

► TASK Check electrical/electronic circuit waveforms; interpret readings and determine needed repairs.

MAST
6A11

CDX Tasksheet Number: C642

Vehicle used for this activity:

Year _____ Make _____ Model _____

Odometer _____ VIN _____

Time off _____

Time on _____

Total time _____

1. List the two most common types of electrical waveforms and describe how each of them differ:

2. Research various sensors for the vehicle you have been given.

a. List at least two sensors that give an analog signal:

b. List at least two sensors that give a digital signal:

3. Connect a lab scope to at least one analog sensor. Test the sensor, draw a diagram of the waveform, and list the name of the analog sensor:

4. Connect a lab scope to at least one digital sensor. Test the sensor, draw a diagram of the waveform, and list the name of the digital sensor:

5. Do these waveforms meet the manufacturer's specifications?

Yes: _____ **No:** _____

6. Determine any necessary action(s):

7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C642

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Supervisor/instructor signature _____ Date _____

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