

REFERENCE:	Nova Bus Manuals
SECTION:	08: Pneumatic system
RS N°:	MQR 7621-1569
EFFECTIVE IN PROD.:	LA68-001 (2017SE)

APPLICATION DEADLINE:N/A

SUBJECT:	Emergency door release valve replacement
JUSTIFICATION:	Original valve is discontinued

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace emergency door release valve	Client	Client	30 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N8908255	–	Replacement valve kit	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 30 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. 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	2018MA15	Initial release	Marc Rougeau

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Démo US	L724	7300	7301	S92Y1D4500275	S92Y3D4500276	2
Chicago Transit Authority - CTA - Illinois	L773	—	—	L82JXD4500429	L82J6D4500430	2
Chicago Transit Authority - CTA - Illinois	L811	7902	7949	L82J6E4500509	L82J4E4500556	48
Chicago Transit Authority - CTA - Illinois	L848	8050	8099	L82JXF4500823	L82J1F4500872	50
Chicago Transit Authority - CTA - Illinois	L849	8100	8149	L82J5F4500874	L82J3F4500923	50
Chicago Transit Authority - CTA - Illinois	L850	8150	8199	L82J5F4500924	L82J6G9775013	50
Chicago Transit Authority - CTA - Illinois	L943	8200	8324	L82JXG9775225	L82J3G9775406	125
Cornwall Ontario - Metrolinx	L935	—	—	L82J3F3001838	L82J5F3001839	2
Cornwall Ontario - Metrolinx	LA53	—	—	L82J2H3750892	L82J6H3750894	3
Hamilton - Ontario - Metrolinx	L885	1501	1524	L82K3F4501093	L82K0F4501214	24
Hamilton - Ontario - Metrolinx	L956	1601	1632	L82K2G9775325	L82K3G9775415	32
Hamilton - Ontario - Metrolinx	LA05	1633	1643	L82K4G9775553	L82K7G9775577	11
Hamilton - Ontario - Metrolinx	LA63	1701	1719	L82K5J9776430	L82K5J9776461	30
NFTA - Buffalo, New York	L877	1501	1501	L82K0F4500984	L82K0F4500984	1
NFTA - Buffalo, New York	L897	1502	1520	L82K1F4501223	L82K1G9775008	19
NFTA - Buffalo, New York	L947	1601	1624	L82KXG9775248	L82K3G9775320	24
NFTA - Buffalo, New York	LA24	1701	1716	L82K3H9775822	L82K5H9775837	16
NFTA - Buffalo, New York	LA30	1717	1724	L82J8H9775838	L82J5H9775845	8
San Antonio Texas	LA10	422	446	L82K9G9775628	L82K8G9775653	25
San Antonio Texas	LA22	447	555	L82K8H9775654	L82K0H9775762	109
San Antonio Texas	LA34	556	580	L82K0H9775857	L82K8H9775881	25
San Antonio Texas	LA35	581	691	L82KXH9775882	L82K8H9775993	111
Sarnia Ontario	L873	151	152	L82J0F3001599	L82J0F3001600	2
Sarnia Ontario	L883	153	153	L82J4G3750021	L82J4G3750021	1
Sarnia Ontario	L963	162	162	L82J7G3750305	L82J7G3750305	1
SEPTA - Pennsylvania	L728			L82W7D4500335	L82W7D4500335	1
SEPTA - Pennsylvania	L741	7355	7355	S92L4E4500504	S92L4E4500504	1
SEPTA - Pennsylvania	L742	7371	7414	S92L6E4500729	S92L7E4500772	44
SEPTA - Pennsylvania	L743	7356	7370	S92L1E4500489	S92L2E4500503	15
SEPTA - Pennsylvania	L744	8601	8689	L82L7E4500570	L82LXE4500661	89
SEPTA - Pennsylvania	L745	7415	7415	S92L0F4500873	S92L0F4500873	1
SEPTA - Pennsylvania	L746	7416	7454	S92L7F4500952	S92L8F4501012	39
SEPTA - Pennsylvania	L749	7302	7354	S92Y7D4500409	S92L2E4500470	53
SEPTA - Pennsylvania	L861	7300	7484	S92L5G9775188	S92L8G9775220	32
St. Catharines Ontario - Metrolinx	L879	1501	1504	L82J4F3001587	L82J4F3001590	4
St. Catharines Ontario - Metrolinx	L882	1601	1605	L82J9G3750225	L82J9G3750229	5
St. Catharines Ontario - Metrolinx	L898	1560	1560	S92J4F3001663	S92J4F3001663	1
St. Catharines Ontario - Metrolinx	LA62	1801	1813	L82J8J3751034	L82J4J3751046	13
Toronto Transit Commission - TTC - Ontario	L729	9000	9000	S92U9D3000905	S92U9D3000905	1
Toronto Transit Commission - TTC - Ontario	L738	9001	9026	S92J6D3001094	S92J7D3001119	26
Toronto Transit Commission - TTC - Ontario	L777	9027	9152	S92J7E3001123	S92J6E3001372	126
Toronto Transit Commission - TTC - Ontario	L860	8401	8504	L82J0F3001554	L82JXF3001805	104
Toronto Transit Commission - TTC - Ontario	L937	8510	8617	L82J9G3750001	L82J3G3750401	108
Toronto Transit Commission - TTC - Ontario	L998	8620	8716	L82J3H3750545	L82J4H3750683	97
Toronto Transit Commission - TTC - Ontario	LA67	8720	8919	L82J4H9775996	L82J3H9776248	200

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Park the vehicle on level ground and place the transmission in neutral (N).
- 1.2. Place the master control switch in the stop position (see Figure 1).

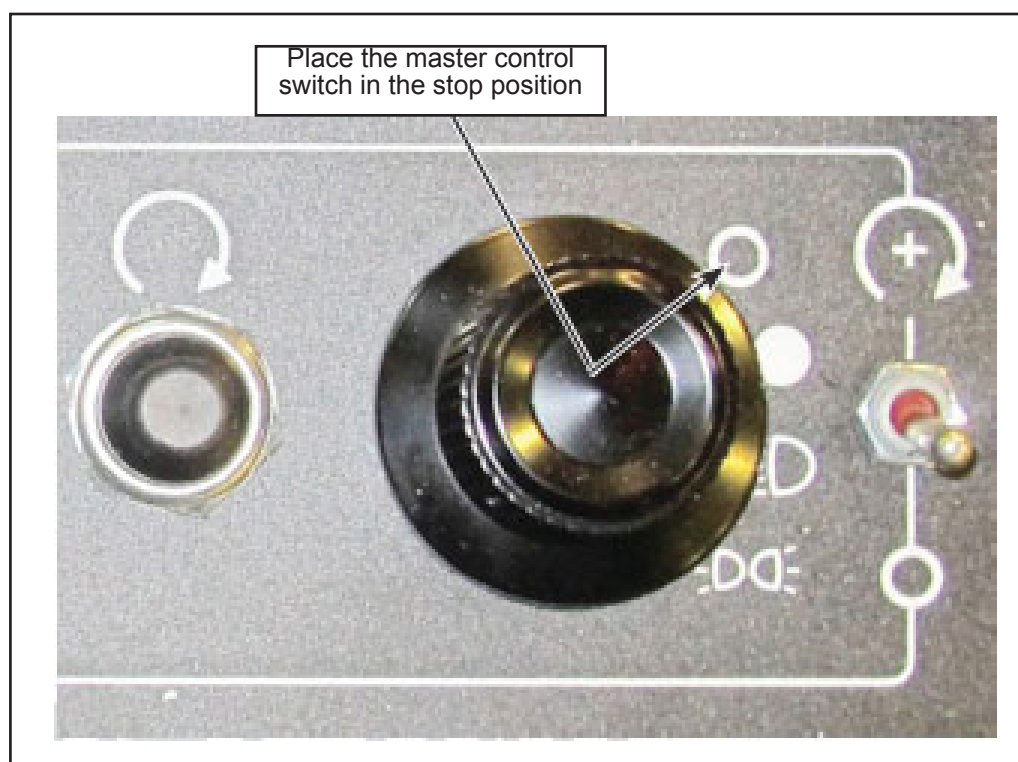


Figure 1 - Place the Master Control Switch in the Stop Position

- 1.3. Loosen both side panel screws (see Figure 2).

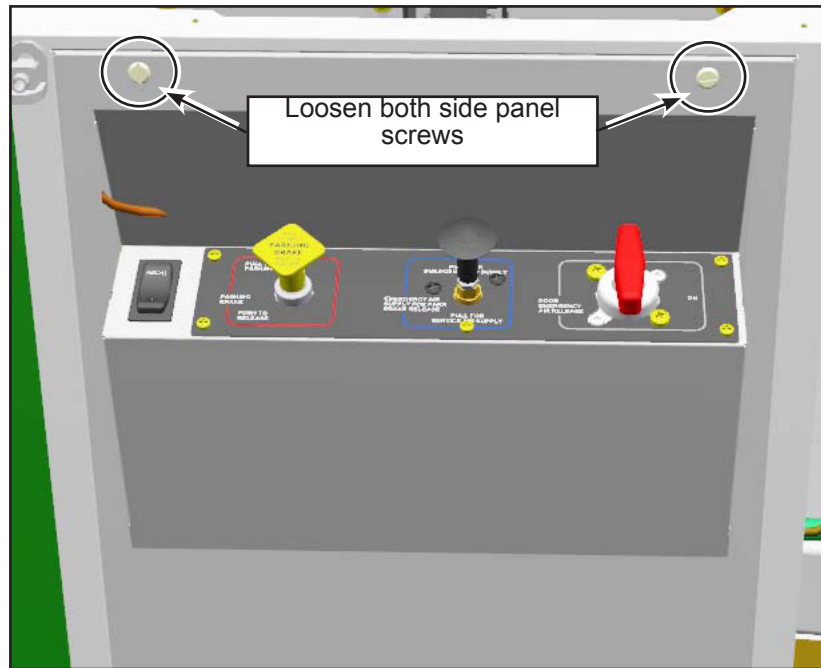


Figure 2 - Loosen Both Side Panel Screws

- 1.4. Remove the Philips-head screw that secures the valve handle (see Figure 3).

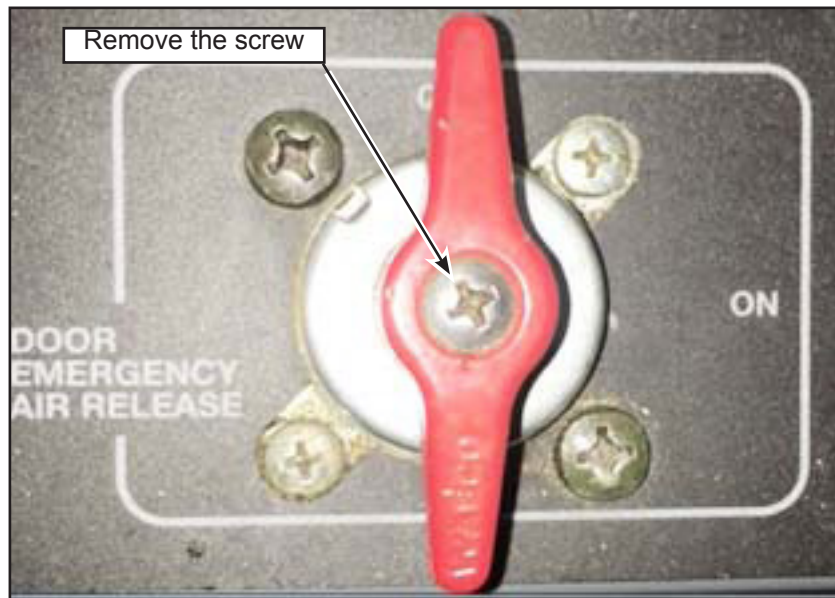


Figure 3 - Remove Philips-Head Screw on Handle

- 1.5. Remove the two Philips-head screws that secure the valve body. Discard both screws (see Figure 4).

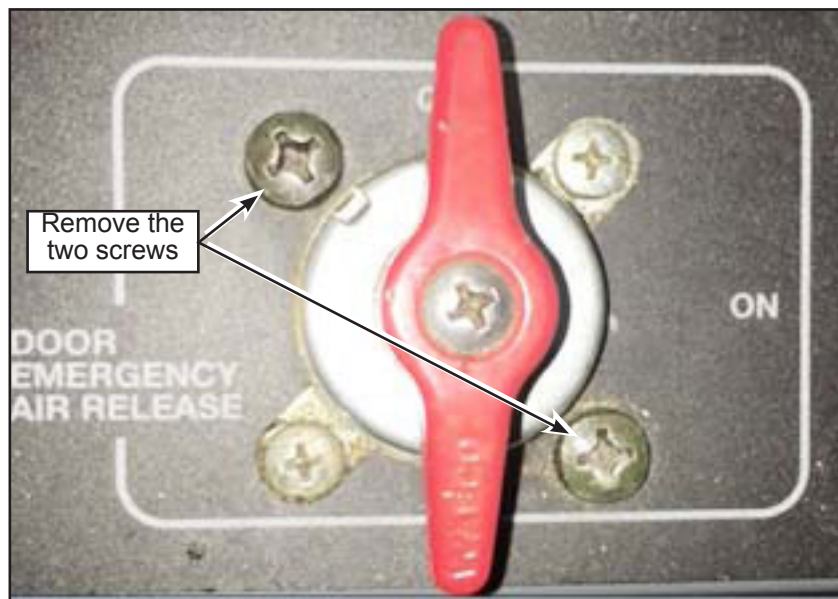


Figure 4 - Remove Philips-Head Screws

- 1.6. Pull the side panel towards the driver's seat to access the valve and fittings. Identify the hoses with labels and disconnect the hoses from the fittings (see Figure 5).

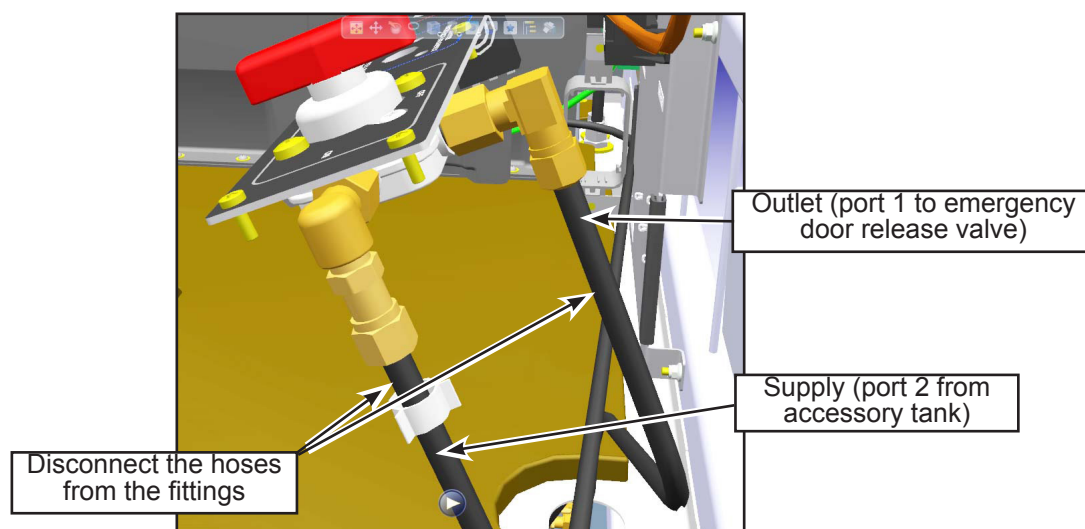


Figure 5 - Disconnect the Hoses From the Fittings

- 1.7. Remove and keep both elbows. Discard the defective valve and the adapters (see Figure 6).

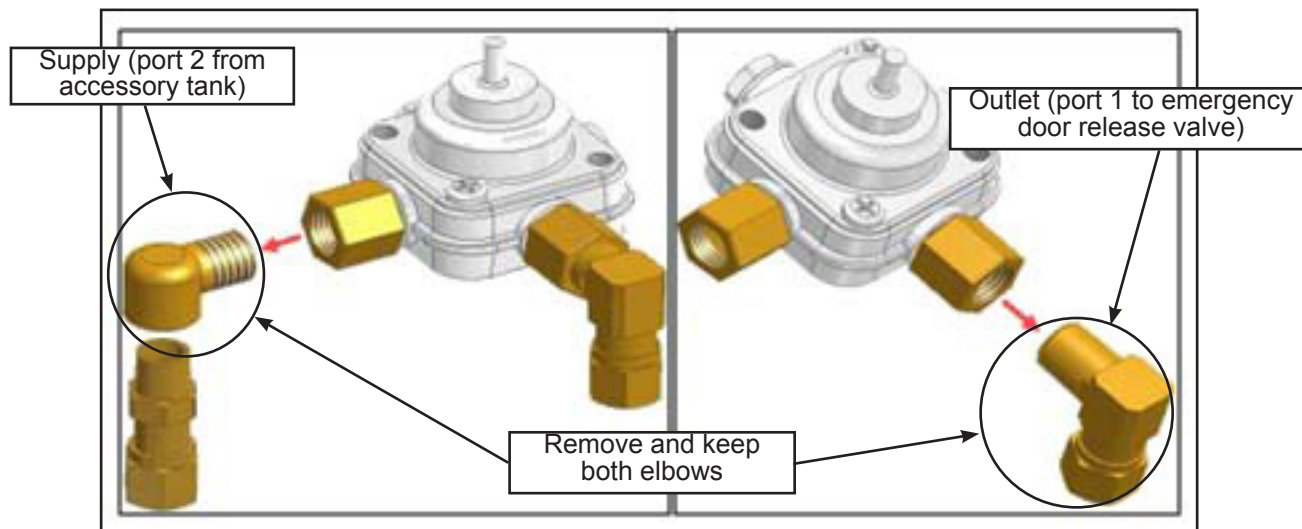


Figure 6 - Remove and Keep Both Elbows

- 1.8. Install both elbows removed earlier, at port 1 and port 2, onto the new Massat valve. Numbers 1 and 2 are engraved on the valve body (see Figure 7).

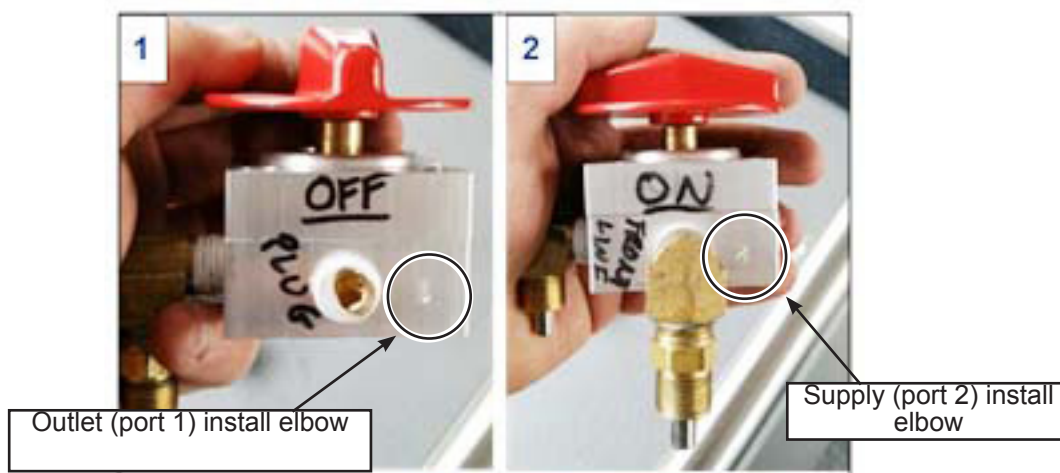


Figure 7 - Install Both Elbows on the New Valve

- 1.9. Install the "On" and "Off" decals on the panel (see Figure 8).

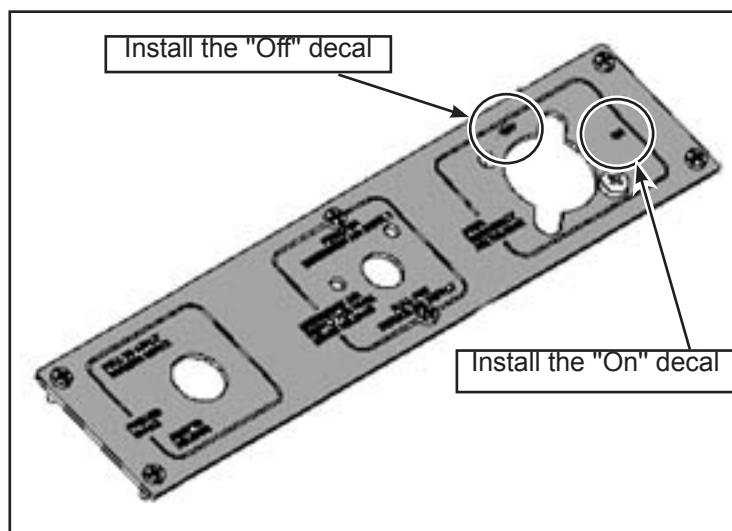


Figure 8 - Install the "On" and "Off" Decals

- 1.10. Install both hoses on the fittings of the new Massat valve (see Figure 9).

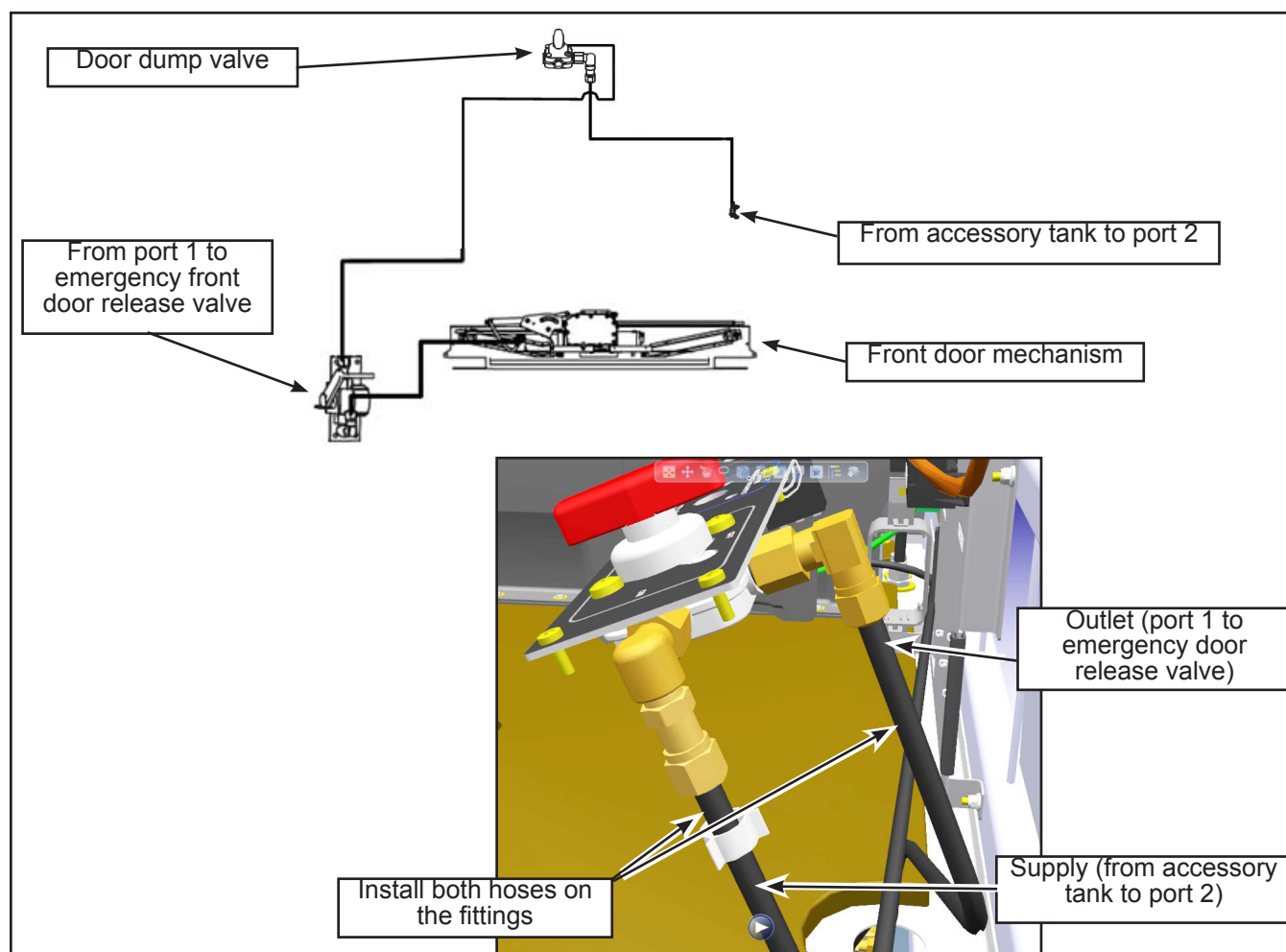


Figure 9 - Install Both Hoses on the Fittings

1.11. Install both screws (see Figure 10).

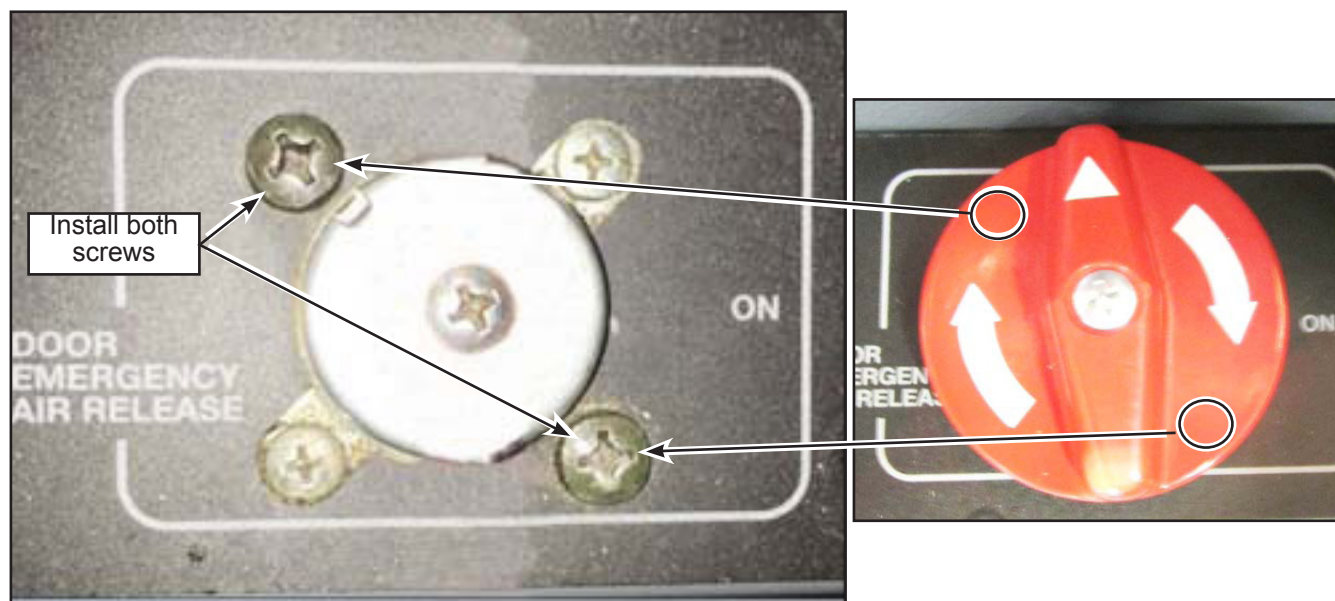


Figure 10 - Install Both Screws

1.12. Install the screw that secures the valve handle (see Figure 11).

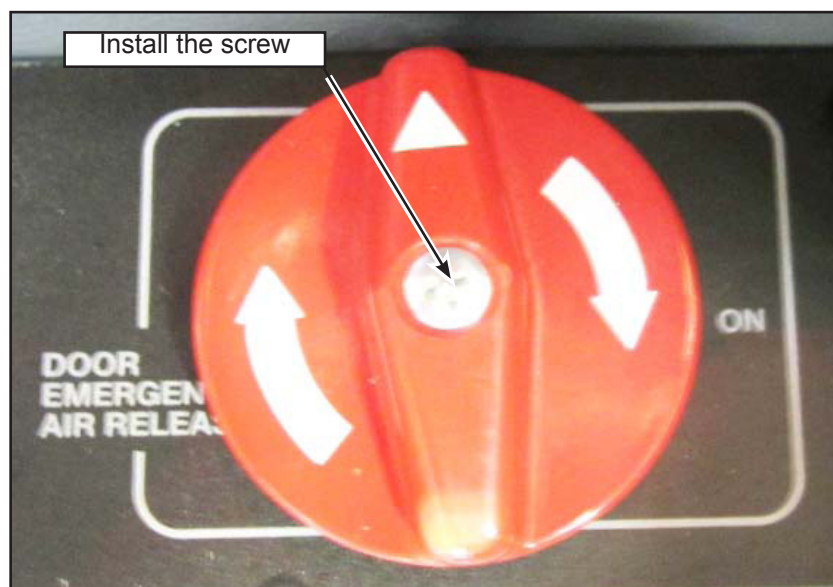


Figure 11 - Install the Screw

- 1.13. Place the side panel back in place and tighten both side panel screws (see Figure 12).

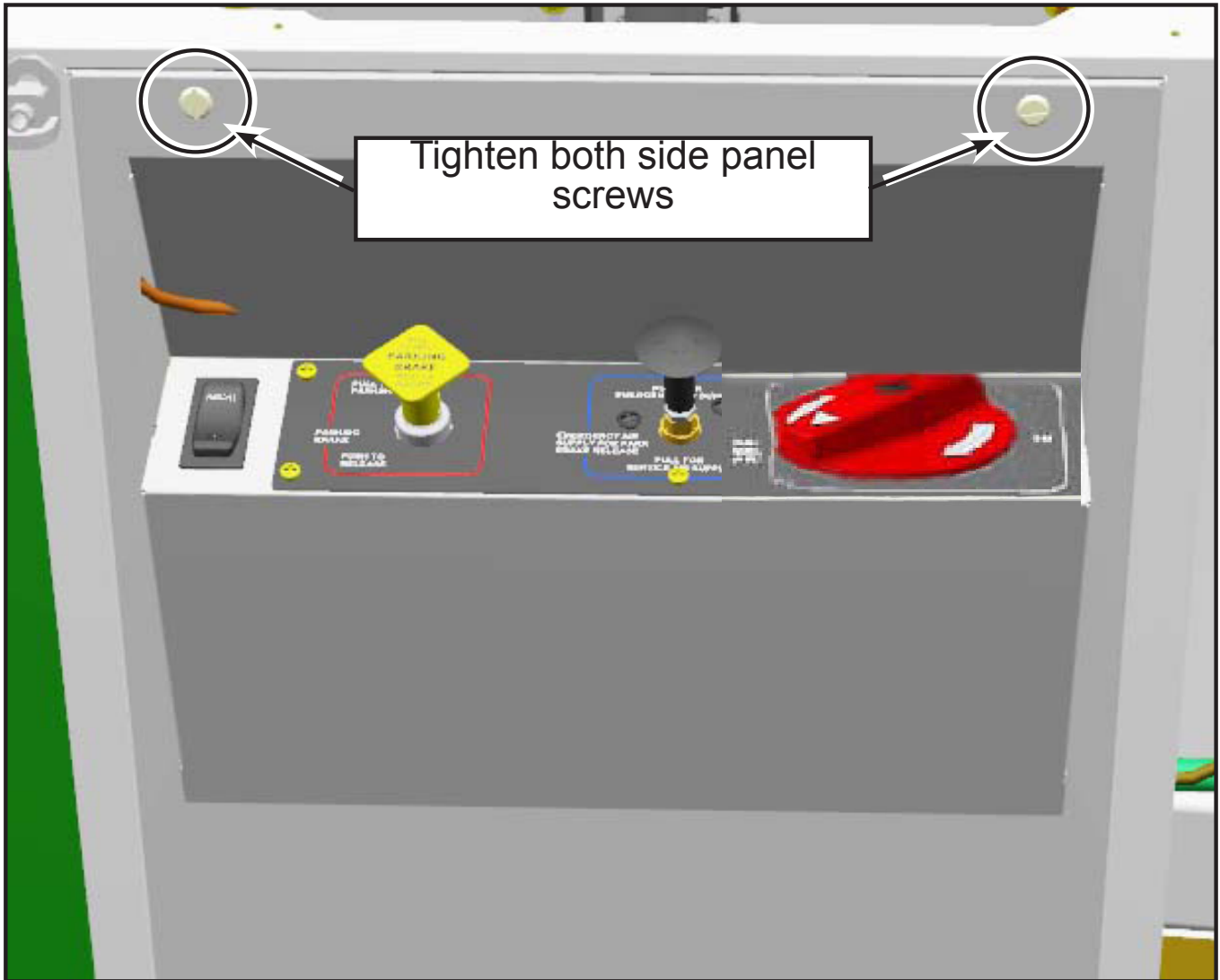


Figure 12 - Tighten Both Side Panel Screws

- 1.14. Return the vehicle to service. ❖