

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°:	14-381

APPLICATION DEADLINE: NA
CLAIM REFERENCE NUMBER: CR3211

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	N80100-03	–	Alternator cable	–
9	N56339		Cable tie	
1	N57044		Cable tie mount	
7	N57040		Cable tie mount	
LEVEL 2				
1	–	–	–	–

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 9 tie wraps, 8 cable tie mounts. Instruction 1.3, remove the note "Retain the red boot". Instruction 1.12, remove the note "retained".	Wilder Galiano

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
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	5770	5894	S92U4C4500024	S92U3B4000242	125
New York City Transit - New York	L681	5896	5283	S92U2C4500023	S92U9C4500195	122
New York City Transit - New York	L692	5284	5363	S92U3C4500158	S92U3D4500274	80

**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.

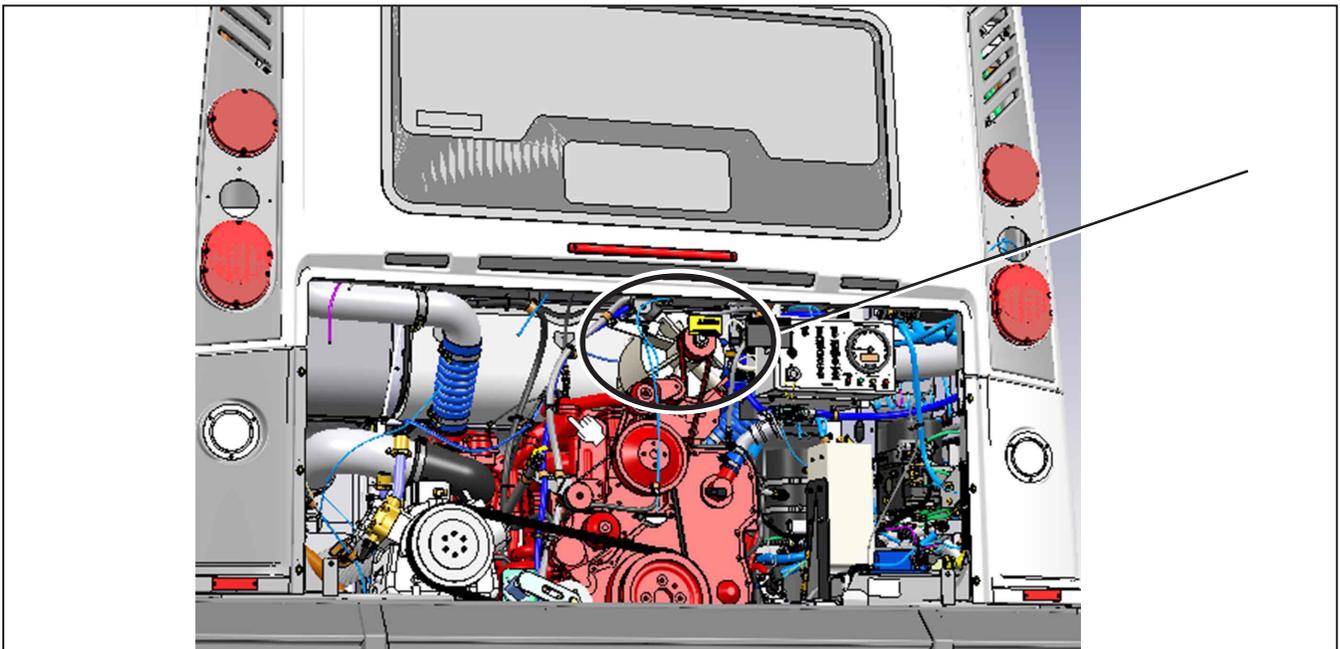


Figure 1 - Alternator Cable Location

- 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 - Flat Terminal 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.

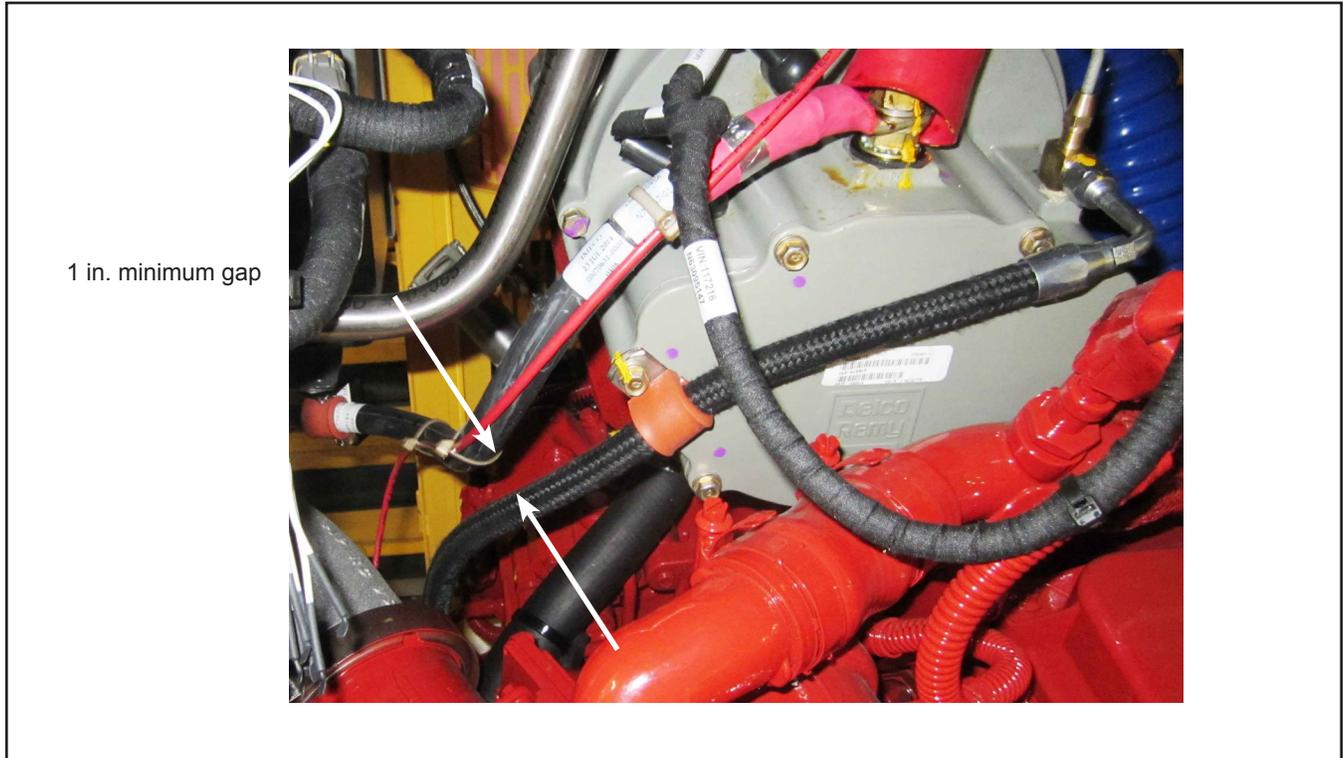


Figure 3 - Correct Alternator Cable Routing

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

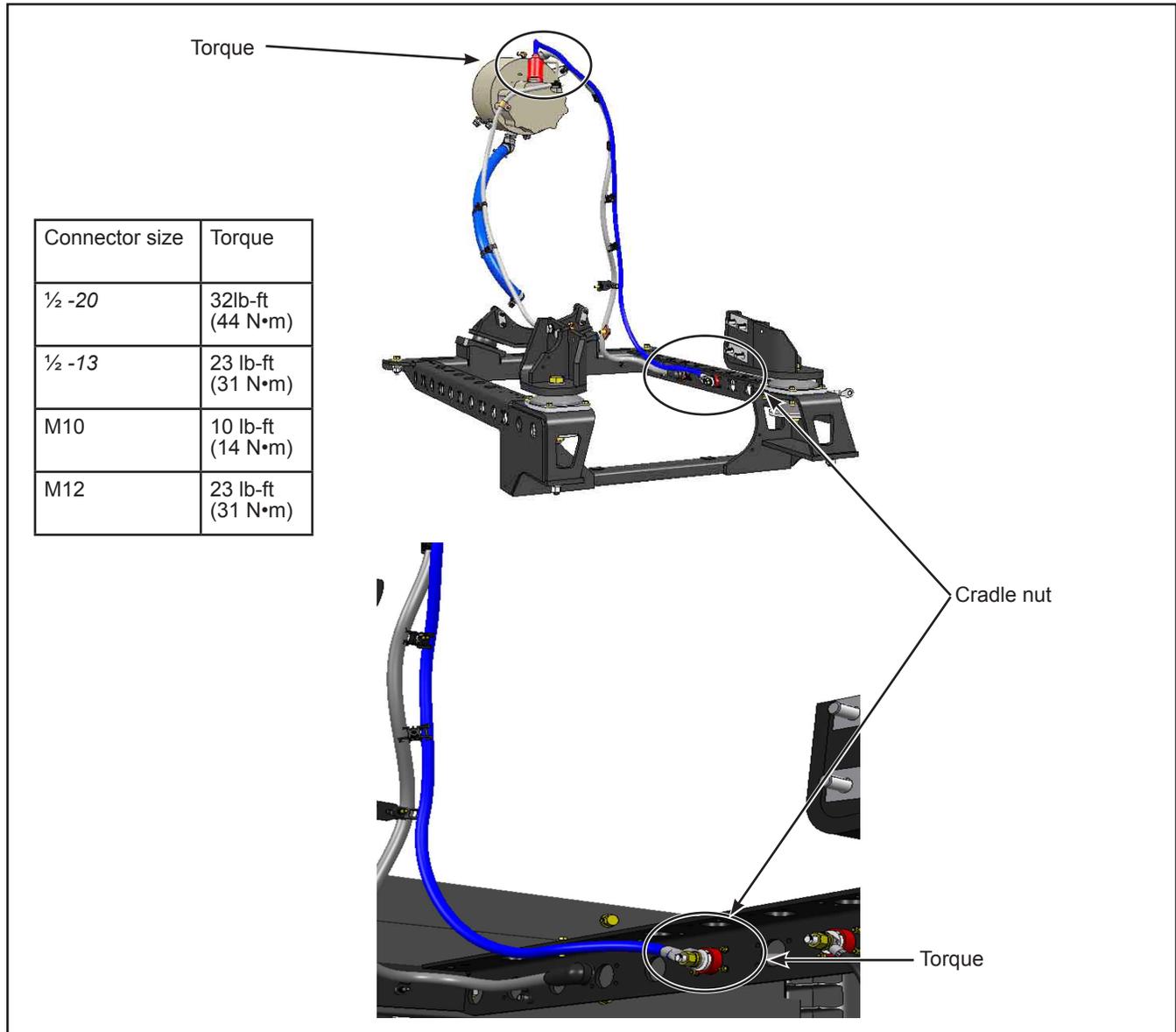


Figure 4 - Alternator Cable Routing

- 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. ❖