

# Spark Plug Wires

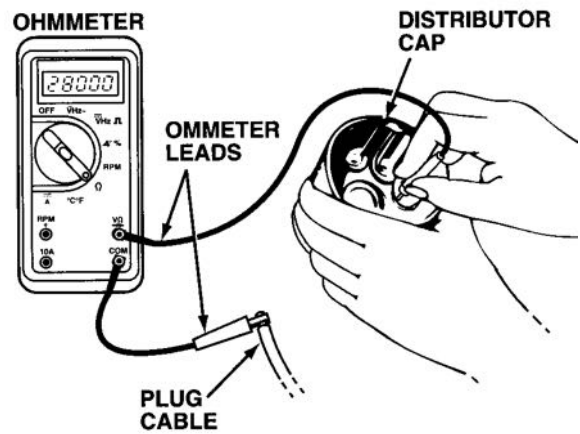
**Meets NATEF Task:** (A8-C-2) Inspect and test ignition primary and secondary circuit wiring and solid state components; test ignition coil(s); perform necessary action. (P-1)

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

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

- \_\_\_\_\_ 1. Check service information to determine the specified spark plug wire resistance specification.  
 \_\_\_\_\_
- \_\_\_\_\_ 2. Set the digital multimeter to read ohms ( $\Omega$ ). (200 k if normal range meter)
- \_\_\_\_\_ 3. Carefully disconnect both ends of a spark plug wire (there is no need to remove the wire if both ends can be reached).
- \_\_\_\_\_ 4. List the length in feet and the resistance values in ohms for each spark plug wire according to the cylinder number:

	Length (feet)	Ohms
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____



Coil wire (if equipped): \_\_\_\_\_

- \_\_\_\_\_ 5. Results - Usually 10,000 ohms (10 k $\Omega$ ) or *less* per foot of length.

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