

REFERENCE:	Nova Bus Manuals
SECTION:	11: Fuel Lines
RS N°:	N/A
EFFECTIVE IN PROD.:	LB22 (2018FE)

APPLICATION DEADLINE: 2019NO30
CLAIM REFERENCE NUMBER: WB-4275

SUBJECT:	CNG fuel filter hose
JUSTIFICATION:	Fitting on fuel filter hose is incompatible with the fitting on the side of the engine.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the fuel filter hose with the one having the correct fitting type.	Nova Bus	Nova Bus	20 min
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N95839-01	—	Hose CNG eng low pressure 25.5 in	N72334
LEVEL 2				
—	—	—	—	—

Materials will be available within 27 days once your order has been placed. 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 *	* To be reimbursed, the parts must be retained and returned in accordance with the usual warranty procedure.
	—	Yes	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2018SE26	Initial release	André Pelletier

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Calgary Transit - Alberta	L733	8201	8202	L82AXD3000926	L82A1D3000927	2
Hamilton - Ontario	L885	1501	1524	L82K3F4501093	L82K0F4501214	24
Hamilton - Ontario	L956	1601	1632	L82K2G9775325	L82K3G9775415	32
Hamilton - Ontario	LA05	1633	1643	L82K4G9775553	L82K7G9775577	11
Hamilton - Ontario	LA63	1701	1705	L82K5J9776430	L82K2J9776434	5
Hamilton - Ontario	LA63	1706	1719	L82K2J9776448	L82K5J9776461	14
Hamilton - Ontario	LA63	1801	1811	L82K4J9776435	L82K0J9776447	11
NFTA - Buffalo, New York	L877	1501	1501	L82K0F4500984	L82K0F4500984	1
NFTA - Buffalo, New York	L897	1502	1520	L82K1F4501223	L82K1G9775008	19
NFTA - Buffalo, New York	L947	1601	1624	L82KXG9775248	L82K3G9775320	24
NFTA - Buffalo, New York	LA24	1701	1716	L82K3H9775822	L82K5H9775837	16
Red Deer - Alberta	L960	10021	10025	L82K9G9775418	L82K3G9775429	5
Red Deer - Alberta	L924	10104	10147	L82K0G9775517	L82KXG9775542	12
San Antonio Texas	L990	-	-	L82K5G9775464	L82K5G9775464	1
San Antonio Texas	LA10	422	446	L82K9G9775628	L82K8G9775653	25
San Antonio Texas	LA22	447	555	L82K8H9775654	L82K0H9775762	109
San Antonio Texas	LA34	556	580	L82K0H9775857	L82K8H9775881	25
San Antonio Texas	LA35	581	691	L82KXH9775882	L82K8H9775993	111

**WARNING**

Follow your internal safety procedures. CNG systems should be maintained and inspected, per the applicable codes, by trained, qualified, and/or certified personnel.

As with all pressure vessels, CNG storage and fuel delivery systems are dangerous and should be treated as such. Personnel involved in CNG fuel system maintenance, emergency response, servicing, testing or inspecting must be properly trained, qualified, and/or certified as required by federal, state/provincial, and municipal regulations.

**WARNING**

CNG systems should be maintained and inspected exclusively by trained personnel with certifications in accordance with the applicable codes. As with all pressure vessels, CNG storage and fuel delivery systems are inherently dangerous and should be treated as such. Individuals involved in any aspect of CNG fuel system maintenance, emergency response, servicing, or testing must be properly trained and certified. Individuals who are not trained and certified in all aspects concerning CNG fuel delivery systems are NOT permitted to service, maintain, test, or inspect a system in any way.

Protective footwear and eyewear should be worn by all personnel in close proximity to a CNG system.

When locating the source of a leak only, use certified leak detecting solutions and equipment such as FBI®, combustible gas detector, Swagelok Snoop®, Hoke Leak Detective®. Any other product or solutions are unacceptable.

Only use tools that are in good working order with proper calibration.

Wear appropriate attire while servicing or maintaining any CNG system.

Do NOT start the engine if a natural gas leak is detected.

CNG storage pressure can be as high as 4,250 psi (29,303 kPa).

PROCEDURE

- 1.1. Make sure that the vehicle is turned **OFF**.
- 1.2. Turn the manual shut off-valve on the FMM to the **OFF** position. See Figure 1.



Figure 1 - Shut-off Valve on the FMM

- 1.3. Start the engine from the engine compartment and run until it stops due to fuel starvation. Low pressure gauge on the FMM should read zero.

**WARNING**

Never attempt to depressurize or vent a system by loosening a fitting.

- 1.4. Once the pressure has been removed, the filter housing may be drained by turning the drain cock counter-clockwise until it stops, or liquid begins draining. Once liquid has ceased to drain, turn the drain cock clockwise until fully seated hand tight. See Figure 2.

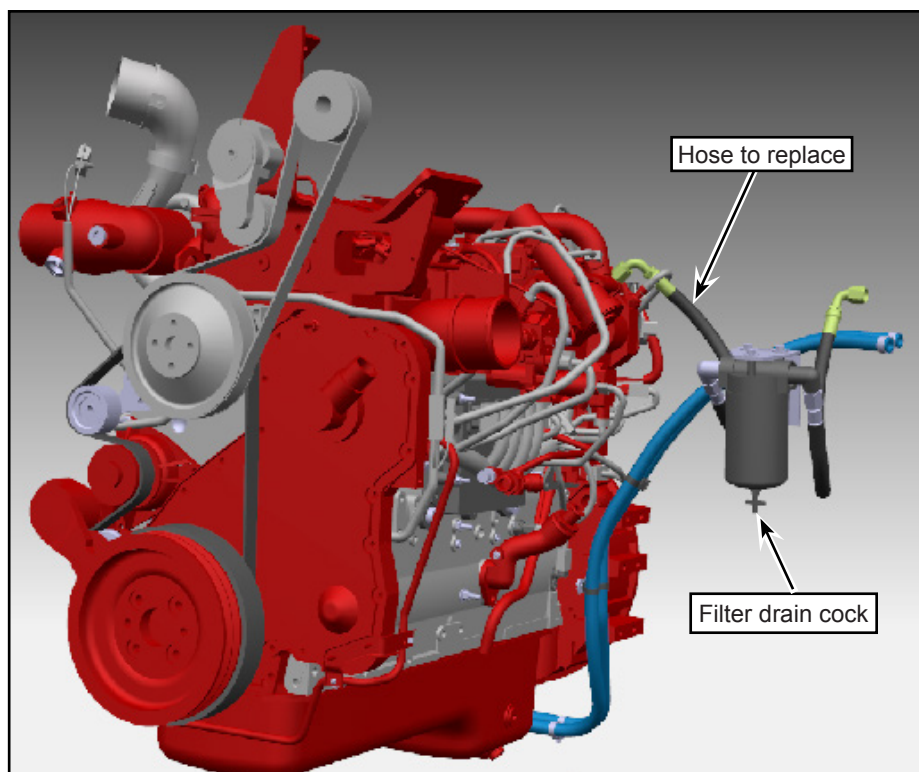


Figure 2 - Filter And Hose Location

- 1.5. To replace the hose between the filter and the engine, shown in Figure 2, it is recommended to get access by the engine trap from the inside of the vehicle.

**WARNING**

Do not disassemble new fittings prior to use.

Do not attempt to torque fittings while system is pressurized.

- 1.6. Replace the hose and torque both ends to 60 ± 3 lb-ft (81 ± 4 N•m) while holding the fitting body securely.
- 1.7. Turn the manual shut off-valve on the FMM to the **ON** position. See Figure 1.
- 1.8. Apply a certified leak detecting solution and look for bubbling or foaming at the site of a potential leak.
- 1.9. Return the vehicle in service. ❖