

**► TASK** Inspect wheel cylinders for leaks and proper operation; remove and replace as needed.

**MLR**  
5C4

**AST**  
5C5

**MAST**  
5C5

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

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

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

**CDX Tasksheet Number: C707**

1. Inspect the wheel cylinder for leaks or damages dust boots. **List your observations:**

2. Place one thumb in each end of the wheel cylinder. Try to move both pistons side-to-side. This will indicate whether the pistons are stuck in their bores.

**List your observations:**

3. Remove the wheel cylinder following the specified procedure.

**NOTE** To prevent twisting the brake line, it is common practice to loosen the brake line fitting before unbolting the wheel cylinder from the backing plate.

4. Ask your instructor if you should disassemble the wheel cylinder. If no, skip to step #4. If yes, disassemble, clean, and inspect the wheel cylinder for damage, wear, or missing pieces.

a. **Bore:**

**Damaged:** \_\_\_\_\_ **Okay:** \_\_\_\_\_

b. **Pistons:**

**Damaged:** \_\_\_\_\_ **Missing:** \_\_\_\_\_

**Okay:** \_\_\_\_\_

c. **Seals:**

**Damaged:** \_\_\_\_\_ **Missing:** \_\_\_\_\_

**Okay:** \_\_\_\_\_

d. **Dust boots:**

**Damaged:** \_\_\_\_\_ **Missing:** \_\_\_\_\_

**Okay:** \_\_\_\_\_

e. **Spring(s):**

**Damaged:** \_\_\_\_\_ **Missing:** \_\_\_\_\_

**Okay:** \_\_\_\_\_

5. **List any necessary action(s):**

6. Have your supervisor/instructor inspect the removed or disassembled wheel cylinder and determine whether it should be rebuilt, replaced with new, or reinstalled:

- a. **Rebuild:** \_\_\_\_\_ **Replace:** \_\_\_\_\_ **Reinstall:** \_\_\_\_\_  
(Choose one, then instructor initial) \_\_\_\_\_
- b. If rebuilding the wheel cylinder, use new seals, dust boots, springs and expanders.

7. Reinstall the wheel cylinder on the backing plate.

**NOTE** It is usually best to start the brake line fitting into the wheel cylinder before bolting the cylinder down. This will allow the threads of the brake line fitting to align with the threads in the wheel cylinder, helping to prevent cross-threading of the parts.

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

**Performance Rating**

**CDX Tasksheet Number: C707**

**0**

**1**

**2**

**3**

**4**

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