

# Bill of Materials Listing

TransArctic Canada Inc.

7/6/2017  
Page 1 of 1

Product Number	Description	Date	Weight	Uof M	Yield
Line    Component    Prod#	Description	Bin                    Unit	Qty		
<b>KMC93995</b>	<b>Mt Kit, ISL-D, HDX, 4xFC, '16</b>		<b>4/24/2017</b>	<b>147.49</b>	<b>0</b>
10	BEL32389		Belt, Banded B gr, 2388mm (94")	each	1
20	BMC83125		Bkt, Weldm't, Adapter PI, ISL, HDX, '13	each	1
30	BMC90012		Bkt, Weldm't, Main Base, HDX, '16'	each	1
40	BMC90022		Bkt, Main, Idler, Weldm't, ISL, HDX, '16	each	1
50	KCB83994		Kit, Compressor, PS, 4xFC, '13	each	1
60	KPC89022		Kit, Pulley, ISL, 8.9L, 2B/X,'13	each	1
70	PUA05001		Pulley, Assy, Idler, B/S, 5", Stl, Plt	each	1
80	PUA05012		Pulley, Assy, Idler,B/BX gr,5", STL,Plt	each	1
90	SCD16012		Spacer, Col, Drl,16 mm x 34.9o x 12.3i	each	1
100	SCD21912		Spacer, Col, Drl,21.9mm x 25.4o x 12.3i	each	1
110	SLV17012		Sleeve, Pulley, 16.9o x 22.23mm x 12.32i	each	2
120	KBC94195		Bag Kit, Fasteners,KMC94195 & Others.	each	1

# Bill of Materials Listing

TransArctic Canada Inc.

6/23/2017  
Page 1 of 1

Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
<b>KBC94195</b>		<b>Bag Kit, Fasteners,KMC94195 &amp; Others.</b>		<b>6/1/2016</b>	<b>2.36</b>		<b>0</b>
10	BTC10045	Bolt, Hex, 10 x 1.5 x 45mm, 10.9, Plt,FT		each	3		
20	BTC12080	Bolt, Hex, 12 x 1.75 x 80mm, 10.9,Plt,FT		each	2		
30	BTQ06175	Bolt, Hex, 3/8-16unc, 1.75", 8, Plt		each	5		
40	BTQ08125	Bolt, Hex, 1/2-13unc, 1.25", 8, Plt		each	2		
50	BTQ08151	Bolt, Hex, 1/2-20unf, 1.5", 8, Plt		each	2		
55	CSF08101	Capscrew, FH, 1/2-20unf x 1.0",Alloy,Plt		each	4		
60	NTA10000	Nut, Hex, 10 x 1.5, 8.8, Plt		each	3		
70	NTA12000	Nut, Hex, 12 x 1.75, 8.8, Plt		each	2		
80	NTQ06000	Nut, Hex, 3/8-16unc, 8, Plt		each	5		
90	WFA10002	Washer, Flat, 10mm, Hvy, 8.8, Plt		each	6		
100	WFA12002	Washer, Flat, 12mm, Hvy, 8.8, Plt		each	2		
110	WFS08000	Washer, Flat, 1/2", 8, Plt		each	4		
120	WFS06002	Washer, Flat, 3/8", L9, Plt		each	10		
130	WLA10000	Washer, Lock, 10mm, 8.8, Plt		each	3		
140	WLA12000	Washer, Lock, 12mm, 8.8, Plt		each	2		
150	WLQ06000	Washer, Lock, 3/8", 8, Plt		each	5		
160	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	4		

# Bill of Materials Listing

TransArctic Canada Inc.

7/6/2017  
Page 1 of 1

Product Number	Description	Date	Weight	Uof M	Yield
Line    Component    Prod#	Description	Bin                    Unit	Qty		
<b>KCB83994</b>	<b>Kit, Compressor, PS, 4xFC, '13</b>		<b>11/14/2013</b>	<b>54.71</b>	<b>0</b>
10	BMN80008		Vibration Isolator, Bar,16.50 x 2 x 1.50	each	2
20	BMN80025		Bkt, Back, PL, Slide, IC, RE300	each	1
30	BMZ00043		Bkt, Main, Base Pl, '13	each	1
40	KBT83990		Kit, Platform, 4xFCY, '12	each	1
50	KBZ83994		Bag Kit, Fasteners, KCB83994	each	1

# Bill of Materials Listing

TransArctic Canada Inc.

4/26/2017  
Page 1 of 1

Product Number	Description	Date	Weight	Uof M	Yield
Line    Component    Prod#	Description	Bin                    Unit	Qty		
<b>KBZ83994</b>	<b>Bag Kit, Fasteners, KCB83994</b>		<b>11/14/2013</b>	<b>1.06</b>	<b>0</b>
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 CSF08076	Capscrew, FH, 1/2-20unf x .75", Alloy, Plt	each	2		
40 WFQ08000	Washer, Flat, 1/2", 8, Plt	each	4		
50 WLQ08000	Washer, Lock, 1/2", 8, Plt	each	5		

# Bill of Materials Listing

TransArctic Canada Inc.

4/26/2017

Page 1 of 1

Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component	Prod#	Description	Unit	Qty		
<b>KBT83990</b>		<b>Kit, Platform, 4xFCY, '12</b>		<b>2/17/2009</b>	<b>15.25</b>		<b>0</b>
10	BMN80031		Bkt, Main, Slide, Assy, 05K, IC, RE300	each	1		
20	BMZ00036		Bkt, Adaptor, Weld't, 4xFCY	each	1		
30	KBZ00010		Bag Kit, Fasteners, KBT84094/83990	each	1		

# Bill of Materials Listing

TransArctic Canada Inc.

4/26/2017  
Page 1 of 1

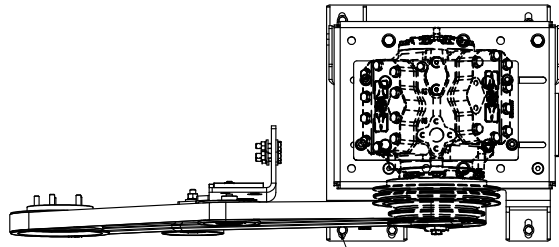
Product Number	Description	Date	Weight	Uof M	Yield
Line    Component    Prod#	Description	Bin            Unit	Qty		
<b>KBZ00010</b>	<b>Bag Kit, Fasteners, KBT84094/83990</b>		<b>11/6/2013</b>	<b>1.23</b>	<b>0</b>
10	BTC12040		Bolt, Hex, 12 x 1.75 x 40mm, 10.9,Plt,FT	each	4
15	BTC12060		Bolt, Hex, 12 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	8
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

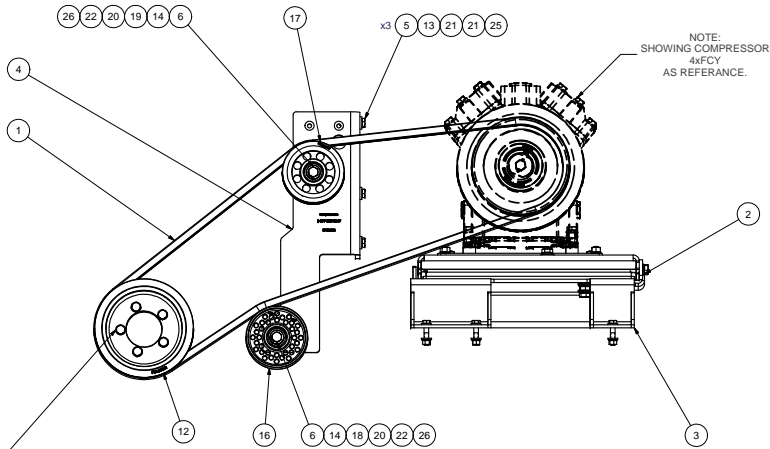
TransArctic Canada Inc.

6/17/2016  
Page 1 of 1

Product Number	Description	Date	Weight	Uof M	Yield
Line    Component    Prod#	Description	Bin                    Unit	Qty		
<b>KPC89022</b>	<b>Kit, Pulley, ISL, 8.9L, 2B/X,'13</b>		<b>10/15/2013</b>	<b>11.51</b>	<b>0</b>
10	PUL89022		Pulley, Crank, ISL, 8.9L, 2B/X, 8", '13	each	1
20	BTC10050		Bolt, Hex, 10 x 1.5 x 50mm, 10.9, Plt	each	5
30	WFA10000		Washer, Flat, 10mm, 8.8, Plt	each	5

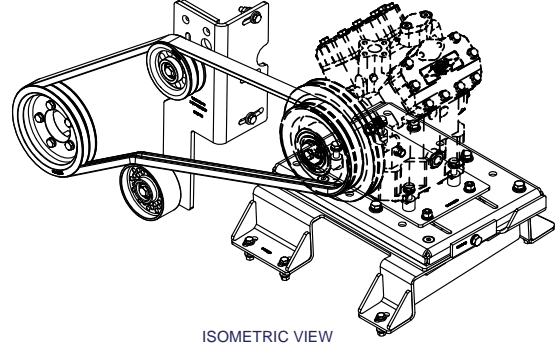
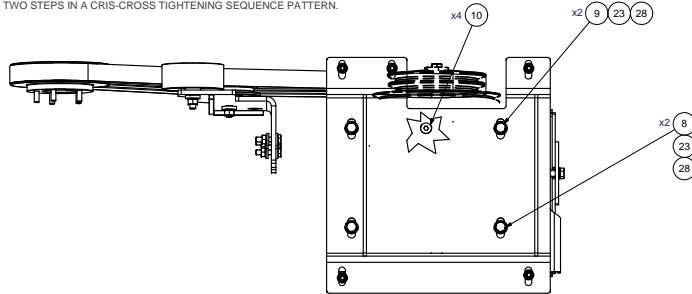


x5 7 15 24 27

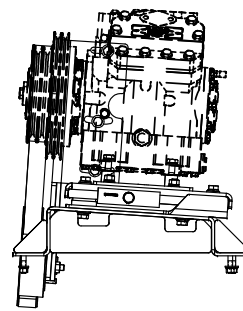


NOTE:  
SHOWING COMPRESSOR  
4xFCY  
AS REFERENCE.

NOTE:  
TORQUE TO: 48 FT-LB PLAIN & LUBRICATED W/ CLEAN ENGINE OIL (15W-40)  
(HEXBOLT CAPSCREW M10 x 1.5 x 50mm)  
TIGHTEN IN TWO STEPS IN A CRIS-CROSS TIGHTENING SEQUENCE PATTERN.



ISOMETRIC VIEW



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

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
28	4	EACH	WL008000	WASHER, LOCK, 1/2", 8, PLT
27	5	EACH	WL006000	WASHER, LOCK, 3/8", 8, PLT
26	2	EACH	WL120000	WASHER, LOCK, 12mm, 8.8, PLT
25	3	EACH	WL100000	WASHER, LOCK, 10mm, 8.8, PLT
24	10	EACH	WFS060002	WASHER, FLAT, 3/8", L9, PLT
23	4	EACH	WFO08000	WASHER, FLAT, 1/2", 8, PLT
22	2	EACH	WFA12002	WASHER, FLAT, 12mm, HVY, 8.8, PLT
21	6	EACH	WFA10002	WASHER, FLAT, 10mm, HVY, 8.8, PLT
20	2	EACH	SLV17012	SLEEVE, PULLEY, 16.90 x 22.23 mm x12.19
19	1	EACH	SCD21912	SPACER, COL, DRL, 21.9mm x 31.80 x12.31
18	1	EACH	SCD16012	SPACER, COL, DRL, 16 mm x 31.80 x 12.01
17	1	EACH	PUA05012	PULLEY, ASSY, IDLER, B/BX gr, 5" STL, PLT
16	1	EACH	PUA05001	PULLEY, ASSY, IDLER, B/S, 5", STL, PLT
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	3	EACH	NTA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
12	1	EACH	KPC89022	KIT, PULLEY, ISL, 8.9L, 2B/X, '13
11	1	EACH	KCB83994	KIT, COMPRESSOR, PS, 4xFC, '13
10	4	EACH	CSF08101	CAPSCREW, FH, 1/2-20UNF x 1", 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	BTQ06175	BOLT, HEX, 3/8-16UNC, 1.75", 8, PLT
6	2	EACH	BTC12080	BOLT, HEX, 12 x 1.75 x 80mm, 10.9, PLT
5	3	EACH	BTC10045	BOLT, HEX, 10 x 1.5 x 45mm, 10.9, PLT
4	1	EACH	BMC90022	BKT, MAIN, IDLER, WELDMT, ISL, HDX, '16
3	1	EACH	BMC90012	BKT, WELDMT, MAIN BASE, HDX, '16
2	1	EACH	BMC33125	BKT, WELDMT, ADAPTER PL, ISL, HDX, '13
1	1	EACH	BEL32359	BELT, BANDED B GR, 2388mm (94)

TRANSARTIC INC.

BROWN	4/24/2017		
Checked	4/24/2017	Jose Rodriguez	
Released to Production	4/24/2017	James Stewart	
Approved	4/24/2017	Dale Mason	

DESCRIPTION:	DATE:	BY:	TITLE
RELEASED TO PRODUCTION	4/24/2017	JRS	GA
		James Stewart	MFG
		Dale Mason	APPROVED

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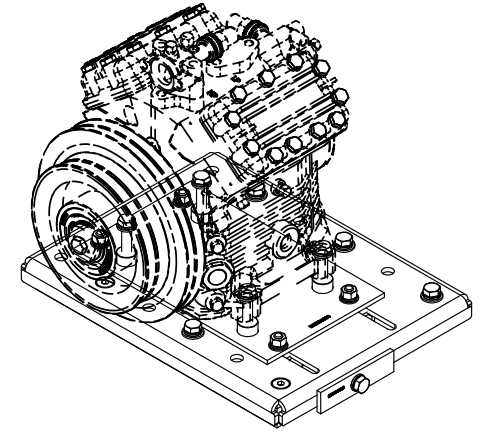
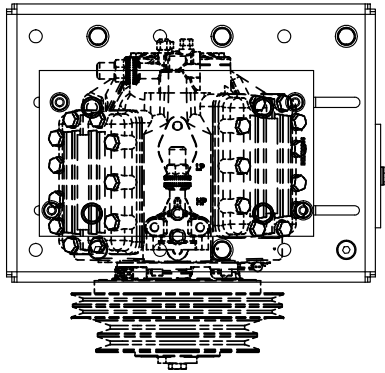
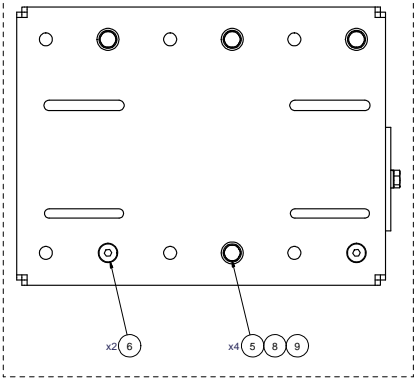
UNSPECIFIED TOLERANCES:	MM (INCH)	THIRD ANGLE PROJECTION
ONE DECIMAL PLACE (X1)	0.1 (0.004)	THIRD ANGLE PROJECTION
TWO DECIMAL PLACE (X2)	0.05 (0.002)	
THREE DECIMAL PLACE (X3)	0.025 (0.001)	
FRACTIONAL (1/16")	0.0625 (0.0025)	

DRAWING UNIT OF MEASURE:	MM (INCH)
SCALE:	1:5
DWG NO:	KMC93995
REV:	0
SHEET:	1 OF 1



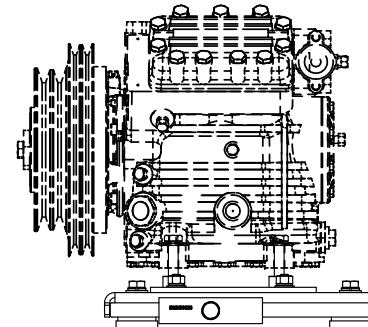
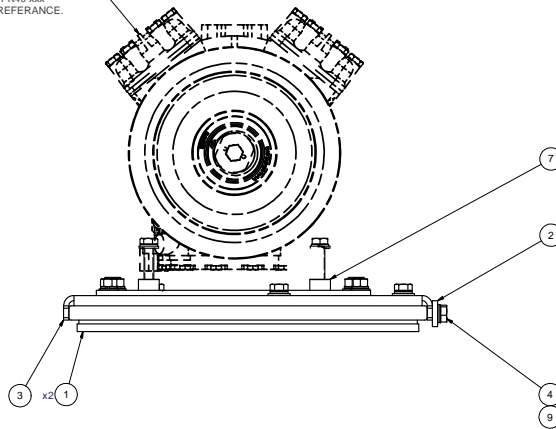
**TOP VIEW**

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 "TRANSARGTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".
- 3) WEIGHT: 50.93 LBS.

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
9	5	EACH	WLO08000	WASHER, LOCK, 1/2", 8, PLT
8	4	EACH	WFO08000	WASHER, FLAT, 1/2", 8, PLT
7	1	EACH	KBT83990	MT KIT, TRANSIT, 4xFCY, '12
6	2	EACH	CSF08076	CAPSCREW, FH, 1/2-20UNF x .75", ALLOY, PLT
5	4	EACH	BTQ08101	BOLT, HEX, 1/2-20UNF x 1.00, 8, PLT
4	1	EACH	BTP08653	BOLT, HEX, 1/2-13UNC x 6.50, 5, PLT, FT
3	1	EACH	BMZ00043	BKT, MAIN, BASE PL, '13
2	1	EACH	BMN80025	BKT, BACK, PL, SLIDE, IC, RE300
1	2	EACH	BMN80008	VIBRATION ISOLATOR, BAR, 1x.50 x 2 x 1.50

**BILL OF MATERIALS**

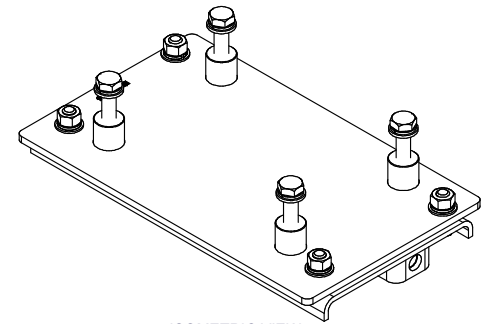
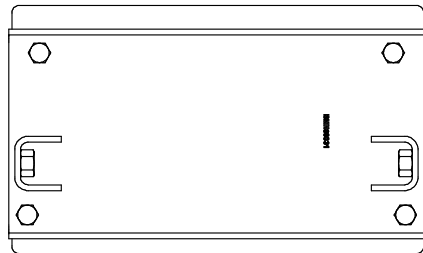
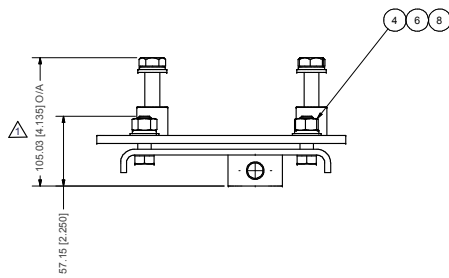
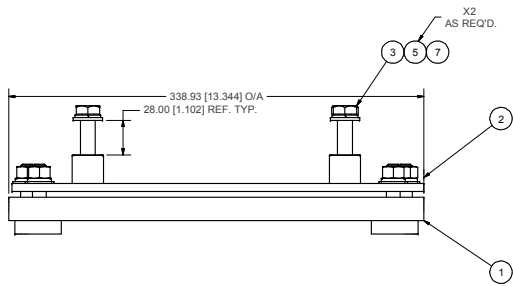
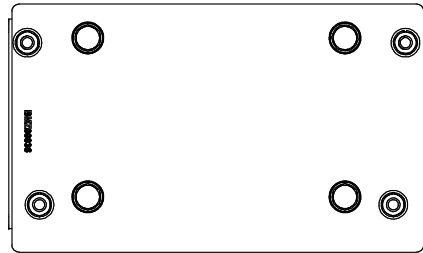
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CHECKED	Jose Rodriguez	03/03/15
REVISION	DESCRIPTION	DATE
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2	BY: James Stewart	03/03/15
3	BY: James Stewart	03/03/15
4	APPROVED	03/03/15
5	DATE: Dale Mason	03/03/15

**TRANSARGTIC INC.**  
TITLE  
**KIT, COMPRESSOR, 12V, PS, FK40/  
4xFC, '13**

UNSPECIFIED TOLERANCES:	ALL DIMS	±.005
ONE DECIMAL PLACE DIMS	±.010	±.005
TWO DECIMAL PLACE DIMS	±.005	±.002
THREE DECIMAL PLACE DIMS	±.002	±.001
FRACTIONAL DIMS	±.005	±.001



DRAWING UNIT OF MEASURE	MM (INCH)
SCALE	1:3
DWG NO	KCB83994
REV	0



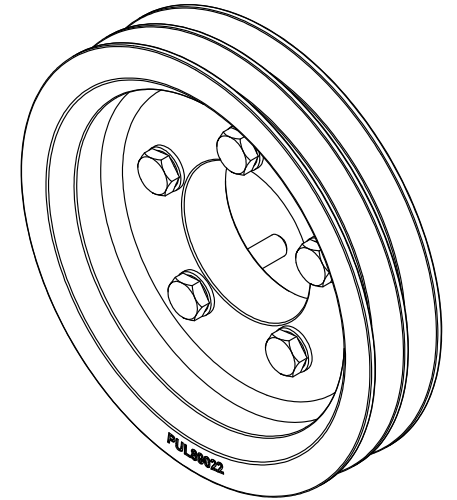
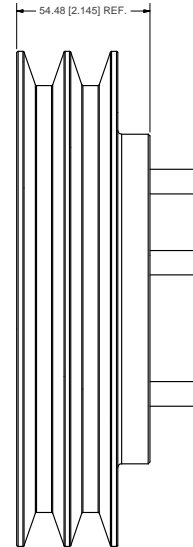
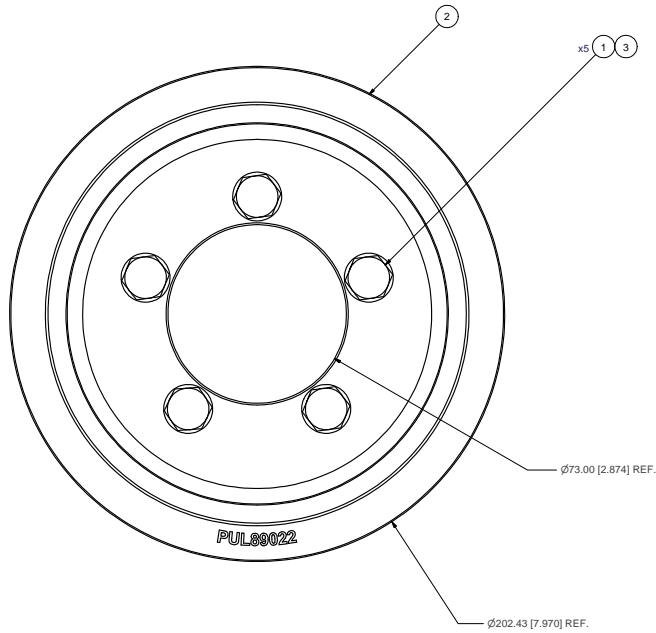
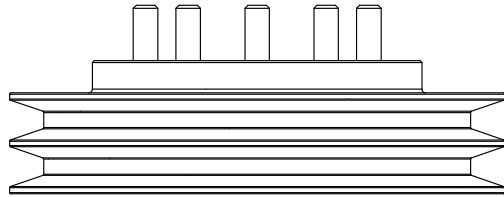
ISOMETRIC VIEW

**NOTES:**  
 1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE **ALL** BOLTS TO S.A.E. SPECIFICATIONS.  
 2) SEE "TRANSARTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".  
 3) WEIGHT: 15.17 LBS.

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
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	8	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	BM200036	BKT, ADAPTER, WELD'T, 4xFCY
1	1	EACH	BMN80031	BKT, MAIN, SLIDE, ASSY, 05K, IC, RE300

**TRANSARTIC INC.**

BILL OF MATERIALS			
DRAWN	vjakowlew	3/13/2012	TITLE
CHECKED	vjakowlew	3/13/2012	MT KIT, TRANSIT, 4xFCY, '12
REV	ECN	DESCRIPTION	DATE
0		O/A WAS 96.0mm, BOM UPDATED	4/24/2013 JHP
0		RELEASED TO PRODUCTION	3/14/2012 VAL
0			CA
1		DATE	BY
1		3/13/2012	James Stewart
1		3/13/2012	Ron Ingram
1		3/13/2012	Dale Mason
UNDESIGNED TOLERANCES: (ALL DIM) GROUP ONE DECIMAL PLACE (10) 25 USE THIRSDIGITAL PLACE (120) 50 USE FRACTIONAL (1/32) 25 USE ANGULAR (1/32) 25 USE			
DRAWING UNIT OF MEASURE		MM (INCH)	SCALE
DRAWING UNIT OF MEASURE		MM (INCH)	SCALE 1:2
DWG NO		KBT83990	REV 1
SHEET		1	OF 1



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) WT:≈ 11.56 LBS

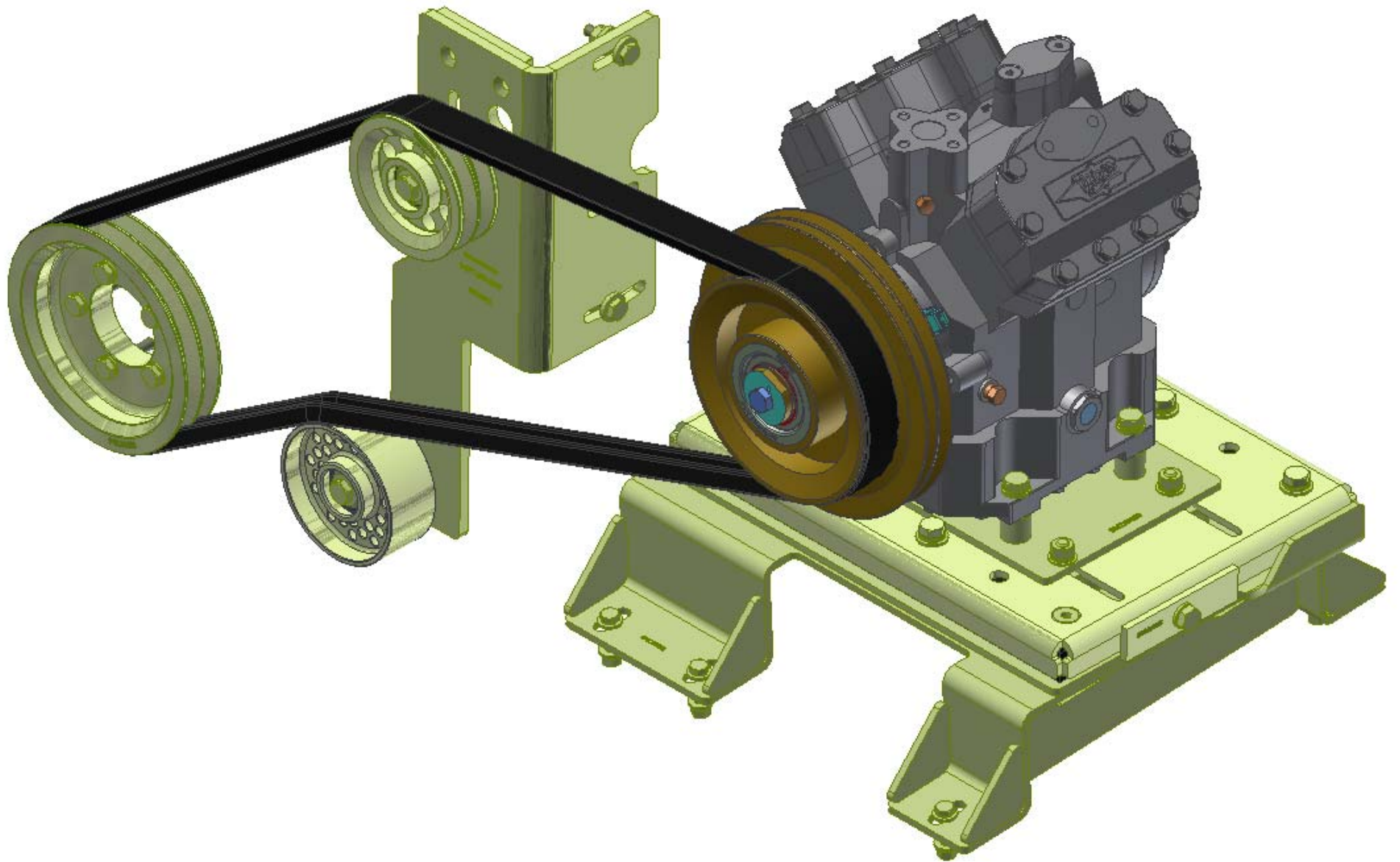
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
3	5	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
2	1	EACH	PUL89022	PULLEY, CRANK, ISL, 8.9L, 2B/X, 8", '13
1	5	EACH	BTCT0050	BOLT, HEX, 10 x 1.5 x 50mm, 10.9, PLT

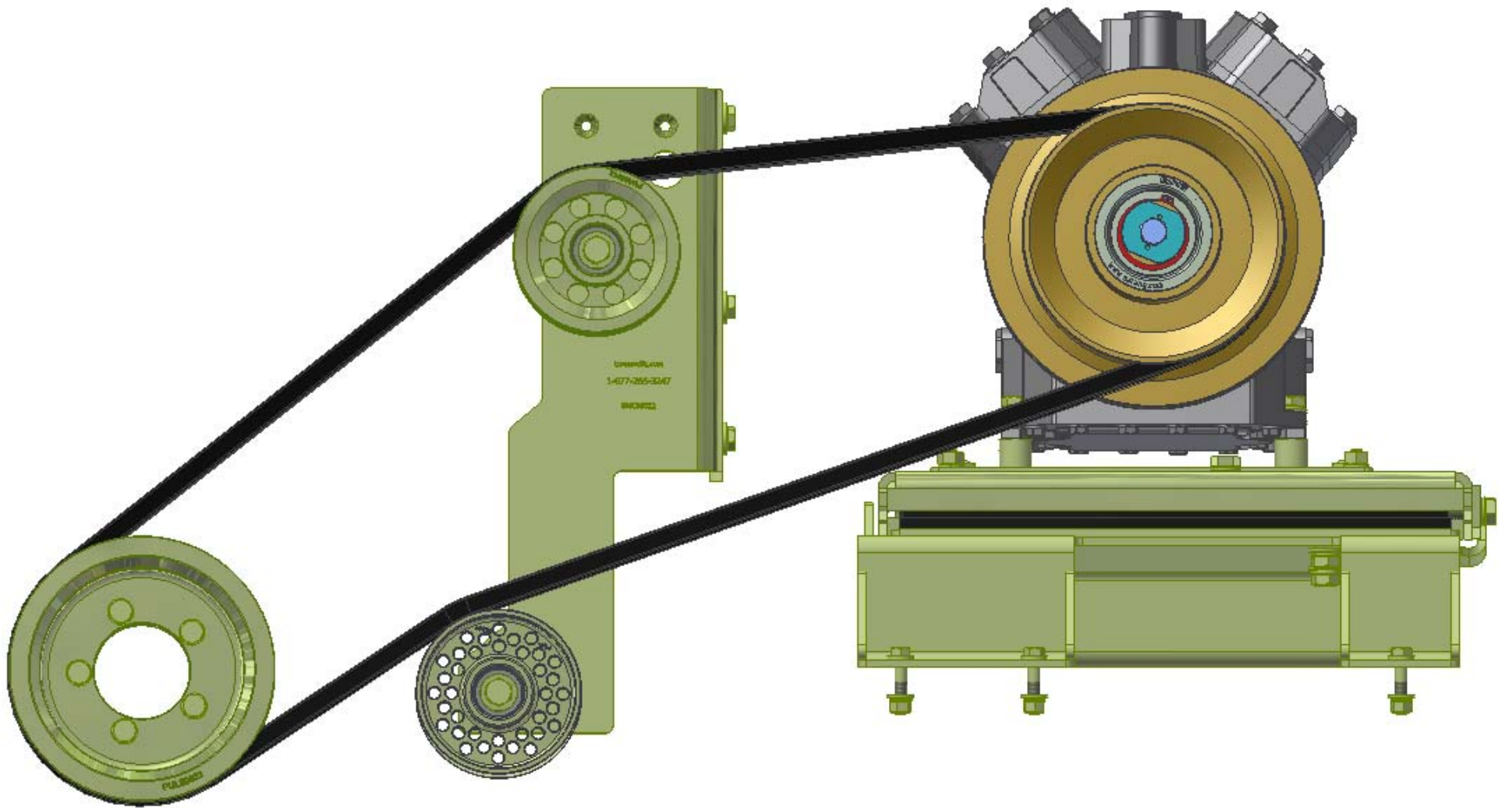
**BILL OF MATERIALS**

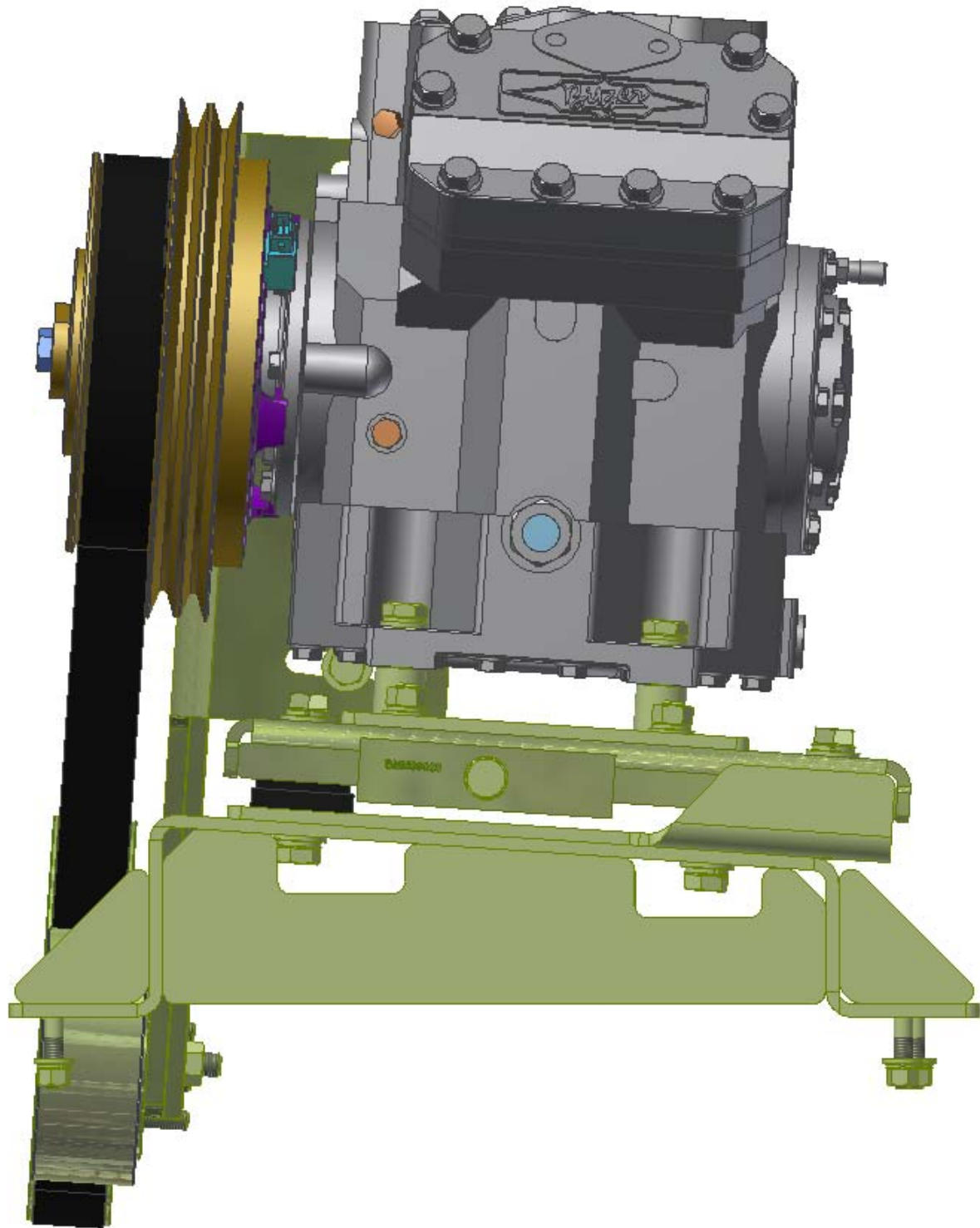
DRAWN	10/15/2013	<b>TRANSARCTIC INC.</b>		
Checked	10/15/2013			
REV	DESCRIPTION	DATE	BY	TITLE
0	RELEASED TO PRODUCTION	10/15/2013	JRB	GA
1		10/15/2013	James Stewart	
2		10/15/2013	Ron Ingram	KIT, PULLEY, ISL, 8.9L, 2B/X, '13
3		10/15/2013	Dale Mason	

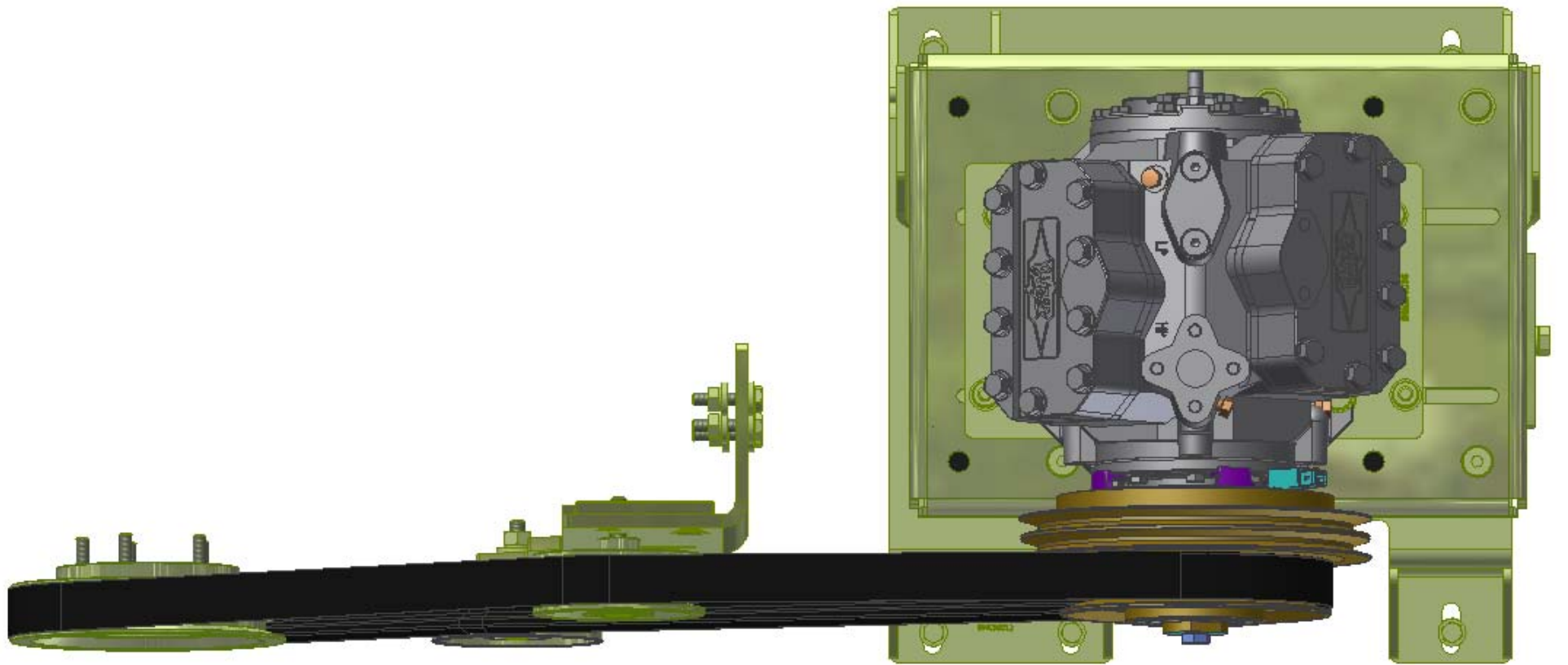
UNSPECIFIED TOLERANCES:		MM (INCH)
ONE DECIMAL PLACE (X.0)	±0.10 (±.004)	THIRD ANGLE PROJECTION
TWO DECIMAL PLACE (X.00)	±0.02 (±.0008)	
THREE DECIMAL PLACE (X.000)	±0.002 (±.00008)	

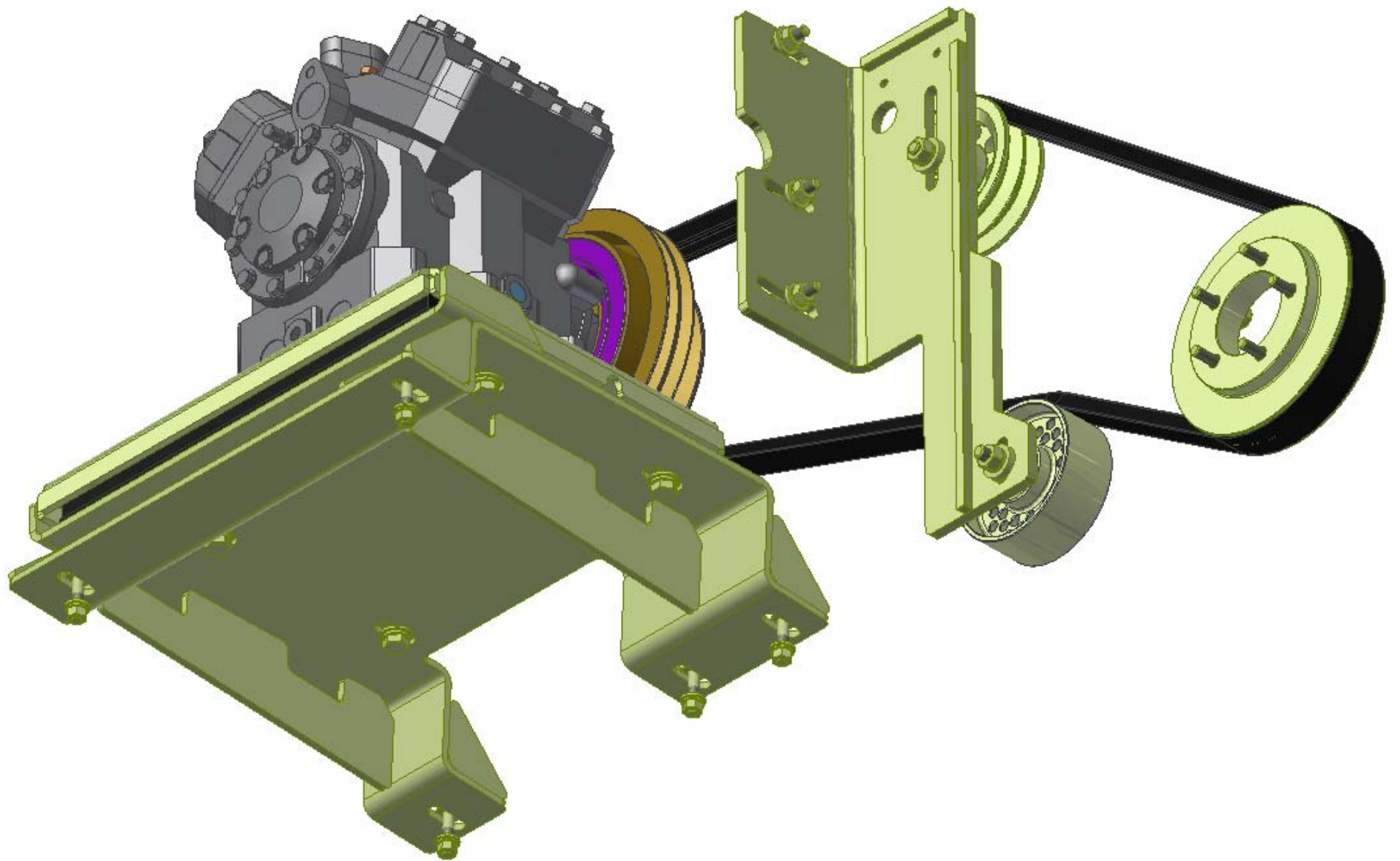
DWG NO	REV
D	0
KPC89022	
SCALE	SHEET 1 OF 1













## **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.**

**Asegure 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**