

Brakes: Brake Fluid Testing and Maintenance

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
• Select, handle, store, and fill brake fluids to proper levels.	C239	5B4; P-1	5B9; P-1	5B9; P-1
• Test brake fluid for contamination.	C625	5B7; P-1	5B13; P-1	5B13; P-1
• Bleed and/or flush brake system.	C705	5B6; P-1	5B12; P-1	5B12; P-1

Time off _____

Time on _____

Total time _____

Materials Required

- Vehicle or brake system simulator
- Specified brake fluid
- DVOM or brake fluid tester/test strip
- Brake bleeder wrenches
- Suction gun or brake fluid removal device
- Brake bleeder

Some Safety Issues to Consider

- **Caution:** Most types of brake fluid are harmful to painted surfaces. Be sure to prevent brake fluid from coming into contact with a vehicle's paint. Use fender covers to minimize this risk and be sure to wipe up any spilled brake fluid immediately with a wet rag.
- Do not mix DOT 5 brake fluid with a DOT 3 or 4 glycol-based fluid. They are incompatible.
- If you need to start the vehicle, you should ensure that the parking brake is firmly applied. If necessary, use wheel chocks to prevent the vehicle from moving when the vehicle is started to verify the completion of these tasks.
- Before moving a vehicle that has had any brake system or hydraulic system repairs, make sure the brake pedal is firm. If not, do not move the vehicle.
- When running any vehicles in the shop, make sure you use the shop's exhaust ventilation system to discharge all exhaust gas safely outside.
- Completion of this task may require test-driving the vehicle on the school grounds. Attempt this task only with full permission from your supervisor/instructor and follow all the guidelines exactly.
- 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