



# Spartan Fire, LLC

## Technical Service Bulletin

**TSB21-160-001**

**DATE:** 5/5/2021

**APPLIES TO:** This service bulletin applies to 2018 through 2021 Gladiator and Metro Star model emergency response chassis cabs built between October 9, 2019 to February 19, 2021.

**CONDITION:** Heater Hose supply for HVAC used in conjunction with DEF.

**CORRECTION:** Utilize supply port on Engine for HVAC not in conjunction with DEF

**LABOR ALLOCATION:** 2.0 HOURS PER TRUCK

**CLASSIFICATION:** T3

**PARTS NEEDED:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	0716-MM5-RRR03	FTG -80RB X -10BARB, -45
1	TSB21-160-001	INSTRUCTION DOCUMENT

Reference: **S-2752**

**GENERAL INSTRUCTIONS:**

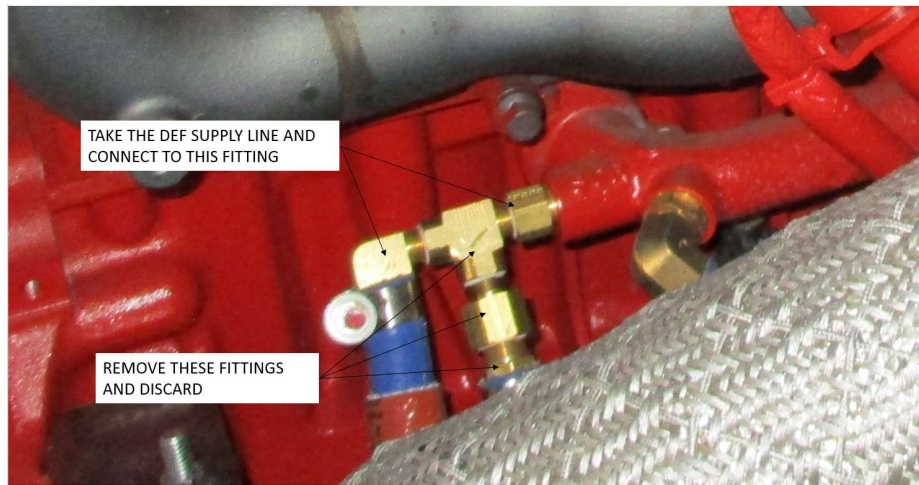
Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Fire, LLC. Customer & Product Support Group.

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.

#### **STEP-BY-STEP INSTRUCTIONS:**

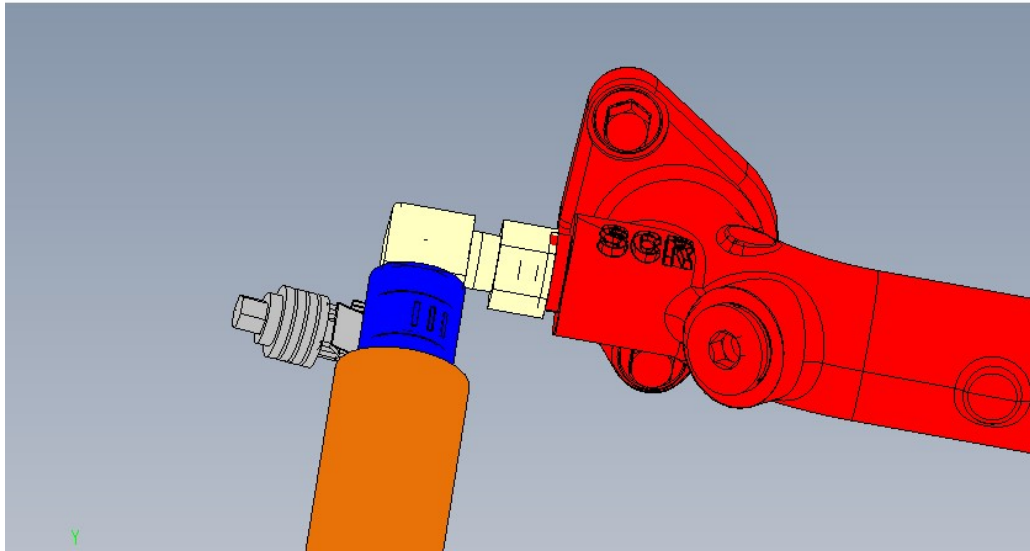
1. Carefully disconnect the supply hose and fittings as shown in picture below and reconnect DEF line. Utilize a pan to catch any fluid that may spill. Save clamps, heater hose, and fire sleeve. *Refer to Figure 2.1*



**FIG. 2.1**

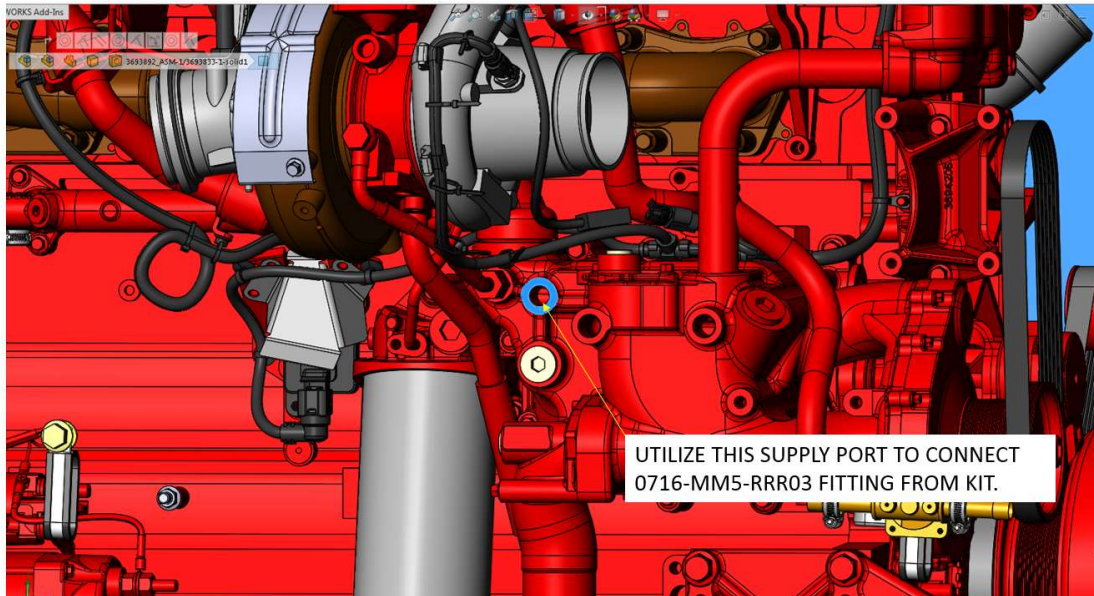
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End result of the DEF line connection should look like Figure 2.2.  
Ensure to torque fittings per 0208-BB1.



**FIG. 2.2**

2. Locate supply port on right side of engine as shown in Figure 3.1.



**FIG 3.1**

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3. Install new fitting 0716-MM5-RRR03 in supply port as shown in Figure 3.2

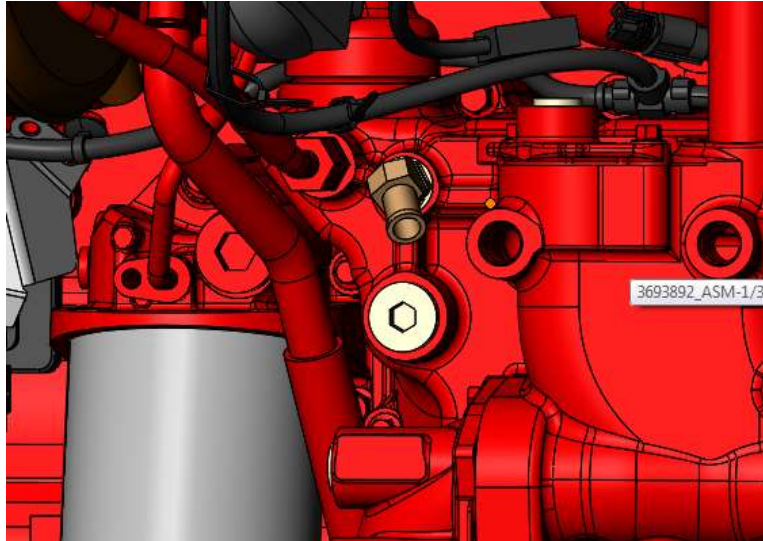


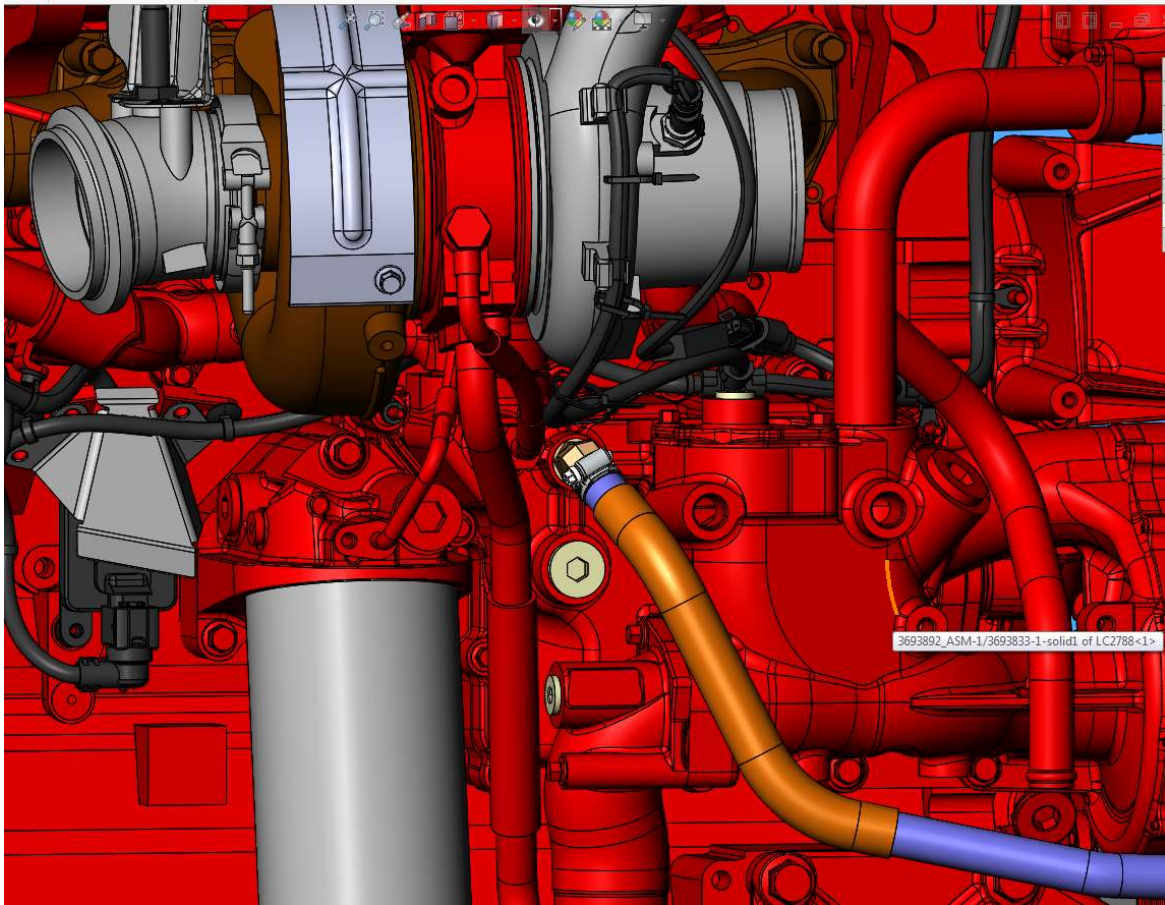
FIG 3.2

4. Utilizing remaining line from step 1, connect heater hose line to 0716-MM5-RRR03. See Figure 4.1.

**\*\*Please note:** To ensure heater hose is not too sloppy remove about 12- 18 inches of hose from open end and slide existing fire sleeve out of the way prior to cutting hose. Then secure heater hose with fire sleeve to fitting with existing 0429-BB1-001 clamp.

**Clamp must be torque to 43-45 IN/LBS.**

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**FIG 4.1**

5. Verify fluid levels are replenished by referring to data tag for fluid capacity.

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