

## **Optical Distributor Scope Test**

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 testing the optical distributor		procedures and specifications for
2.		tor. (Refer to the serv	n and high resolution signal wires at vice information for the correct
3.	Connect the scope probe lead and connect the probe ground ground.		
4.	Set the scope settings as follo Volts per Division = 2 vo Time per division = 500 Trigger Level = 1 V Trigger Slope = post	olts DC µS (500 microsecond . (50%)	ds)
5.	-	und signal (horizonta	vaveform should have vertical rising l bottom portion of the waveform) here:

- **6.** Connect the scope to the high resolution signal wire. Carefully verify that all rising and falling edges are vertical and that the ground signal should be close to zero. Draw the waveform here:
- 7. Based on the test results, what is the necessary action?