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Coding Information

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Title: SiriusXM Reception Issues with Film Antenna in Hi-Rise Sleeper

Applies To: Hi-Rise Sleeper with Film Antenna and SiriusXM Radio

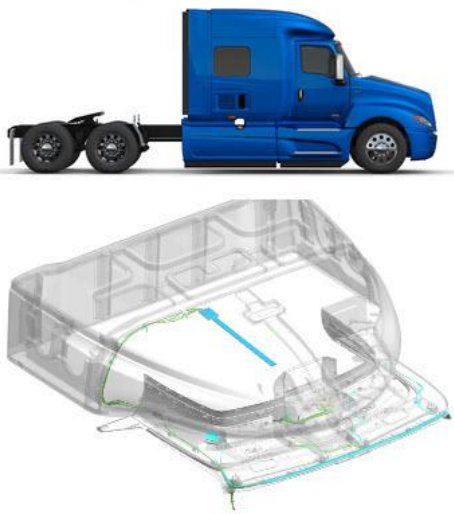
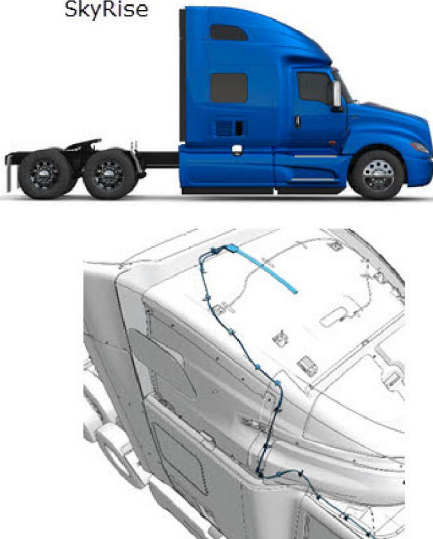
CHANGE LOG

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

06/15/2021 - Initial Article Release.

DESCRIPTION

Hi-Rise Sleepers equipped with a film antenna 4136172C1 and SiriusXM satellite radio may experience poor reception in the northern regions of North America. The reception may be worst when traveling north or east. The trailer can cause a shadowing affect, blocking proper reception for the antenna. Using a stand-alone Satellite Digital Audio Radio Service (SDARS) antenna can improve satellite radio reception.

Figure 1 - Cab Configurations	
HiRise  This configuration may experience reception issues with satellite radio	SkyRise  <i>This configuration is not impacted</i> and does not experience satellite radio reception issues with the film antenna. Film antenna is mounted higher due to cab type.

SYMPTOMS

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

- Poor or No Reception for SiriusXM satellite radio

SPECIAL TOOLS / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Not Applicable			

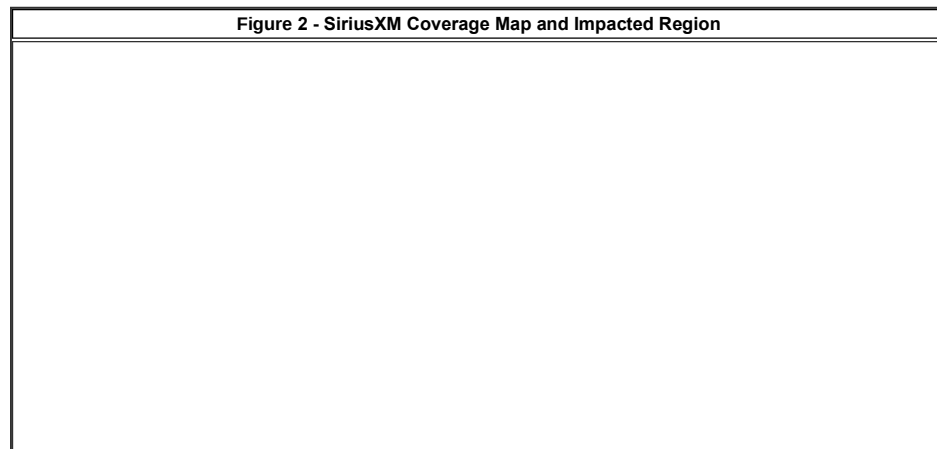
SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
ANTENNA, CAB MOUNTING, SDARS	4087774C1	1	
Industrial Strength 2 sided tape or Velcro			Procure Locally

DIAGNOSTIC STEPS

Step	Action	Decision
#1	DIAGNOSTIC: Review the complaint, radio type and vehicle configuration. Example feature of satellite radio: 08RPU - AM/FM/WB/ SiriusXM /Clock/Bluetooth/USB Input/Auxiliary Input Example features of Hi-Rise Sleeper: 16AUM - CAB Conventional, Hi-Rise Sleeper Cab; 56" Seat to Inside Back of Cab, with 37" Wide Bunk 16AUN - CAB Conventional, Hi-Rise Sleeper Cab; 73" Seat to Inside Back of Cab, with 42" Wide Lower Bunk Is the vehicle a Hi-Rise Sleeper experiencing satellite radio reception issues in northern North America?	Yes: Continue to repair steps
		No: Review complaint and follow troubleshooting for radio

Figure 2 - SiriusXM Coverage Map and Impacted Region





REPAIR STEP(S)

Install a puck style antenna in the hi-rise sleeper for satellite radio reception. The film antenna will remain for all other functions except satellite radio.

PROCEDURE:

1. Follow 0000885380 - 2017-2020 International LT / RH and LoneStar Technician Manual (Service and Diagnostic) to remove headliner to gain access to the film antenna and connectors.
2. Unplug the yellow "curry" colored connector from the film antenna. This is the antenna for the satellite radio.
3. Plug the puck style antenna into the antenna cable.
4. Using industrial strength two-sided tape or Velcro, adhere the puck style antenna to the roof. Refer to *Figure 3* and *Figure 4*.
 - Place the puck style antenna on the right (passenger) side of the vehicle, as far forward as you can without pulling on the harness cable. Verify the headliner can be re-installed without interference at that location.
5. Re-install the headliner

Figure 3 - Suggested Placement of Puck Style Antenna

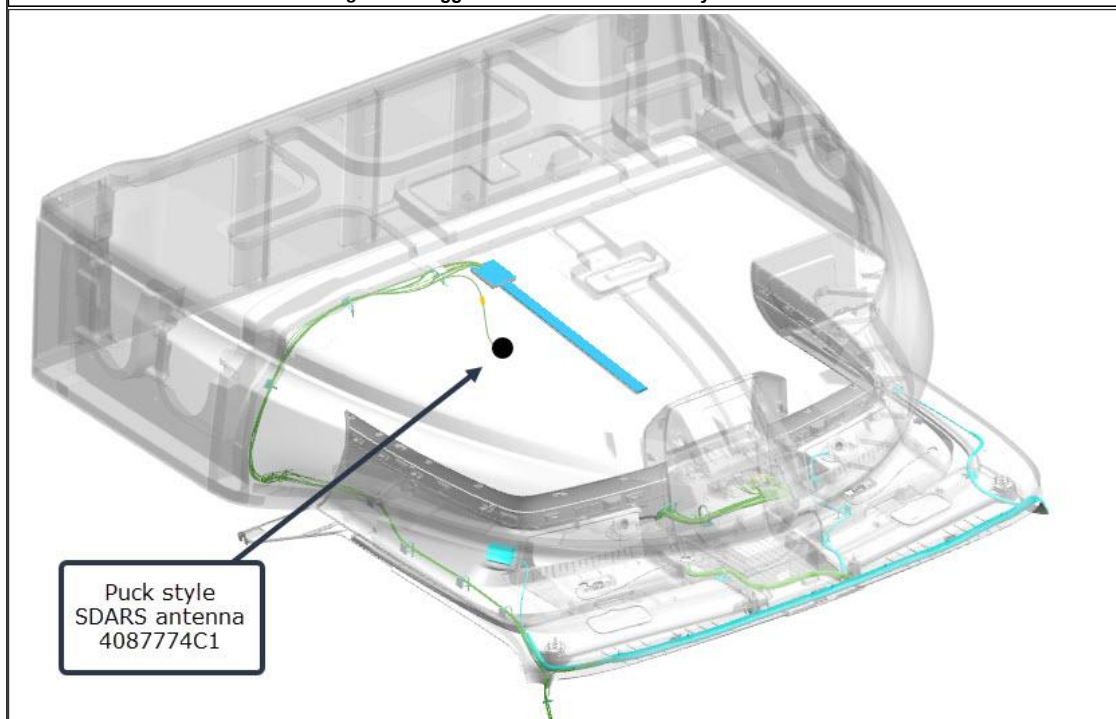


Figure 4 - Example of Puck Style Antenna Installed



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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