

REFERENCE:	Nova Bus Manuals
SECTION:	08 Braking System
RS N°:	
EFFECTIVE IN PROD.:	L694
TC RECALL N°:	2012-206
NHTSA RECALL N°:	

APPLICATION DEADLINE:

-

SUBJECT:	Brake valve plunger.
JUSTIFICATION:	Brake valve plunger may fail as a result of thinner walls during production.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace brake valve plunger.	Nova Bus	Nova Bus	10 min
2	-	-	-	--

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N8899854	-	Replacement plunger kit	-
LEVEL 2				
-	-	-	-	-

Materials will be available within 2 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	2012JL30	Initial release	Wilder Galiano

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Airdrie Transit	L664	—	—	L82U2B3000507	L82U2B3000507	1
BC Transit - BCT - British Columbia	L604	9434	9434	L82U5C3000597	L82U5C3000597	1
Brantford - Ontario	L663	—	—	L82U1B3000532	L82U1B3000532	1
Fredericton - New Brunswick	L672	—	—	L82U0B3000540	L82U2B3000541	2
Fredericton - New Brunswick	L688	8113	8113	L82U8C3000643	L82U8C3000643	1
Guelph - Ontario	L669	—	—	L82U9B3000536	L82U4B3000539	4
Halifax - Nova Scotia	L693	526	534	L82U8C3000657	L82U7C3000665	9
New York City Transit - New York	L681	5939	5953	S92U2C4500104	S92U2C4500118	15
Niagara Falls - Ontario	L652	—	—	S92U3C3000607	S92U6C3000617	11
Niagara Falls - Ontario	L653	—	—	L82U9C3000618	L82U9C3000621	5
Niagara Parks Commission - Ontario	L656	—	—	L82U0C3000653	L82U2C3000654	2
Niagara Parks Commission - Ontario	L685	—	—	S92U9C3000644	S92U8C3000652	9
Saskatoon - Saskatchewan	L690	1204	1204	L82U1C3000693	L82U1C3000693	1
St. John's - Newfoundland	L687	1201	1209	L82U7C3000598	L82U2C3000606	9
Thunder Bay - Ontario	L662	—	—	L82U3B3000533	L82U7B3000535	3
Timmins - Ontario	L661	—	—	L82U9B3000486	L82U9B3000486	1

PRELIMINARY

**WARNING**

Follow your internal safety procedures.

PROCEDURE

1.1. Locate the brake pedal. See Figure 1.



Figure 1 - Location of the Brake Pedal

1.2. Remove and dispose of the fulcrum pin cotter pin. See Figure 2.

1.3. Remove the fulcrum pin. Retain the pin.

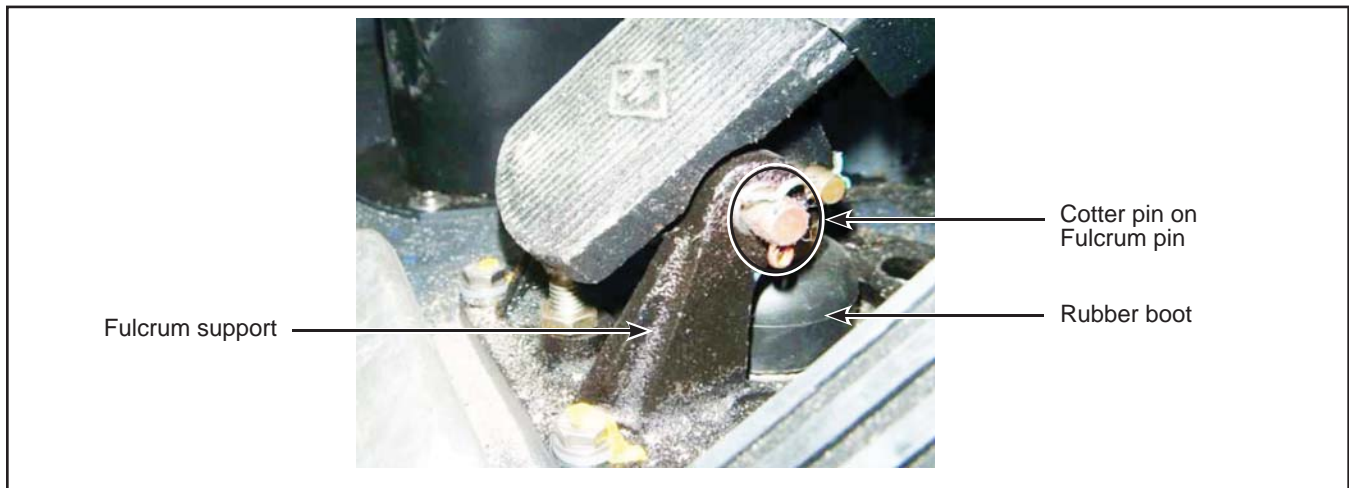


Figure 2 - Rubber Boot and Treadle Fulcrum Pin

1.4. Remove the treadle and the plastic bushing. Retain the treadle and the bushing.

1.5. Remove the rubber boot and the piston from the brake valve. See Figure 3. Retain the rubber boot.

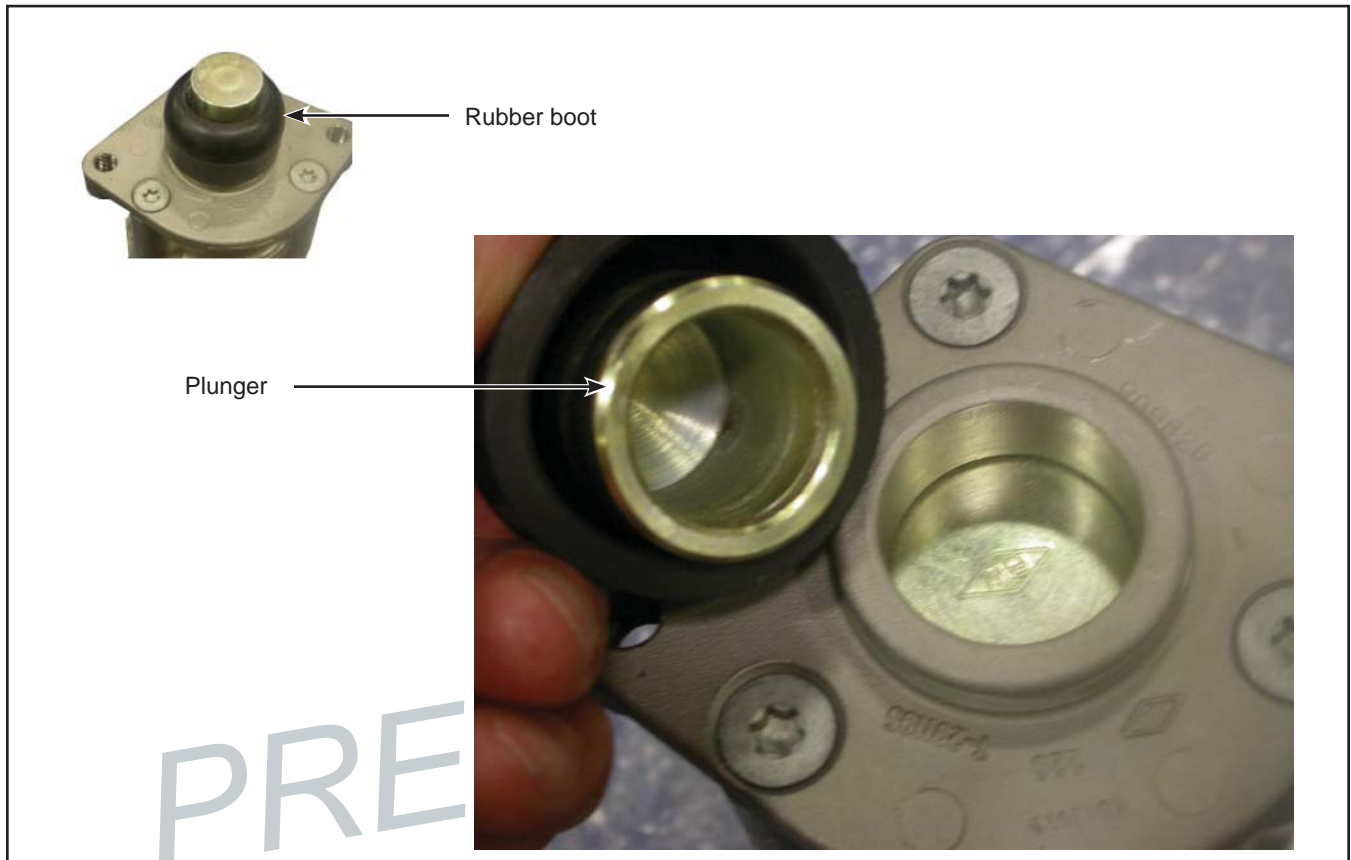


Figure 3 - Brake valve and brake plunger

- 1.6. Lubricate the new plunger with grease supplied in the replacement kit.
1.7. Install the new plunger onto the retained rubber boot.

1.8. Install the boot rubber plunger onto the brake valve. See Figure 4.

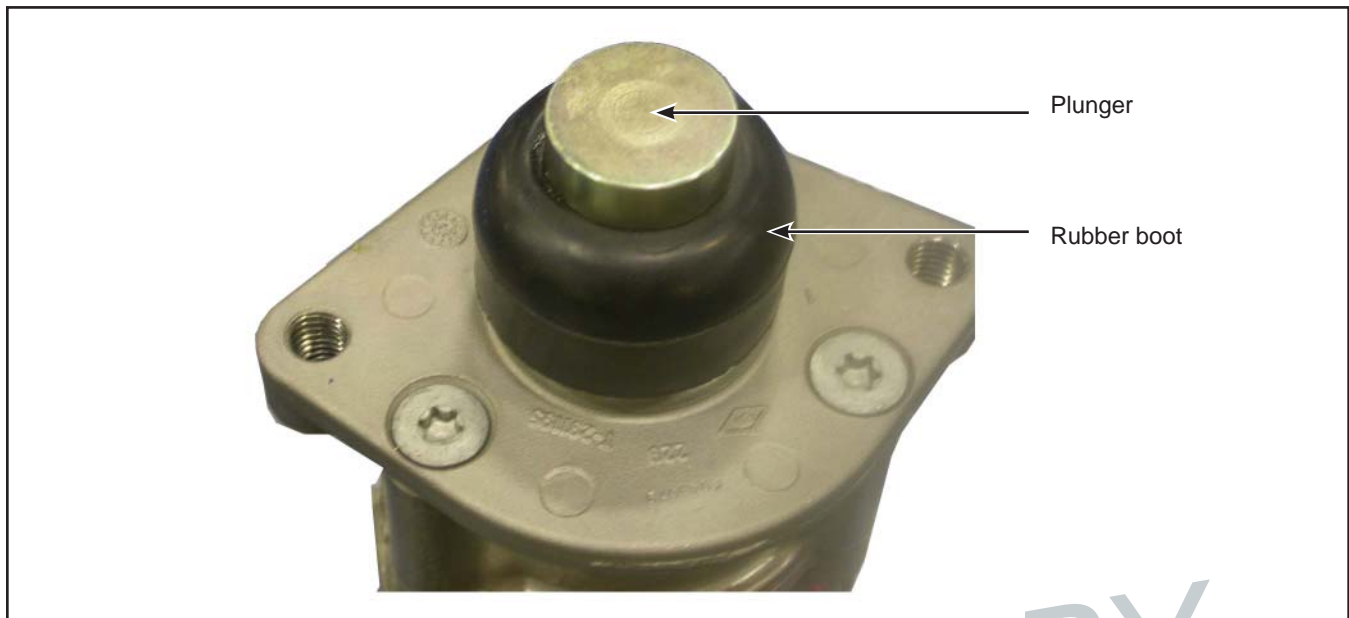


Figure 4 - Assembled Brake Valve

- 1.9. Lubricate the retained fulcrum pin with grease supplied in the replacement kit.
- 1.10. Install the retained fulcrum pin onto the brake pedal fulcrum support. Simultaneously, reinstall the retained treadle and plastic bushing.
- 1.11. Install a new cotter pin and bend the ends around the fulcrum pin. ❖