

Verify Engine Operating Temperature

Meets NATEF Task: (A8-A-6) Verify engine operating temperature; determine necessary action. (P-1)

Name _____ Date _____ Time on Task _____

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

_____ 1. Check service information for specified engine operating temperature, which is generally between the thermostat temperature rating and 20°F above the thermostat temperature.

Thermostat temperature = _____
 Normal coolant temperature range = _____

Thermostat Temperature	Normal Operating Temperature
180°F (82°C)	Between 180° and 200°F (82° and 93°C)
195°F (91°C)	Between 195° and 215°F (91° and 102°C)

_____ 2. Determine the operating temperature of the engine by as many methods as possible including:

- Dash temperature gauge = _____
- Scan tool (ECT) = _____
- Infrared pyrometer = _____
- Other (specify) _____



_____ 3. Based on the result of the engine operating temperature measurements, what is the necessary action?
