

REFERENCE:	Nova Bus Manuals
SECTION:	09: Engine and Cooling
RS N°:	MQR 7621-1981
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE: 2022OC07  
CLAIM REFERENCE NUMBER: WB-4934

SUBJECT:	CAC elbow hose failures.
JUSTIFICATION:	Fiber material should be Woven Aramid Fabric, but some parts have knitted Aramid.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Installation of new elbow.	Novabus	Novabus	1 hr
2	-	-	-	-

**MATERIAL**

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>				
1	N75007	-	ELBOW 90° SILICONE PIPE 4" I.D.	N75007
<b>LEVEL 2</b>				
-	-	-	-	-

Materials will be available within 64 days once your order has been placed. 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	2020AU14	Initial release	Devanand
R1	2021JL14	Order LC92 added to the client list	Devanand

APPROVED BY:

PAGE 1 OF 5

	CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
			FROM	TO	FROM	TO	
	Capital Area Transportation Authority Michigan - CATA	LC07	6012	6015	S92J5K9777269	S92J5K9777272	4
	Capital Area Transportation Authority Michigan - CATA	LC08	700	718	L82J7K9777278	L82J8K9777306	19
	Capital Area Transportation Authority Michigan - CATA	LC75	—	—	S92J4K9777473	S92J4K9777473	1
	Houston Texas - Metro	LC55	2070	2079	L82KXK9777378	L82K0K9777387	10
	Houston Texas - Metro	LC91	2500	2501	L82J4L9777479	L82J0L9777480	2
+	Houston Texas - Metro	LC92	2502	2534	L82J8L9777601	L82J3L9777618	33

**WARNING**

Follow your internal safety procedures.

**PROCEDURE**

- 1.1. Park the vehicle on an even surface with transmission in neutral (N).
- 1.2. Turn the ignition switch to OFF position and engage the parking brake.
- 1.3. Set the master control switch in the STOP position (see figure 1).

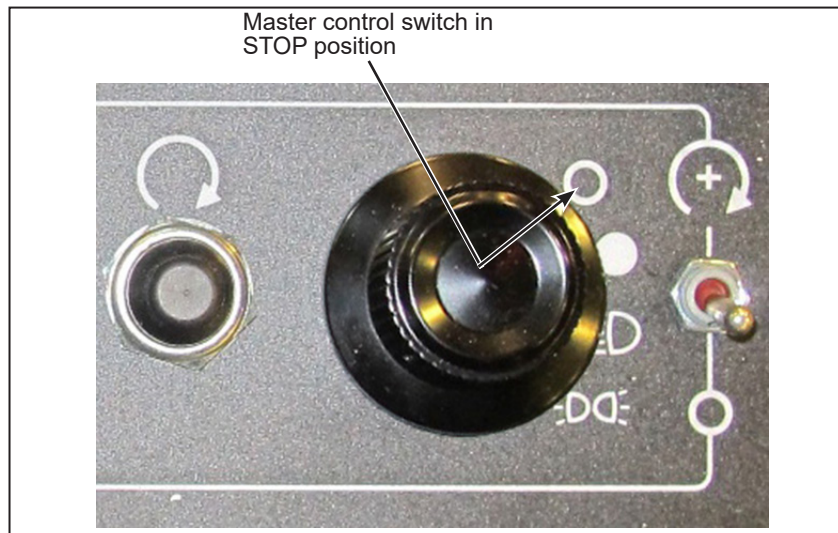


Figure 1 - Master Control Switch in STOP Position

- 1.4. Set the battery disconnect switch in the battery compartment to the OFF position (see figure 2).

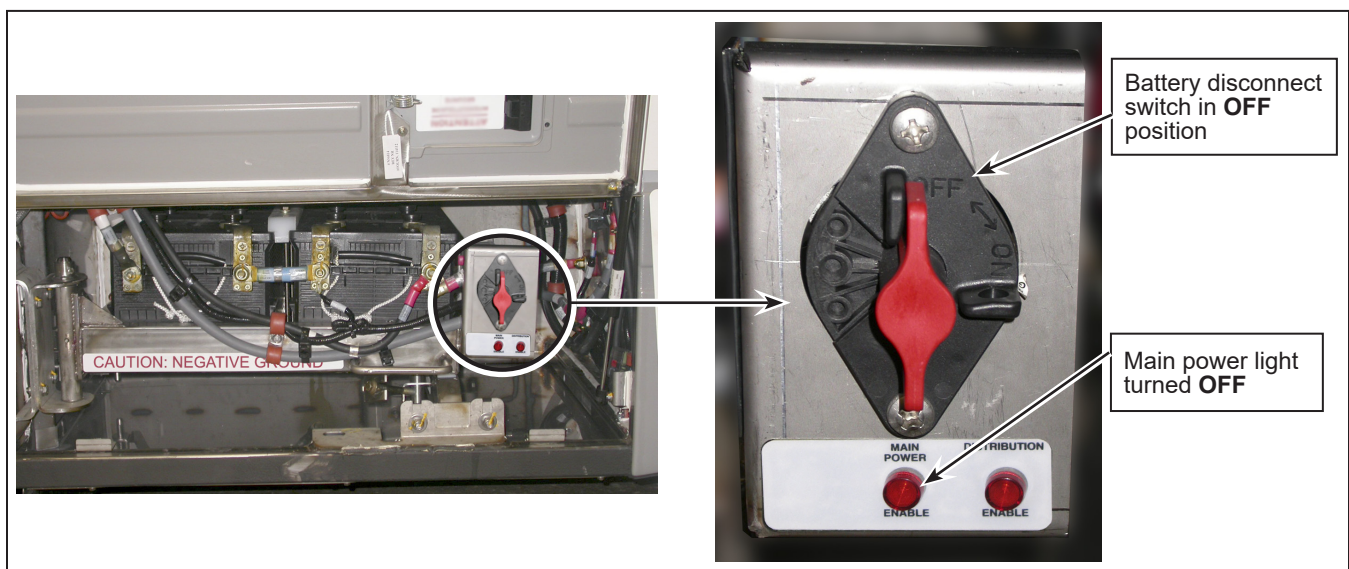


Figure 2 - View of Battery Disconnect Switch

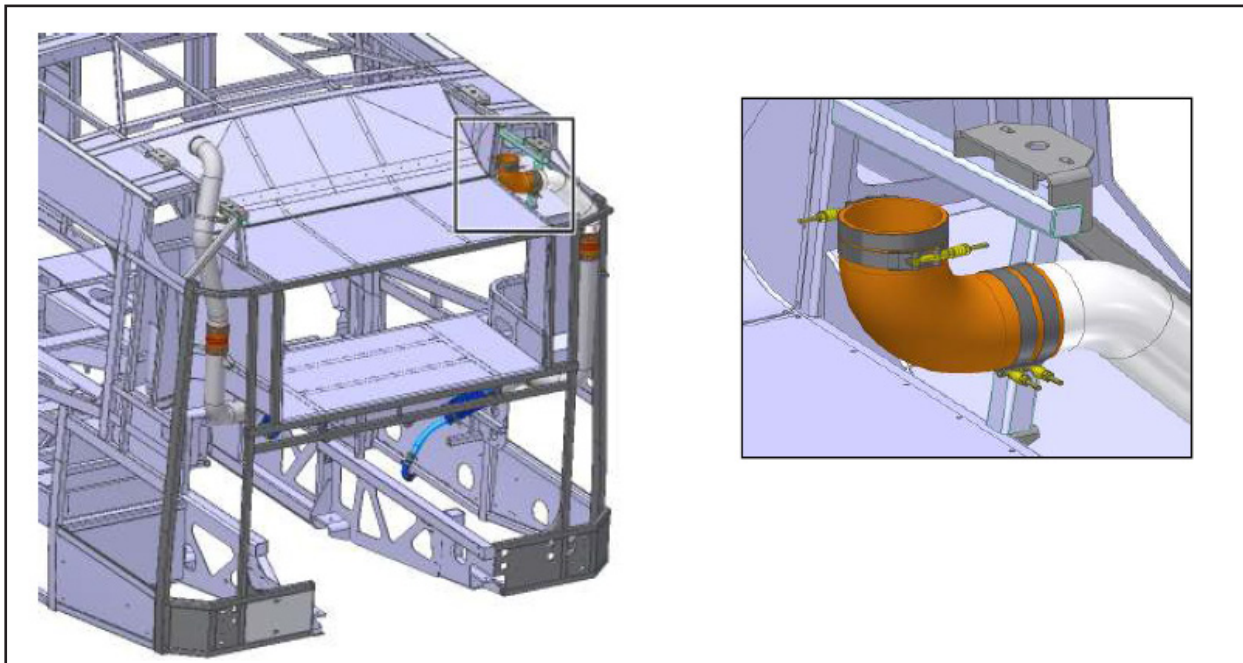
**WARNING**

Before starting any work on the vehicle, make sure the vehicle is completely and securely stationary. Disconnect the starting circuit on the control box at the rear of the vehicle and place the battery disconnect switches in the OFF position.

**CAUTION**

The CAC and the CAC plumbing are under pressure, and are more prone to leakage than an unpressurized system.

- 1.5. Locate the CAC (Charge Air Cooler) pipe at the back of the vehicle.
- 1.6. Install new elbow N75007 and discard the old one (see figure 3).



*Figure 3 - View of Elbow in Charge Air Cooler Pipe*

- 1.7. Reuse the clamp N12883, torque at  $17 \pm 2$  Nm (see figure 4).

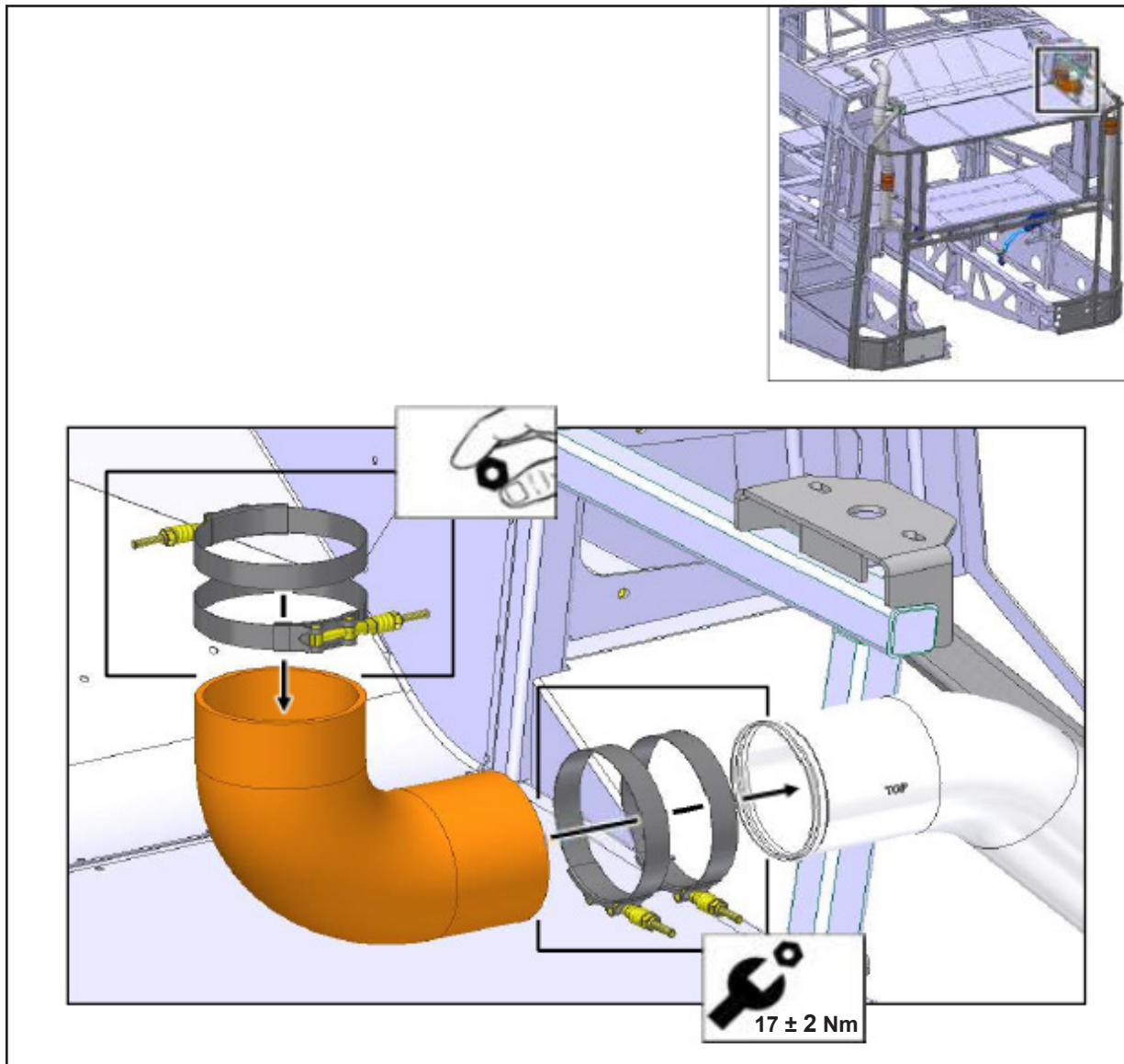


Figure 4 - Installation of Elbow in CAC Pipe

- 1.8. Set the battery disconnect switch in the battery compartment to ON position.  
1.9. Set the master control switch in the ON position.  
1.10. Return the bus to service.❖