



Countries:	CANADA, UNITED STATES, MEXICO	Document ID:	IK1201398
Availability:	ISIS, Bus ISIS, FleetISIS, IsSIR	Revision:	0
Major System:	ENGINES	Created:	10/19/2017
Current Language:	English	Last Modified:	10/25/2017
Other Languages:	NONE	Author:	Amber Chapman
Viewed:	111		

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Coding Information

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Title: IC Bus with ISB Frequent Regeneration**Applies To:** IC Bus ISB

CHANGE LOG

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

10/25/2017 - Initial Article Release

DESCRIPTION

This document will guide the user through resolving Frequent Regen issues on IC Bus with ISB 6.7.

SYMPTOM(s)

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

DTC/Light	Description
SPN 5397 FMI 31 (FCAP) Cummins 3375	Aftertreatment Diesel Particulate Filter Regeneration Too Frequent - Condition Exists
SPN 5319 FMI 31 (FCAP) Cummins 3376	DPF incomplete Regeneration
SPN 3251 FMI 16 (FCAP) Cummins 1921	Aftertreatment Diesel Particulate Filter Differential Pressure - Data Valid But Above Normal Operating Range - Moderately Severe Level
SN 3251 FMI 0 (FCAP) Cummins 1922	Aftertreatment Diesel Particulate Filter Differential Pressure - Data Valid But Above Normal Operating Range - Most Severe Level

Customer Observations or Concerns:

Frequent Regen

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
N/A			

[Tools Resource Center](#)**SERVICE PARTS INFORMATION**Parts Catalog – [Click Here](#)

Kit Description	Part Number	Quantity Required	Notes
COVER ASSEMBLY	2602202C91	1	

DIAGNOSTIC STEP(s)**Possible Causes:**

1. Airbox boot seal to the hood compromised. Middle section may appear bent or folded in. The seal position looks off-centered from the hood.

 WARNING:	
Enter Warning Here	

CAUTION:	
Enter Caution Here	

Step	Action	Decision
1	DIAGNOSTIC: Is the vehicle experiencing too frequent regens?	Yes. Go to Step 2. No. Article does not apply

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Step	Action	Decision
2	DIAGNOSTIC: Run Rise over Ambient test Is the ROA greater than 20F? .	Yes. Go to Step 3
		No. Article does not apply

Step	Action	Decision
3	DIAGNOSTIC: With the hood in the fully latched position, inspect the accordion boot seal to hood. See Figure 1 and 2 Is a gap present between the seal and hood?	Yes. Replace the cover assembly.
		No. Return to Fault Codes Diagnostics



Figure 1: Gap between Boot seal and Hood



Figure 2: Hood misaligned with respect to Boot seal

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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