

# SAFETY RECALL

**Mack Trucks Inc.**  
Greensboro, NC USA



Date	Number	Release	Page
03.2024	<b>SC0458</b>	<b>01</b>	<b>1(7)</b>

## **Mack Air Tank Volume GR**

### **RECALL INFORMATION**

(March 2024)

Mack Trucks has determined that on certain 2022 to 2024 model year Granite trucks, the air volume calculation for system air is 3% below the FMVSS 121 required "12 times the combined volume of all service brake chambers". 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 add an additional air tank to increase overall volume and meet FMVSS 121 requirements.

### **VEHICLES AFFECTED**

Certain Mack Granite vehicles manufactured between August 18, 2021, and September 18, 2023.

### **VEHICLE QUANTITY**

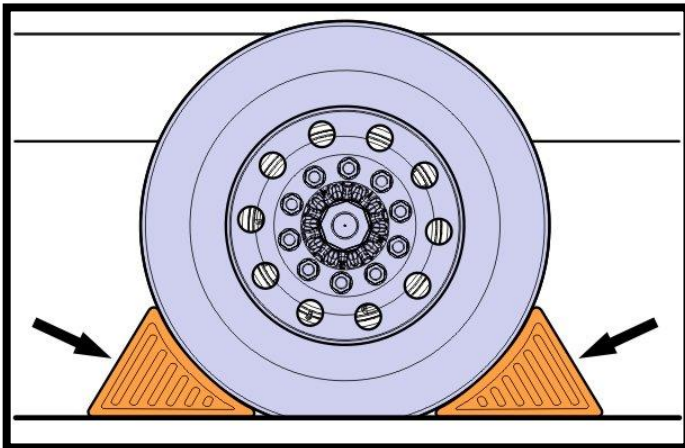
There are 10 vehicles affected by this recall. (10 US)

## Parts

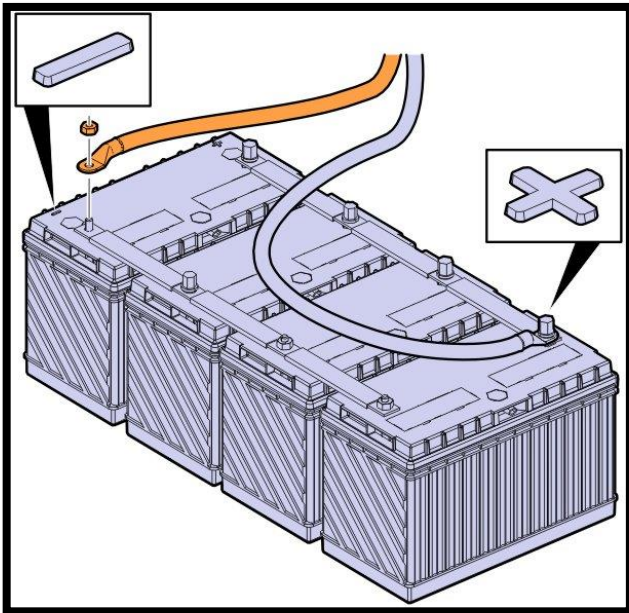
Part Number	Part Description	Quantity
23675317	Air Tank	1
23038158	Drain Valve	1
21292190	Straps	2
60111757	M14 Screw	4
21292188	Bracket	2
990953	M14 Locknut	4
990949	M6 Locknut	4
991084	Swivel M22	1
991965	Elbow Fitting 3/8"	1
991061	Plug	1
992013	F-fitting	As Needed
60110453	Push to connect 3/8"	As Needed
60110388	Push to connect 1/2"	As Needed

## Repair Instructions

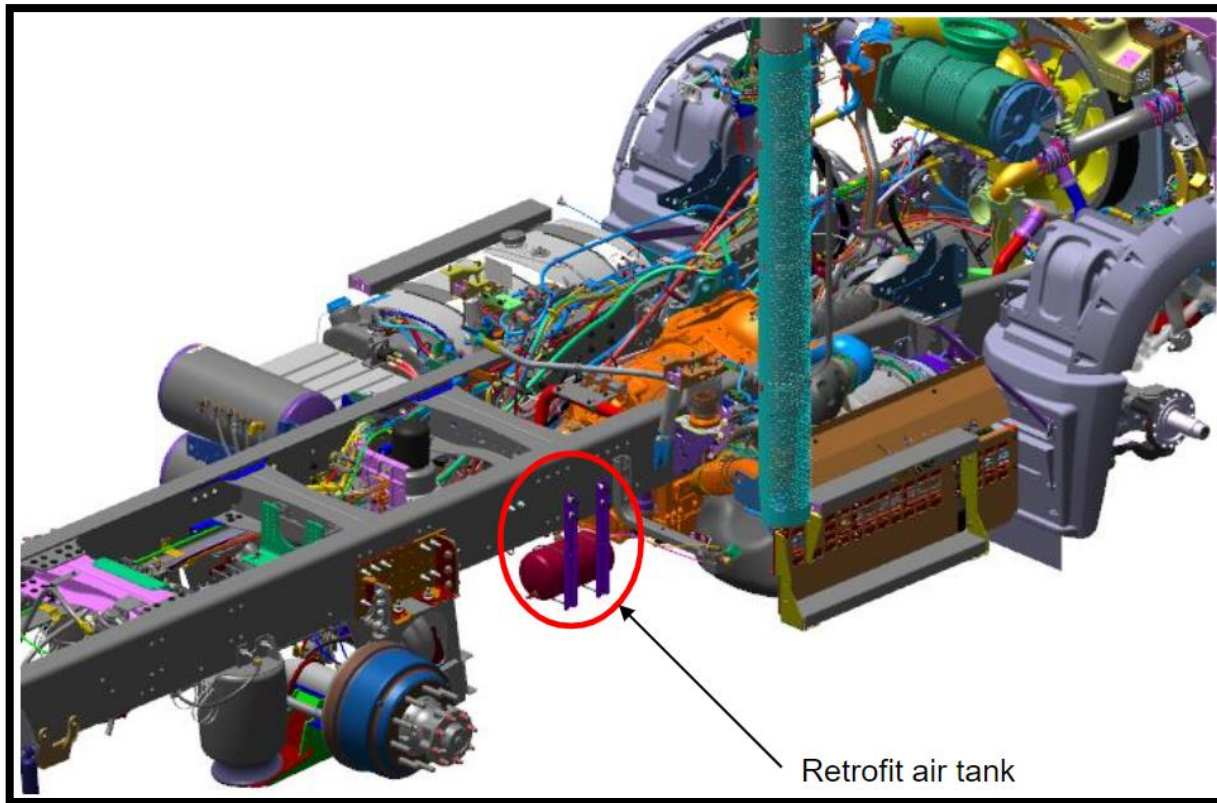
1. Park the vehicle on level surface.
2. Apply the parking brake.
3. Place the gear level in neutral.
4. Install the wheel chocks.



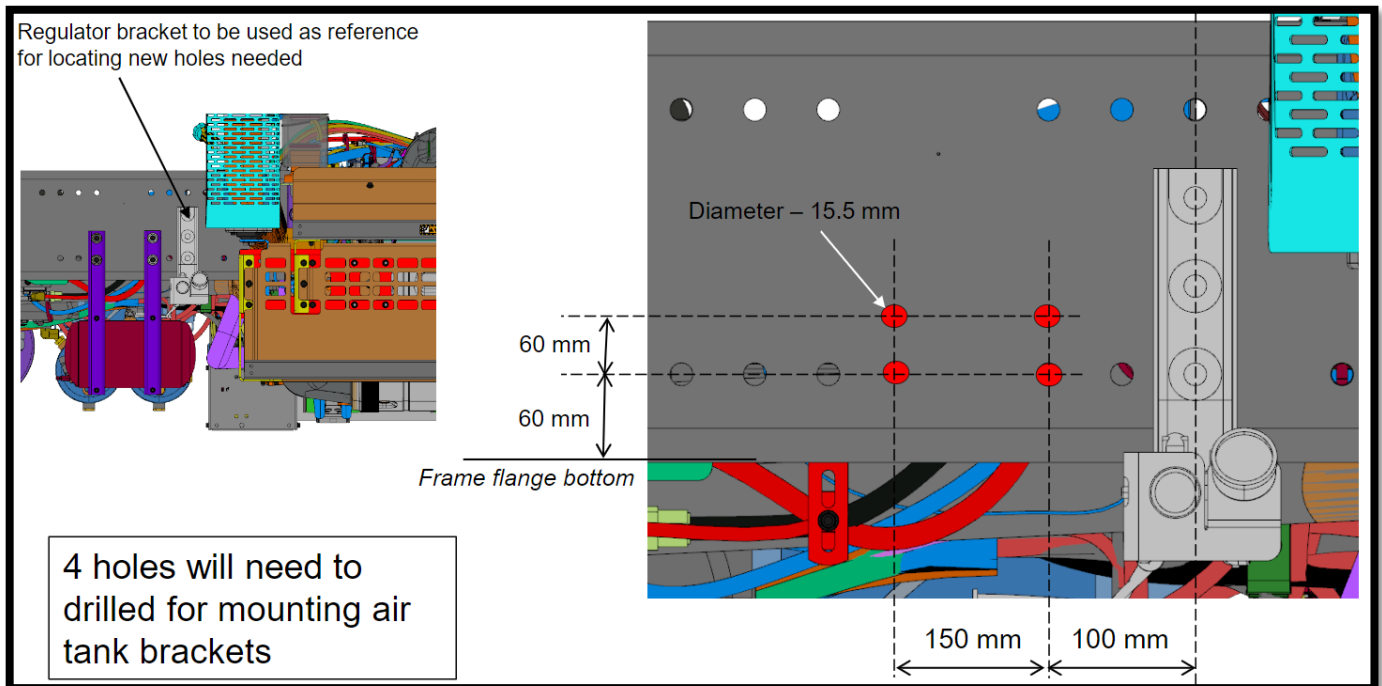
5. Disconnect the cable from the negative terminal.



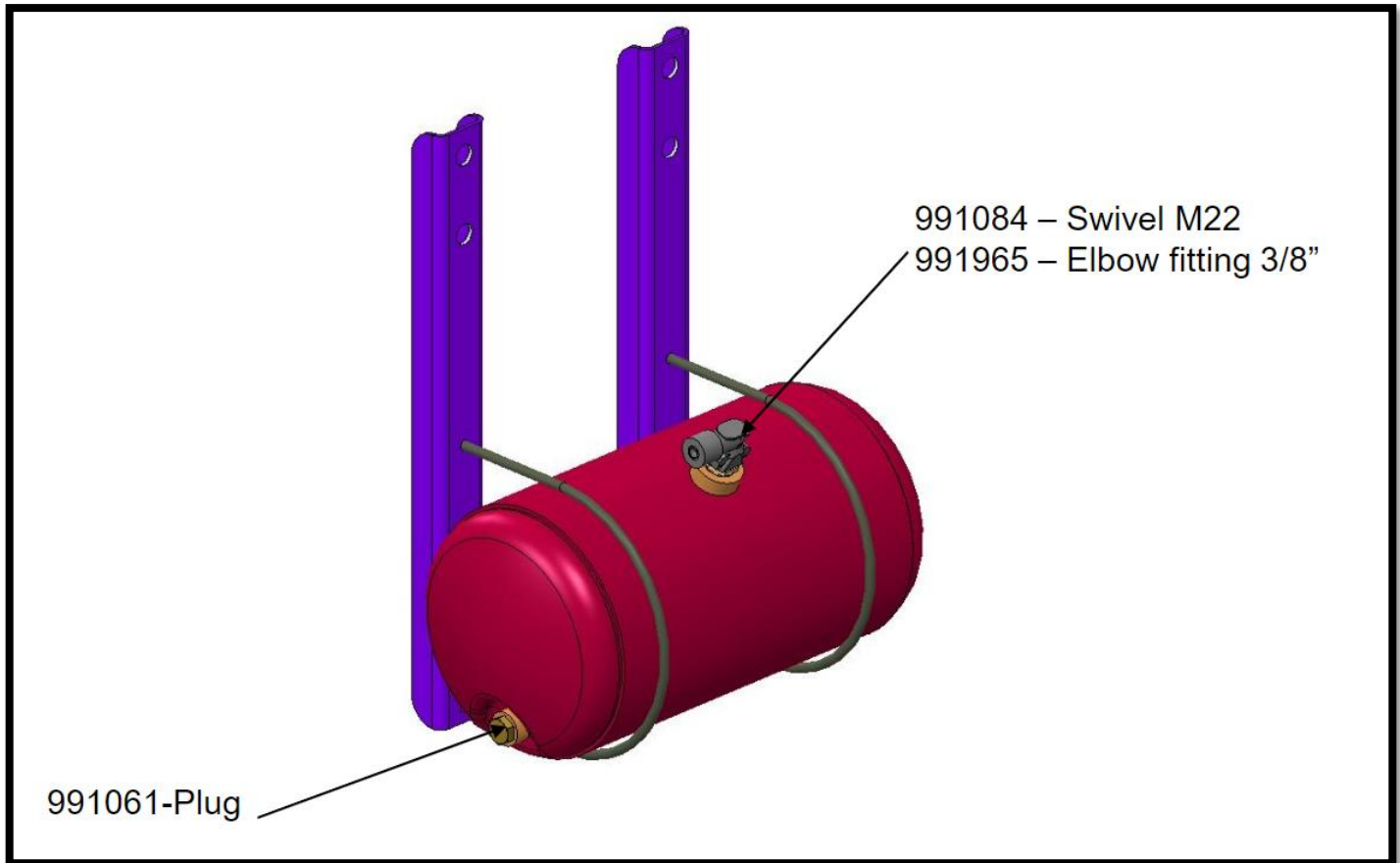
6. The retrofit air tank will be installed on the right-hand side of the truck on the frame.



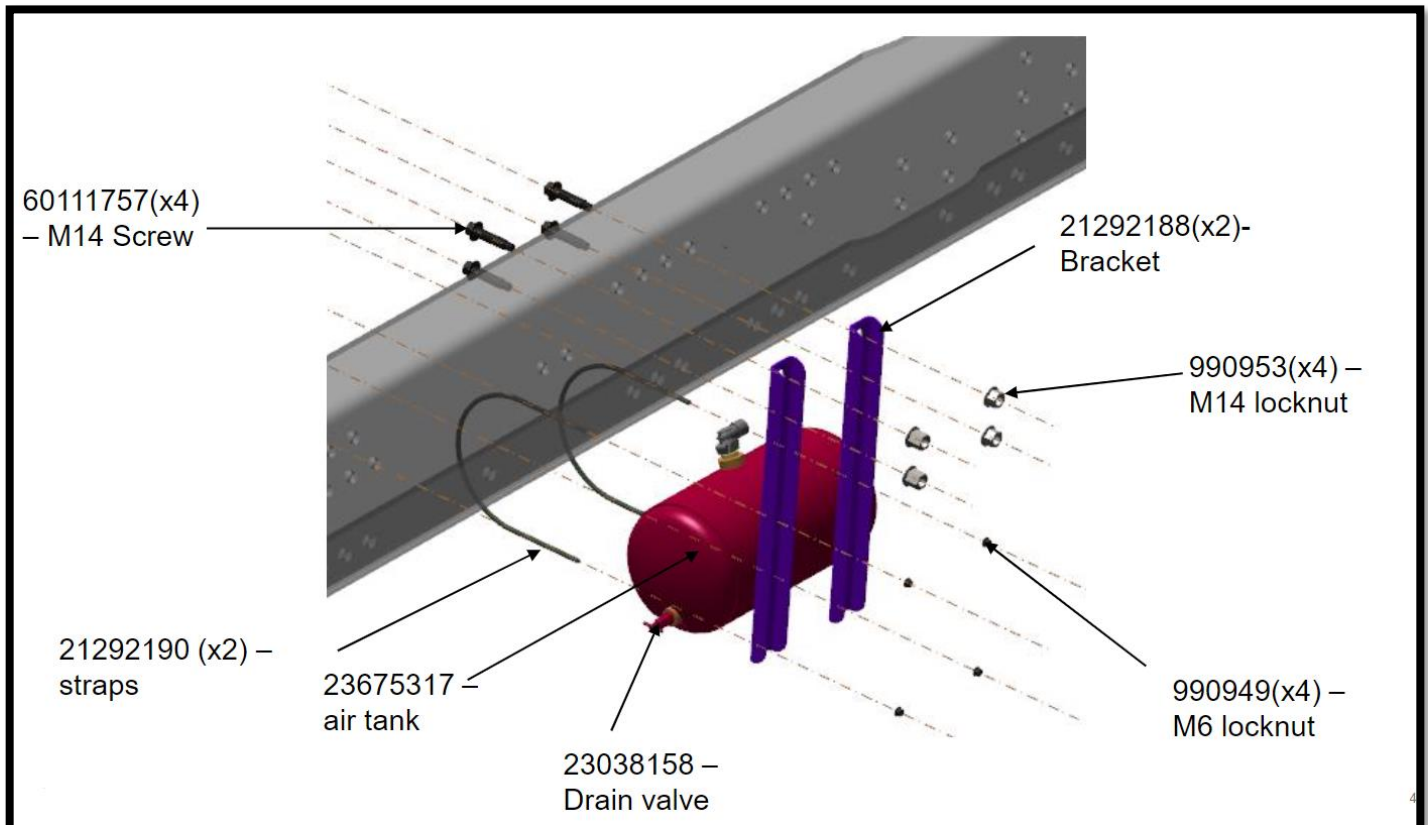
7. Begin by drilling four 15.5mm holes in the frame to mount the air tank brackets. Use the measurements below.



8. Ensure the plug, swivel, and elbow fitting have been installed on the tank prior to mounting it to the frame.

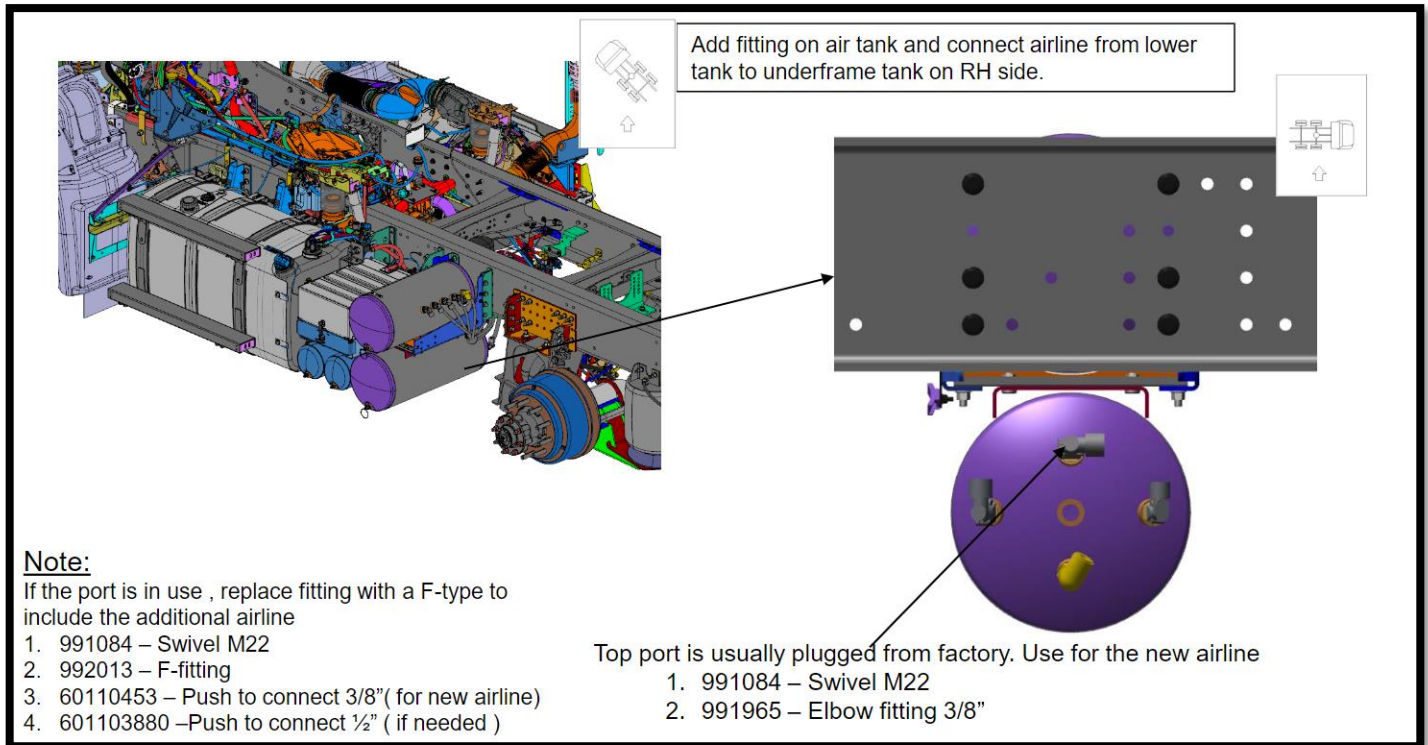


9. Once drilled, install the brackets, air tank, and straps to the frame using appropriate hardware.

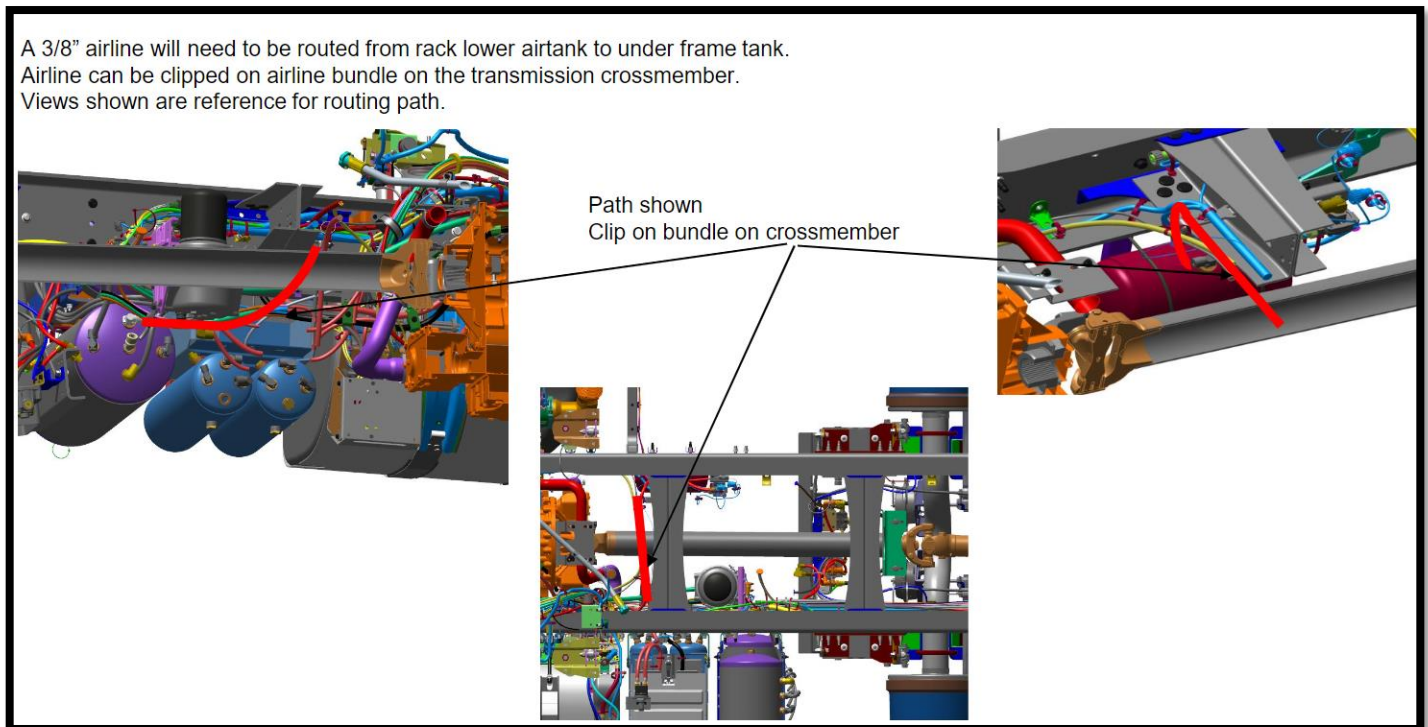




10. Once installed, connect the airline from the lower tank to underframe tank on right-hand side.

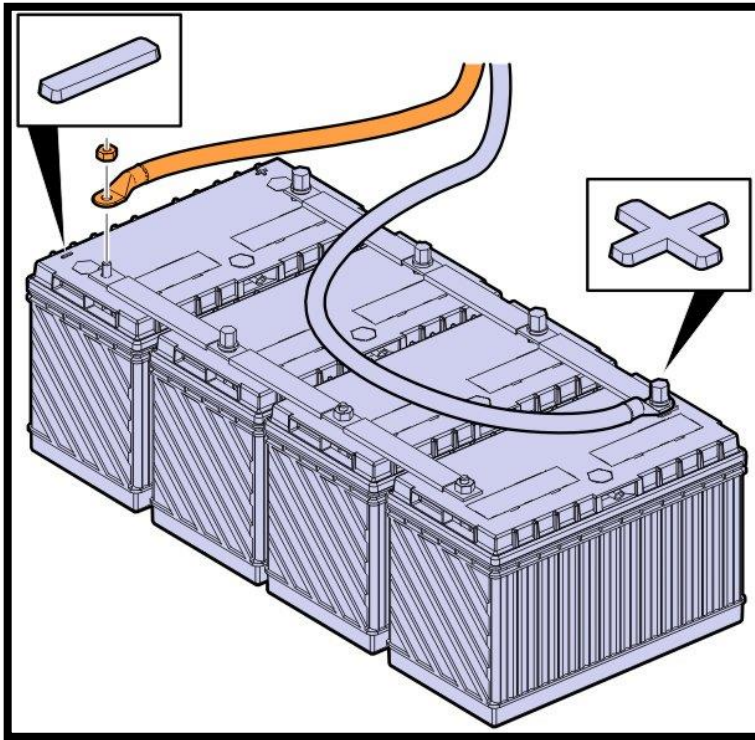


11. Route the 3/8" airline from rack lower air tank to under frame tank. Airline can be clipped on airline bundle on the transmission crossmember.

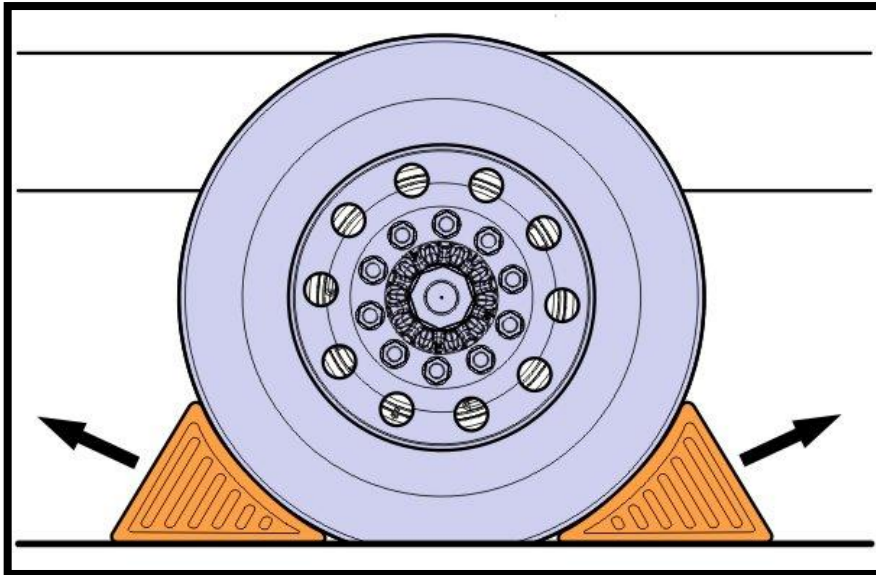


12. Once installation is completed, check system for any leaks.

13. Reconnect cable to negative terminal.



14. Remove wheel chocks.



15. Return vehicle to service.

**REIMBURSEMENT**

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.	
	<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>	
1720-16-09-01 Campaign, General (0.1 x 12)	1.2 hrs.
<b>Causal Part</b>	23675317
<b>Authorization Number</b>	C0350

**Note:** Dealers or the designated representatives are to perform Safety Recall 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 that 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.