



Spartan Fire, LLC

Campaign Service Bulletin
CSB24-320-001

DATE: 8/28/2024

APPLIES TO: This service bulletin applies to certain model year 2024-2025 FC-94, 2024 Gladiator, and 2025 MetroStar model emergency response chassis cabs, equipped with an IR-2 valve and ESC system built in July 2024.

CONDITION: IR-2 valve may not be plumbed correctly.

CORRECTION: Add fitting and correct plumbing.

LABOR ALLOCATION: 1 hour

CLASSIFICATION: M3

PARTS NEEDED:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	3092-MM5-B06	Male 45 degree elbow
1	0716-MM5-K03	Square head plug
1	0716-MM5-AP02	Union
30 FT	2517-MM5-013	3/8 Red Air Line

GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Fire, LLC. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of specific nature in conjunction with industry standards. Professional Technicians should be appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.

4. On the treadle valve in Port 22 (Secondary delivery) there should be a tee with a plug installed. Remove this plug and install a 45° Fitting with a 3/8 NPT and 3/8 hose port. Refer to Figure 3.1

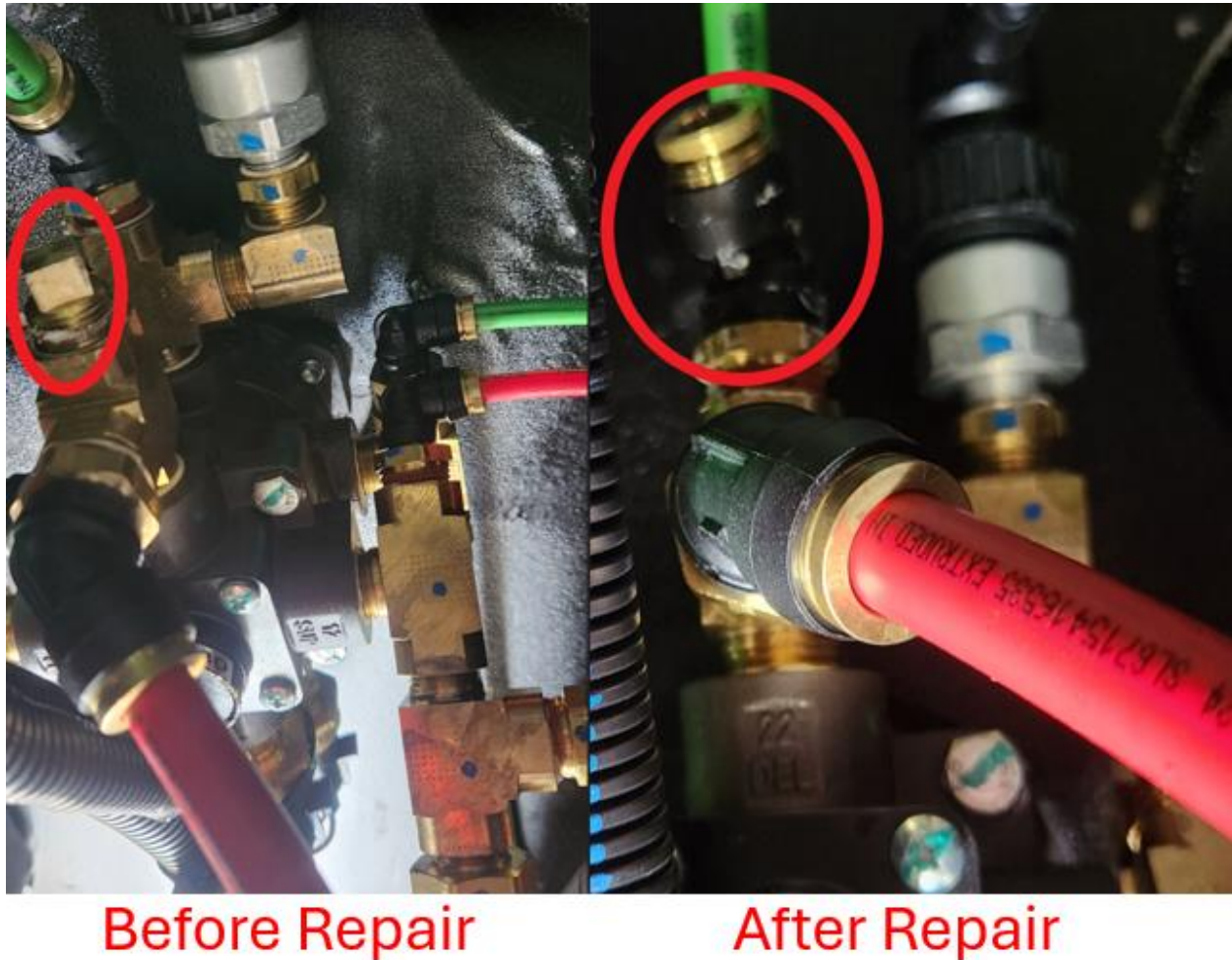


Figure 3.1

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5. Locate the front quick release valve. The quick release valve will be located on the front steering cross member on front spring suspension and NXT suspension. The quick release valve will be located on the suspension cradle on an IFS.
6. Remove the size 6 red air-line and fitting from the quick release valve. Install a plug in the open port on the tee. Refer to Figure 4.1

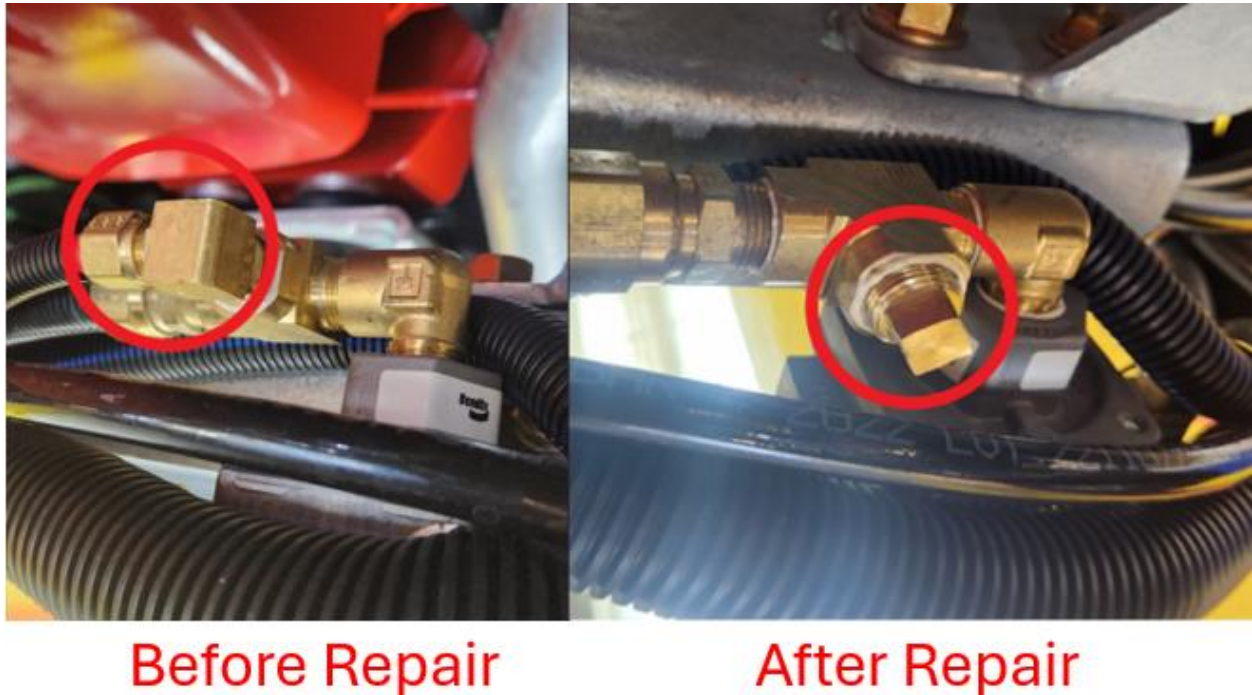


Figure 4.1

4. A 3/8 red air-line needs to be installed from the treadle valve to the IR-2 valve port 42. This can be completed by installing a union on the red line at the quick release valve and adding hose from the union to the fitting at the treadle valve. Alternatively, a new length of hose can be routed from the treadle valve to the IR-2 valve.
5. Fill air system and check for air leaks

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