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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