

► TASK Inspect and test switches, connectors, and wires of starter control circuits; perform necessary action.

MLR
6C5

AST
6C5

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:

DVOM black lead: _____

DVOM 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

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Supervisor/instructor signature _____ Date _____