

### **V-Rod Cooling System Issues**

There have been reports from the field of rubber cooling system hoses collapsing when the engine cools down. This issue has been traced to size variation in the filler neck area of the Coolant Pipe PN26768-01 restricting the operation of the vacuum valve function of the coolant Pressure Cap PN 26733-01.

To diagnose the condition, measure the small I.D. of the filler neck. It should measure between .705" and .725". If the I.D. is smaller than .705", plug the pipe with a suitable size piece of shop rag or other material to trap metal filings. Use a grinding burr or other suitable cutter to enlarge the opening to the correct size. Remove all grinding residue, then top off coolant as specified in the Service Manual. This will allow the vacuum valve to open, drawing coolant from the reservoir back into the cooling system without collapsing any hoses.

There have also been reports of cracked or pinched coolant pickup tubes in the coolant reservoir bottle. This may result in the coolant level rising above the full mark on the coolant reservoir or coolant blowing out of the overflow tube. If the pickup tube is restricted or allowing air to enter the system, the cooling system will not pull fluid from the reservoir when the engine cools down.

The reservoir Cap and Hose assembly is available separately under PN 61813-01. We recommend checking the condition of the reservoir cap and hose at PDI and whenever the vehicle is in for service.