

MAF Sensor Diagnosis

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 for the specified procedure to follow to test the MAF sensor.
- _____
- _____
- ☐ 2. Use a meter or scope with a frequency counter to record frequency or voltage at idle and at WOT (short bursts).
- at idle = _____ at WOT = _____
- ☐ 3. Use a scan tool and record grams per second.
- at idle = _____ at WOT = _____
- ☐ 4. A good MAF should read:
- greater than 100 grams per second (scan tool diagnosis)
 - higher than 7000 Hertz (7 KHz) (digital MAF)
 - higher than 4 volts (analog MAF)
- ☐ 5. If the MAF sensor reading does not exceed these values, the sensing wire may be contaminated or the sensor itself is defective.
- ☐ 6. Based on the test results, what is the needed action?
- _____

