

▶ TASK Remove and reinstall transmission/transaxle and torque converter; inspect engine core plugs, rear crankshaft seal, dowel pins, dowel pinholes, and mating surfaces.



Time off _____
Time on _____
Total time _____

CDX Tasksheet Number: C604

1. Research the following torque specifications and transmission/transaxle removal and installation procedure in the appropriate service information.
 - a. Flex plate-to-crankshaft bolt torque: _____ ft-lb/Nm
 - b. Torque converter-to-flex plate bolt torque: _____ ft-lb/Nm
 - c. Transmission-to-block bolt torque: _____ ft-lb/Nm
 - d. Transmission fluid type: _____
 - e. Transmission fluid capacity: _____ qt/lt
 - f. List or print off and attach to this sheet the procedure for removing and installing the transmission/transaxle:

2. Following the specified procedure, remove the transmission/transaxle from the vehicle.

3. Inspect the following components and list your observations.

- a. Engine core plugs:

b. Rear crankshaft seal:

c. Dowel pins and holes:

d. Engine and bell-housing mating surfaces:

4. Have your supervisor/instructor verify your observations. **Supervisor's/instructor's initials:** _____

NOTE At this time, you may want to overhaul the transmission/transaxle or perform other tasks such as inspecting/replacing the torque converter or flushing the transmission/transaxle cooler lines. Once any related tasks are completed and it is time to reinstall the transmission/transaxle, return to this page to complete the task and have it signed off.

5. Prepare the transmission to be reinstalled. Ensure that the torque converter is fully engaged in the transmission. Failure to do so may cause severe damage to the transmission/transaxle and the converter.
6. Have your instructor check that the convertor is installed properly. **Supervisor's/instructor's initials:** _____
7. Position all wires, hoses, and tubes out of the way and in their specified positions. Secure them temporarily if necessary.

NOTE It is easy for wires and hoses to fall down and get pinched between the engine and bell housing. This will cause electrical issues in the vehicle as well as alignment issues with the transmission.

8. Following the specified procedure, reinstall the transmission/transaxle. Be sure to tighten all fasteners to the proper torque.
9. Refill the transmission/transaxle to the proper level.
10. Check that all cooler lines, electrical wires, linkages, and other removed components are properly installed and adjusted.
11. Have your instructor verify that the vehicle is ready to be started. **Supervisor's/instructor's initials:** _____
12. Place exhaust hose(s) over the exhaust pipe(s) and set the parking brake.
13. Start the vehicle and move the transmission selector through each gear. Check the transmission fluid level and top off as necessary.
14. **Check for leaks, loose parts, or anything that isn't right with the transmission and the related parts. List your observation(s):**
15. **With your supervisor's/instructor's permission, test drive the vehicle to ensure the transmission operates correctly. List your observations:**

16. Double check your work and verify that there are no leaks and that everything is back in its proper place. List your observations:

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

Performance Rating

CDX Tasksheet Number: C604

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Supervisor/instructor signature _____ Date _____

Name: _____ Date: _____ Class _____