

REFERENCE:	Nova Bus Manuals
SECTION:	14: Heating and Ventilation
RS N°:	MQR 7621-2265
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE: N/A

SUBJECT:	Bracket installation to add a strain relief on the MCC display screen wires.
JUSTIFICATION:	MCC Driver's Display Electrical Terminal Failure.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	New Bracket installation on upper driver panel	Client	Client	0.5 hr
2	-	-	-	-

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N81344	-	CABLE TIE-EC21 VERT 50LBS 8"L	-
4	N32320	-	SCREW M3 X 20 MACH PAN CR SS	-
2	N25917	-	NUT LOCKNYL M3 ZC DIN 985	-
2	N80260	-	WASHER M3 SS BLK OX DIN125	-
1	N104152	-	BRACKET - MCC DISPLAY WIRES	-
LEVEL 2				
-	-	-	-	-
SHOP SUPPLY				
-	-	-	-	-

Materials will be available within 102 days once your order has been placed.

To order, please contact novabus.parts@volvo.com

Or by phone for CANADA 1-800-771-6682, for USA 1-877-999-8808

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	2022MR24	Initial release	Rajendra N M

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Academy Busline - New Jersey	LE57	–	–	L82J9N3753381	L82J3N3753411	25
Academy Busline - New Jersey	LC95	–	–	L82J2L9777559	L82J9L9777560	2
Academy Busline - New Jersey	LD60	–	–	L82JXM3752934	L82JXM3752948	15

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Park the vehicle on an even surface with transmission in neutral (N).
- 1.2. Turn the ignition switch to OFF position and engage the parking brake.
- 1.3. Set the master control switch in the STOP position (see figure 1).

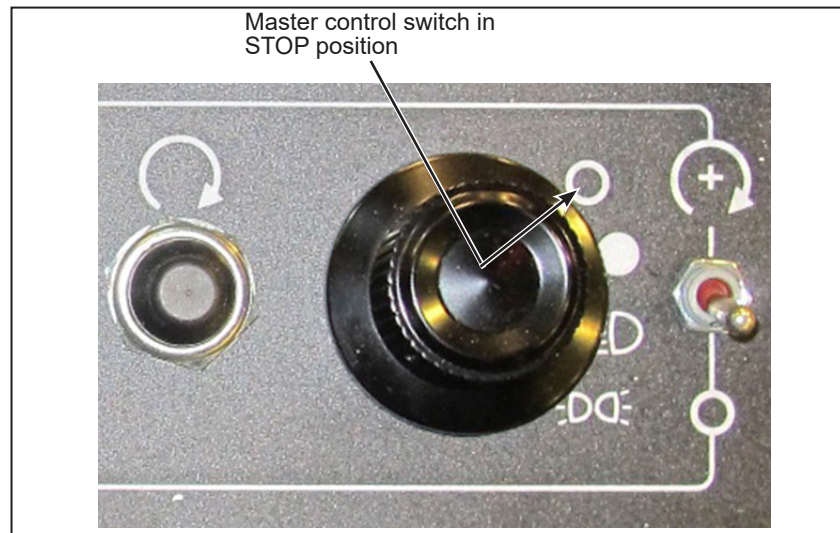


Figure 1 - Master Control Switch in STOP Position

- 1.4. Set the battery disconnect switch in the battery compartment to the OFF position (see figure 2).

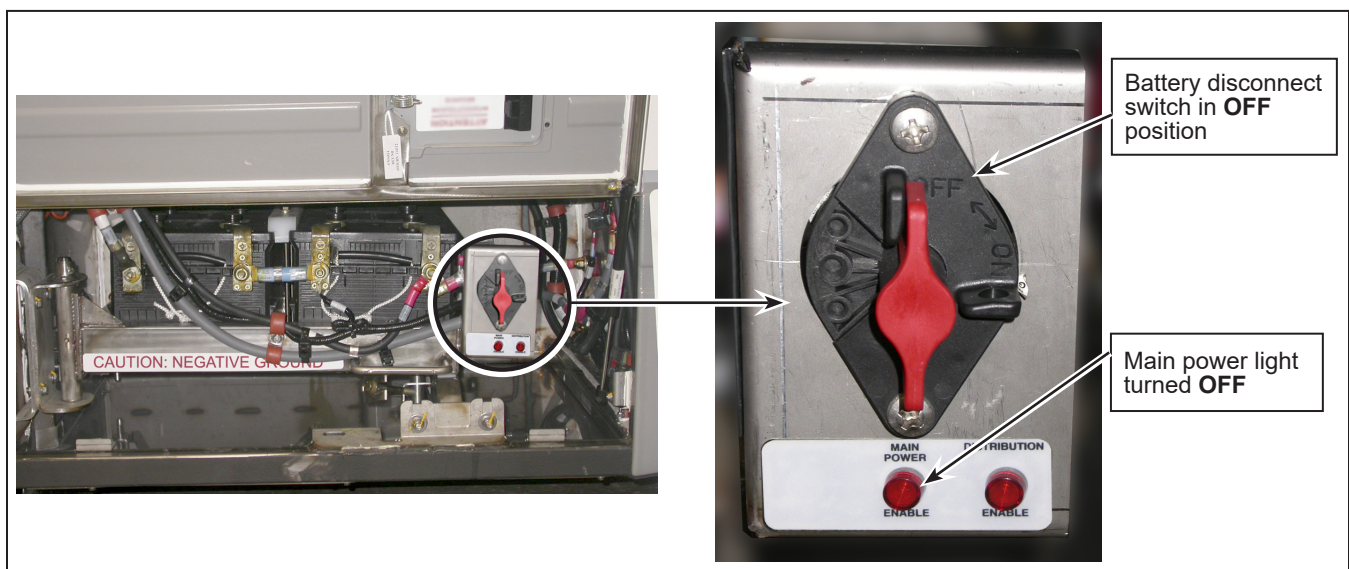


Figure 2 - View of Battery Disconnect Switch

1.5. Open the upper driver panel and locate the MCC display screen (see figures 3 & 4).

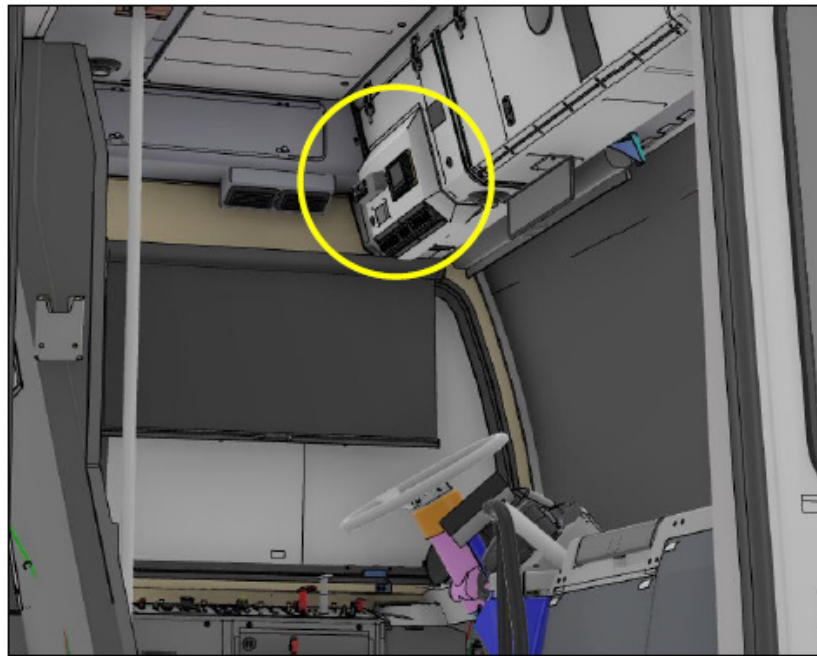


Figure 3 - MCC Screen Location

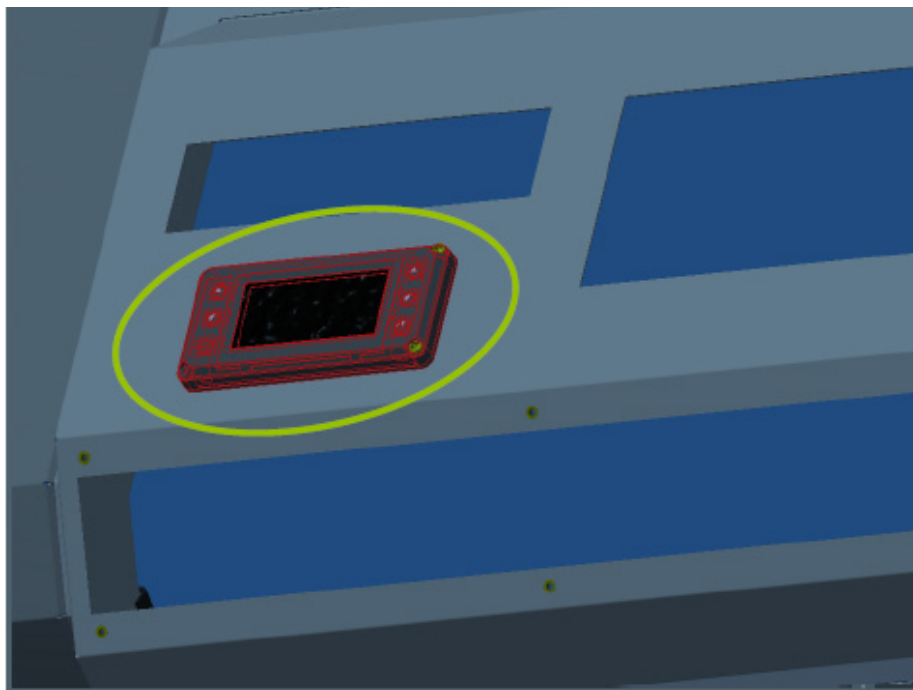


Figure 4 - MCC Screen Location.

- 1.6. Remove the old M3 screws and replace them with new M3 screws P/N N32320 (see figure 5).

**NOTE**

Do not over tighten the screws to avoid cracking the plastic retaining the screen.



Figure 5 - MCC Screen Location.

- 1.7. Install the bracket P/N N104152 using the M3 washer P/N N80260 and the M3 Locknyl nut P/N N25917 (see figure 6).

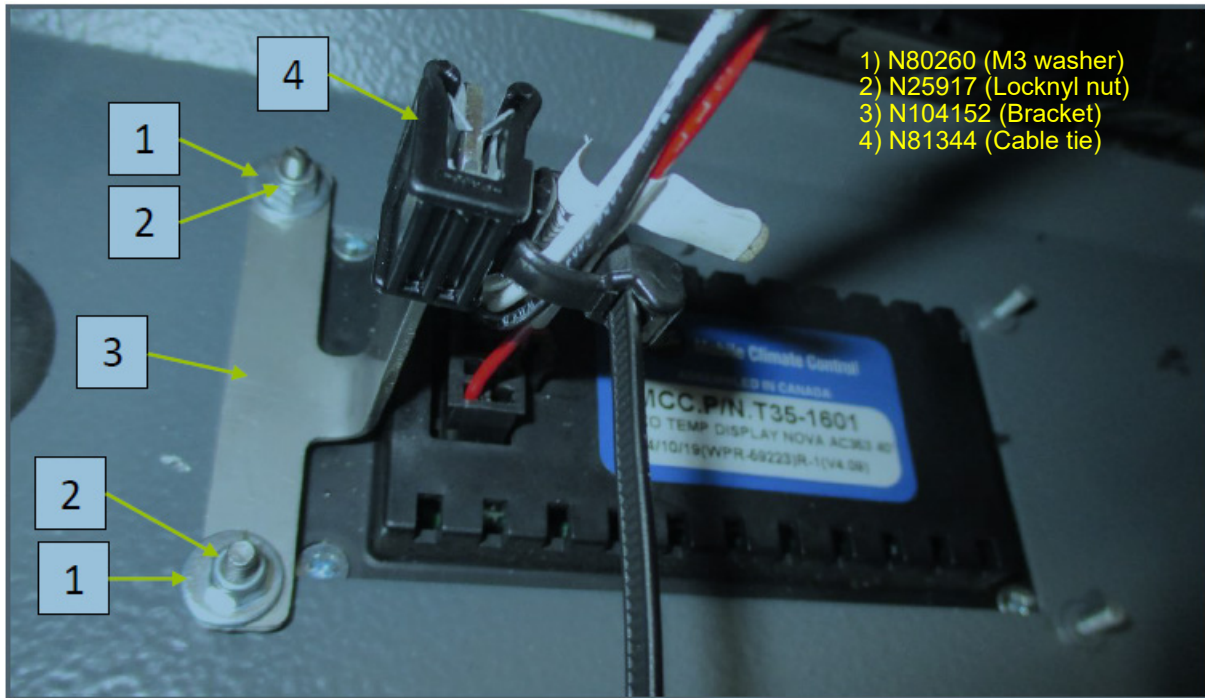


Figure 6 - Bracket Installation

- 1.8. Install the serrated cable tie P/N N81344 using the cable tie, secure the wires (see figure 6).
- 1.9. Cut the excess cable tie and close the driver upper panel.
- 1.10. Return the bus to service. ❖