

TASK Perform cylinder power balance test; determine necessary action.

MLR
8A3 **AST**
8A6 **MAST**
8A6

Time off _____
Time on _____
Total time _____

CDX Tasksheet Number: C393

1. Research the best option for disabling the cylinders on this vehicle in the appropriate service information. The following list contains the most common methods. Indicate the method you are going to use.
 - a. Disconnect the individual spark plug wires or ignition coils. _____
 - b. Disconnect the individual fuel injectors (multi-port fuel injection only). _____
 - c. Diagnostic scope to disable cylinders through the ignition primary circuit. _____
 - d. Scan tool on vehicles with power balance capabilities. _____
 - e. Vacuum hose and test light (option for waste spark ignition systems). _____

2. Determine from the service information whether this vehicle has an idle control system. **If it does, list how to best disable it during this test:**

3. Have your supervisor/instructor check the above answers. **Supervisor/instructor initials:** _____

4. If this vehicle is equipped with an idle control system, disable it and set the idle speed to an appropriate RPM.
 - a. **List that RPM here:** _____ **RPM**

5. Disable cylinders one at a time and record the RPM drop (not the RPM) of each cylinder.
 - a. **RPM drop:** _____

6. **Determine any necessary action(s):**

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

Performance Rating

CDX Tasksheet Number: C393

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1

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3

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Supervisor/instructor signature _____ Date _____

