

Alternator Identification

Meets ASE Task: (A6-A-2) P-1 Identify electrical/electronic system components and configurations.

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 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) _____
- Maxi fuse (rating = _____)
- Describe location _____
- Unknown

