

Spark Plugs Inspection

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 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? _____
