

Suspension and Steering Systems: Steering Column Service

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
• Disable and enable supplemental restraint system (SRS).	C168	4A2; P-1	4B1; P-1	4B1; P-1
• Remove and replace steering wheel; center/time supplemental restraint system (SRS) coil (clock spring).	C169		4B2; P-1	4B2; P-1
• Inspect steering shaft universal joint(s), flexible coupling(s), collapsible column, lock cylinder mechanism, and steering wheel; perform necessary action.	C173		4B6; P-2	4B6; P-2
• Diagnose steering column noises, looseness, and binding concerns (including tilt mechanisms); determine necessary action.	C170		4B3; P-2	4B3; P-2

Time off _____

Time on _____

Total time _____

Materials Required

- Vehicle fitted with supplemental restraint system (SRS)
- Steering wheel puller
- Manufacturer- and job-specific tools
- Masking tape

Some Safety Issues to Consider

- Working on the airbag system can be very dangerous. Consult the service information for the vehicle you are working on and ensure all safety precautions are followed.
- Accidental deployment of the airbag system could happen if you inadvertently probe the wrong wire. Most manufacturers use yellow-colored wiring to denote wiring for the airbag system. Always be aware of the system/circuit you are working on.
- 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