



Distributor Ignition Scope

Meets NATEF Task: (A8-C-2) Inspect and test ignition primary and secondary circuit wiring and solid state components; determine necessary action. (P-1)

Name _____ Date _____ Time on Task _____

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

_____ 1. Check service information for the specified procedures to follow when using a scope to test the distributor ignition.

_____ 2. Connect the ignition scope to the system as per the scope manufacturer's instructions.

_____ 3. Brand of scope used _____

_____ 4. Describe the hookup procedure _____

_____ 5. Start the engine and observe the secondary ignition waveform.

	Firing Voltage (KV) (voltage should be 5-15 KV)	Spark Line Length (ms) (length should be 1-2 ms)
Cylinder #1	_____	_____
Cylinder #2	_____	_____
Cylinder #3	_____	_____
Cylinder #4	_____	_____
Cylinder #5	_____	_____
Cylinder #6	_____	_____
Cylinder #7	_____	_____
Cylinder #8	_____	_____

_____ 6. OK _____ NOT OK _____

_____ 7. Based on the test results, what is the necessary action? _____
