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Major System: COOLING Created: 4/8/2022
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Other Languages: NONE Author: William Knoth
Viewed: 64

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Coding Information

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Title: DEF Tank Coolant Hose Routing on 73" Sleeper Cabs

Applies To: LT with Feature code 16AUN (Hi-Rise) and 16AUP (Sky-Rise)

CHANGE LOG

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

04/08/2022 - Initial Article Release

DESCRIPTION

This document will guide the user through re-routing the DEF tank coolant line on 73" sleeper to prevent rubbing on near the under cab fuse box.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
SPN 111 FMI 1	Low Coolant Level

Customer Observations or Concerns:

Coolant leak from under the cab on the drivers side.

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Coolant Recovery Tool	KL5007NAV-U		

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity	Notes
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		Required	
None			

DIAGNOSTIC STEP(s)


WARNING:

Park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in either direction. Failure to do so may result in property damage, personal injury, and / or death.


CAUTION:

To prevent personal injury and / or death from hot coolant or steam scalding, allow the engine to cool and depressurized before removing deaeration tank cap from cooling system.

Step	Action	Decision
1	DIAGNOSTIC: Refer to figure 1 below. Do you have a leak in this location?	Yes. Go to Repair instructions
		No. This article does not apply



Figure 1: Leak Location

REPAIR STEP(s)

Repair the hose as needed.

To prevent future rub conditions it's recommended to rotate the L-bracket supporting the trailer hoses 180deg and attach it to the hole in the cab structure near the fuse box. See Figure 2 and 3.

Once completed inspect the bracket and saddle to ensure they are not contacting any of the harness on the back side of the fuse box and that there are no longer any rub conditions on the coolant hoses.

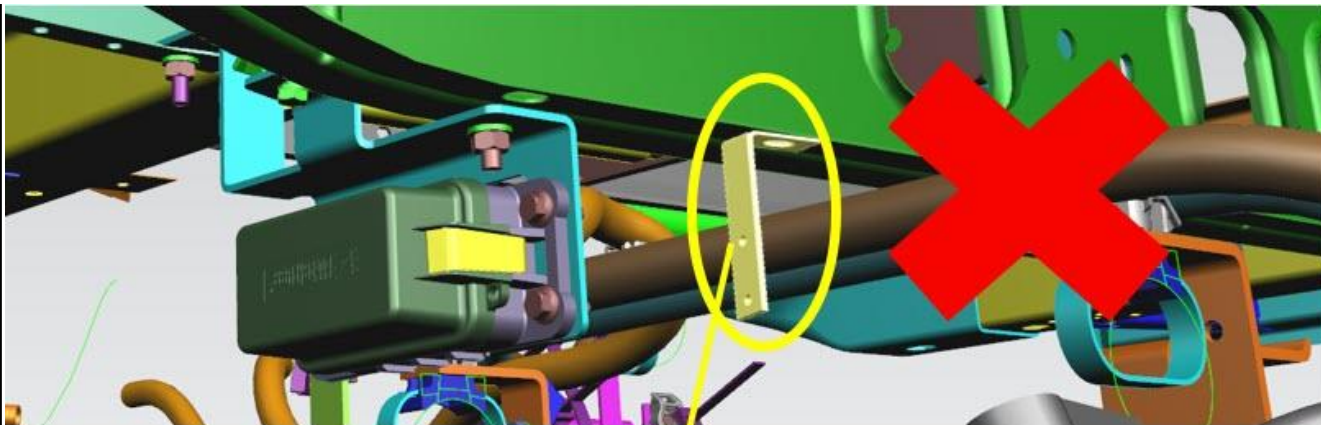


Figure 2: L-Bracket Relocation



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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