

REFERENCE:	Nova Bus Manuals
SECTION:	03 Windshield, Windows and Hatches
RS N°:	–
EFFECTIVE IN PROD.:	–
TC RECALL N°:	2012-393
NHTSA RECALL N°:	12V-549

APPLICATION DEADLINE:

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SUBJECT:	Emergency exit window
JUSTIFICATION:	The composition of the material used to cast the handles is incorrect resulting in embrittlement of the handle and a reduction in material strength. In the event the emergency exit window fails during an actual emergency situation, passengers may be trapped in the vehicle placing them at risk.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the emergency exit window handles.	Nova Bus	Nova Bus	40 min
2	–	–	–	–

## MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>				
4	N8900252	–	Emergency exit handle replacement kit	–
<b>LEVEL 2</b>				
–	–	–	–	–

Materials will be available within 7 days. To order, please contact PrevoSt Parts by phone at 1-800-771-6682, by fax at 1-888-668-2555 or by email at [prevostparts.commandes@volvo.com](mailto:prevostparts.commandes@volvo.com). Specify document number, quantity of parts required and shipping address.

## DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED *	RETAINED	* Dispose of the unused parts and the defective parts in accordance with local environmental standards in effect.
	Yes	–	

## REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2012OC23	Initial release	Danielle Lacroix

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Moncton (Codiac) - New Brunswick	L569	—	—	L82U4B4000001	L82U4B4000001	1
Moncton (Codiac) - New Brunswick	L570	—	—	L82U6B4000002	L82U6B4000002	1
University of Alabama - Alabama	L573	—	—	L82U9A4000137	L82U0A4000138	2

PRELIMINARY

**WARNING**

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Follow your internal safety procedures.

**PROCEDURE****NOTE**

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The following procedure is provided by Ricon. Nova Bus cannot be held responsible for its content.

Ricon also provides a short video clip, prepared by its technical group, that illustrates the procedure. It can be seen at:

<http://youtu.be/ThcHrAd67Ms>



PRELIMINARY

Author: Blas Velasco J. Juse	<b>Field Modification Instruction Egress Handle Replacement</b>	FMI 751-055 11/26/12 Rev: 003A
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**Field Modification Instructions for Product Line: Windows**

**Modification:** Egress Handle

Blas Velasco  
Jeremy Juse 11-26-12

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**Author** **Date**

Dante DeLeo 11-26-12

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**Director of Engineering** **Date**

Author:  
Blas Velasco  
J. Juse

## Field Modification Instruction Egress Handle Replacement

FMI 751-055  
11/26/12  
Rev: 003A

**Objective and Description of Changes:** To replace egress handle.

**Reason for Changes:**

**Product Affected:**

**Model Number:**

**Approximate time required for this change:** 5 minutes per unit (1 window)

**Personnel Required for Field Modification:** 1 person



**Tools & Hardware Required**

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**Field Modification Instruction  
Egress Handle Replacement**

FMI 751-055  
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**Material Included Windows Replacement Kit No. 48833**

<b>Qty:</b>	<b>Description:</b>
1	Egress Handle (P/N 5018)
2	Screw (P/N 5518)
2	Nuts (P/N 5530)
1	Rivet (P/N 48832)

Author: Blas Velasco J. Juse	<b>Field Modification Instruction Egress Handle Replacement</b>	FMI 751-055 11/26/12 Rev: 003A
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STEP 1: Open window by normally pulling on egress handle. In the event the handle is broken, refer to Step 1A on page 12 of this FMI.



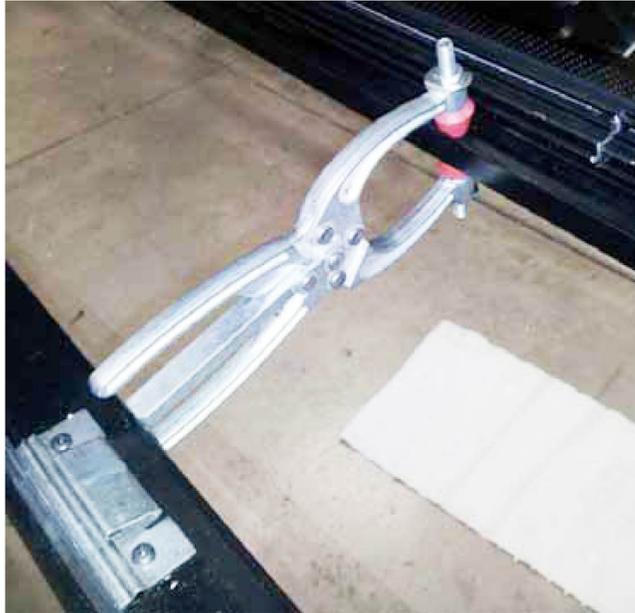
NOTE: Picture shown from inside of the bus



NOTE: Apply prop to keep window open for installation

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STEP 2: While maintaining tension on the release cable, position clamp as shown to hold catch bar in open position and maintain slack in cable.



NOTE: Picture shown from inside of the bus

STEP 3: Position of clamp holding on catch bar



NOTE: Picture shown from inside of the bus

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**Field Modification Instruction  
Egress Handle Replacement**

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STEP 4: Move deflector to expose top screw. Remove deflector only when necessary.



NOTE: Picture shown from inside of the bus

STEP 5: Remove the two screws



NOTE: Picture shown from inside of the bus

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### Field Modification Instruction Egress Handle Replacement

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STEP 6: Cut the tip of egress handle hook, as required to separate window cable loop from old handle.



NOTE: Picture shown from inside of the bus

STEP 7: Remove old handle from cable and discard.



NOTE: Picture shown from inside of the bus

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STEP 8: Install new handle.



NOTE: Picture shown from inside of the bus

STEP 9: Secure cable to new handle using rivet provided in kit.



NOTE: Picture shown from inside of the bus

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**Field Modification Instruction  
Egress Handle Replacement**

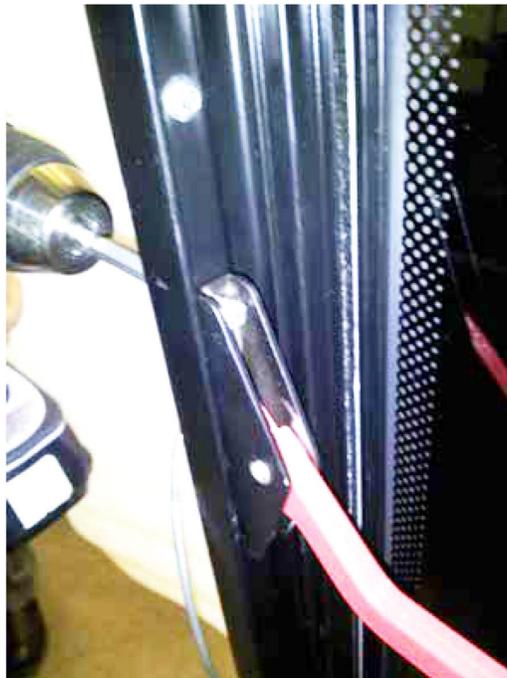
FMI 751-055  
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STEP 10: Place handle against frame align holes using one screw and install the nut.



NOTE: Picture shown from inside of the bus

STEP 11: Tightened both screws.



NOTE: Picture shown from inside of the bus

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NOTE: Apply glue to deflector, only when necessary. In the even deflector blocks required removal to access egress handle retaining screws, re-install using a cyanoacrylate type adhesive such as Loctite or equivalent.



Deflector

STEP 12: Install deflector on frame. Deflector orientation after installation of egress handle.



NOTE: Picture shown from inside of the bus

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NOTE: Deflector installation must be as shown to avoid water from coming in to the window.

STEP 13: Apply dolphin sealer or equivalent at top of deflector.



NOTE: Picture shown from inside of the bus

STEP 14: Apply white Lithium lubricant to window brackets as shown.



NOTE: Picture shown from inside of the bus

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## Field Modification Instruction Egress Handle Replacement

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If Egress Handle is broken then begin replacement following this procedure.



### Tools Required

Step 1A: Slightly pry open window frame with tool.

Caution: Use a cloth to avoid scratching window or window frame.



Slightly pry open window

Step 2A: Use hook tool to locate window cable loop that has detached from broken Egress Handle.

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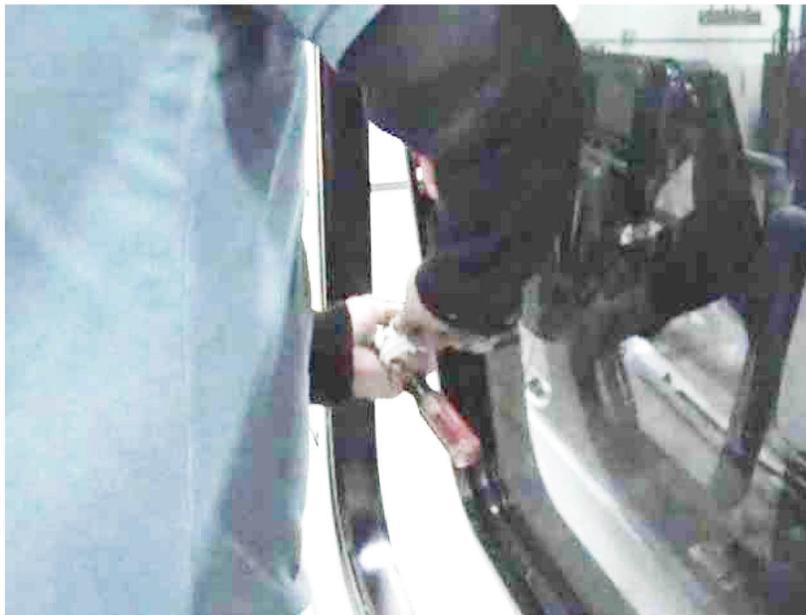
### Field Modification Instruction Egress Handle Replacement

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Use hook to locate window cable loop

Step 3A: Remove tool from window frame used to pry open window then pull on window cable to open window.



Pull window cable to open window

Proceed to Step 1 at the beginning of the procedure to remove and replace Egress Handle to complete installation.