

REFERENCE:	Nova Bus Manuals
SECTION:	09 Air intake system
RS N°:	MQR 7621-797
EFFECTIVE IN PROD.:	–

APPLICATION DEADLINE: 2016MA24  
CLAIM REFERENCE NUMBER: SR-3218

SUBJECT:	Engine air intake pipe
JUSTIFICATION:	The engine air intake pipe could rub against the air conditioning compressor components

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Fasten the engine air intake pipe to the vehicle structure	Nova Bus	Nova Bus	15 min
2	–	–	–	–

**MATERIAL**

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>				
1	N22781-08		Clamp	
1	N79453		Bracket	
1	N79435-03		Cable	
2	N44890		Nut	
2	N44884-01		Bolt	
1	N78378		Bracket	
<b>LEVEL 2</b>				
–	–	–	–	–

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](mailto: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	2015JN24	Initial release	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Airdrie Transit - Alberta	L664	—	—	L82U2B3000507	L82U2B3000507	1
Arrow Coach Line - Arkansas	L494	—	—	L82U793000397	L82U793000397	1
Austin - CMTA - Texas	L635	5001	5001	S92U7C4500163	S92U7C4500163	1
Brampton - Ontario	L501	0917	0926	L82U893000506	L82U893000523	10
Clemson Area Transit - South Carolina (ref. L641)	L722	—	—	L82U1C4500005	L82U5C4500010	5
CT Transit - Connecticut	L554	1041	1065	S92U1A4000139	S92U0A4000164	25
Duke University - North Carolina (ref. L703)	L641	—	—	L82U9C4500012	L82U1C4500022	8
Greater Toronto Airports Authority - GTAA - Ontario	L616	—	—	L82U4C4500001	L82U4C4500001	1
Marketing Sales Demo - MSD 6 Houston	L628	—	—	L82U8C4500003	L82UXC4500004	2
Minnesota Valley Transit Authority - MVTA	L706	4252	4258	L82U4C4500127	L82UXC4500133	7
Niagara Falls - Ontario	L499	2986	2989	L82U093000564	L82U693000567	4
Niagara Falls - Ontario	L653	—	—	L82U9C3000618	L82U9C3000621	5
Niagara Parks Commission - Ontario	L656	—	—	L82U0C3000653	L82U2C3000654	2
Saskatoon - Saskatchewan	L568	—	—	S92U9B3000013	S92U9B3000013	1
Sault Ste-Marie Transit Services - Ontario (ref. L686)	L641	135	139	L82U7C4500008	L82U6C4500016	5
Stratford - Ontario	L493	—	—	L82U2A3000019	L82U2A3000019	1
Stratford - Ontario	L634	—	—	L82UXB3000352	L82UXB3000352	1
Sudbury - Ontario	L465	791	795	L82U593000317	L82U793000321	5
Sudbury - Ontario	L552	801	808	L82U3A3000238	L82U0A3000245	8
University of Alabama - Alabama	L671	7024	7025	L82U5C4500119	L82U1C4500120	2
York Regional Transit - Ontario	L562	1080	1082	S92U2A3000420	S92U6A3000422	3

**WARNING**

Follow your internal safety procedures.

**PROCEDURE**

- 1.1. Open the engine access door.
- 1.2. Locate the engine air intake hose and the charge air cooler pipe. See Figure 1.

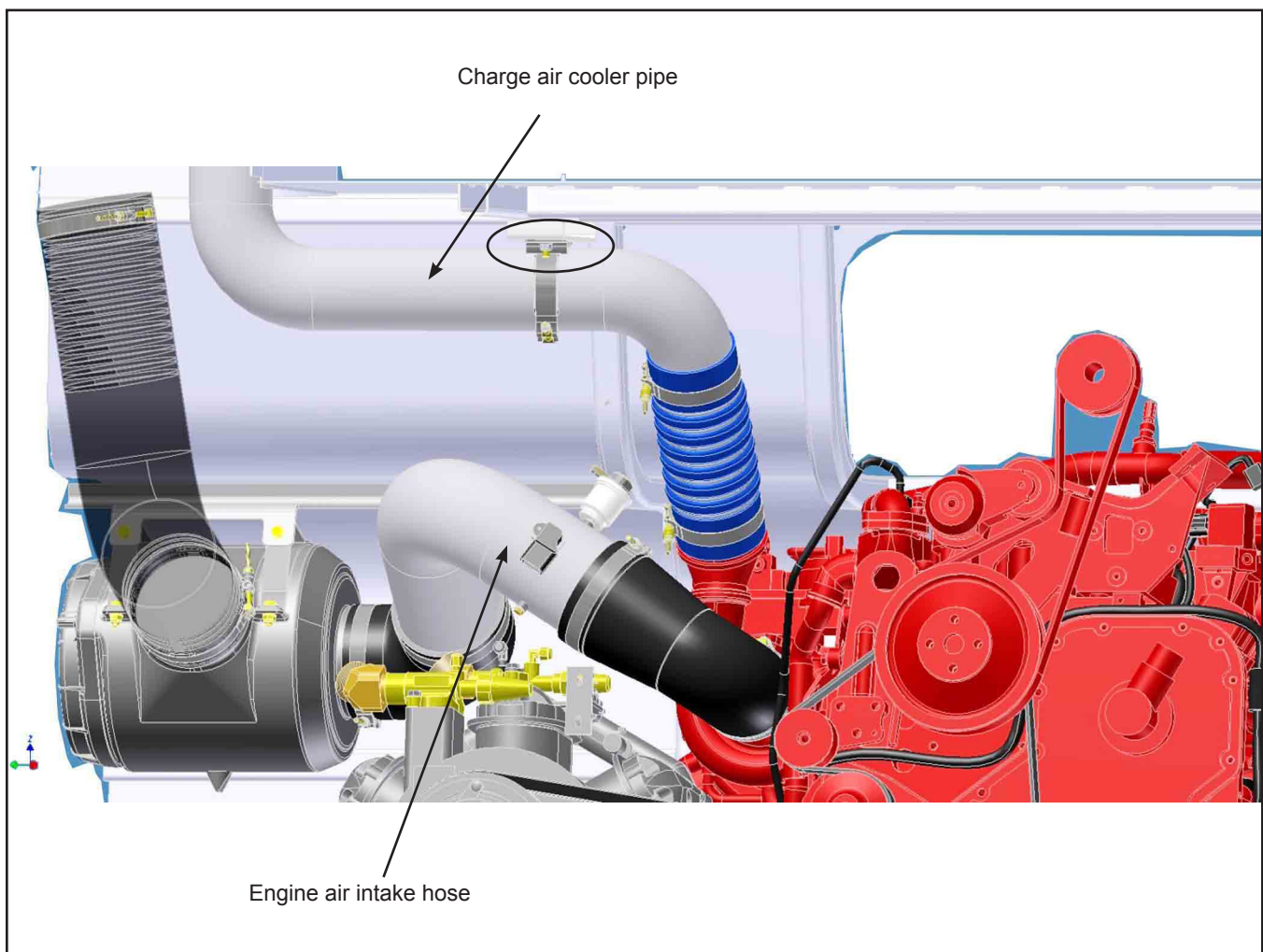


Figure 1 - Air Intake Hose Location

- 1.3. Install the N78378 Bracket on the charge air cooler pipe's front bolt support. See Figures 2 and 4.
- 1.4. Fasten the N79435-03 cable to the N78378 bracket with the N44884 bolt and the N44890 nut.

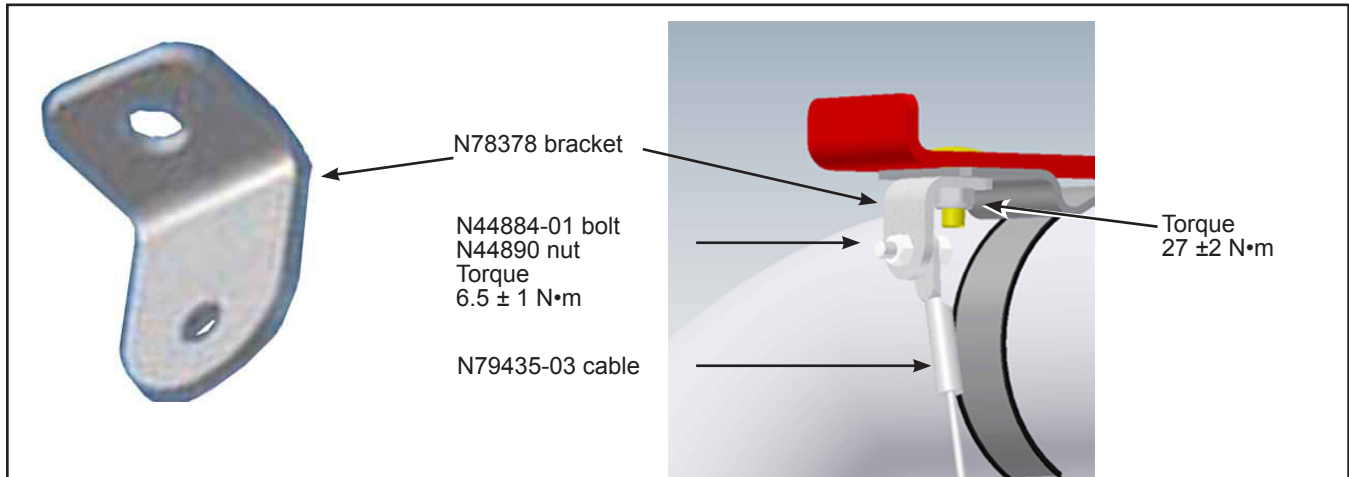
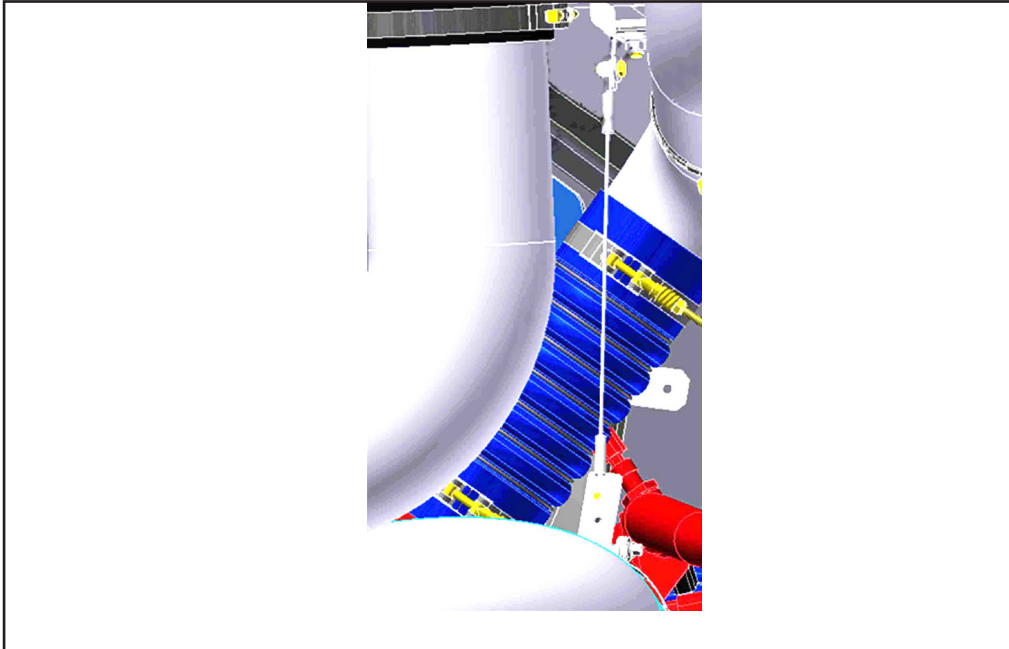


Figure 2 - Upper Support Installation

- 1.5. Install plumbing type Teflon tape onto the engine air intake hose beside the flexible turbo compressor pipe. See Figure 3.
- 1.6. Install the N22781-08 breeze clamp. Do not tighten.
- 1.7. Slide the N79453 bracket under the N22781-08 breeze clamp.
- 1.8. If required, loose the two engine air intake hose clamps, it will ease installation.
- 1.9. Fasten the N79435-03 cable to the N79453 support with the N44884 bolt and the N44890 nut.



Figure 3 - Lower Support Installation



*Figure 4 - Final Assembly*

- 1.10. Tighten the clamp to 10.2 N•m.
- 1.11. If required, tighten the two engine air intake hose clamps.
- 1.12. Close the engine access door.
- 1.13. The vehicle can be returned to service. ❖