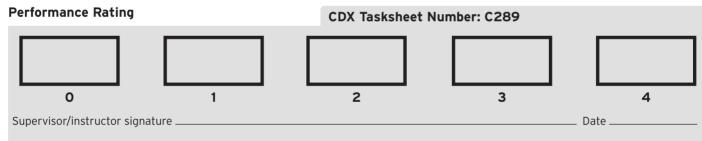
► TASK Use wiring diagrams to trace electrical/ electronic circuits.

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 you 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.



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