

Ignition Scope Analysis

Meets ASE Task: A8 – C-3 – 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 specified method for attaching and using a secondary circuit oscilloscope.

- ☐ 2. Type of ignition:

☐ _____ Distributor ☐ _____ Waste spark ☐ _____ Coil-on-plug

- ☐ 3. Connect the ignition scope to the system as per the scope manufacturer's instructions.

- ☐ 4. Start the engine and observe the secondary ignition waveform.

	Firing Voltage (KV)	Spark Line Length (ms)
Cylinder #1	_____	_____
Cylinder #2	_____	_____
Cylinder #3	_____	_____
Cylinder #4	_____	_____
Cylinder #5	_____	_____
Cylinder #6	_____	_____
Cylinder #7	_____	_____
Cylinder #8	_____	_____

- ☐ 6. Based on the test results, what is the needed action? _____

