1. After powering up the oscilloscope, set the time base to 20 milliseconds (ms) per division. Record the total time displayed on the screen.

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE Task: A6 – A-13 – P-1

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Oscilloscope Setup and Adjustment**

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2. Adjust the volts per division to 1 volt per division. Record the total voltage displayed on the screen.

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3. Configure the scope to display two channels.

4. Setup a trigger on channel A or 1. Adjust the trigger level to 2.8 volts with the slope in a positive direction.

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5. Connect a breakout box to the data link connector (DLC) and connect the scope leads to the communication circuit(s)

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6. With the ignition key in the on position, observe the pattern. (describe):

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