

REFERENCE:	Nova Bus Manuals
SECTION:	11: Exhaust system
RS N°:	MQR 7621-1051
EFFECTIVE IN PROD.:	June 2013

APPLICATION DEADLINE: See Cummins Campaign C1818

SUBJECT:	Engine carbon accumulation
JUSTIFICATION:	Excessive regeneration is causing engine carbon accumulation.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Perform Cummins field campaign C1818.	Cummins	—	—
2	—	—	—	—

MATERIAL

QTY	PART N°	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	2016OC11	Initial release	André Pelletier

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Airdrie Transit - Alberta	L664	—	—	L82U2B3	L82U2B3	1
Airdrie Transit - Alberta	L759	—	—	L82U0D3	L82U0D3	1
Ames Transportation Agency - Iowa	L707	660	661	S92U5C4	S92U1C4	2
Austin - CMTA - Texas	L635	5001	5001	S92U7C4	S92U7C4	1
Austin - CMTA - Texas	L636	5002	5022	S92U1D4	S92U0D4	21
BC Transit - BCT - British Columbia	L604	9434	9434	L82U5C3	L82U5C3	1
BC Transit - BCT - British Columbia	L735	9435	9440	L82U4C3	L82U8C3	6
BC Transit - BCT - British Columbia	L736	9441	9446	L82U8D3	L82U7D3	6
Belleville Transit - Ontario	L598	—	—	L82U5A3	L82U7A3	2
Belleville Transit - Ontario	L655	—	—	L82U3B3	L82U3B3	1
Belleville Transit - Ontario	L702	—	—	L82U4D3	L82U4D3	1
Belleville Transit - Ontario (ref. L754)	L809	—	—	L82U2D4	L82U2D4	1
Bow Valley Transit - Alberta	L712	5	6	L82U6C3	L82U8C3	2
Brantford - Ontario	L663	10121	10121	L82U1B3	L82U1B3	1
Brantford - Ontario	L718	10123	10125	L82U5C3	L82U9C3	3
Calgary Transit - Alberta	L601	8101	8114	L82U5A4	L82U4A4	14
Calgary Transit - Alberta	L607	8115	8130	L82UXA3	L82U6A3	16
Calgary Transit - Alberta	L615	8131	8158	L82U1B4	L82U4B4	28
Calgary Transit - Alberta	L624	—	—	L82U4B4	L82U6B4	2
Calgary Transit - Alberta	L637	8161	8180	L82U7B3	L82U2B3	20
Calgary Transit - Alberta	L709	8181	8200	L82UXC3	L82U3C3	20
Clemson Area Transit - South Carolina	L617	—	—	S92U5C4	S92U5C4	1
Clemson Area Transit - South Carolina (ref. L641)	L722	—	—	L82U1C4	L82U5C4	5
CT Transit - Connecticut	L554	1041	1065	S92U1A4	S92U0A4	25
CT Transit - Connecticut	L571	1101	1110	S92YXB4	S92Y4B4	10
Duke University - North Carolina	L651	—	—	S92Y1B4	S92Y3B4	2
Duke University - North Carolina (ref. L703)	L641	—	—	L82U9C4	L82U1C4	8
Fredericton - New Brunswick	L672	8111	8112	L82U0B3	L82U2B3	2
Fredericton - New Brunswick	L688	8113	8113	L82U8C3	L82U8C3	1
Grand River Transit - GRT - Ontario	L633	21101	21115	L82U7B3	L82U8B3	15
Grand River Transit - GRT - Ontario	L668	21201	21220	L82U6C3	L82UXC3	20
Greater Toronto Airports Authority - GTAA - Ontario	L616	—	—	L82U4C4	L82U4C4	1
Guelph - Ontario	L579	221	224	L82UXA3	L82U5A3	4
Guelph - Ontario	L669	225	228	L82U9B3	L82U4B3	4
Guelph - Ontario	L715	234	235	L82U3C3	L82U5C3	2
Halifax - Nova Scotia	L558	717	731	S92UXA3	S92U6A3	15
Halifax - Nova Scotia	L613	732	741	S92UXB3	S92UXB3	10
Halifax - Nova Scotia	L693	526	534	L82U8C3	L82U7C3	9
Halifax - Nova Scotia	L708	742	761	S92UXC3	S92U3C3	20
Halifax - Nova Scotia	L710	1160	1161	L82U7C3	L82U9C3	2
Hampton Roads - Virginia (L754)	L802	—	—	L82U1D4	L82UXD4	7

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Houston - Texas	L737	1510	1510	S92U4D4	S92U4D4	1
Houston - Texas	L755	1511	1579	S92U4D4	S92U8D4	69
Kings Transit - Nova Scotia	L581	—	—	L82U2B3	L82U2B3	1
Krapf's Coaches - Pennsylvania (ref. L833)	L754	—	—	L82U4D4	L82U4D4	1
LYNX - Florida	L725	—	—	S92Y9D4	S92Y5D4	2
LYNX - Florida	L764	—	—	S92Y7D4	S92Y9D4	2
Marketing Sales Demo - MSD 6 Houston	L628	—	—	L82U8C4	L82UXC4	2
Minnesota Valley Transit Authority - MVTA	L706	4252	4258	L82U4C4	L82UXC4	7
Moncton (Codiac) - New Brunswick	L569	—	—	L82U4B4	L82U4B4	1
Moncton (Codiac) - New Brunswick	L570	—	—	L82U6B4	L82U6B4	1
New York City Transit - New York	L608	8000	8014	L82U6B4	L82U0B4	15
New York City Transit - New York	L620	8015	8074	L82U2B4	L82U7B4	60
New York City Transit - New York	L621	8075	8089	L82U9B4	L82U9B4	15
New York City Transit - New York	L643	5895	5895	S92U1B4	S92U1B4	1
New York City Transit - New York	L670	5770	5894	S92U9B4	S92UXC4	125
New York City Transit - New York	L681	5896	5283	S92U2C4	S92U9C4	122
New York City Transit - New York	L692	5284	5363	S92U3C4	S92U3D4	80
Niagara Falls - Ontario	L652	—	—	S92U3C3	S92U6C3	11
Niagara Falls - Ontario	L653	—	—	L82U9C3	L82U9C3	5
Niagara Parks Commission - Ontario	L656	—	—	L82U0C3	L82U2C3	2
Niagara Parks Commission - Ontario	L685	—	—	S92U9C3	S92U8C3	9
Puerto Rico (ref. L754)	L788	—	—	L82UXD4	L82U0D4	16
Red Deer - Alberta	L726	—	—	L82UXC3	L82U1C3	2
Regina - Saskatchewan	L639	645	654	L82U1B3	L82U2B3	10
Regina - Saskatchewan	L748	655	662	L82U3D3	L82U0D3	8
San Joaquin County - California	L768	—	—	S92L4D4	S92L3D4	6
Saskatoon - Saskatchewan	L568	—	—	S92U9B3	S92U9B3	1
Saskatoon - Saskatchewan	L618	—	—	S92U1C3	S92U1C3	1
Saskatoon - Saskatchewan	L690	1201	1204	L82U6C3	L82U1C3	4
Sault Ste-Marie Transit Services - Ontario (ref. L686)	L641	135	139	L82U7C4	L82U6C4	5
Sault Ste-Marie Transit Services - Ontario (ref. L751)	L754	—	—	L82U7D4	L82U7D4	1
SEPTA - Pennsylvania	L724	7300	7301	S92Y1D4	S92Y3D4	2
St. John's - Newfoundland	L687	1201	1209	L82U7C3	L82U2C3	9
St. John's - Newfoundland	L731	1310	1314	L82U3C3	L82U2C3	5
Stratford - Ontario	L634	—	—	L82UXB3	L82UXB3	1
Stratford - Ontario	L752	—	—	L82U9D3	L82U9D3	1
Strathcona County Transit - Alberta	L580	2011	2023	L82U1A3	L82U8A3	13
Strathcona County Transit - Alberta	L659	2024	2028	L82U7B3	L82U4B3	5
Sudbury - Ontario	L632	811	817	L82U9B3	L82U4B3	7
Sudbury - Ontario	L740	831	833	L82U1D3	L82U5D3	3
Thunder Bay - Ontario	L614	—	—	L82UXB3	L82U3B3	3
Thunder Bay - Ontario	L662	20168	20168	L82U3B3	L82U7B3	3
Thunder Bay - Ontario	L739	—	—	L82U3D3	L82U7D3	3

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Timmins - Ontario	L661	—	—	L82U9B3 [REDACTED]	L82U9B3 [REDACTED]	1
Timmins - Ontario	L720	12-98	12-98	L82U0C3 [REDACTED]	L82U0C3 [REDACTED]	1
Toronto Transit Commission - TTC - Ontario	L729	9000	9000	S92U9D3 [REDACTED]	S92U9D3 [REDACTED]	1
Toronto Transit Commission - TTC - Ontario	L738	9001	9026	S92J6D3 [REDACTED]	S92J7D3 [REDACTED]	26
University of Alabama - Alabama	L640	—	—	L82U9B4 [REDACTED]	L82U0B4 [REDACTED]	2
University of Alabama - Alabama	L671	7024	7025	L82U5C4 [REDACTED]	L82U1C4 [REDACTED]	2
University of Alabama - Alabama	L727	7026	7027	L82U4D4 [REDACTED]	L82U6D4 [REDACTED]	2
University of Colorado - Colorado	L627	—	—	S92UXB4 [REDACTED]	S92U6B4 [REDACTED]	2
York Regional Transit - Ontario	L562	1080	1082	S92U2A3 [REDACTED]	S92U6A3 [REDACTED]	3
York Regional Transit - Ontario	L572	1083	1094	S92U3A3 [REDACTED]	S92U2A3 [REDACTED]	12
York Regional Transit - Ontario	L654	1370	1390	S92U1D3 [REDACTED]	S92U2D [REDACTED]	21
York Regional Transit - Ontario	L761	1391	1396	S92U6D3 [REDACTED]	S92UXD [REDACTED]	6

PROCEDURE

- 1.1. This document is informing our clients that Cummins issued a campaign to address ISL CM2250 engines in transit bus applications experiencing frequent after-treatment regeneration issues. ❖



NOTE

Please note that the Cummins document C1818 that follows is provided for reference only and will not be updated by Nova Bus. See Figures 1 and 2.

A CUMMINS FIELD CAMPAIGN

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Global Warranty Administration Communications

Subject: ISL CM2250 Frequent Regen Calibration Update for Transit Applications Campaign

Number: C1818

Date: 02-Sep-2016

Expires: 31-Dec-2017 (U.S./Canada)
31-Dec-2017 (International)

Attention: U.S / Canadian Distr./Branches and Div. Offices
U.S / Canadian Dealers

If additional information is required, contact your Cummins Warranty Operations Group Leader.

DESCRIPTION:

This Campaign is being issued to address certain ISL CM2250 engines in transit bus applications experiencing frequent after-treatment regeneration issues. This field action authorizes certified repair locations to pro-actively recalibrate the electronic control module (ECM).

ACTION:

In order to qualify for repair under this field action, an engine:

- 1 will be covered Regardless of coverage status, and
- 2 must show an OPEN status for this field action on QuickServe® Online, and
- 3 must be in a transit bus application.

After verifying that the engine meets the above requirements, perform the following actions:

- 1 All engines will require an ECM calibration. To obtain a calibration via QuickServe Online (QSOL), enter the Engine Serial Number into QSOL, click on the "Service" tab, then "Related Information", then click on "Calibration Downloads" link and enter the requested information to obtain a Zip file to recalibrate the ECM.
- 2 Recalibrate the ECM as described in Procedure 019-032 in the appropriate Service Manual on QSOL. Provide documentation of ECM revision codes from before and after the recalibration in the claims section.

Figure 1 - Cummins Campaign C1818

MATERIAL DISPOSITION:

There are no materials involved in the field action.

REIMBURSEMENTS:**Parts:**

There are no parts covered in this field action.

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-90X	Administrative time	
19-611	Engine Control Module (ECM) Calibration- Transfer (CM 2250/ CM2350)	

Travel:

Travel is covered under this field action. Towing is not covered under this field action.

NOTE: Please schedule the Technician's time to maximize the number of units that can be repaired on a single visit. When filing claims for multiple ESNs, where travel is required and authorized, travel can be filed to **ONLY one (1)** ESN.

Other Claimables:

Consumables are not covered under this field action.

Claim Instructions:

For Cummins Dealers, claims for this Field Campaign **must** be filed via **RAPIDSERVE™** Web (rsw.cummins.com). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe® Online. If there are additional questions, please contact your local Cummins Distributor.

Account Code: 27
Pay Code: Distributor = X
Pay Code: Dealer = D
Pay Code: International = I
Failure Code: WEQPEG

Attachments
c1818_esn-list.xls

Figure 2 - Cummins Campaign C1818