaust	0.20-0.30 mm (0.008-0.012 in.)



F1046

AT THIS POINT

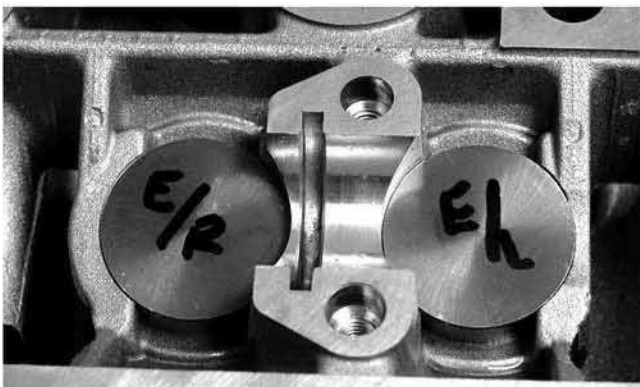
If valve clearance is within specifications, proceed to step 12.

5. Identify the valves that are not within specifications; then remove the corresponding camshaft (see Section 3 - Removing Top-Side Components).

CAUTION

When removing camshaft holders, use extreme care not to drop alignment pins into the engine.

6. Mark the valve tappets in order to return them to the proper position during assembly.

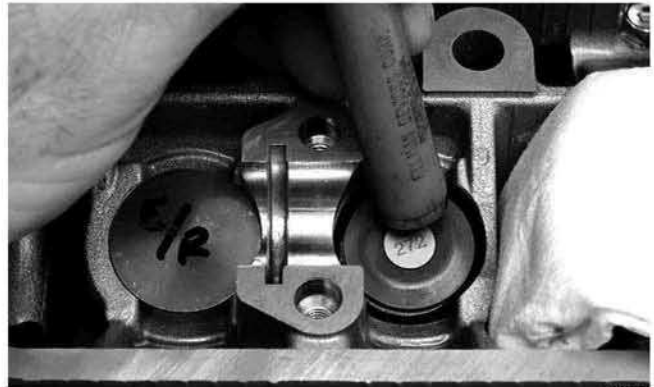


F1054

7. Fold a suitable towel and use it to plug the camshaft drive passageway; then using a magnet, remove the tappet and shim from the appropriate valve.



F1055



F1056

CAUTION

If the camshaft passageway is not plugged, tappet shims could fall into the engine crankcase.

8. Note the three digit number on the surface of the tappet shim; then refer to the appropriate tappet shim selection table at the end of this section for the correct replacement.



F1051

- A. Measured tappet clearance from step 4 in vertical column on left.
- B. Present shim size horizontal row at the top.
- C. Match measured clearance in vertical column with current shim size in horizontal row to find recommended replacement size.

9. Apply engine oil to both surfaces of the tappet shim; then place the shim on the valve with the numbers toward the tappet.