

**Meets ASE Task:** (A8-E-3) P-2 Diagnose oil leaks, emissions, and drivability concerns caused by the positive crankcase ventilation (PCV) system; determine needed action.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**PCV System Diagnosis**

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**1.** Check service information for the

recommended procedures to follow when

diagnosing the PCV system.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

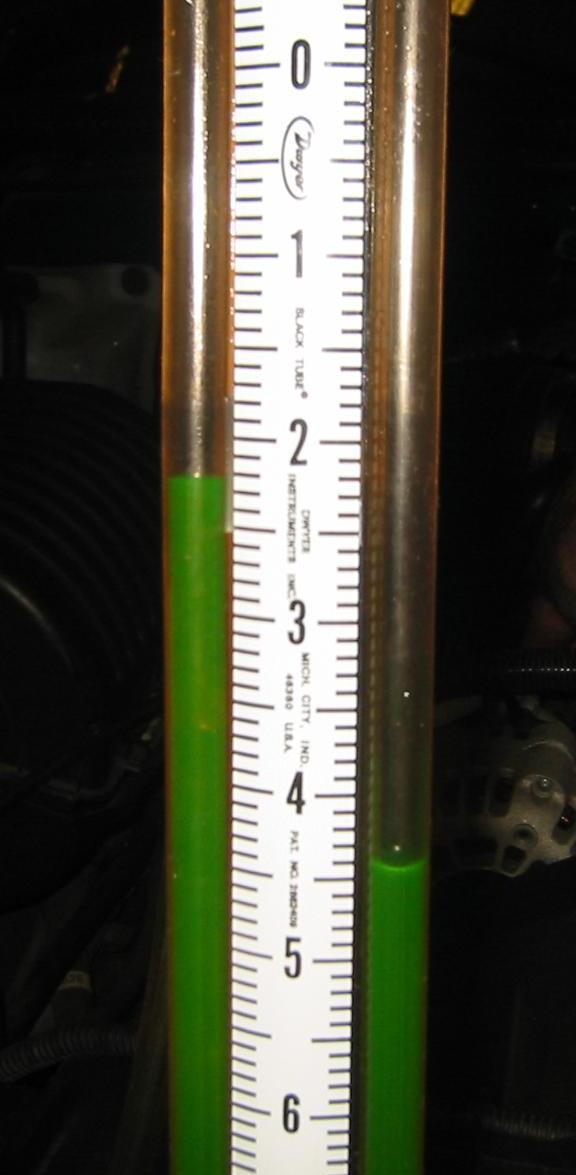
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**2.** Start the engine and allow it to idle and remove the oil fill cap.

**3.** Place a piece of paper or a 3" x 5" card over the filler. (The PCV system is

functioning correctly if the paper is held down tight onto the filler by vacuum in the

crankcase).



**4.** Seal off the oil fill opening and measure the crankcase

vacuum at the dipstick tube = \_\_\_\_\_\_\_\_ (should be about 0.5

in. Hg. or 7 in. or more of water if using a water manometer).

**OK**  **NOT OK**

**5.** Based on the test results, what is the needed action?

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