

# Bill of Materials Listing

TransArctic Canada Inc.

7/26/2013  
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Product Number	Description	Date	Weight	Uof M	Yield
Line Component Prod#	Description	Bin Unit	Qty		
<b>KMC62679</b>	<b>Mt Kit, ISB, 6.7L, BBCV, 2 TM-21,'07-'13</b>	<b>05/05/10</b>	<b>45.97</b>		<b>0</b>
5 PAC23150	Pack, Carton, 23" x 15" x 10", 51 ECT	each	1		
10 BEL61943	Belt, 6gr, 1943mm (76.5") (5060765)	each	1		
20 BMC60037	Bkt, Shroud, Cover, 12 Ga. (.1046")	each	1		
30 BMC67003	Bkt, Brace, Diag, D/S, Sup,6.7,LISB,Conv	each	1		
40 BMC67077	Bkt, Main, Weldmt, 6.7L, Slide Tens,'13	each	1		
50 BMC67048	Bkt, Spacer, Weldm't, 6.7L, ISB, '10	each	1		
60 BMC67049	Bkt, Brace, Diag, RR, Sup,6.7L, ISB,'13	each	1		
70 PUL80076	Pulley, Idler, Backside, P8, 76d (89101)	each	1		
72 SPC19010	Spacer, Col, Drl, 19mm x 28.58o x 10.32i	each	1		
74 SLV17010	Sleeve, Pulley, 16.9o x 22.23mm x 10.32i	each	1		
80 TEN80002	Tenr, HD Spring, BackSide, CCW (89200A)	each	1		
90 KBC62679	Bag Kit, Fasteners, KMC62679/2079	each	1		

**NOTES:**

1) For the '07 & 10 emissions bus engine:

Use part# BMC67049 brace with the slotted hole at the top & bolted to the slotted hole in the base weld'mt. (part# BMC67077.)

2) For the '13 emissions version flip the brace up-side-down with the slotted hole bolted to the (BMC67048) Spacer Weldm't/Engine block and the top round hole to the matching round hole in the Main Weldm't. (BMC67077.)

/Val\_FEB-19-13

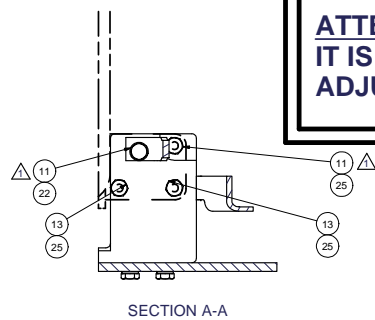
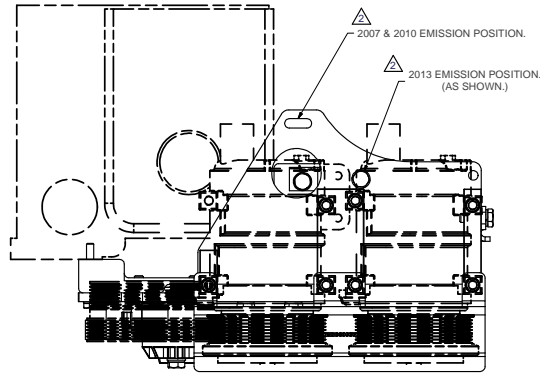
Add the "KMC626/2079 install notes for a 2007 emissions BBCV bus.doc" file to the MPW.

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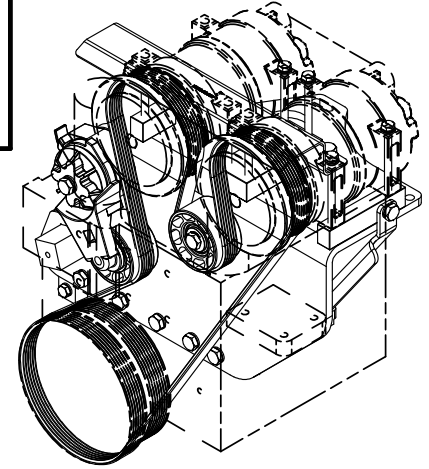
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Product Number	Description	Date	Weight	Uof M	Yield
Line    Component Prod#	Description	Bin                    Unit	Qty		
<b>KBC62679</b>	<b>Bag Kit, Fasteners, KMC62679/2079</b>		<b>05/06/10</b>	<b>2.06</b>	<b>0</b>
10	BTC08035	Bolt, Hex, 8 x 1.25 x 35mm, 10.9, Plt,FT	each	1	
20	BTC08065	Bolt, Hex, 8 x 1.25 x 65mm, 10.9, Plt	each	1	
25	BTC10075	Bolt, Hex, 10 x 1.5 x 75mm, 10.9, Plt	each	1	
30	BTC08100	Bolt, Hex, 8 x 1.25 x 100mm, 10.9, Plt	each	7	
40	BTC10025	Bolt, Hex, 10 x 1.5 x 25mm, 10.9, Plt	each	1	
50	BTC10030	Bolt, Hex, 10 x 1.5 x 30mm, 10.9, Plt	each	8	
60	BTC10035	Bolt, Hex, 10 x 1.5 x 35mm, 10.9, Plt,FT	each	1	
80	BTC10060	Bolt, Hex, 10 x 1.5 x 60mm, 10.9, Plt	each	2	
90	BTC10080	Bolt, Hex, 10 x 1.5 x 80mm, 10.9, Plt,FT	each	1	
110	NTA10000	Nut, Hex, 10 x 1.5, 8.8, Plt	each	2	
120	WFA08000	Washer, Flat, 8mm, 8.8, Plt	each	7	
130	WFA10000	Washer, Flat, 10mm, 8.8, Plt	each	4	
135	WFA10002	Washer, Flat, 10mm, Hvy, 8.8, Plt	each	1	
140	WLA08000	Washer, Lock, 8mm, 8.8, Plt	each	9	
150	WLA10000	Washer, Lock, 10mm, 8.8, Plt	each	14	

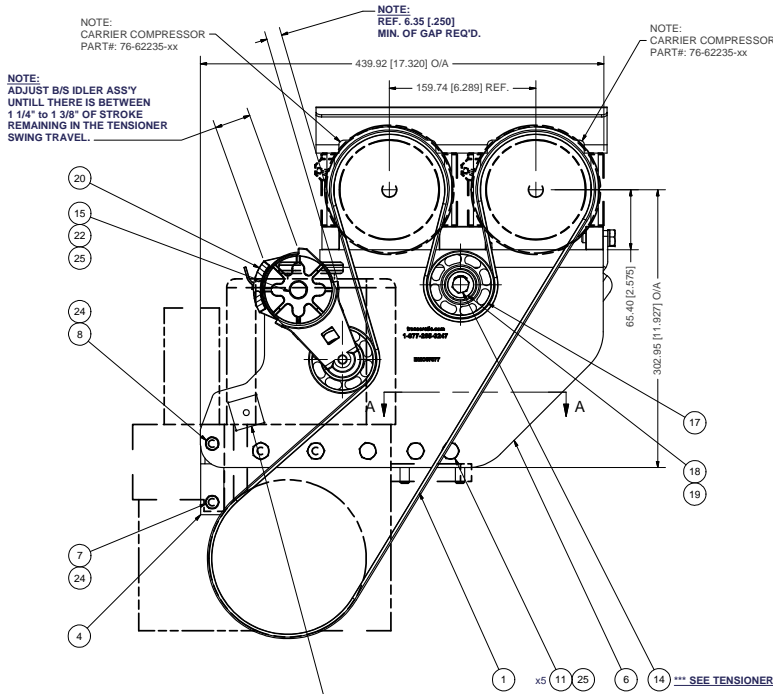


**ATTENTION:  
IT IS CRITICAL TO READ ALL TENSIONING  
ADJUSTMENT NOTES ON THIS DRAWING.**



ISOMETRIC VIEW

NOTE:  
INSTALL THE 6 GR. BELT ON THE  
MIDDLE 6 GROOVES OF THE 8 GR.  
COMPRESSOR PULLEY.

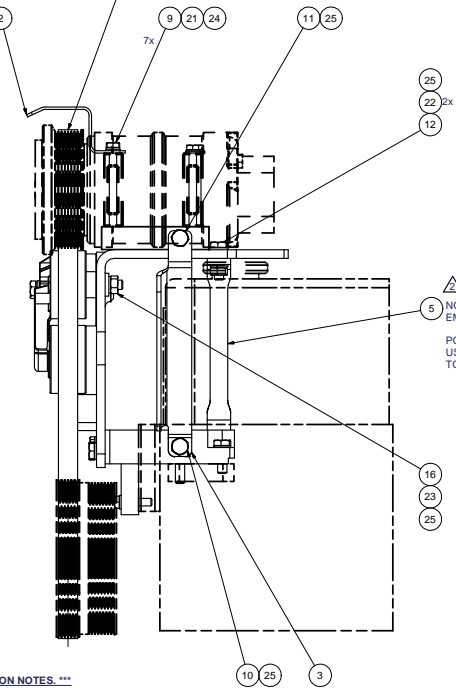


NOTE:  
ADJUST B/S IDLER ASS'Y  
UNTILL THERE IS BETWEEN  
1 1/4" to 1 3/8" OF STROKE  
REMAINING IN THE TENSIONER  
SWING TRAVEL.

NOTE:  
CARRIER COMPRESSOR  
PART#: 76-62235-xx

NOTE:  
REF. 6.35 [250]  
MIN. OF GAP REQ'D.

NOTE:  
CARRIER COMPRESSOR  
PART#: 76-62235-xx



NOTE:- ITEM# 5 SHOWN IN THE 2013  
EMISSION POSITION  
-FOR THE 2007 & 2010 EMISSION  
POSITION FLIP ITM#5 UPSIDE DOWN AND  
USE THE REAR SLOTTED HOLE ON THE  
TOP FACE OF ITM# 6.

NOTE: (AS REQ'D.)  
-USE THE EXISTING FAN CLUTCH STRAP BRACKET & HARDWARE TO SUIT INSTALLATION.  
-DISCARD SMALL BRACKET THAT IS FASTENED TO THE "HORTON" DRIVE FAN HUB.

- NOTES:
- 1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE ALL BOLTS TO S.A.E. SPECIFICATIONS.
  - 2) SEE "TRANSARGTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".
  - 3) THERE ARE MULTIPLE FAN CLUTCH ARRANGEMENT OPTIONS AVAILABLE FOR THIS ENGINE. INSURE THAT THERE IS THE CORRECT GAP AND CORRECT TENSIONER STROKE REMAINING UPON FINAL OPERATING INSTALLATION.

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
25	14	EACH	WLA10000	WASHER, LOCK, 10mm, 8.8, PLT
24	9	EACH	WLA08000	WASHER, LOCK, 8mm, 8.8, PLT
23	1	EACH	WFA10002	WASHER, FLAT, 10mm, HVY, 8.8, PLT
22	4	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
21	7	EACH	WFA08000	WASHER, FLAT, 8mm, 8.8, PLT
20	1	EACH	TEN80002	TENR, HD SPRING, BACKSIDE, CCW
19	1	EACH	SPC19010	SPACER, COL, DRL, 19.05mm x25.4x x10.571
18	1	EACH	SLV17010	SLEEVE, PULLEY, 16.9x x 22.23mm x 10.321
17	1	EACH	PUL80076	PULLEY, IDLER, BACKSIDE, P8, 76D, 39W
16	2	EACH	NTA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
15	1	EACH	BTC10080	BOLT, HEX, 10 x 1.5 x 80mm, 10.9, PLT
14	1	EACH	BTC10075	BOLT, HEX, 10 x 1.5 x 75mm, 10.9, PLT
13	2	EACH	BTC10060	BOLT, HEX, 10 x 1.5 x 60mm, 10.9, PLT
12	1	EACH	BTC10035	BOLT, HEX, 10 x 1.5 x 35mm, 10.9, PLT
11	8	EACH	BTC10030	BOLT, HEX, 10 x 1.5 x 30mm, 10.9, PLT
10	1	EACH	BTC10025	BOLT, HEX, 10 x 1.5 x 25mm, 10.9, PLT
9	7	EACH	BTC08100	BOLT, HEX, 8 x 1.25 x 100mm, 10.9, PLT
8	1	EACH	BTC08065	BOLT, HEX, 8 x 1.25 x 65mm, 10.9, PLT
7	1	EACH	BTC08035	BOLT, HEX, 8 x 1.25 x 35mm, 10.9, PLT
6	1	EACH	BMC67077	BKT, MAIN, WELDMT 6.7L, SLIDE TENS, '13
5	1	EACH	BMC67049	BKT, BRACE, DIAG, RR, SUP, 6.7L, ISB, '13
4	1	EACH	BMC67048	BKT, SPACER, WELDMT, 6.7L, ISB, '10
3	1	EACH	BMC67003	BKT, BRACE, DIAG, D/S, SUP, 6.7L, ISB, CON
2	1	EACH	BMC60037	BKT, SHROUD, COVER, 12 GA, (10447)
1	1	EACH	BEL1943	BELT, 6gr, 1943mm (76.5") (5000765)

REV	ECN	DESCRIPTION	DATE	BY
2		REVISED (MSP # 4 & 6 ADDED NOTES)	07/12/13	VJL
1		WAS (3) BTC10040	05/30/11	JR
0		RELEASED TO PRODUCTION	05/30/11	GA
				James Stewart
				MFS
				James Stewart
				Dale Mason

**TRANSARGTIC INC.**

MT KIT, ISB, 6.7L, BBCV, 2 TM-21, '07-'13

SCALE: 3:8

DWG NO: KMC62679

REV: 2

SHEET 1 OF 1

UNSPECIFIED TOLERANCES:

ONE DECIMAL PLACE (X) .05 (FRACTIONAL)

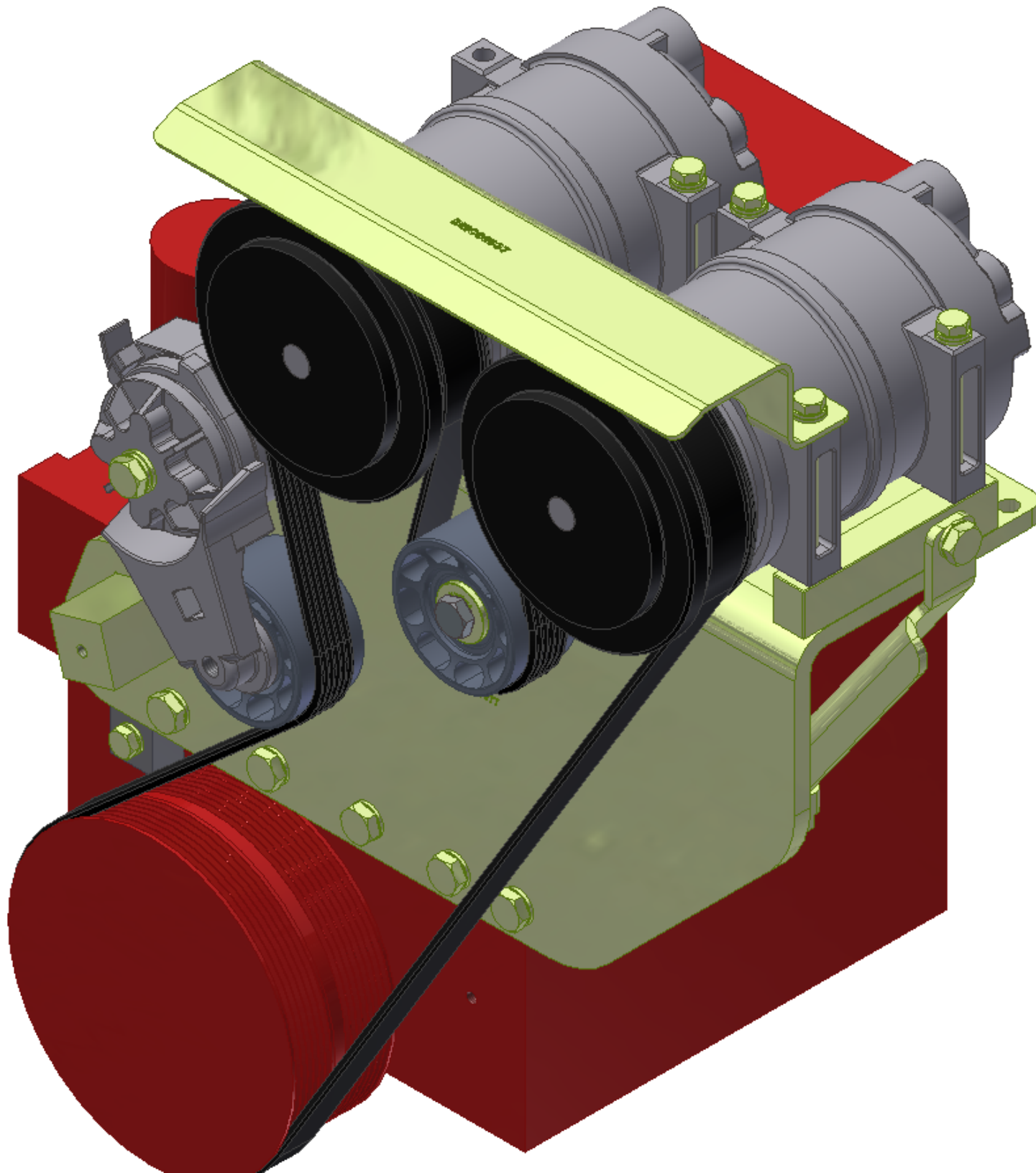
TWO DECIMAL PLACE (X) .01 (FRACTIONAL)

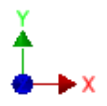
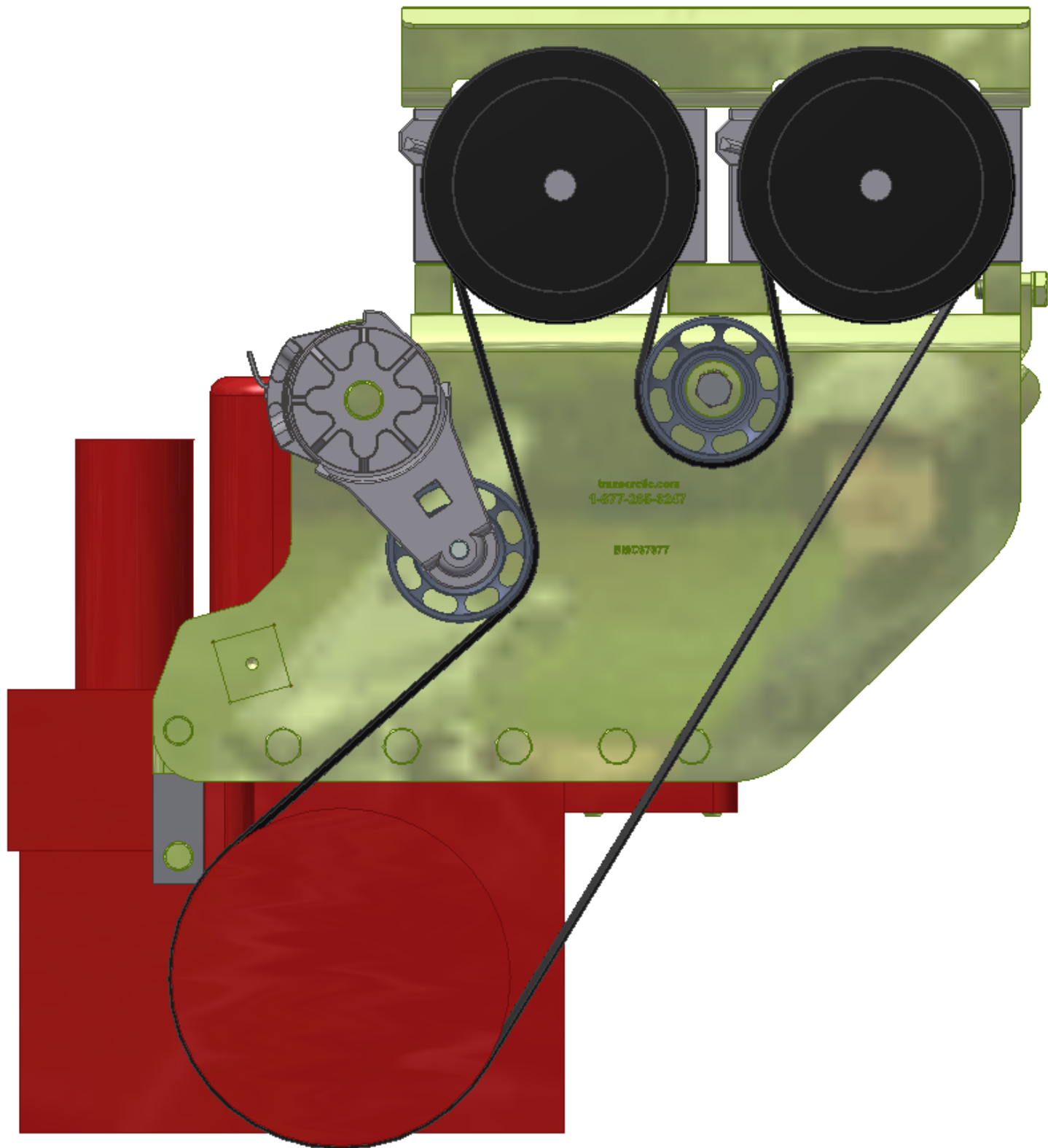
THREE DECIMAL PLACE (X) .005 (FRACTIONAL)

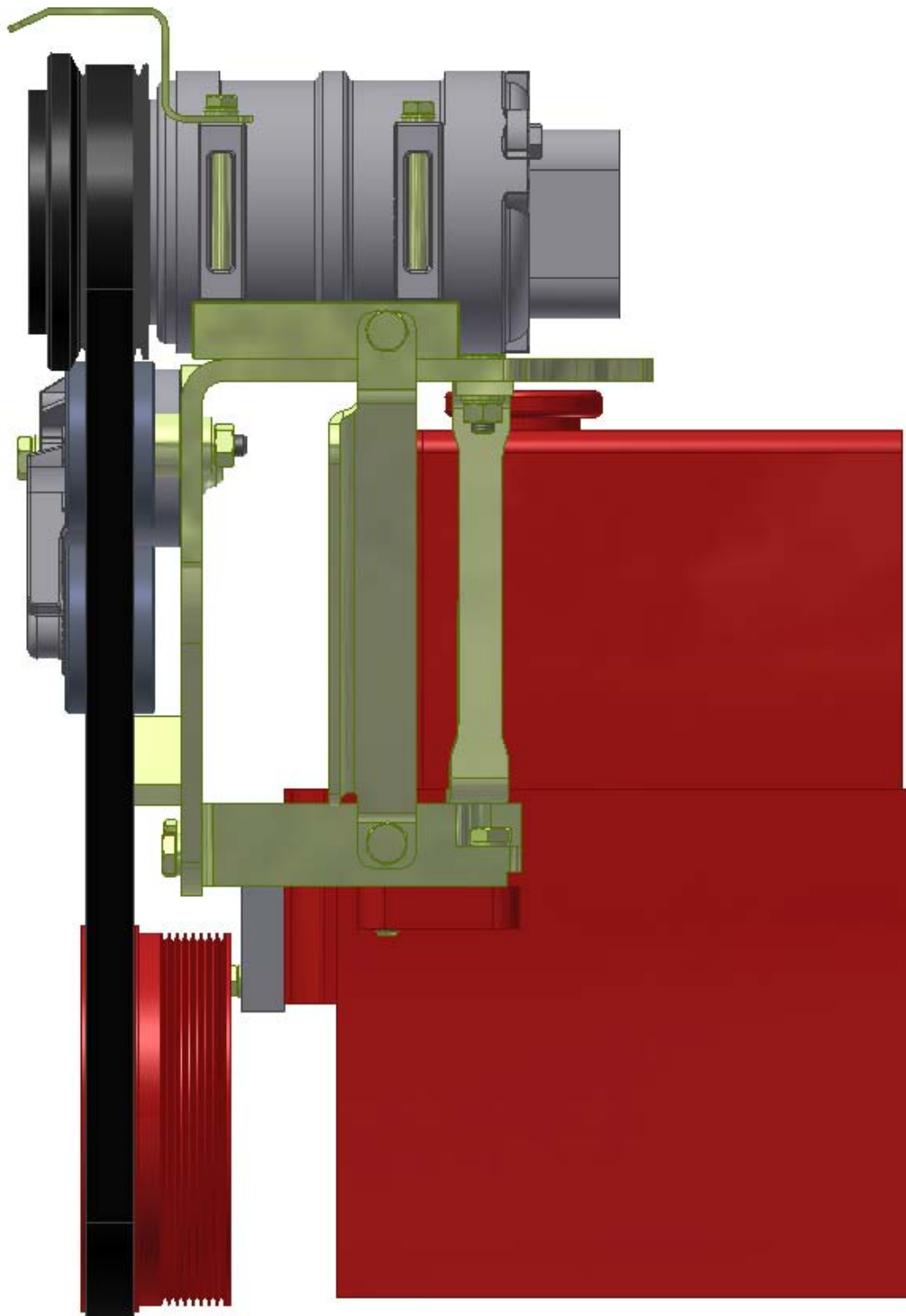
ANGULAR ± .01°

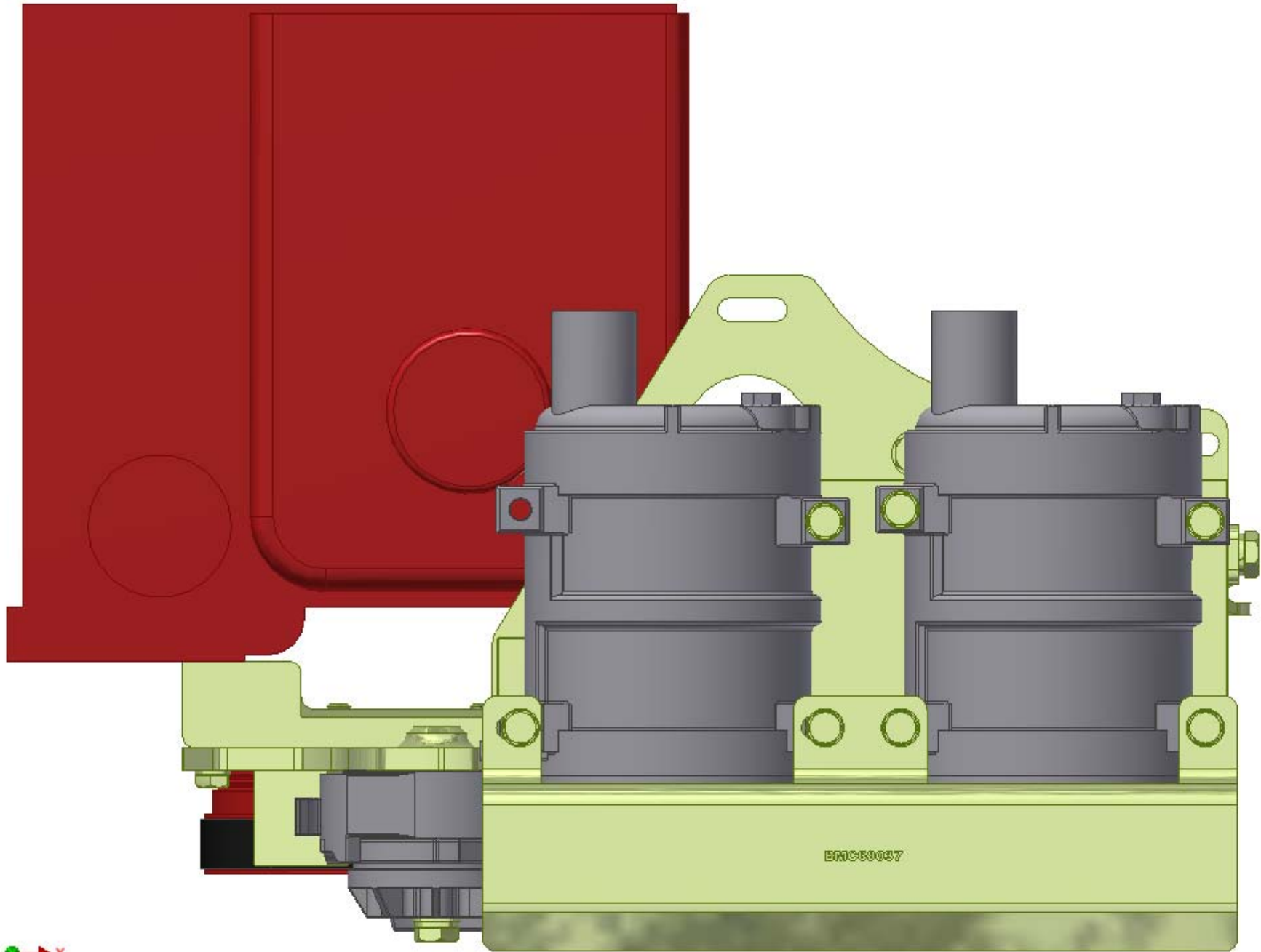
THIRD ANGLE PROJECTION

DRAWING UNIT OF MEASURE: MM (INCH)

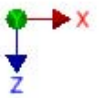








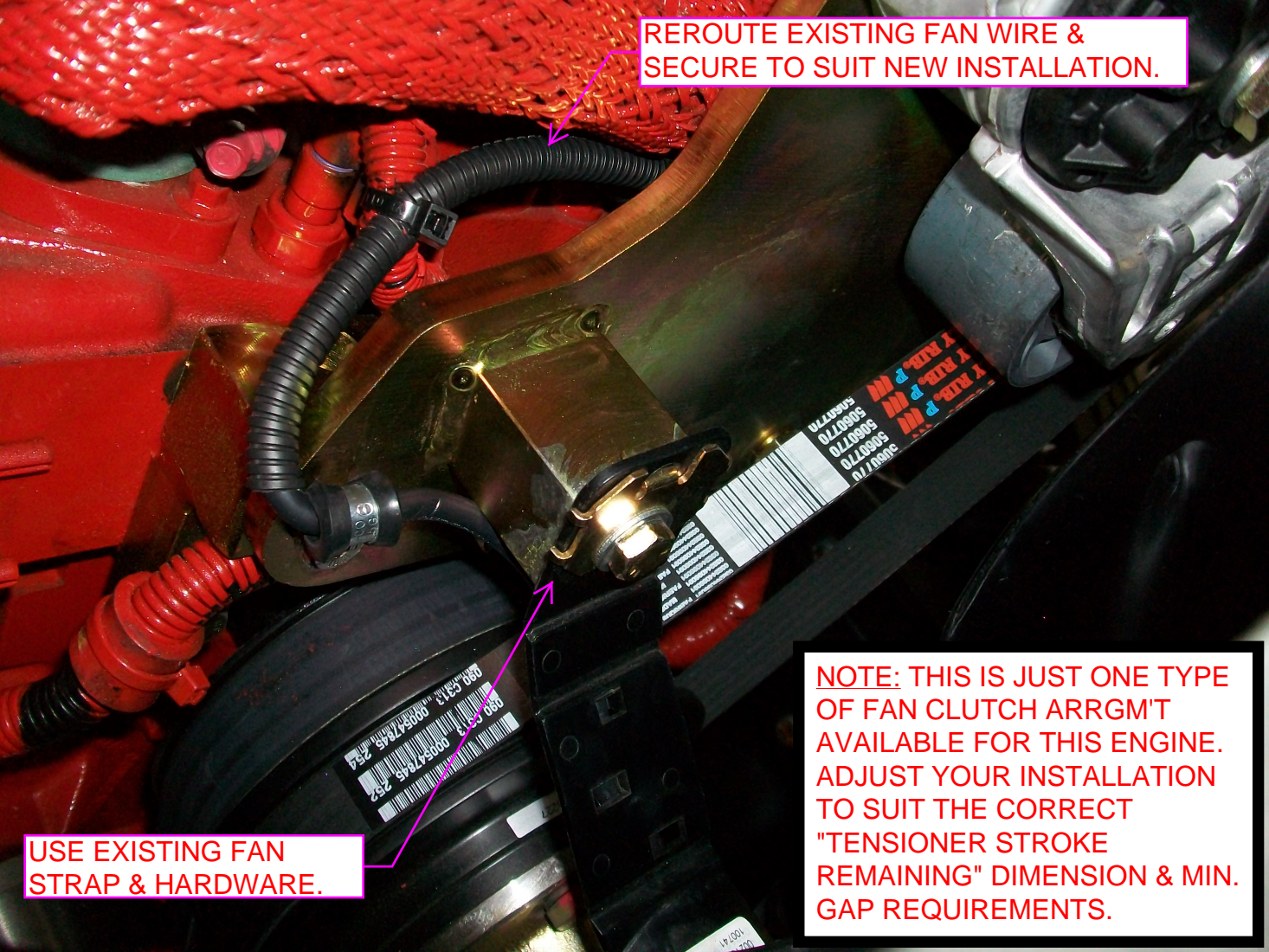
BAG50037



REROUTE EXISTING FAN WIRE &  
SECURE TO SUIT NEW INSTALLATION.

USE EXISTING FAN  
STRAP & HARDWARE.

NOTE: THIS IS JUST ONE TYPE  
OF FAN CLUTCH ARRGM'T  
AVAILABLE FOR THIS ENGINE.  
ADJUST YOUR INSTALLATION  
TO SUIT THE CORRECT  
"TENSIONER STROKE  
REMAINING" DIMENSION & MIN.  
GAP REQUIREMENTS.





## **TransArctic A/C Compressor Mount Installation Disclaimer**

All compressor mounts should be installed by qualified and trained personnel using proper tools and equipment in safe working conditions following industry standard guidelines for motor vehicle service and repair.

The installer of any compressor mount purchased from TransArctic must undertake all responsibility of issues arising from that compressor bracket being installed on any vehicle. As well as insure that a **proper and sufficient ground** is established between the compressors' clutches and the vehicle's engine. Mount functionality, operation and durability can all be compromised by an incompetent installation.

Due to the many different situations, parameters and application criteria, which are beyond the compressor mount manufacturer's control, TransArctic does not warrant design, durability, or operational functionality of any compressor mount improperly installed by another party.

**With no implied guarantees it is the mount installer's strict responsibility to determine safety and functionality, of the compressor mount, at the time of installation.**

Please contact TransArctic with any issue arising from installation so we may better improve the product. If you have any reservations about the compressor mount integrity contact TransArctic immediately at 1-877-COLD-AIR.

**Mark OEM tensioner location**

**Install Kit**

**Check for Interferences**

**Check to ensure that the proper OEM tensioner orientation is maintained**

**Run engine with A/C system engaged for at least 10 minutes to run in belt**

**Check OEM tensioner orientation and adjust as required**

### **Responsabilidad limitada de TransArctic en la instalación del soporte del compresor**

Todos los soportes de los compresores deben ser instalados por personas calificadas y entrenadas, usando para ello los equipos y herramientas necesarios para esta labor en buenas condiciones y según las normas y guías para el servicio y/o reparación de motores de vehículos.

El instalador de los soportes comprados en TransArctic asume toda la responsabilidad de cualquier problema que surja en el soporte del compresor al vehículo; de igual manera es responsable que el cable a tierra sea conectado entre el embrague del compresor y el motor del vehículo.

Se advierte que el buen funcionamiento y la durabilidad del soporte pueden ser comprometidos por defectos en su instalación.

Debido a las diversas situaciones que se puedan presentar fuera del control del fabricante, TransArctic no garantiza el diseño, la durabilidad o el correcto funcionamiento de cualquier equipo inapropiadamente instalado por terceros.

**Esta sobreentendido que el Instalador del montaje del compresor es estrictamente responsable de la seguridad y funcionamiento del equipo en el momento de la instalación.**

Si tuviera algún problema o duda acerca de la instalación del soporte del compresor pongase en contacto inmediatamente con TransArctic al teléfono 1-877-COLD-AIR de modo que podamos mejorar nuestro producto.

**Note la ubicación del medidor de tensión OEM**

**Instale el equipo**

**Controlar si hay interferencias.**

**Asegurese que el medidor de tensión mantenga la orientación justa.**

**Encienda el motor por lo menos 10 minutos con el sistema A/C enganchado para que la correa corra**

**Controle la orientación justa del medidor de tensión y ajuste a las condiciones requeridas del fabricante**

OCT-27-2011

Dear Customer,

The enclosed mount kit (KMC62679) was developed for the 6.7 L Cummins 2010 emissions BBCV bus with its varying fan pulley configurations. (Hopefully it will cover all of the different arrangements while utilizing a single common belt length.)

We also believe that it will fit the 2007 emissions 6.7 L Cummins engine in the BBCV's. Please note that the "adjustable backside idler pulley" will probably be at the top of its adjustable slot, to make the tensioner's "adjustable dimensions" work out in this install.

Please install this kit utilizing the enclosed mount kit paperwork and contact me at our toll free number 1-877-265-3247, to confirm all the information in these documents with the actual and correct installation.

If you have any questions or concerns with this mount kit install please contact me at your earliest convenience at the above toll free number.

Thank you,  
&  
Kindest Regards,

Val Jakowlew