

**▶ TASK** Inspect and replace drive axle shaft wheel studs.

**MLR**  
3E1:1

**AST**  
3E2:1

**MAST**  
3E3:1

Time off \_\_\_\_\_

Time on \_\_\_\_\_

Total time \_\_\_\_\_

**CDX Tasksheet Number: C154**

**Vehicle used for this activity:**

Year \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_

Odometer \_\_\_\_\_ VIN \_\_\_\_\_

1. Research the procedure and specifications for replacing the axle shaft wheel studs in the appropriate service information.
  - a. There are generally two standard procedures for replacing wheel studs. One is to remove the hub from the vehicle and use a hydraulic press to remove and install the studs. The other is to use a hammer to drive out the old stud, and then use washers and the flat side of the lug nut to draw the new stud into the hub. **Which method does the service information describe for this vehicle?**

**b. List any special tools or procedures for this task:**

**c. Lug nut torque: \_\_\_\_\_ ft-lb/Nm**

2. Safely raise and secure the vehicle on a hoist.
3. Remove the wheel assembly and inspect the lug nuts and wheel studs.  
**List your observations and any necessary actions:**
4. Have your supervisor/instructor verify your observations.  
**Supervisor's/instructor's initials: \_\_\_\_\_**
5. Remove the damaged wheel stud(s) from the hub.  
**Supervisor's/instructor's initials: \_\_\_\_\_**
6. Install the new wheel stud(s) in the hub, following all service information instructions.

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

**Performance Rating**

**CDX Tasksheet Number: C154**

**0**

**1**

**2**

**3**

**4**

Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_