NOVA BUS

RECALL CAMPAIGN CR3405E

REFERENCE:	Nova Bus Manuals
SECTION:	08; Braking system
RS Nº:	MQR 7621-20
EFFECTIVE IN PROD.:	L163 (2010NO)
TC RECALL Nº:	TC-2015-241
NHTSA RECALL Nº:	15V-350

APPLICATION DEADLINE: NA
CLAIM REFERENCE NUMBER: SR-3405

SUBJECT:	Pneumatic braking system
JUSTIFICATION:	Air hoses might have been incorrectly connected to the R-14 valve and cause a delay in the application of the parking brake.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Inspect the air hose connection to the R-14 valve and if necessary modify the air hose connection to the R-14 valve	Nova Bus	Nova Bus	30 min
2	–	–	–	–

MATERIAL

QTY	PART Nº	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
–		–		–
LEVEL 2				
–	–	–	–	–

DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED	RETAINED	
	–	–	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2015JL22	Initial release	Luc Carignan

APPROVED BY: Daniel Theriault

Digitally signed by Daniel Theriault
DN: cn=Daniel Theriault, o=Nova Bus, ou, email=daniel.theriault@volvo.com, c=CA
Date: 2015.07.22 14:02:05 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Chicago Transit Authority - CTA - Illinois	L093	6709	6883	L82S523000001	L82S523000225	175
Durham Region Transit - Ontario	L101	151	152	L82P613000275	L82P813000276	2
Durham Region Transit - Ontario	L114	153	160	L82P923000367	L82P623000374	8
Durham Region Transit - Ontario	L142	424	429	L82U643000108	L82UX43000113	6
Durham Region Transit - Ontario	L143	—	—	L82S243000010	L82S843000013	4
Durham Region Transit - Ontario	L149	161	168	L82U443000155	L82UX43000161	7
Elliot Lake - Ontario	L148	04-01	04-02	L82U143000162	L82U343000163	2
Guelph - Ontario	L115	169	176	L82P933000080	L82P133000087	8
Guelph - Ontario	L132	177	179	L82P443000019	L82P243000021	3
Guelph - Ontario	L167	180	182	L82U943000250	L82U243000252	3
H.R. Ross Industries - Massachussets	L107	7001	7002	L82T713000234	L82T913000235	2
MATA - Memphis, Tennessee	L116	909	923	L82S723000226	L82S123000240	15
MATA - Memphis, Tennessee	L117	924	928	L82S323000241	L82S023000245	5
Thunder Bay - Ontario	L105	135	136	L82S213000357	L82S413000358	2
Thunder Bay - Ontario	L131	137	141	L82SX43000014	L82S743000018	5
Walt Disney World - Florida	L104	4833	4861	L82PX13000246	L82P413000274	29
Walt Disney World - Florida	L113	4862	4884	L82P623000343	L82P523000365	23
Walt Disney World - Florida	L118	4885	4885	L82P723000366	L82P723000366	1

WARNING

Follow your internal safety procedures.

PROCEDURE

1.1. 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.

1.2. Remove the protective cover located under the brake valves.

1.3. Validate whether the air hoses are connected to the R-14 valve as shown in Figure 1. If the air hoses are both the same color, test the parking brake. During the application of the parking brake, air must be expelled through the R-14 valve, and not through the parking brake valve.

1.4. If the air hoses are not connected to the R-14 valve as shown in Figure 1, or if the air is expelled by the R-14 valve during the application of the parking brake, perform the rest of the procedure. If the air hoses are connected according to Figure 1 or if the air is expelled through the R-14 valve during the parking brake application return the vehicle in service.

1.5. Empty the pneumatic reservoirs.

1.6. Disconnect the air hoses connected to **P** and **S** connector of the R-14 valve identified in Figure 1.

1.7. Invert the air hose on **P** and **S** connector of the R-14 valve. See Figure 1 for the proper hose installation.

1.8. Fill the pneumatic system with air.

1.9. Test the new installation by applying the parking brake. An assistant must check that air is expelled through the R-14 valve when the parking brake is applied. If the air is expelled through the R-14 valve, the installation is correct and no additional measures are needed. If the air is not expelled through the R-14 valve, inspect the vehicle with the pneumatic diagram to see wheter the problem is elsewhere in the pneumatic circuit. ❖

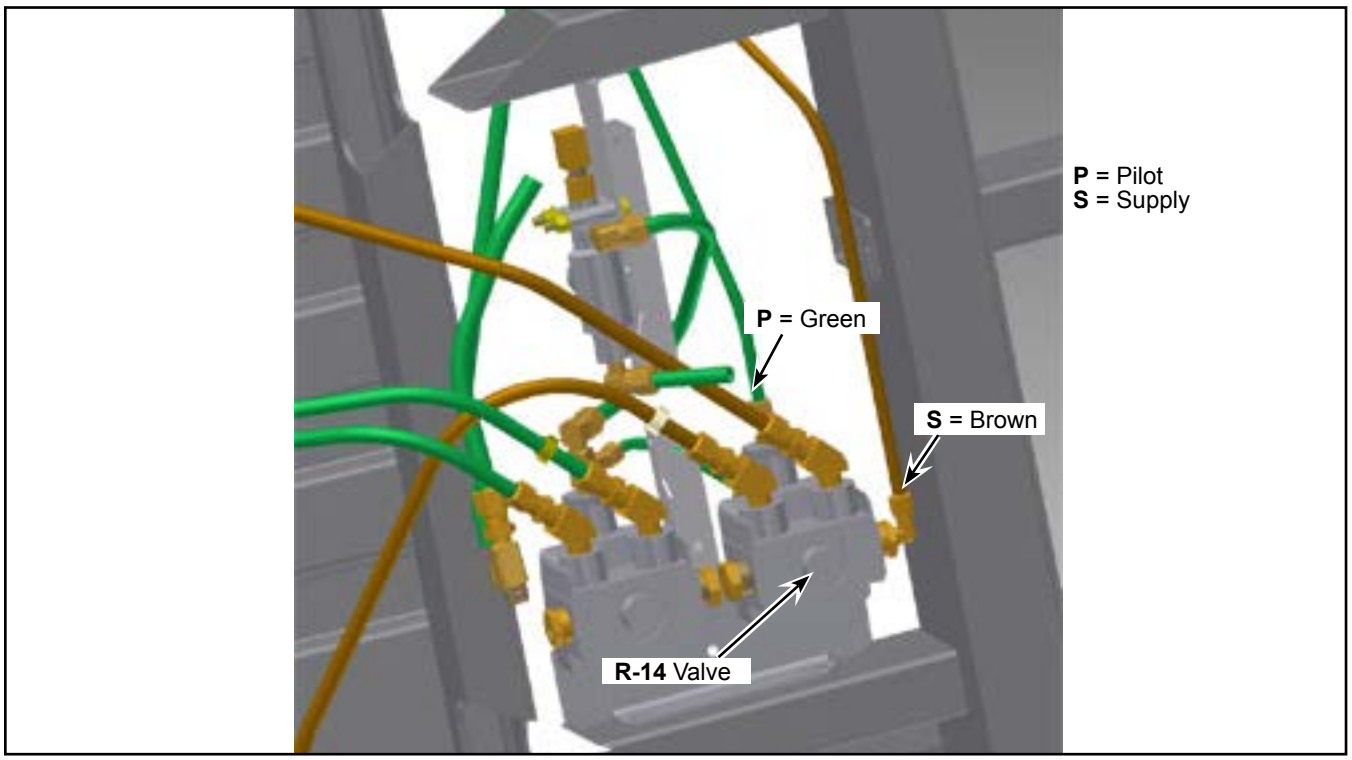

Figure 1 - R-14 Valve Connection