



Spartan Fire, LLC

Technical Service Bulletin
TSB25-210-001

DATE: 3/26/2025

APPLIES TO: This service bulletin applies to certain model year 2021-2024 Gladiator, and 2022-2024 Metro Star model emergency response chassis cabs built between November 2020 and October 2024.

CONDITION: Frame crossmember gussets used in RoadMaxx rear suspension equipped vehicles may experience cracks due to a material deviation by a supplier.

CORRECTION: If cracks are discovered in the crossmember gussets, replace with new gussets.

LABOR ALLOCATION: 8 hours

CLASSIFICATION: V4

PARTS NEEDED:

Gussets – Choose Standard or Galvanized

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
2	3707-CC2-001	Standard Gusset
2	3707-CC2-002	HDG (Hot Dipped Galvanized) Gusset

Crossmember to Gusset Bolts

32	10110175FH8Y	5/8-11 X 1.75LG FLG GR8 Yel
32	1011FLN8Y	5/8-11 FLG LK GR8 Yel

Gusset to Frame Bolts

8	10110225FH8Y	5/8-11 X 1.75LG FLG GR8 Yel
16	10110275FH8Y	5/8-11 X 2.75LG FLG GR8 Yel
24	1011FLN8Y	5/8-11 FLG LK GR8 Yel

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.



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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.

Step By Step Instructions

- 1) Inspect gussets for cracks that connect the double crossmember to the frame rail assembly near front mount of rear suspension as shown in Figure 2.1.

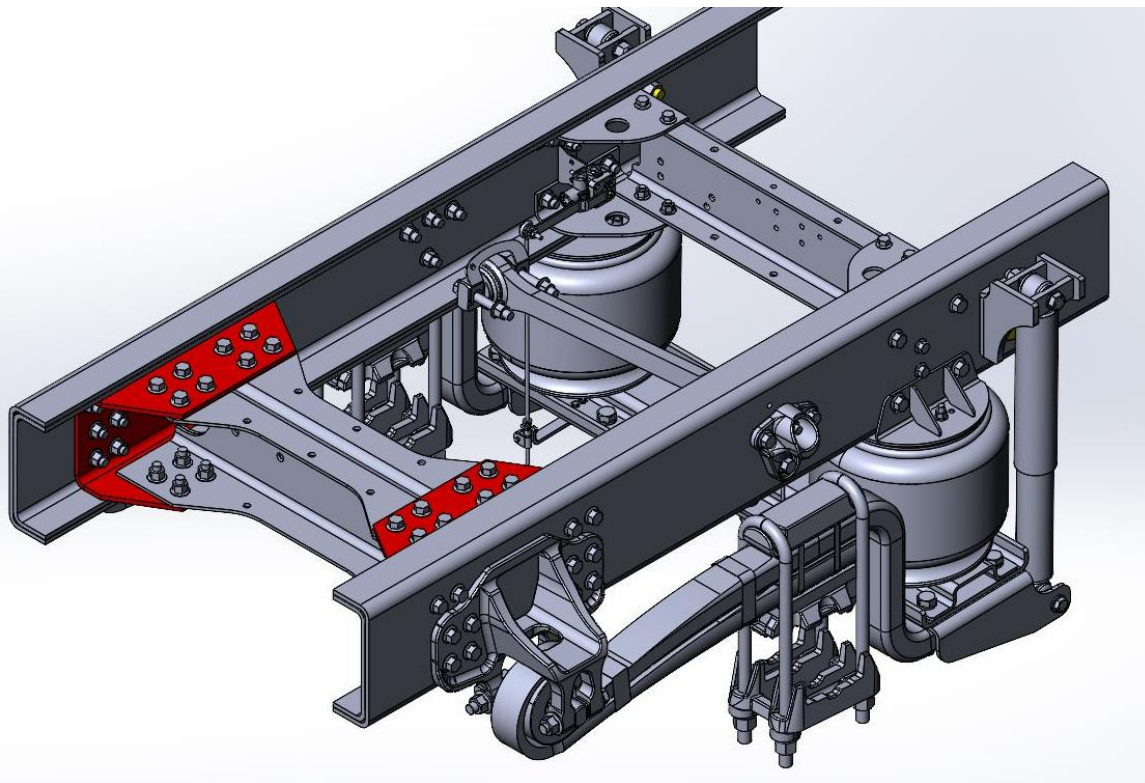


Figure 2.1

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- 2) If cracks are present, proceed with replacement of the gussets.
- 3) Lift and support the chassis frame so that the suspension hanger bolts that pass through the gusset can be removed.
- 4) Remove and replace one gusset at a time to ensure suspension stays in place.
- 5) Install new gussets to frame and crossmember using new fasteners.
- 6) Torque fasteners to specifications listed in Figure 3.1
- 7) Remove chassis supports and lower chassis back down.

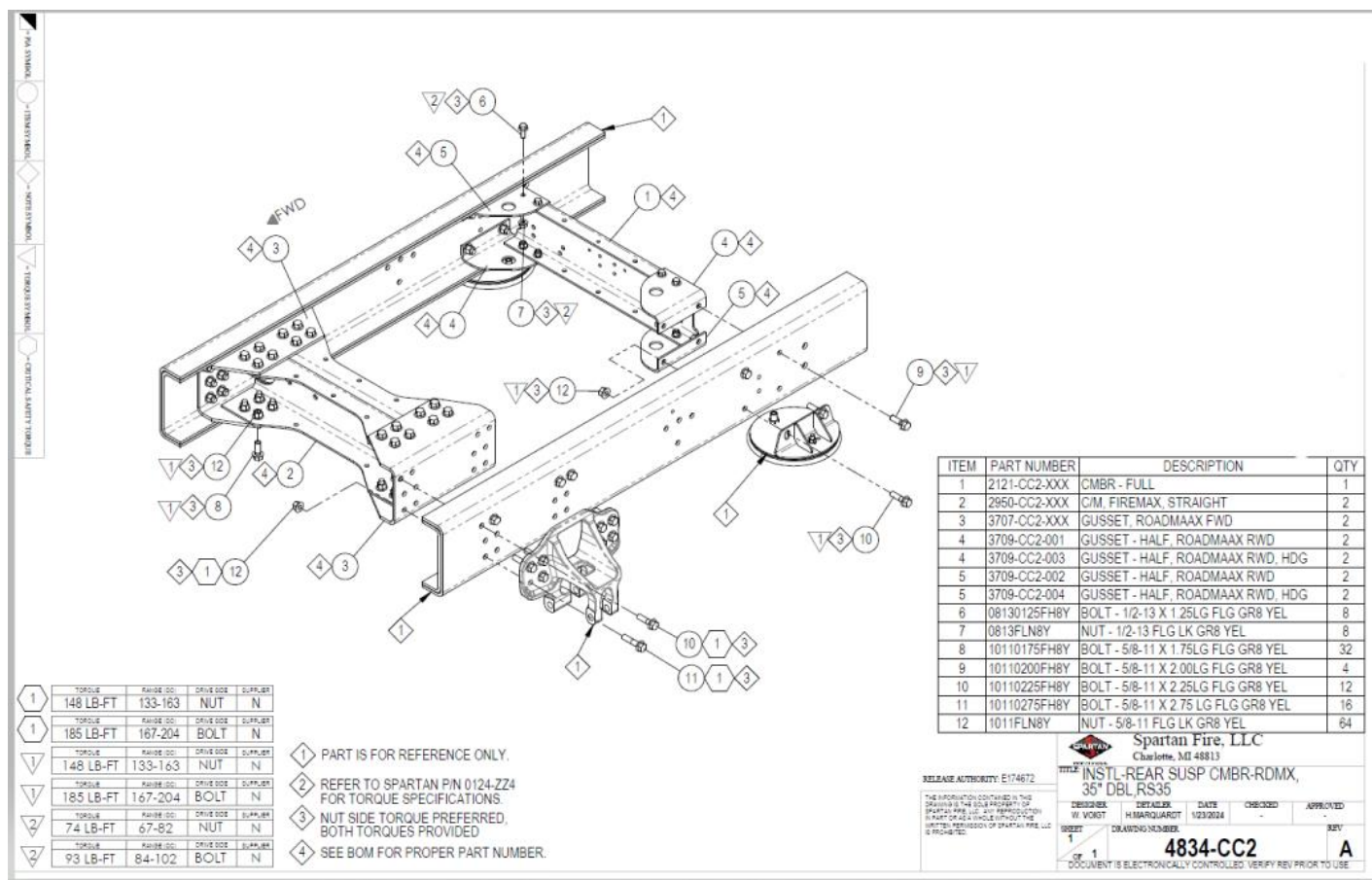


Figure 3.1

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