

Alternator Identification

Meets NATEF Task: (A6-A-3) Research applicable vehicle and service information, such as electrical/electronic system operation, etc. (P-1)

Name _____ Date _____ Time on Task _____

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

- _____ 1. Locate the alternator and describe the location. _____

- _____ 2. Check service information and determine the maximum amperage output and charging system voltage.
 - Amperage rating (usually ranges from 60 A to 160 A) _____
 - Charging system voltage (usually within 13.5 to 15.0 volts) _____

- _____ 3. Locate the alternator and identify which wire(s) supply electrical power to the vehicle electrical system and battery.
 - Color of power lead wire(s) _____
 - Wire gauge of the power lead wire(s) _____

- _____ 4. What type of electrical protection is included in the alternator output circuit?
 - _____ Fusible link (describe location) _____
 - _____ Maximum fuse (rating = _____)
 - _____ Describe location _____
 - _____ Unknown

