

► TASK Perform charging system output test; determine needed action.

MAST
6D1

CDX Tasksheet Number: C315

Time off _____

Time on _____

Total time _____

1. Research "performing a charging system output test" in the appropriate service information for the vehicle you are working on. What is the specified charging system output? _____ amps at _____ volts at _____ rpm
2. Install the fender covers, exhaust hose(s), and wheel chocks, and set the parking brake.
3. Connect the charging system tester as outlined in the appropriate service information.
 - a. Heavy red lead to the battery positive terminal
 - b. Heavy black lead to the battery negative terminal
 - c. Green/Black amps clamp around alternator output wire (facing the correct direction)
4. Have your supervisor/instructor verify your test procedure and connections. Supervisor's/instructor's initials: _____
5. Conduct the charging system output test. List the measured results at the maximum output: _____ amps at _____ volts at _____ engine rpm
6. Compare your results to the manufacturer's specifications. List your observations:
7. Determine any necessary action(s):
8. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C315

0

1

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Supervisor/instructor signature _____ Date _____