

REFERENCE:	Nova Bus Manuals
SECTION:	14: Heating and ventilation
RS N°:	MQR 7621-681
EFFECTIVE IN PROD.:	–

APPLICATION DEADLINE: 2015JL01
CLAIM REFERENCE NUMBER: WB-3180

SUBJECT:	A/C compressor belt
JUSTIFICATION:	A/C compressor belts are splitting down the center.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Change the compressor belt.	Nova Bus	Nova Bus	30 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N78165	–	Compressor Belt 79"	N68866
LEVEL 2				
–	–	–	–	–

Materials will be available within 30 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	2014MA29	Initial release	Bertrand Plouffe

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit - New York	L681	5265	5268	S92U7C4500177	S92U7C4500180	4
New York City Transit - New York	L681	5270	5271	S92U0C4500182	S92U2C4500183	2
New York City Transit - New York	L681	5274	5275	S92U8C4500186	S92UXC4500187	2
New York City Transit - New York	L681	5277	5278	S92U3C4500189	S92UXC4500190	2
New York City Transit - New York	L681	5280	5283	S92U3C4500192	S92U9C4500195	4
New York City Transit - New York	L692	5291	5291	S92U2C4500202	S92U2C4500202	1
New York City Transit - New York	L692	5299	5301	S92U1C4500210	S92U5C4500212	3
New York City Transit - New York	L692	5303	5303	S92U9C4500214	S92U9C4500214	1
New York City Transit - New York	L692	5305	5305	S92U2C4500216	S92U2C4500216	1

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Open the rear engine access door.
- 1.2. Locate the A/C compressor. See Figure 1.

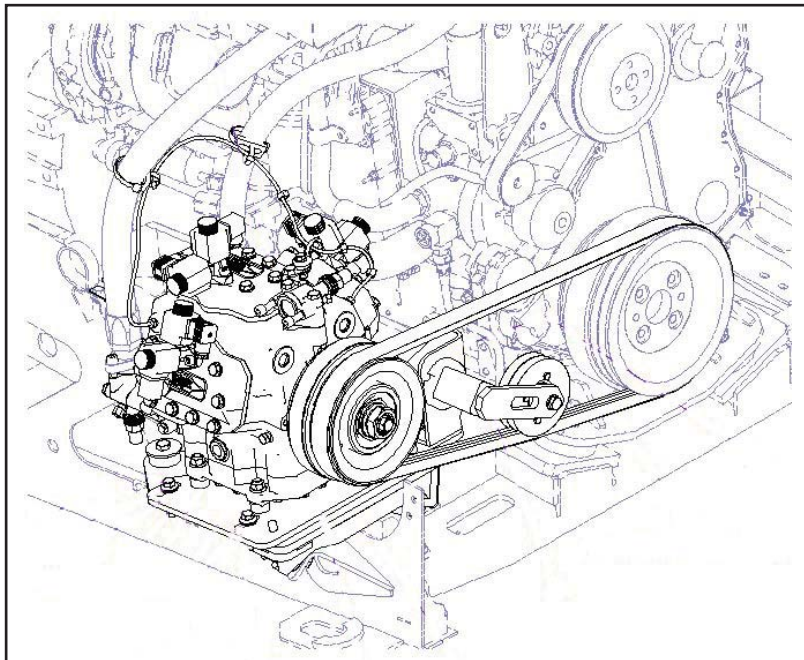


Figure 1 - A/C Compressor Location

- 1.3. Remove the A/C compressor belt in accordance with section 14: **HEATING AND VENTILATION** in the Nova Bus maintenance manual. Discard the belt.
- 1.4. Install the new N78165 compressor belt in accordance with section 14: **HEATING AND VENTILATION** in the Nova Bus maintenance manual.
- 1.5. Align the compressor belt in accordance with section 14: **HEATING AND VENTILATION** in the Nova Bus maintenance manual.
- 1.6. Tension the compressor belt in accordance with section 14: **HEATING AND VENTILATION** in the Nova Bus maintenance manual.

**NOTE**

Disregard the belt tension value in the maintenance manual. Apply a tension value of $220 \pm 5\text{lb}$ (980 ± 22 newtons) to the compressor belt.

- 1.7. Close the rear engine access door.
- 1.8. Start the engine and let it run for 30 minutes.
- 1.9. Open the rear engine access door.
- 1.10. Re-tension the compressor belt in accordance with section 14: HEATING AND VENTILATION in the Nova Bus maintenance manual.

**NOTE**

Disregard the belt tension value in the maintenance manual. Apply a re-tension value of 200 lb (890 newtons) to the compressor belt.

- 1.11. Close the rear engine access door.
- 1.12. The vehicle may be returned to service.

**NOTE**

At the next scheduled service at 3,000 or 6,000 miles (5,000 or 10,000 km), re-tension the belt to 190 lb (845 newtons). ❖