

Electronic Ignition Diagnosis

Meets ASE Task: (A8-C-1) P-2, A8-C-3) P-3 Diagnose electronic ignition-related problems; determine needed action.

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information for the specified diagnostic procedures to follow when troubleshooting the ignition system.

_____ 2. Most test procedures specify that the spark be tested using a spark tester. Use a spark tester and determine that a spark does occur at each cylinder.

- Cylinder #1 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #2 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #3 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #4 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #5 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #6 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #7 _____ **OK** _____ **NOT OK** _____ (describe) _____
- Cylinder #8 _____ **OK** _____ **NOT OK** _____ (describe) _____

_____ 3. Based on the test results, what is the needed action?

