

REFERENCE:	Nova Bus Manuals
SECTION:	08: Pneumatic system
RS N°:	—
EFFECTIVE IN PROD.:	L636-15

APPLICATION DEADLINE: 2014OC03
CLAIM REFERENCE NUMBER: —

SUBJECT:	Air dryer silencer kit.
JUSTIFICATION:	Silencers must be installed remotely.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Remove the silencers from the air dryers and re-install remotely.	Nova Bus	Nova Bus	1.5h
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
4	N22781-03 (504782)		Clamp Breeze 13/16 to 1 3/4 in.	
8	N60419-02		Clamp 21-38 mm (silicone hose)	
4	N72896-03		Elbow 90° 1 in. black nylon w/glass cht	
2	N74649		Hose 1 in. ID 1 1/4 in. OD EPDM REINF x 2.5 in. long	
3	N74649		Hose 1 in. ID 1 1/4 in. OD EPDM REINF x 15 in. long	
1	N74649		Hose 1 in. ID 1 1/4 in. OD EPDM REINF x 6 in. long	
1	N74517		Silencer support	
2	2065711 (5011240)		Connector IDT-16 M-NPT-12	
2	N43233		M8 Nut flanged w/insert	
2	N17929		M8 x 20 weldstud	
2	N46612		Silencer kit	
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	—
	—	—	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2013OC03	Initial release	Bertrand Plouffe

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Austin - CMTA - Texas	L636	5002	5005	S92U1D4500306	S92U7D4500309	4
Austin - CMTA - Texas	L636	5007	—	S92U9D4500313	—	1
Austin - CMTA - Texas	L636	5013	5015	S92UXD4500319	S92U8D4500321	3

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Drain the air pressure from the vehicle's system.
- 1.2. Open the air dryer access door. See Figure 1.

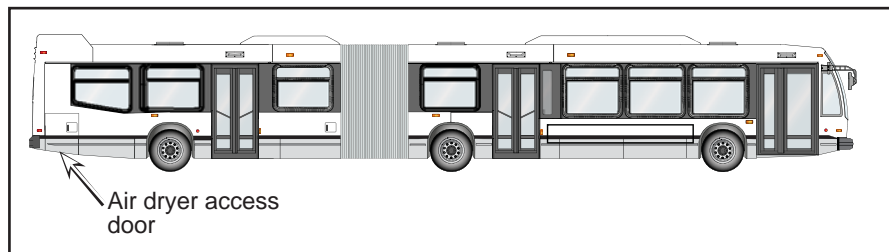


Figure 1 - Air Dryer Access Door Location

- 1.3. Locate the two silencers installed underneath the two air dryers. See Figure 2.

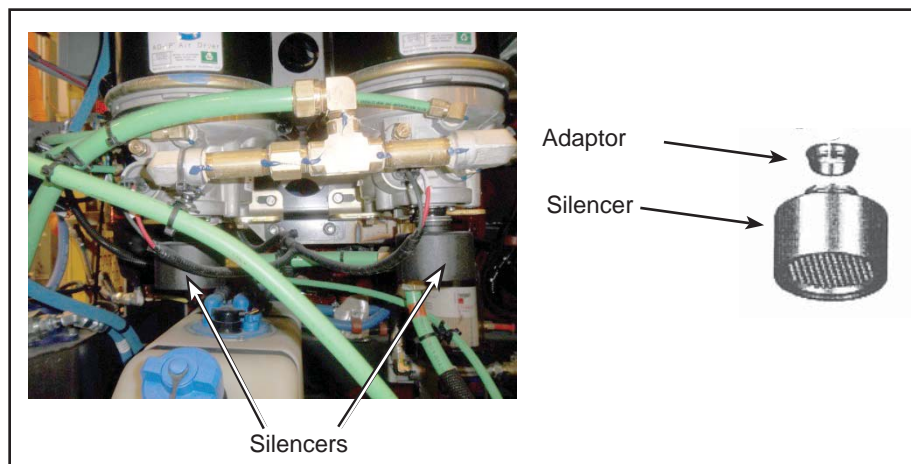


Figure 2 - Air Dryer Silencers Location

- 1.4. Remove the two silencers and the two adapters. See Figure 2. Discard the removed parts.
- 1.5. Raise the vehicle.

**CAUTION**

For information on hoisting and towing of the vehicle, see section 18: HOISTING AND TOWING in the Nova Bus maintenance manual. Respect your internal safety procedures. Use appropriate hoisting equipment for your protection.

- 1.6. Remove the curb side rear dust pan located underneath the vehicle. See Figure 3.

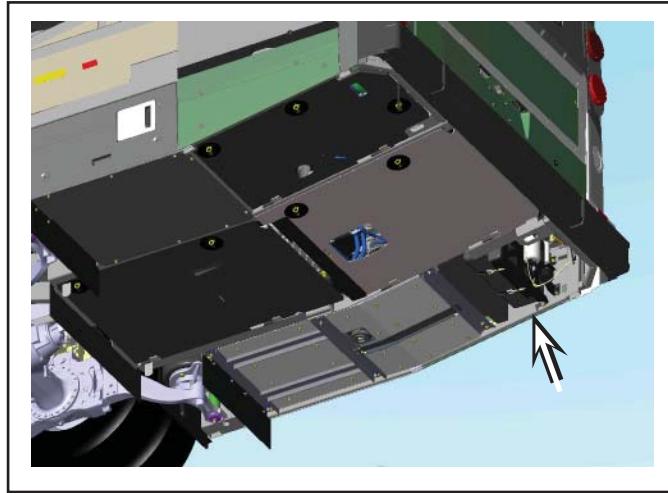


Figure 3 - View of the Rear Dust Pan Removed

- 1.7. Install the two weldstuds N17926. See Figure 4.

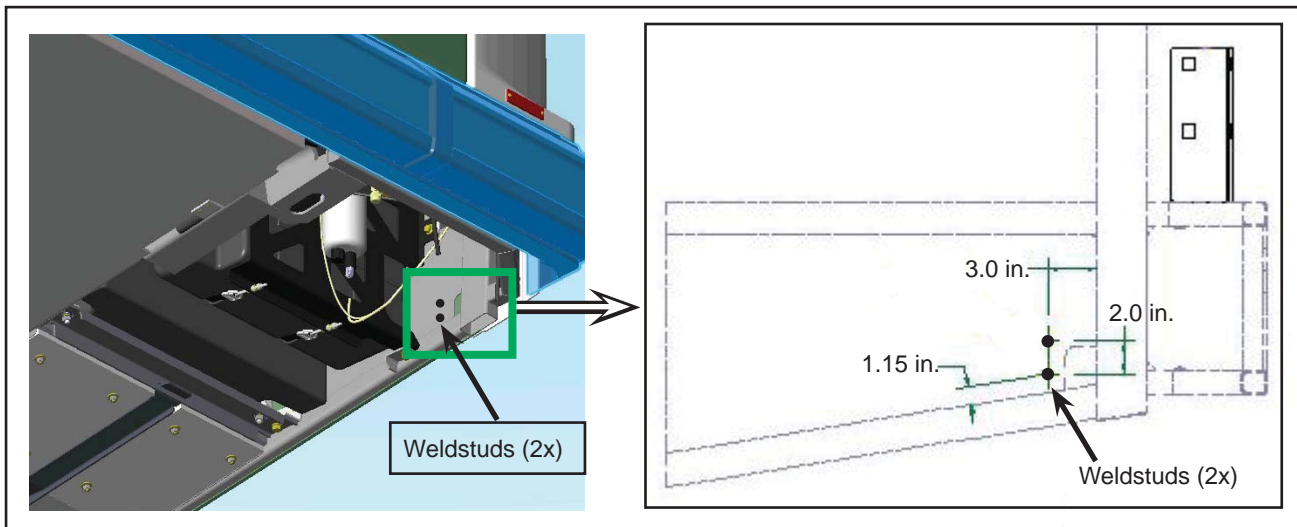


Figure 4 - Weldstuds Location

- 1.8. Install the two connectors 2065711 on the silencers support N74517 using pipe sealant. See Figure 5.

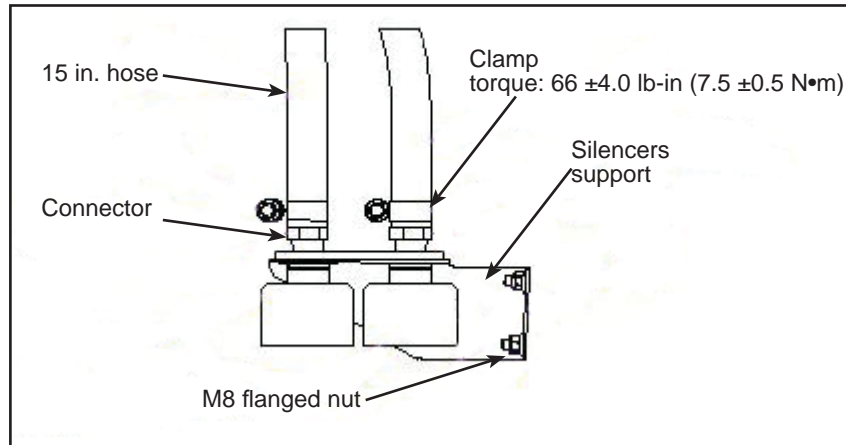


Figure 5 - Silencers Support Hardware Installation

- 1.9. Install the two 15 inches hoses N74649 on the connectors 2065711 and the two clamps N22781-03. Torque the clamps to the specified value. Use Torque Seal paint on the clamps. See Figure 5.
- 1.10. From the silencer kits N46612, install the gaskets, the exhaust covers with the screws on the silencers' support N74517. See Figures 5 and 6.

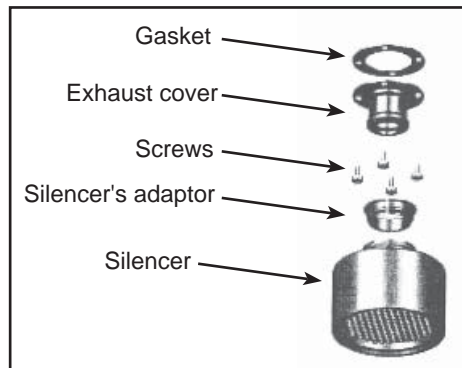


Figure 6 - Silencer Kit N46612

- 1.11. Install the silencer's adaptor and the silencer. Refer to the manufacturer's installation instructions sheet included in the silencer kit. Follow the assembly instructions for AD-IP model.
- 1.12. Install the silencers' supports assembly on the vehicle's weldstuds N17926 with two M8 flanged nuts N43233. See Figure 5.
- 1.13. Install rear dust pan.
- 1.14. Lower the vehicle.

- 1.15. Install the two 2.5 inches hoses N74649, the two 90° elbows N72896-06, the two clamps N60419-02 and the two clamps N22781-03 on the dryers. DO NOT torque those clamps at this step. See Figure 7.

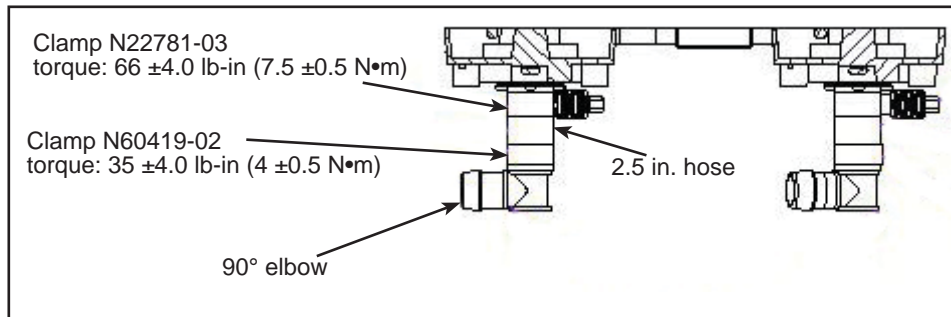


Figure 7 - Air Dryers Hardware Installation

- 1.16. Install the 15 inches hose N74649, the 90° elbow and two clamps N60419-02 between the front dryer and the street side silencer's hose. DO NOT torque these clamps at this step. See Figure 8.

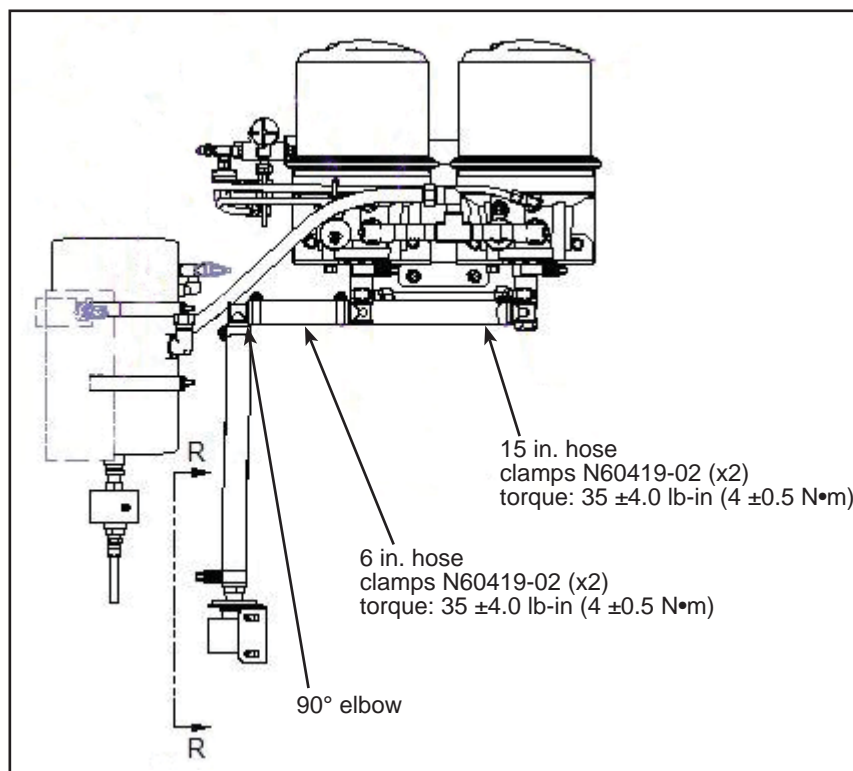


Figure 8 - Air Dryer Exhaust Assembly

- 1.17. Install the 6 inches hose N74649, the 90° elbow and the two clamps N60419-02 between the rear dryer and the curb side silencer's hose. See Figure 8.

- 1.18. Torque all the clamps (8x) installed in the previous steps to the specified values. Use Torque Seal paint on the clamps.
- 1.19. Raise the air system to working pressure and test for leaks.
- 1.20. Close the air dryer access door.
- 1.21. The vehicle may be returned to service. ❖