

# SAFETY RECALL

Mack Trucks Inc.  
Greensboro, NC USA



Release Date	Number	Release	Page
02.2025	SC0473	01	1(8)

## Mack Pinnacle Air Tank Volume

### RECALL INFORMATION

#### Revised 2/11/2025 (Update to Parts, Repair, and Cost Information)

Mack Trucks has determined that the air volume calculation for the system air on certain 2024 and 2025 Pinnacle models, may be below the 12 times combined volume of all service brake chambers, as required per the FMVSS 49 CFR571.121. The risk is a vehicle crash that may result in personal injury.

Mack Trucks has not received warranty claims, field reports, or service reports because of this issue.

To ensure that these vehicles meet Mack's stringent quality requirements, follow the instructions outlined below to replace a 35-liter tank with a 45-liter air tank to increase overall volume and meet FMVSS 121 requirements.

### VEHICLES AFFECTED

Certain Mack Pinnacle model vehicles manufactured between December 21, 2023, and December 18, 2024.

### VEHICLE QUANTITY

There are 21 vehicles affected by this recall. (ALL US)

### Parts Information

ONLY one air tank can be ordered per truck. Before ordering the replacement air tank, please determine if the truck has painted or polished air tanks and use the applicable part number below. Order all parts through Parts LinQ.

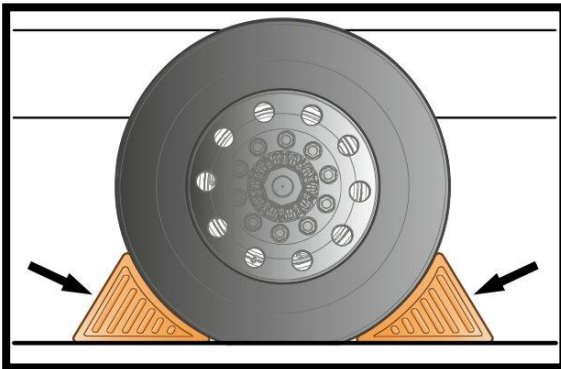
Parts Description	Part Number	Quantity
Paintable Air Tank	22945842	1
Polished Air Tank	22945844	1

### Painting Information (Only for trucks with painted tanks)

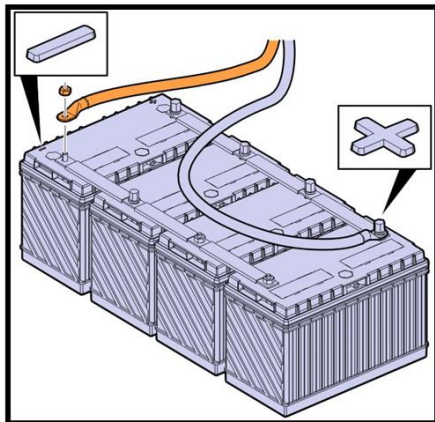
Paintable tank P/N 22945842 will need to be prepped and painted to match the removed air tank. One hour of labor has been provided to do so. Please add prep and paint supply cost to "Other Cost" in the warranty claim. Reasonable amounts will be approved.

### Repair Instructions

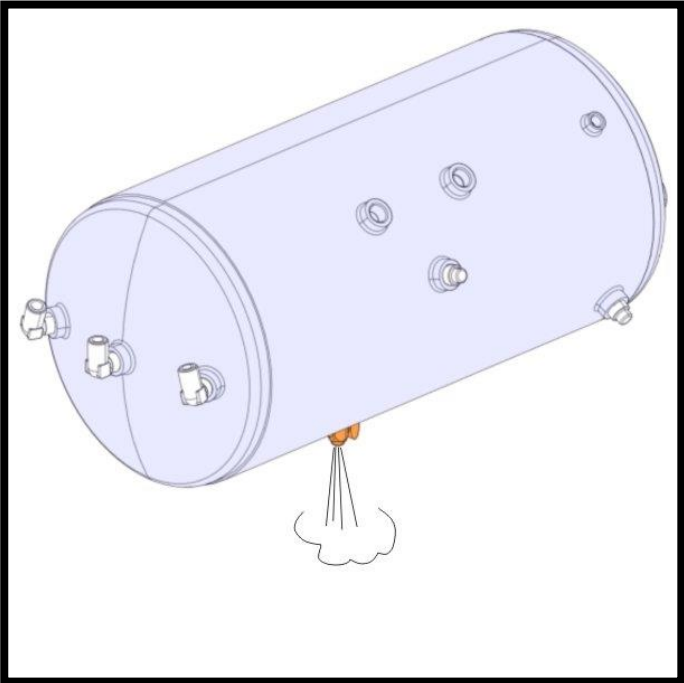
1. Park vehicle on level surface.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Turn off ignition.
5. Install the wheel chocks.



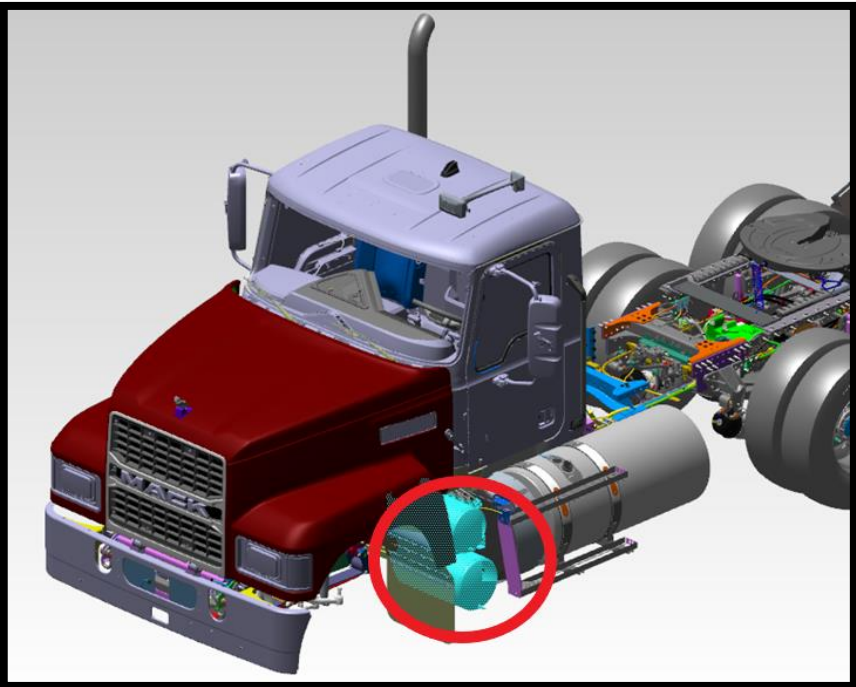
6. Disconnect the cable from the negative terminal.



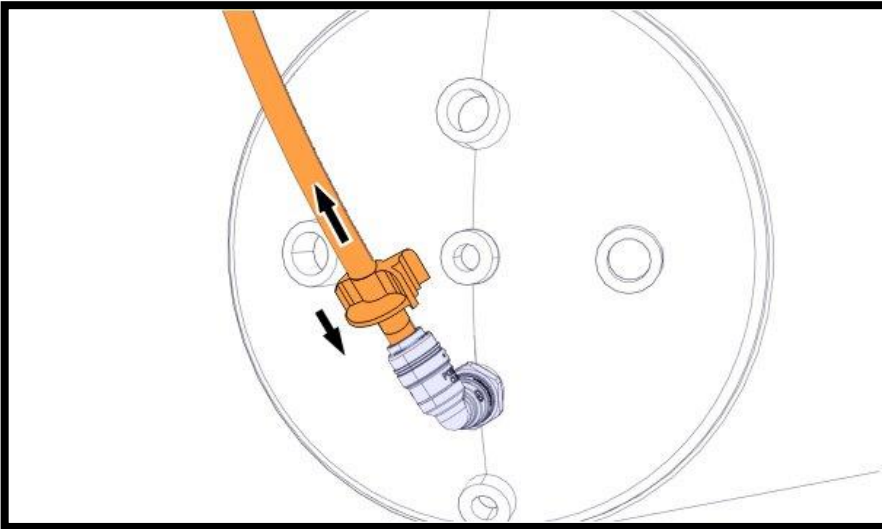
7. Drain the trucks air system.



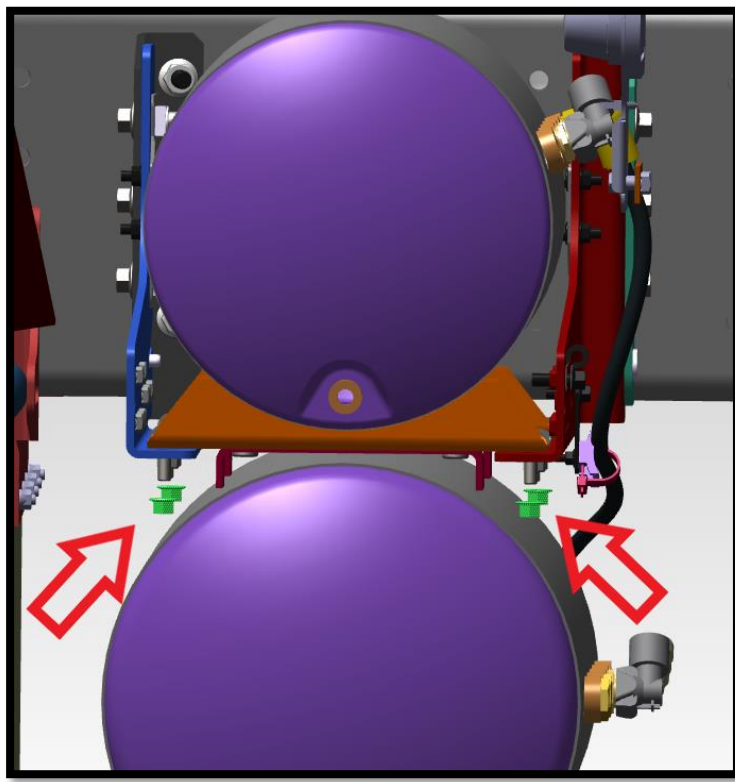
8. Locate the air tanks mounted on the left side of the chassis.



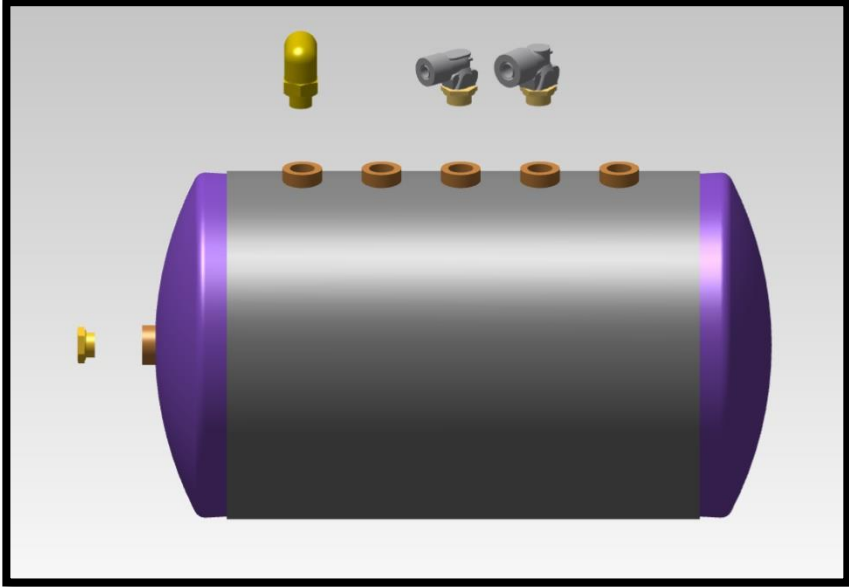
9. Remove all airlines from the top air tank. Refer to Impact document 5650-03-03-01 Air Tank Fitting Replacement for airline removal tool and procedure information.



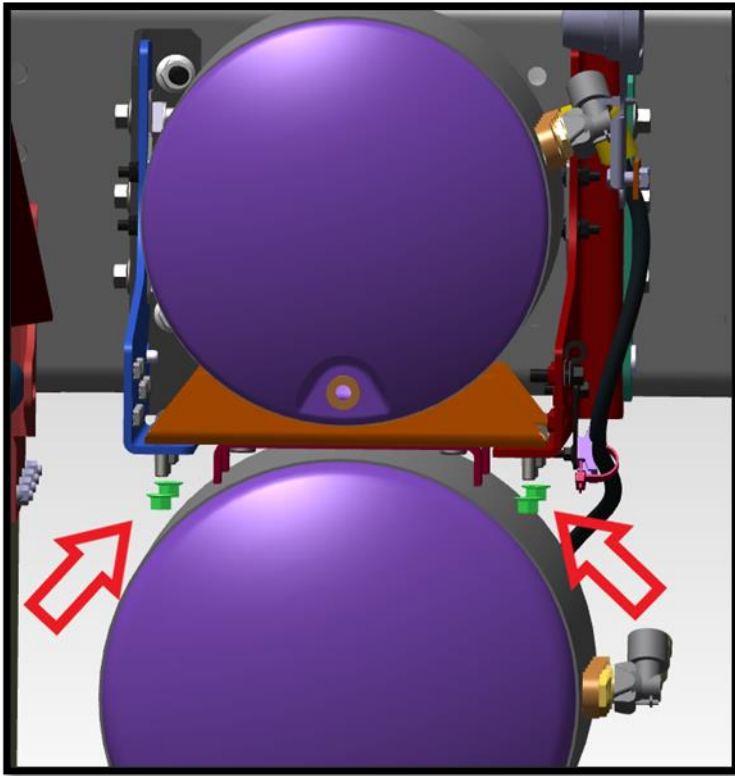
10. Remove tank mounting hardware and remove air tank.



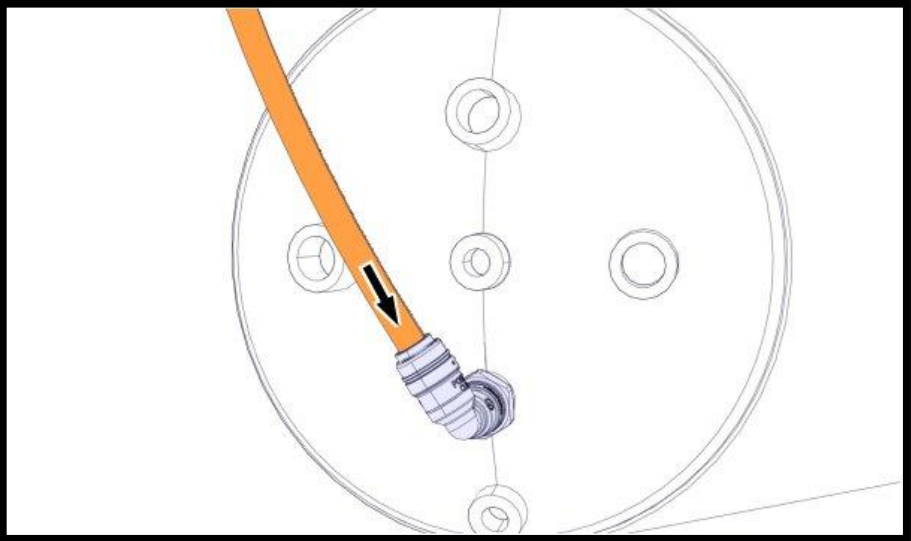
11. Transfer all fittings and plugs from removed tank to new tank (P/N 22945842). Refer to Impact document 5650-03-03-01 Air Tank Fitting Replacement for removal/install procedure and torque information.



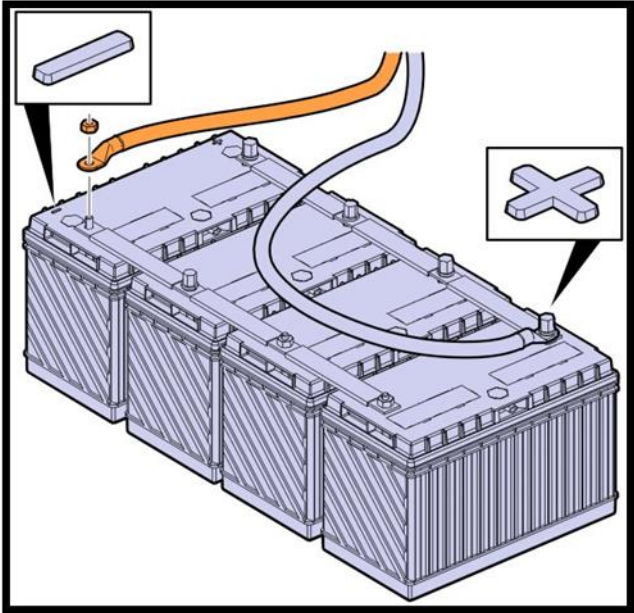
12. Install new tank, reuse mounting hardware. Torque the nuts to  $48 \pm 8$  Nm ( $35 \pm 6$  ft-lb).



13. Install all removed airlines.



14. Connect cable to the negative terminal.



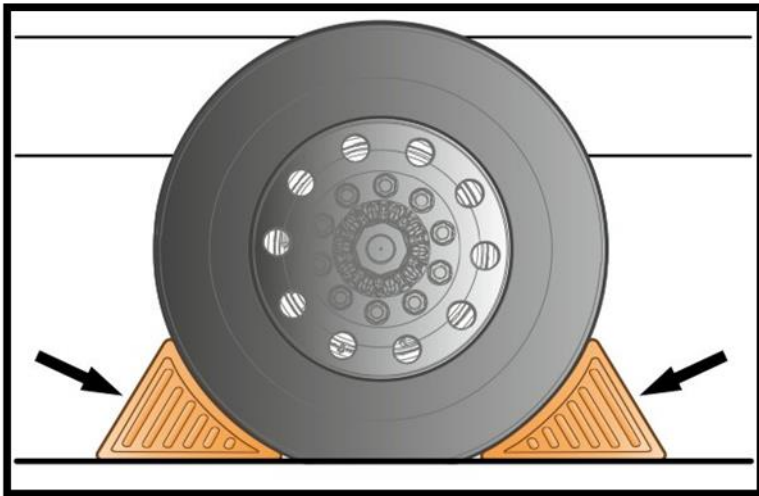
15. Start the engine.

16. Idle engine until the pneumatic system is at operational pressure.

<b>Important Note</b>
The pneumatic system is full when the compressor unloads.

17. Check air system for leaks.

18. Remove wheel chocks.



19. Release truck.

**REIMBURSEMENT**

<b>This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.</b>	
	<b>UCHP 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>	
5621-03-02-01 Air Tank Replacement	0.8
<b>For Painted Tanks Only (Labor to Paint Tank)</b>	
1720-16-09-01 Campaign General (0.1x10)	1.0
<b>Paint Supply Cost</b>	
Please add prep and paint supply cost to "Other Cost" in the warranty claim. Reasonable amounts will be approved.	
<b>Causal Part</b>	22945828
<b>Authorization Number</b>	C0438

**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, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.