

Engine Cooling System Identification

Meets ASE Task: (A1-A-3) P-1 Research applicable vehicle and service information, vehicle service history, service precautions, and technical service bulletins.

Name _____ Date _____ Time on Task _____

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

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 (hydrid 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