

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

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)

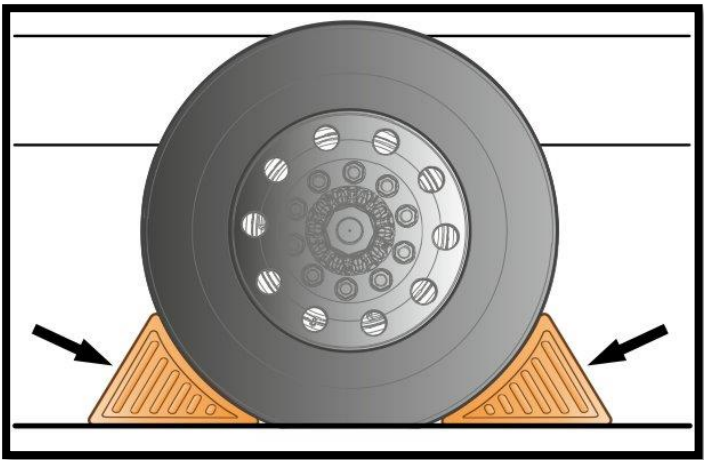
Parts Information

Order all part though Parts LinQ.

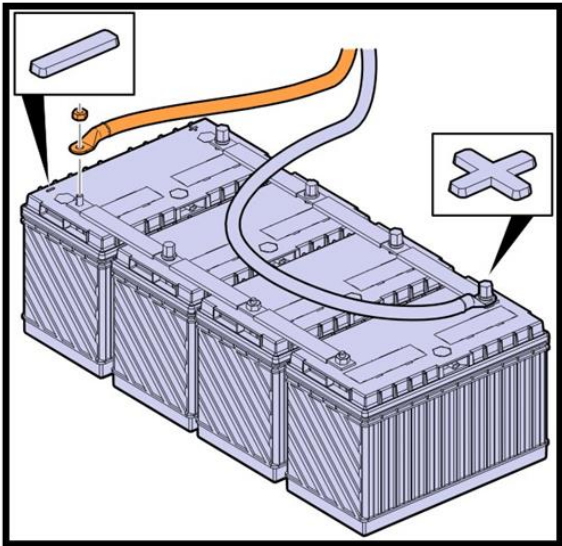
Parts Description	Part Number	Quantity
Air Tank	22945842	1

Repair Instructions

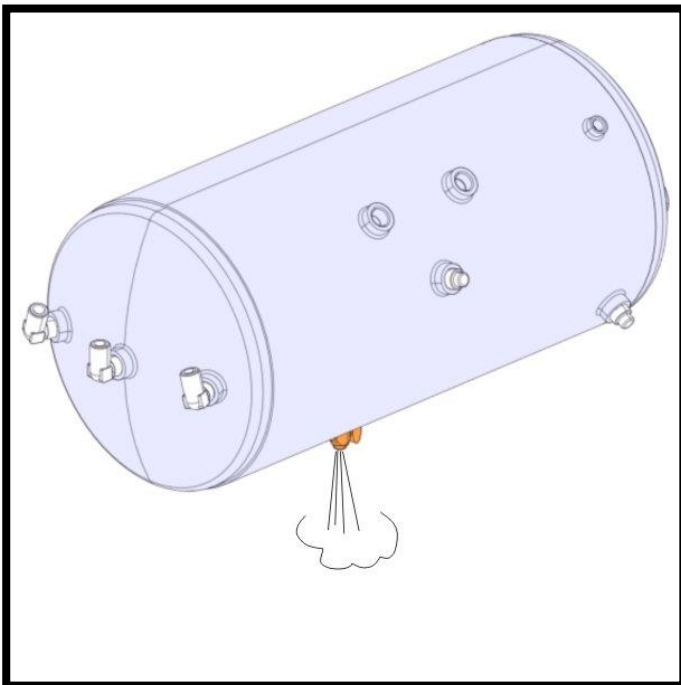
1. Park vehicle on level surface.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Turn off ignition.
5. Install the wheel chocks.



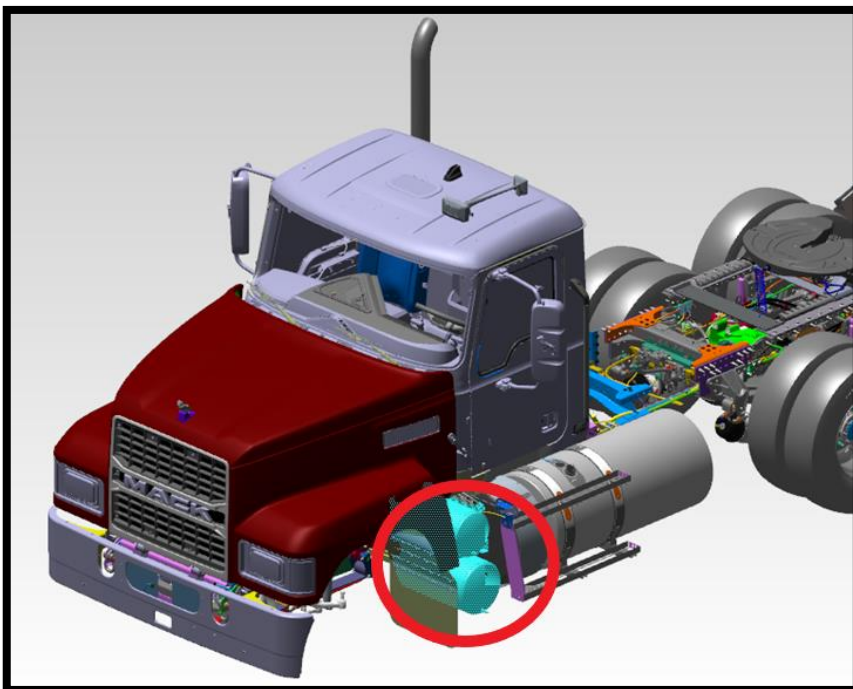
6. Disconnect the cable from the negative terminal.



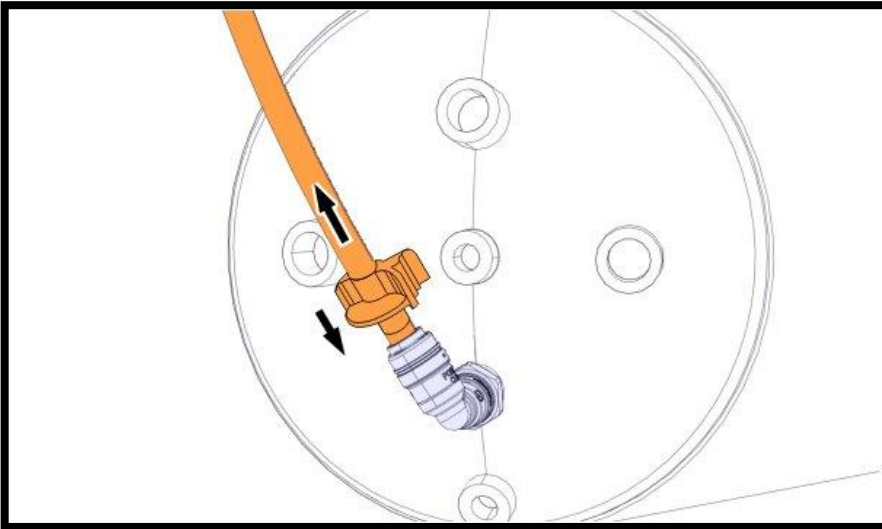
7. Drain the trucks air system.



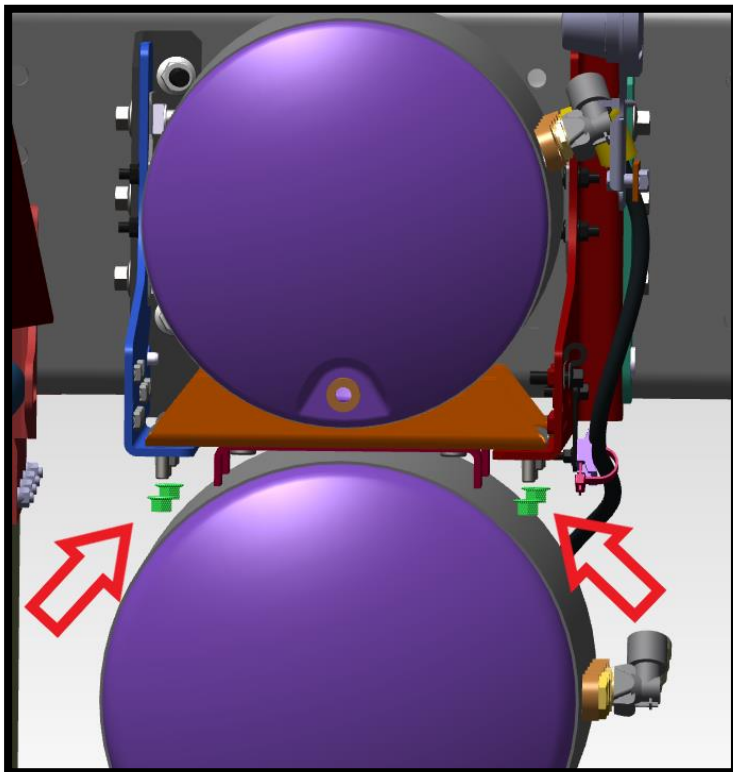
8. Locate the air tanks mounted on the left side of the chassis.



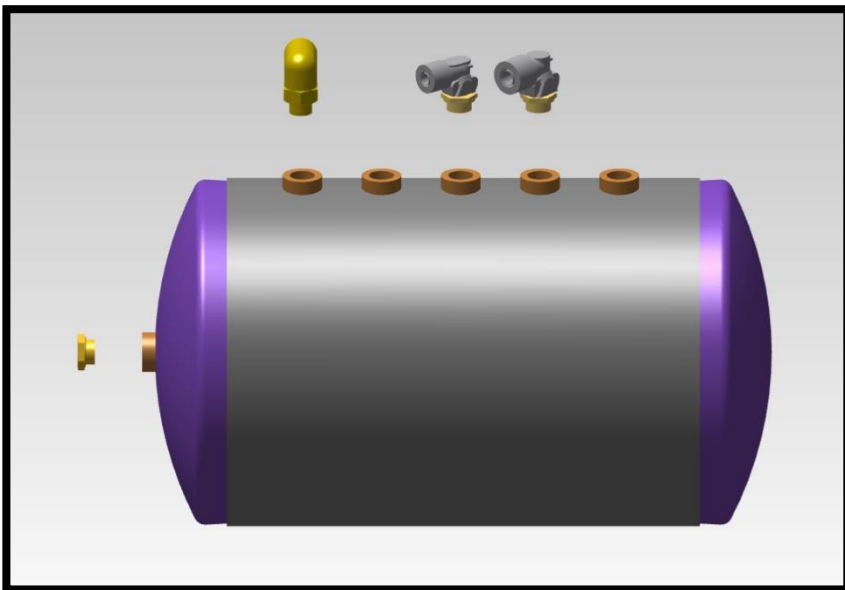
9. Remove all airlines from the top air tank. Refer to Impact document 5650-03-03-01 Air Tank Fitting Replacement for airline removal tool and procedure information.



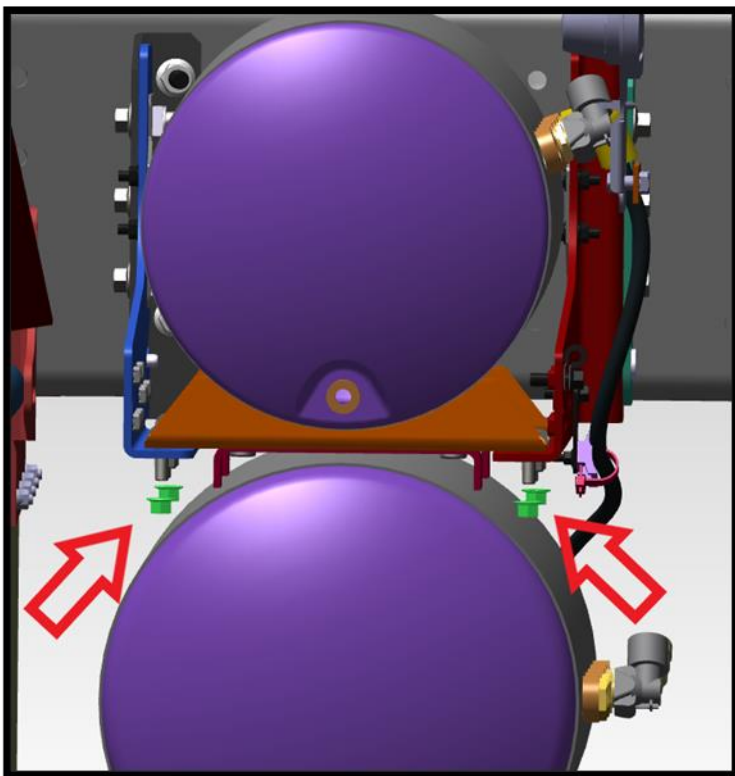
10. Remove tank mounting hardware and remove air tank.



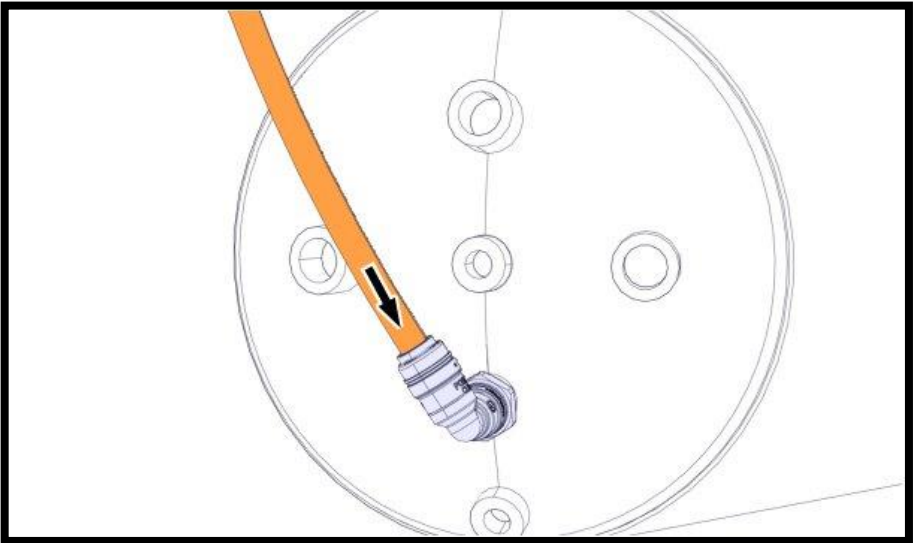
11. Transfer all fittings and plugs from removed tank to new tank (P/N 22945842). Refer to Impact document 5650-03-03-01 Air Tank Fitting Replacement for removal/install procedure and torque information.



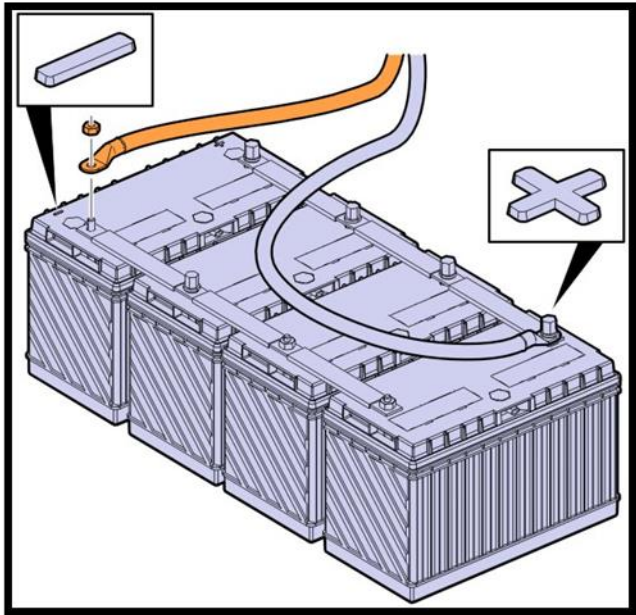
12. Install new tank, reuse mounting hardware. Torque the nuts to 48 ± 8 Nm (35 ± 6 ft-lb).



13. Install all removed airlines.



14. Connect cable to the negative terminal.



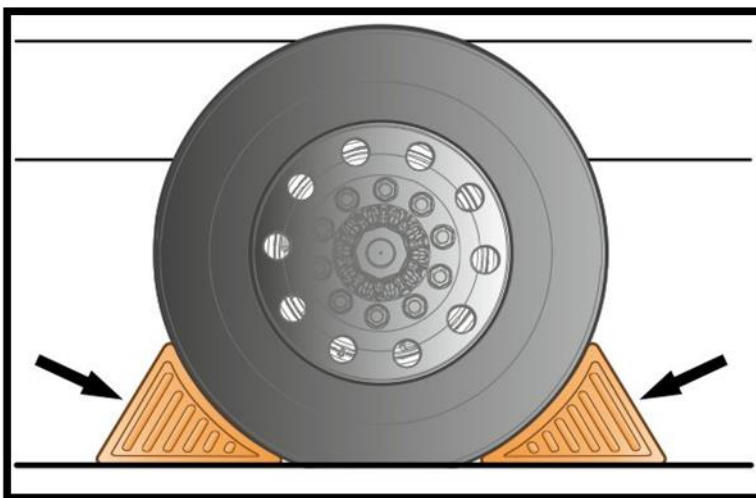
15. Start the engine.

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

Important Note
The pneumatic system is full when the compressor unloads.

17. Check air system for leaks.

18. Remove wheel chocks.



19. Release truck.

REIMBURSEMENT

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.	
	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Business System)	40
Recall Status	
Vehicle repaired per instructions	1-Modified per instructions
Labor Codes	
5621-03-02-01 Air Tank Replacement	0.8
Causal Part	22945828
Authorization Number	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.