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## **2004/2005 V-Rod Leak Detection Process**

Various process and component changes have been made to reduce the possibility of oil seepage complaints on 2004/2005 V-Rods. Prior to January 1, 2005 every engine had dye added to the oil after assembly and was pressurized to identify any leaks. In addition, the 2004/2005 alternator cover has a round stator plug (TC88 style) that eliminates the need for sealant.

Be aware that many cam cover leaks have been misdiagnosed. The actual source of the leak may be the breather hose connections or loose cover fasteners. If you encounter a 2004/2005 V-Rod with an oil leak at the cam cover or alternator cover area, **please contact Technical Service before any disassembly.**

V-Rod engines require the following steps when diagnosing an oil leak:

- Dye the oil [if past first service] and use a black light to verify the leak source.
- Check all fasteners in the leak area for correct torque.
- Check the breather hose (front and rear) to verify that the oil is not leaking from above.
- Always remember to use H-D 99650-02 sealant as described in the service manual.