

REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical System
RS N°:	MQR 7621-2385
EFFECTIVE IN PROD.:	LD08 (2021AU)

APPLICATION DEADLINE:N/A

SUBJECT:	Stop Announcement System
JUSTIFICATION:	A faulty coupler could prevent reception of the GPS signal and result in no stop announcements.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the GPS antenna 90° coupler.	Client	Client	45 min
2	–	–	–	–

MATERIAL REQUIRED PER VEHICLE

QTY	PART N°	REV.	DESCRIPTION
LEVEL 1			
1	N102295	–	COUPLER 90° TNC CONNECTOR
LEVEL 2			
–	–	–	–

To order, please contact the Nova Bus Customer Assistance Center:
 For CANADA 1-800-771-6682 or novabus.parts@volvo.com
 For USA 1-877-999-8808 or novabus.parts@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	2022JA13	Initial release	Annie St-Jacques

APPROVED BY:

Jean-Nicolas Fournier

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 Date: 2022.01.14 10:10:21 -05'00'

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NQF772002 VERSION 3

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit New York - NYCT	LC78	9620	—	L82L4L9777581	L82L6L9777582	2
New York City Transit New York - NYCT	LD23	—	9621	L82LXL9777634	L82L5L9777668	3
New York City Transit New York - NYCT	LC79	9623	9784	L82L1M9777782	L82L4M9777954	162
New York City Transit New York - NYCT	LD06	8755	8758	L82J3L9777778	L82J3L9777781	4
New York City Transit New York - NYCT	LD64	9785	9894	L82L0M9777871	L82L0M9778132	126

**WARNING**

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

PROCEDURE

- 1.1. Park the vehicle on a leveled surface and set the transmission shift selector to **NEUTRAL (N)**. Apply the parking brake.
- 1.2. Set the master control switch to the **ENG STOP** position (**O**).
- 1.3. In the battery compartment, set the battery disconnect switch to the **DISABLE** position (**OFF**).
- 1.4. Locate the GPS antenna (Figure 1).

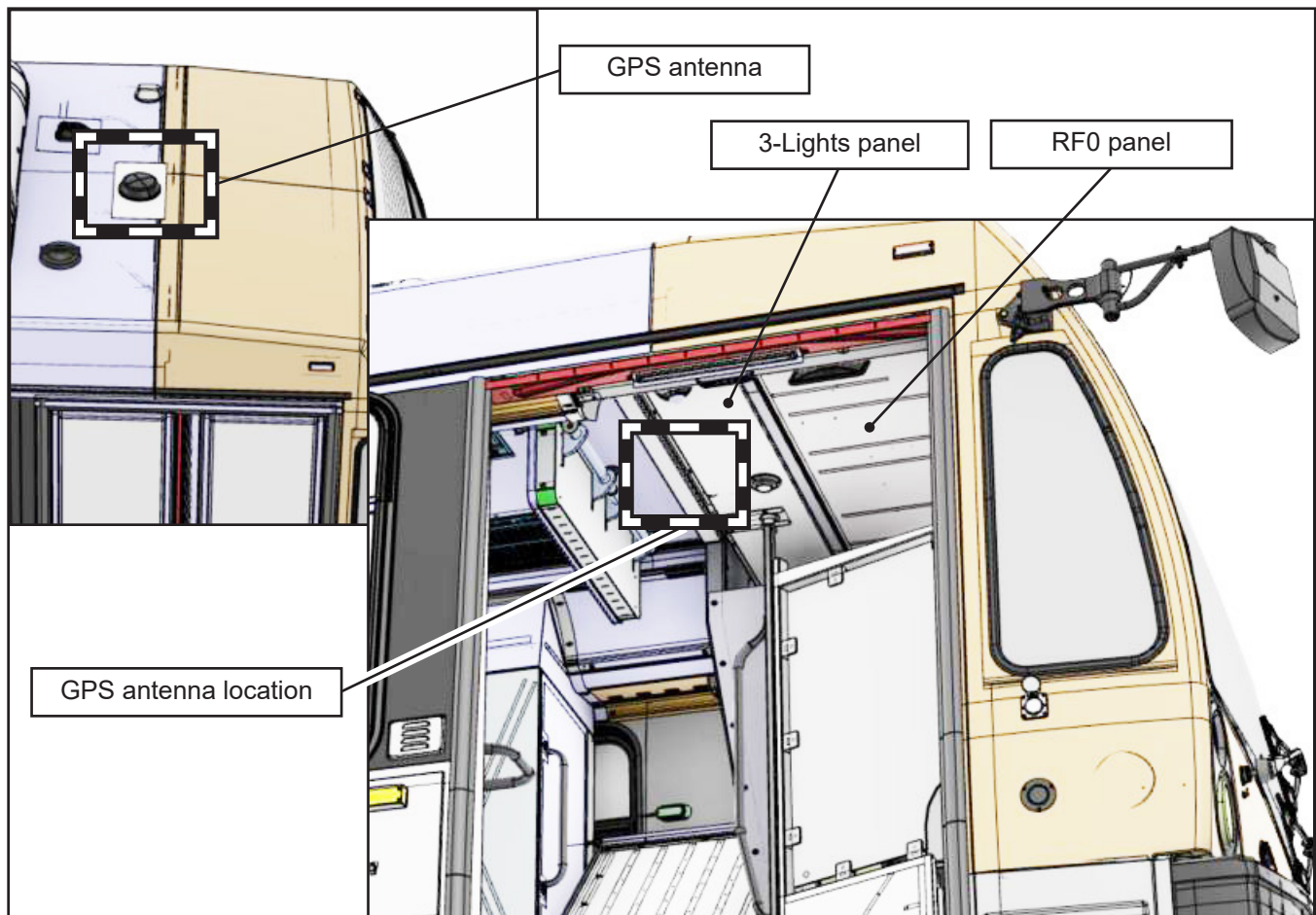


Figure 1 - GPS Antenna Localisation

- 1.5. Remove the 3-lights panel (Figure 2). Keep all parts and hardware.
 - a. Unscrew the 4 screws and remove the cover plate.
 - b. Unscrew the screws at the back of the 3-lights panel and the ones at the front. These are accessible when the RFO panel is open.
 - c. Slowly lower the 3-lights panel and disconnect the three lights, the camera and the speaker. Put away the 3-lights panel.

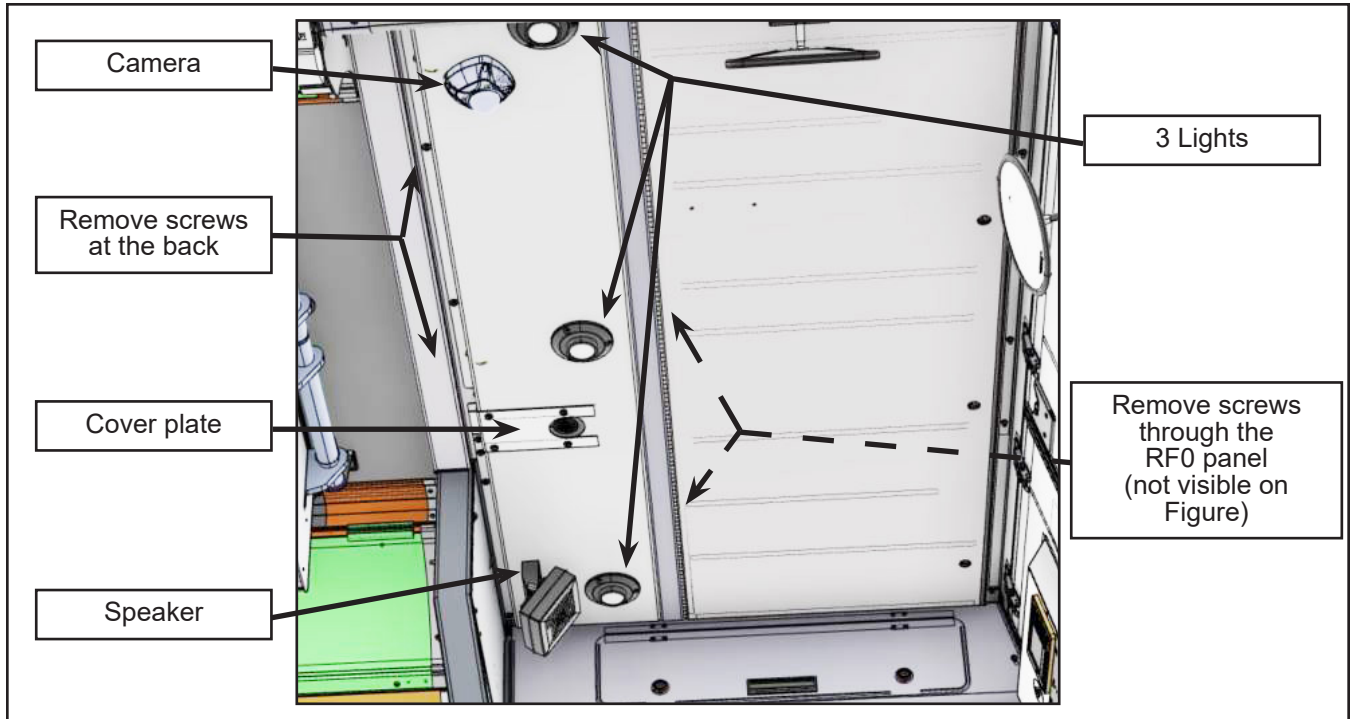


Figure 2 - 3-Lights Panel

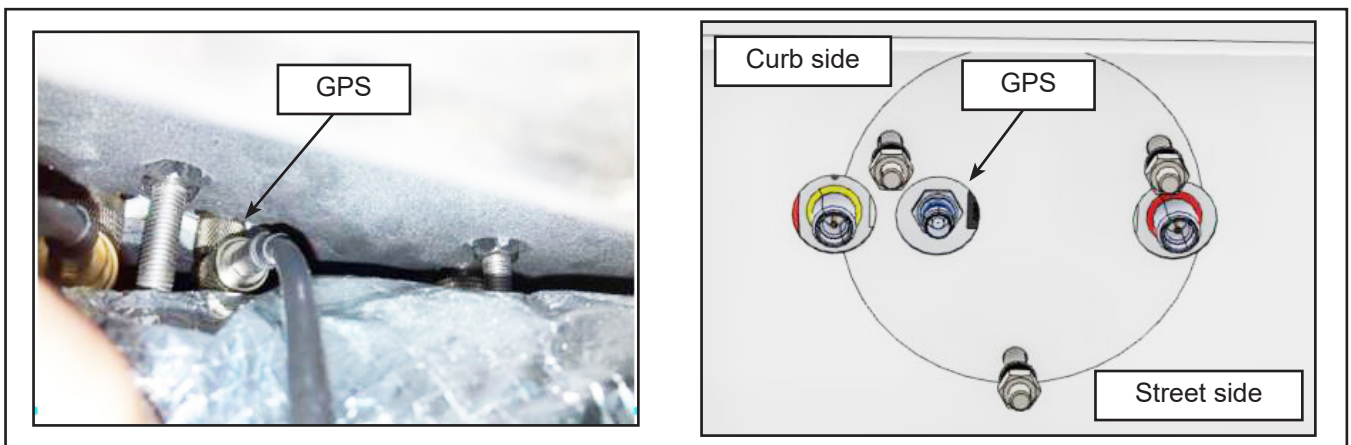


Figure 3 - GPS Connector

- 1.6. Locate the GPS antenna connectors (Figure 3).
- 1.7. Disconnect the GPS cable with its 90° coupler. Disconnect the 90° coupler and discard.
- 1.8. Connect the new 90° coupler N102295 (Figure 4) to the GPS antenna connector.



Figure 4 - 90° Coupler N102295

- 1.9. Reconnect the GPS cable.
- 1.10. Reinstall the 3-lights panel.
 - a. Reconnect the speaker, the camera and the 3 lights.
 - b. Install all removed screws to mount the 3-lights panel.
 - c. Reinstall the cover plate.
- 1.11. In the battery compartment, set the battery disconnect switch to the **ENABLE** position (**ON**)
- 1.12. The vehicle can return in service. ❖