



Countries:
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Current Language: English
Other Languages: NONE
Viewed: 61

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Coding Information

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Title: LT Cab Suspension Air Bag Lean

Applies To: LT Sleeper

CHANGE LOG

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

11/12/2018 - Initial Article Release

DESCRIPTION

This document will guide the user through correcting LT sleeper cab suspension air bag lean concerns, where the air bag is leaning forward or backward. Does not apply to side to side leaning air bags.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s): Not Applicable

DTC/Light	Description
Not Applicable	

Customer Observations or Concerns: Customer may observe the LT Sleeper cab suspension air bags leaning forward or backwards. No safety or performance concern is present if the cab suspension air bag is not installed vertically.

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Not Applicable			

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
Not Applicable			

DIAGNOSTIC STEP(s)

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.

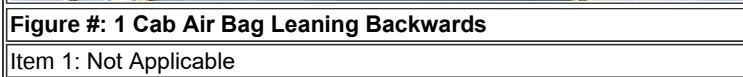
WARNING! To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

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.

Step	Action	Decision
#1	DIAGNOSTIC: Is one or both cab suspension air bags leaning forward or backwards? See Image below.	Yes. Continue to repair step 1
		No. No further action required.



REMOVAL PROCEDURE:

[illegible]



Figure #: 2 Jacks Supporting Cab

Item 1: Jacks installed to support sleeper cab.

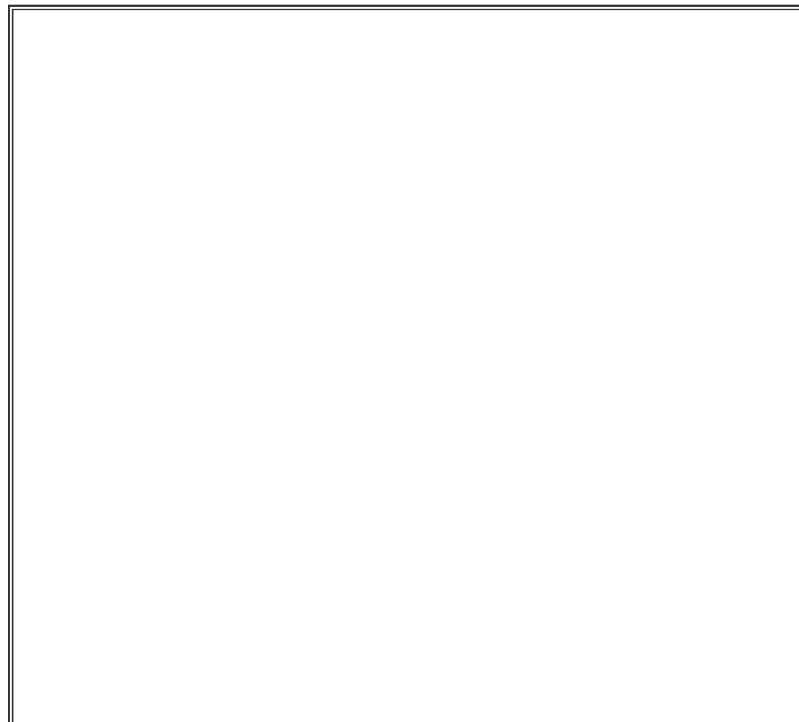




Figure #: 3 Original Measurement

Item 1: Digital protractor showing original lean of bracket

1. Chock Wheels
2. Insert Jacks between frame rails and sleeper cab. Jack sleeper cab up to relieve tension on air bags
3. Measure bracket angle as shown in image 3. Zero the digital protractor on frame rail, then measure the angle of the cab air bag support brackets.
4. Loosen cab air bag support bracket bolts so there is enough give to move the bracket.

INSTALLATION PROCEDURE:

M12 Fastener	80 - 100 lb-ft (108 - 135 N-m)
M16 Fastener	195 - 240 lb-ft (265 - 325 N-m)
Height Control Valve Lever Arm Bolt	50 - 55 lb-in. (5.6 - 6.2 N-m)
Height Control Valve Control Rod Screw	60 - 80 lb-in. (6.7 - 9 N-m)

Figure #: 4 Torque Chart

Item 1: Torque chart

1. Move the cab air bag bracket to a 90 degree vertical position in reference to the frame rails.
 2. Tighten the cab air bag support bolts to specified torque above.
 3. Remove jacks and check/adjust the cab air ride setting per LT Technician Manual.
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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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