

REFERENCE:	Nova Bus Manuals
SECTION:	16: V-BEA (Volvo bus electronic architecture)
RS N°:	MQR 7621-602
EFFECTIVE IN PROD.:	L734 (2013JA)

APPLICATION DEADLINE: 2014JL14

SUBJECT:	Main panel harness
JUSTIFICATION:	Main panel harness rubs against the metal behind the hinge protection

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Install loom on the harness and change the routing near the main panel hinge	Nova Bus	Nova Bus	45min
2	-	-	-	-

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
600mm	N28083-09	-	Slit convoluted tubing (I.d. 25mm)	-
600mm	N28083-11	-	Slit convoluted tubing (I.d. 29mm)	-
250mm	N28083-07	-	Slit convoluted tubing (I.d. 18mm)	-
LEVEL 2				
-	-	-	-	-

Materials will be available within 22 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	2013JN20	Initial release	Luc Carignan

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
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
New York City Transit - New York	L643	5895	5895	S92U1B4000143	S92U1B4000143	1
New York City Transit - New York	L670	5771	5894	S92U9B4000147	S92U8C4500060	124
New York City Transit - New York	L670	5770	5770	S92UXC4500061	S92UXC4500061	1
New York City Transit - New York	L681	5896	5986	S92U2C4500023	S92U9C4500164	91
New York City Transit - New York	L681	5253	5283	S92U0C4500165	S92U9C4500195	31
New York City Transit - New York	L692	5284	5363	S92U3C4500158	S92U3D4500274	80

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Open the Main electric panel door.
- 1.2. Remove all tie wraps located on the harness from 6 in. (152 mm) before and 6 in. (152 mm) after the main panel hinge. See Figure 1.
- 1.3. Regroup the wire in a way to ease the installation of the convoluted tubing. Move the extra wire length on the door section. You may need to remove more tie wraps to move the extra wire length.
- 1.4. Install 6 in. (152 mm) slit convoluted tubing on the harness section crossing on top of the main electric panel hinge. The slit side of the convoluted tubing should not face the hinge. Select tubing size according to harness size. See Figure 1.

**NOTE**

Some harnesses may need to be split into two section for the installation of the convoluted tubing. If a sections harness needs to be split in two, install the slit convoluted tubing on the section closest to the hinge, i.e the underside of the harness. See Figure 1.

- 1.5. Fix the slit convoluted tubing using electrical tape at each end and every 2 in. (50 mm) along the length of the convoluted tubing.
- 1.6. Fix all modified harness sections to the main electric panel tie wraps anchored in such a way to obtain 3/4 in. (20 mm) of clearance between the hinge protection and the convoluted tubing. See Figure 1.
- 1.7. Close the main electric panel.❖

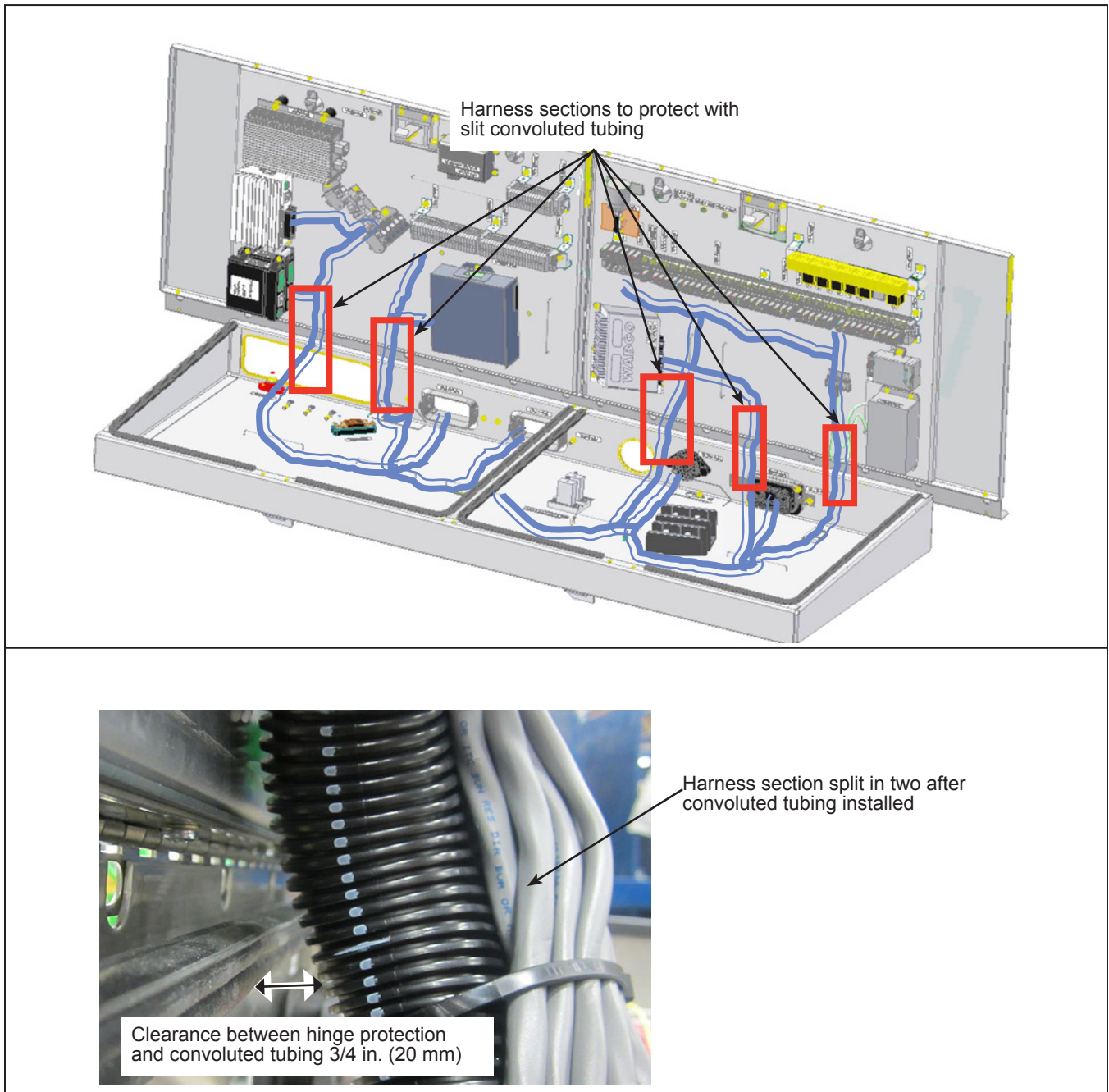


Figure 1 - Harness Sections to Modify