

Service Campaign

Subject: Incorrect Shock Absorbers on Rear Air Suspensions

Date: 9/13/2008

Bulletin: C0005

Campaign #: M0110_A6120

Affected Models: Select 2008-2009 268A (NJ8J), 338 (NV8J)

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

Description:

This Service Campaign includes instructions for the inspection and replacement of the shock absorbers used on the rear air suspension.

Condition:

The incorrect length shock absorbers may have been installed on the rear, driver and or passenger sides of subject trucks.

Subject Vehicles:

Certain 2008 and 2009 model year NJ8J (268A) and NV8J (338) Hino conventional trucks assembled at the following assembly plants.

Long Beach, CA. U.S.A.

Williamstown, WV. U.S.A.

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 Campaign is completed

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

NOTE:

2008 & 2009 V.I.N. Plates are located on the left side.

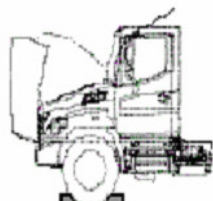
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!! WARNING!!

Park the vehicle on a flat and level surface. Block the wheels to prevent the vehicle from moving.

⚠ WARNING

1. Apply parking brake and wheel chocks to prevent the vehicle from moving



Required Parts:

Part Number	Description	NJ8J Models	NV8J Models With Stiffener	NV8J Models Without Stiffener
48530E0100	Absorber Assy. Shock (Hendrickson P/N 60670-14)	2	-	2
48530E0390	Absorber Assy. Shock (Hendrickson P/N 60670-19)	-	2	-
SZ17012030	Nut, Lock (upper nut)	2	2	2
SZ10120025	Bolt, Hex (lower bolt)	2	2	2
SZ17020012	Nut, Lock (lower nut)	2	2	2

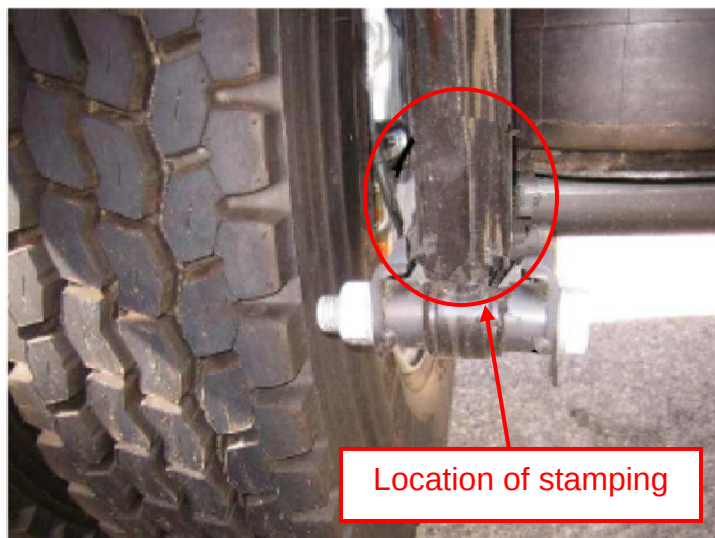
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Inspection Procedure For NJ8J (268A) Models:

Inspect the part number stamped on both right and left shocks lower shock bodies to determine if replacement is needed.

If the Number is 60670-14, no Replacement is needed.

If the number on either shock absorber is found to be incorrect, refer to the chart on Page 2 for the parts that must be replaced.



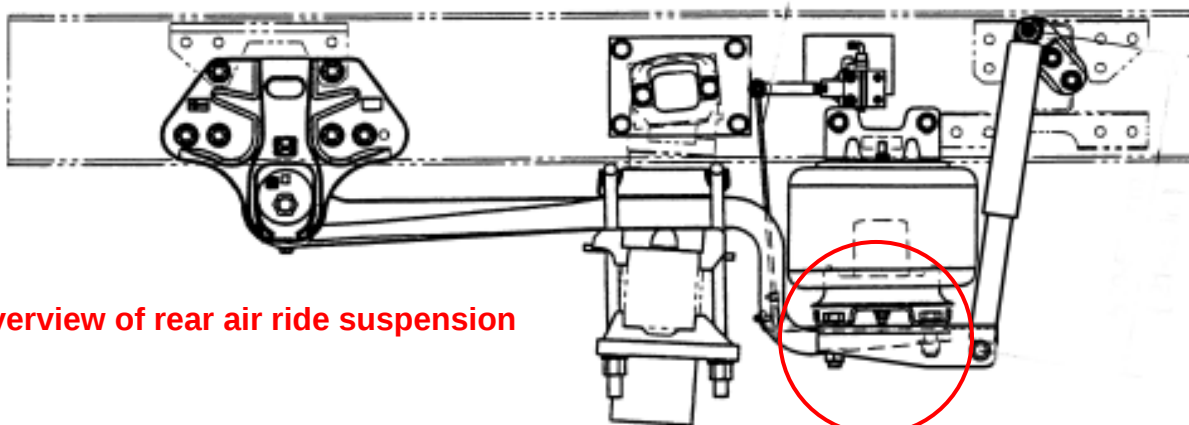
Location of stamping



Example of stamping with paint removed

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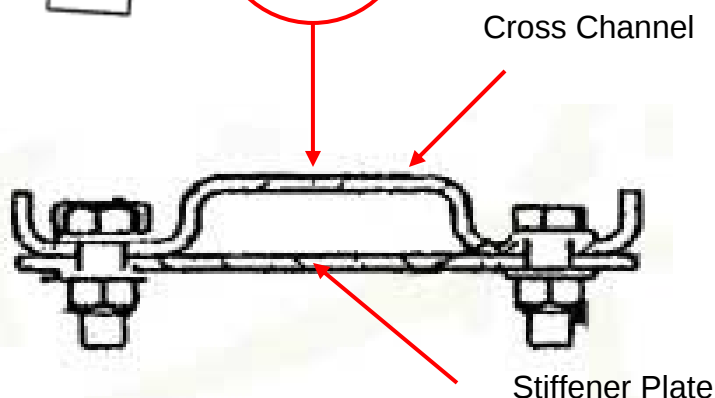
Inspection Procedure for NV8J (338) Models:



Overview of rear air ride suspension

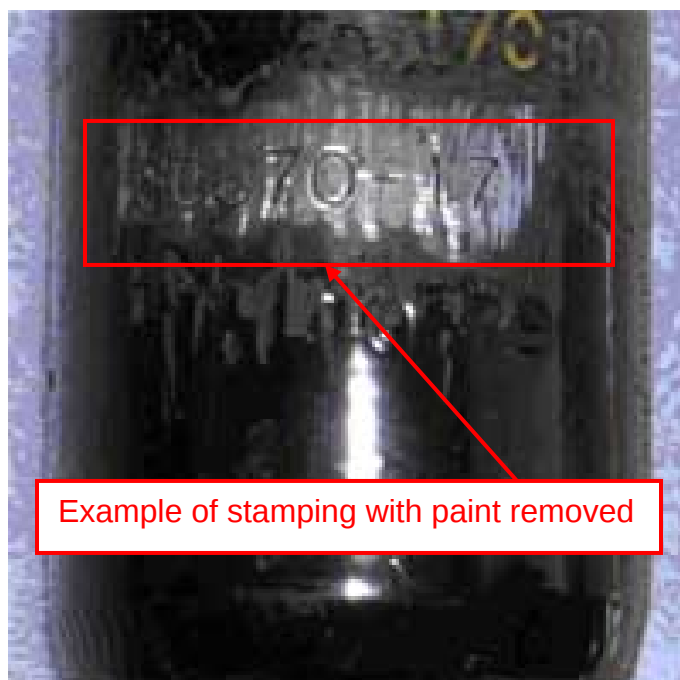
Inspect the part number stamped on both the right and left shock assemblies to determine if replacement is needed.

If the vehicle is equipped with a stiffener plate, the correct part number is 60670-19



If the vehicle is not equipped with a stiffener plate, the correct part number is 60670-14.

If either shock absorber is found to be incorrect, refer to the chart on page 2 for the parts that must be replaced.



Example of stamping with paint removed

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Removal Procedure For Shock Absorbers:

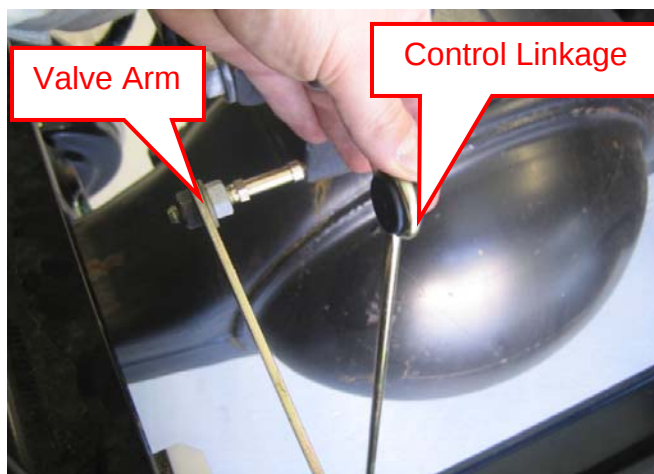
1. Support **both** sides of the frame at the ride height.

NOTE: The picture shows only the left side of the vehicle.

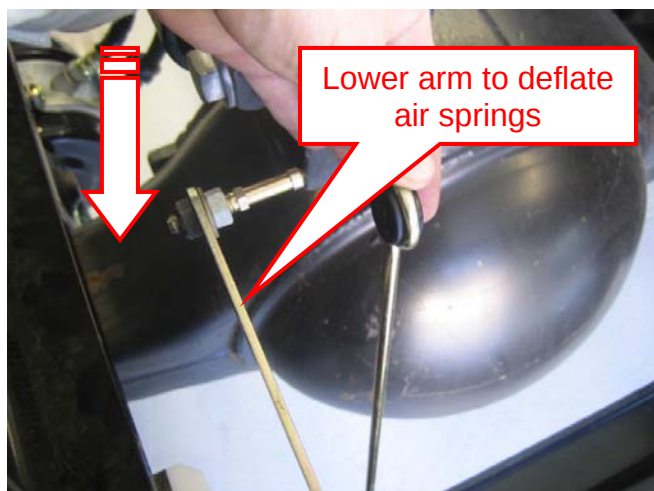
WARNING: The vehicle **MUST** be supported prior to completing any of the following steps.



2. Disconnect the height control linkage from the height control valve arm by sliding the rubber grommet from the stud.



3. Lower the leveling arm to exhaust the air inside the air springs and deflate the rear springs.



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4. Remove and discard the through bolt and locknut from the lower shock absorber mounting bracket.

Save the washers for reuse later.

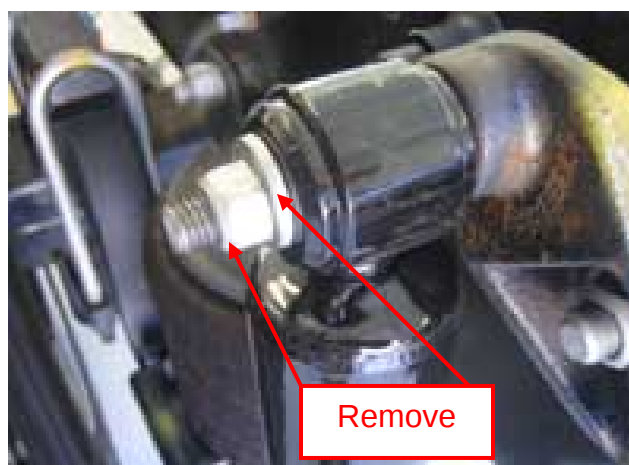


5. Slide the shock absorber out of the lower mounting bracket.

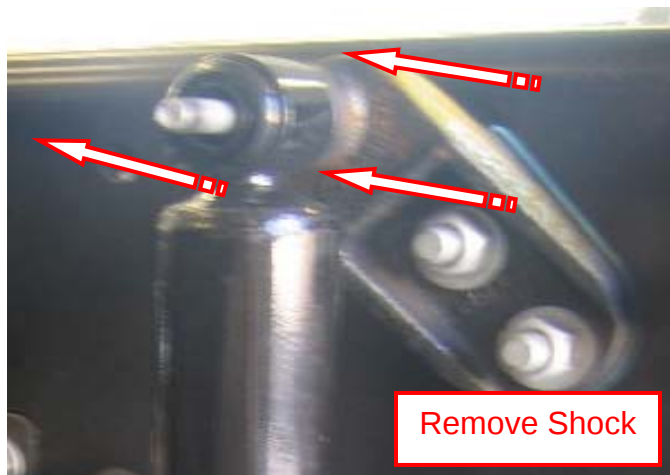


6. Remove and discard the locknut. Remove washer from the upper shock absorber mounting stud.

Save the washer for reuse later.



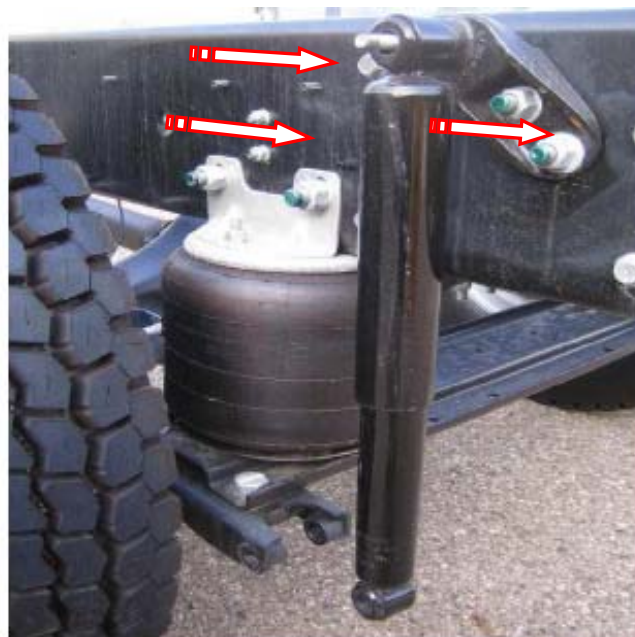
7. Remove the shock absorber from the upper mounting stud.



Installation Procedure Of New Shock Absorbers:

WARNING: *The vehicle MUST be supported prior to completing any of the following steps.*

1. Install the shock absorber onto the upper mounting stud.



2. Install the washer and **new** locknut on the upper shock absorber mounting stud until the nut and washer are seated against the shock absorber.



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3. Install the **new** hex bolt and inner washer through the lower shock mount and the lower shock bracket.



4. Install the outer washer and **new** locknut.

Torque the locknut.

Torque Specification:
160-180 ft. lbs. (217-245 Nm)



5. Torque the upper shock absorber locknut.

Torque Specification:
50-70 ft. lbs. (68-95 Nm)



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6. Paint the upper locknut with black paint.

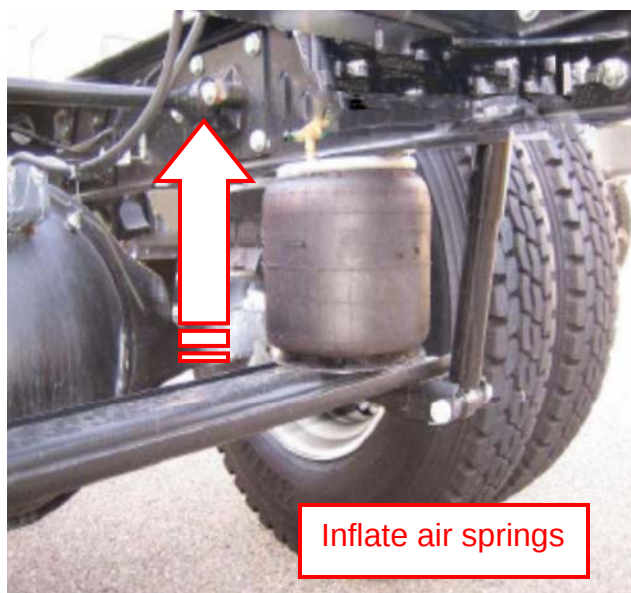


7. Reconnect the height control linkage to the height control valve arm.



8. Start the engine and confirm the air springs re-inflate.

Remove the supports and wheel chocks.



Warranty Claim Information:

NJ8J (268A) Models

Inspection Only

- 1) CAMPAIGN NUMBER: M0110
- 2) TIME ALLOWANCE: 0.2 HOURS
- 3) WARRANTY CODE: 5321198
- 4) OPERATION CODE: 54550AOT
- 5) ORIGINAL PART NUMBER: 48530E0240

Inspection and Replacement of One Shock

- 1) CAMPAIGN NUMBER: M0110
- 2) TIME ALLOWANCE: 1.2 HOURS
- 3) WARRANTY CODE: 5321198
- 4) OPERATION CODE: 54508ARE
- 5) ORIGINAL PART NUMBER: 48530E0240

Inspection and Replacement of Both Shocks

- 1) CAMPAIGN NUMBER: M0110
 - 2) TIME ALLOWANCE: 1.9 HOURS
 - 3) WARRANTY CODE: 5321198
 - 4) OPERATION CODE: 54508BRE
 - 5) ORIGINAL PART NUMBER: 48530E0240
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NV8J (338) Models

Inspection Only

- 1) CAMPAIGN NUMBER: A6120
- 2) TIME ALLOWANCE: 0.2 HOURS
- 3) WARRANTY CODE: 5321198
- 4) OPERATION CODE: 54550AOT
- 5) ORIGINAL PART NUMBER: 48530E0240

Inspection and Replacement of One Shock

- 1) CAMPAIGN NUMBER: A6120
- 2) TIME ALLOWANCE: 1.2 HOURS
- 3) WARRANTY CODE: 5321198
- 4) OPERATION CODE: 54508ARE
- 5) ORIGINAL PART NUMBER: 48530E0240

Inspection and Replacement of Both Shocks

- 1) CAMPAIGN NUMBER: A6120
- 2) TIME ALLOWANCE: 1.9 HOURS
- 3) WARRANTY CODE: 5321198
- 4) OPERATION CODE: 54508BRE
- 5) ORIGINAL PART NUMBER: 48530E0240