

# 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

