

► TASK Inspect and replace engine cooling and heater system hoses.

Additional Task

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: N/A

1. **Visually inspect the external condition of all the hoses that carry coolant on the vehicle. Also, squeeze each hose and check for soft or brittle conditions. List your observations below.**

a. Radiator hose condition:

b. Heater hose condition:

c. Other hoses (bypass hoses, heated intake hoses, etc.):

2. **Drain an appropriate amount of coolant from the system to lower the coolant level below the level of the hose you are removing.**

3. **Remove the hose. Be careful not to damage the fitting it is connected to.**

NOTE Do not twist the hose to loosen it from the radiator or heater core fittings. You could pull the fitting out of the core. Either carefully slide a tool between the fitting and the hose, or slit the hose on top of the fitting, being careful not to damage the fitting, and peel the hose off of the fitting.

4. **Inspect the inside of the hose. List your observation(s):**

5. **Have your instructor verify the removal and the faults found.**
Supervisor's/instructor's initials: _____

6. **Replace the hose with a new one, if needed. Be sure to properly route it.**

7. **Refill the system with the proper coolant; perform a pressure or vacuum test to check for leaks.**

8. Apply the vehicle's parking brake and secure the vehicle with wheel chocks to prevent the vehicle from rolling. Also, place the exhaust hose over the exhaust pipe(s).
9. Start the engine and allow it to warm up to a normal operating temperature and recheck for leaks and proper coolant level.
10. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: N/A

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Supervisor/instructor signature _____ Date _____