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

**Meets ASE Task: (**A1-D-3) P-1 Perform cooling system pressure and dye tests to identify leaks; check coolant condition and level; inspect and test radiator, pressure cap, coolant recovery tank, heater core, gallery plugs; determine needed action.

**Cooling System Inspection**

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

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

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

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

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

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**1.** Inspect the radiator for exterior leaks or clogged areas due to bugs, etc. Clean as

required.

**OK  NOT OK**

**2.** Pressure test the cooling system. The entire system should hold about 15 psi for 5

minutes unless there is a leak.

**OK  NOT OK  Location of Leak\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3**. Pressure test the radiator cap. Pressure cap specification = \_\_\_\_\_

The cap holds \_\_\_\_\_ psi.

**OK  NOT OK**

**4.** Check the freezing point of the coolant using a hydrometer = \_\_\_\_\_\_\_\_\_\_

[should be -34° F (-37° C) or lower].



**OK  NOT OK**

**5.** Check the boiling point of the coolant using a hydrometer = \_\_\_\_\_\_\_\_\_\_.

**OK  NOT OK**

**6.** What was the needed action? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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