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Countries:

Document ID: IK1600218

Revision: 0

Availability: ISIS, FleetSIS, Body Builder

Major System: CAB / SLEEPER / HOOD

Created: 8/19/2015

Current Language: English

Last Modified: 9/29/2015

Other Languages: NONE

Author: Jeff McIntosh

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Title: Seat occupant sensor

Applies To: Terrastar, Durastar, ambulance, medic rescue, 16HCK or 16HCL

CHANGE LOG

08/25/2015 - Initial Article Release

DESCRIPTION

There are instances of seat configurations and/or sensor placement that will have difficulty registering a seat occupant under 120 lbs. This document will guide the user through diagnostics of the seat occupant sensor and correcting the issue.

SYMPTOMS

Diagnostic Trouble Codes & Dashboard Indicator Lights:

Not Applicable

Customer Observations or Concerns:

With either feature code 16HCK or 16HCL the occupant may not get the warning light to go off. Or change it from red to green.

SPECIAL TOOLS / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Hot glue gun		obtain locally	

SERVICE PARTS INFORMATION

Kit Description	P/N	Qty	Notes

Cushion, Seat	See Catalog	1	Config. specific P/N
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DIAGNOSTICS

Step	Action	Decision
1	DIAGNOSTIC: Does the seat sensor register with an occupant weighing over approximately 120 lbs.?	Yes. Go to step #2
		No. Go to the applicable diagnostic guide for the system that is installed.

Step	Action	Decision
2	DIAGNOSTIC: Does the seat sensor register with an occupant weighing less than approximately 120 lbs.?	Yes. The system is working properly. No further action is required.
		No. Go to step #3

Step	Action	Decision
3	DIAGNOSTIC: Inspect the approximate location of the sensor. This can be done without removing the cushion cover. Is the sensor in the correct location? See figure #1, 2 and 3 for sensor locations for the different cushions.	Yes. Go to the applicable diagnostic guide for the system that is installed.
		No. Go to step #4

DIAGNOSTIC STEP(s)

Step	Action	Decision
4	DIAGNOSTIC: Is the truck under base warranty?	Yes. Replace the cushion.
		No. Go to the repair steps below.

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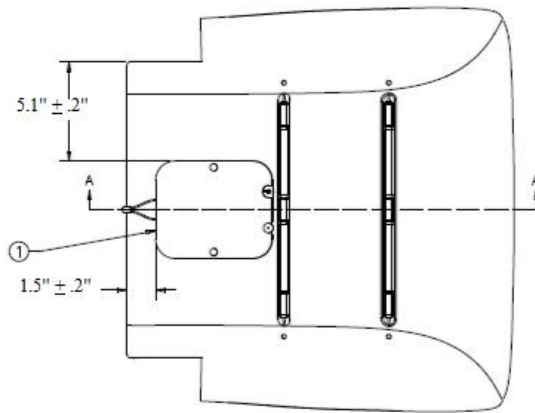


Figure #1:One sensor cushion

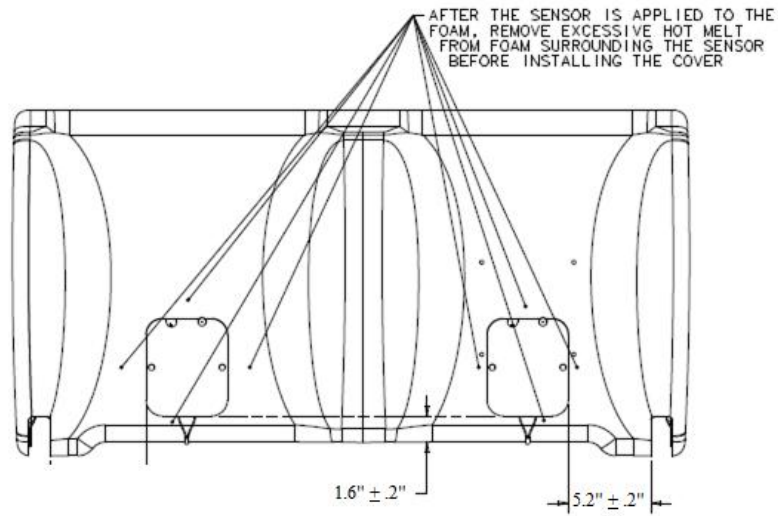


Figure #2: Two sensor cushion



REMOVAL PROCEDURE:

- ### INSTALLATION PROCEDURE:

- Warranty Claim Coding:**

GROUP	19000-Seats
Noun	3610-Standard seat cushion or back

Description	Chassis	SRT	Hours
Seat cushion replacement	All Models	A19-3610	Seat cushion replacement

OTHER RESOURCES

[Master Service Information Site](#)

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