

Throttle Position Sensor Testing

Meets ASE Task: A8 – B-5 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 4, 3, 2, 1) : _____

- ☐ 1. Check service information regarding the type and location of the throttle position sensor used on the vehicle being tested.

- ☐ 2. Check service information for the wire colors used and their purpose.

Wire 1 (color and purpose): _____

Wire 2 (color and purpose): _____

Wire 3 (color and purpose): _____

- ☐ 3. Measure the reference voltage = _____.
- ☐ 4. Measure the sensor signal voltage at closed throttle = _____.
- ☐ 5. Measure the TP sensor at wide-open throttle (W.O.T.) = _____.
- ☐ 6. Measure the TP signal sweep using an oscilloscope. Describe the results.

