

# PCV System Diagnosis

**Meets NATEF Task:** (A8-E-1) Diagnose oil leaks, emissions, and driveability concerns caused by the positive crankcase ventilation (PCV) system; determine necessary action. (P-2)

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

- \_\_\_\_\_ 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 necessary action?

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