

REFERENCE:	Nova Bus Manuals
SECTION:	09: Engine and cooling, hydraulic system
RS N°:	MQR 7621-504
EFFECTIVE IN PROD.:	—

APPLICATION DEADLINE: 2016MA17
CLAIM REFERENCE NUMBER: WB-3144

SUBJECT:	Hydraulic manifold block
JUSTIFICATION:	Possible hydraulic manifold leakage.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the O-ring on the cartridge valve and tighten to the torque indicated in this document.	Nova Bus	Nova Bus	40 min
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N8901647	—	Cartridge O-ring	—
—	—	—	—	—
LEVEL 2				
Materials will be available within 56 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	2015FE17	Initial release	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
CMBC (TransLink) - British Columbia	L412	9401	9401	L82X993000136	L82X993000136	1
CMBC (TransLink) - British Columbia	L454	9402	9470	L82X793000359	L82XX93000453	69
CMBC (TransLink) - British Columbia	L455	9471	9491	L82X093000459	L82X993000489	21
CMBC (TransLink) - British Columbia	L482	9492	9517	L82X894000040	L82X094000064	25
CMBC (TransLink) - British Columbia	L483	9518	9542	L82X294000065	L82X594000089	25
CMBC (TransLink) - British Columbia	L532	9543	9551	L82U093000497	L82U693000505	9
CMBC (TransLink) - British Columbia	L533	9552	9573	L82U193000511	L82U093000537	22
CMBC (TransLink) - British Columbia	L534	9574	9590	L82U694000124	L82U894000139	16
CMBC (West Vancouver) - British Columbia	L539	901	909	L82U494000140	L82U994000148	9
CT Transit - Connecticut	L554	1041	1065	S92U1A4000139	S92U0A4000164	25
CT Transit - Connecticut	L571	1101	1110	S92YXB4000144	S92Y4B4000169	10

**WARNING**

Follow your internal safety procedures.

PROCEDURE

1.1. Locate the hydraulic manifold block in the engine compartment.

Drain the hydraulic fluid; see section 09: HYDRAULIC SYSTEM under the drain procedure heading in the Nova Bus maintenance manual. Hydraulic block fluid drained locally by unplugging a hose from the hydraulic block or a side plug. Retain the hydraulic fluid in an appropriate clean container for reuse.

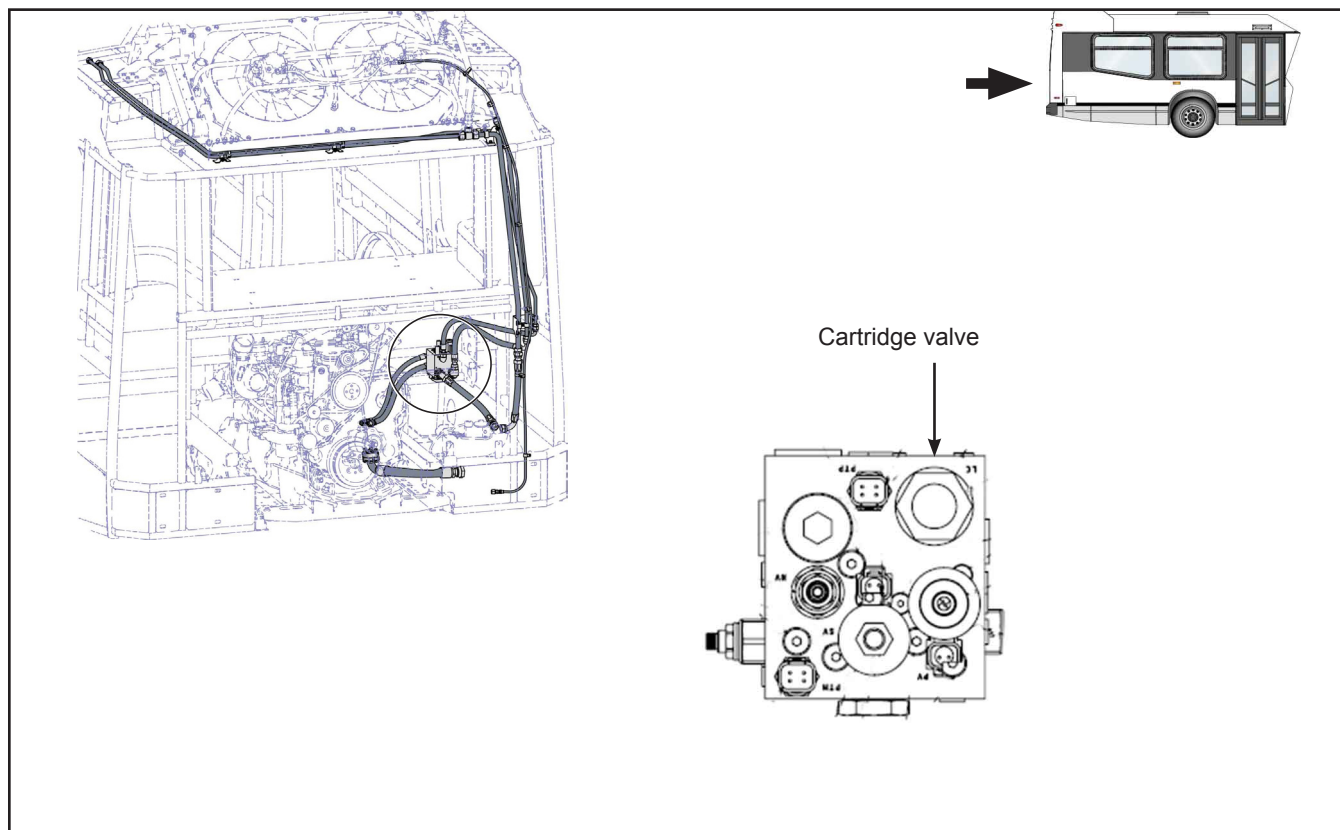


Figure 1 - Hydraulic Manifold Block Location

CARTRIDGE VALVE

- 1.2. Remove the cartridge valve.

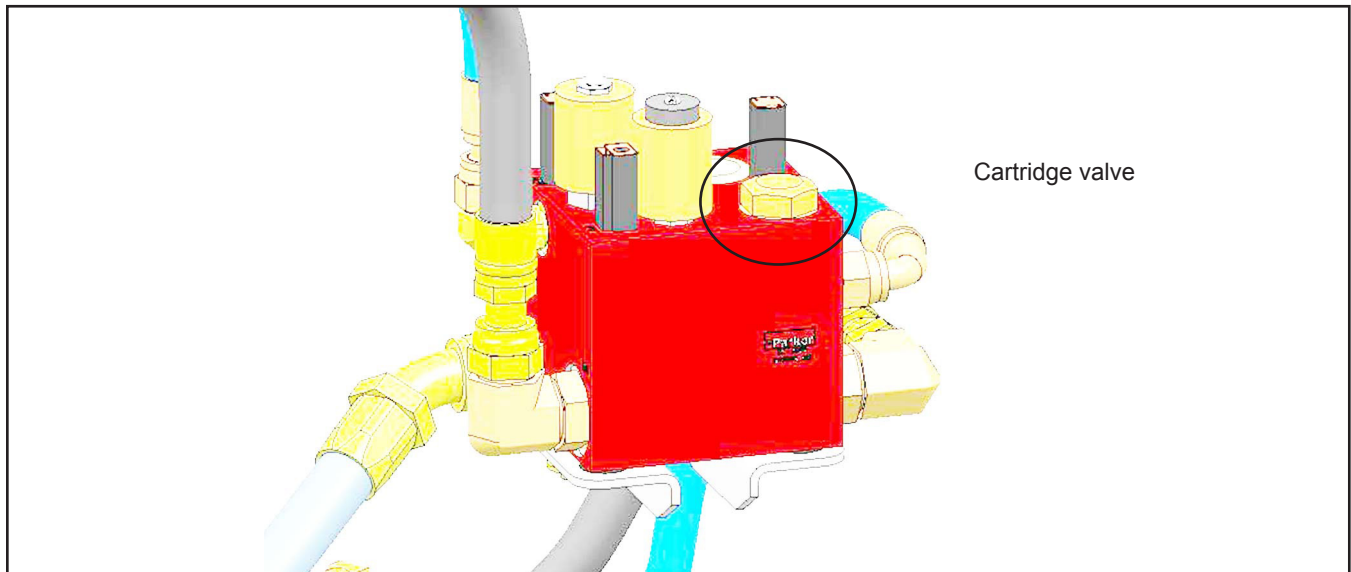


Figure 2 - Cartridge Valve Location

- 1.3. Replace the O-ring.

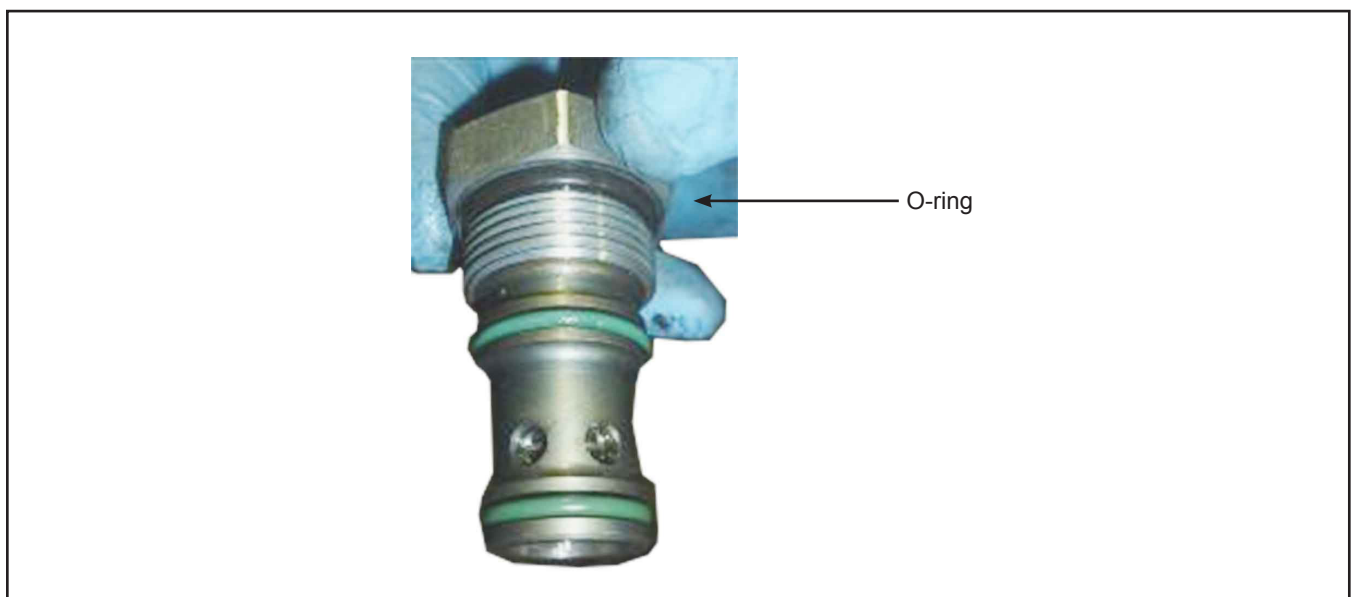


Figure 3 - Hydraulic Manifold Cartridge Valve Location

- 1.4. Install the cartridge valve.
- 1.5. Tighten the cartridge valve to the specified torque in Figure 4.

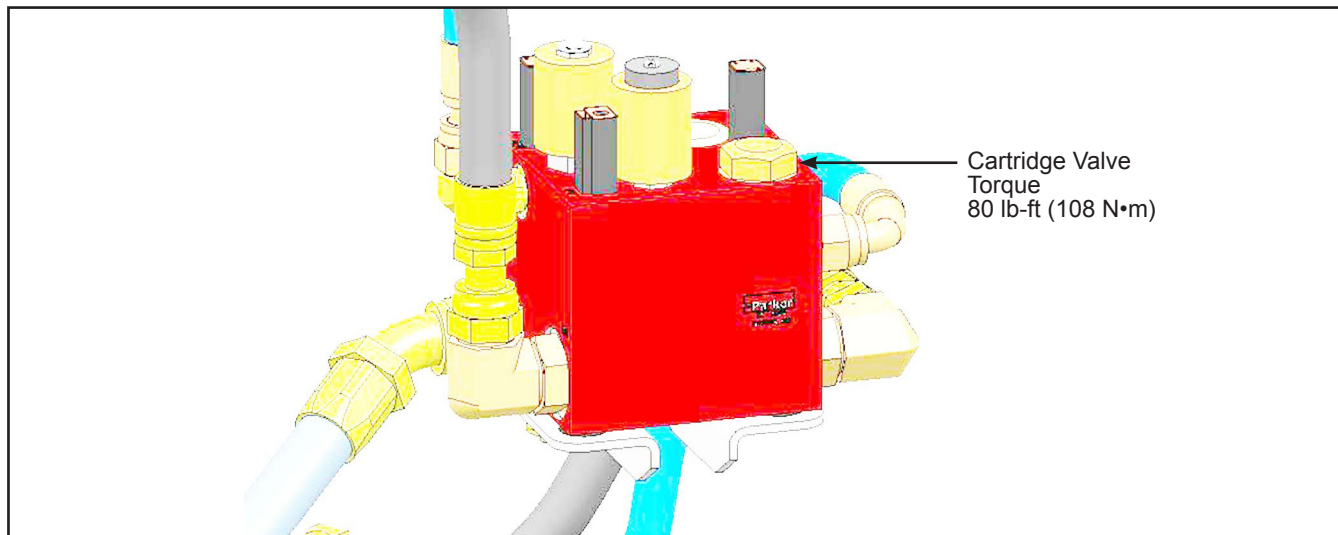


Figure 4 - Valve Torque

- 1.6. Fill the hydraulic fluid; see filling procedure in section 09: Hydraulic system in the Nova Bus maintenance manual. Reuse the clean retained hydraulic fluid.
- 1.7. The vehicle can be returned to service.❖