

Position Sensor Diagnosis

Meets NATEF Task: (A8-B-6) Access and use service information to perform step-by-step diagnosis. (P-1)

Name _____ Date _____ Time on Task _____

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

_____ 1. Check service information for the type of sensor used for the crankshaft position (CKP) and the camshaft position (CMP).

CKP – Describe the type of sensor _____

CMP – Describe the type of sensor _____

_____ 2. Check service information and determine the recommended testing procedures for testing the CKP sensor.

Wire colors and their purpose:

Wire #1 _____

Wire #2 _____

Wire #3 _____

Recommended testing procedure and specifications: _____

Test results: _____ OK ____ NOT OK ____



_____ 3. Check service information and determine the recommended testing procedures for testing the CMP sensor.

Wire colors and their purpose:

Wire #1 _____

Wire #2 _____

Wire #3 _____

Recommended testing procedure and specifications: _____

Test results: _____ OK ____ NOT OK ____



_____ 4. Based on the test results, what is the necessary action? _____