Valve And Seat Service
Chapter 27

ACROSS

4 A _____ _____ holds the valve against the seat.
5 The portion of the valve that seals against the _____ _____ in the cylinder head is called the valve face.
10 An _____ _____ fits into a machined recess in the steel or aluminum cylinder head.
12 An alloy of nickel, chromium, and tungsten, _____ is nonmagnetic.
13 Another name for valve keepers are _____.
14 _____ _____ is the tendency of a valve spring to vibrate.
15 _____ _____ occurs when the valve continues to stay open after the camshaft lobe has moved from under the lifter.

DOWN

1 _____ _____ _____ have uneven spacing between the coils.
2 _____ _____ locate themselves in the least worn section of the guide.
3 _____ _____ simply take the pressure off the valve to allow engine vibration to rotate the valve.
6 The valve keepers secure the spring _____ _____ to the stem of the valve.
7 The valve is held in place and is positioned in the head by the _____ _____.
8 One type of _____ _____ uses small steel balls and slight ramps.
9 Automotive engine valves are of a _____ _____ design.
11 Rapid increase in temperature will give a _____ _____ to the valve.