

# Spark Plugs Inspection

**Meets NATEF Task:** (A8-C-4) P-1 Inspect and test ignition primary and secondary circuit wiring and solid state components; test ignition coil(s); perform necessary action.

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

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

\_\_\_\_\_ 1. Check service information and determine the correct plug code and gap for your vehicle using a spark plug application guide.

Engine: # Cylinders \_\_\_\_\_ VIN# \_\_\_\_\_

Brand \_\_\_\_\_ Code # \_\_\_\_\_ Gap \_\_\_\_\_

\_\_\_\_\_ 2. Remove and label all the spark plug wires.

\_\_\_\_\_ 3. Determine the condition and gap of all spark plugs:

	Condition	Gap
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____



\_\_\_\_\_ 4. Reinstall the spark plug (start by hand).

\_\_\_\_\_ 5. Use a torque wrench and torque the spark plugs to the proper torque.

Specified torque = \_\_\_\_\_

\_\_\_\_\_ 6. Start the engine. Check for possible rough running caused by crossed or loose spark plug wires.

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

\_\_\_\_\_ 7. Based on the inspection of the spark plugs, what is the necessary action? \_\_\_\_\_

\_\_\_\_\_