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Coding Information

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Title: VORAD Sensor or harness rubbing fuel tank

Applies To: ProStar, Sleeper, Day Cab

CHANGE LOG

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

11/04/2016 - Initial Article Release

DESCRIPTION

This document will guide the user through on troubleshooting and implementing the Vorad sensor bracket spacer. This procedure is only to be used if there is a customer complaint it is **not** a proactive inspection.

SYMPTOM(s)

Vorad sensor inoperative
Vorad sensor bracket contacting fuel tank
Vorad sensor mounting hardware contacting fuel tank
Fuel tank scratches or damage

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

DTC/Light	Description
SPN xxxx FMI xx (link to FCAP)	
SPN xxxx FMI xx (link to FCAP)	

Customer Observations or Concerns:

Minor fuel tank damage
Vorad sensor inoperative

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
VORAD Sensor Spacer	4085762C1	1	May require new mounting hardware

DIAGNOSTIC STEP(s)

 WARNING:	
Enter Warning Here	

CAUTION:	
Enter Caution Here	

Step	Action	Decision
1	Inspect fuel tank and VORAD sensor harness for damage. Is damage present on the tank or harness assembly?	Yes. Install Vorad sensor spacer
		No. Release the vehicle.

REPAIR STEP(s)**REMOVAL PROCEDURE:**

1. Remove VORAD side sensor from mount
2. Install spacer (See Figure 1)

3. Reinstall VORAD side sensor to mount, and inspect for any fastener, bracket, or wiring harness contact to the fuel tank. (See Figure 2)



Figure # 1 : VORAD side sensor spacer



Figure # 2 : VORAD side sensor spacer (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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