

REFERENCE:	Nova Bus Manuals
SECTION:	07: Steering Mechanism
RS N°:	MQR 7621-527
EFFECTIVE IN PROD.:	L717 (2013MR)

APPLICATION DEADLINE:NA

SUBJECT:	Steering shaft
JUSTIFICATION:	Steering shaft N74708 supercedes N67971. The structure needs minor modification to accomodate the new part.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Structure modification is needed in order to install steering shaft N74708.	Client	Client	20 min
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
—	—	—	—	—
LEVEL 2				
—	—	—	—	—

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	2015NO13	Initial release	Shawn Loeffler

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Halifax - Nova Scotia	L708	742	761	L92UXC3000782	S92U3C3000803	20
Ames Transportation Agency - Iowa	L707	660	661	S92U5C4500159	S92U1C4500160	2
Austin - CMTA - Texas	L635	5001	5001	S92U7C4500163	S92U7C4500163	1
Demo CNG	L716	—	—	L82A5D3000896	L82A5D3000896	1
Austin - CMTA - Texas	L636	5002	5022	S92U1D4500306	S92U0D4500328	21

**WARNING**

Follow your internal safety procedures.

**NOTE**

Perform this modification when you replace steering shaft N67971 with N74708, according to the **REPLACEMENT** procedure in Annex A of section 07: **STEERING MECHANISM**.

PROCEDURE

- 1.1. Gain access to the steering shaft on the driver's side, near the front of the bus. See Figure 1.

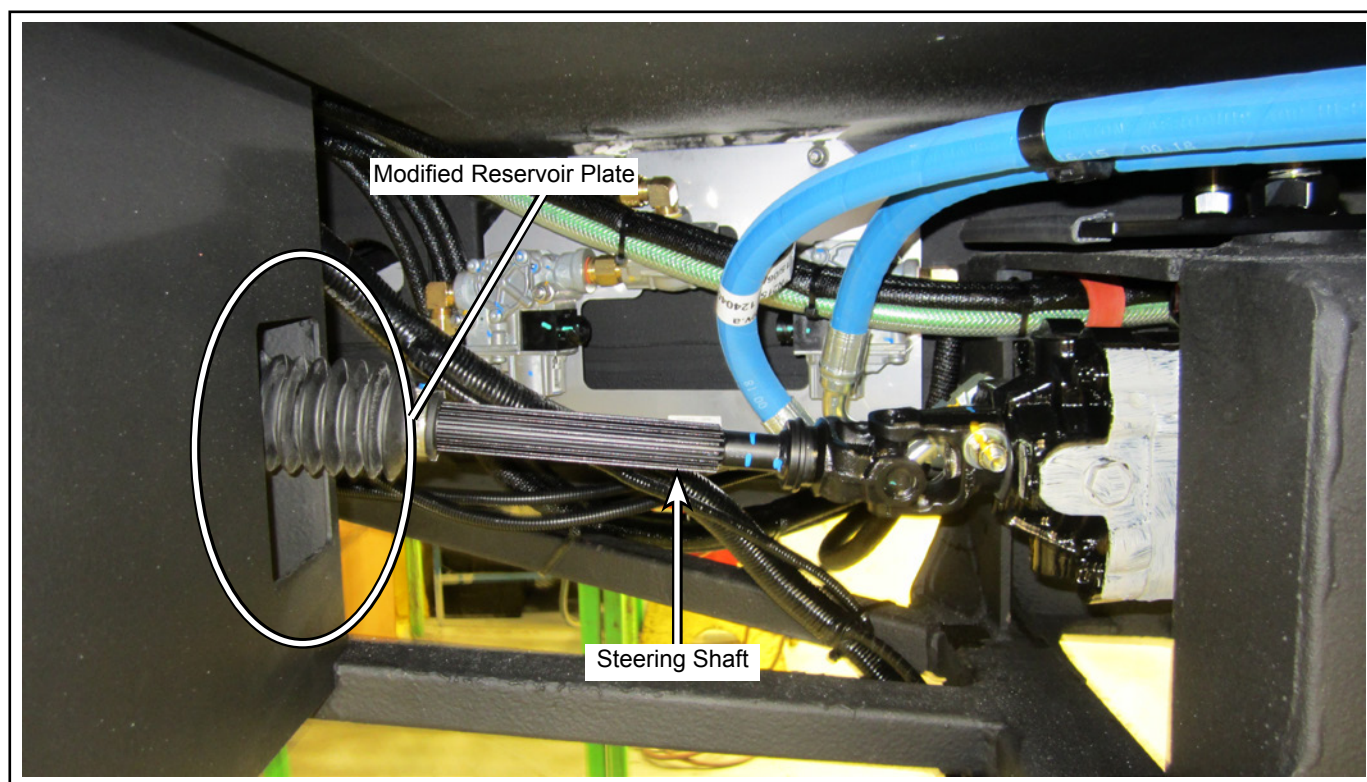


Figure 1 - Steering Shaft with Modified Reservoir Plate

- 1.2. Follow the **REPLACEMENT** procedure in Annex A of section 07: **STEERING MECHANISM** to remove and replace the steering shaft.

**NOTE**

Take care to maintain the structural integrity of the reservoir plate; don't cut too close to the edge or too large of a hole.

- 1.3. Once the steering shaft is removed, drill four 0.5 in. (12.7 mm) holes around the steering shaft port in the reservoir plate. See Figure 2 for details.
- 1.4. Use a cutting wheel to cut straight from one drill point to the next until a rectangle is cut out. See Figure 2.
- 1.5. Apply undercoating to bare metal to prevent rust and corrosion.

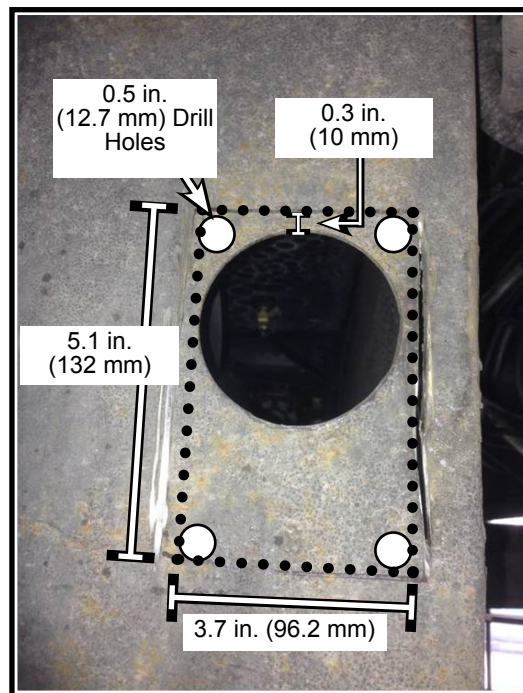


Figure 2 - Cutting Dimensions and Details on the Reservoir Plate

- 1.6. Continue with the installation of the new steering shaft according to the **REPLACEMENT** procedure in Annex A of section 07: **STEERING MECHANISM**.

- 1.7. Figure 3 shows a completed reservoir plate modification with the steering shaft installed. ❖

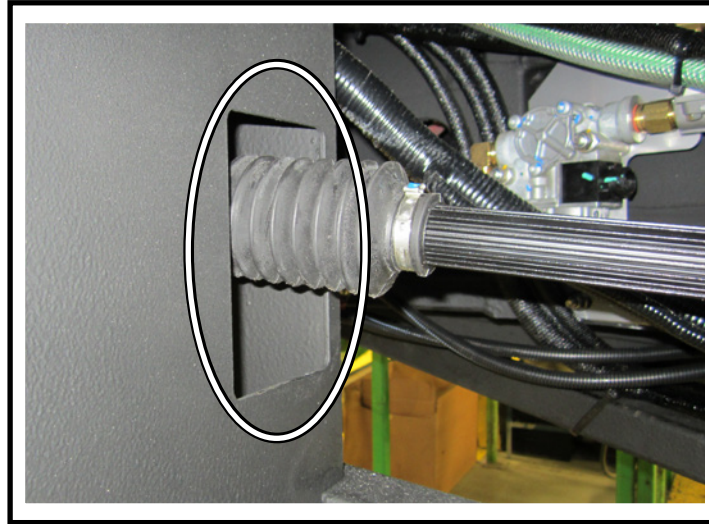


Figure 3 - Modified Reservoir Plate