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

**Meets ASE Task:** (A1-D-1) P-1 Identify lubrication and cooling system components and configurations.

**Engine Cooling System Identification**

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

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

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

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

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

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Check service information to determine the following information.

**[ ]  1.** Locate the engine coolant temperature sensor (ECT) and describe its location:

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

**[ ]  2.** Locate the engine cooling system bleeder valve(s), if equipped, and describe its

 location:

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

**[ ]  3.** The recommended coolant for this engine is:

 **[ ]** Inorganic additive technology (IAT) (green color)

 **[ ]** Dex-Cool™ (orange color)

 **[ ]** OAT (organic acid technology) (orange color)

 **[ ]** HOAT (hybrid organic acid technology) (green, yellow, blue, or orange)

 **[ ]** other (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**[ ]  4.** The engine uses:

 **[ ]** Conventional coolant flow (from the radiator to the block, to the head(s),

and then back to the radiator)

 **[ ]** Reverse flow (from the radiator to the cylinder head(s), to the block, and

then back to the radiator)

 **[ ]** Other (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**[ ]  5.** The thermostat rating is \_\_\_\_\_\_\_\_\_\_\_\_\_ degrees F ( \_\_\_\_\_\_\_\_\_ degrees C)

**[ ]  6.** The thermostat is located:

 **[ ]** at the inlet side of water pump **[ ]** at the outlet side of water pump