

# SAFETY RECALL

Mack Trucks Inc.  
Greensboro, NC USA



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| Date      | Number | Release | Page  |
|-----------|--------|---------|-------|
| June 2025 | SC0479 | 01      | 1(10) |

## Underrated Axle Drum Brakes GR

### RECALL INFORMATION

(June 2025)

Certain Mack Heavy Duty trucks may have been manufactured with drive axle brake drums that do not support the originally specified rear axle rating of 29,000 lbs. The drums that were installed are rated for a maximum of 27,000 lbs. As a result, the vehicle certification label inaccurately reflects a higher weight capacity than the vehicle is built to handle.

This discrepancy increases the risk of overloading, which could lead to a higher likelihood of crashes and potential injuries.

To resolve this issue, both drive axle brake drums on all affected trucks must be replaced with correctly rated components.

Please refer to the instructions in this document to complete the brake drum replacement procedure.

### VEHICLES AFFECTED

Certain Mack GR model vehicles manufactured between March 04, 2025, and March 07, 2025.

### VEHICLE QUANTITY

There are 5 vehicles affected by this recall. (All U.S.)

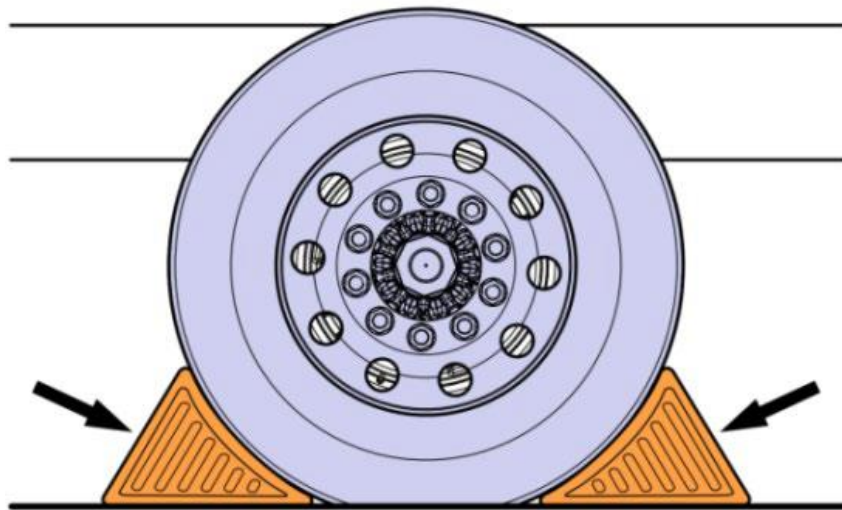
**Parts**

Order parts through normal process as needed.

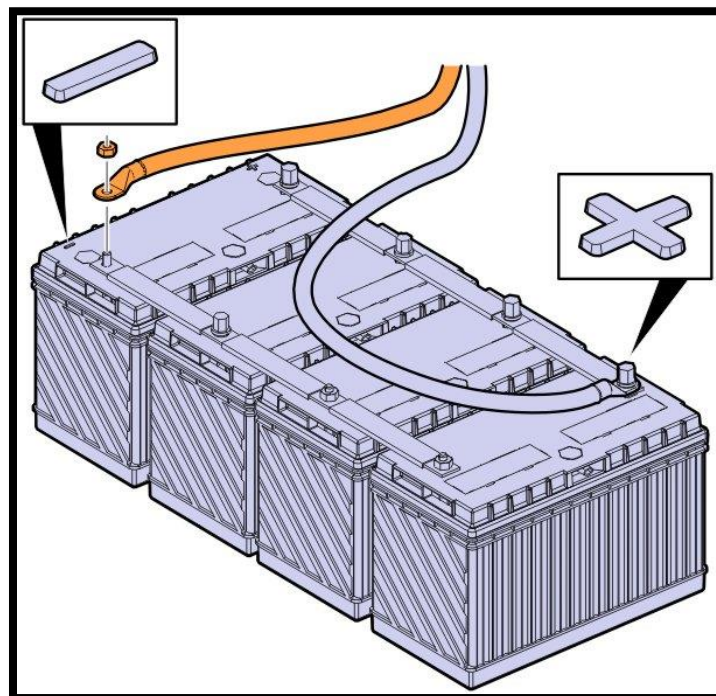
| Part Number | Part Description | Quantity |
|-------------|------------------|----------|
| 24882178    | Brake Drum       | 2        |

**Repair Instructions**

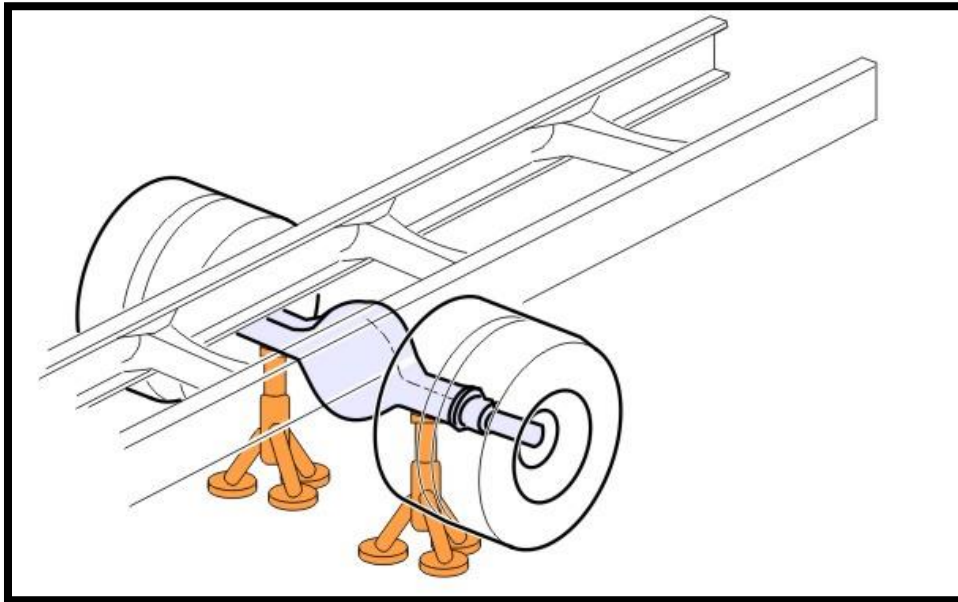
1. Secure vehicle for service by parking on a flat and level surface.
2. Apply parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks.



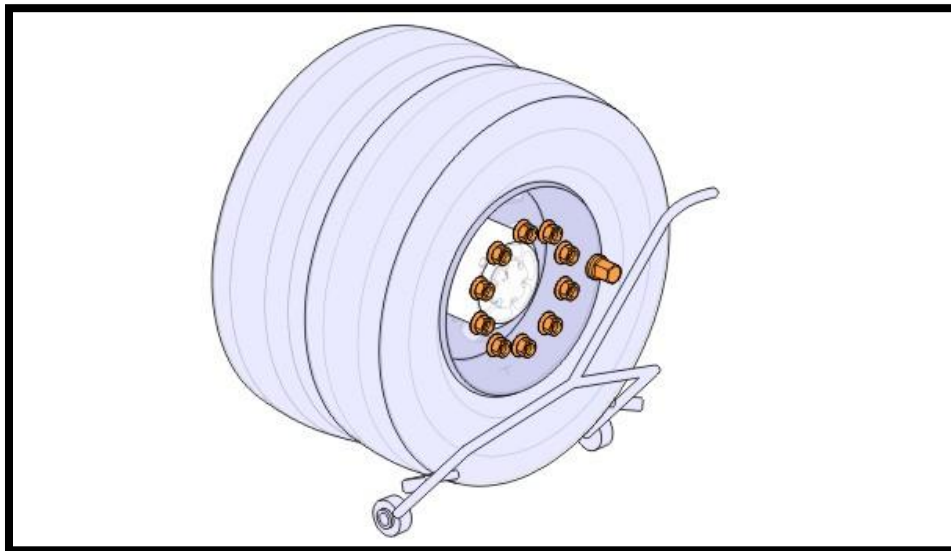
5. Disconnect the cable from the negative battery terminal.



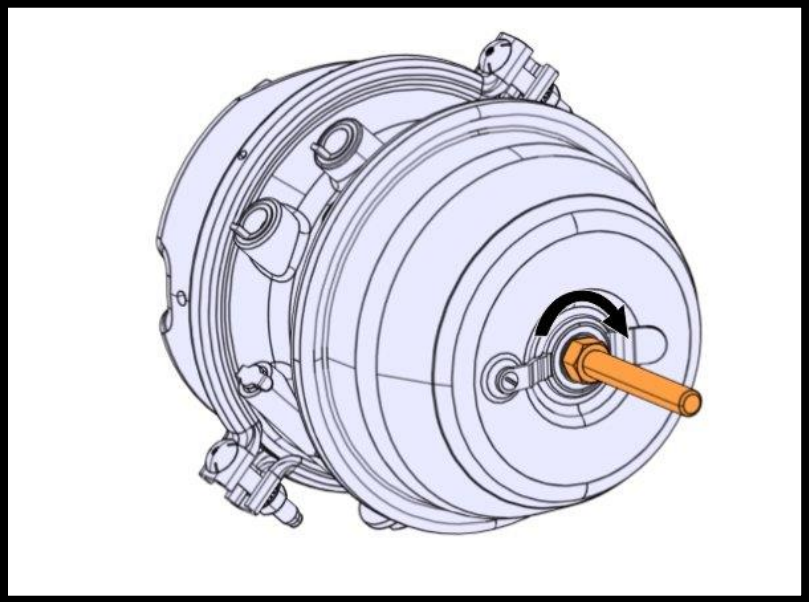
6. Raise the vehicles drive axle.
7. Position jack stands under drive axle to secure the vehicle.



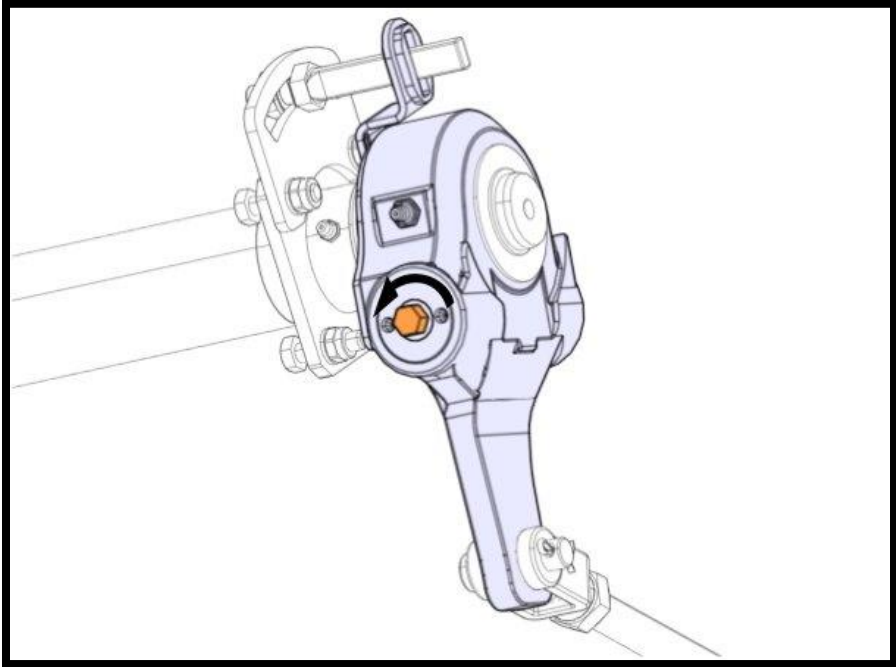
8. Remove the drive axle wheels. (Both Sides)



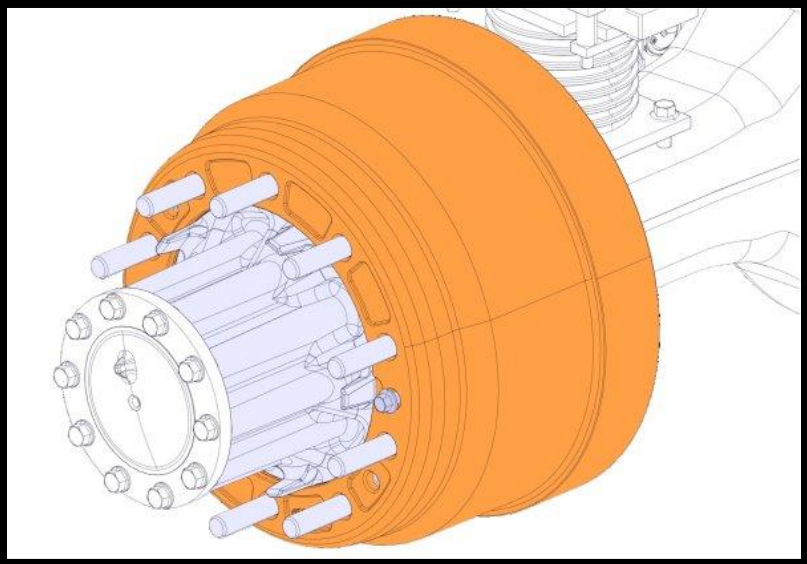
9. Cage the brake chamber. (Both Sides)



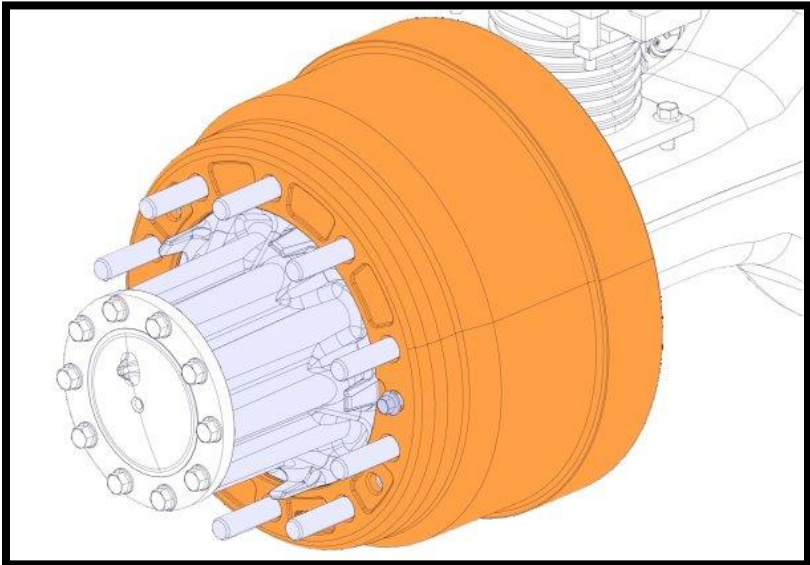
10. Rotate the slack adjuster screw counterclockwise. (Both Sides)



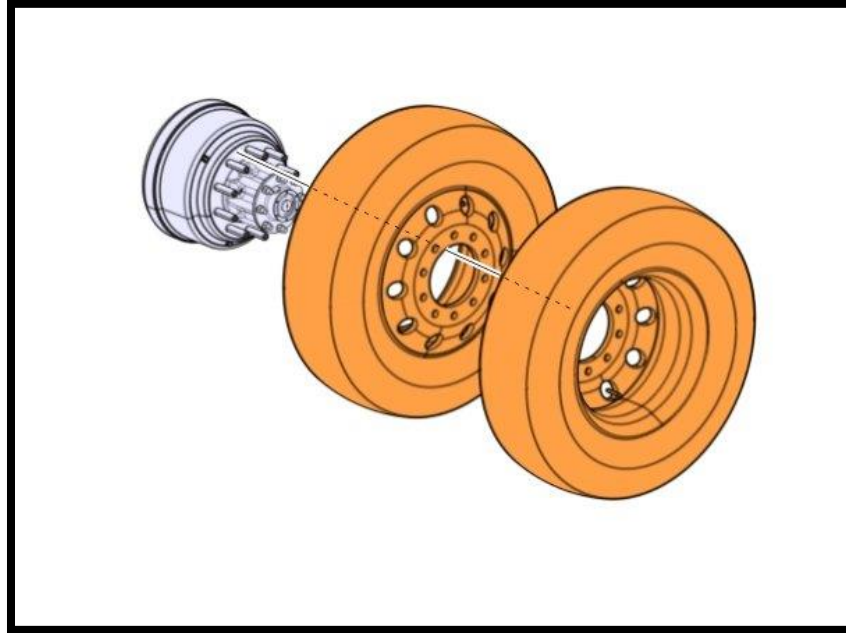
11. Remove the brake drum. (Both Sides)



12. Install new brake drum P/N 24882178. (Both Sides)

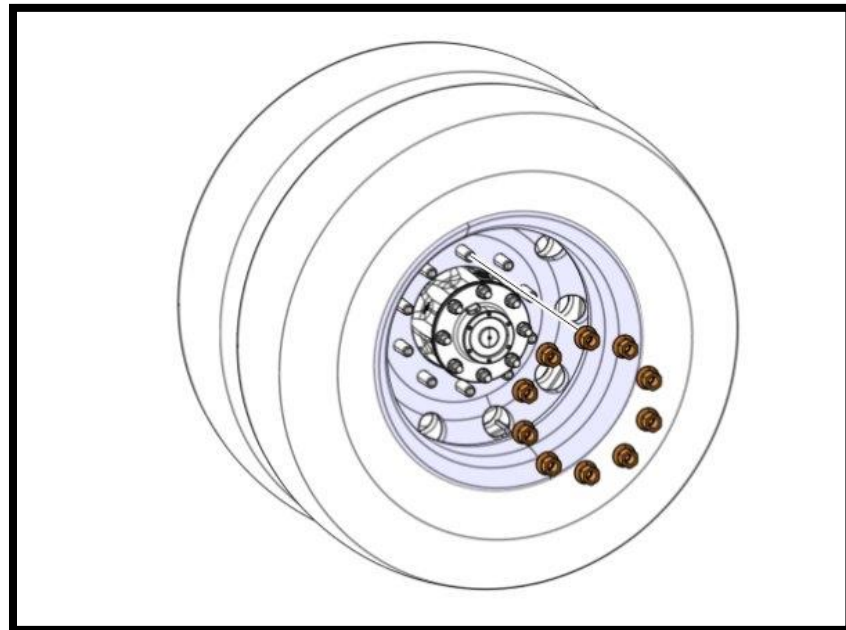


13. Install wheels. (Both Sides)

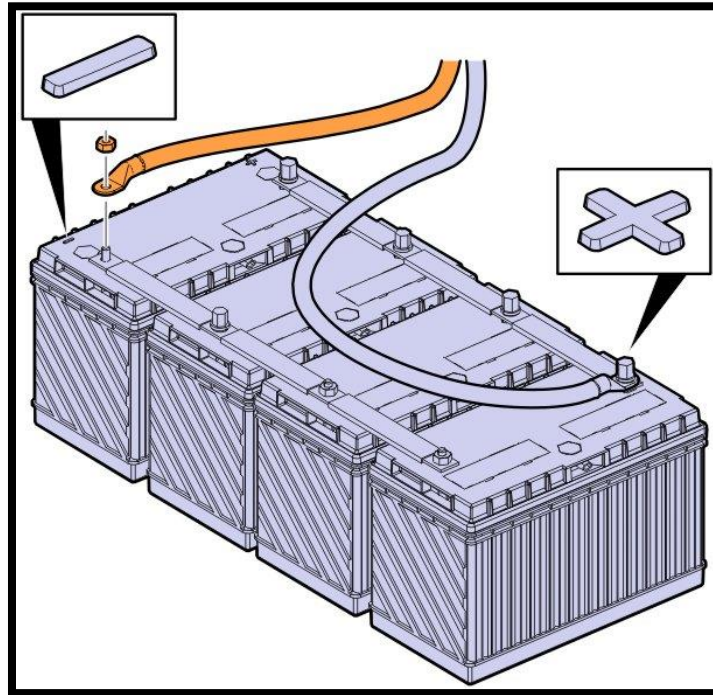


14. Install and torque wheel nuts. (Both Sides)

| Tightening torque                        |   |
|--|---|
| Drive wheel, nut (use diagonal sequence) | 645 ±34 Nm<br>(476 ±25 lb <sub>r</sub> ·ft) |



15. Connect the cable from the negative battery terminal.

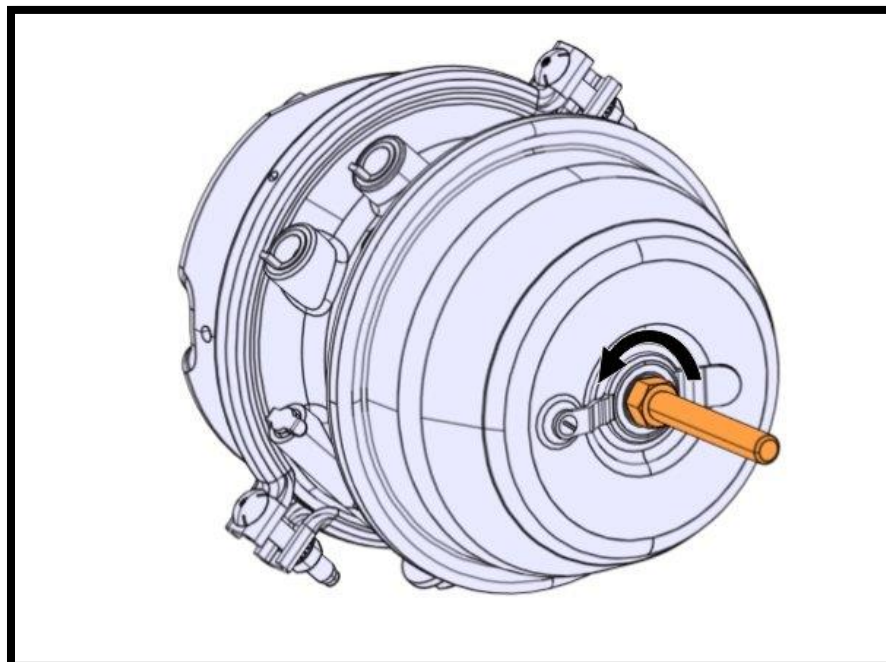


16. Check the pneumatic system pressure. If low, idle engine to build system pressure.

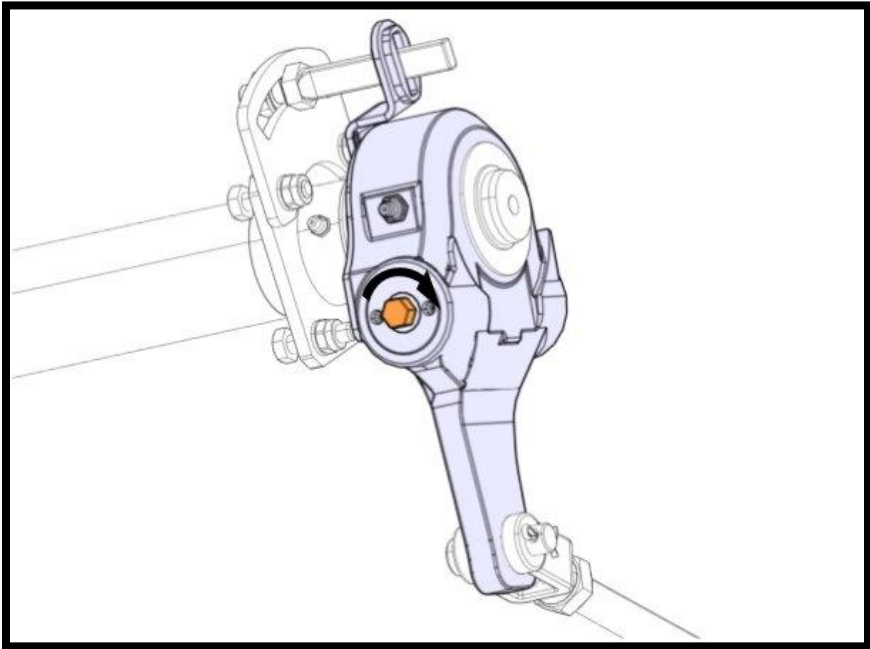
| Tech data                          |                                     |
|------------------------------------|-------------------------------------|
| Pneumatic system, minimum pressure | 7 – 7.5 bar<br>(101.5 – 108.78 psi) |

17. Release the parking brake.

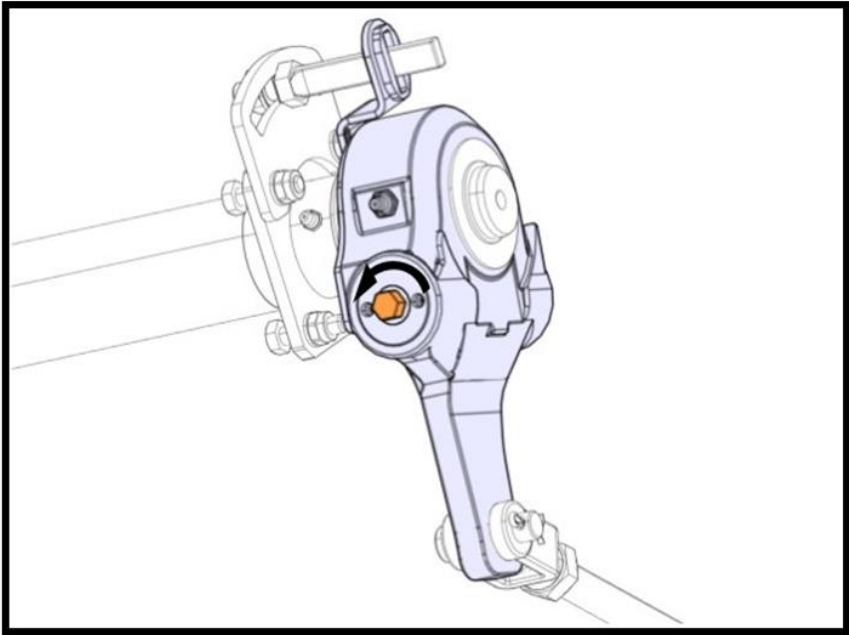
18. Uncage the brake chamber. (Both Sides)



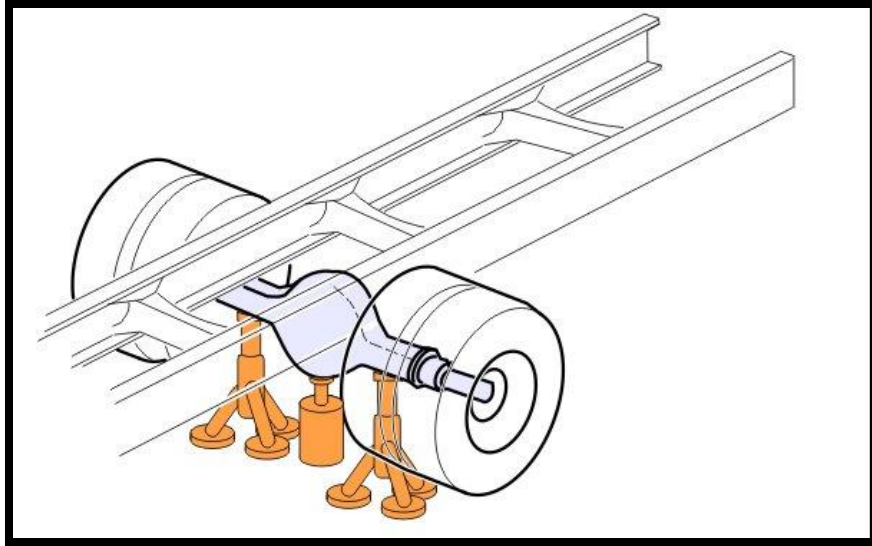
19. Rotate the slack adjuster screw clockwise. (Both Sides)



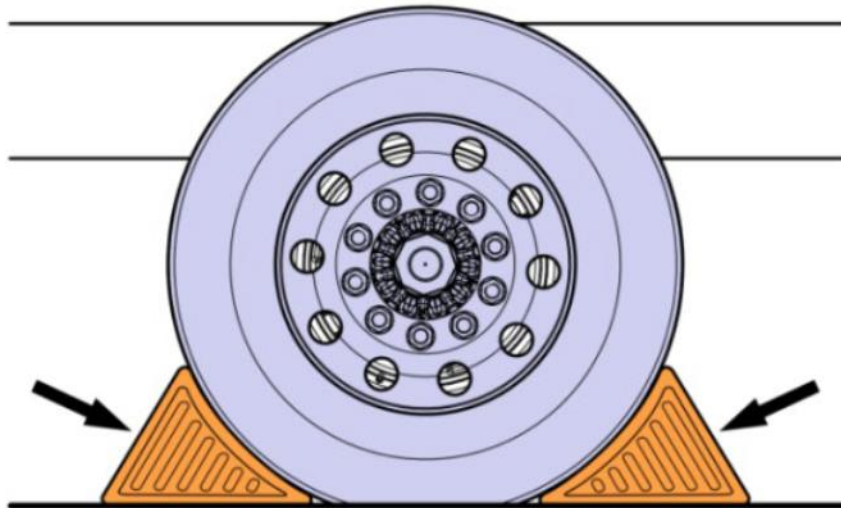
20. Rotate the slack adjuster screw counterclockwise 180°. (Both Sides)



- 21. Apply parking brake.
- 22. Remove jack stands.
- 23. Lower vehicle.



- 24. Remove wheel chocks.



- 25. Release truck.

**REIMBURSEMENT**

|   |                             |
|---|-----------------------------|
| This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process. |                             |
|   | <b>UHP Reimbursement</b>    |
| <b>Claim Type</b> (used only when uploading from the Dealer Business System)  | 40                          |
| <b>Recall Status</b>  |                             |
| Vehicle repaired per instructions   | 1-Modified per instructions |
| <b>Labor Codes</b>  |                             |
| <b>5122-03-02-01 Brake Drum, Replacement (One Driven Wheel) (0.7x2)</b>   | <b>1.4</b>                  |
| <b>Causal Part</b>  | 24881506                    |
| <b>Authorization Number</b>   | C0465                       |

**Note:** Dealers are to perform Safety Recalls on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.