

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

APPLICATION DEADLINE: 2016MA24
CLAIM REFERENCE NUMBER: SR-3221

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

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

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N79453		Bracket	
1	N29781		Washer	
1	N79441-03		Cable	
3	N44890		Nut	
3	N44884-01		Bolt	
1	N78378		Bracket	
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	2015AL24	Initial release	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Airdrie Transit - Alberta	L759	—	—	L82U0D3000928	L82U0D3000928	1
Austin - CMTA - Texas	L636	5002	5022	S92U1D4500306	S92U0D4500328	21
BC Transit - BCT - British Columbia	L735	9435	9440	L82U4C3000848	L82U8C3000853	6
BC Transit - BCT - British Columbia	L736	9441	9446	L82U8D3000854	L82U7D3000859	6
Belleville Transit - Ontario (ref. L754)	L809	—	—	L82U2D4500404	L82U2D4500404	1
Demo US NIS	L754	—	—	L82U1D4500278	L82U6D4500289	8
Guelph - Ontario	L767	237	239	L82UXD3000967	L82U3D3000969	3
Hampton Roads - Virginia (L754)	L802	—	—	L82U1D4500278	L82UXD4500408	7
Krapf's Coaches - Pennsylvania (ref. L833)	L754	—	—	L82U4D4500405	L82U4D4500405	1
Marketing Sales Demo	L705	—	—	L82U1D3000906	L82U1D3000906	1
Niagara Falls - Ontario	L771	1396	1397	L82U9D3000958	L82U0D3000959	2
Puerto Rico (ref. L754)	L788	—	—	L82UXD4500277	L82U0D4500305	16
Red Deer - Alberta	L726	—	—	L82UXC3000840	L82U1C3000841	2
Red Deer - Alberta	L766	1104	1105	L82U7D3001025	L82U9D3001026	2
Red Deer - Alberta	L772	1106	1108	L82J2E3001120	L82J6E3001122	3
Regina - Saskatchewan	L748	655	662	L82U3D3000874	L82U0D3000881	8
Regina - Saskatchewan	L776	663	669	L82U4D3001001	L82U5D3001007	7
Sault Ste-Marie Transit Services - Ontario (ref. L751)	L754	—	—	L82U7D4500284	L82U7D4500284	1
St. John's - Newfoundland	L731	1310	1314	L82U3C3000842	L82U2C3000847	5
Stratford - Ontario	L752	—	—	L82U9D3000863	L82U9D3000863	1
Sudbury - Ontario	L740	831	833	L82U1D3000887	L82U5D3000889	3
Thunder Bay - Ontario	L739	—	—	L82U3D3000860	L82U7D3000862	3
Timmins - Ontario	L720	—	—	L82U0C3000829	L82U0C3000829	1
Timmins - Ontario	L783	—	—	L82U8D3001017	L82UXD3001018	2
Toronto Transit Commission - TTC - Ontario	L729	9000	9000	S92U9D3000905	S92U9D3000905	1
Toronto Transit Commission - TTC - Ontario	L738	9001	9026	S92J6D3001094	S92J7D3001119	26
University of Alabama - Alabama	L727	7026	7027	L82U4D4500310	L82U6D4500311	2
Walt Disney World - Florida	L763	—	—	S92U0D3001019	S92U4D3001024	6
Woodstock - Ontario	L778	—	—	L82U2D3001014	L82U2D3001014	1

**WARNING**

Follow your internal safety procedures.

PROCEDURE

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

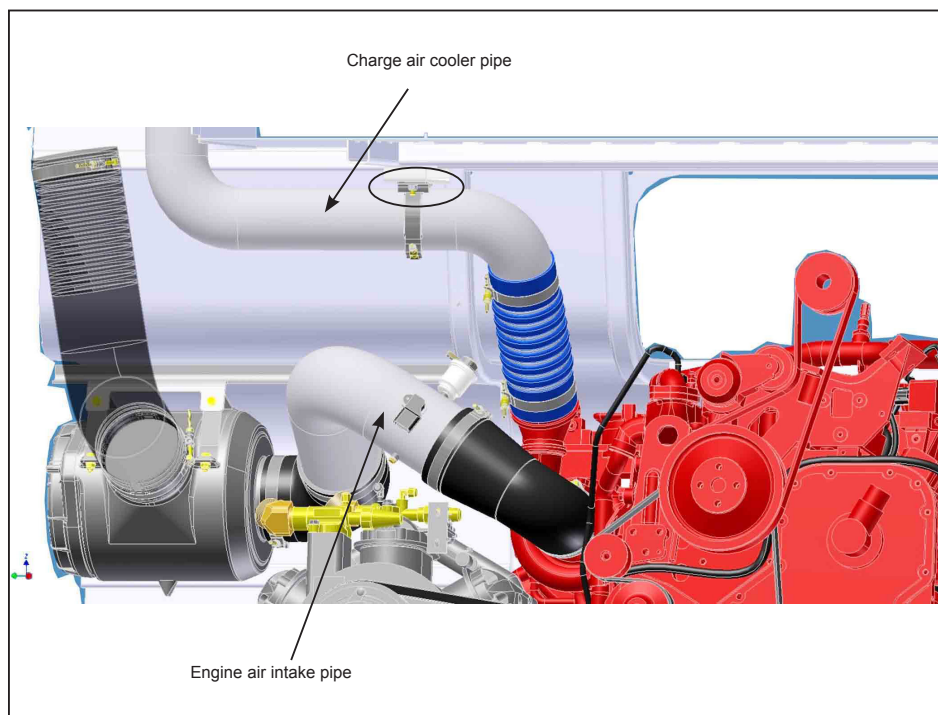


Figure 1 - Air Intake Pipe Location

- 1.3. If installed, remove the rod hanger.

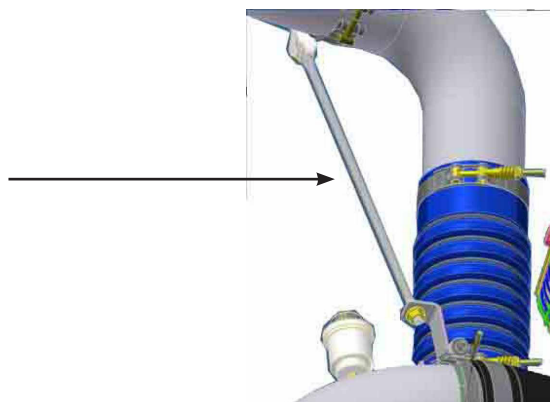


Figure 1A Rod Hanger

- 1.4. Install the N78378 bracket on the charge air cooler air pipe's front bolt support. See Figures 2 and 4.
- 1.5. Fasten the N79441-03 cable to the N78378 bracket with the N44884 bolt and N44890 nut.

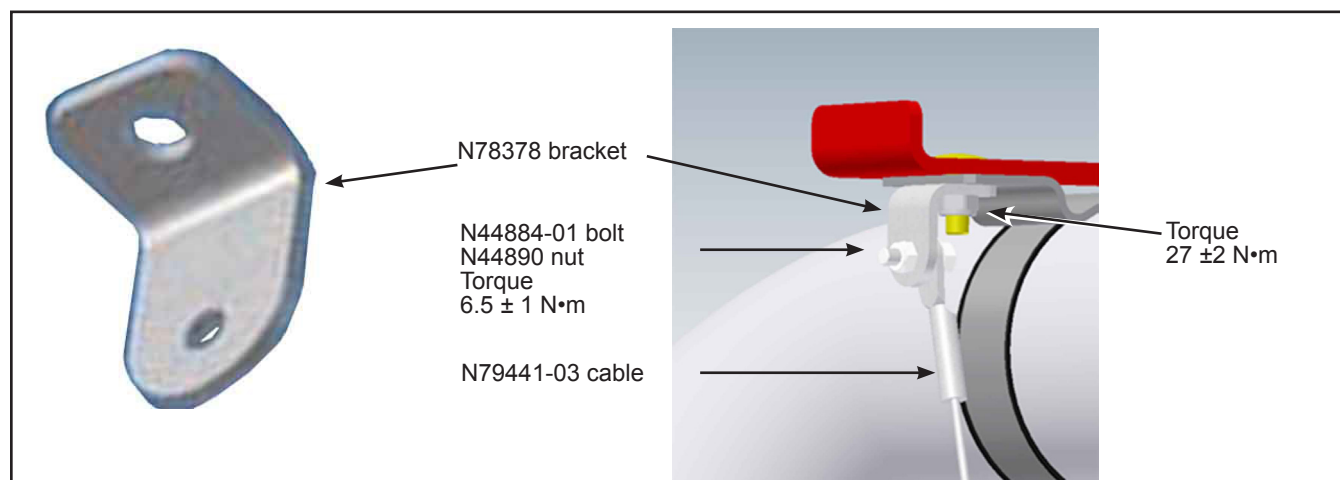


Figure 2 - Upper Support Installation

- 1.6. Fasten the N79453 bracket to the existing bracket with the N44884-01 bolt, N44890 nut and N29781 washer.
- 1.7. If required, loose the two engine air intake hose clamps, it will ease installation.
- 1.8. Fasten the N79441-03 cable to the N79453 bracket with the N44884 bolt and the N44890 nut.

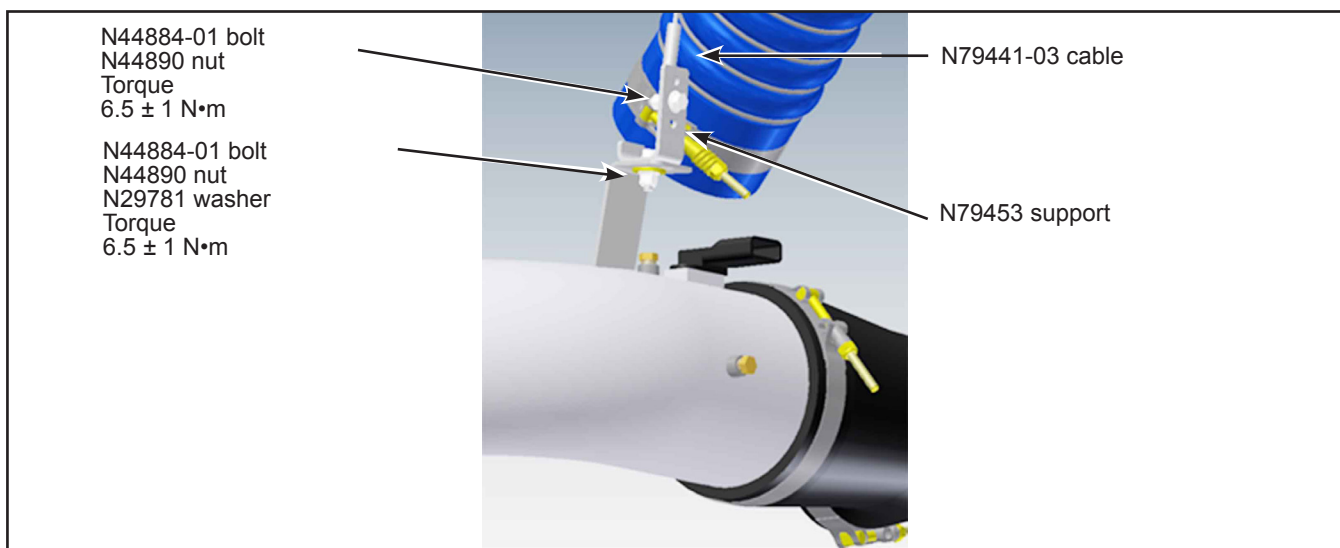


Figure 3 - Lower Support Installation

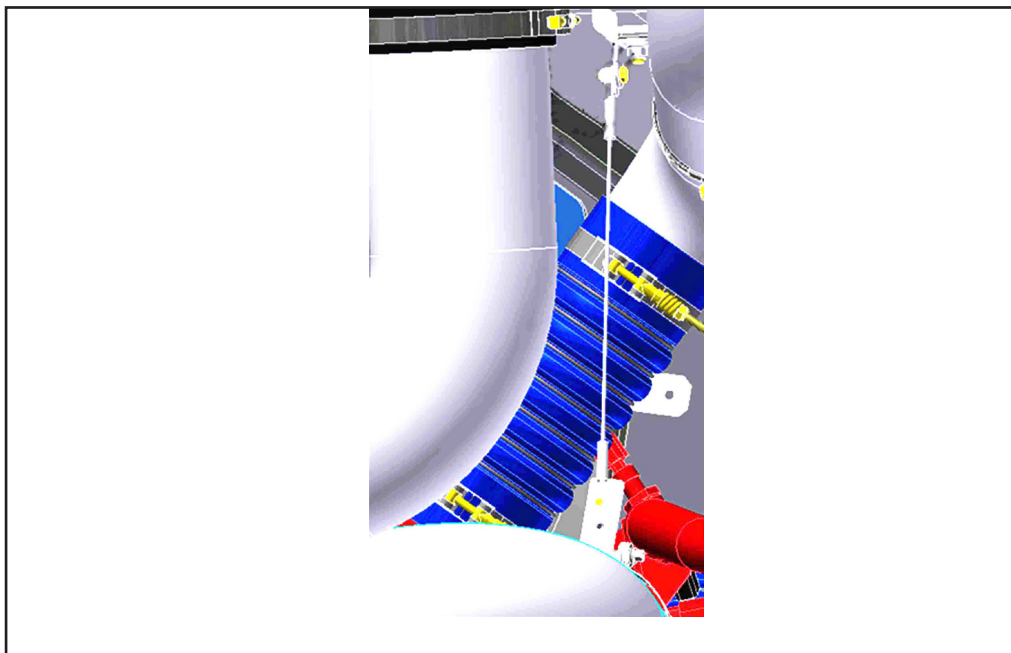


Figure 4 - Final Assembly

- 1.9. If required, tighten the two engine air intake hose clamps,
- 1.10. Close the engine access door.
- 1.11. The vehicle can be returned to service.❖