

**► TASK** Inspect and test switches, connectors, and wires of starter control circuits; determine needed action.

**MAST**  
6C5

Time off	_____
Time on	_____
Total time	_____

**CDX Tasksheet Number: C313**

1. Referring to the appropriate service information, draw a diagram of the starter control circuit (small wires) from battery positive terminal to the starter. On the diagram, list the components the current goes through to get to the starter.

- a. List the maximum specified voltage drop across the starter relay/solenoid contacts: \_\_\_\_\_ volts

2. Write a short description of how the starter control circuit operates to enable the starter to crank the engine:

3. Disable the vehicle's fuel or ignition system so it will not start.

4. Conduct the Starter Control Circuit Voltage Drop Test—Positive Side.

- a. List the voltmeter connection points in the circuit:

DMM black lead: \_\_\_\_\_

DMM red lead: \_\_\_\_\_

- b. Conduct the Starter Control Circuit Voltage Drop Test:

What is the voltage drop on the positive side? \_\_\_\_\_ volts

Is this reading within specifications? Yes: \_\_\_\_\_ No: \_\_\_\_\_

- i. If no, refer to the service information for further tests. List those tests and their results:

5. Determine any necessary action(s):

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

Performance Rating

CDX Tasksheet Number: C313

0

1

2

3

4

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

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