

# Blower Motor Current Draw

**Meets NATEF Task:** (A6-H-1) Diagnose operation of motor-driven accessory; determine necessary action. (P-2)

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

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

\_\_\_\_\_ 1. Locate the blower motor wire connection.

\_\_\_\_\_ 2. Locate the power lead to the blower motor.

\_\_\_\_\_ wire color of power lead

\_\_\_\_\_ 3. Locate the ground lead to the blower motor.

\_\_\_\_\_ motor is case grounded  
 (no separate ground wire)

\_\_\_\_\_ wire color of ground lead



\_\_\_\_\_ 4. Clamp the clamp-on digital multimeter to either the power lead or the ground lead.

\_\_\_\_\_ 5. Select DC amperes on the low scale (usually 40A scale).

\_\_\_\_\_ 6. Have an assistant turn the blower motor to the high position and observe the meter display.

\_\_\_\_\_ ampere draw of blower motor

**OK** \_\_\_\_\_ **NOT OK** \_\_\_\_\_

(should be less than 20A)

\_\_\_\_\_ 7. Based on the test results, what is the necessary action? \_\_\_\_\_

\_\_\_\_\_