

REFERENCE:	Nova Bus Manuals
SECTION:	09: Engine and cooling
RS N°:	–
EFFECTIVE IN PROD.:	–

APPLICATION DEADLINE:NA

SUBJECT:	Cummins engine ISL9 CM2350 L101 and QSL tier 4 Final fuel lines
JUSTIFICATION:	Fuel leaks may occur on the # 2 and # 4 injector fuel supply lines.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Proceed with the Cummins temporary repair practice document recommendations.	Client	Client	–
2	–	–	–	–

**MATERIAL**

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>				
–	–	–	–	–
<b>LEVEL 2</b>				
–	–	–	–	–

**DISPOSAL OF PARTS**

REMOVED PARTS ARE:	DISCARDED	RETAINED	
	–	–	–

**REVISION HISTORY**

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2014JN26	Initial release	Bertrand Plouffe

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Austin - CMTA - Texas	L704	5051	5068	L82J7E4500471	L82J2E4500488	18
Brampton - Ontario	L789	—	—	L82J4E3001216	L82J4E3001216	1
Brampton - Ontario	L789	—	—	L82JXE3001222	L82J1E3001223	2
Brampton - Ontario	L816	—	—	L82J3E3001224	L82J3E3001224	1
Brantford - Ontario	L775	10131	10132	L82U1D3000999	L82U2D3001000	2
Chicago Transit Authority - CTA - Illinois	L773	—	—	L82JXD4500429	L82J6D4500430	2
Chicago Transit Authority - CTA - Illinois	L811	7904	7904	L82J4E4500511	L82J4E4500511	1
Chicago Transit Authority - CTA - Illinois	L811	7907	7907	L82JXE4500514	L82JXE4500514	1
Clemson Area Transit - South Carolina	L769	—	—	S92U1D4500418	S92U1D4500418	1
Fredericton - New Brunswick	L774	8131	8131	L82U7D3000960	L82U7D3000960	1
Guelph - Ontario	L767	237	239	L82UXD3000967	L82U3D3000969	3
Marketing Sales Demo	L705	—	—	L82U1D3000906	L82U1D3000906	1
Niagara Falls - Ontario	L771	1396	1397	L82U9D3000958	L82U0D3000959	2
Peterborough - Ontario	L770	55	60	L82U0D3000993	L82UXD3000998	6
Red Deer - Alberta	L766	1104	1105	L82U7D3001025	L82U9D3001026	2
Red Deer - Alberta	L772	1106	1108	L82J2E3001120	L82J6E3001122	3
Regina - Saskatchewan	L776	663	669	L82U4D3001001	L82U5D3001007	7
Regina - Saskatchewan	L807	671	681	L82J8E3001137	L82J0E3001147	11
Regina - Saskatchewan	L807	683	685	L82J4E3001149	L82J2E3001151	3
SEPTA - Pennsylvania	L743	—	—	S92L1E4500489	S92L1E4500492	4
SEPTA - Pennsylvania	L743	—	—	S92L5E4500494	S92L9E4500501	8
SEPTA - Pennsylvania	L744	—	—	L82L7E4500570	L82L7E4500570	1
SEPTA - Pennsylvania	L744	—	—	L82L0E4500572	L82L1E4500581	10
SEPTA - Pennsylvania	L744	—	—	L82L5E4500583	L82L3E4500596	14
SEPTA - Pennsylvania	L744	—	—	L82L7E4500598	L82L4E4500607	10
SEPTA - Pennsylvania	L749	7302	7333	S92Y7D4500409	S92L0E4500449	32
SEPTA - Pennsylvania	L749	7336	7353	S92L0E4500452	S92L6E4500469	18
St. John's - Newfoundland	L808	1415	1419	L82J4E3001152	L82J1E3001156	5
Thunder Bay - Ontario	L806	—	—	L82J6E3001170	L82J8E3001171	2
Timmins - Ontario	L783	—	—	L82U8D3001017	L82UXD3001018	2
Toronto Transit Commission - TTC - Ontario	L777	9027	9060	S92J7E3001123	S92J1E3001215	34
Toronto Transit Commission - TTC - Ontario	L777	9069	9069	S92J0E3001206	S92J0E3001206	1
University of Alabama - Alabama	L787	—	—	L82J2E4500507	L82J4E4500508	2
Walt Disney World - Florida	L763	—	—	S92U0D3001019	S92U4D3001024	6
Whitehorse - Yukon	L784	43	43	L82U9D3001057	L82U9D3001057	1
Woodstock - Ontario	L778	—	—	L82U2D3001014	L82U2D3001014	1

**WARNING**

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Follow your internal safety procedures.

**PROCEDURE**

- 1.1. This document is to advise of the release of a Temporary Repair Practice (TRP) by Cummins. See Cummins document in Annex 1. ❖

**ANNEX 1****A CUMMINS TEMPORARY REPAIR PRACTICE**

**Please Deliver To:** Service Managers and Warranty Decision Makers

**FROM:** Cummins Global Warranty Administration Communications

**Subject:** ISL9 CM2350 L101 and QSL Tier 4 Final Fuel Lines - TRP

**Number:** T1489

**Date:** 29-Apr-2014

**Expires:** 01-Jul-2015 (U.S./Canada)  
01-Jul-2015 (International)

**Attention:** U.S / Canadian Distr./Branches and Div. Offices  
Worldwide distr./ branches and Div./Reg Offices  
U.S / Canadian Dealers

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

**DESCRIPTION:**

This TRP is being issued to address fuel leaks on ISL CM2350 L101 and QSL Tier 4 Final #2 and #4 injector fuel supply lines, part numbers 5292963 and 5292965. If a fuel leak develops on either the #2 or #4 injector fuel lines, then both the #2 and #4 fuel lines as well as the pump to rail fuel line **must** be replaced. The #2 fuel line 5292963 should be replaced with part number 5333472, the #4 fuel line 5292965 with part number 5333473, and pump to rail fuel line 5292968 with part number 5333474.

**ACTION:**

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

- 1 will be covered In the Base Engine Warranty period, and
- 2 **must** be on the attached ESN list, and
- 3 **must** have a confirmed fuel leak from either the #2 or #4 injector fuel lines.

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

- 1 Replace the #2, #4 and pump to rail fuel lines according to service procedure 006-051 - Injector Supply Lines (High Pressure) in Service Manual bulletin number 4310787.

**MATERIAL DISPOSITION:**

Materials removed as a result of this field action **must** be scrapped.

**REIMBURSEMENTS:****Parts:**

**NOTE:** If an engine enters a repair location for a broken #4 fuel line (p/n 5333473), the #4 (p/n 5333473) line should be filed under Warranty while the #2 (p/n 5333472) and fuel pump to rail line (p/n 5333474) should be filed under this TRP. If an engine enters a repair location for a broken #2 (p/n 5333472) fuel line, the #2 line (p/n 5333472) and fuel pump to rail line (p/n 5333474) should be filed under Warranty while the #4 line (p/n 5333473) should be will be filed under this TRP.

The following parts are covered under this field action:

Part Number	Quantity	Description
382292500	1	CABLTIE
533347200	1	TBE,SUP
533347300	1	TBE,SUP
533347400	1	TBE,SUP

**NOTE:** SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this action.

**NOTE:** If an engine enters a repair location for a broken #4 fuel line (p/n 5333473), all labor to replace the #4 (p/n 5333473) line should be filed under Warranty. The labor to replace the #2 (p/n 5333472) and fuel pump to rail line (p/n 5333474) should be filed under this TRP, using SRT 06-188-00 with a Quantity of 2, for a total of .4 hours. If an engine enters a repair location for a broken #2 (p/n 5333472) fuel line, all labor to replace the #2 (p/n 5333472) and fuel pump to rail line (p/n 5333474) should be filed under Warranty. The labor to replace the #4 line (p/n 5333473) should be filed under this TRP, using SRT 06-118-00 with a Quantity of 1, for a total of .2 hours.

**Labor using applicable Access Code and Time:**

<b>SRT Code</b>	<b>Description</b>	<b>Time</b>
00-400	Steam Clean - Single Component Repair	
00-90X	Administrative time	
06-118	FUEL LINES, INJECTOR SUPPLY - REMOVE AND INSTALL - EACH - SEE LABOR NOTES	
99-902	WIRE HARNESS RE-ROUTING, PARTIAL (QTY 3)	

**Travel:**

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

**Other Claimables:**

Consumables are covered under this field action.

**Claim Instructions:**

For Cummins Dealers, claims for this TRP **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: ..... 65  
 Pay Code: ..... Distributor = X  
 Pay Code: ..... Dealer = D  
 Pay Code: ..... International = I  
 Failure Code: ..... WFLISC

**Attachments**

t1489\_esn-list.xls t1489\_wire\_harness\_re-routing-attach-b.pdf