

Bill of Materials Listing

TransArctic Canada Inc.

11/6/2013
Page 1 of 1

Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KMC64094		Mt Kit, ISB 2013, HDX,FK40/4xFC,24V, '13		10/11/2013	152.30		0
10	BEL22388	Belt, B gr, 2388mm (94") (BX91)		each	2		
20	BMC83123	Bkt, Main, Idler, ISL, HDX, '13		each	1		
30	BMC83125	Bkt, Weldm't, Adapter PI, ISL, HDX, '13		each	1		
40	BMC83129	Bkt, Weldm't, Main Base, ISL, HDX, '13		each	1		
50	KCB84094	Kit, Comp, 24V, ISL, HDX, FK40/ 4xFC,'13		each	1		
60	KPC64094	Kit, Pulley, 2B, ISB, 2013		each	1		
70	PUL80074	Pulley, Idler, B/S, Wide, 76d (89102)		each	2		
80	SCD46012	Spacer, Col, Drl, 46mm x 31.8o x 12.0i		each	2		
90	SLV17012	Sleeve, Pulley, 16.9o x 22.23mm x 12.32i		each	2		
100	KBC64094	Bag Kit, Fasteners, KMC64094		each	1		

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Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KBC64094		Bag Kit, Fasteners, KMC64094		9/11/2013	2.10		0
10	BTC10035	Bolt, Hex, 10 x 1.5 x 35mm, 10.9, Plt,FT		each	2		
30	BTC12100	Bolt, Hex, 12 x 1.75 x 100mm, 10.9, Plt		each	2		
40	BTQ06125	Bolt, Hex, 3/8-16unc, 1.25", 8, Plt		each	5		
50	BTQ08125	Bolt, Hex, 1/2-13unc, 1.25", 8, Plt		each	2		
60	BTQ08151	Bolt, Hex, 1/2-20unf, 1.5", 8, Plt		each	2		
70	CSF08101	Capscrew, FH, 1/2-20unf x 1.0",Alloy,Plt		each	4		
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	2		
100	NTQ06000	Nut, Hex, 3/8-16unc, 8, Plt		each	5		
110	WFA10000	Washer, Flat, 10mm, 8.8, Plt		each	4		
120	WFA12000	Washer, Flat, 12mm, 8.8, Plt		each	2		
130	WFN06000	Washer, Flat, 3/8", 2, Plt		each	10		
140	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	4		
150	WLA10000	Washer, Lock, 10mm, 8.8, Plt		each	2		
160	WLA12000	Washer, Lock, 12mm, 8.8, Plt		each	2		
170	WLQ06000	Washer, Lock, 3/8", 8, Plt		each	5		
180	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	4		

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TransArctic Canada Inc.

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Product Number		Description		Date	Weight	Uof M	Yield
Line	Component	Prod#	Description	Bin	Unit	Qty	
KCB84094		Kit, Comp, 24V, ISL, HDX, FK40/ 4xFC,'13		9/9/2013	62.16		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	KBT84094		Kit, Platform, PS, 4xFC/ FK40, W/Alt,'13		each	1	
80	PUL03321		Pulley, ALT, Idler, 3.25"d, 2A		each	1	
90	TRD08120		Threaded, Rod, 1/2-13unc x 12", 5, Plt		each	1	
100	KBZ84094		Bag Kit, Fasteners, KCB84094		each	1	

Bill of Materials Listing

TransArctic Canada Inc.

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Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KBZ84094		Bag Kit, Fasteners, KCB84094		10/18/2013	2.42		0
10	BTP08653	Bolt, Hex, 1/2-13unc, 6.5", 5, Plt, FT		each	1		
20	BTQ08101	Bolt, Hex, 1/2-20unf, 1.00", 8, Plt		each	4		
30	BTQ08150	Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	4		
40	BTQ08653	Bolt, Hex, 1/2-13unc, 6.5", 8, Plt		each	1		
50	CSF08076	Capscrew, FH, 1/2-20unf x .75", Alloy, Plt		each	2		
60	NTQ08000	Nut, Hex, 1/2-13unc, 8, Plt		each	7		
70	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	10		
80	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	12		

Bill of Materials Listing

TransArctic Canada Inc.

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Product Number		Description		Date	Weight	Uof M	Yield
Line	Component	Prod#	Description	Bin	Unit	Qty	
KBT84094			Kit, Platform, PS, 4xFC/ FK40, W/Alt,'13		9/9/2013	19.86	0
10	BMC83131		Bkt, Weldm't, 4xFC W/ Alt, P-S, HDX, '13		each	1	
20	BMN80031		Bkt, Main, Slide, Assy, 05K, IC, RE300		each	1	
30	KBZ00010		Bag Kit, Fasteners, KBT84094		each	1	

Bill of Materials Listing

TransArctic Canada Inc.

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Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
KBZ00010		Bag Kit, Fasteners, KBT84094		11/6/2013	0.82		0
10	BTC12060	Bolt, Hex, 12 x 1.75 x 60mm, 10.9,Plt,FT		each	4		
20	NTP07000	Nut, Hex, 7/16-14unc, 5, Plt		each	4		
30	WFA12000	Washer, Flat, 12mm, 8.8, Plt		each	4		
40	WFN07000	Washer, Flat, 7/16", 2, Plt		each	4		
50	WLA12000	Washer, Lock, 12mm, 8.8, Plt		each	4		
60	WLP07000	Washer, Lock, 7/16", 5, Plt		each	4		

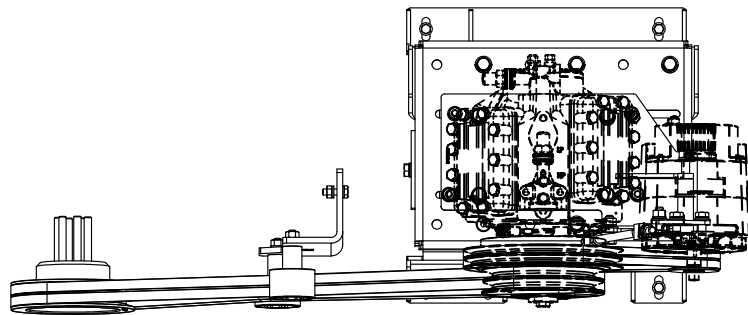
Bill of Materials Listing

TransArctic Canada Inc.

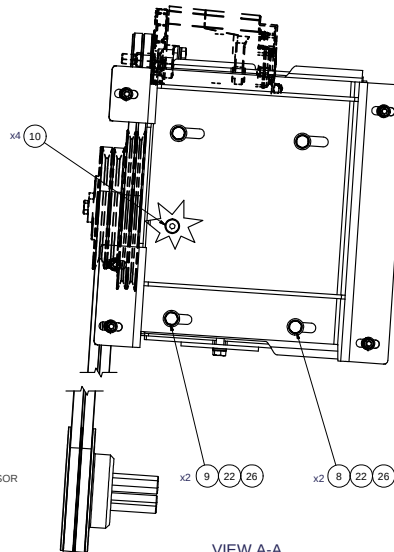
11/6/2013
Page 1 of 1

Product Number		Description		Date	Weight	Uof M	Yield
Line	Component	Prod#	Description	Bin	Unit	Qty	
KPC64094		Kit, Pulley, 2B, ISB, 2013			5/13/2008	14.32	0
10	PUL67222		Pulley, Crank, ADD-ON, ISB,6.7L,2B/X,'07		each	1	
20	CSS12090		Capscrew, SH, 12 x 1.25 x 90mm, 12.9,BLK		each	6	
30	WFS12002		Washer, Flat, Hdn, 12mm, Stl, BLK		each	6	

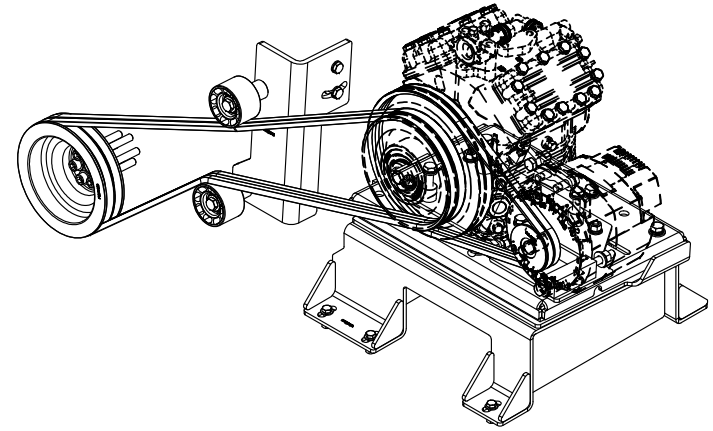
8 7 6 5 4 3 2 1



NOTE:
SHOWING COMPRESSOR
4MFCY OR
FK40 XXX
AS REFERENCE.



VIEW A-A



ISOMETRIC VIEW

NOTES:

- 1) USE SERVICEABLE 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".

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
26	4	EACH	WLQ08000	WASHER, LOCK, 1/2", 8, PLT
25	5	EACH	WLQ06000	WASHER, LOCK, 3/8", 8, PLT
24	2	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
23	2	EACH	WLA10000	WASHER, LOCK, 10mm, 8.8, PLT
22	4	EACH	WFO08000	WASHER, FLAT, 1/2", 8, PLT
21	10	EACH	WFO06000	WASHER, FLAT, 3/8", 2, PLT
20	2	EACH	WFA12000	WASHER, FLAT, 12mm, 8.8, PLT
19	4	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
18	2	EACH	SLV17012	SLEEVE, PULLEY, 16.90 x 22.23 mm x12.19in
17	2	EACH	SCD46012	SPACER, COL, DRL.46mm x 31.80 x 12.01
16	2	EACH	PUL80074	PULLEY, IDLER, BACKSIDE, P8, 74D, 46.27W
15	5	EACH	NTQ06000	NUT, HEX, 3/8-16UNC, 8, PLT
14	2	EACH	NTA12000	NUT, HEX, 12 x 1.75, 8.8, PLT
13	2	EACH	NTA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
12	1	EACH	KPC64161	KIT, PULLEY, 15B, 88RE, 07"
11	1	EACH	KCB84094	KIT, COMP 24V, ISL, HDX, FK40/4MFC, '13
10	4	EACH	CSF08076	CAPSCREW, FH, 1/2-20UNF x .75", ALLOY, PLT
9	2	EACH	BTQ08151	BOLT, HEX, 1/2-20UNF x 1.50, 8, PLT
8	2	EACH	BTQ08125	BOLT, HEX, 1/2-13UNC x 1.25, 8, PLT
7	5	EACH	BTQ06125	BOLT, HEX, 3/8-16UNC, 1.25", 8, PLT
6	2	EACH	BTC12100	BOLT, HEX, 12 x 1.75 x 100mm, 10.9, PLT
5	2	EACH	BTC10035	BOLT, HEX, 10 x 1.5 x 35mm, 10.9, PLT
4	1	EACH	BMC83129	BKT, WELDMT, MAIN BASE, ISL, HDX, '13
3	1	EACH	BMC83125	BKT, WELDMT, ADAPTER PL, ISL, HDX, '13
2	1	EACH	BMC83123	BKT, MAIN, IDLER, ISL, HDX, '13
1	2	EACH	BEL22388	BELT, B gr, 2388mm (94")/B9X13

BILL OF MATERIALS

DRAWN
jrodriquez
9/11/2013
CHECKED
Val Jakowlew
9/11/2013
DATE: 9/11/2013
BY: James Stewart
9/11/2013
MFG
Ron Ingram
9/11/2013
APPROVED
Date Mason
9/11/2013

TRANSARCTIC INC.

TITLE
MT KIT, ISB 2013, HDX, FK40/ 4xFC,
24v, '13

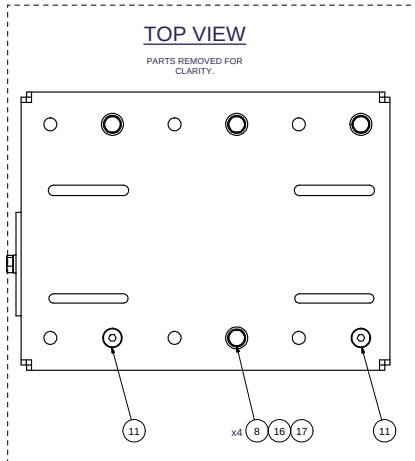
SIZE
D
DWG NO
KMC64094
REV
0

UNSPECIFIED TOLERANCES:	UNIT: MM	THIRD ANGLE PROJECTION
DWG DECIMAL PLACE (X)	0.00	0.00
TRIGONOMETRIC PLACE (X)	0.00	0.00
TRIGONOMETRIC PLACE (X)	0.00	0.00
ANGULAR (X)	0.00	0.00

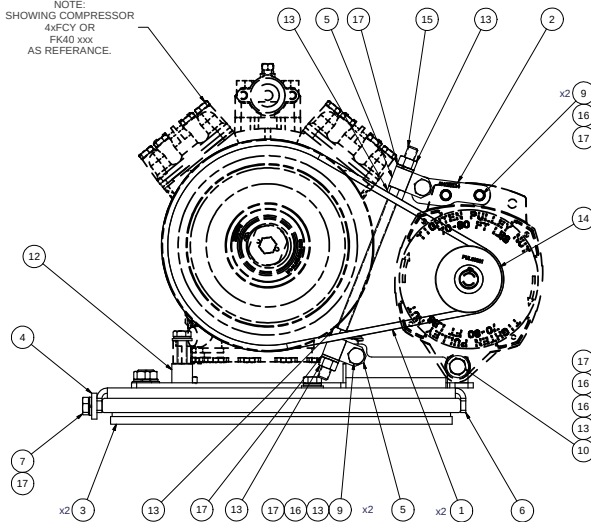
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TOP VIEW

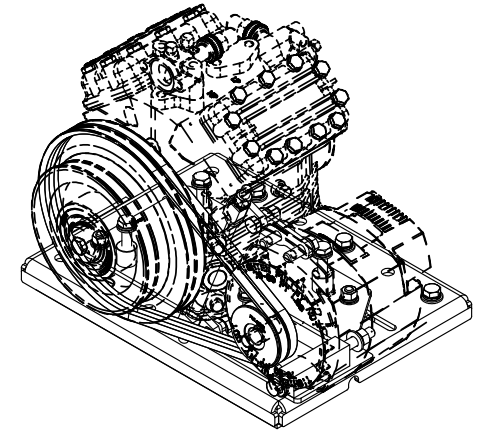
PARTS REMOVED FOR CLARITY.



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



ISOMETRIC VIEW



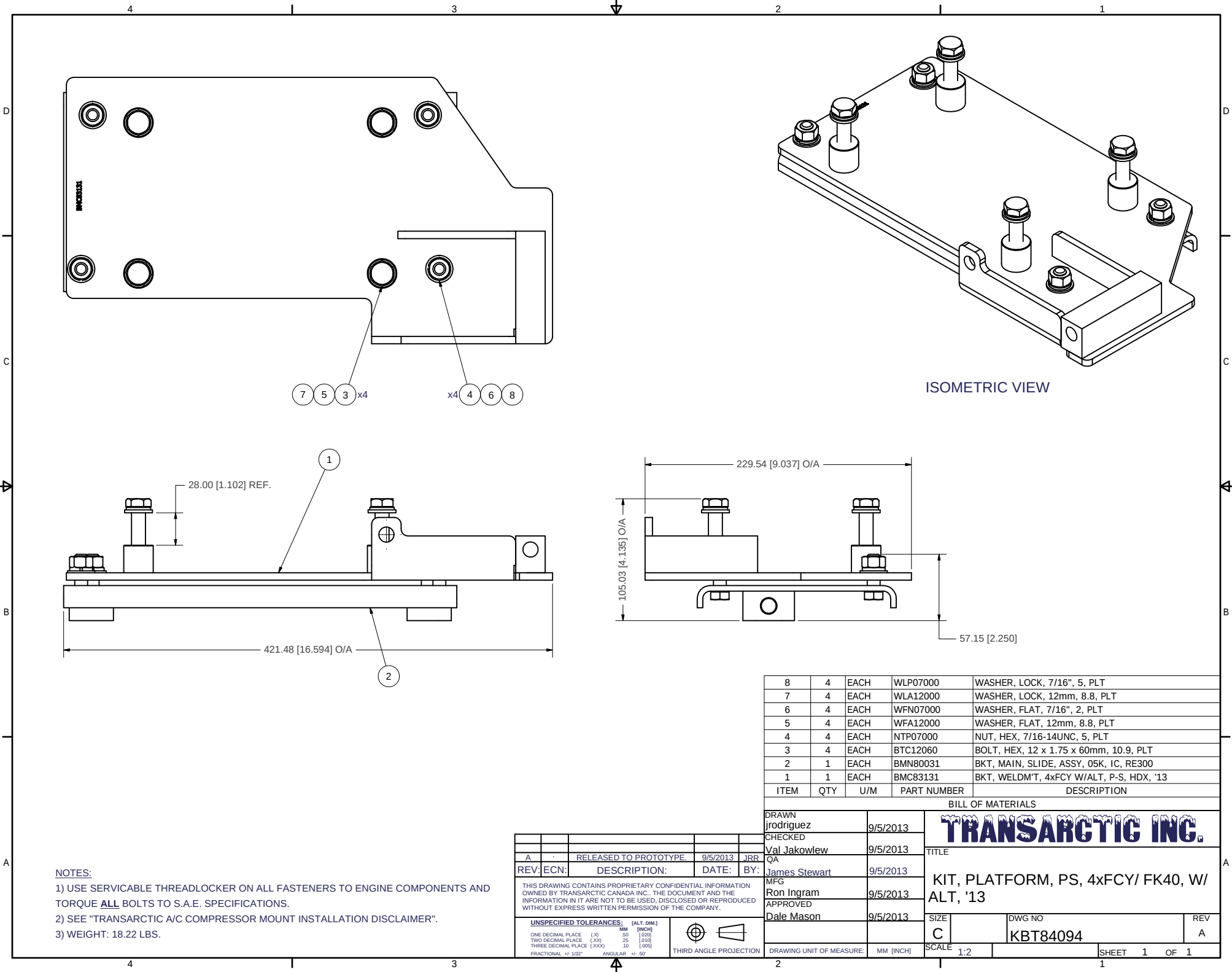
NOTES:

- 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
17	12	EACH	WLO08000	WASHER, LOCK, 1/2", 8, PLT
16	10	EACH	WFO08000	WASHER, FLAT, 1/2", 8, PLT
15	1	EACH	TRD08120	THREADED, ROD, 1/2-13UNC x 12", 5 PLT
14	1	EACH	PUL03321	PULLEY, ALT, IDLER, 3.25"o, 2A
13	7	EACH	NTQ08000	NUT, HEX, 1/2-13UNC, 8, PLT
12	1	EACH	KBT84094	KIT, PLATFORM, PS, 4xFCY/ FK40, W/ ALT, '13
11	2	EACH	CSF08076	CAPSCREW, FH, 1/2-20UNF x .75" ALLOY, PLT
10	1	EACH	BTQ08653	BOLT, HEX, 1/2-13UNC x 6.50, 8, PLT
9	4	EACH	BTQ08150	BOLT, HEX, 1/2-13UNC x 1.50, 8, PLT
8	4	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	BMN83114	BKT, PL, ALT, SPACER, T3RE, '13
1	2	EACH	BEL11040	BELT, A gr, 1040mm (41") (17410)

BILL OF MATERIALS

DRAWN jrodriguez		9/9/2013	TRANSARCTIC INC.		
CHECKED Val Jakovlev		9/9/2013			
REV	TITLE		KIT, COMPRESSOR, 24V, PS, FK40/ 4xFC, '13		
0A	DATE				
	DRAWN James Stewart				
	CHECKED Ron Ingram				
	APPROVED				
	DATE Date Mason		9/9/2013		
UNSPECIFIED TOLERANCES:			THIRD ANGLE PROJECTION		
ONE DECIMAL PLACE (X.1)					
TWO DECIMAL PLACE (X.00)					
THREE DECIMAL PLACE (X.000)					
FRACTIONAL (1/32")					
ANGULAR (1/2°)					
DRAWING UNIT OF MEASURE:					
MM (INCH)					
SCALE:					
1:3					
SHEET					
1 OF 1					



ISOMETRIC VIEW

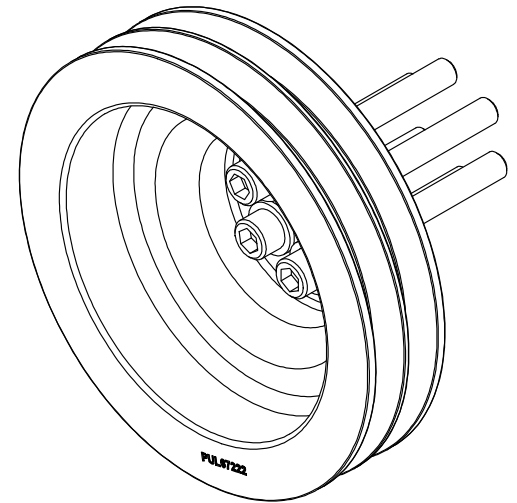
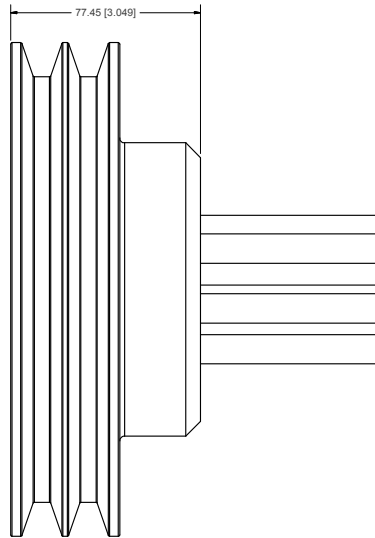
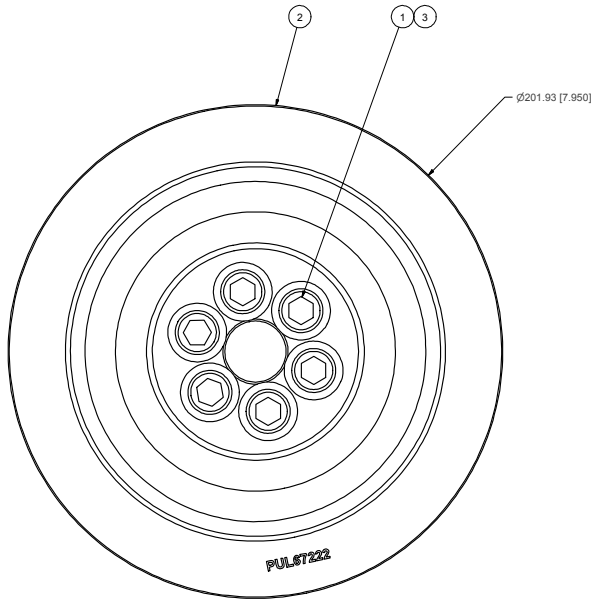
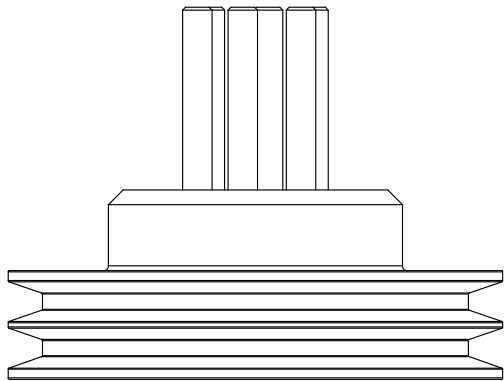
8	4	EACH	WLP07000	WASHER, LOCK, 7/16", 5, PLT
7	4	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
6	4	EACH	WFN07000	WASHER, FLAT, 7/16", 2, PLT
5	4	EACH	WFA12000	WASHER, FLAT, 12mm, 8.8, PLT
4	4	EACH	NTP07000	NUT, HEX, 7/16-14UNC, 5, PLT
3	4	EACH	BTC12060	BOLT, HEX, 12 x 1.75 x 60mm, 10.9, PLT
2	1	EACH	BMN80031	BKT, MAIN, SLIDE, ASSY, 05K, IC, RE300
1	1	EACH	BMC83131	BKT, WELDM'T, 4xFCY W/ALT, P-S, HDX, '13
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

BILL OF MATERIALS

DRAWN	jrodriguez	9/5/2013	TRANSARCTIC INC.	
CHECKED	Val Jakowlew	9/5/2013		
QA	James Stewart	9/5/2013		
MFG	Ron Ingram	9/5/2013		
APPROVED	Dale Mason	9/5/2013	TITLE	
			KIT, PLATFORM, PS, 4xFCY/ FK40, W/ ALT, '13	
SIZE		C	DWG NO	REV
			KBT84094	A
SCALE		1:2	SHEET 1 OF 1	

REV	ECN	DESCRIPTION	DATE	BY
A		RELEASED TO PROTOTYPE	9/5/2013	JRR
THIS DRAWING CONTAINS PROPRIETARY CONFIDENTIAL INFORMATION OWNED BY TRANSARCTIC CANADA INC.. THE DOCUMENT AND THE INFORMATION IN IT ARE NOT TO BE USED, DISCLOSED OR REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF THE COMPANY.				
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				
DRAWING UNIT OF MEASURE: MM [INCH]				

- 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: 18.22 LBS.



ISOMETRIC VIEW

NOTES:

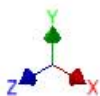
- 1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE **ALL** BOLTS TO S.A.E. SPECIFICATIONS.
- 2) SEE "TRANSARC TIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".
- 3) WEIGHT: 13.24 LB

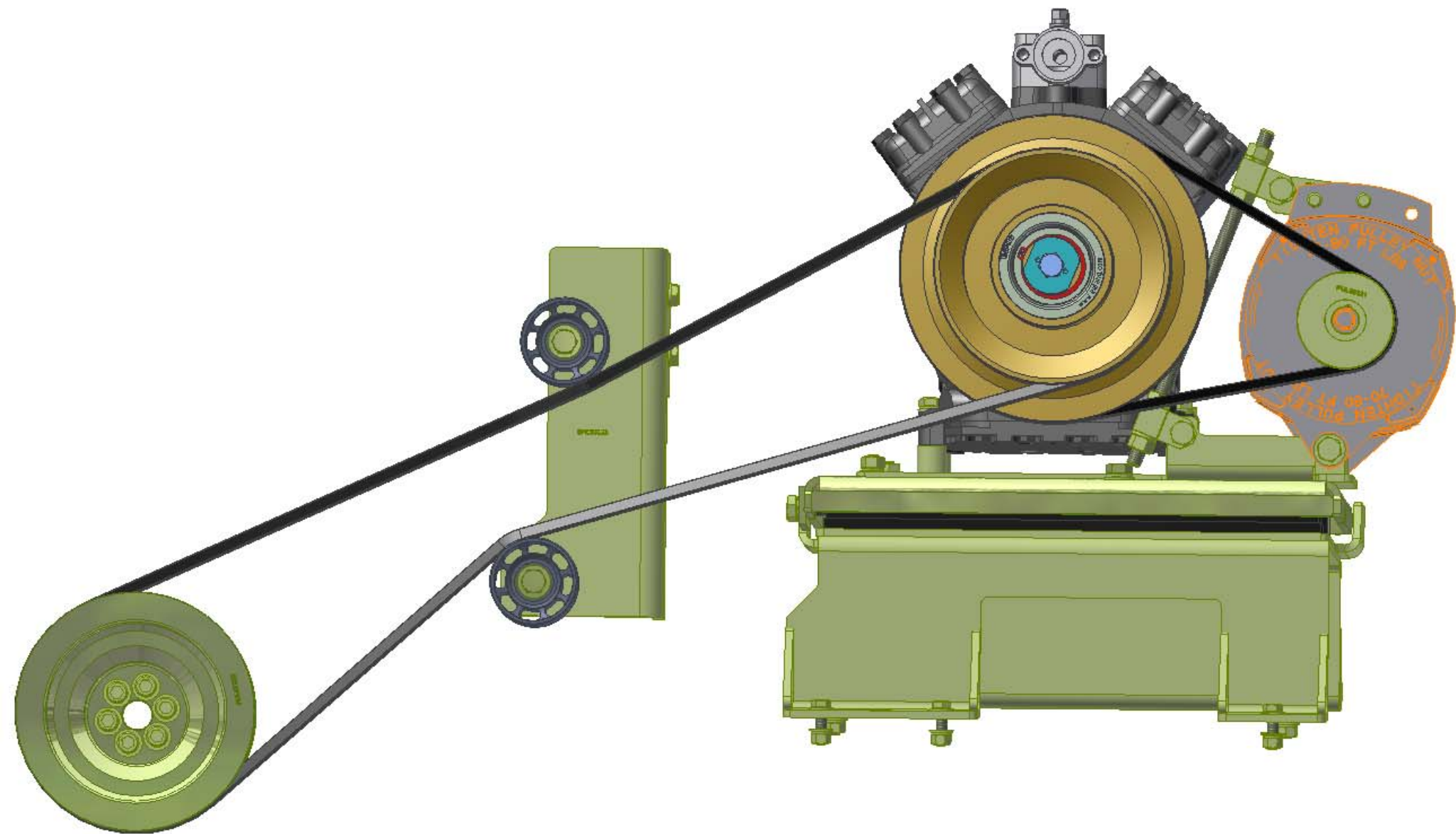
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
3	6	EACH	WFS12002	WASHER, FLAT, HDN, 12mm, STL, BLK
2	1	EACH	PUL67222	PULLEY, CRANK, ADD-ON, ISB, 6.7L, 28/X, '07
1	6	EACH	CSS12090	CAPSCREW, SH, 12 x 1.25 x 90mm, 12.9, PLT

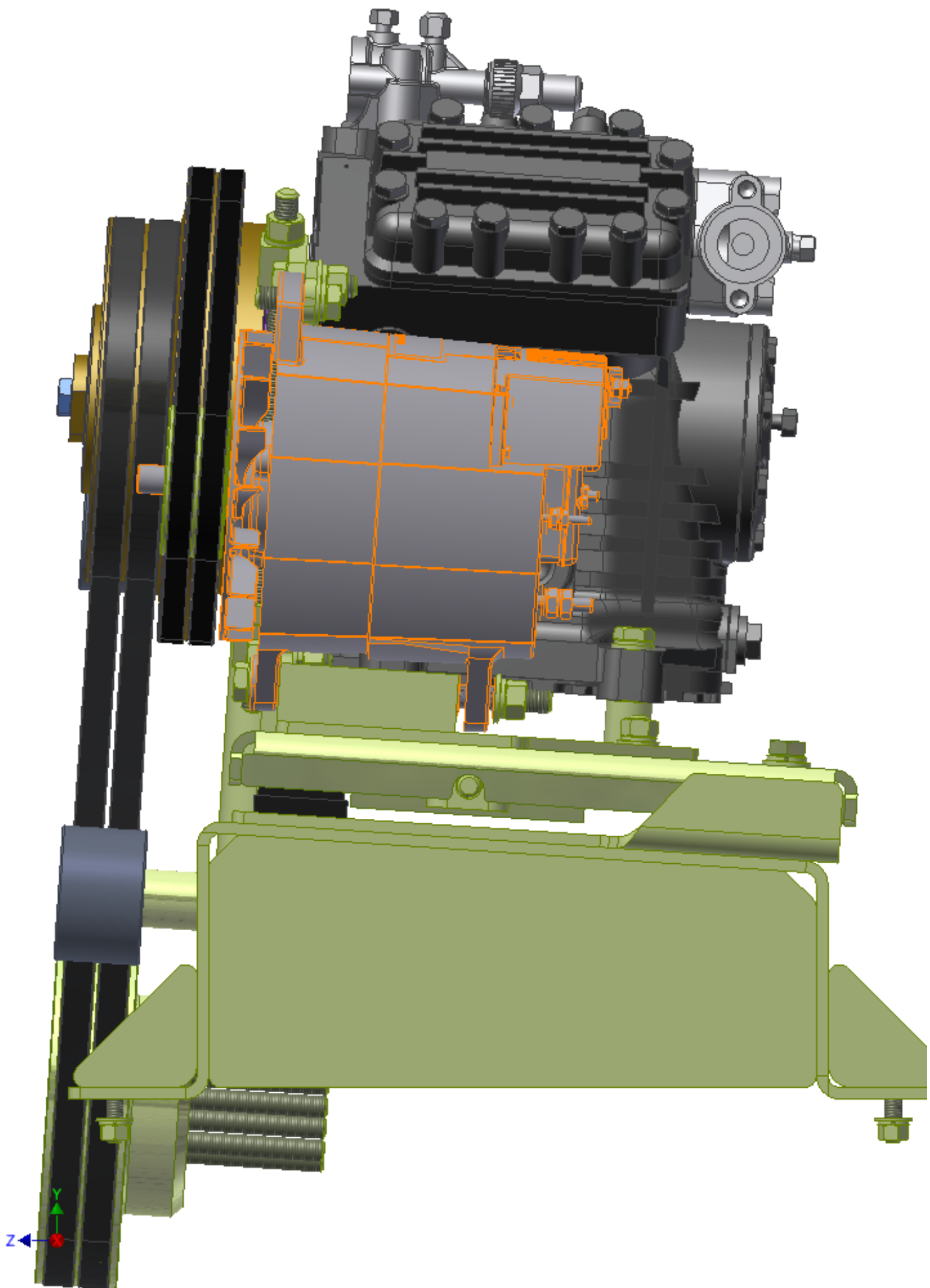
BILL OF MATERIALS

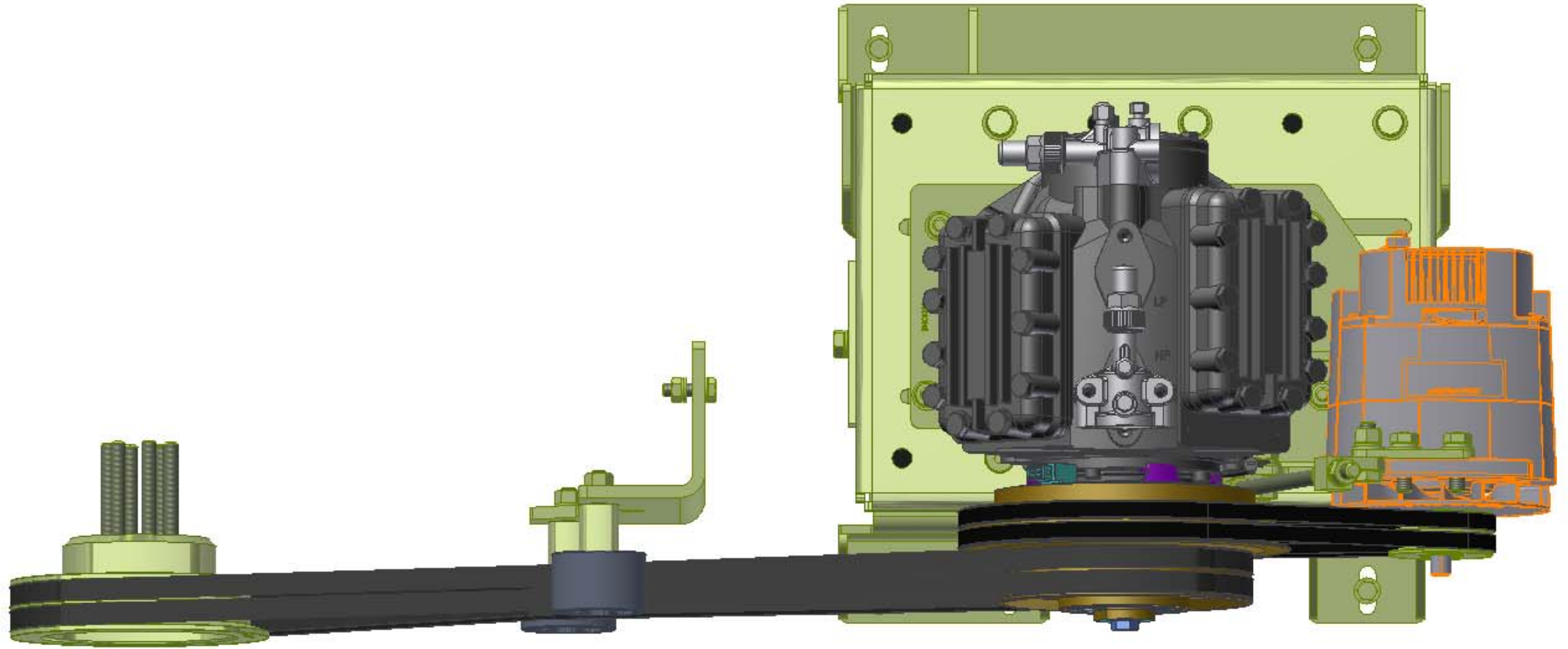
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CHECKED	James Stewart	10/21/2008	DATE	10/21/2008
BY	James Stewart	10/21/2008	DATE	10/21/2008
APPROVED	Ron Ingram	10/21/2008	DATE	10/21/2008
DATE	Dale Mason	10/21/2008	DATE	10/21/2008
SIZE	D	DWG NO	KPC64161	REV 0
SCALE	1:1	DRAWING UNIT OF MEASURE	MM (INCH)	SHEET 1 OF 1

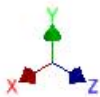
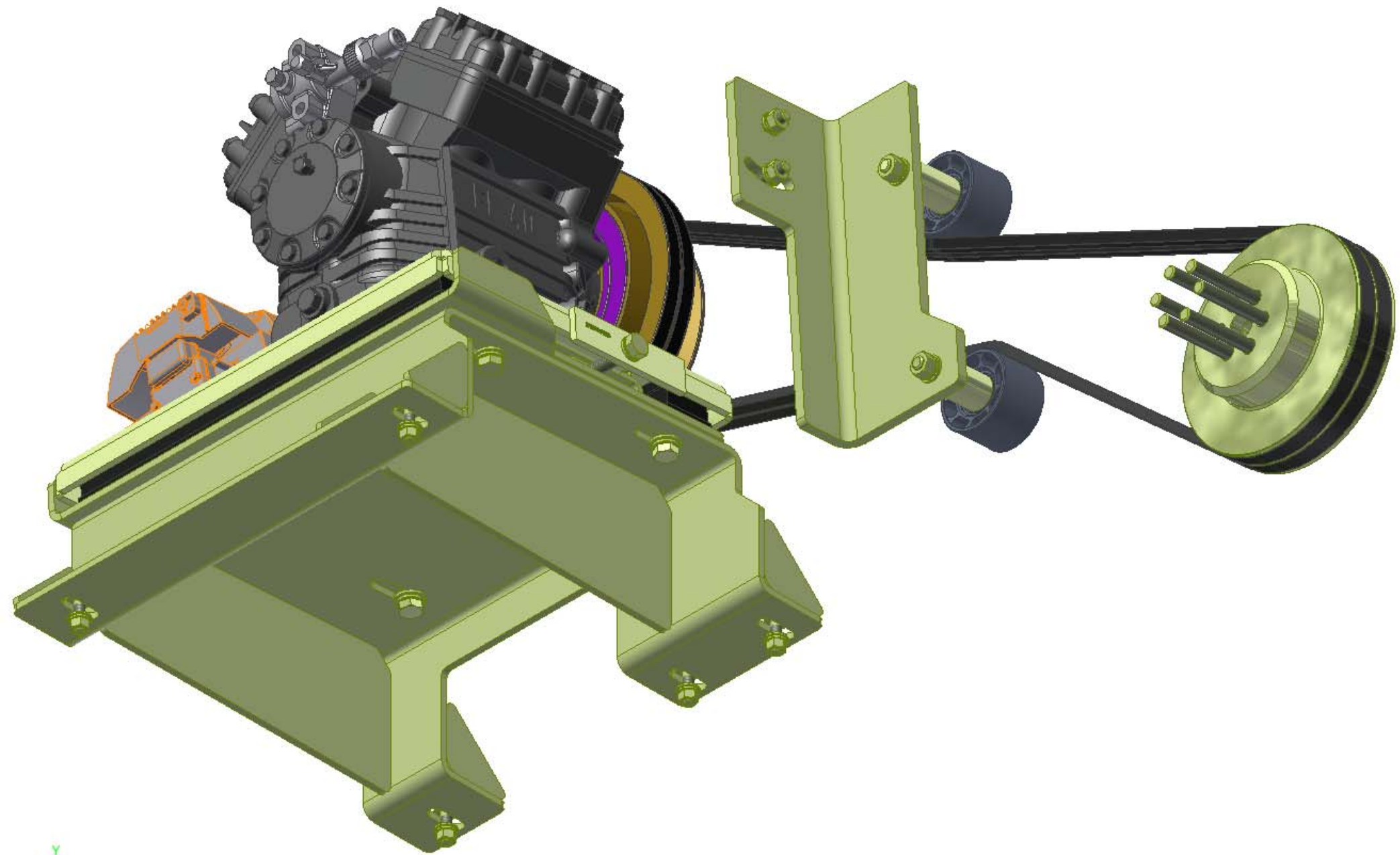
8	RELEASED TO PRODUCTION	10/21/2008	DATE	10/21/2008
REV	ECN	DESCRIPTION	DATE	BY
1	1	THIS DRAWING CONTAINS PROPRIETARY CONFIDENTIAL INFORMATION OWNED BY TRANSARC TIC CANADA INC. THE DOCUMENT AND THE INFORMATION IN IT ARE NOT TO BE USED, DISCLOSED OR REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF THE COMPANY.	10/21/2008	James Stewart
UNSPECIFIED TOLERANCES:	(UNT UNL)	PROF	DATE	10/21/2008
ONE DECIMAL PLACE (1X)	1X	DATE	10/21/2008	James Stewart
THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION	DATE	10/21/2008	James Stewart











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