

**REFERENCE: NOVA BUS MANUALS  
SECTION 09-302: ENGINE COOLING**

<b>SUBJECT: METAL SUPPORT FOR THE CHARGE AIR COOLER (CAC) OUTLET PIPE</b>	<b>SR:7621-169</b>
<b>EN: 117750</b>	<b>EFFECTIVE EN: L662</b>
<b>DOCUMENT APPLICATION DEADLINE: 2014MA30</b>	

<b>JUSTIFICATION: RUBBER SUPPORT BREAKS ON THE HORIZONTAL CAC PIPE.</b>
<b>DESCRIPTION: REMOVE EXISTING SUPPORT, INSTALL A NEW STRONGER METAL ASSEMBLY.</b>

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Demo - Proto Platform 2010	L271	—	—	L82U283000001	L82U283000002	2
Arrow Coach Line - Arkansas	L494	—	—	L82U793000397	L82U793000397	1
BC Transit - BCT - British Columbia	L463	9319	9333	L82U093000273	L82U093000287	15
BC Transit - BCT - British Columbia	L481	9334	9353	L82U794000004	L82U094000023	20
BC Transit - BCT - British Columbia	L484	9370	9403	L82U494000090	L82U494000123	34
BC Transit - BCT - British Columbia	L486	9354	9369	L82U294000024	L82U494000039	16
BC Transit - BCT - British Columbia	L487	9404	9433	L82U094000149	L82U794000178	30
Belleville Transit - Ontario	L542	—	—	L82UXA3000088	L82U8A3000090	3
Brampton - Ontario	L501	0917	0921	L82U893000506	L82UX93000510	5
Brampton - Ontario	L501	0922	0926	L82U693000519	L82U893000523	5
CMBC (TransLink) - British Columbia	L532	9543	9551	L82U093000497	L82U693000505	9
CMBC (TransLink) - British Columbia	L533	9552	9559	L82U193000511	L82U493000518	8
CMBC (TransLink) - British Columbia	L533	9560	9573	L82U093000524	L82U093000537	14
CMBC (TransLink) - British Columbia	L534	9574	9589	L82U694000124	L82U894000139	16
CMBC (West Vancouver) - British Columbia	L539	901	909	L82U494000140	L82U994000148	9
Demo - Articulated Bus	L433	—	—	S92UX93000029	S92UX93000029	1
Demo - Articulated Bus APTA US	L359	—	—	S92U583000289	S92U583000289	1
Demo - Engineering Platform 2010 (Altoona)	L373	373-1	373-1	L82UX83000151	L82UX83000151	1
Demo - Nova PF2010 (TARC)	L356	356-2	356-2	L82U883000231	L82U883000231	1
Demo - Plateforme 2010 (ATQ)	L456	—	—	L82U893000019	L82U893000019	1
Grand River Transit - GRT - Ontario	L464	20901	20913	L82U193000296	L82U493000308	13
Grand River Transit - GRT - Ontario	L560	21001	21009	L82U2A3000246	L82U1A3000254	9
Greater Toronto Airports Authority - GTAA - Ontario	L432	432-1	432-1	L82U793000061	L82U793000061	1
Greater Toronto Airports Authority - GTAA - Ontario	L477	L477-1	L477-1	L82U194000001	L82U194000001	1

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# SERVICE BULLETIN

# BS2030A

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Honolulu - Hawaii	L559	201	224	L82U6A4000113	L82U7A4000136	24
Lethbridge - Alberta	L489	165	169	L82U493000454	L82U193000458	5
Moncton (Codiac) - New Brunswick	L358	358-1	358-1	L82U093000001	L82U093000001	1
Moncton (Codiac) - New Brunswick	L361	361-1	361-1	L82U293000002	L82U293000002	1
Niagara Falls - Ontario	L499	2986	2989	L82U093000564	L82U693000567	4
Peterborough - Ontario	L490	—	—	L82UX93000345	L82U593000348	4
Regina - Saskatchewan	L356	356-1	356-1	L82U883000150	L82U883000150	1
Regina - Saskatchewan	L360	—	—	L82U283000290	L82U283000290	1
Regina - Saskatchewan	L476	625	628	L82U893000313	L82U393000316	4
Regina - Saskatchewan	L561	631	644	L82U8B4000003	L82UXB4000018	14
Saskatoon - Saskatchewan	L551	1005	1007	S92UXA3000178	S92U8A3000180	3
St. John - New Brunswick	L272	—	—	S92U483000011	S92U483000011	1
St. John - New Brunswick	L273	—	—	S92U383000050	S92U383000050	1
St. John's - Newfoundland	L503	1066	1066	L82U4A3000071	L82U4A3000071	1
Stratford - Ontario	L493	—	—	L82U2A3000019	L82U2A3000019	1
Strathcona County Transit - Alberta	L523	2010	2010	L82U693000603	L82U693000603	1
Sudbury - Ontario	L465	791	795	L82U593000317	L82U793000321	5
Sudbury - Ontario	L552	801	808	L82U3A3000238	L82U0A3000245	8
Thunder Bay - Ontario	L488	—	—	L82U193000332	L82U593000334	3
Timmins - Ontario	L475	—	—	L82U493000311	L82U693000312	2
Timmins - Ontario	L550	—	—	L82U8A3000171	L82UXA3000172	2
University of Alabama - Alabama	L479	479-1	479-1	L82U394000002	L82U394000002	1
University of Alabama - Alabama	L480	480-1	480-1	L82U594000003	L82U594000003	1
University of Alabama - Alabama	L573	—	—	L82U9A4000137	L82U0A4000138	2
University of Colorado - Colorado	L427	—	—	S92U693000027	S92U693000027	1
University of Colorado - Colorado	L428	—	—	S92U893000028	S92U893000028	1
Walt Disney World - Florida	L535	1204	1213	L82UXA4000003	L82U0A4000012	10
Whitehorse - Yukon	L563	38	41	L82U3A3000255	L82U9A3000258	4
Woodstock - Ontario	L460	—	—	L82U693000309	L82U693000309	1
Woodstock - Ontario	L492	—	—	L82U4A3000040	L82U6A3000041	2

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MATERIAL				
QTY.	PART NO.	REV.	DESCRIPTION	REPLACES PART NO.
2	N43233		NUT M8	
2	N65113		MUSHROOM HEAD BOLT	
1	N66076		METAL SUPPORT CAC	
1	N66077		METAL PLATE SUPPORT CAC	
5	N43233		M8 NUT	
5	N43774		SCREW	
1	N60428		METAL CLAMP	

**MATERIAL AVAILABILITY: MATERIALS WILL BE AVAILABLE WITHIN 62 DAYS. TO ORDER, PLEASE SEND A NO CHARGE PURCHASE ORDER TO PREVOST PARTS FAX: 1-888-668-2555. SPECIFY DOCUMENT NUMBER, QUANTITY OF KITS AND SHIPPING ADDRESS.**

**DISPOSAL OF MATERIAL:**

**THE PARTS REMOVED AND THE NEW PART NOT USED MUST BE KEPT AND THEN GIVEN TO YOUR AFTER-SALES SERVICE REPRESENTATIVE AT TIME OF WARRANTY CLAIM.**

**ALLOCATED TIME: 1H 30 MIN MINUTES**

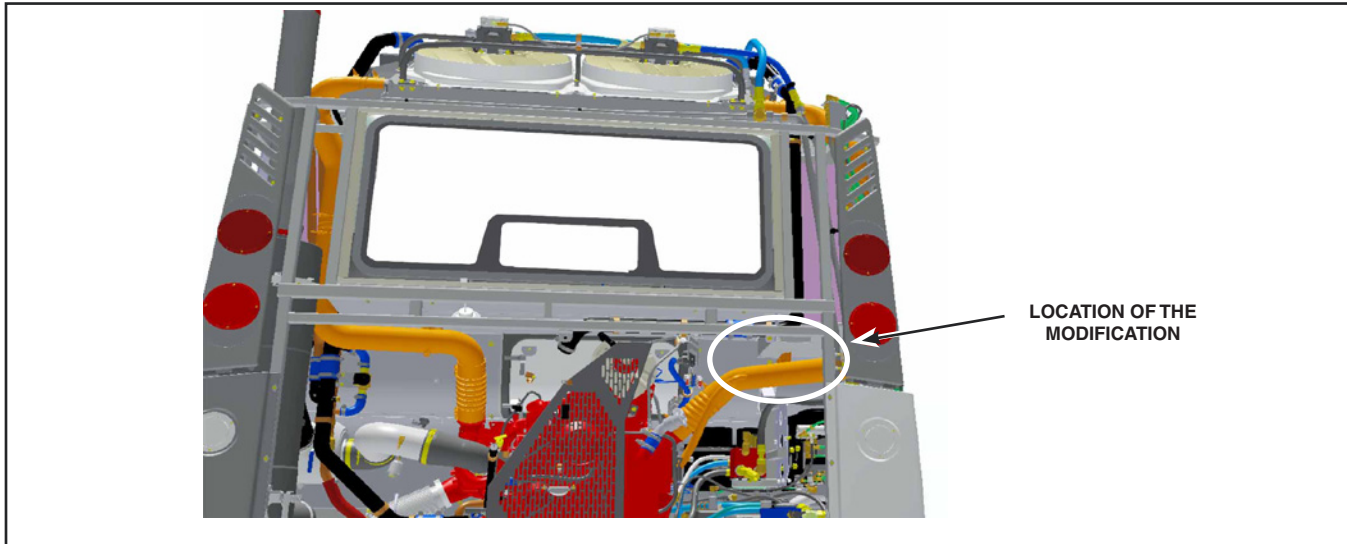
REVISION HISTORY			
REV.	DATE	CHANGE DESCRIPTION	ISSUED BY
NR	2013AL30	INITIAL RELEASE	WG

**FOLLOW YOUR INTERNAL SAFETY PROCEDURES**

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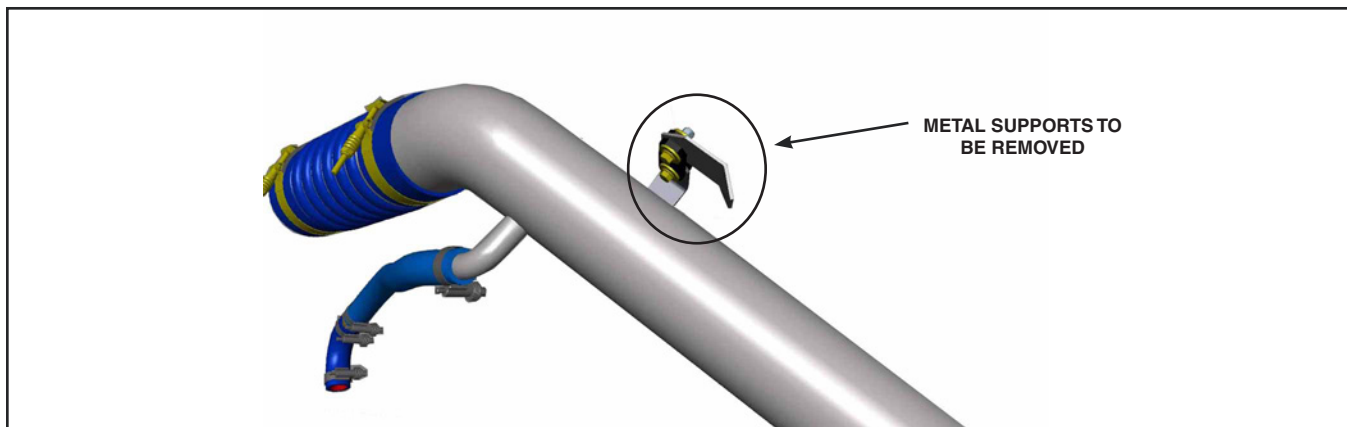
## PROCEDURE

1. Open the rear engine access door.
2. Remove the rubber part from the charge air cooler CAC outlet pipe. See Figure 1.



*Figure 1 - CAC tube and Supports location to be Replaced*

3. With a grinder, cut the metal support at the base of the charge air cooler CAC pipe. See Figure 2.
4. With a grinder, cut the bracket from the vehicle's structure.



*Figure 2 - Supports to be Removed*

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5. Locate metal support plate N66077 as shown on Figure 3.
6. Drill three 10 mm (0.393 IN) holes on the vehicle's structure as shown on Figure 3.



**NOTE:**

Before drilling, protect the wires that lay on the floor of the IB Panel. When drilling use a drill bit stopper.

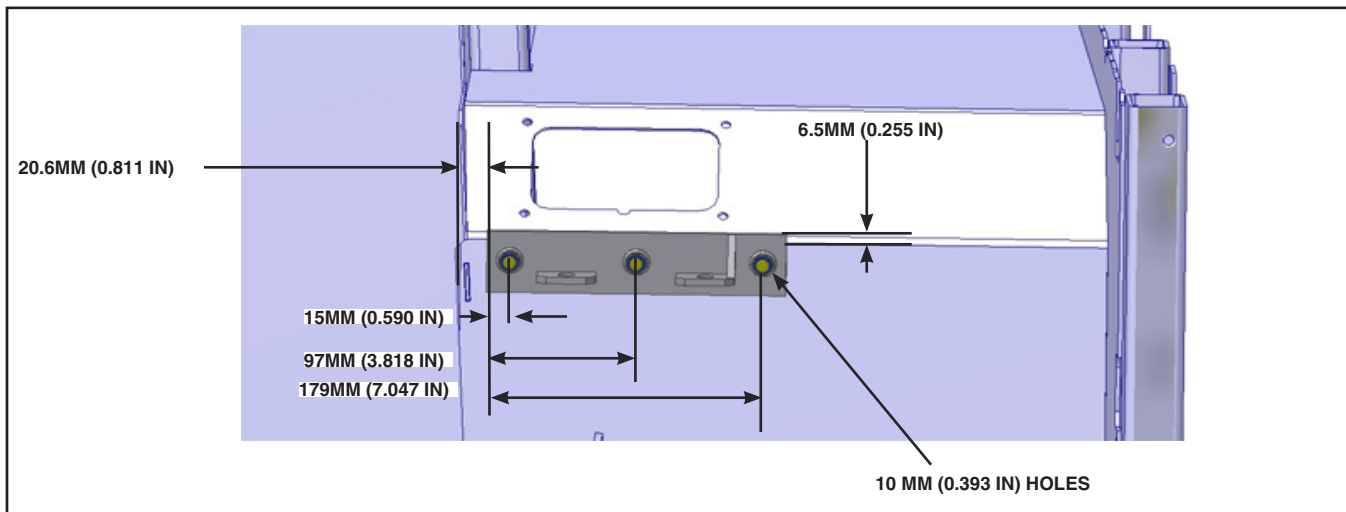


Figure 3 - Location of N66077 Support and Holes

7. Attach metal support plate N66077 to the structure with three bolts N43774 and three nuts N43233. See Figure 4.
8. Attach support N66076 to the metal support plate N66077 with two bolts N43774 and two nuts N43233. See Figure 4.

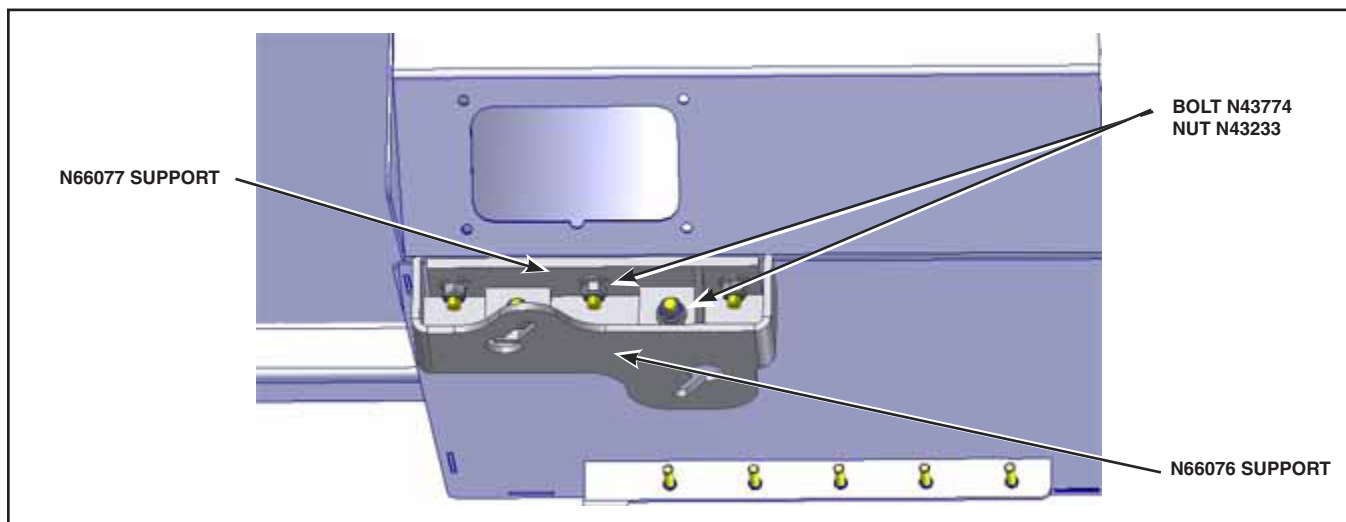
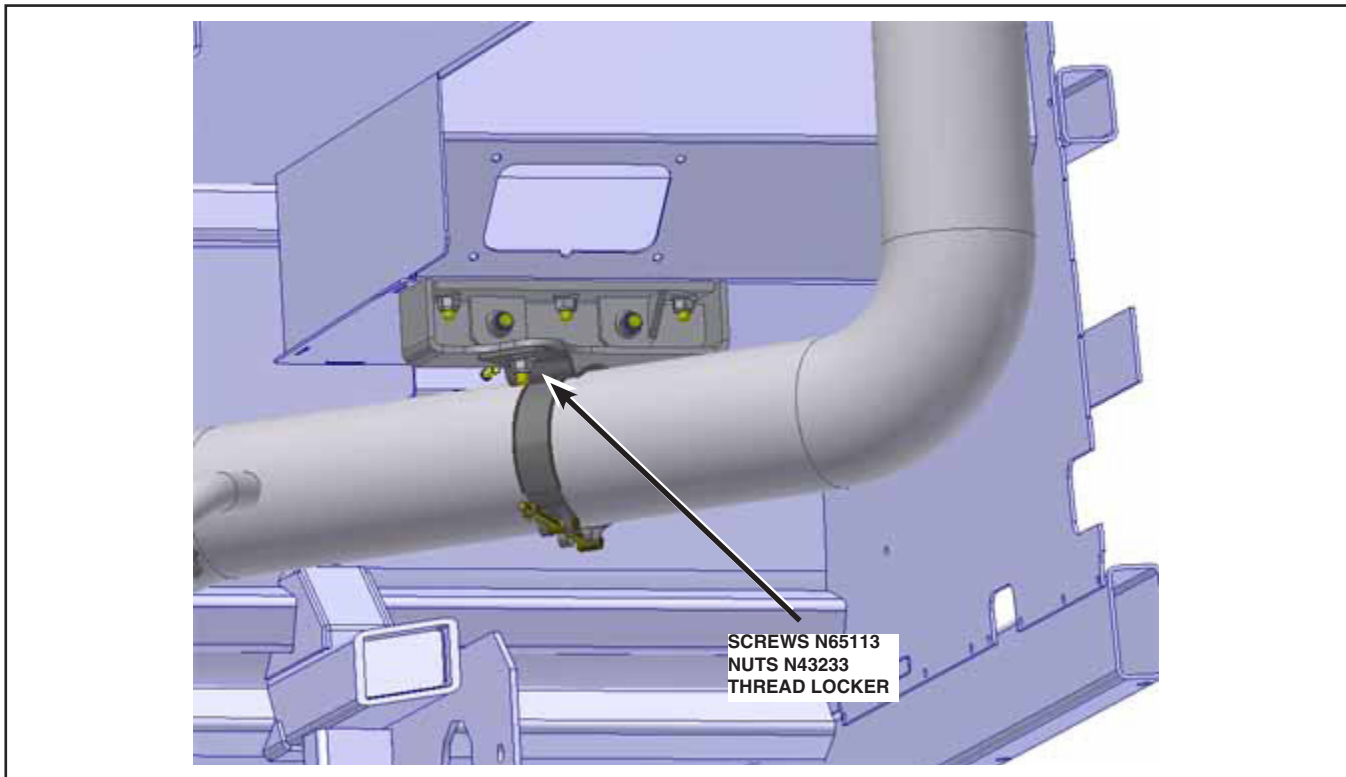


Figure 4 - Attach Support N66077 to the vehicle structure and Assemble with Support N66076

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9. Install the metal clamp N60428 on the charge air cooler CAC tube.
10. Afix the metal clamp N60428 to the new metal assembly support with two screws N65113 and two nuts N43233. Apply thread locker before fastening. See Figure 5.
11. Tighten the metal clamp N60428 onto the charge air cooler CAC tube.
12. Close the rear engine access door.



*Figure 5 - Clamp Installation on CAC Pipe*

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