

Engine Cooling System Inspection

Meets NATEF Task: (A1-D-3, A8-A-15) Perform cooling system pressure tests; check coolant condition; inspect and test radiator, pressure cap, coolant recovery tank, and hoses. (P-1s)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Inspect the radiator for exterior leaks or clogged areas due to bugs, dirt, or debris, and 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. The cap holds _____ psi.

OK _____ NOT OK _____

_____ 4. Check the freezing point of the coolant using an hydrometer = _____ [should be -34° F (-37° C) or lower].

OK _____ NOT OK _____

_____ 5. Check the boiling point of the coolant using an hydrometer = _____.

OK _____ NOT OK _____

