

# Inspect and Test Electrical Components

Meets NATEF Task: (A2-B-3) Inspect, test, and replace electrical/electronic components. (P-1)

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Check service information for the specified procedures to follow for inspecting and testing electrical/electronic components on automatic transmissions/transaxles.

Summarize the specified procedure. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_ 2. What tools are specified to be used to test electrical/electronic automatic transmissions/transaxles components? Check all that are specified in service information.

- |  |  |
|--|--|
| <input type="checkbox"/> Test light        | <input type="checkbox"/> Special tester (describe) |
| <input type="checkbox"/> Fused jumper lead | _____  |
| <input type="checkbox"/> DMM               | _____  |
| <input type="checkbox"/> Scope             | _____  |
| <input type="checkbox"/> Scan tool         | _____  |

\_\_\_\_\_ 3. What tests are specified to test electrical/electronic components? Check all that apply.

- |  |   |
|--|---|
| <input type="checkbox"/> Voltage drop      | <input type="checkbox"/> Scope waveform         |
| <input type="checkbox"/> Voltage           | <input type="checkbox"/> Hertz (frequency)      |
| <input type="checkbox"/> Resistance        | <input type="checkbox"/> Pulse-width (ms)       |
| <input type="checkbox"/> Current (amperes) | <input type="checkbox"/> Other (describe) _____ |