



PROTERRA



TECHNICAL SERVICE BULLETIN

ISSUE DATE:	7/26/2022
SERVICE BULLETIN SUBJECT:	CityLink Fire Suppression Bottle Orientation Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-22-94
LABOR OPERATION CODE:	JB45Z

NOTICE! It is expected that this process may require up to one hour per bus. Please schedule appropriately to minimize vehicle downtime.

CITYLINK FIRE SUPPRESSION BOTTLE ORIENTATION RETROFIT

Description

This procedure describes the addition of a fitting to the fire suppression system to better secure the discharge hose.

Tools/Parts Required

Tools and Supplies Required:

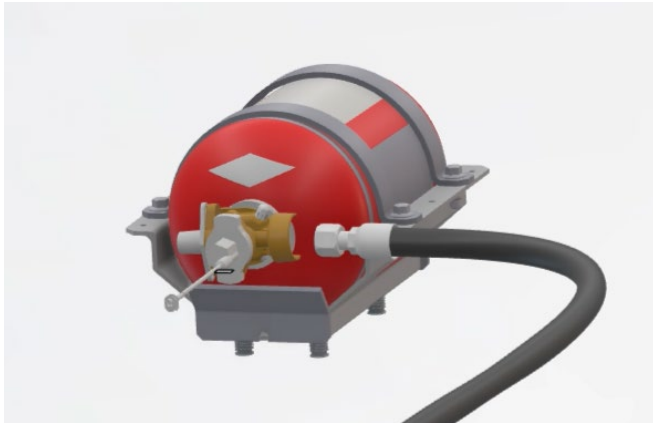
- 1-5/16 Inch Combination Wrench
- 1-1/4 Inch Combination Wrench
- 1-Inch Combination Wrench
- Ratchet
- 15mm Socket
- Calibrated Torque Wrench
- Orange Torque Stripe Paint

Parts Required:

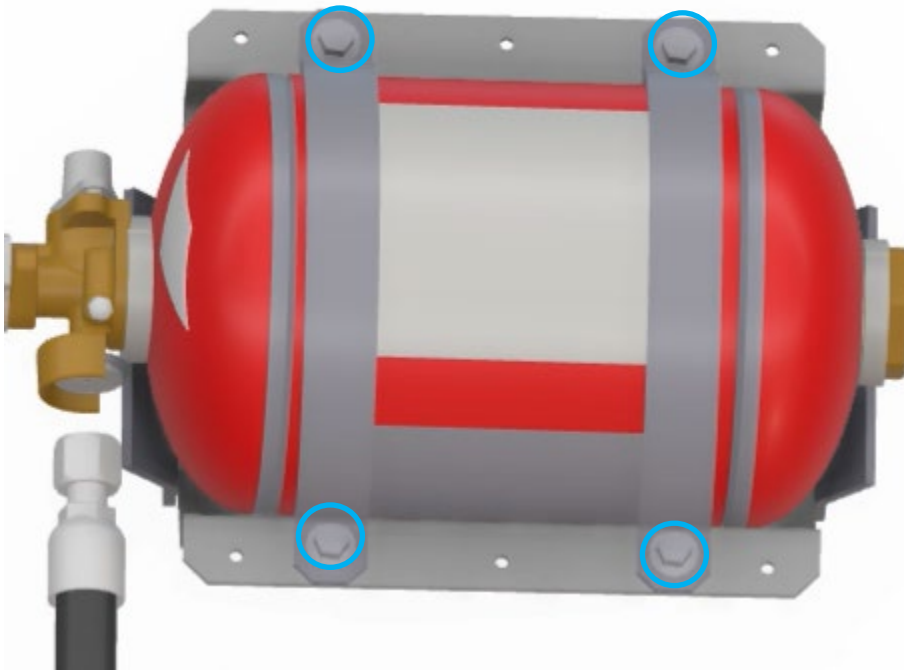
- 030088 FITTING: HYDRAULIC: 0.75" FP-MJ ELBOW 1 EA

Procedure:

1. Follow the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Follow the Proterra and Transit Agency specific procedures to safely work on the rooftop of the bus.
3. Working on the rooftop of the bus, locate the Fire Suppression Bottle.

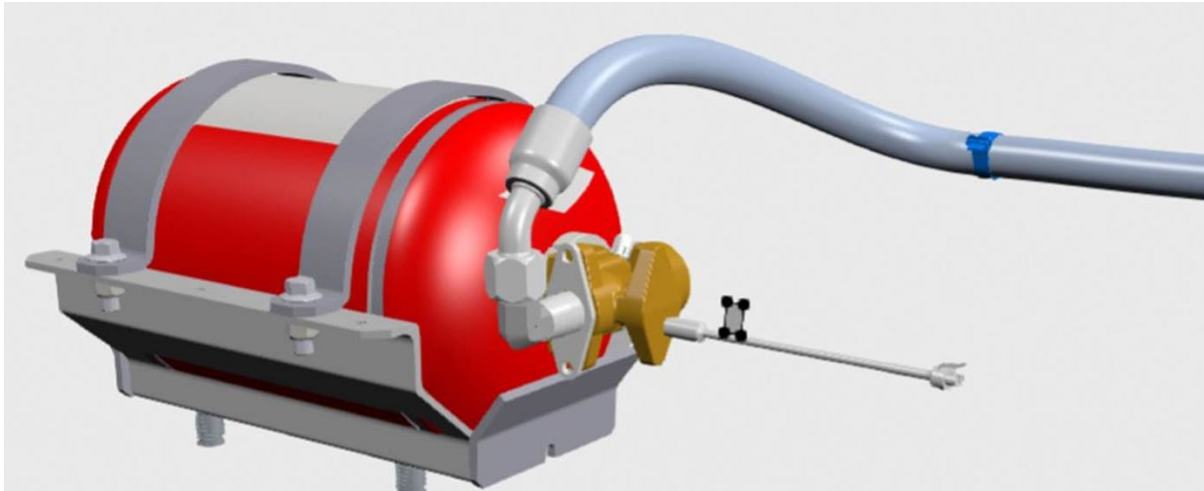


4. Using a 1-1/4 Inch Combination Wrench and a 1-Inch Combination Wrench, disconnect the discharge hose as shown in the previous illustration.
5. Using a 15mm Ratchet/Socket, loosen the four bolts that secure the Fire Suppression Bottle to the bracket. These bolts are shown circled in blue below.



6. Rotate the Fire Suppression Bottle 180 degrees in the bracket.
7. Using a 15mm Ratchet/Socket, tighten the four bolts that were loosened earlier.

8. Using a Calibrated Torque Wrench with a 15mm Socket, **torque the fasteners to 63 foot-pounds.**
9. Using Orange Torque Stripe Paint, mark the properly torqued fasteners.
10. Using a 1-Inch Combination Wrench, install the new 90-degree Fitting (**030088**) into the Fire Suppression Bottle in the same location where the discharge hose was connected.
11. Using a 1-Inch Combination Wrench, **torque the fitting two to three turns past finger tight.**
12. Using a 1-1/4 Inch Combination Wrench and a 1-Inch Combination Wrench, connect the discharge hose to the 90-degree Fitting (**030088**).



13. Using a 1-1/4 Inch Combination Wrench and a 1-Inch Combination Wrench, **torque the 90-Degree Fitting two to three turns past finger tight.**
14. Safely exit the rooftop of the bus.
15. Remove the Lockout/Tagout devices and return the bus to service.