

# Oscilloscope Setup and Adjustment

Meets ASE Task: A6 – A-13 – P-1

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

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

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

1. After powering up the oscilloscope, set the time base to 20 milliseconds (ms) per division. Record the total time displayed on the screen.  
\_\_\_\_\_
2. Adjust the volts per division to 1 volt per division. Record the total voltage displayed on the screen.  
\_\_\_\_\_
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.  
\_\_\_\_\_
5. Connect a breakout box to the data link connector (DLC) and connect the scope leads to the communication circuit(s)  
\_\_\_\_\_
6. With the ignition key in the on position, observe the pattern. (describe):  
\_\_\_\_\_

