

08V-667



Safety Recall

Subject: Incorrect Installation of Air Suspension Rear Axle U-Bolts

Date: 12-05-2008

Bulletin: R0027

Campaign #: M0140

Affected Models: Certain 2008 and 2009 ND8J (238), NE8J (268), NJ8J (268A), NV8J (338)

Important: Verify on the Hino DCS Warranty System that the vehicle still needs to have this work performed.

Description:

This bulletin includes the instructions to inspect and, if required, correct the installation of the lower spring pad for the rear axle air suspension.

Condition:

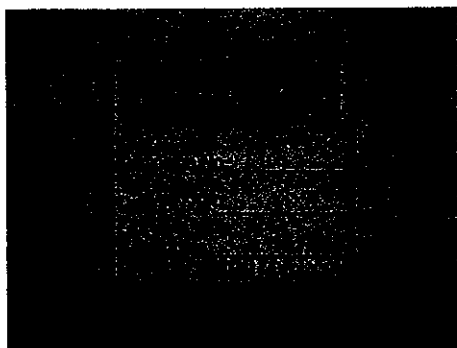
The tightening sequence of the rear axle u-bolts was not strictly controlled and the u-bolts may not have been properly tightened during the manufacturing process. If the u-bolts were not properly tightened, the lower spring seat may not contact the axle housing properly, producing a gap on the front or rear side of the axle housing. This gap could allow the u-bolt nuts to loosen and/or cause the lower spring seat to crack. If this problem were ignored the axle could become misaligned and/or separated from the mountings. This condition ultimately could result in an accident.

Subject Vehicles:

Certain 2008 and 2009 MY ND8J (238), NE8J (268), NJ8J (268A), and NV8J (338) Hino conventional trucks assembled at the Williamstown, WV assembly plant between October 22, 2007 and September 4, 2008.

Before You Begin:

Read and understand all instructions and procedures before you begin. Read and observe all Caution and Warning safety alerts that precede these instructions while following these procedures. The alerts help to avoid damage to components, serious personal injury, or both.



Once Recall is completed

Fill out the Recall Completion sticker as shown in the picture to the left. This sticker should be attached to the left door jam above the V.I.N. decal.

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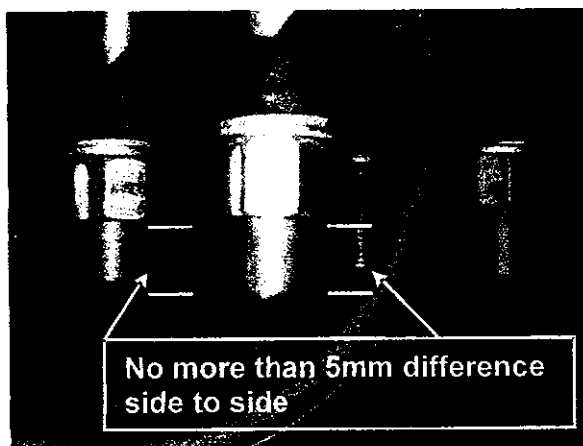
Park the vehicle on a flat and level surface. Apply parking brake. Shift transmission to NEUTRAL. Block the wheels to prevent the vehicle from moving.



1. Inspect the rear air suspension lower spring seat for a gap between rear axle and lower spring seat. Axle should sit flat on the lower spring seat with no gaps on the front or rear of the lower spring seat.

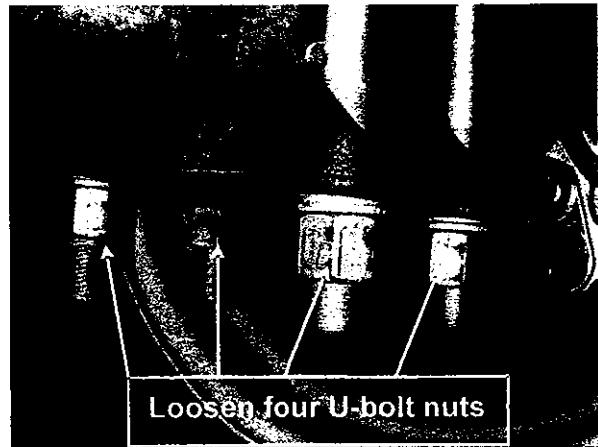


2. In comparing the height of the thread protruding through each U-bolt nut, there should not be more than a 5mm difference between the thread height from one side to the other side. If a difference of more than 5mm is not present, no further action is required. If a difference of more than 5mm exists, proceed to step 3.

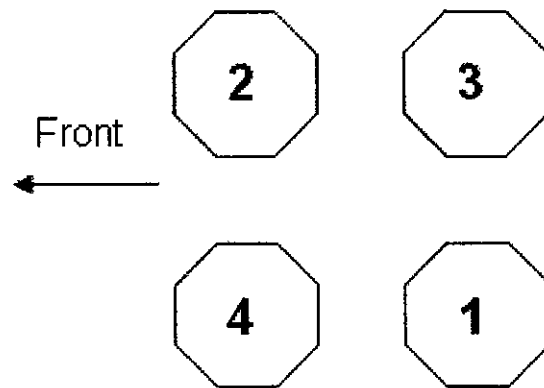


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3. Loosen each U-bolt nut to enable the lower spring seat to be repositioned so that it sits flat on axle.

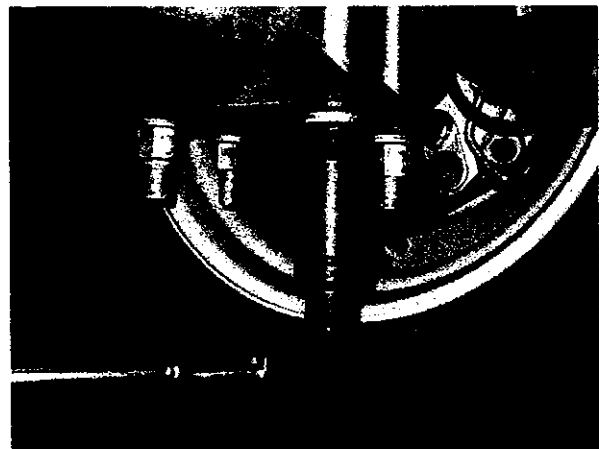


4. Tighten U-bolts using the cross tightening method as specified. Alternate between nuts to ensure there is even tension on each U-bolt and that the lower spring seat sits flat on the axle with no gaps in the front or in the back of the axle.



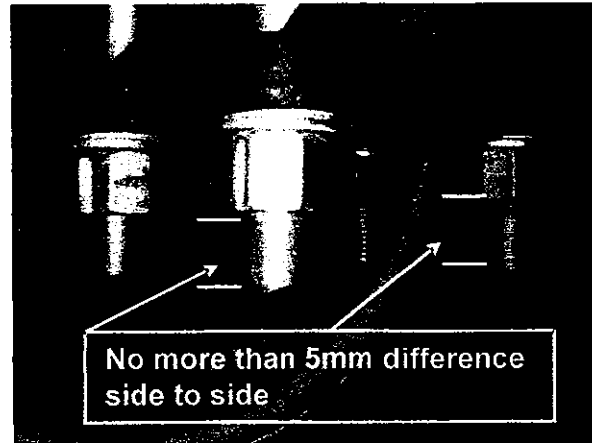
5. Tighten U-bolt nuts to specified torque following specified sequence outlined in step 4.

Specified torque: 426 ft. lbs. (578 Nm)



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6. Measure the threads protruding through each nut. When properly installed and tightened there should be no more than a 5mm difference in height between each side of a particular U-Bolt.



WARRANTY APPLICATION INFORMATION

Inspection Only

CAMPAIGN NUMBER: M0140
TIME ALLOWANCE: 0.2 Hours
WARRANTY CODE: 5414171
OPERATION CODE: 54550AOT
ORIGINAL PART NUMBER: 920922109A

Inspection & Retighten

CAMPAIGN NUMBER: M0140
TIME ALLOWANCE: 1.0 Hours
WARRANTY CODE: 5414171
OPERATION CODE: 54550AAD
ORIGINAL PART NUMBER: 920922109A