

Throttle Position Sensor Scan Tool Diagnosis

Meets NATEF Task: (A8-B-7) Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action. (P-2)

Name _____ Date _____ Time on Task _____

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

_____ 1. Check service information for the specified testing procedures and specifications for the throttle position (TP) sensor.

Recommended testing procedure: _____

Throttle position sensor specification: _____

_____ 2. Connect a scan tool to the data link connector (DLC). Check and record any throttle position-related diagnostic trouble codes (DTCs).

DTC

Description of DTC

_____ 3. With the ignition on, engine off (KOEO), connect a scan tool and check the output of the TP sensor at:

Idle = _____ 1/2 throttle = _____ Wide open (WOT) = _____

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

