

REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical system
RS N°:	MQR 7621-2422
EFFECTIVE IN PROD.:	LF49 (2023AU)

APPLICATION DEADLINES: N/A

SUBJECT:	Front headlights
JUSTIFICATION:	Introduction of headlight N109645 to replace N71373. The new headlight is interchangeable and offers better protection against water intrusion. It is possible to replace only one headlight if necessary.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace when required headlight N109645 with N71373.	Client	Client	-
2	-	-	-	-

## MATERIAL REQUIRED PER VEHICLE

## REPLACE

QTY	PART N°	REV.	DESCRIPTION	
<b>LEVEL 1</b>				
1	N109645	-	Headlight (Truck-Lite 7" 24/12V)	N71373
<b>LEVEL 2</b>				
-	-	-	-	

## DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED	RETAINED	
	-	-	

## REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2023OC27	Initial release	André Pelletier

APPROVED BY:

NQF772002 VERSION 5

Eric Charest

Signature numérique de Eric

Charest

Date : 2023.10.27 11:10:29 -

04'00'

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Academy Busline - New Jersey	LC95	—	—	L82J2L97775	L82J9L97775	2
Academy Busline - New Jersey	LD60	—	—	L82JXM37529	L82JXM37529	15
Academy Busline - New Jersey	LE57	2201	2225	L82J9N37533	L82J3N37534	25
Airdrie Transit - Alberta	LB10	3718	3718	L82J1J97764	L82J1J97764	1
Airdrie Transit - Alberta	LC17	3725	3726	L82J3K37518	L82J5K37518	2
Airdrie Transit - Alberta	LD26	—	—	S92J9L37528	S92J0L37528	2
Airdrie Transit - Alberta	LD27	—	—	L82J3L37528	L82J7L37528	3
Barrie - Ontario - Metrolinx	LA31	1701	1705	L82J0H97758	L82J2H97758	5
Barrie - Ontario - Metrolinx	LA49	1706	1713	L82J7H37508	L82J4H37508	8
Barrie - Ontario - Metrolinx	LC63	2001	2002	L82J3L97775	L82J5L97775	2
Barrie - Ontario - Metrolinx	LD55	2101	2103	L82J2L97777	L82J6L97777	3
Barrie - Ontario - Metrolinx	LE18	2201	2203	L82J1M37533	L82J5M37533	3
Barrie - Ontario - Metrolinx	LE46	2204	2206	L82J7M37533	L82J5M37533	3
Barrie - Ontario - Metrolinx	LF04	2301	2303	L82J2P37538	L82J6P37538	3
Belleville Transit - Ontario - Metrolinx	LD69	—	—	L82J4M37529	L82JXM37529	4
Belleville Transit - Ontario - Metrolinx	LE07	—	—	L82J1M37532	L82J1M37532	1
Bow Valley Transit - Alberta	LB86	N/A	N/A	L82J8K97770	L82J1K97770	3
Bow Valley Transit - Alberta	LA26	—	—	L82J4H37504	L82J4H37504	1
Bow Valley Transit - Alberta	LA28	—	—	L82J6H97763	L82J4H97763	3
Brantford - Ontario	LA03	10161	10612	L82J0G37503	L82J7G37503	2
Brantford - Ontario	LB64	101808	101810	L82J2J37514	L82J6J37514	3
Brantford - Ontario - Metrolinx	LE09	102105	102109	L82J8M37532	L82JXM37532	5
Brantford - Ontario - Metrolinx	LE59	102201	102205	L82J0N37534	L82J4N37535	5
Brantford - Ontario - Metrolinx	LF05	102301	102303	L82J2P37538	L82J6P37538	3
Burlington - Ontario - Metrolinx	LB35	7033-18	7036-18	L82J9J37514	L82J0J37514	2
Burlington - Ontario - Metrolinx	LC18	1901	1907	L82J9K37520	L82J0K37521	7
Burlington - Ontario - Metrolinx	LD86	2101	2108	L82J2M37530	L82J8M37530	8
Burlington - Ontario - Metrolinx	LE48	72201	72207	L82J8N37533	L82J9N37533	7
Burlington - Ontario - Metrolinx	LE94	7-2301	7-2305	L82J2P37538	L82JXP37538	5
Burlington - Ontario - Metrolinx	LF32	7-2306	7-2309	L82J9P37540	L82J9P37540	4
Calgary Transit - Alberta	LB85	8355	8362	L82K9J97769	L82K6J97769	8
Calgary Transit - Alberta	LB91	8363	8394	L82K3K97770	L82K1K97770	32
Calgary Transit - Alberta	LC69	8395	8434	L82K2K97773	L82K8K97774	40
Calgary Transit - Alberta	LC94	8435	8464	L82K5L97774	L82K8L97775	30
Calgary Transit - Alberta	LE51	8465	8489	L82K0N37534	L82K7N37534	25
Calgary Transit - Alberta	LE82	8490	8521	L82K3N37536	L82K1N37537	32
Cape Breton - Nova Scotia	LA12	7092	7093	L82J8H37505	L82JXH37505	2
Cape Breton - Nova Scotia	LB92	7112	7113	L82J3K37517	L82J5K37517	2
Cape Breton - Nova Scotia	LC90	—	—	L82J1L37523	L82J1L37523	1
Cape Breton - Nova Scotia	LD22	N/A	N/A	L82J7L37526	L82J7L37526	1
Cape Breton - Nova Scotia	LD97	—	—	L82J9M37530	L82J9M37530	1
Cape Breton - Nova Scotia	LE10	—	—	L82J9M37532	L82J9M37532	1

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Cape Breton - Nova Scotia	LE58	—	—	L82J7N37534	L82J7N37534	1
Cape Breton - Nova Scotia	LF34	—	—	L82J9P37539	L82J9P37539	1
CHARM City Baltimore - Maryland	LC73	1910218	1910223	L82J4K97774	L82J8K97774	6
CHARM City Baltimore - Maryland	LD37	1910234	1910239	L82JXL97777	L82J3L97777	6
Cornwall - Ontario - Metrolinx	LA53	—	—	L82J2H37508	L82J6H37508	3
Cornwall - Ontario - Metrolinx	LB55	—	—	L82J8J37514	L82J8J37514	1
Cornwall - Ontario - Metrolinx	LD68	—	—	L82J3M37529	L82J2M37529	6
Cornwall - Ontario - Metrolinx	LE37	—	—	L82L3N37534	L82L7N37534	2
Cornwall - Ontario - Metrolinx	LE95	—	—	L82L0P37538	L82L0P37538	1
Demo - Altoona electric Bus - LFS-e+ (P9750)	LE01	—	—	L82J4M37529	L82J4M37529	1
Demo - Altoona HEV BAE (REF LA95)	LB38	—	—	L82L7H37509	L82L7H37509	1
Demo - BAE Nova	LA94	—	—	L82L3H37508	L82L3H37508	1
Duke University - North Carolina	LB08	—	—	L82L9J37515	L82L2J37515	3
Duke University - North Carolina	LA38	—	—	L82L9H97759	L82L9H97759	1
Duke University - North Carolina	LA39	—	—	S92LXH97759	S92LXH97759	1
Durham Region Transit - Ontario - Metrolinx	LA19	8564	8565	L82J9G37504	L82J0G37504	2
Durham Region Transit - Ontario - Metrolinx	LA50	8566	8578	L82JXH37509	L82J1H37509	13
Durham Region Transit - Ontario - Metrolinx	LB11	8579	8589	L82J2H97763	L82J0H97763	11
Durham Region Transit - Ontario - Metrolinx	LB36	6100	6112	L82J2J37514	L82J7J37514	13
Durham Region Transit - Ontario - Metrolinx	LB60	7100	7103	L82J5J37515	L82J5J37515	4
Durham Region Transit - Ontario - Metrolinx	LC36	6113	6116	L82J2K37521	L82J8K37521	4
Durham Region Transit - Ontario - Metrolinx	LC62	9100	9105	S92J7L37523	S92J6L37523	6
Durham Region Transit - Ontario - Metrolinx	LD57	6117	6119	L82J8L97777	L82J1L97777	3
Durham Region Transit - Ontario - Metrolinx	LD91	7104	7117	L82J0M37530	L82J5M37530	14
Durham Region Transit - Ontario - Metrolinx	LD94	9106	9107	S92J6M37530	S92J8M37530	2
Durham Region Transit - Ontario - Metrolinx	LE20	7118	7122	L82J2M37533	L82JXM37533	5
Durham Region Transit - Ontario - Metrolinx	LE36	6120	6129	L82LXN37535	L82L0N37535	10
Durham Region Transit - Ontario - Metrolinx	LE96	7123	7124	L82J6P37538	L82J8P37538	2
Fredericton - New Brunswick	LE49	8221	8221	L82J9N37533	L82J9N37533	1
Fredericton - New Brunswick	LE79	8222	8223	L82JXN37536	L82J1N37536	2
Guelph - Ontario	LA54	252	275	L82J1H37508	L82J0H37508	24
Guelph - Ontario	LC88	276	280	L82J8L37523	L82JXL37523	5
Guelph - Ontario	LD33	281	284	L82J8L37528	L82J8L37528	4
Guelph - Ontario	LE69	285	288	L82M9N37536	L82M2N37536	4
Halifax - Nova Scotia	LA11	1208	1236	L82J1G97755	L82J4G97756	29
Halifax - Nova Scotia	LA14	1237	1237	L82J1G97755	L82J1G97755	1
Halifax - Nova Scotia	LA27	1238	1276	L82J5H97757	L82J9H97758	39
Halifax - Nova Scotia	LB61	1277	1284	L82J9J97766	L82J6J97766	8
Halifax - Nova Scotia	LB70	1285	1299	L82J4J97768	L82J9J97768	15
Halifax - Nova Scotia	LC11	1300	1334	L82JXK97773	L82J5K97773	35
Halifax - Nova Scotia	LD77	1335	1369	L82J0M37528	L82J7M37529	35
Halifax - Nova Scotia	LE08	1370	1406	L82J3M37532	L82J7M37532	37
Halifax - Nova Scotia	LE78	1407	1413	L82JXN37536	L82J9N37536	7
Halifax - Nova Scotia	LE91	2301	2301	L82MXP37540	L82MXP37540	1

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Hamilton - Ontario - Metrolinx	LA05	1633	1643	L82K4G97755	L82K7G97755	11
Hamilton - Ontario - Metrolinx	LA63	1701	1719	L82K5J97764	L82K5J97764	30
Hamilton - Ontario - Metrolinx	LE55	2101	2120	L82KXN37534	L82K6N37535	20
Hamilton - Ontario - Metrolinx	LE86	2201	2231	L82K3N37537	L82K3N37537	31
Hamilton - Ontario - Metrolinx	LF27	2251	2292	L82K4P37539	L82K4P37540	42
Kingston - Ontario - Metrolinx	LA59	1803	1818	L82JXH37509	L82J4H37509	11
Kingston - Ontario - Metrolinx	LA60	1825	1837	L82J7H37509	L82J8H37509	6
Kingston - Ontario - Metrolinx	LB34	1821	1841	L82J3J37514	L82J0J37514	5
Kingston - Ontario - Metrolinx	LB68	1901	1901	L82J1K37519	L82J1K37519	1
Kingston - Ontario - Metrolinx	LB69	1920	1951	L82J3K37519	L82J0K37519	5
Kingston - Ontario - Metrolinx	LD65	2101	2105	L82J6M37528	L82J3M37528	5
Kingston - Ontario - Metrolinx	LD74	2106	2106	L82J4M37528	L82J4M37528	1
Mack Defense	LE68	—	—	L82J6N97784	L82J7N97785	4
Milton - Ontario - Metrolinx	LA51	1801	1803	L82J3H37509	L82J7H37509	3
Milton - Ontario - Metrolinx	LB33	1804	1804	L82J7J37515	L82J7J37515	1
Milton - Ontario - Metrolinx	LC71	1901	1902	L82J1K37522	L82J3K37522	2
Milton - Ontario - Metrolinx	LD62	2001	2001	L82J2L97777	L82J2L97777	1
Milton - Ontario - Metrolinx	LE97	2201	2205	L82J3P37538	L82J0P37538	5
Moncton (Codiac) - New Brunswick	LA06	—	—	L82J3G97755	L82JXG97755	9
Moncton (Codiac) - New Brunswick	LA42	—	—	L82J8H97760	L82J0H97760	11
Moncton (Codiac) - New Brunswick	LA58	—	—	L82J2J97763	L82J2J97763	1
Moncton (Codiac) - New Brunswick	LB84	N/A	N/A	L82J3K97770	L82J3K97770	1
Moncton (Codiac) - New Brunswick	LD73	—	—	L82J1M37529	L82J1M37529	4
Moncton (Codiac) - New Brunswick	LF47	—	—	L82J7P37540	L82J7P37540	1
Moose Jaw - Saskatchewan	LF44	LF44	LF44	L82J3P37540	L82J3P37540	1
Niagara Transit Commission - Metrolinx	LA52	—	—	L82J2H37509	L82J4H37509	2
Niagara Transit Commission - Metrolinx	LA62	1801	1813	L82J8J37510	L82J4J37510	13
Niagara Transit Commission - Metrolinx	LA93	—	—	L82J6H37509	L82J6H37509	1
Niagara Transit Commission - Metrolinx	LB06	1860	1862	S92J1J37510	S92J5J37510	3
Niagara Transit Commission - Metrolinx	LB09	1740	1740	L82J6J37510	L82J6J37510	1
Niagara Transit Commission - Metrolinx	LC19	—	—	L82J2K37519	L82J4K37519	2
Niagara Transit Commission - Metrolinx	LC37	—	—	L82J6K37519	L82J8K37519	2
Niagara Transit Commission - Metrolinx	LC84	2040	2043	L82J6L97775	L82J1L97775	4
Niagara Transit Commission - Metrolinx	LC85	—	—	L82J0L97775	L82J0L97775	1
Niagara Transit Commission - Metrolinx	LD54	2140	2140	S92J8L97777	S92J8L97777	1
Niagara Transit Commission - Metrolinx	LD67	2101	2112	L82J8M37529	L82J2M37529	12
Niagara Transit Commission - Metrolinx	LE22	—	—	L82J7M37533	L82J9M37533	2
Niagara Transit Commission - Metrolinx	LE24	2201	2209	L82J9N37533	L82J8N37533	9
Niagara Transit Commission - Metrolinx	LE38	—	—	L82J0M37533	L82J0M37533	1
Niagara Transit Commission - Metrolinx	LF01	2301	2308	L82J1P37538	L82J9P37538	8
North Bay - Ontario - Metrolinx	LB48	788	790	L82J7J37513	L82J0J37513	3
North Bay - Ontario - Metrolinx	LC38	792	793	L82J3K37520	L82J7K37520	2
North Bay - Ontario - Metrolinx	LD52	794	794	L82J0L97777	L82J0L97777	1
North Bay - Ontario - Metrolinx	LE98	795	795	L82J1P37539	L82J1P37539	1

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Oakville - Ontario	LB93	—	—	L82J3K37517	L82J5K37517	5
Oakville - Ontario	LC57	—	—	L82J6K37521	L82J5K37521	6
Oakville - Ontario	LD58	—	—	L82J7M37528	L82J2M37528	7
Oakville - Ontario - Metrolinx	LA55	—	—	L82J6H37508	L82J5H37508	6
Orillia - Ontario - Metrolinx	LA61	1825	1826	L82J2J37510	L82J4J37510	2
Ottawa - OC Transpo - Metrolinx	LB80	4601	4609	L82J0J37515	L82J3J37515	9
Ottawa - OC Transpo - Metrolinx	LC16	4610	4682	L82J7K37517	L82JXK37519	73
Ottawa - OC Transpo - Metrolinx	LC67	4683	4736	L82J7K37521	L82J4K37521	54
Ottawa - OC Transpo - Metrolinx	LC68	4737	4775	L82J0K97774	L82J3K97774	39
Ottawa - OC Transpo - Metrolinx	LD21	4776	4830	L82J5L37526	L82J3L37527	55
Ottawa - OC Transpo - Metrolinx	LD51	4831	4849	L82J4L97777	L82J1L97777	19
Regina - Saskatchewan	LA44	814	829	L82J0H37507	L82J7H37507	16
Regina - Saskatchewan	LA66	833	836	L82J0J37516	L82J6J37516	4
Regina - Saskatchewan	LB16	830	830	L82J0H37507	L82J0H37507	1
Regina - Saskatchewan	LB17	831	831	L82J2H37507	L82J2H37507	1
Regina - Saskatchewan	LB18	832	832	L82J4H37507	L82J4H37507	1
Regina - Saskatchewan	LD78	—	—	S92J8M37529	S92JXM37529	2
Regina - Saskatchewan	LE40	2201	2202	L82J3N37533	L82J5N37533	2
Regina - Saskatchewan	LE45	2301	2303	L82L0P37538	L82L4P37538	3
RMA World wide chauffeured Transportation	LC98	N/A	N/A	L82J6L97776	L82J7L97777	12
Rochester New York - RTS	LB76	1901	1901	L82J3K97770	L82J3K97770	1
Rochester New York - RTS	LB77	1902	1910	L82J4K97773	L82J3K97773	9
Rochester New York - RTS	LE92	2221	2247	L82J5N97786	L82J8N97786	27
Rochester New York - RTS	LF26	2301	2309	L82J3P97788	L82J2P97788	9
Sarnia - Ontario - Metrolinx	LA36	171	172	L82J8H37507	L82JXH37507	2
Sarnia - Ontario - Metrolinx	LD56	201	202	L82J7M37528	L82J9M37528	2
Sarnia - Ontario - Metrolinx	LE23	211	212	L82JXN37533	L82J1N37533	2
Sarnia - Ontario - Metrolinx	LE99	221	222	L82J4P37538	L82J0P37538	2
Sault Ste. Marie - Ontario	LC06	—	—	L82J3K37519	L82J5K37519	2
Sault Ste. Marie - Ontario - Metrolinx	LE56	—	—	L82J8N37534	L82J3N37534	3
SFMTA - San Francisco, California	LE39	5010	5010	L82M2N97783	L82M2N97783	1
SFMTA - San Francisco, California	LE72	5011	5012	L82MXP97787	L82M1P97787	2
St. John - New Brunswick	LB05	38888	38899	L82J8J37509	L82J1J37509	12
Sudbury - Ontario	LA46	871	873	L82J1H37508	L82J5H37508	3
Sudbury - Ontario	LB27	881	883	L82J9J37513	L82J2J37513	3
Sudbury - Ontario - Metrolinx	LD71	910	919	L82J8M37530	L82J9M37530	10
Sudbury - Ontario - Metrolinx	LE25	921	927	L82J1M37533	L82J7M37533	7
Sudbury - Ontario - Metrolinx	LF02	931	936	L82J8P37538	L82J7P37538	6
Thunder Bay - Ontario	LE47	239	240	L82J5N37533	L82J7N37533	2
Thunder Bay - Ontario	LE93	241	242	L82J9P37538	L82J0P37538	2
Timmins - Ontario	LB07	—	—	L82J1J37510	L82J3J37510	2
Timmins - Ontario	LC02	—	—	L82JXK37519	L82JXK37519	1
Timmins - Ontario - Metrolinx	LD70	—	—	L82J2M37529	L82J2M37529	1

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		FROM	TO	FROM	TO	
Timmins - Ontario - Metrolinx	LF10	22-107	22-107	L82JXP37538	L82JXP37538	1
University of Vermont	LC87	—	—	L82L5L97775	L82L5L97775	1
Windsor - Ontario - Metrolinx	LA56	578	601	L82J5J37510	L82J0J37510	24
Windsor - Ontario - Metrolinx	LB24	8025	8026	L82JXJ37514	L82J1J37514	2
Windsor - Ontario - Metrolinx	LC21	8027	8045	L82J3L97775	L82J0L97775	19
Windsor - Ontario - Metrolinx	LE44	8046	8069	L82J8N37535	L82JXN37535	24
York Regional Transit - Ontario	LC74	1921	1922	L82M7K37521	L82MXK37522	2
York Regional Transit - Ontario - Metrolinx	LA07	1701	1715	L82J9G37503	L82JXG37503	15