

Automatic Transmission and Transaxle: Vehicle, Customer, and Service Information

Student/intern information:

Name _____ Date _____ Class _____

Vehicle used for this activity:

Year _____ Make _____ Model _____

Odometer _____ VIN _____

Learning Objective/Task	CDX Tasksheet Number	2013 MLR NATEF Reference Number; Priority Level	2013 AST NATEF Reference Number; Priority Level	2013 MAST NATEF Reference Number; Priority Level
• Research applicable vehicle and service information, fluid type, vehicle service history, service precautions, and technical service bulletins.	C681	2A1; P-1	2A2; P-1	2A2; P-1
• Identify and interpret transmission/transaxle concern; differentiate between engine performance and transmission/transaxle concerns; determine necessary action.	C599		2A1; P-1	2A1; P-1
• Check fluid level in a transmission or a transaxle equipped with a dipstick.	C902	2A2; P-1	2A4; P-1	2A4; P-1
• Check fluid level in a transmission or a transaxle not equipped with a dipstick.	C903	2A3; P-1	2A5; P-1	2A5; P-1
• Check transmission fluid condition; check for leaks.	C904	2A4; P-2		
• Diagnose fluid loss and condition concerns; determine necessary action.	C682		2A3; P-1	2A3; P-1
• Drain and replace fluid and filter(s).	C907	2B4; P-1	2B4; P-1	2B4; P-1
• Describe the operational characteristics of a continuously variable transmission (CVT).	C606	2C1; P-3	2C4; P-3	2C4; P-3
• Describe the operational characteristics of a hybrid vehicle drive train.	C607	2C2; P-3	2C5; P-3	2C5; P-3
• Demonstrate use of 3 Cs (concern, cause, correction).	N/A	N/A	N/A	N/A

Time off _____

Time on _____

Total time _____

Materials Required

- Blank work order
- Vehicle with available service history records
- Depending on the type of concern, special diagnostic tools may be required. See your supervisor/instructor for instructions to identify what tools may be required.

Some Safety Issues to Consider

- This task may require test-driving the vehicle on the school grounds. Attempt this task only with full permission from your instructor and follow all the guidelines exactly.
- When running any vehicles in the shop, make sure you use the shop's exhaust ventilation system to discharge all exhaust gas safely outside.
- Lifting equipment such as vehicle jacks and stands, vehicle hoists, and engine hoists are important tools that increase productivity and make the job easier. However, they can also cause severe injury or death if used improperly. Make sure you follow the manufacturer's operation procedures. Also, make sure you have your supervisor's/instructor's permission to use any particular type of lifting equipment.
- Comply with personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.

Performance Standard

0—No exposure: No information or practice provided during the program; complete training required

1—Exposure only: General information provided with no practice time; close supervision needed; additional training required

2—Limited practice: Has practiced job during training program; additional training required to develop skill

3—Moderately skilled: Has performed job independently during training program; limited additional training may be required

4—Skilled: Can perform job independently with no additional training