



**Countries:** CANADA, UNITED STATES, MEXICO  
**Availability:** ISIS, Bus ISIS, FleetISIS, IsSIR  
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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:

11/20/2017 - Added Cummins Insite info in step 2 11/01/2017 - Typo corrected 10/25/2017 - Initial Article Release
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## 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 ( <a href="#">FCAP</a> ) Cummins 3375	Aftertreatment Diesel Particulate Filter Regeneration Too Frequent - Condition Exists
SPN 5319 FMI 31 ( <a href="#">FCAP</a> ) Cummins 3376	DPF incomplete Regeneration
SPN 3251 FMI 16 ( <a href="#">FCAP</a> ) Cummins 1921	Aftertreatment Diesel Particulate Filter Differential Pressure - Data Valid But Above Normal Operating Range - Moderately Severe Level
SN 3251 FMI 0 ( <a href="#">FCAP</a> ) 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:**

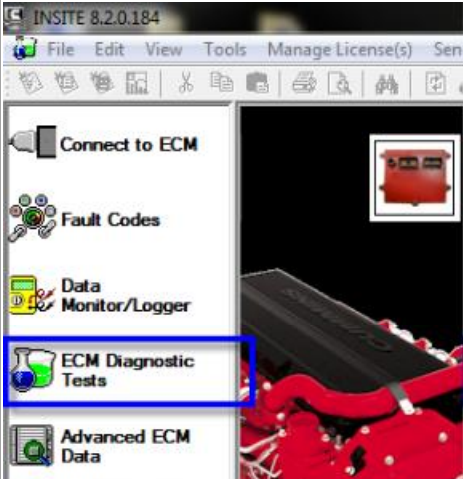
1. Airbox boot seal to the hood compromised. Middle section may appear bent or folded in. The seal position looks off-centered from the hood.

 <b>WARNING:</b>	
<b>Enter Warning Here</b>	

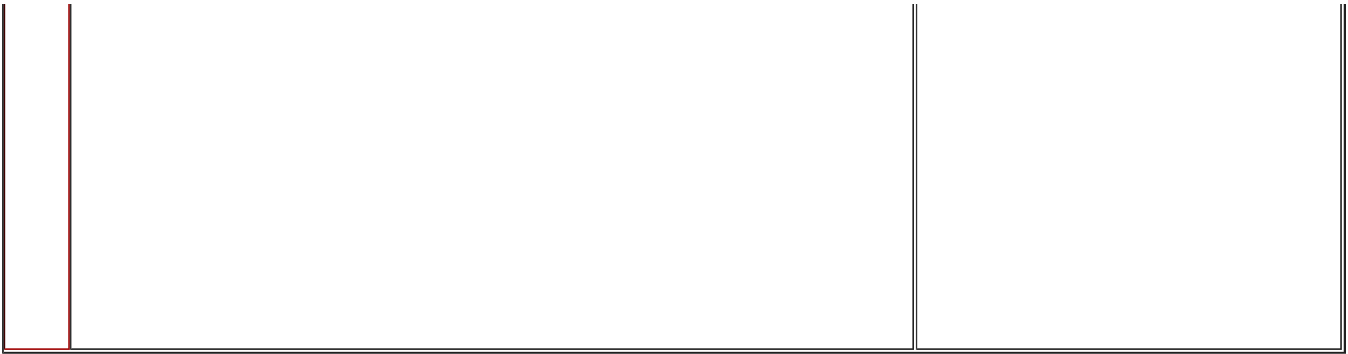
<b>CAUTION:</b>	
<b>Enter Caution Here</b>	

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

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Step	Action	Decision
2	<p><b>DIAGNOSTIC:</b></p> <p>Using Cummins Insite software, run the Rise over Ambient test (found in ECM Diagnostic Tests tab).</p>  <p>Is the ROA greater than 20F?</p>	<p><b>Yes.</b> Go to Step 3</p> <hr/> <p><b>No.</b> Article does not apply</p>

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



**Figure 1: Gap between Boot seal and Hood**



**Figure 2: Hood misaligned with respect to Boot seal**

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**WARRANTY INFORMATION**

**Warranty Claim Coding:**

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

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**Standard Repair Time(s):**

Refer to the [SRT Manual](#) for Repair Times

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**OTHER RESOURCES**

[Master Service Information Site](#)

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