

**► TASK** Inspect and test the hydraulically assisted power brake system for leaks and proper operation; determine needed action.

**MAST**  
5E4

**CDX Tasksheet Number: C581**

**Vehicle used for this activity:**

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

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

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

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

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

1. **Performance Test: Begin with the vehicle engine off. Apply and release the brake pedal five or six times to discharge the accumulator.**
  - a. Hold the brake pedal down with moderately firm pressure (20-30 lb).
  - b. Start the engine and observe the brake pedal. If it drops an inch or two, the booster is providing boost. If it does not drop, check the power steering pump belt and power steering pump system. List observations found:

**NOTE** If they are in good condition, consult the service information for further diagnosis.

2. **Accumulator Leak Test: Start the engine, apply the brake pedal, and note the pedal feel and applied height.**
  - a. Release the brake pedal, turn off the engine, and wait at least 10 minutes.
  - b. Apply the brake pedal with moderately firm pressure (20-30 lb). List observations found:
  - c. Apply the pedal several more times with the same moderately firm pressure. Each application should result in a higher pedal as the accumulator pressure is released from the booster. If it did, then there are no substantial leaks in the system. If it didn't hold pressure, you will need to perform manufacturer specified tests to determine what is causing the loss in pressure. Determine any necessary action(s):

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

**Performance Rating**

**CDX Tasksheet Number: C581**

**0**

**1**

**2**

**3**

**4**

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