

**► TASK** Use wiring diagrams to trace electrical/ electronic circuits.

**MLR**  
6A3

**AST**  
6A7

**MAST**  
6A7

Time off: \_\_\_\_\_

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

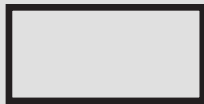
Total time: \_\_\_\_\_

**CDX Tasksheet Number: C289**

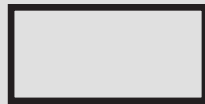
1. Ask your instructor for a wiring diagram, or have him/her assign a circuit for you to print a wiring diagram of. If your instructor has no preference, print off a wiring diagram of a port fuel injection circuit from a vehicle less than 10 years old.
2. Using a red crayon or highlighter, trace all of the wires that are connected directly to power.
3. Using an orange crayon or highlighter, trace all of the wires that are switched to power.
4. Using a green crayon or highlighter, trace all of the wires that are connected directly to ground.
5. Using a yellow crayon or highlighter, trace all of the wires that are switched to ground.
6. Using a blue crayon or highlighter, trace all of the wires that are variable wires, such as sensor outputs.
7. If any wires switch polarity (such as a power window motor), trace those wires with alternating orange and yellow.
8. Have your supervisor/instructor verify satisfactory completion of this procedure.

**Performance Rating**

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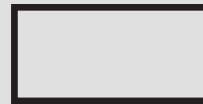
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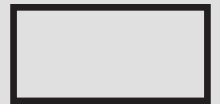
**1**



**2**



**3**



**4**

Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_