



## **SAFETY RECALL**

### **FRONT AXLE U-BOLT REPLACEMENT**

RECALL NO: M0420

DATE: 6-30-2023

REFERENCE: RCB-002-23

## SUBJECT VEHICLES:

Certain 2023 model year Hino Conventional vehicles produced between July 26, 2022 and August 23, 2022 at the Mineral Wells, West Virginia assembly plant.

**Note: Refer to the appropriate Vehicle Identification Number in the warranty system to determine vehicle eligibility.**

**NEW VEHICLES IN DEALERSHIP INVENTORY** As required by Federal law (49 Code of Federal Regulations §577.13), dealerships are not to deliver any new vehicles in their inventory that are involved in a Safety Recall unless the vehicle has been remedied. Refer to the appropriate Vehicle Identification Number (VIN) list to determine vehicle eligibility.

## OVERVIEW:

The subject vehicles contain two U bolts on each driver and passenger side in order to secure the front axle with the front leaf spring assembly including upper seats. The U bolt(s) and upper seat(s) may break or crack and fall off during vehicle operation because some U bolts were over tightened during replacement at the plant. The following procedure provides direction for U-bolt and spring seat replacement.



## BEFORE YOU BEGIN:

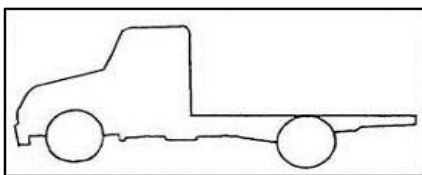
- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **NOTICES** and **WARNINGS** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a level and solid surface and apply the parking brake firmly. Confirm parking brake activation.
- Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.
- Always wear safety glasses to prevent eye injuries.
- Place wheel chocks in front of and behind all wheels to prevent the vehicle from moving.

## PARTS:

PART NUMBER	PART DESCRIPTION	QUANTITY
48372E0210	Spring Pad	2
SZ94084259	U-Bolt 205mm (Standard)	By VIN (4)
SZ94084641	U-Bolt 215mm (Optional 13.2K/14K Front GAWR)	By VIN (4)
SZ20118016	Washer	8
SZ17818002	Nut	8

## VEHICLE PREPARATION:

1. Park the vehicle on a level and solid surface. Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.



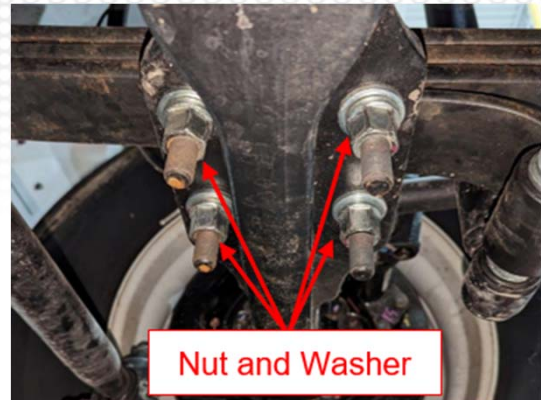
2. Apply the parking brake. Chock all of the wheels.



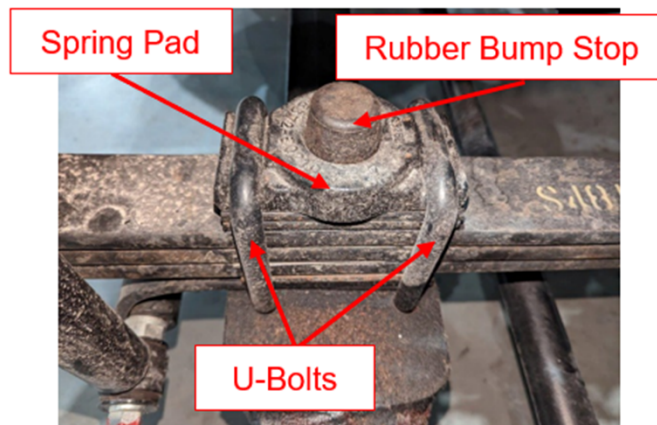
## REPAIR PROCEDURE:

1. Remove the four nuts and washers from the driver side front axle U-bolts. Discard these fasteners.

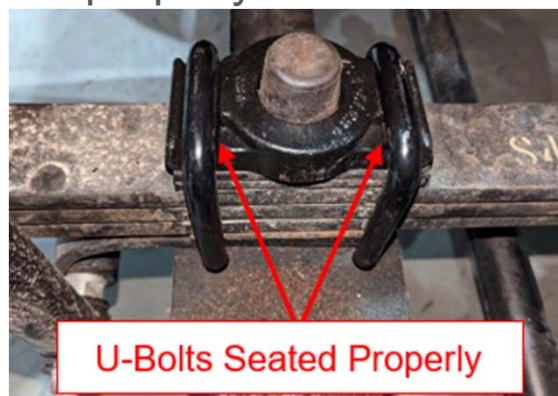
**WARNING:** Do not remove the fasteners from both sides of the front axle at the same time.



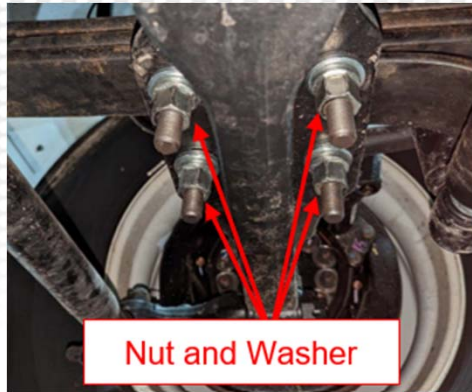
2. Remove the U-bolts and spring pad from the driver side of the front axle. Discard these parts. Retain the rubber bump stop for reassembly.



3. Install two new U-bolts and a new spring pad on the driver side of the front axle. Refer to the part list for the correct part numbers. Ensure the original rubber bump stop is in place. Ensure the U-bolts are properly seated in the spring pad as shown.

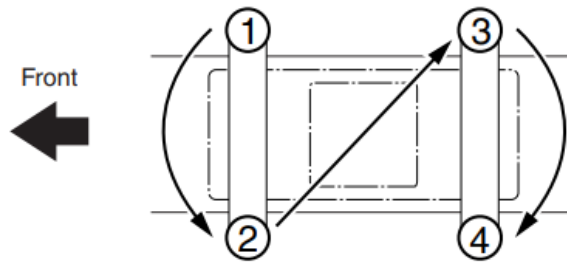


4. Install four new nuts and washers on the U-bolts. Hand tighten all nuts equally, ensuring the U-bolts remain seated in the spring pad.



5. Tighten all four driver side front U-bolt nuts to the specified torque. Follow the tightening sequence for each side called out in the diagram to the right.

**SPECIFIED TORQUE:**  
311 lb-ft (421Nm)



6. Repeat steps 1 through 5 on the passenger side front of the vehicle.

Proceed to “Final Inspection”

## FINAL INSPECTION:

1. To complete this procedure, review and confirm the following:
  - The front axle U-bolts and spring pads have been replaced on both the driver side and passenger side.
  - All eight front axle U-bolt nuts have been tightened to the specified torque.
  - The U-bolts are properly seated in the spring pads on both the driver side and passenger side.

## CLAIM APPLICATION

*Reimbursable in accordance within the terms and policies of the Hino limited warranties.*

- a) Recall No: M0420
- b) Labor charge: 2.1 Hours
- c) Warranty code: 53140
- d) Trouble code: 98
- e) Operation code: 53107ARE
- f) Original failed part: 9999999999

