

Bill of Materials Listing

TransArctic Canada Inc.

9/27/2013
Page 1 of 1

Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KMC94064		Mt Kit, ISL13, T3RE, FK40/4xFC, '13		6/26/2013	181.89		0
20	BEL22210	Belt, B gr, 2210mm (87") (BX84)		each	2		
30	BMC83053	Bkt, Diag, Brace RR, MFDT, RE300		each	1		
40	BMC83054	Bkt, Main, Idler, Weldm't, RE300		each	1		
50	BMC83058	Bkt, Cover, Light Pl, MF DT, RE300		each	1		
60	BMC83074	Bkt, Relay, ISC, D3RE, 2010		each	1		
70	BMC83107	Bkt, Main, FRT Support, T3RE, '13		each	1		
80	BMC83108	Bkt, Main, RR Support, T3RE, '13		each	1		
90	BMC83109	Bkt, Main, Lateral Brace, T3RE, '13		each	1		
100	BMC83113	Bkt, Brace RR/PS, PDU Panel, T3RE, '13		each	1		
120	BMC83116	Bkt, Support, PDU Panel, T3RE, '13		each	1		
130	BMC83120	Bkt, Weldm't, Sup, A.F Housing, T3RE, '13		each	1		
135	BMC83122	Bkt, Exhaust, Adapter, T3RE, '13		each	1		
140	BMZ00046	Bkt, Angle, Brace, Hanger, Hose, 2013		each	1		
165	CLP04000	Clamp, T bolt, Spring, 4", CAC		each	2		
166	TUS04093	Tube, Stl, Exh, 4"o.d., 90 deg elb, 8 x 8		each	1		
167	HOA04083	Hose, Flex, CAC, 4.0d x 8.0, 3 ring		each	1		
170	KCB84064	Kit, Compressor, 24V, FK40/ 4xFC, '13		each	1		
190	PUA05012	Pulley, Assy, Idler, B/BX gr, 5", STL, Plt		each	1		
210	PUL80074	Pulley, Idler, B/S, Wide, 76d (89102)		each	1		
220	PUL89323	Pulley, Crank, ADD-ON, ISL, 2B/3V, '13		each	1		
230	SCD37012	Spacer, Col, Drl, 37 mm x 25.4o x 12.3i		each	1		
240	SCD41012	Spacer, Col, Drl, 41 mm x 25.4o x 12.3i		each	1		
250	SLV17012	Sleeve, Pulley, 16.9o x 22.23mm x 12.32i		each	2		
270	KBC84064	Bag Kit, Fasteners, KMC840/841/940/94164		each	1		

WILL REQUIRE TMP00002 (TEMPLATE).

Bill of Materials Listing

TransArctic Canada Inc.

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Page 1 of 1

Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KBC84064		Bag Kit, Fasteners, KMC840/841/940/94164		7/9/2013	2.97		0
10	BTC08035	Bolt, Hex, 8 x 1.25 x 35mm, 10.9, Plt,FT		each	4		
20	BTC10035	Bolt, Hex, 10 x 1.5 x 35mm, 10.9, Plt,FT		each	2		
40	BTC12040	Bolt, Hex, 12 x 1.75 x 40mm, 10.9,Plt,FT		each	5		
50	BTC12050	Bolt, Hex, 12 x 1.75 x 50mm, 10.9,Plt		each	2		
60	BTC12100	Bolt, Hex, 12 x 1.75 x 100mm, 10.9, Plt		each	2		
70	BTQ08126	Bolt, Hex, 1/2-20unf, 1.25", 8, Plt		each	6		
80	NTA10000	Nut, Hex, 10 x 1.5, 8.8, Plt		each	2		
90	NTA12000	Nut, Hex, 12 x 1.75, 8.8, Plt		each	9		
100	SCP03075	Screw, PH, PD, SDT, #10-16 x .75, ST,Plt		each	3		
160	WFA08000	Washer, Flat, 8mm, 8.8, Plt		each	4		
170	WFA10000	Washer, Flat, 10mm, 8.8, Plt		each	4		
180	WFA12000	Washer, Flat, 12mm, 8.8, Plt		each	16		
190	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	6		
200	WLA08000	Washer, Lock, 8mm, 8.8, Plt		each	4		
210	WLA10000	Washer, Lock, 10mm, 8.8, Plt		each	2		
220	WLA12000	Washer, Lock, 12mm, 8.8, Plt		each	9		
230	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	6		

Bill of Materials Listing

TransArctic Canada Inc.

10/2/2013
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Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KCB84064		Kit, Compressor, 24V, FK40/ 4xFC, '13		9/16/2013	62.71		0
10	BEL11040	Belt, A gr, 1040mm (41") (17410)		each	2		
20	BMC83114	Bkt, Pl, ALT Spacer, T3RE, '13		each	1		
30	BMN80008	Vibration Isolator, Bar,16.50 x 2 x 1.50		each	2		
40	BMN80025	Bkt, Back, PL, Slide, IC, RE300		each	1		
50	BMT10011	Bkt, Tenr, Block, Offset, 3mm		each	2		
60	BMZ00043	Bkt, Main, Base Pl, '13		each	1		
70	BTP08653	Bolt, Hex, 1/2-13unc, 6.5", 5, Plt, FT		each	1		
80	BTQ08101	Bolt, Hex, 1/2-20unf, 1.00", 8, Plt		each	3		
90	BTQ08150	Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	4		
100	BTQ08126	Bolt, Hex, 1/2-20unf, 1.25", 8, Plt		each	2		
110	BTQ08653	Bolt, Hex, 1/2-13unc, 6.5", 8, Plt		each	1		
120	CSF08076	Capscrew, FH, 1/2-20unf x .75",Alloy,Plt		each	1		
130	KBT84064	Kit, Platform, 4xFCY W/ Alt, '13		each	1		
140	NTQ08000	Nut, Hex, 1/2-13unc, 8, Plt		each	7		
150	PUL03321	Pulley, ALT, Idler, 3.25"d, 2A		each	1		
160	TRD08120	Threaded, Rod, 1/2-13unc x 12", 5, Plt		each	1		
170	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	11		
180	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	13		

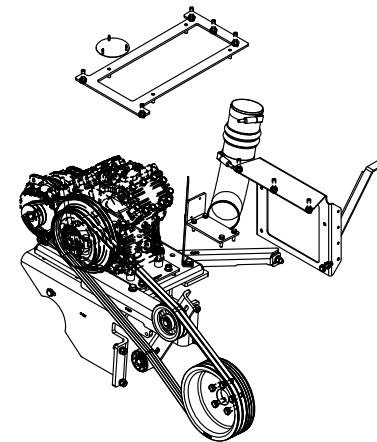
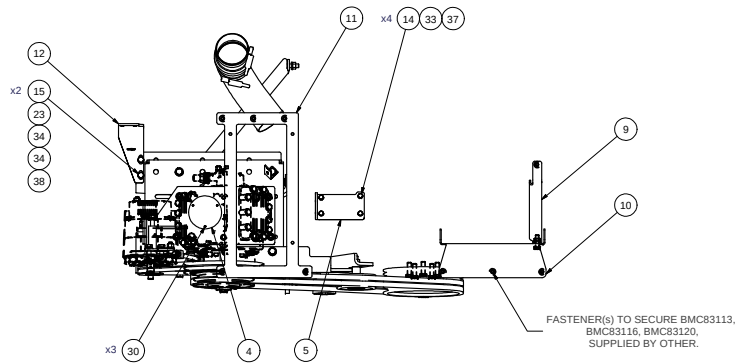
Bill of Materials Listing

TransArctic Canada Inc.

9/25/2013

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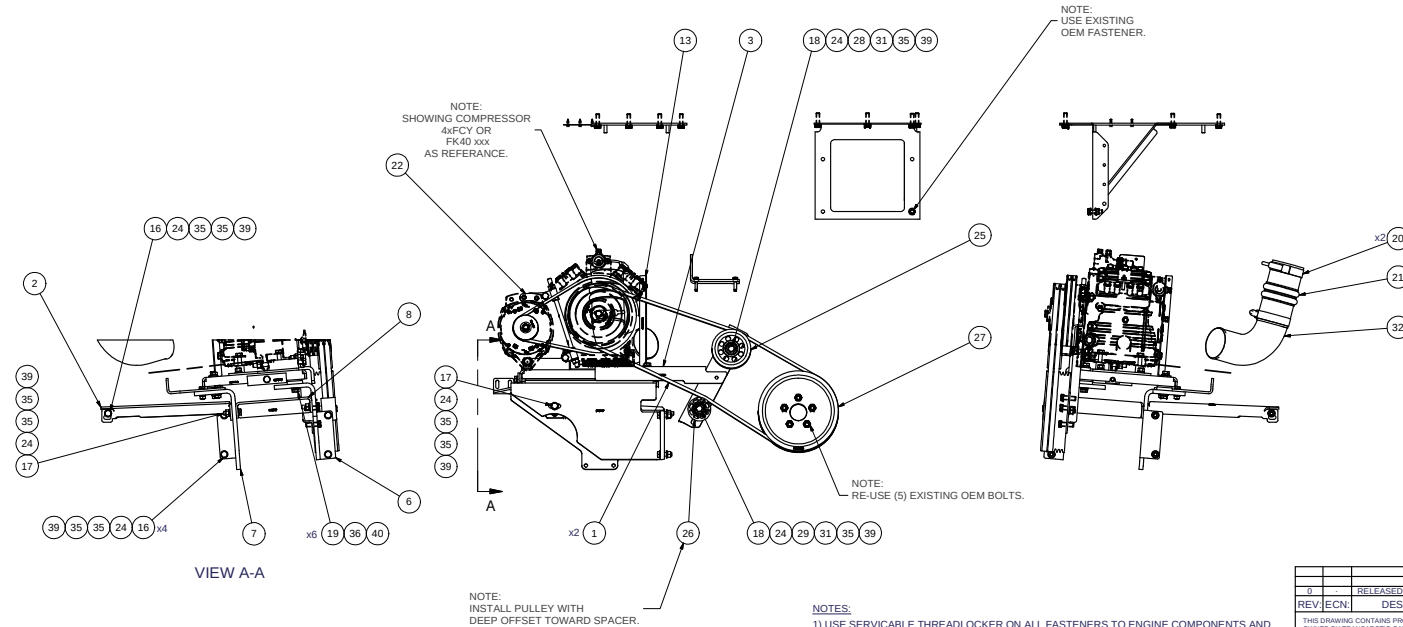
Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KBT84064		Kit, Platform, 4xFCY W/ Alt, '13		2/17/2009	18.68		0
10	BMN80031	Bkt, Main, Slide, Assy, 05K, IC, RE300		each	1		
20	BMC83117	Bkt, Weld't, 4xFCY W/ Alt, T3RE, '13		each	1		
30	BTC12060	Bolt, Hex, 12 x 1.75 x 60mm, 10.9,Plt,FT		each	4		
40	NTP07000	Nut, Hex, 7/16-14unc, 5, Plt		each	4		
50	WFA12000	Washer, Flat, 12mm, 8.8, Plt		each	4		
60	WFN07000	Washer, Flat, 7/16", 2, Plt		each	4		
70	WLA12000	Washer, Lock, 12mm, 8.8, Plt		each	4		
80	WLQ07000	Washer, Lock, 7/16", 8, Plt		each	4		



ISOMETRIC VIEW

40	6	EACH	WLQ08000	WASHER, LOCK, 1/2", 8, PLT
39	9	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
38	2	EACH	WLA10000	WASHER, LOCK, 10mm, 8.8, PLT
37	4	EACH	WLA08000	WASHER, LOCK, 8mm, 8.8, PLT
36	6	EACH	WFO08000	WASHER, FLAT, 1/2", 8, PLT
35	16	EACH	WFA12000	WASHER, FLAT, 12mm, 8.8, PLT
34	4	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
33	4	EACH	WFA08000	WASHER, FLAT, 8mm, 8.8, PLT
32	1	EACH	TUS04093	TUBE, STL, EXH, 4"o.d., 90 deg ELB, 8 x 8
31	2	EACH	SLV17012	SLEEVE, PULLEY, 16.90 x 22.23 mm x12.19
30	3	EACH	SCD30705	SCREW, PH, SDT, #10-16 x .75, ST, PLT
29	1	EACH	SCD41012	SPACER, COL, DRL, 41mm x 25.40 x 12.3
28	1	EACH	SCD37012	SPACER, COL, DRL, 37mm x 25.40 x 12.3
27	1	EACH	PUL89323	PULLEY, CRANK, ADD-ON, ISL, 28/3V, '13
26	1	EACH	PUL80074	PULLEY, IDLER, BACKSIDE, P8, 74D, 46.27W
25	1	EACH	PUA05012	PULLEY, ASSY, IDLER, B/BX gr, 5" STL, PLT
24	9	EACH	NTA12000	NUT, HEX, 12 x 1.75, 8.8, PLT
23	2	EACH	NTA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
22	1	EACH	KCB84064	KIT, COMPRESSOR, FK40/4XFC, '13
21	1	EACH	HOA04083	HOSE, FLEX, CAC, 4.00 x 8.0, 3 RING
20	2	EACH	CLP04000	CLAMP, T BOLT, SPRING, 4", CAC
19	6	EACH	BTQ08126	BOLT, HEX, 1/2-20UNF x 1.25, 8, PLT
18	2	EACH	BTC12100	BOLT, HEX, 12 x 1.75 x 100mm, 10.9, PLT
17	2	EACH	BTC12050	BOLT, HEX, 12 x 1.75 x 50mm, 10.9, PLT
16	5	EACH	BTC12040	BOLT, HEX, 12 x 1.75 x 40mm, 10.9, PLT
15	2	EACH	BTC10035	BOLT, HEX, 10 x 1.5 x 35mm, 10.9, PLT
14	4	EACH	BTC08035	BOLT, HEX, 8 x 1.25 x 35mm, 10.9, PLT
13	1	EACH	BMZ00046	BKT, ANGLE, BRACE, HANGER, HOSE, 2013
12	1	EACH	BMC83122	BKT, EXHAUST, ADAPTER, T3RE, '13
11	1	EACH	BMC83120	BKT, WELDMT, SUP, A F HOUSING, T3RE, '13
10	1	EACH	BMC83116	BKT, SUPPORT, PDU PANEL, T3RE, '13
9	1	EACH	BMC83113	BKT, BRACE RR/PS, PDU PANEL, T3RE, '13
8	1	EACH	BMC83109	BKT, MAIN, LATERAL BRACE, T3RE, '13
7	1	EACH	BMC83108	BKT, MAIN, RR SUPPORT, T3RE, '13
6	1	EACH	BMC83107	BKT, MAIN, FRT SUPPORT, T3RE, '13
5	1	EACH	BMC83074	BKT, RELAY, ISC, D3RE, 2010
4	1	EACH	BMC83058	BKT, COVER, LIGHT PL, MFD, RE300
3	1	EACH	BMC83054	BKT, MAIN, IDLER, WELDMT, RE300
2	1	EACH	BMC83053	BKT, DIA5, BRACE RR, MFD, RE300
1	2	EACH	BEL22210	BELT, B GR, 2210mm (87") (BX84)

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN: Rodriguez 9/25/2013				
CHECKED: James Stewart 7/9/2013				
REV: James Stewart 7/9/2013				
APPROVED: Ron Ingram 7/9/2013				
DATE: Dale Mason 7/9/2013				
THIRD ANGLE PROJECTION				
DRAWING UNIT OF MEASURE: MM [INCH]				
SCALE: 1:1				
SHEET 1 OF 1				



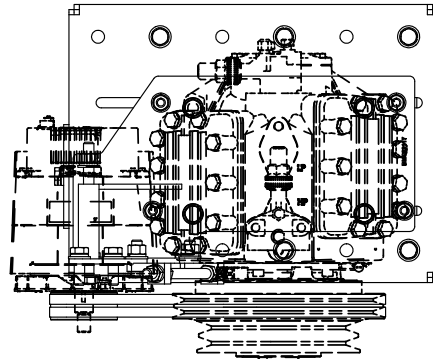
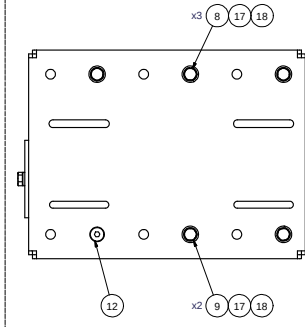
VIEW A-A

NOTES:
1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE ALL BOLTS TO S.A.E. SPECIFICATIONS.
2) SEE "TRANSARCTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".

0	RELEASED TO PRODUCTION	8/10/2013	JRR
REV	DESCRIPTION	DATE	BY
1	THIS DRAWING CONTAINS PROPRIETARY CONFIDENTIAL INFORMATION OWNED BY TRANSARCTIC CANADA INC. THE DOCUMENT AND THE INFORMATION IT IS NOT TO BE USED, DISCLOSED OR REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF THE COMPANY.		
UNSPECIFIED TOLERANCES: (UNT) (MM) (INCH)			
ONE DECIMAL PLACE (.1)	30	(.010)	
TWO DECIMAL PLACE (.01)	30	(.005)	
THREE DECIMAL PLACE (.001)	30	(.002)	
FUNCTIONAL (AS SHOWN)	ANGULAR	(.125)	

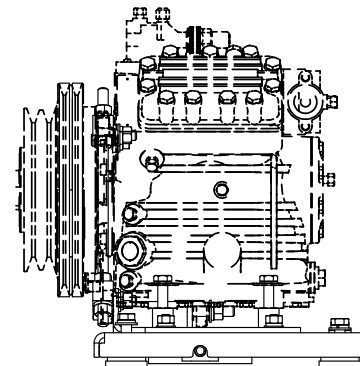
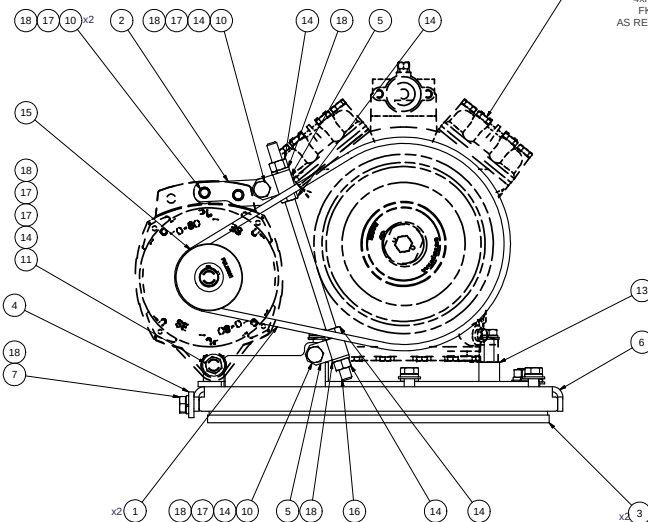
TOP VIEW

PARTS REMOVED FOR CLARITY.



ISOMETRIC VIEW

NOTE:
SHOWING COMPRESSOR
4xFCY OR
FK40 xxx
AS REFERENCE.



NOTES:

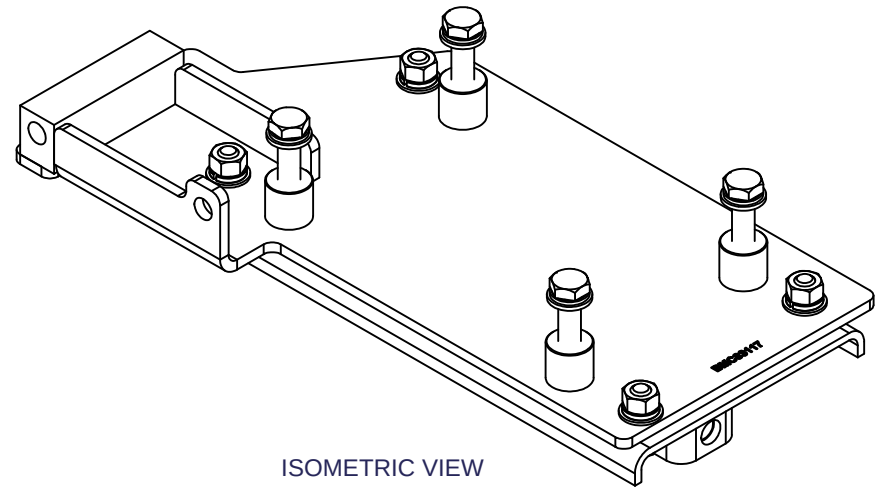
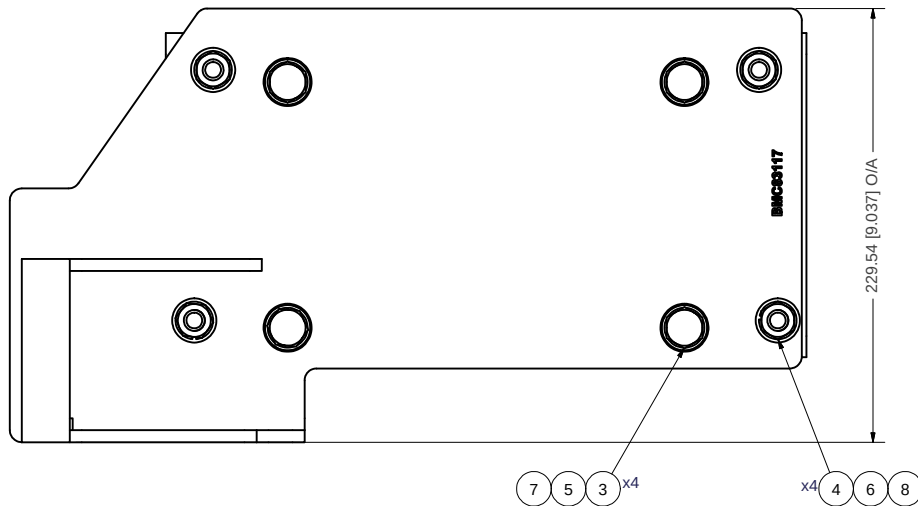
- 1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE **ALL** BOLTS TO S.A.E. SPECIFICATIONS.
- 2) SEE "TRANSARCTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".
- 3) WEIGHT: 56.70 LBS.

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
18	13	EACH	WLO8000	WASHER, LOCK, 1/2", 8, PLT
17	11	EACH	WFO8000	WASHER, FLAT, 1/2", 8, PLT
16	1	EACH	TRD08120	THREADED, ROD, 1/2-13UNC x 12", 5 PLT
15	1	EACH	PUL03321	PULLEY, ALT, IDLER, 3.25"o, 2A
14	7	EACH	NTQ08000	NUT, HEX, 1/2-13UNC, 8, PLT
13	1	EACH	KBT84064	MT KIT, TRANSIT, 4xFCY, '12
12	1	EACH	CSF08076	CAPSCREW, FH, 1/2-20UNF x .75" ALLOY, PLT
11	1	EACH	BTQ08653	BOLT, HEX, 1/2-13UNC x 6.50, 8, PLT
10	4	EACH	BTQ08150	BOLT, HEX, 1/2-13UNC x 1.50, 8, PLT
9	2	EACH	BTQ08126	BOLT, HEX, 1/2-20UNF x 1.25, 8, PLT
8	3	EACH	BTQ08101	BOLT, HEX, 1/2-20UNF x 1.00, 8, PLT
7	1	EACH	BTQ08653	BOLT, HEX, 1/2-13UNC x 6.50, 5, PLT, FT
6	1	EACH	BMZ00043	BKT, MAIN, BASE PL, '13
5	2	EACH	BMT10011	BKT, TENR, BLOCK, OFFSET, 3mm
4	1	EACH	BMN80025	BKT, BACK, PL, SLIDE, IC, RE300
3	2	EACH	BMN80008	VIBRATION ISOLATOR, BAR, 16.50 x 2 x 1.50
2	1	EACH	BMK33114	BKT, PL, ALT, SPACER, T3RE, '13
1	2	EACH	BEL11040	BELT, A gr, 1040mm (41") (17410)

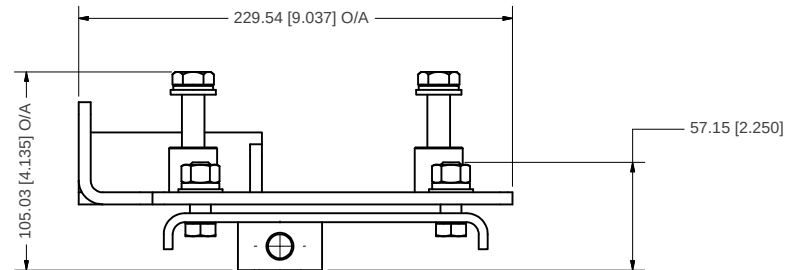
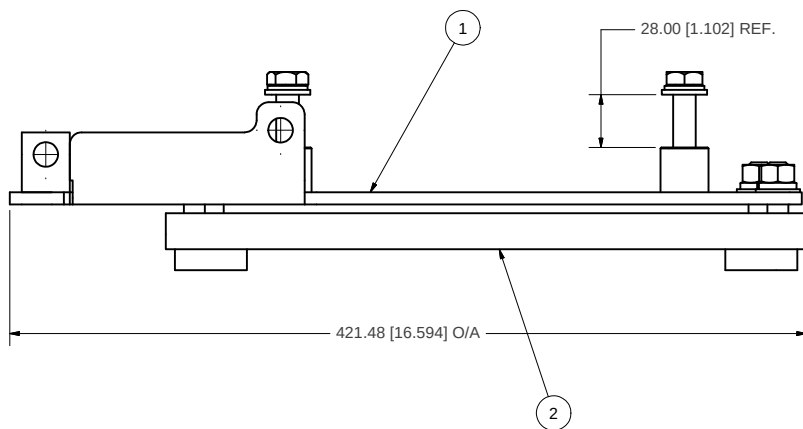
BILL OF MATERIALS

DRAWN	9/16/2013		TITLE
CHECKED	9/16/2013		KIT, COMPRESSOR, 24V, FK40/ 4xFC,
REV	9/16/2013		'13
DATE	9/16/2013		SIZE
APPROVED	9/16/2013	DWG NO	REV
		KCB84064	0
		SCALE	SHEET
		1:3	1 OF 1

DESCRIPTION	DATE	BY
RELEASED TO PRODUCTION	9/16/2013	JRR
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UNSPECIFIED TOLERANCES:		
ONE DECIMAL PLACE (.X)	30	(30)
TWO DECIMAL PLACES (.XX)	10	(10)
THREE DECIMAL PLACES (.XXX)	10	(10)
ANGULAR	1/2	
THIRD ANGLE PROJECTION		
DRAWING UNIT OF MEASURE	MM (INCH)	



ISOMETRIC VIEW



8	4	EACH	WLQ07000	WASHER, LOCK, 7/16", 8, PLT
7	4	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
6	4	EACH	WFN07000	WASHER, FLAT, 7/16", 2, PLT
5	4	EACH	WFA12000	WASHER, FLAT, 12mm, 8.8, PLT
4	4	EACH	NTP07000	NUT, HEX, 7/16-14UNC, 5, PLT
3	4	EACH	BTC12060	BOLT, HEX, 12 x 1.75 x 60mm, 10.9, PLT
2	1	EACH	BMN80031	BKT, MAIN, SLIDE, ASSY, 05K, IC, RE300
1	1	EACH	BMC83117	BKT, WELDM'T, 4xFCY W/ALT, T3RE, '13
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

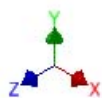
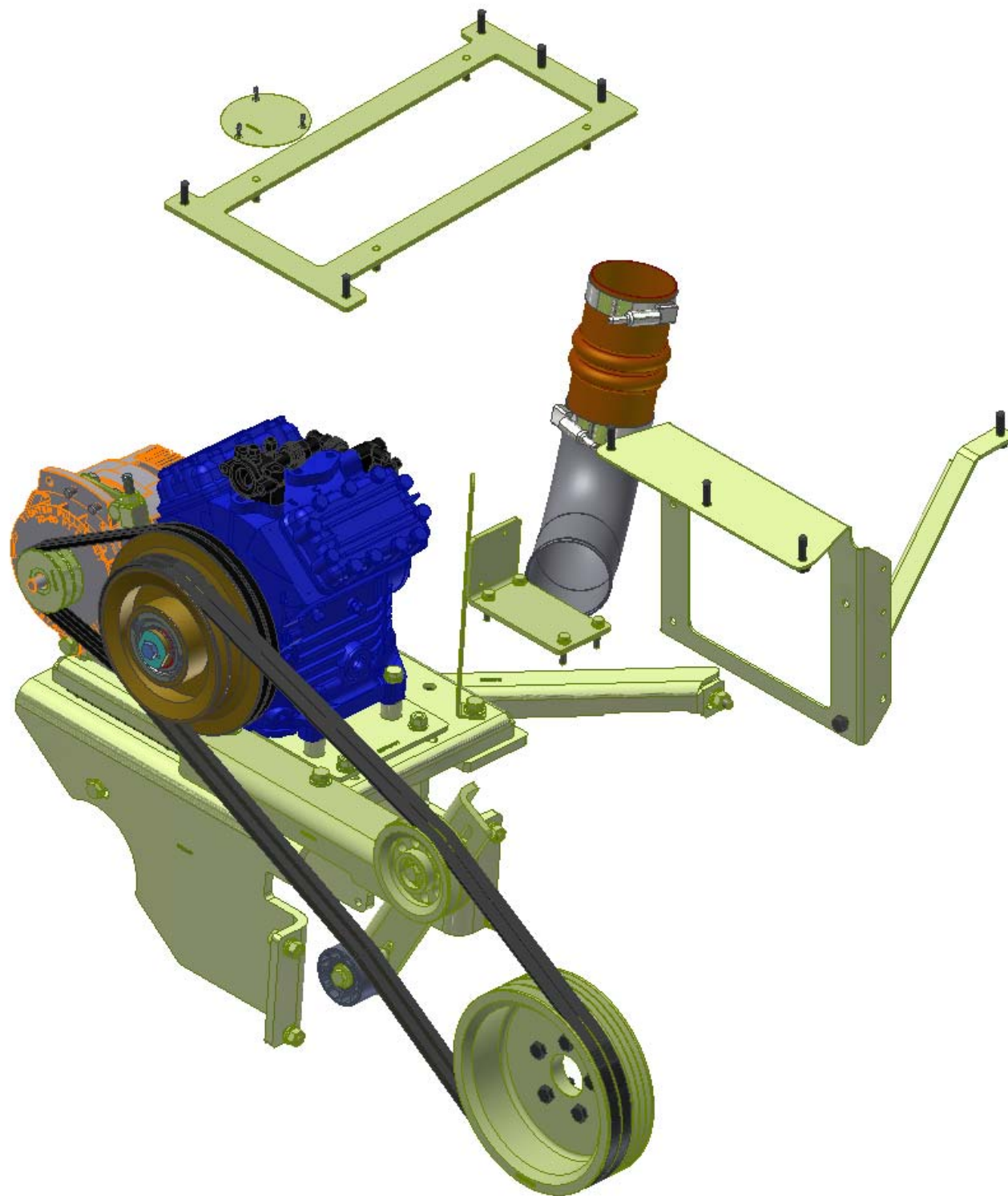
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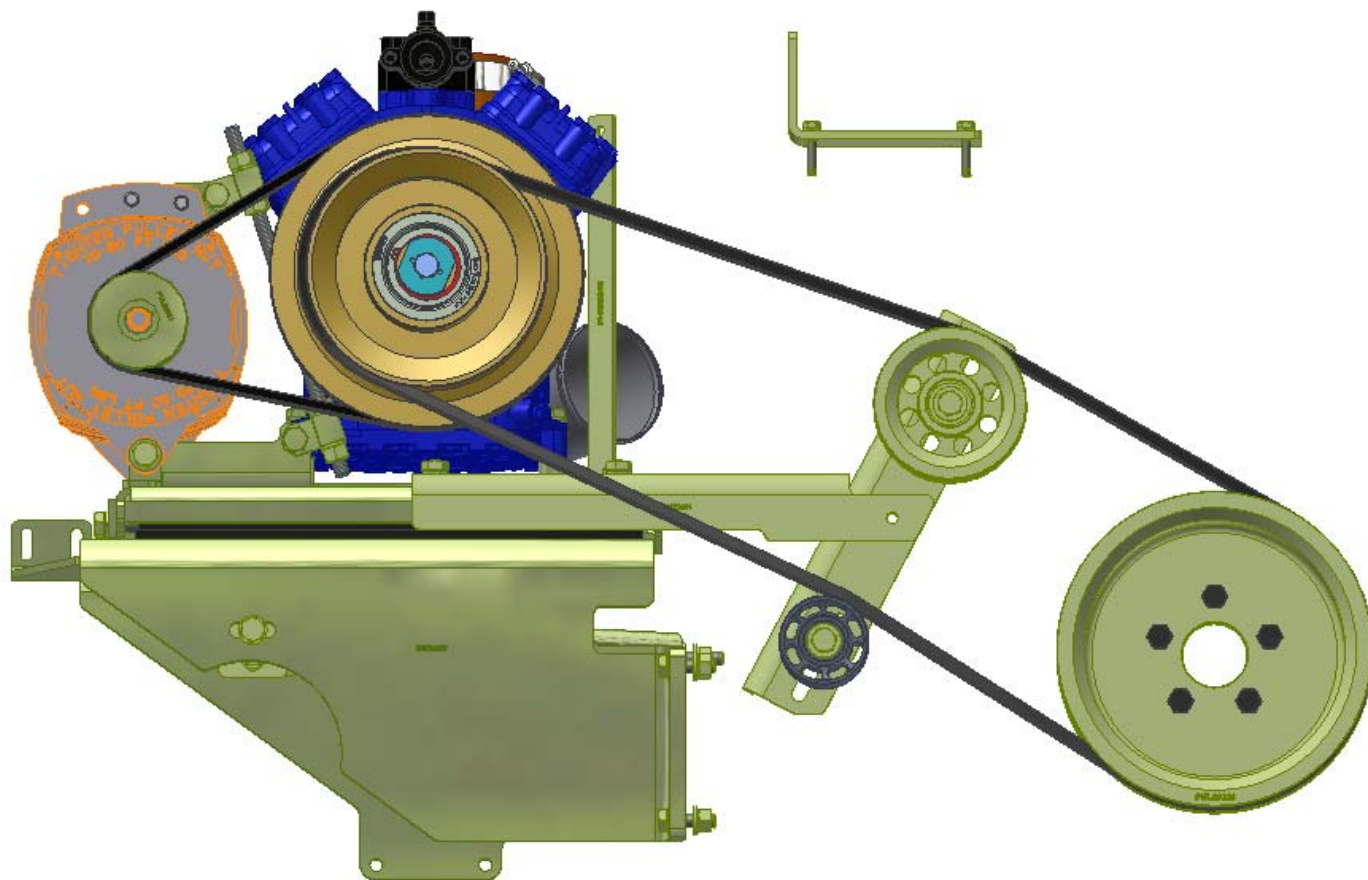
DRAWN	jrodriguez	7/12/2013	TRANSARCTIC INC.	
CHECKED	Val Jakowlew	7/12/2013		
QA	James Stewart	7/12/2013		
MFG	Ron Ingram	7/12/2013		
APPROVED	Dale Mason	7/12/2013	TITLE	
			KIT, PLATFORM, 4xFCY W/ALT, '13	
DRAWING UNIT OF MEASURE:		MM [INCH]	SIZE	C
			DWG NO	KBT84064
			SCALE	1:2
			SHEET	1 OF 1
			REV	0

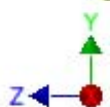
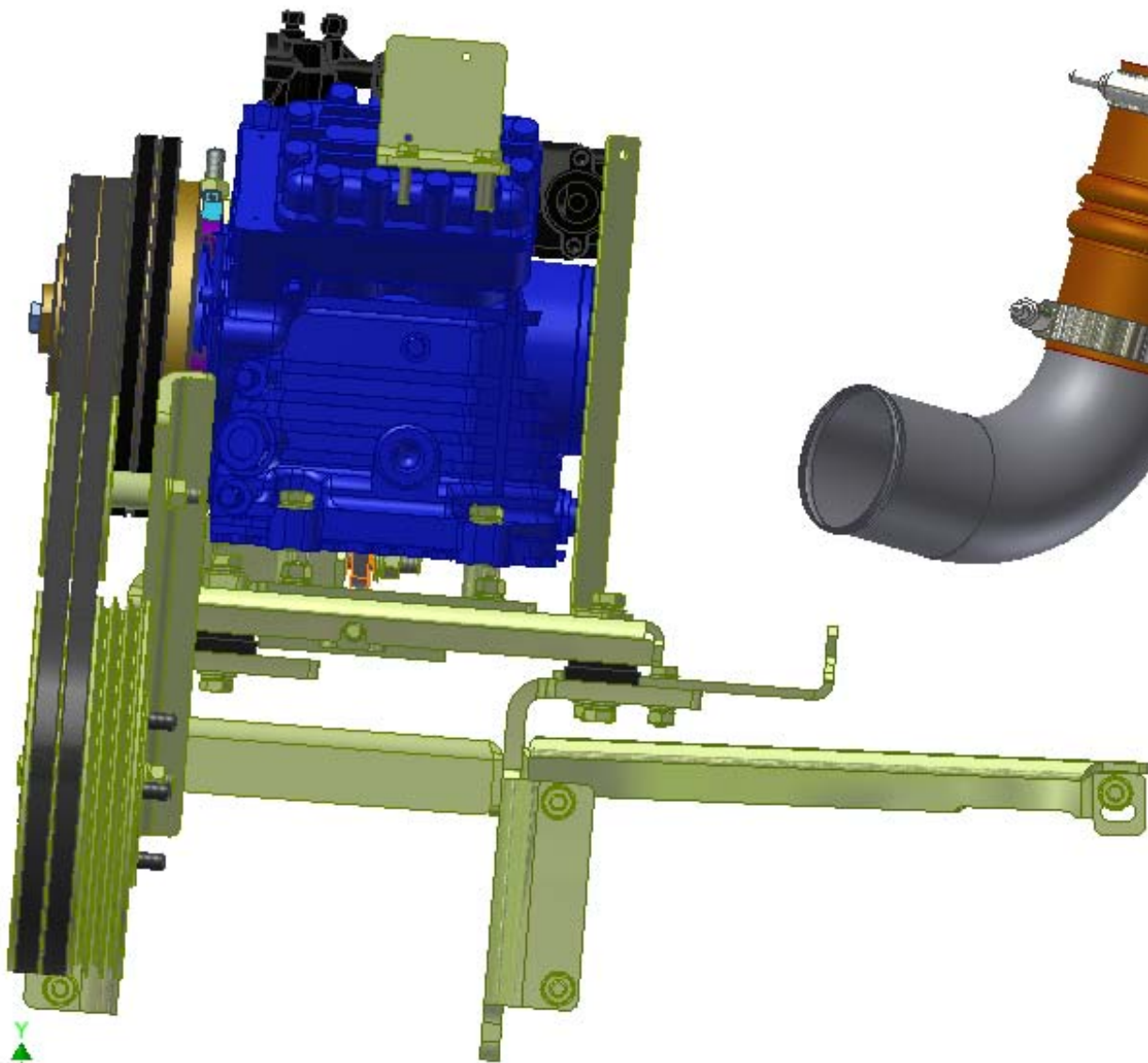
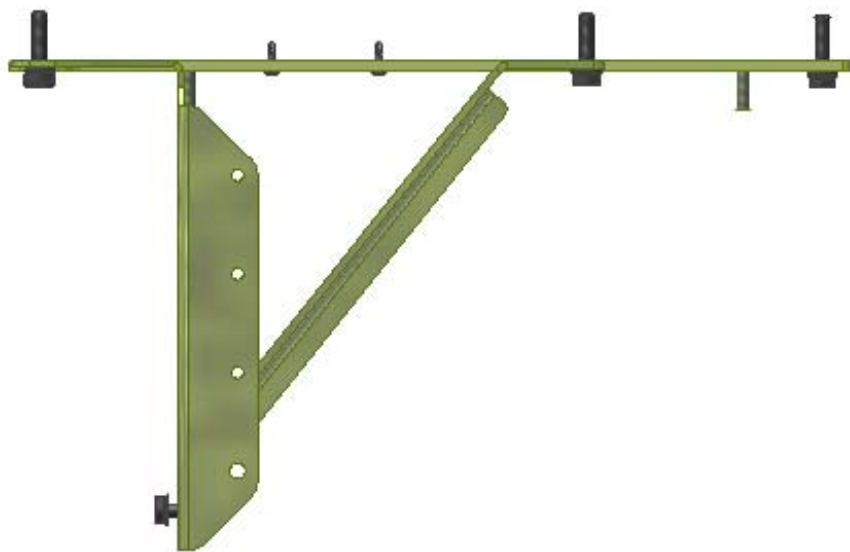
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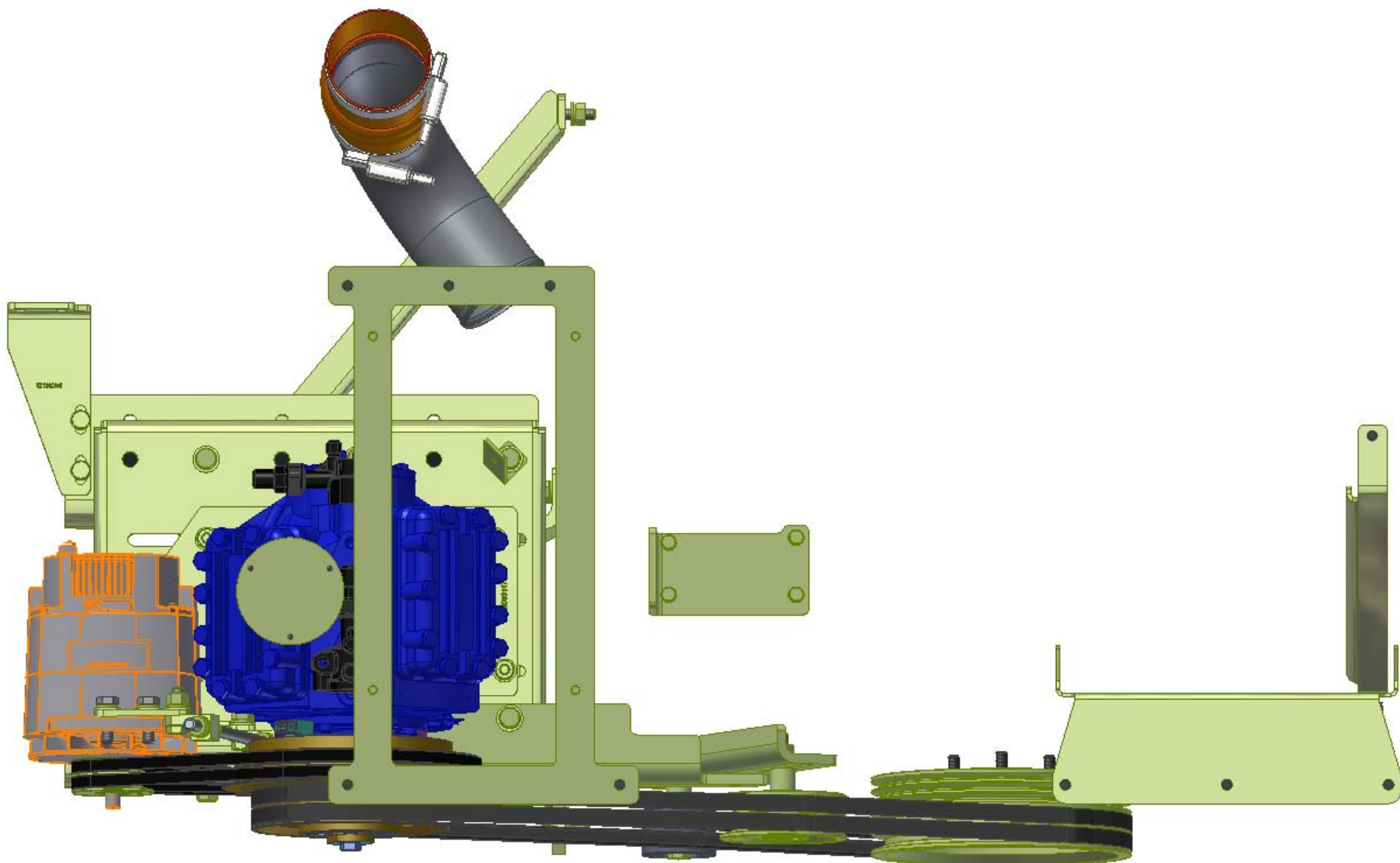
- 1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE **ALL** BOLTS TO S.A.E. SPECIFICATIONS.
- 2) SEE "TRANSARCTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".
- 3) WEIGHT: 18.22 LBS.

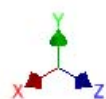
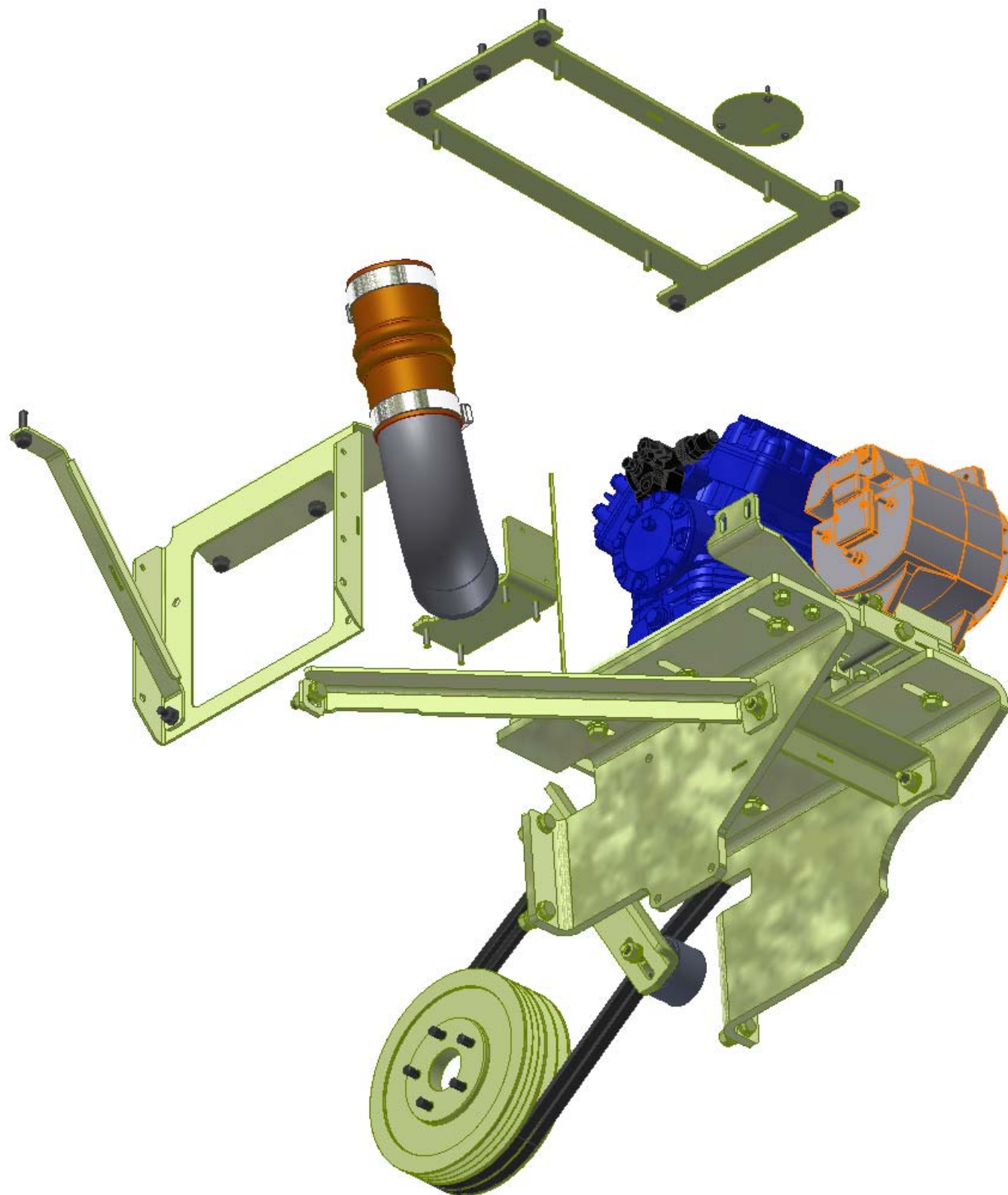
0	RELEASED TO PRODUCTION	7/24/2013	JRR
REV	ECN	DESCRIPTION	DATE
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UNSPECIFIED TOLERANCES: (ALT. DIM.)			
ONE DECIMAL PLACE (X)	.50	(.020)	
TWO DECIMAL PLACE (XX)	.25	(.010)	
THREE DECIMAL PLACE (XXX)	.10	(.005)	
FRACTIONAL +/- .002"	ANGULAR +/- .50°		
		THIRD ANGLE PROJECTION	











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 surga 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