

Alternator Identification

Meets ASE Task: A6-A-1) P-1 Research vehicle service information including vehicle service history, service precautions, and technical service bulletins.

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

