



Countries: CANADA, UNITED STATES Document ID: IK2200152
Availability: ISIS, Bus ISIS, NotSIR Revision: 0
Major System: BUS BODY Created: 4/27/2023
Current Language: English Last Modified: 5/31/2023
Other Languages: NONE Author: Brandon Akridge
Viewed: 50

[Less Info](#)

Hide Details

Coding Information

Copy Link	Copy Relative Link	Bookmark	Add to Favorites	Print	Provide Feedback	Helpful	Not Helpful
		 View My Bookmarks				 1	 0

Title: CE Bus Engine Cover Sealing

Applies To: CE Bus

CHANGE LOG

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

05/31/2023 - Initial Article Release

DESCRIPTION

This document will guide the user through replacing the engine cover lower spacer for buses exhibiting air leaks through the seal.

SYMPTOM(s)

Customer Observations or Concerns:

Air leaks around the engine cover.

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
Seal, Engine Cover Foam	4356170C1	2	One per side

DIAGNOSTIC STEP(s)



WARNING:

To prevent personal injury and / or death, or property damage, park vehicle on hard flat surface, turn the engine off, set the parking brake and install wheel chocks to prevent the vehicle from moving in both directions.



WARNING:

To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance and all necessary personal protection equipment.

Step	Action	Decision
#1	DIAGNOSTIC: Does your bus have a gap in sealing below the engine cover as shown in Figure 1?	Yes. Instruction
		No. This iKnow does not apply.

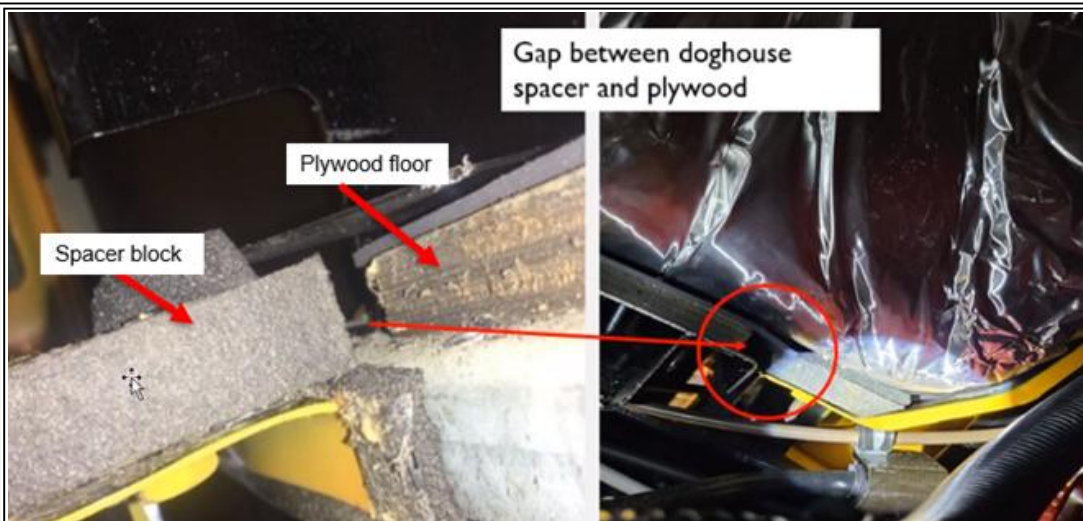


Figure #1: Air Gap

REPAIR STEP(s)

REMOVAL PROCEDURE:

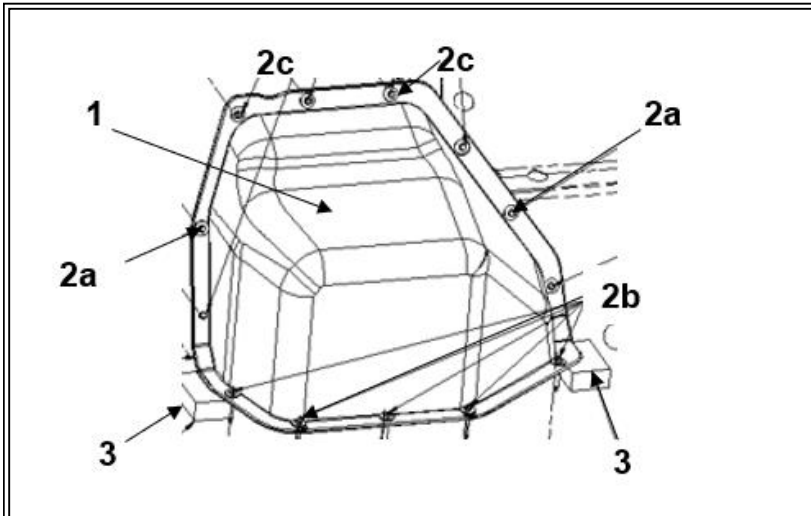


Figure #2: Engine Cover

Item 1: Engine Cover
Item 2: Mounting Bolts
Item 3: Spacer block

1. Remove the 13 mounting bolts, item 2 Figure 2, from the engine cover, save for reinstalling in a later step.
2. Remove the engine cover and set it aside for later use.
3. Remove the spacer block from each side and discard.

INSTALLATION PROCEDURE:

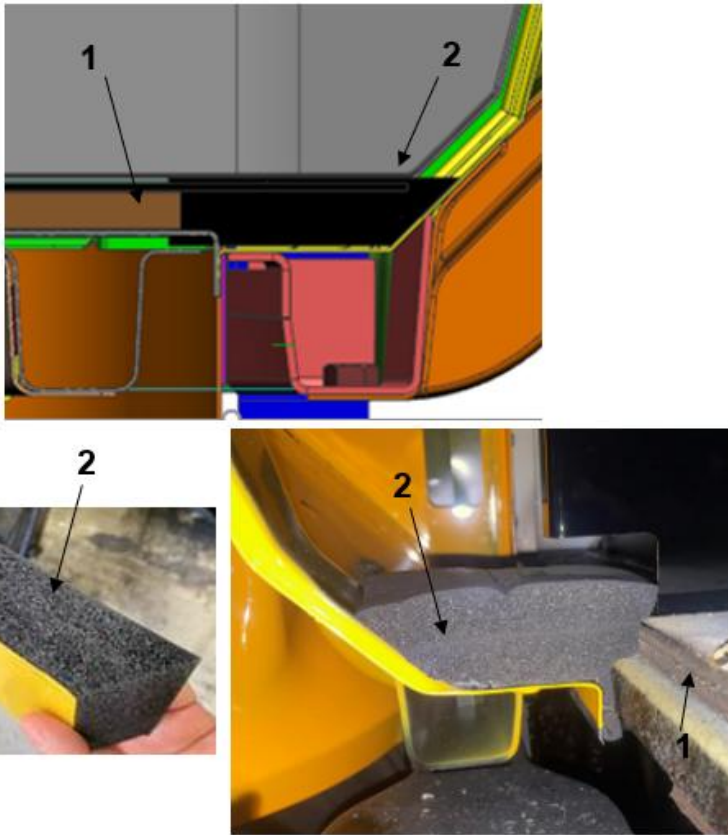


Figure #3: New foam spacer

Item 1: Plywood floor
 Item 2: Foam spacer
 Item 3: Adhesive backing

1. Remove the adhesive liner from the new foam spacer as shown in Figure 3.
2. Install the new foam spacer into the proper location as shown in Figure 3 ensuring no gap is present.
3. Reinstall engine cover into position
4. Reinstall the engine cover bolts, see Figure 2, in sequence 2a (torque 9-11 NM), 2c (torque 6-8 NM), and then 2b (torque 9-11NM)

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](#)

Not Helpful: 0

No Feedback Found