[ ]  1. Check service information for the specified cooling system tests and specifications.

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

Meets ASE Task: A1 – A-3 – P-1

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

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

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

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

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

**Cooling System Tests**

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

[ ]  2. Pressure test the cooling system using a hand-operated pressure tester as per the tester manufacturer’s instructions. Results:

 \_\_\_\_\_\_ OK – pressure held

 \_\_\_\_\_\_ NOT OK – pressure dropped

 Describe the fault found: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  3. Pressure test the pressure cap using a hand-operated pressure tester.

 \_\_\_\_\_\_ OK – pressure held

 \_\_\_\_\_\_ NOT OK

 [ ]  4. Check the cooling system for presence of combustion gases. Check the procedure used.

 \_\_\_\_\_\_ Exhaust gas analyzer checking for HC emissions

 \_\_\_\_\_\_ Coated paper that changes color

 \_\_\_\_\_\_ Liquid tester that changes color

 \_\_\_\_\_\_ Other (describe) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 [ ]  5. Results of combustion gas test:

 \_\_\_\_\_\_ Negative (no combustion gases discovered in coolant)

 \_\_\_\_\_\_ Positive (combustion gas discovered in coolant)

[ ]  6. Check temperature of cooling system using an infrared pyrometer or other suitable temperature measuring instrument.

 [ ]  7. Based on the cooling system tests, what is the necessary action? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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