

**► TASK** Inspect tire and wheel assembly for air loss; perform necessary action.

**MLR**  
4D5

**AST**  
4F8

**MAST**  
4F8

**CDX Tasksheet Number: C580**

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

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

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

1. Research the following specifications in the appropriate service information.
  - a. **Lug nut torque:** \_\_\_\_\_ **ft-lbs/Nm**
  - b. **Is this vehicle equipped with TPMS? Yes:** \_\_\_\_\_ **No:** \_\_\_\_\_
  - c. **If yes, do you have the specified tools and procedures to reset the TPMS system? Yes:** \_\_\_\_\_ **No:** \_\_\_\_\_
2. Remove wheel/tire assembly from vehicle and check it for any leaks using soapy water or a dunk tank. **List your observations:**

**NOTE** When removing hubcaps and wheels, please store them in such a manner as not to damage the visible side of the hubcap or wheel. Laying them face down will cause them to become scratched and damaged. Also store the lug nuts so they will not get lost or kicked.

3. Mark the position of all wheel weights and the valve stem on the tire with a tire crayon. This is so you can reinstall the tire and weights on the wheel in the same position so rebalancing is unnecessary.
4. Using the correct procedure, dismount the tire from the wheel. Be careful not to damage the TPMS, if equipped.
5. **Inspect the wheel and tire for any damage, rust, or other defects and list them here:**
6. **Are the defects repairable? Yes:** \_\_\_\_\_ **No:** \_\_\_\_\_
7. Have your supervisor/instructor verify your observations, and ask permission to make any repairs. **Supervisor's/instructor initials:** \_\_\_\_\_
8. With supervisor/instructor approval, repair all defects found.

**NOTE** If the tire has a leak that can be repaired with an integrated plug-patch or internal patch, skip ahead to task C552: Repair tire using internal patch, and return here once the task has been completed.

9. Remount the tire on the wheel, positioning the tire and weights in their original positions on the wheel to restore existing tire balance.
10. Recheck the wheel/tire assembly for leaks. If there are none, reinstall it on the vehicle and torque the lug nuts to the proper specification and in the proper sequence.
11. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

**Performance Rating**

**CDX Tasksheet Number: C580**

**0**

**1**

**2**

**3**

**4**

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