

REFERENCE:	Nova Bus Manuals
SECTION:	9: Alternator and voltage regulator
RS N°:	–
EFFECTIVE IN PROD.:	L849-25

APPLICATION DEADLINE: 2016JN15
CLAIM REFERENCE NUMBER: WB-3344

SUBJECT:	Niehoff alternator bolts and rubber air intake elbow
JUSTIFICATION:	The use of longer bolts is required.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace 4 bolts and if required position the rubber air intake elbow as specified.	Nova Bus	Nova Bus	5 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
4	N81450	–	Bolt	–
4	N56816	–	Lock washer	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 40 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	2015MR30	Initial release	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Chicago Transit Authority - CTA - Illinois	L773	—	—	L82JXD4500429	L82J6D4500430	2
Chicago Transit Authority - CTA - Illinois	L811	7902	7949	L82J6E4500509	L82J6E4500526	48
Chicago Transit Authority - CTA - Illinois	L837	7950	7999	L82J6E4500655	L82J1E4500708	50
Chicago Transit Authority - CTA - Illinois	L847	8000	8049	L82J1E4500773	L82JXE4500822	50
BC Transit - BCT - British Columbia	L858	9447	9481	L82JXE3001401	L82J5F3001436	35
Chicago Transit Authority - CTA - Illinois	L848	8050	8099	L82JXF4500823	L82J1F4500872	50
Chicago Transit Authority - CTA - Illinois	L849	8100	8124	L82J5F4500874	L82J6F4500897	24

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Locate the alternator.
- 1.2. Change one bolt at a time. Replace the four bolts that anchor the alternator to the engine.
- 1.3. Remove and dispose of the bolts.

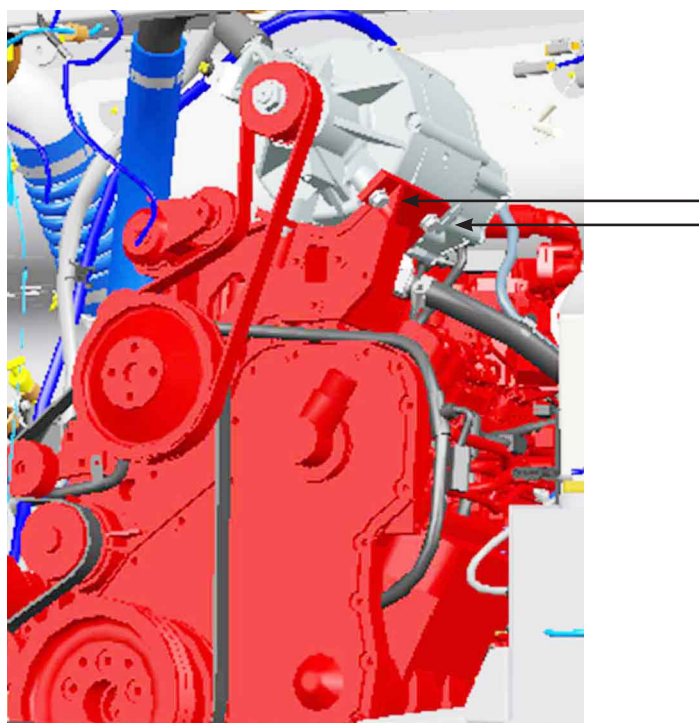


Figure 1 - Location of Alternator Bolts

- 1.4. Install one N81450 bolt with one N56816 washer.
- 1.5. Tighten to the specified torque.

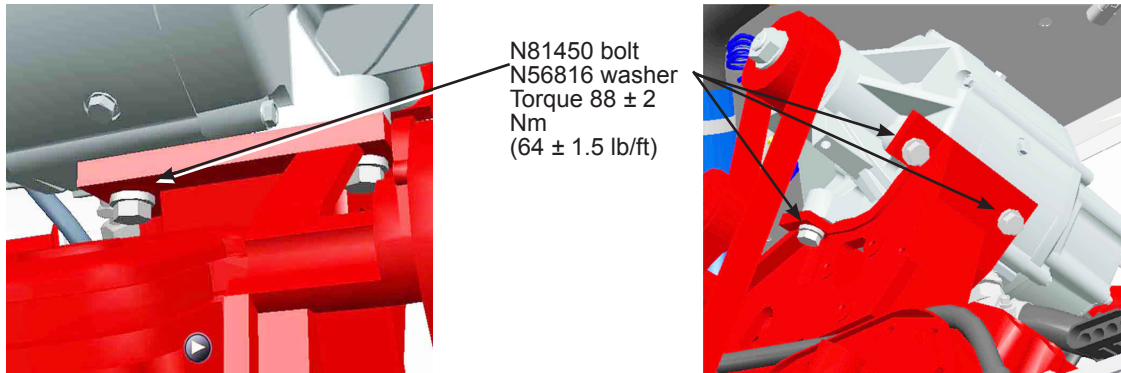
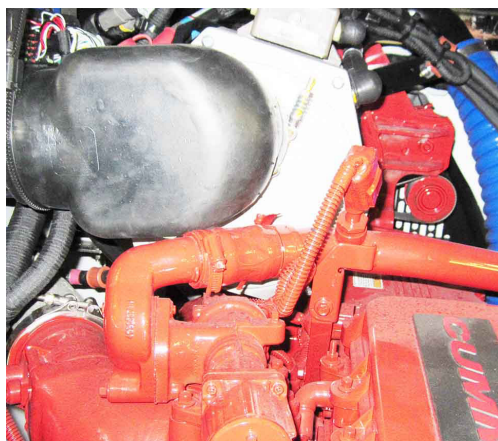


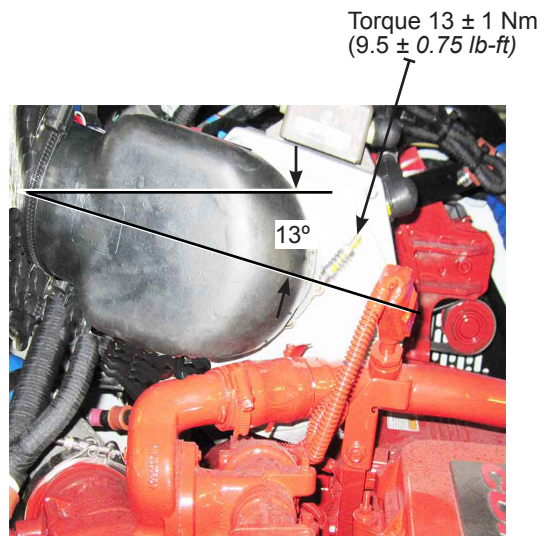
Figure 2 - Location of Alternator Bolts and Torque Values

- 1.6. If required, reposition the alternator ventilation rubber elbow.
Gain access to the rubber elbow through the interior five seat area.

- 1.6.1. Loosen the clamp.
- 1.6.2. Position the rubber elbow.
- 1.6.3. Tighten the clamp to the specified torque.



Incorrect position



Correct position

Figure 3 - Rubber Elbow Positioning

- 1.7. The vehicle can be returned to service. ❖