

REFERENCE:	Nova Bus Manuals
SECTION:	09 alternator and voltage regulator
RS N°:	MQR 7621-815
EFFECTIVE IN PROD.:	L777-63 (2014 Au)
TC RECALL N°:	2014-263
NHTSA RECALL N°:	14V-381

APPLICATION DEADLINE: NA
CLAIM REFERENCE NUMBER: CR3212

SUBJECT:	Angled alternator cable terminal
JUSTIFICATION:	The positive alternator cable terminal may have been damaged during installation. As a result, the terminal may fracture and allow the cable to arc to other components, which may result in an engine compartment fire.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the alternator cable.	Nova Bus	Nova Bus	45 min
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N80101-01	—	Alternator cable	—
6	N37749		Dual clamp tie	—
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	2014AU27	Initial release	Wilder Galiano
NR	2014SE18	Add 6 tie wraps. Instruction 1.3, remove the note "Retain the red boot". Instruction 1.12, remove the note "retained".	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Airdrie Transit - Alberta	L759	—	—	L82U0D3000928	L82U0D3000928	1
Ames Transportation Agency - Iowa	L707	660	661	S92U5C4500159	S92U1C4500160	2
Austin - CMTA - Texas	L635	5001	5001	S92U7C4500163	S92U7C4500163	1
Austin - CMTA - Texas	L636	5002	5022	S92U1D4500306	S92U0D4500328	21
Austin - CMTA - Texas	L704	5051	5068	L82J7E4500471	L82J2E4500488	18
BC Transit - BCT - British Columbia	L604	9434	9434	L82U5C3000597	L82U5C3000597	1
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	L702	—	—	L82U4D3000706	L82U4D3000706	1
Belleville Transit - Ontario (ref. L754)	L809	—	—	L82U2D4500404	L82U2D4500404	1
Bow Valley Transit - Alberta	L712	5	6	L82U6C3000804	L82U8C3000805	2
Brampton - Ontario	L789	—	—	L82J4E3001216	L82J1E3001223	8
Brantford - Ontario	L718	10123	10125	L82U5C3000826	L82U9C3000828	3
Brantford - Ontario	L775	10131	10132	L82U1D3000999	L82U2D3001000	2
Calgary Transit - Alberta	L709	8181	8200	L82UXC3000806	L82U3C3000825	20
Central Florida Regional Transportation Authority	L725	—	—	S92Y9D4500329	S92Y5D4500330	2
Central Florida Regional Transportation Authority	L764	—	—	S92Y7D4500331	S92Y9D4500332	2
Clemson Area Transit - South Carolina	L769	—	—	S92U1D4500418	S92U1D4500418	1
Demo US NIS	L754	—	—	L82U1D4500278	L82U6D4500289	8
Fredericton - New Brunswick	L688	8113	8113	L82U8C3000643	L82U8C3000643	1
Fredericton - New Brunswick	L774	8131	8131	L82U7D3000960	L82U7D3000960	1
Fredericton - New Brunswick	L812	—	—	L82J4E3001202	L82J4E3001202	1
Grand River Transit - GRT - Ontario	L668	21201	21220	L82U6C3000737	L82UXC3000756	20
Guelph - Ontario	L715	234	235	L82U3C3000792	L82U5C3000793	2
Guelph - Ontario	L767	237	239	L82UXD3000967	L82U3D3000969	3
Halifax - Nova Scotia	L693	526	534	L82U8C3000657	L82U7C3000665	9
Halifax - Nova Scotia	L708	742	761	L92UXC3000782	S92U3C3000803	20
Halifax - Nova Scotia	L710	1160	1161	L82U7C3000780	L82U9C3000781	2
Hampton Roads - Virginia (L754)	L802	—	—	L82U1D4500278	L82UXD4500408	7
Houston - Texas	L737	1510	1510	S92U4D4500297	S92U4D4500297	1
Houston - Texas	L755	1511	1579	S92U4D4500333	S92U8D4500402	69
Krapf's Coaches - Pennsylvania (ref. L833)	L754	—	—	L82U4D4500405	L82U4D4500405	1
LYNX - Florida	L785	—	—	S92L6E4500505	S92L8E4500506	2
Marketing Sales Demo	L705	—	—	L82U1D3000906	L82U1D3000906	1
Minnesota Valley Transit Authority - MVTA	L706	4252	4258	L82U4C4500127	L82UXC4500133	7
MTD - Santa Barbara, California	L730	—	—	S92J8E4500567	S92J1E4500569	3
Niagara Falls - Ontario	L652	—	—	S92U3C3000607	S92U6C3000617	11
Niagara Falls - Ontario	L653	—	—	L82U9C3000618	L82U9C3000621	5
Niagara Falls - Ontario	L771	1396	1397	L82U9D3000958	L82U0D3000959	2
Niagara Parks Commission - Ontario	L656	—	—	L82U0C3000653	L82U2C3000654	2
Niagara Parks Commission - Ontario	L685	—	—	S92U9C3000644	S92U8C3000652	9
Peterborough - Ontario	L770	55	60	L82U0D3000993	L82UXD3000998	6

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
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
Regina - Saskatchewan	L807	671	685	L82J8E3001137	L82J2E3001151	15
San Joaquin County - California	L768	—	—	S92L4D4500422	S92L3D4500427	6
Saskatoon - Saskatchewan	L690	1201	1204	L82U6C3000690	L82U1C3000693	4
Sault Ste-Marie Transit Services - Ontario (ref. L751)	L754	—	—	L82U7D4500284	L82U7D4500284	1
St. John's - Newfoundland	L687	1201	1209	L82U7C3000598	L82U2C3000606	9
St. John's - Newfoundland	L731	1310	1314	L82U3C3000842	L82U2C3000847	5
St. John's - Newfoundland	L808	1415	1419	L82J4E3001152	L82J1E3001156	5
Stratford - Ontario	L752	—	—	L82U9D3000863	L82U9D3000863	1
Sudbury - Ontario	L740	831	833	L82U1D3000887	L82U5D3000889	3
Thunder Bay - Ontario	L739	—	—	L82U3D3000860	L82U7D3000862	3
Thunder Bay - Ontario	L806	—	—	L82J6E3001170	L82J8E3001171	2
Timmins - Ontario	L720	12-98	12-98	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
Toronto Transit Commission - TTC - Ontario	L777	9027	—	S92J7E3001123	S9J1E3001277	62
University of Alabama - Alabama	L671	7024	7025	L82U5C4500119	L82U1C4500120	2
University of Alabama - Alabama	L727	7026	7027	L82U4D4500310	L82U6D4500311	2
University of Alabama - Alabama	L787	—	—	L82J2E4500507	L82J4E4500508	2
Walt Disney World - Florida	L763	—	—	S92U0D3001019	S92U4D3001024	6
Whitehorse - Yukon	L784	43	43	L82U9D3001057	L82U9D3001057	1
Woodstock - Ontario	L778	—	—	L82U2D3001014	L82U2D3001014	1
York Regional Transit - Ontario	L654	1370	1390	S92U1D3000946	S92U2D3000986	21
York Regional Transit - Ontario	L761	1391	1396	S92U6D3001008	S92UXD3001013	6

**WARNING**

Follow your internal safety procedures.

Refer to the Nova LFS maintenance manual for safety procedures before applying this document.

- 1.1. Open the rear engine access door and remove the belt guard. Retain the hardware.
- 1.2. Open the engine access panel of the five place seat, inside at the rear of the vehicle. Retain the hardware.
- 1.3. Locate the angled alternator cable terminal . Push up the red boot to free the terminal. Remove the existing angled alternator cable terminal. Retain the hardware.

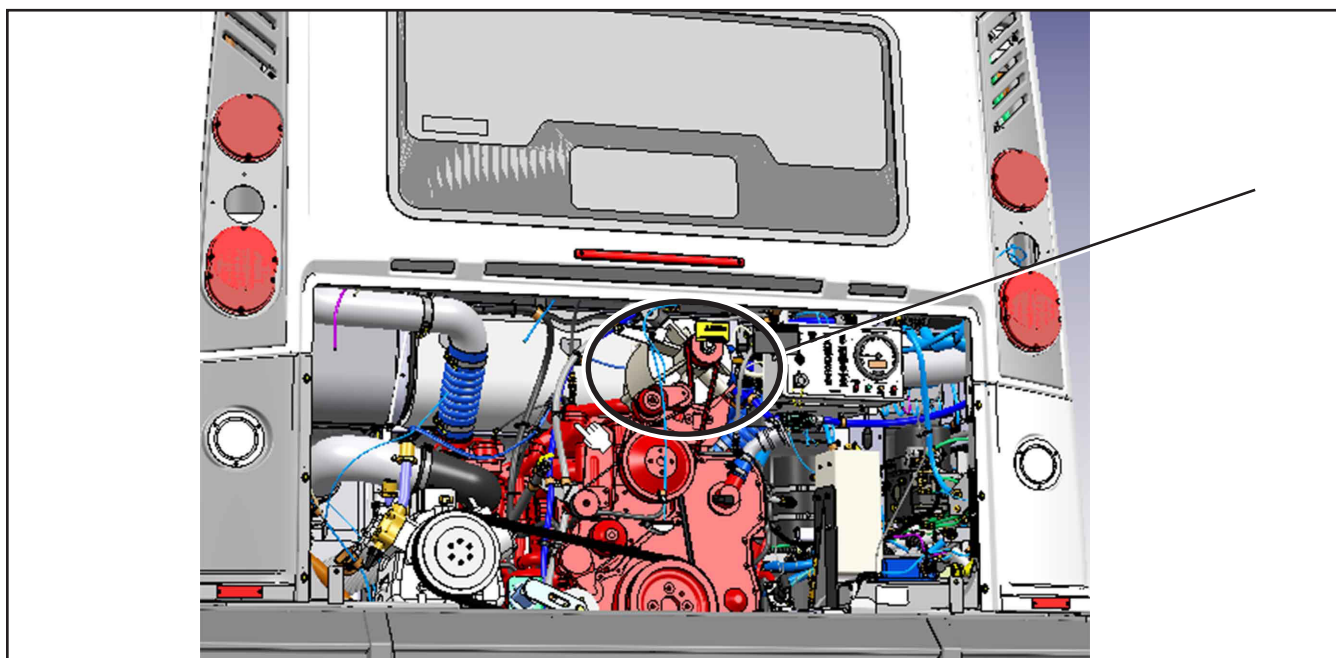


Figure 1 - Alternator Cable Location

- 1.4. Remove the alternator cable. Retain the hardware.
- 1.5. Install the new angled alternator cable terminal, following the specified routing. Ensure that there is no contact with the surrounding components.
- 1.6. Connect the cable to the alternator as shown in correct alternator cable images.



Install angled terminal with no stress or tension



Correct terminal and cable installation



Cable routing

Figure 2 - Alternator Cable Routing

- 1.7. If electric fans are installed, when performing the installation, ensure that the flat cable terminal is not in contact with the alternator oil flexible hose.



Figure 3 - Flat Terminal Alternator Cable Routing

- 1.8. Tighten to the specified torque.
- 1.9. Route the cable to the engine cradle cable connector.

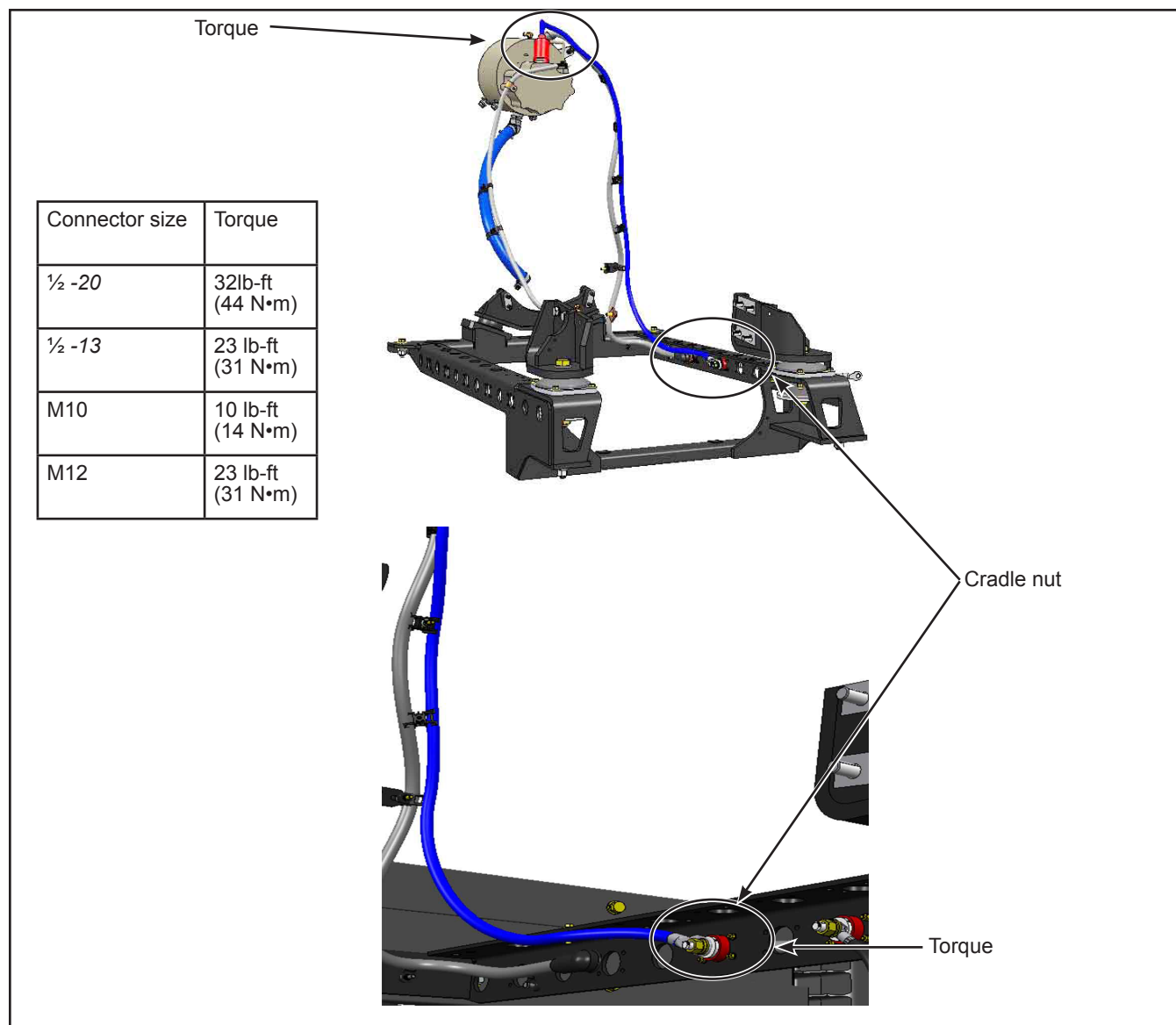


Figure 4 - Alternator Cable Routing

- 1.10. Connect the cable to the engine cradle.
- 1.11. Tighten to the specified torque.
- 1.12. Replace the red boot on top of the alternator terminal.
- 1.13. Close the rear engine access door and install the belt guard with the retained hardware.
- 1.14. Inside at the rear of the vehicle. Close the engine access panel of the five place seat using the retained hardware..❖