

**► TASK** Perform engine absolute manifold pressure tests (vacuum/boost); determine needed action.

**MAST**  
8A5

Time off \_\_\_\_\_

Time on \_\_\_\_\_

Total time \_\_\_\_\_

**CDX Tasksheet Number: C392**

**1. Find an appropriate vacuum hose to connect into.**

**NOTE** Make sure the vacuum hose is connected to the intake manifold vacuum and you are not disconnecting anything that will affect the operation of the engine. If possible, the use of a vacuum tee will allow you to take the reading while allowing the vacuum to get to its intended device.

**2. Running Vacuum Test**

**a. Describe the purpose of this test, the components or functions the test checks, and what the results might indicate:**

**b. Start the engine, allow it to idle, and note the vacuum reading:**

**i. Is the vacuum gauge needle relatively steady? Yes:** \_\_\_\_\_  
**No:** \_\_\_\_\_

**c. Carefully raise the engine rpm to 2000 rpm and note the vacuum reading:** \_\_\_\_\_

**i. Is the vacuum gauge needle relatively steady? Yes:** \_\_\_\_\_  
**No:** \_\_\_\_\_

**ii. The vacuum reading should be higher at 2000 rpm than at idle. Is it? Yes:** \_\_\_\_\_ **No:** \_\_\_\_\_

**d. Determine any necessary action(s):**

**3. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.**

**Performance Rating**

**CDX Tasksheet Number: C392**

0

1

2

3

4

Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_