



# Recall Service Bulletin



## Recall Service Bulletin RSB23-650-001

- DATE:** 7/11/2023
- APPLIES TO:** This service bulletin applies to certain 2018 through 2021 model year, Gladiator and Metro Star model emergency response pumpers built between November 2017 and October 2021.
- NHTSA/TC Id:** 23V-389
- CONDITION:** The retaining pin on the hoist ring hinge pin may not be in place and could allow the hinge pin to come out during unloaded condition.
- CORRECTION:** Inspect the hoist ring hinge pins and replace as necessary.
- LABOR ALLOCATION:** 0.5 hour per hoist ring
- CLASSIFICATION:** V3

### **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.

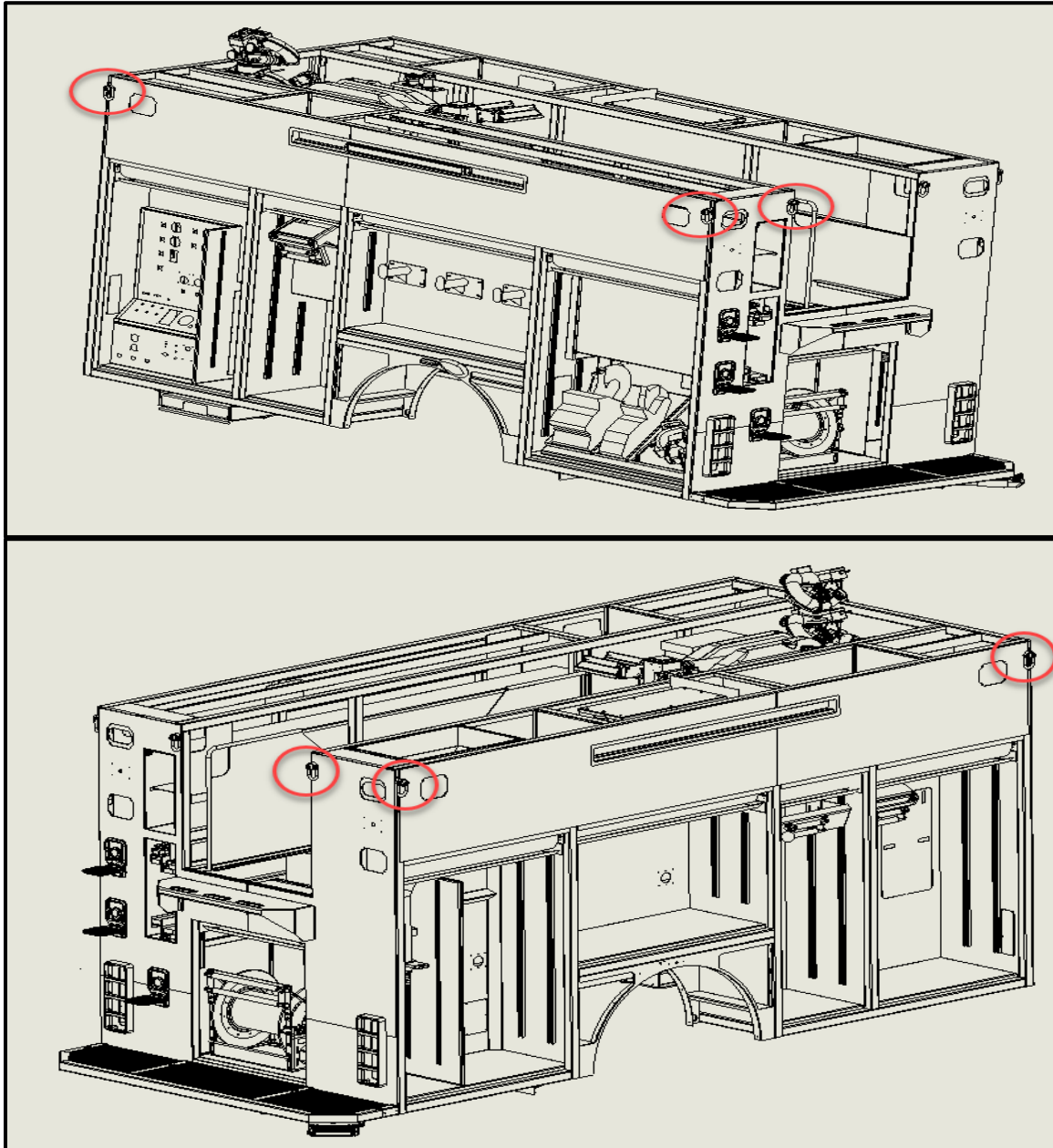


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Hoist rings may be found at these potential locations.  
*(Not all lift points shown below are used on every truck)*



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<b><u>INSPECTION NOTICE</u></b>			
<b>USERS OF THE BELOW CROSBY PRODUCT:</b>			
Description	Stock Numbers	Production Identification Codes (PICs) found on body	Shipment Dates
HR-125/125M Frame 2 Hoist Ring	1016624, 1016635, 1016644, 1016909, 1016912, 1016920, 1016924, 1016931, 1016935	7S*, 7U*, 7V*, and 7Y*	2017 2018 2019 2022
HR-125/125M Frame 3 Hoist Ring	1016657, 1016668, 1016942, 1016946, 1016953, 1016957, 1016964, 1016969		
* Designates all production runs of year			
<b>PLEASE CAREFULLY REVIEW AND ACT UPON THE FOLLOWING INSTRUCTIONS.</b>			

May 2023

Dear Valued Crosby Business Partner:

THE CROSBY GROUP has been made aware of a few instances of hoist rings from the above listing that have an important assembly component missing. In those instances, the retaining pins used to secure the hinge pins were not in place and allowed a hinge pin to come out during unloaded condition. Internal testing has confirmed that these hoist rings can sustain the working load limit with only one hinge pin in place. **However, Crosby recommends the above listed hoist rings be immediately inspected to confirm the retaining pins are in place.** The inspection is simple and can be completed quickly with the hoist rings installed and unloaded.

This safety notice is for your awareness since our records do not indicate you were shipped these products. Business partners specifically impacted during this time frame will be contacted directly with their specific shipment information.

In the event you do have any of the above listed products with the listed production identification codes (PICs), we request you perform the inspection. Crosby has prepared the below instructions to perform the necessary inspection. The inspection uses a small flat tool to gently pry the hinge pins outward, to confirm they are positively secured. If any hoist rings are found with inadequately secured hinge pins, please remove from service, and notify Crosby Technical Support at 1-800-220-8509 or [crosbytechsupport@thecrosbygroup.com](mailto:crosbytechsupport@thecrosbygroup.com) for immediate replacement. You may also contact your Customer Service Representative directly.

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## Inspection Procedure: HR125 & HR125M Hoist Ring Hinge Pin Check

**NOTE:** The inspection for the presence of the hinge pin retaining pins can be completed without disassembly of the HR-125 / 125M Hoist Ring. The inspection can be completed with the hoist ring installed while threaded into the work piece and fully torqued or uninstalled. The bail must be in **unloaded** condition, and the bail should be free to pivot easily on the hinge pins.

Video Demonstration of this inspection can be found at this link:

<https://vimeo.com/813577833/5f47aa8d20?share=copy>



Locate swivel hoist ring assembly and visually inspect for any issues.

Note: It is recommended to periodically inspect per Crosby Swivel Hoist Ring Warnings and Applications Instructions, and ANSI B30.26 Rigging Hardware.



The inspection can be accomplished by taking a small flat rigid object (such as a thin pry bar) that can be inserted under the head of the hinge pin and prying outwardly on the hinge pin.

Alternately, the inspection can be accomplished by grabbing the head of the hinge pins (with small pliers) and pulling outwardly while twisting.

A small amount of axial movement of approximately 0.04" (1mm) may be detected, but the hinge pins should not come out of the bail and body of the hoist ring. Additionally, the hinge pins should not rotate relative to the body.

Perform the inspection on both hinge pins.



After the inspection, the hoist rings should have an identifier added, that indicates the inspection was performed and found to be acceptable. In this case we placed a blue paint pin dot next to the E-Clip.

**If any hoist rings are found with inadequately secured hinge pins, please remove from service, and notify Crosby Technical Support at 1-800-220-8509 or [crosbytechsupport@thecrosbygroup.com](mailto:crosbytechsupport@thecrosbygroup.com) for immediate replacement.**

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