

Leaking Valve Cover Seal

There have been reports of repeat valve cover leakage on CV940-CV1000 engines. Please proceed as described below to address such a condition.

NOTE: CV940-CV1000 engines use a unique valve cover seal material (62 032 20-S) as well as a higher valve cover screw torque of 120 in. lb. (13.6 N·m). The CV940-CV1000 valve cover seal 62 032 20-S has been made the service part for both vertical and horizontal engines, and the higher torque has been found to be acceptable for both valve cover seal materials.

When a valve cover leak is reported, the following steps are recommended:

1. Ensure the valve cover is not cracked.
2. Ensure the plastic dowel pins on the valve cover are not binding or bottoming out in the cylinder head. To verify, see that the valve cover fully seats against the cylinder head surface without the gasket in place. If not, modify the pin lengths and diameter as required to correct.
3. Install the valve cover using a new valve cover seal 62 032 20-S and a new valve cover screw grommet 62 313 07-S.
4. Inspect the internal threaded cup plug on the cylinder head, for proper sealing and tightness. Seal and tighten if leakage is suspected.
5. Torque the valve cover screw to 120 in. lb. (13.6 N·m).

Normal warranty terms apply. Labor time is 0.5 hour.

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