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:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Page 50

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