

REFERENCE:	Nova Bus Manuals
SECTION:	08 Braking Sytem
RS N°:	MQR 7621-582
EFFECTIVE IN PROD.:	L670 (2011AU25)

APPLICATION DEADLINE:
2014MR09

SUBJECT:	Parking brake valve location
JUSTIFICATION:	Parking brake valve could be reached from an open operator's window.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Relocate the parking brake valve	Nova Bus	Nova Bus	45 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
3	G5011423	–	3/8" compression ring	–
1	N26228	–	Internal toothed star washer	–
1	N65235	–	Name plate	N55248
4 ft	8861845	–	3/8" tubing	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 42 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. 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	2013FE28	Initial release	Luc Carignan

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit - New York	L536	1200	1201	S92U793000490	S92U993000491	2
New York City Transit - New York	L545	1202	1289	S92U5A4000001	S92U0A4000098	88
New York City Transit - New York	L608	8000	8014	L82U6B4000047	L82U0B4000061	15
New York City Transit - New York	L620	8015	8074	L82U2B4000062	L82U7B4000123	60
New York City Transit - New York	L621	8075	8089	L82U9B4000124	L82U9B4000138	15

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Block the vehicle's wheels.
- 1.2. Completely drain the air systems.
- 1.3. Open the pneumatic control panel.
- 1.4. Disconnect the air lines (supply and delivery) connected to the parking brake valve. See Figure 1.
- 1.5. Disconnect the air line linking the emergency brake release valve and the parking brake valve. See Figure 1.
- 1.6. Disconnect the wire from the parking brake valve's pressure switch. Retain the hardware. See Figure 1.

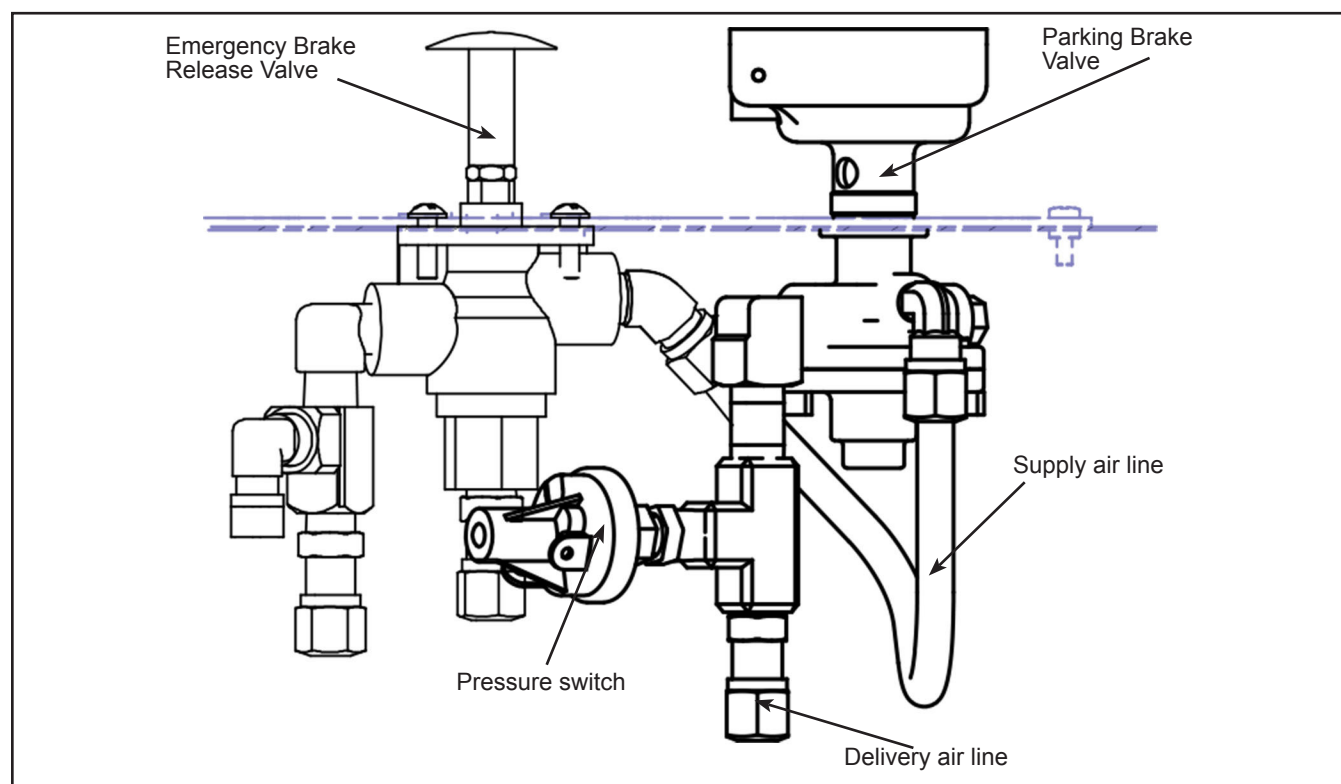


Figure 1 - Brake Valve Installed on Pneumatic Control Panel

- 1.7. Open the operator's control panel access door.
- 1.8. Remove the safety cage (knob enclosure) from the parking brake valve knob.
- 1.9. Remove the parking brake valve from the pneumatic control panel. Retain the valve and hardware.

- 1.10. Drill a hole of 29/32 in. (23 mm) on the top portion of the adjustment bracket of the operator's control console. See Figure 2.

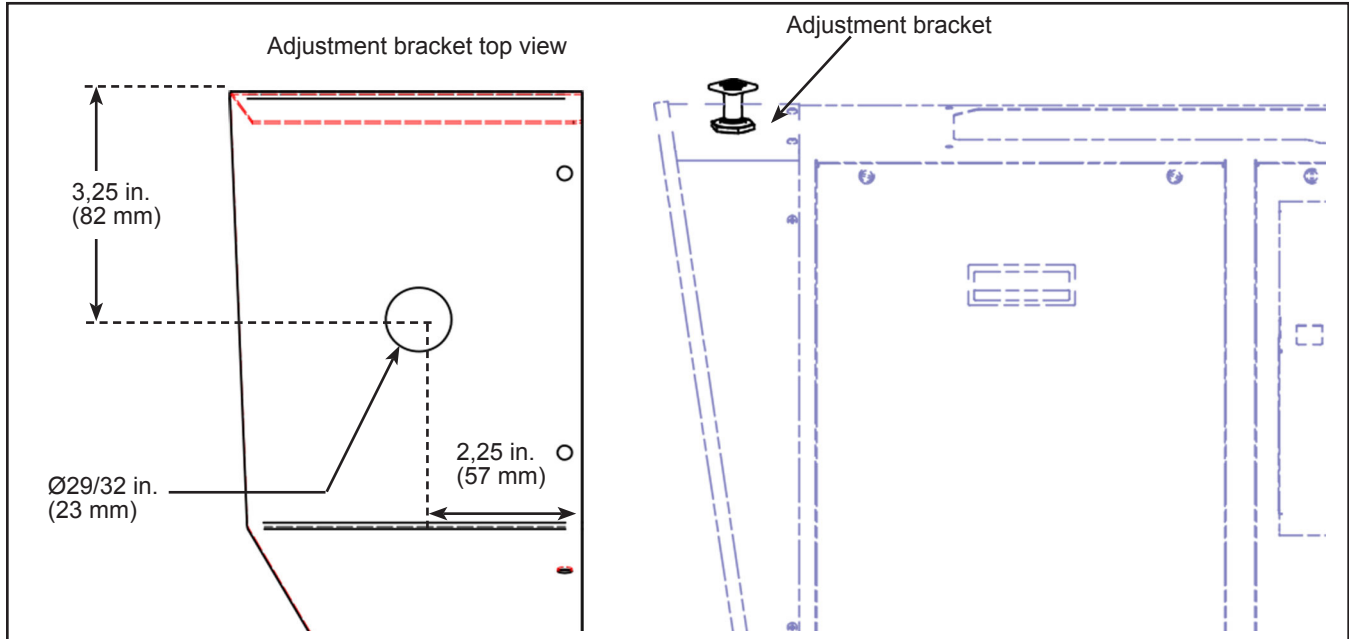


Figure 2 - Hole Position on the Adjustment Bracket

- 1.11. Connect the 3/8" tubing 8861845 using a compression ring G5011423 on the emergency brake release valve. See Figure 3.
- 1.12. Connect the other extremity of the 3/8" hose 8861845 using a compression ring G5011423 to the Parking brake valve. See Figure 3.
- 1.13. Install the Parking brake valve in the hole drilled in the adjustment bracket, using an internal toothed star washer N26228 between the nameplate and the valve nut. See Figure 3.
- 1.14. Position the delivery air line on the parking brake valve in such a way as to measure the exceeding portion to cut.
- 1.15. Connect the delivery air line on the parking brake valve using a compression ring G5011423. See Figure 3.

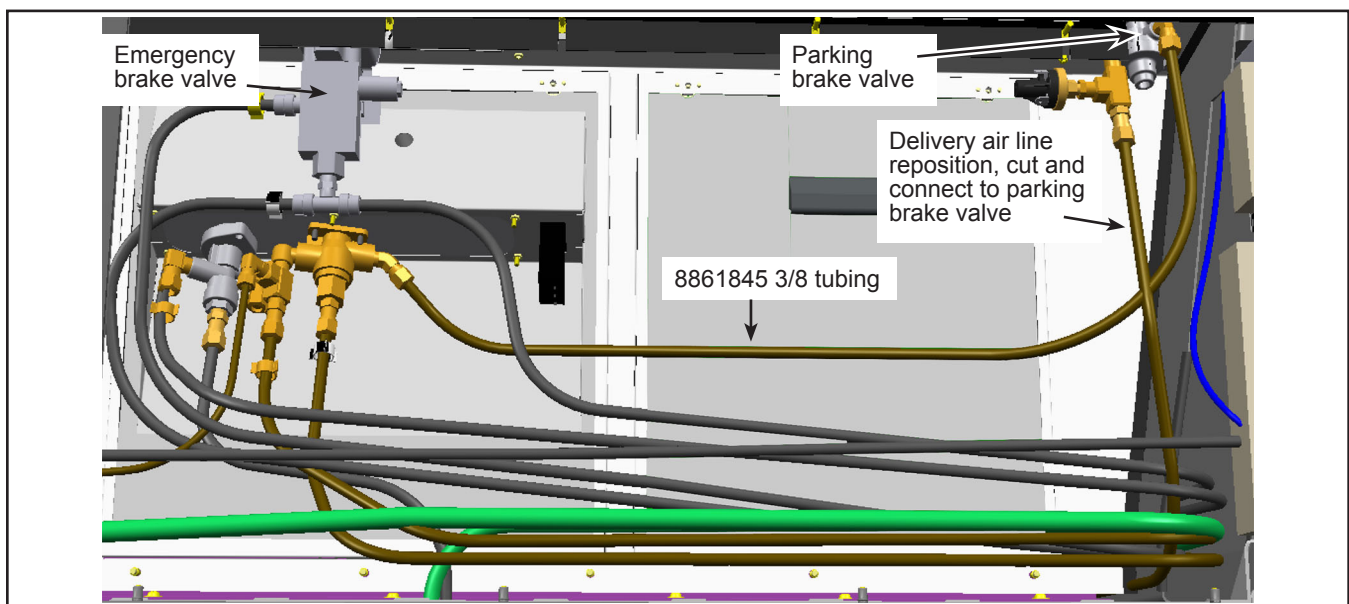


Figure 3 - Rear View of the New installation of Parking Brake Valve

- 1.16. Connect the disconnected wire to the parking brake valve pressure switch using the retained hardware. If necessary cut the tie wrap from the harness to obtain enough length for the connection of the wire.
- 1.17. Remove the emergency brake release valve and the emergency door release valve from the name plate. Retain the hardware.
- 1.18. Remove the nameplate from the pneumatic control panel. Retain the hardware.
- 1.19. Install the nameplate N65235 on the pneumatic control panel using the retained hardware.
- 1.20. Install the emergency brake release valve and the emergency door release valve on the name plate N65235 using the retained hardware.
- 1.21. Start the vehicle and bring the air pressure to the maximum pressure of the vehicle.
- 1.22. Spray soapy water on the parking brake and emergency brake valve. Identify and repair any leak.
- 1.23. Close the pneumatic control panel.
- 1.24. Close the operator's control panel access door.❖