

REFERENCE:	Nova Bus Manuals
SECTION:	11: Exhaust system
RS N°:	MQR 7621-729
EFFECTIVE IN PROD.:	L844 (2015NO)

APPLICATION DEADLINE: 2018JN15
CLAIM REFERENCE NUMBER: WB-3717

SUBJECT:	Exhaust bellows
JUSTIFICATION:	Flexible bellows N79197 may have an exhaust leak near the rigid exhaust pipe

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace exhaust pipe and flexible bellows	Nova Bus	Nova Bus	3 h
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N83639	–	Double V-band flexible bellows	N79197
1	N83635	–	Exhaust pipe	N60115
1	N83919	–	Exhaust pipe bracket	–
3	N55894	–	4 in. standard clamp	–
3	N55895	–	4 in. exhaust gasket	–
2	N43233	–	M8 Flanged hex nut with insert	–
2	N44885-01	–	M8 X 20 Screw	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 35 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	2016AU31	Initial release	Luc Carignan
R1	2017MA12	Material modified to add one more N55895 Gasket, procedure modified as per customer requirement.	Luc Carignan

APPROVED BY: Daniel Theriault

Digitally signed by Daniel Theriault
DN: cn=Daniel Theriault, o=Nova Bus, ou, email=daniel.theriault@volvo.com, c=CA
Date: 2017.05.16 15:43:48 -0400

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit - New York	L841	8094	8134	L82J2F4500959	L82JXF4501034	41
New York City Transit - New York	L841	8184	8206	L82J1F4501035	L82J0F4501057	23
New York City Transit - New York	L841	8252	8269	L82J2F4501058	L82J2F4501075	18
New York City Transit - New York	L842	8090	8093	L82J4F4501076	L82JXF4501079	4
New York City Transit - New York	L842	8207	8213	L82J6F4501161	L82J7F4501170	7
New York City Transit - New York	L842	8399	8408	L82J6F4501080	L82J2F4501089	10
New York City Transit - New York	L842	8318	8332	L82J9F4501090	L82J7F4501105	15
New York City Transit - New York	L842	8359	8373	L82J9F4501106	L82J3F4501120	15
New York City Transit - New York	L842	8409	8432	L82J5F4501121	L82JXF4501146	24
New York City Transit - New York	L842	8481	8491	L82J1F4501147	L82J8F4501159	11
New York City Transit - New York	L843	8135	8153	L82J5F4501197	L82J9F4501221	19
New York City Transit - New York	L843	8214	8230	L82J9F4501171	L82J1F4501195	17
New York City Transit - New York	L843	8270	8293	L82J0F4501222	L82J7F4501251	24
New York City Transit - New York	L843	8333	8347	L82J9F4501252	L82J1G9775016	15
New York City Transit - New York	L843	8374	8380	L82J3G9775017	L82J9G9775023	7
					TOTAL	250

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Open the interior access panel and the rear and left engine access doors. Shut the bus off from the engine control box .
- 1.2. Locate the flexible bellows.
- 1.3. Remove the fabric heat shield. Reserve the fabric heat shield and hardware.
- 1.4. Fully loosen the top V-clamp of the flexible bellows. See Figure 1.
- 1.5. Remove the retaining clamp of the exhaust pipe. Reserve the retaining clamp and hardware. See Figure 1.
- 1.6. Fully loosen the exhaust pipe V-clamp. See Figure 1.
- 1.7. Remove the exhaust pipe and flexible bellows. Discard all the clamps and hardware. See Figure 1.

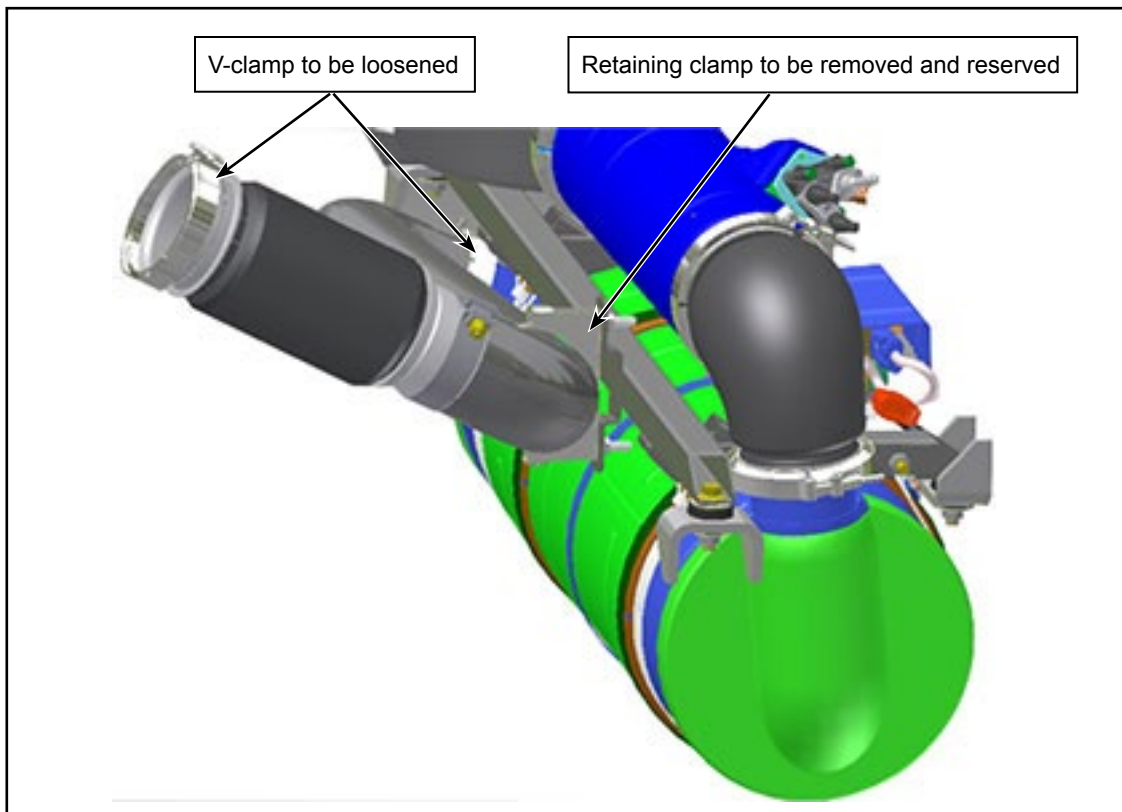


Figure 1 - Removal of Exhaust Pipe and Flexible Bellows

- 1.8. Affix bracket N83919 to the structure with N43233 nuts and N44885-01 screws. Hand tighten the nuts. See Figure 2. Tightening will be performed after new pipes are installed.

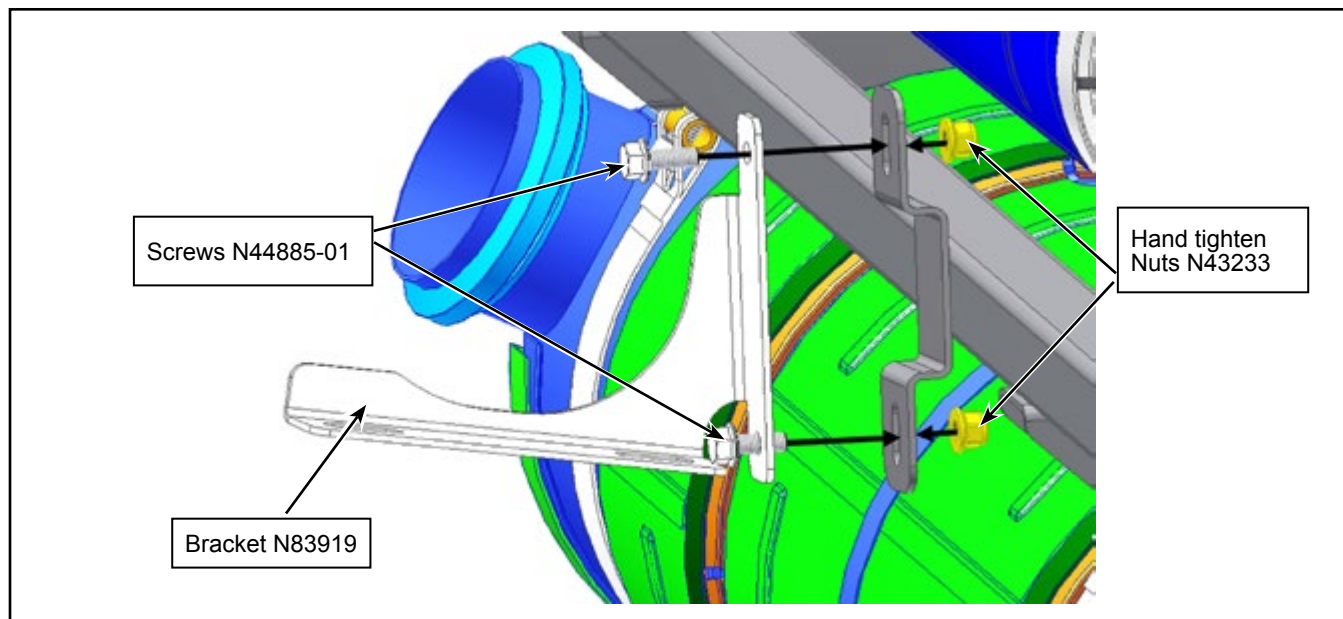


Figure 2 - Bracket N83919 Affixed to the Structure

- 1.9. Affix exhaust pipe N83635 to the DPF exhaust with N55895 exhaust gasket and N55894 clamp. Hand tighten the clamp. See Figure 3. Tightening will be performed after all new pipes are installed.

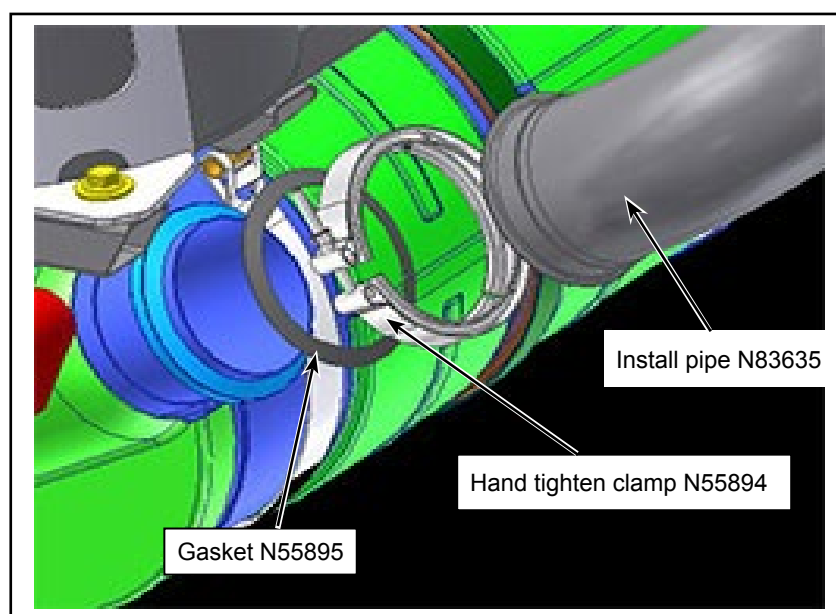


Figure 3 - Fastening of the Exhaust Pipe to the Exhaust DPF

- 1.10. Affix flexible bellows N83639 to the exhaust pipe and engine turbo with N55894 clamps and N55895 exhaust gasket. See Figure 4.
- 1.11. Affix the exhaust pipe N83635 to N83919 bracket with the retained clamp and hardware. See Figure 4.
- 1.12. Torque exhaust clamps N55894 and support hardware. See Figure 4 for torque value.

**NOTE**

No adjustment on the support bracket or retaining clamp is required. Slots allow the installation of the exhaust pipe and flexible bellows due to engine and DPF variation in position.

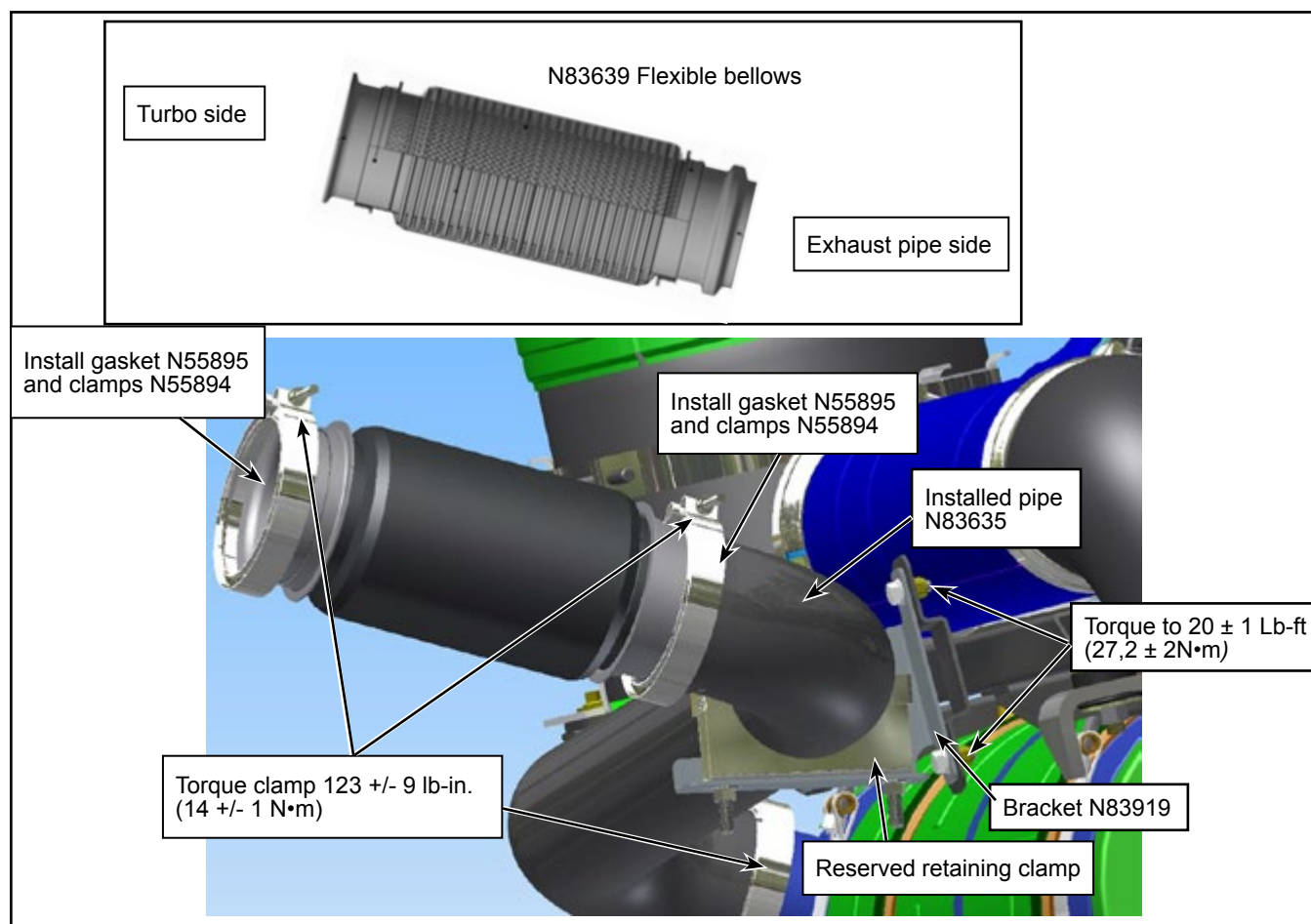


Figure 4 - Installation of the Flexible Bellows

- 1.13. Start the vehicle using the engine control box start switch.
- 1.14. Run the engine at fast idle for 30 minutes.
- 1.15. Check for exhaust leaks by spraying soapy water on the exhaust's flexible bellows.
- 1.16. Stop the vehicle from the rear tachometer.
- 1.17. Install the retained fabric heat shield with the retained hardware.
- 1.18. Close the rear and left engine access doors. ❖