



Spartan Fire, LLC

Technical Service Bulletin
TSB25-350-001

DATE: 10/2/2025

APPLIES TO: This service bulletin applies to certain model year 2023-2025 Gladiator and Metro Star, 2023 and 2025 KME Panther, and 2024 KME Predator model emergency response chassis cabs built between June 2023 and July 2025.

CONDITION: Certain Hendrickson FireMaax Suspension U-Bolts may stretch from initial factory torque application.

CORRECTION: Re-torque U-bolts to manufacturers specifications

LABOR ALLOCATION: 1 hour

CLASSIFICATION: M2

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.



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Step By Step Instructions

- 1) If U-bolts are suspected of being loose, examine the u-bolts and ensure they are seated properly in the channels of the top pad before continuing with the retorque procedure.
See Figure 2.1

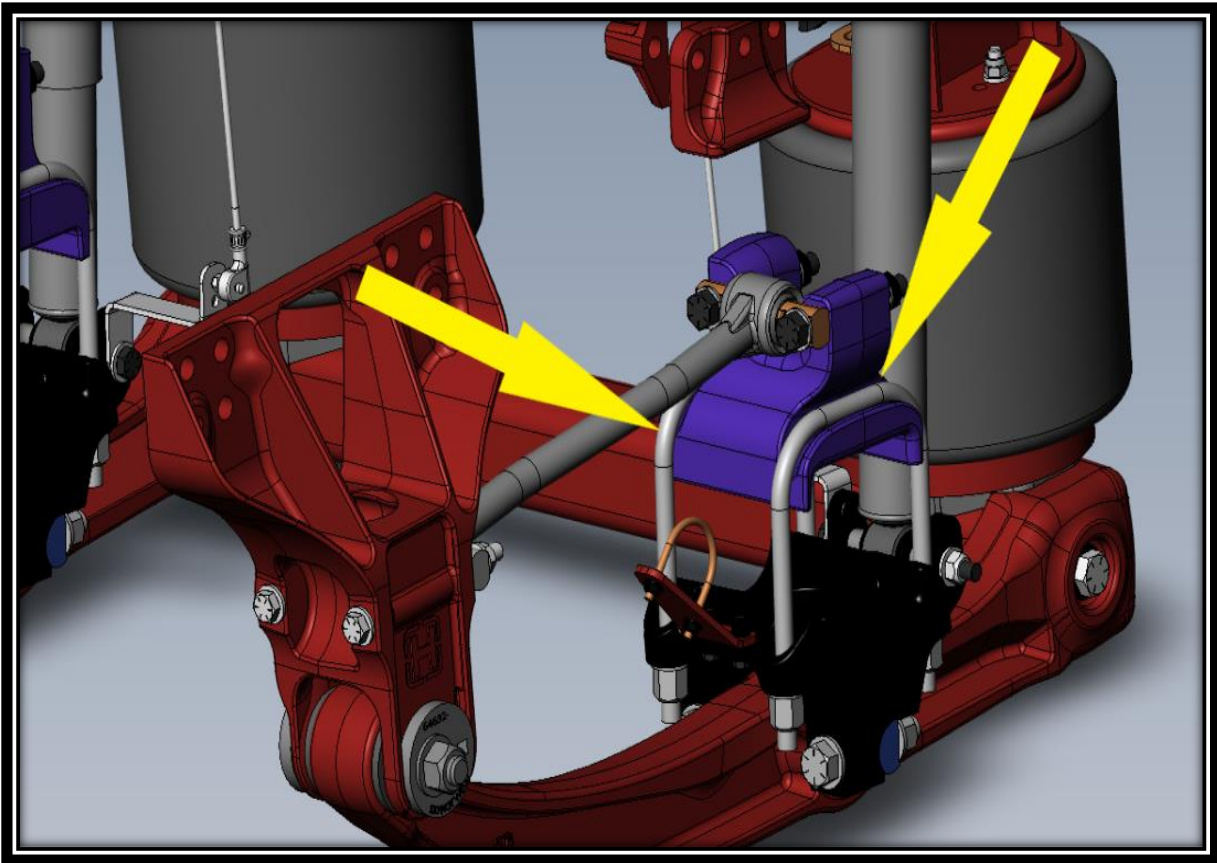


Figure 2.1

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- 2) Tighten the U-bolt nuts to 400 ft. lbs in the crisscross torque pattern shown in Figure 2.2

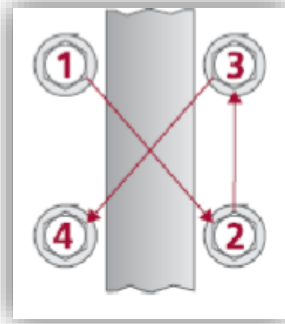


Figure 2.2

- 3) Using a dead blow mallet, rap the top of the U-bolts to seat the U-bolts.
- 4) Perform a final tightening of the U-bolt nuts to the final torque of 400 ft. lbs. following the crisscross pattern again, shown in Figure 2.2.

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