

REFERENCE:	Nova Bus Manuals
SECTION:	09: Engine And Cooling
RS N°:	MQR 7621-676
EFFECTIVE IN PROD.:	L840 (2014SE)

APPLICATION DEADLINE: 2016MA24
CLAIM REFERENCE NUMBER: WB-3140

SUBJECT:	Low coolant level sensor
JUSTIFICATION:	Low coolant level sensor warning

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace coolant level sensor	Nova Bus	Nova Bus	30min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N79776	–	Low coolant level sensor	N35498-02
LEVEL 2				
–	–	–	–	–

Materials will be available within 28 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	2015-FE-24	Initial release	Marc Rougeau

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit - New York	L643	5895	5895	S92U1B4000143	S92U1B4000143	1
New York City Transit - New York	L670	5770	5770	S92UXC4500061	S92UXC4500061	1
New York City Transit - New York	L670	5771	5857	S92U9B4000147	S92U3B4000242	87
New York City Transit - New York	L670	5858	5886	S92U4C4500024	S92U9C4500052	29
New York City Transit - New York	L670	5889	5894	S92U4C4500055	S92U8C4500060	6
New York City Transit - New York	L681	5896	5913	S92U2C4500023	S92U5C4500078	18
New York City Transit - New York	L681	5915	5933	S92U3C4500080	S92U0C4500098	19
New York City Transit - New York	L681	5935	5943	S92U5C4500100	S92UXC4500108	9
New York City Transit - New York	L681	5945	5957	S92U8C4500110	S92U8C4500124	13
New York City Transit - New York	L681	5959	5266	S92U1C4500126	S92U9C4500178	42
New York City Transit - New York	L681	5268	5283	S92U7C4500180	S92U9C4500195	16
New York City Transit - New York	L692	5285	5310	S92U0C4500196	S92U6C4500221	26
New York City Transit - New York	L692	5312	5363	S92UXC4500223	S92U3D4500274	52

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. See section 9: Engine and cooling in the maintenance manual.
- 1.2. Drain 5 gallons from the surge tank into a clean container, the coolant will be reused.
- 1.3. Through the rear emergency exit hatch obtain access to the surge tank grill on the roof (see Figure 1).



Figure 1 - Rear emergency exit and and surge tank grill on the roof

- 1.4. Remove 5 bolts that secure the grill. Remove the grill (see Figure 2).

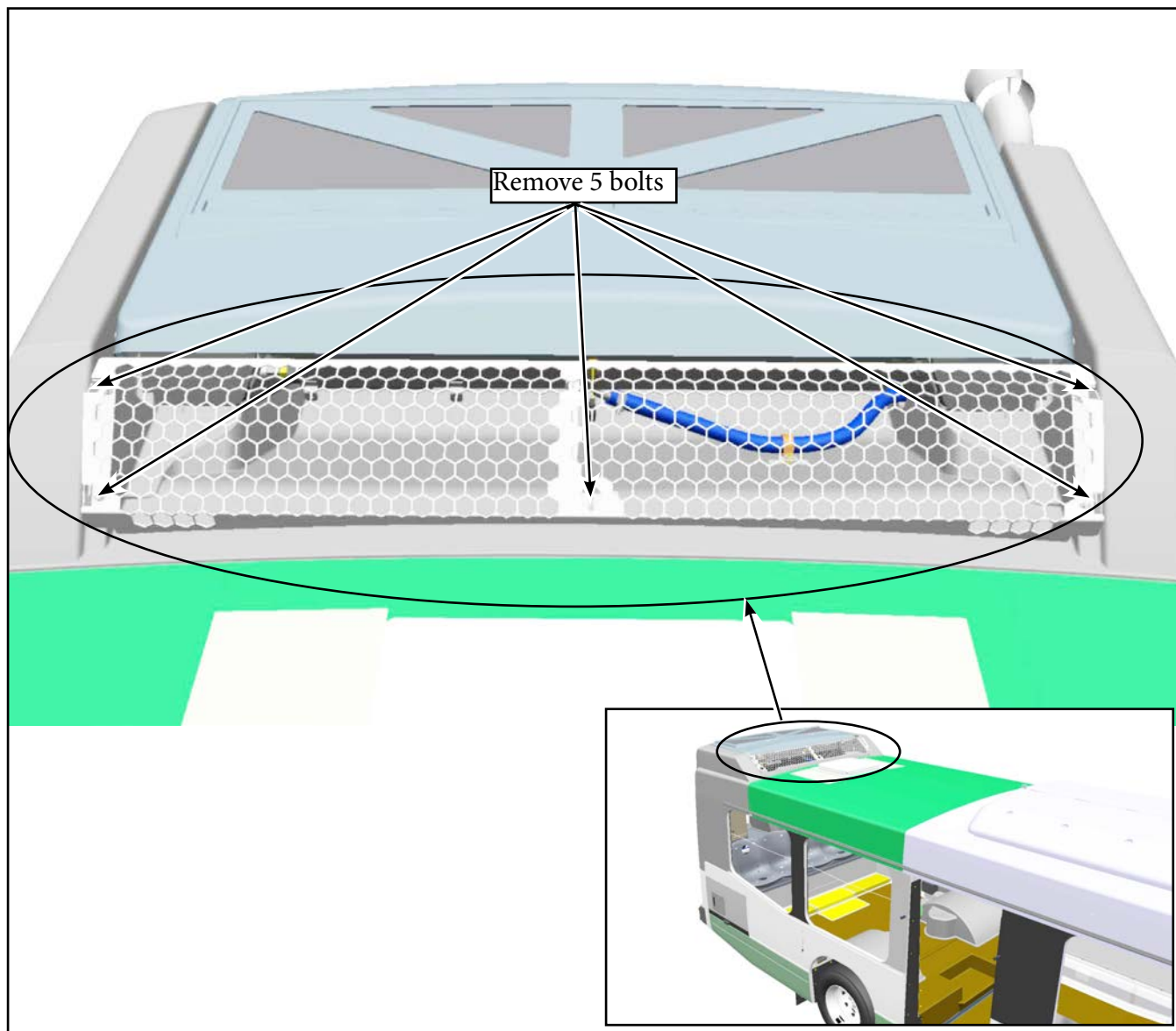


Figure 2 - Remove grill

- 1.5. Disconnect the low level sensor connector and remove using a 16mm open flat wrench (see Figure 3).
(Note: the coolant sensor must be removed slowly to prevent spray out due to the surge tank being pressurized)
- 1.6. Remove any teflon tape remaining on the threads in the surge tank. Apply teflon tape on the threads of the new sensor (see Figure 3).
- 1.7. Apply never seez over the teflon tape on the new sensor (see Figure 3).

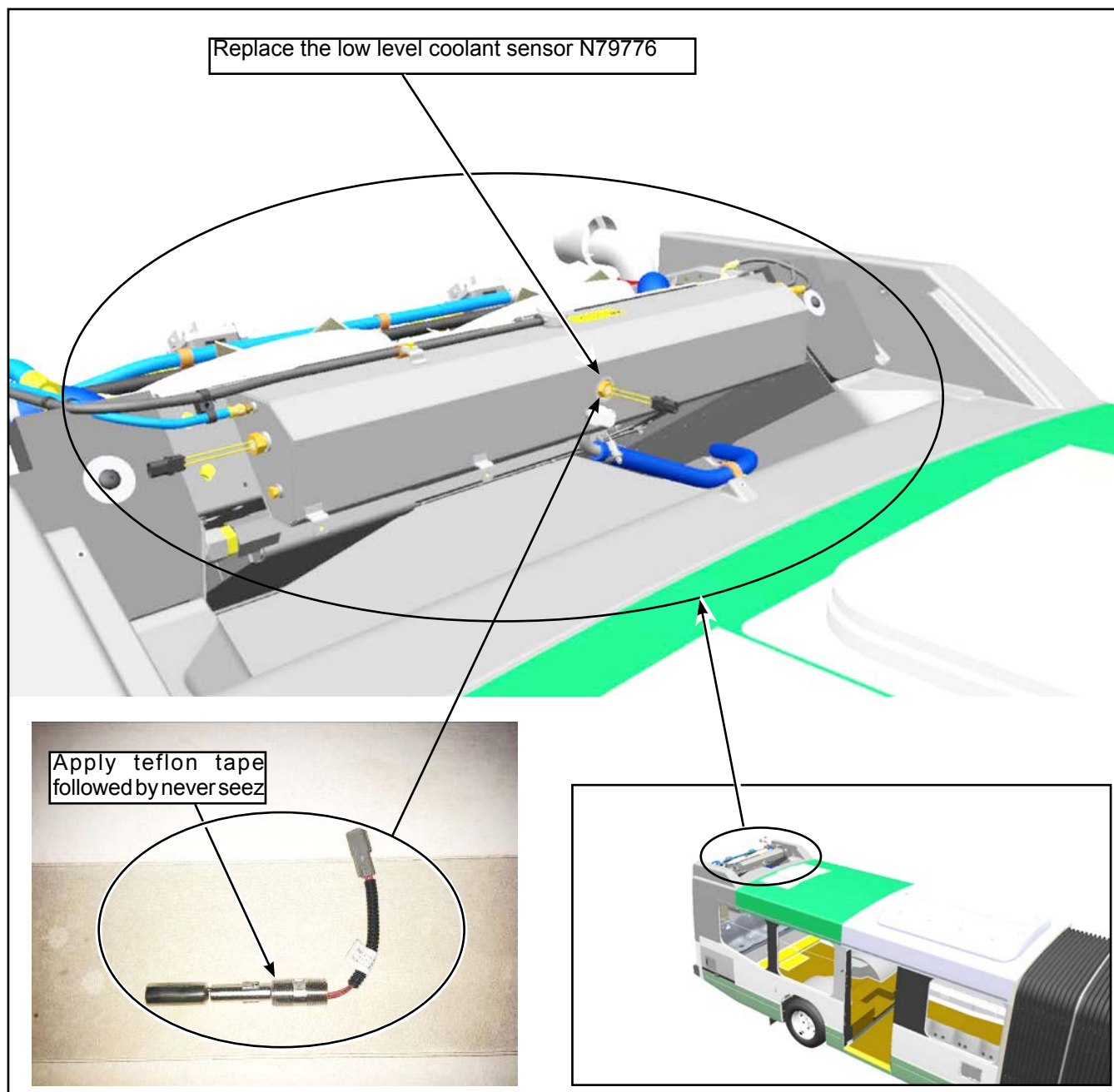


Figure 3 - Replace the low level coolant sensor

- 1.8. Hand thread the sensor into the surge tank until tight then use a 16mm open flat wrench to rotate an additional 1 to 2 turns with the normally open (NO ↑) arrow facing up once the rotations are completed. Also notice the white dot will be at the top position (see Figure 4).
- 1.9. Reconnect low level coolant sensor.
- 1.10. Fill surge tank to the appropriate level, verify for leaks.
- 1.11. Install grill and secure using 5 bolts with blue Loctite.❖

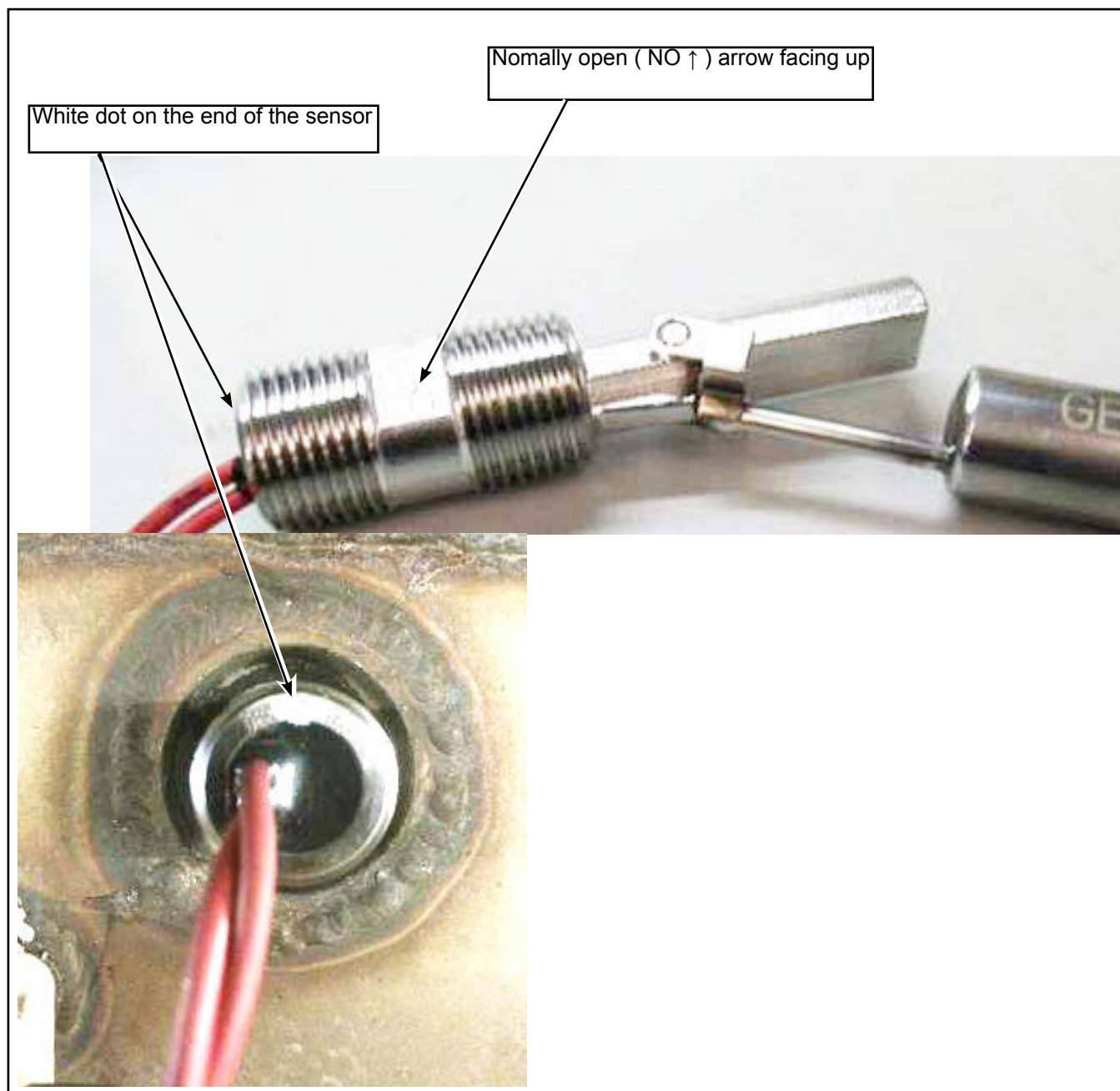


Figure 4 - Low level coolant level sensor position