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Coding Information

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Title: Brake Chamber Contacting IROS Suspension**Applies To:** LT w/ IROS Suspension

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

02/16/2018 - Added step in regards to performing an alignment after performing this procedure
02/08/2018 - Initial Article Release

DESCRIPTION

This document will guide the user through steps to take if the brake chamber is coming in contact with IROS suspension spring mounts.

SYMPTOM(s)

Brake chamber coming in contact with the IROS suspension spring mounts.

DTC/Light	Description
N/A	N/A

SPECIAL TOOL(s) / SOFTWARE

Not Applicable

Tool Description	Tool Number	Comments	Instructions
N/A	N/A	N/A	N/A

SERVICE PARTS INFORMATION

Not Applicable

Kit Description	Part Number	Quantity Required	Notes
N/A	N/A	N/A	N/A

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

WARNING! To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

REPAIR STEP(s)

1. If the brake chamber is coming in contact with the IROS suspension as shown in Figure #1, proceed to Step 2.

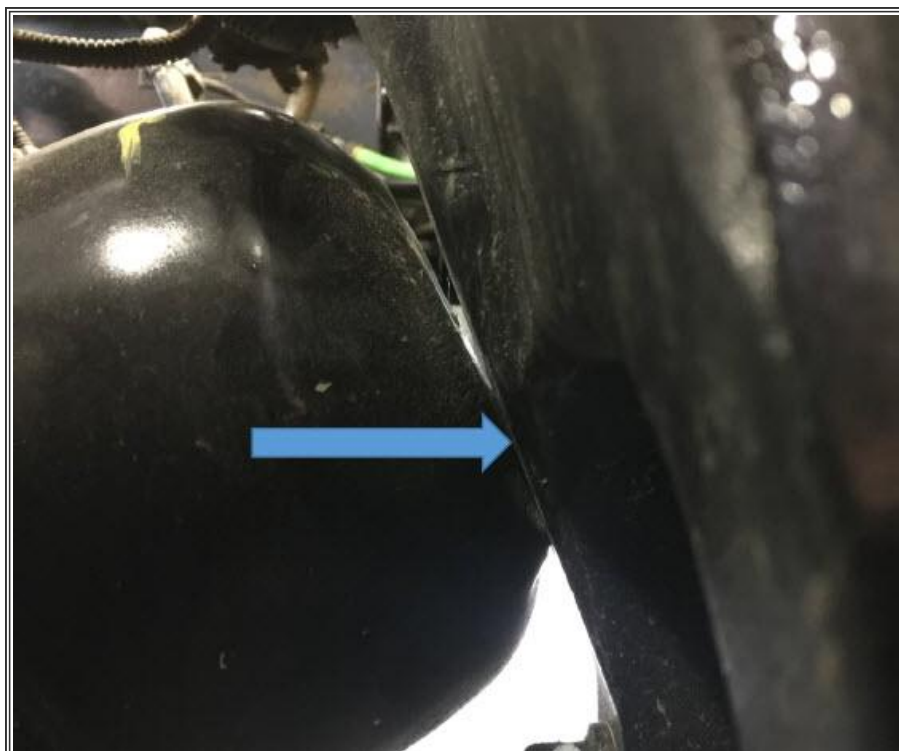
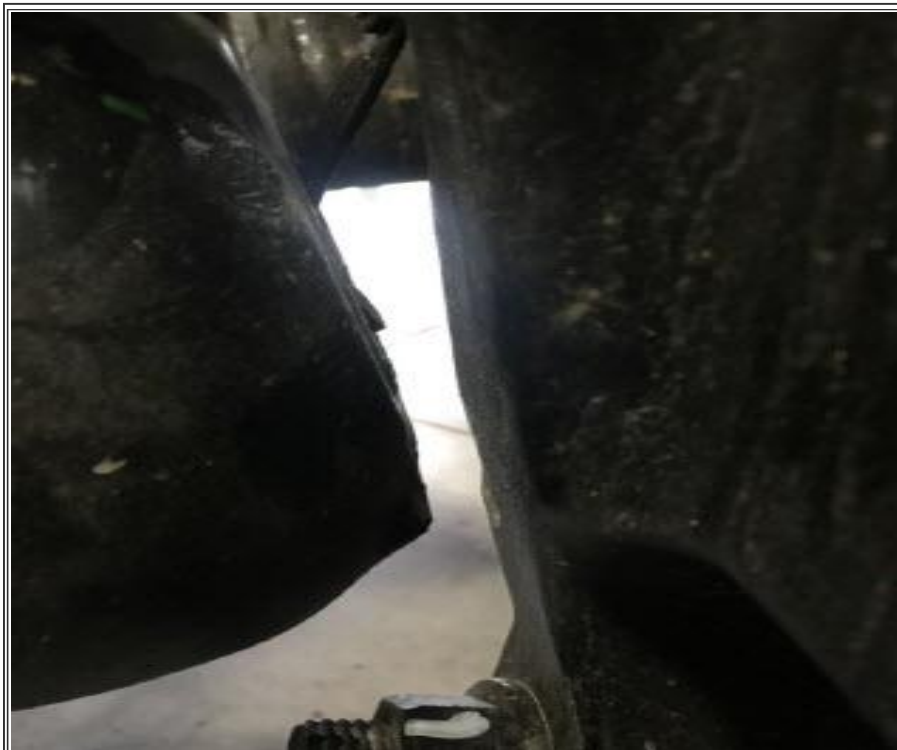


Figure 1: Brake Chamber Contacting IROS Suspension

2. Loosen all rear fastener (u-bolts) just enough to allow the axle to be reposition rearward within the saddle center pin hole and to secure and torque once completed.

- Refer to [2017 - 2020 LT / RH Technician Manual \(Service and Diagnostic\)](#) for suspension u-bolt torque specs.

**Figure 2: After Repositioning Axle**

3. Alignment maybe required after performing this procedure.

Additional references:

[IK0200023](#) - Navistar Wheel Alignment Policy

[IK0200013](#) - Suggested Alignment Target Values When Performing a Vehicle Axle Alignment

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)



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