

Bill of Materials Listing

TransArctic Canada Inc.

11/9/2020
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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KMC96697		4/25/2017	0	Mt Kit, ISL, HDX, TM-55/65, ALT, '17			1188.51
5	1	PAC39131		Pack, Carton, 39" x 13" x 16.25", 51 BC		each	
10	1	BEL32286		Belt, Banded B gr,2286mm (90")		each	
20	1	BMC90017	2	Bkt, Found'n, TH HDX, 4xFC/ 4K40, '16		each	
30	1	BMC90022	0	Bkt, Main, Idler, Weldm't, ISL, HDX, '16		each	
35	1	BMZ00074	0	Bkt, Adapter, P/S, 4xFC To TM-55/65		each	
40	1	BMZ01059	0	Bkt, Slide, Block, TH, HDX, '12		each	
45	1	KAC65501	1	Kit, Alternator, TM-65, Curb Side, '13		each	
50	1	KBB00002	0	Kit, PS, Platform, Transit, ADM, '20		each	
60	1	KPC89022	0	Kit, Pulley, ISL, 8.9L, 2B/X,'13		each	
70	1	PUA05001	0	Pulley, Assy, Idler, B/S, 5", Stl, Plt		each	
80	1	PUA05012	0	Pulley, Assy, Idler,B/BX gr,5", STL,Plt		each	
90	1	SCD16012	1	Spacer, Col, Drl,16 mm x 34.9o x 12.3i		each	
100	1	SCD21912	0	Spacer, Col, Drl,21.9mm x 25.4o x 12.3i		each	
110	2	SLV17012	0	Sleeve, Pulley, 16.9o x 22.23mm x 12.32i		each	
120	1	KBC96597	0	Bag Kit, Fasteners, KMC96597 & KMC96697		each	

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Product Number		Description	Rev#	Date	Weight	Uof M	Yield
Line	Component Prod#	Description	Bin	Unit	Qty		
KBC96597		Bag Kit, Fasteners, KMC96597 & KMC96697	0	7/14/2016	2.96		0
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	8		
40	BTQ08200	Bolt, Hex, 1/2-13unc, 2.0", 8, Plt		each	3		
45	CSF08150	Capscrew, FH, 1/2-13 x 1.50", Alloy, Plt		each	1		
47	CSF12036	Capscrew, FH, 12 x 1.75 x 35mm, 10.9,Plt		each	4		
50	NTA10000	Nut, Hex, 10 x 1.5, 8.8, Plt		each	3		
60	NTA12000	Nut, Hex, 12 x 1.75, 8.8, Plt		each	2		
70	NTQ06000	Nut, Hex, 3/8-16unc, 8, Plt		each	8		
80	NTQ08000	Nut, Hex, 1/2-13unc, 8, Plt		each	4		
90	WFA10002	Washer, Flat, 10mm, Hvy, 8.8, Plt		each	6		
100	WFA12002	Washer, Flat, 12mm, Hvy, 8.8, Plt		each	2		
110	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	7		
120	WFS06002	Washer, Flat, 3/8", L9, Plt		each	16		
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	8		
160	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	4		

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Product Number		Date	Description			Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Bin	Unit	
KAC65501		8/10/2016		1	Kit, Alternator, TM-65, Curb Side, '13			15.98
10	2	BEL11040			Belt, A gr, 1040mm (41")		each	
20	1	BMC90020		A	Bkt, Alt, Weldm't, Curb Side,TM65/55,'16		each	
30	2	BMT10011		0	Bkt, Tenr, Block, Offset, 3mm		each	
40	1	PUL03321		1	Pulley, ALT, Idler, 3.25"d, 2A		each	
50	1	TRD08080			Threaded, Rod, 1/2-13unc x 8", 5, Plt		each	
60	1	KBA65501		0	Bag Kit, Fasteners, KAC65501		each	

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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBA65501		8/10/2016	0	Bag Kit, Fasteners, KAC65501			1.45
10	4	BTC12035		Bolt, Hex, 12 x 1.75 x 35mm, 10.9,Plt,FT		each	
20	1	BTQ08125		Bolt, Hex, 1/2-13unc, 1.25", 8, Plt		each	
30	1	BTQ08150		Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	
40	1	BTQ08653		Bolt, Hex, 1/2-13unc, 6.5", 8, Plt		each	
50	6	NTQ08000		Nut, Hex, 1/2-13unc, 8, Plt		each	
60	4	WFA12000		Washer, Flat, 12mm, 8.8, Plt		each	
70	3	WFQ08000		Washer, Flat, 1/2", 8, Plt		each	
80	4	WLA12000		Washer, Lock, 12mm, 8.8, Plt		each	
90	4	WLQ08000		Washer, Lock, 1/2", 8, Plt		each	

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Product Number		Description	Rev#	Date	Weight	Uof M	Yield
Line	Component Prod#	Description	Bin	Unit	Qty		
KBB00002		Kit, PS, Platform, Transit, ADM, '20	0	6/20/2012	75.91		0
10	BMZ01034	Bkt, Spring, Support Arm, ADM, '12		each	1		
20	BMZ01035	Bkt, Main, Pivot, Ass'y, ADM Transit, '12		each	1		
30	BMZ01037	Bkt, Fork, Knuckle-Joint, Adm, '12		each	1		
40	BMZ01038	Bkt, Main, Base Pl, ADM, '12		each	1		
50	BMZ01040	Bkt, Ass'y, THRD Rod, Isolator, ADM, '12		each	1		
60	BMZ01041	Shaft Key, 5/16" SQ x .540" Long		each	2		
70	BMZ01042	Vibration Isolator, Bar, 9.63 x 2 x 1.50		each	2		
80	BMZ01044	Bkt, Cradle, Pivot, Adm Transit, '12		each	1		
90	BMZ01047	Bkt, Bar, Slide Nut, ADJ, Trans ADM, '12		each	2		
110	PIS01010	Shaft, Stl, Grease, ADM Transit, '12		each	1		
120	SPR00002	Spring, Comp, R/H, 110 x 50 x 8.4, Red		each	1		
130	WFS16001	Washer, Flat, Dbl Step, 17mm, 50mm, Plt		each	1		
140	WFS27001	Washer, Flat, Dbl Step, 27mm, 63.5, Plt		each	1		
150	KBB00025	Bag Kit, Fasteners, KBB00001		each	1		
160	KBB00026	Bag Kit, Fasteners, Assembly, KBB00001		each	1		

NOTE:

Use Blue "Loctite" on the (4) fasteners to fasten BMZ01034 in place.
1/2 -13 UNC grd. 8 bolts, c/w
L'whrs torque... used on the PIS01010 Shaft = 45 FT*LBS.
(/VTS@ JAN-25-2019)

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Product Number		Description	Rev#	Date	Weight	Uof M	Yield
Line	Component Prod#	Description	Bin	Unit	Qty		
KBB00025		Bag Kit, Fasteners, KBB00001/2	5	8/1/2012	1.61		0
10	BTQ08126	Bolt, Hex, 1/2-20unf, 1.25", 8, Plt		each	6		
20	BTQ08150	Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	1		
30	BTQ10351	Bolt, Hex, 5/8-18unf, 3.5", 8. PLT		each	1		
50	NTQ08000	Nut, Hex, 1/2-13unc, 8, Plt		each	1		
60	NTQ10000	Nut, Hex, 5/8-11unc, 8, Plt		each	2		
65	NTQ10001	Nut, Hex, 5/8-18unf, 8, Plt		each	1		
100	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	8		
110	WFQ10000	Washer, Flat, 5/8", 8, Plt		each	2		
120	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	7		
130	WLQ10000	Washer, Lock, 5/8", 8, Plt		each	2		

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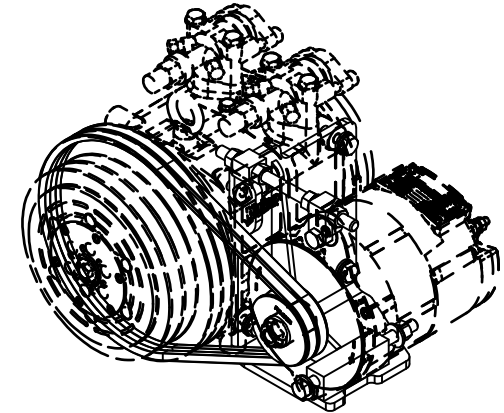
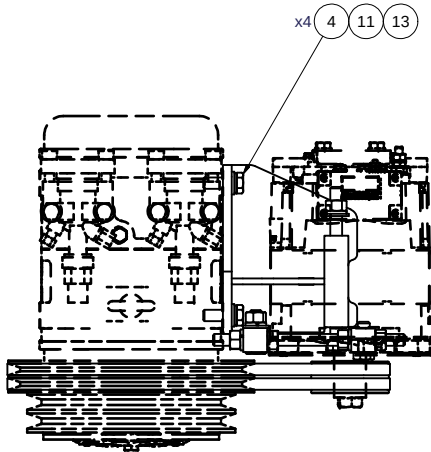
Product Number		Description	Rev#	Date	Weight	Uof M	Yield
Line	Component Prod#	Description	Bin	Unit	Qty		
KBB00026		Bag Kit, Fasteners, Assembly, KBB00001/2	4	8/1/2012	2.48		0
5	BTQ08101	Bolt, Hex, 1/2-20unf, 1.00", 8, Plt		each	6		
15	BTQ08100	Bolt, Hex, 1/2-13unc, 1.00", 8, Plt		each	1		
20	BTQ08150	Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	8		
70	WFS08001	Washer, Flat, 1/2", 8, USS, Plt		each	2		
100	WFQ08000	Washer, Flat, 1/2", 8, Plt		each	6		
120	WLQ08000	Washer, Lock, 1/2", 8, Plt		each	16		
130	NTQ08000	Nut, Hex, 1/2-13unc, 8, Plt		each	4		
140	BTM08100	Bolt, 1/2-13 x 1.0" w/ Grease Nipple FTG		each	1		

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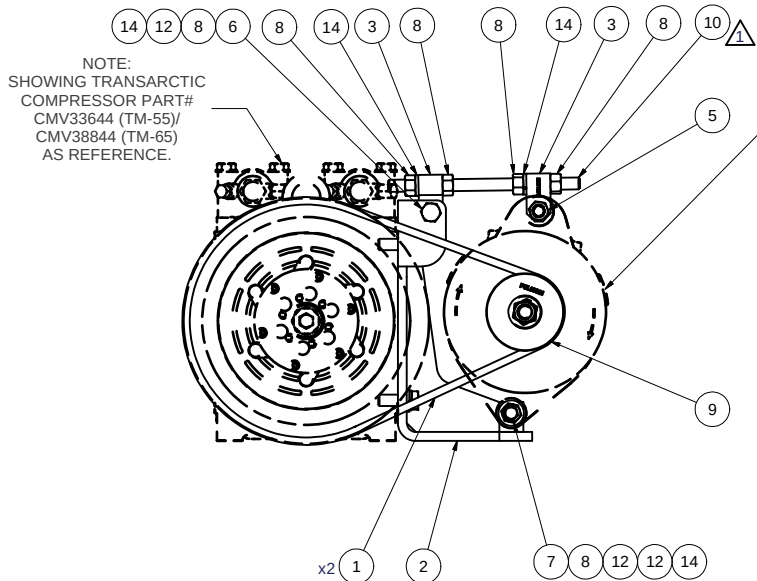
TransArctic Canada Inc.

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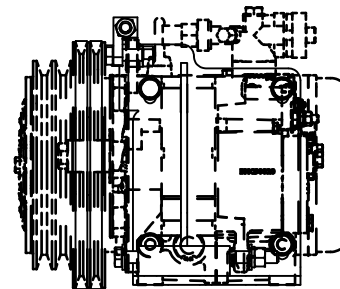
Product Number		Description	Rev#	Date	Weight	Uof M	Yield
Line	Component Prod#	Description	Bin	Unit	Qty		
KPC89022		Kit, Pulley, ISL, 8.9L, 2B/X,'13	0	10/15/2013	11.51		0
10	PUL89022	Pulley, Crank, ISL, 8.9L, 2B/X, 8", '13		each	1		
20	BTC10050	Bolt, Hex, 10 x 1.5 x 50mm, 10.9, Plt		each	5		
30	WFA10000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



ISOMETRIC VIEW



NOTE:
SHOWING ALTERNATOR
AS REFERENCE



NOTES:

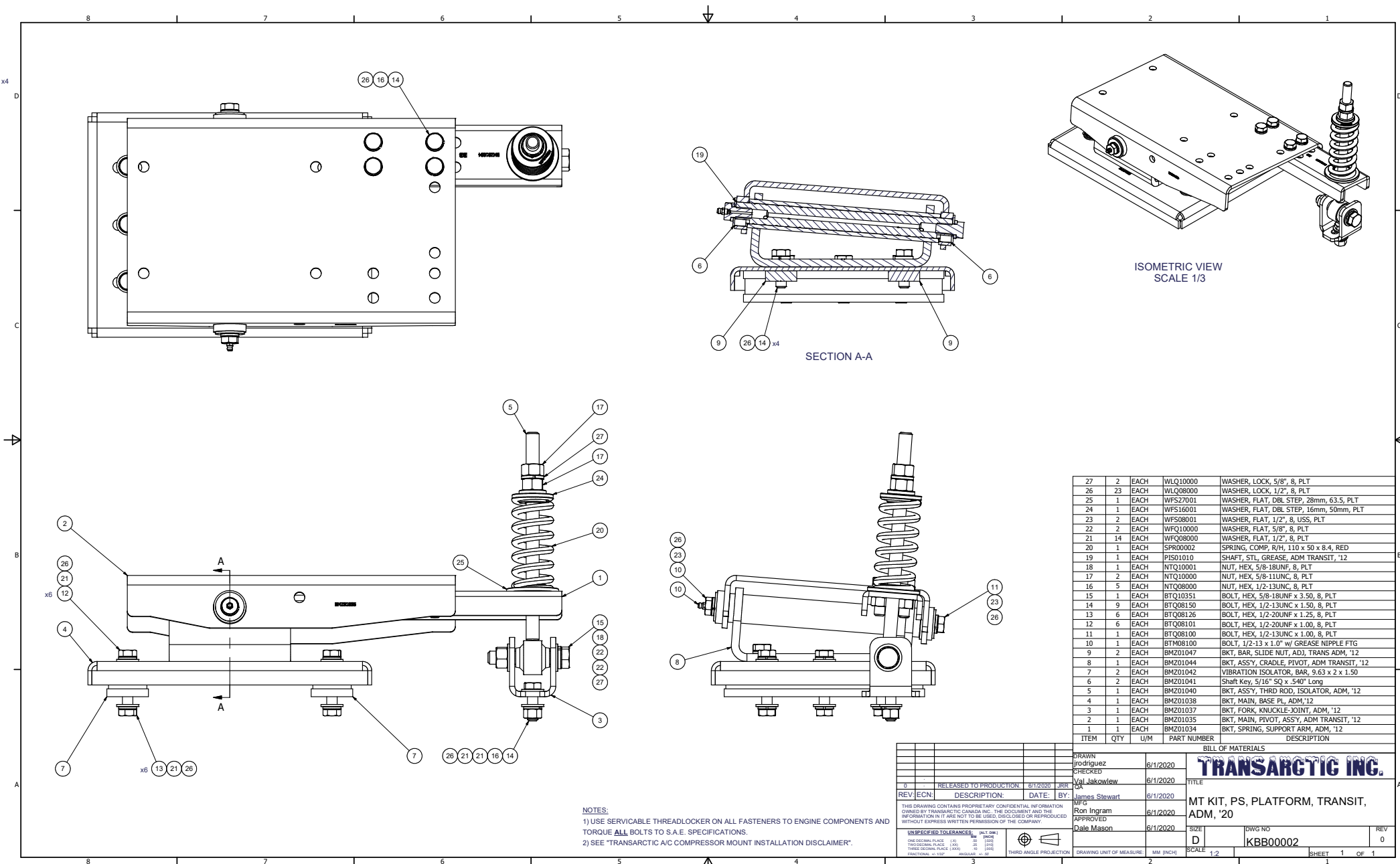
- 1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE **ALL** BOLTS TO S.A.E. SPECIFICATIONS.
- 2) SEE "TRANSARCTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".
- 3) WEIGHT: 18.11 LB

14	4	EACH	WLQ08000	WASHER, LOCK, 1/2", 8, PLT
13	4	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
12	3	EACH	WFO08000	WASHER, FLAT, 1/2", 8, PLT
11	4	EACH	WFA12000	WASHER, FLAT, 12mm, 8.8, PLT
10	1	EACH	TRD08080	THREADED, ROD, 1/2-13UNC x 8", 5 PLT
9	1	EACH	PUL03321	PULLEY, ALT, IDLER, 3.25"o, 2A
8	6	EACH	NTQ08000	NUT, HEX, 1/2-13UNC, 8, PLT
7	1	EACH	BTQ08653	BOLT, HEX, 1/2-13UNC x 6.50, 8, PLT
6	1	EACH	BTQ08150	BOLT, HEX, 1/2-13UNC x 1.50, 8, PLT
5	1	EACH	BTQ08125	BOLT, HEX, 1/2-13UNC x 1.25, 8, PLT
4	4	EACH	BTC12035	BOLT, HEX, 12 x 1.75 x 35mm, 10.9, PLT
3	2	EACH	BMT10011	BKT, TENR, BLOCK, OFFSET, 3mm
2	1	EACH	BMC90020	BKT, ALT, WELDM'T, CURB SIDE, TM-65/55, '16
1	2	EACH	BEL11118	BELT, A gr, 1040mm (41")
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

BILL OF MATERIALS

DRAWN vjakowlew	8/3/2016	TRANSARCTIC INC.
CHECKED Jose Rodriguez	8/3/2016	
QA James Stewart	8/3/2016	
MFG James Stewart	8/3/2016	
APPROVED Dale Mason	8/3/2016	TITLE KIT, ALTERNATOR, TM-55/65, CURB SIDE, '13
		SIZE C
		DWG NO KAC65501
		REV 1
DRAWING UNIT OF MEASURE: MM [INCH]	SCALE 1:4	SHEET 1 OF 1

1	-	WAS TRD08060, NOW TRD08080	10/2/2018	JRR
0	-	RELEASED TO PRODUCTION	8/3/2016	JRR
REV	ECN	DESCRIPTION	DATE	BY
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				



ISOMETRIC VIEW
SCALE 1/3

SECTION A-A

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
27	2	EACH	WLQ10000	WASHER, LOCK, 5/8", 8, PLT
26	23	EACH	WLQ08000	WASHER, LOCK, 1/2", 8, PLT
25	1	EACH	WFS27001	WASHER, FLAT, DBL STEP, 28mm, 63.5, PLT
24	1	EACH	WFS16001	WASHER, FLAT, DBL STEP, 16mm, 50mm, PLT
23	2	EACH	WFS08001	WASHER, FLAT, 1/2", 8, USS, PLT
22	2	EACH	WFQ08000	WASHER, FLAT, 5/8", 8, PLT
21	14	EACH	WFQ08000	WASHER, FLAT, 1/2", 8, PLT
20	1	EACH	SPR00002	SPRING, COMP, R/H, 110 x 50 x 8.4, RED
19	1	EACH	PTS01010	SHAFT, STL, GREASE, ADM TRANSIT, '12
18	1	EACH	NTQ10001	NUT, HEX, 5/8-18UNF, 8, PLT
17	2	EACH	NTQ10000	NUT, HEX, 5/8-11UNC, 8, PLT
16	5	EACH	NTQ08000	NUT, HEX, 1/2-13UNC, 8, PLT
15	1	EACH	BTQ10351	BOLT, HEX, 5/8-18UNF x 3.50, 8, PLT
14	9	EACH	BTQ08150	BOLT, HEX, 1/2-20UNF x 1.25, 8, PLT
13	6	EACH	BTQ08126	BOLT, HEX, 1/2-20UNF x 1.25, 8, PLT
12	6	EACH	BTQ08101	BOLT, HEX, 1/2-20UNF x 1.00, 8, PLT
11	1	EACH	BTQ08100	BOLT, HEX, 1/2-13UNC x 1.00, 8, PLT
10	1	EACH	BTM08100	BOLT, 1/2-13 x 1.0" w/ GREASE NIPPLE FTG
9	2	EACH	BMZ01047	BKT, BAR, SLIDE NUT, ADJ, TRANS ADM, '12
8	1	EACH	BMZ01044	BKT, ASSY, CRADLE, PIVOT, ADM TRANSIT, '12
7	2	EACH	BMZ01042	VIBRATION ISOLATOR, BAR, 9.63 x 2 x 1.50
6	2	EACH	BMZ01041	Shaft Key, 5/16" SQ x .540" Long
5	1	EACH	BMZ01040	BKT, ASSY, THRD ROD, ISOLATOR, ADM, '12
4	1	EACH	BMZ01038	BKT, MAIN, BASE PL, ADM, '12
3	1	EACH	BMZ01037	BKT, FORK, KNUCKLE-JOINT, ADM, '12
2	1	EACH	BMZ01035	BKT, MAIN, PIVOT, ASSY, ADM TRANSIT, '12
1	1	EACH	BMZ01034	BKT, SPRING, SUPPORT ARM, ADM, '12



REV	ECN	DESCRIPTION	DATE	BY	APP'D	DATE
0		RELEASED TO PRODUCTION	6/12/2020	JRR		
1		James Stewart	6/1/2020			
2		Ron Ingram	6/1/2020			
3		Dale Mason	6/1/2020			

DRAWN	6/1/2020	rodriquez
CHECKED	6/1/2020	Val Jakowlew
DATE	6/1/2020	James Stewart
DATE	6/1/2020	Ron Ingram
DATE	6/1/2020	Dale Mason

TITLE	MT KIT, PS, PLATFORM, TRANSIT, ADM, '20
SIZE	D
SCALE	1:2
SHEET	1 OF 1

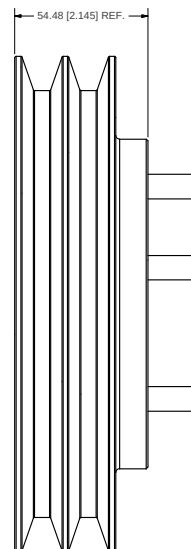
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REV	0

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".

UNSPECIFIED TOLERANCES:
ONE DECIMAL PLACE (X1) .125
TWO DECIMAL PLACE (X2) .005
THREE DECIMAL PLACE (X3) .001
FRACTIONAL, 1/16"



DRAWING UNIT OF MEASURE: MM (INCH)

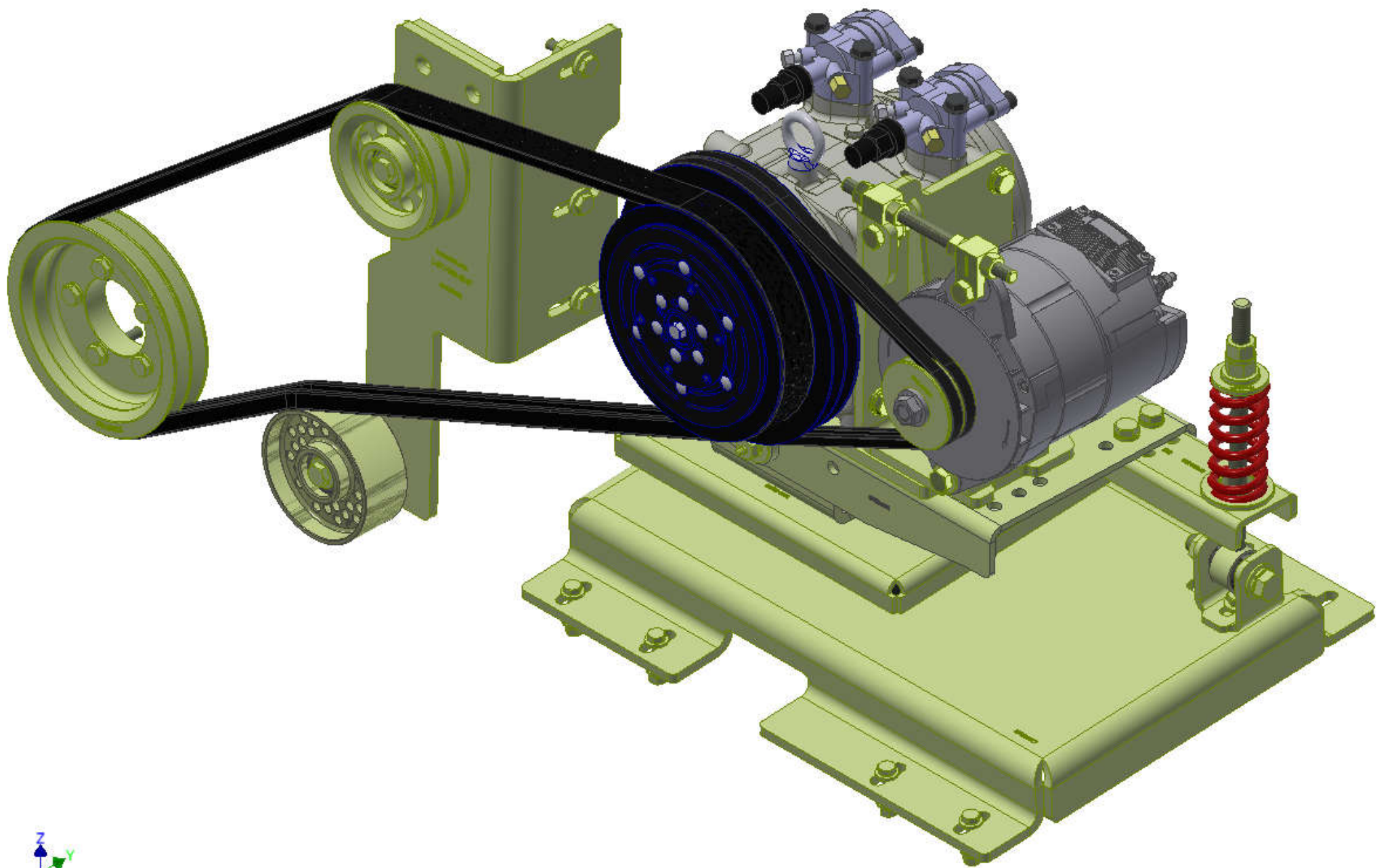


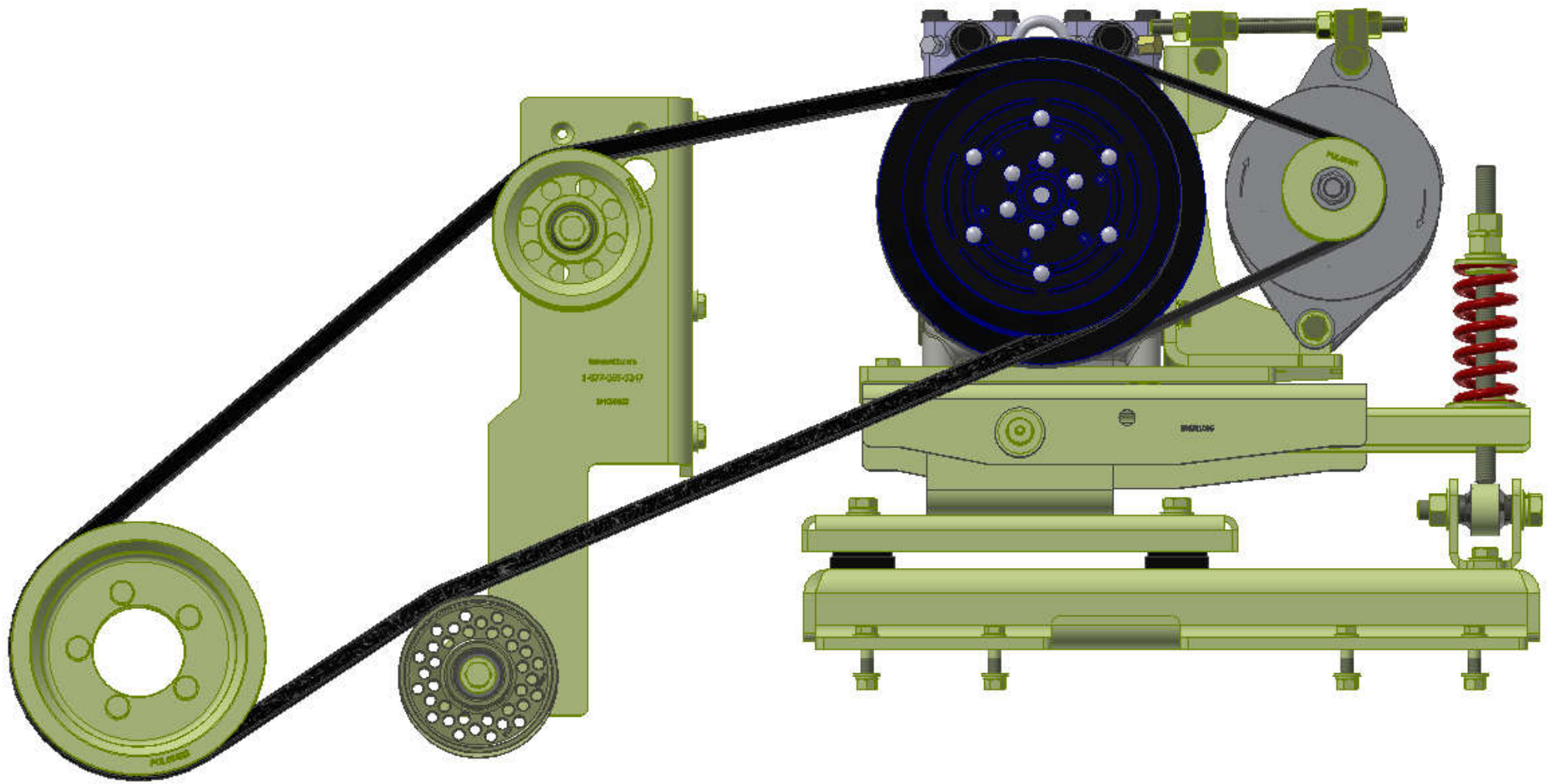
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BILL OF MATERIALS				

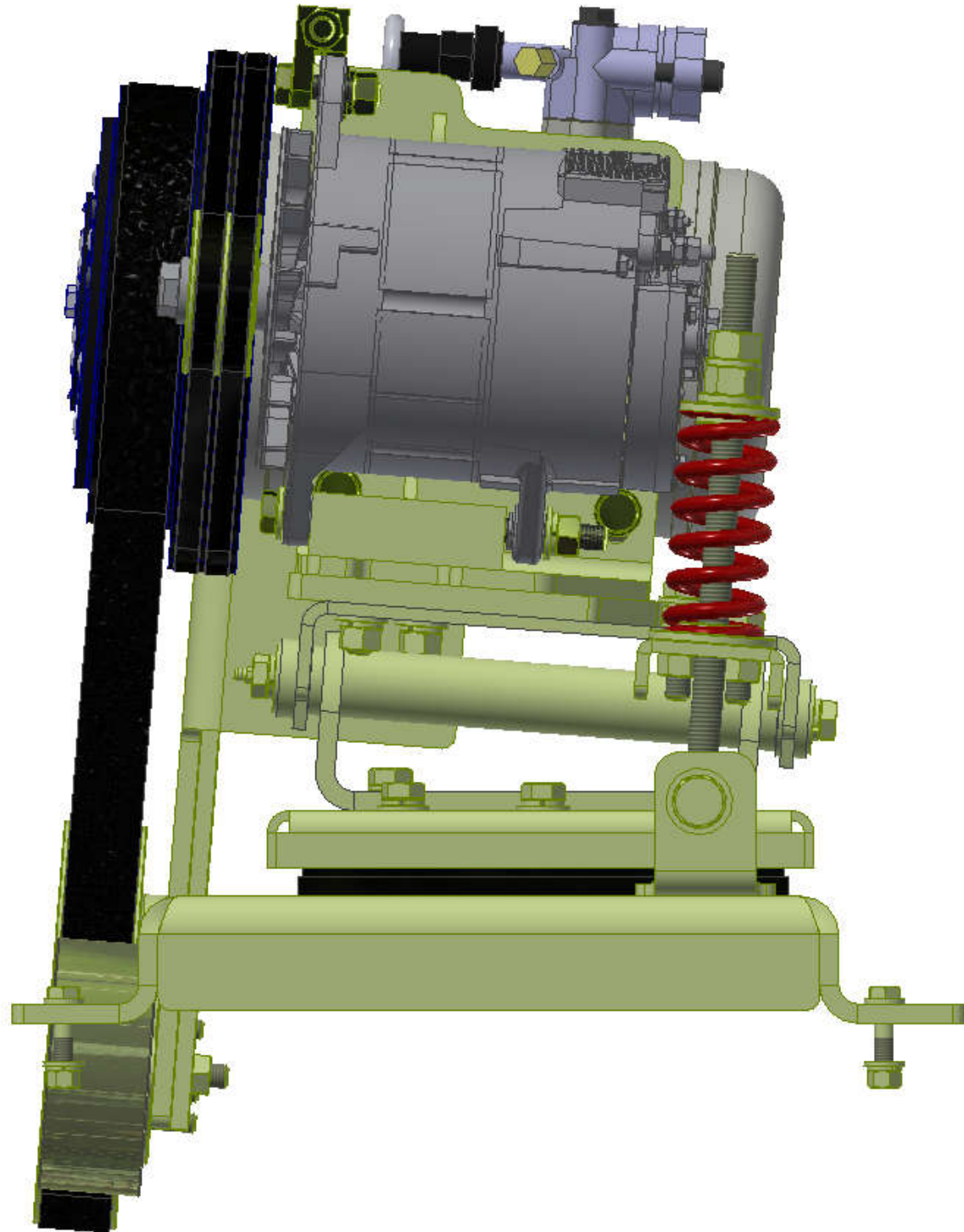
val Jakowlew	10/15/2013	TITLE
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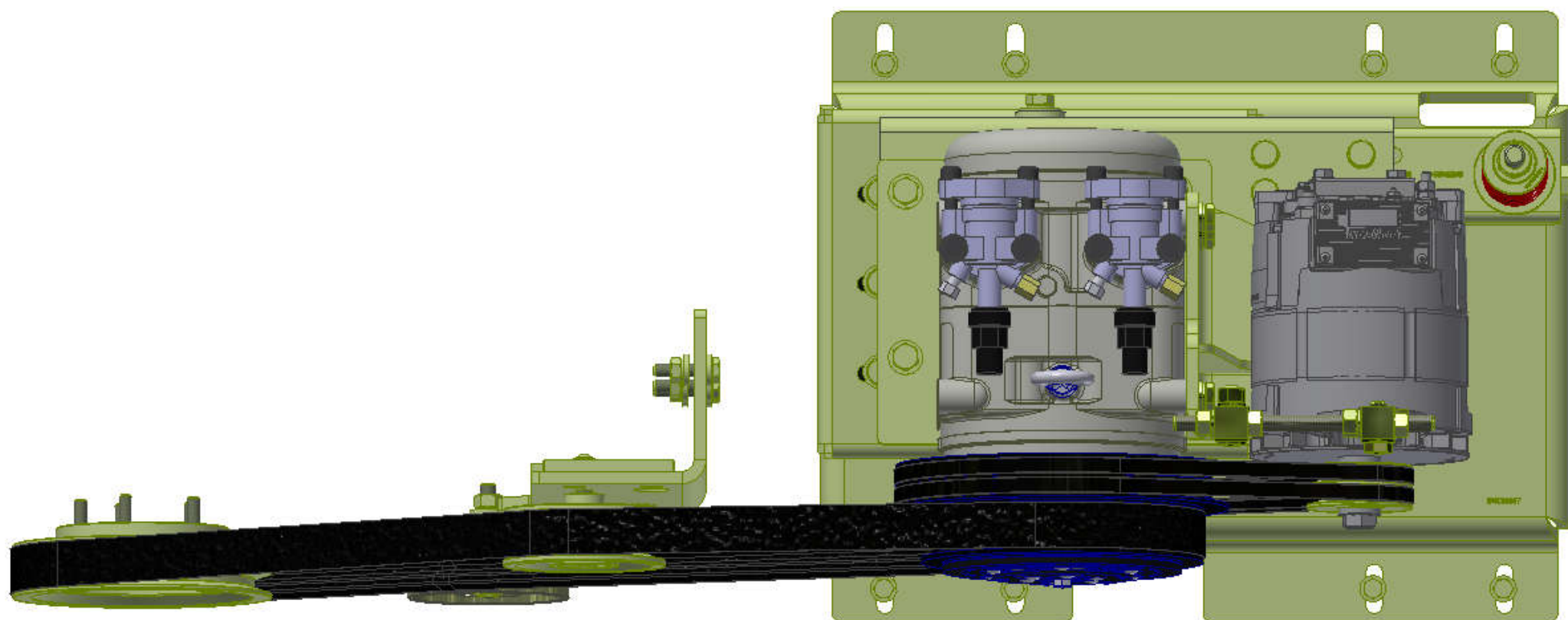
APPROVED	
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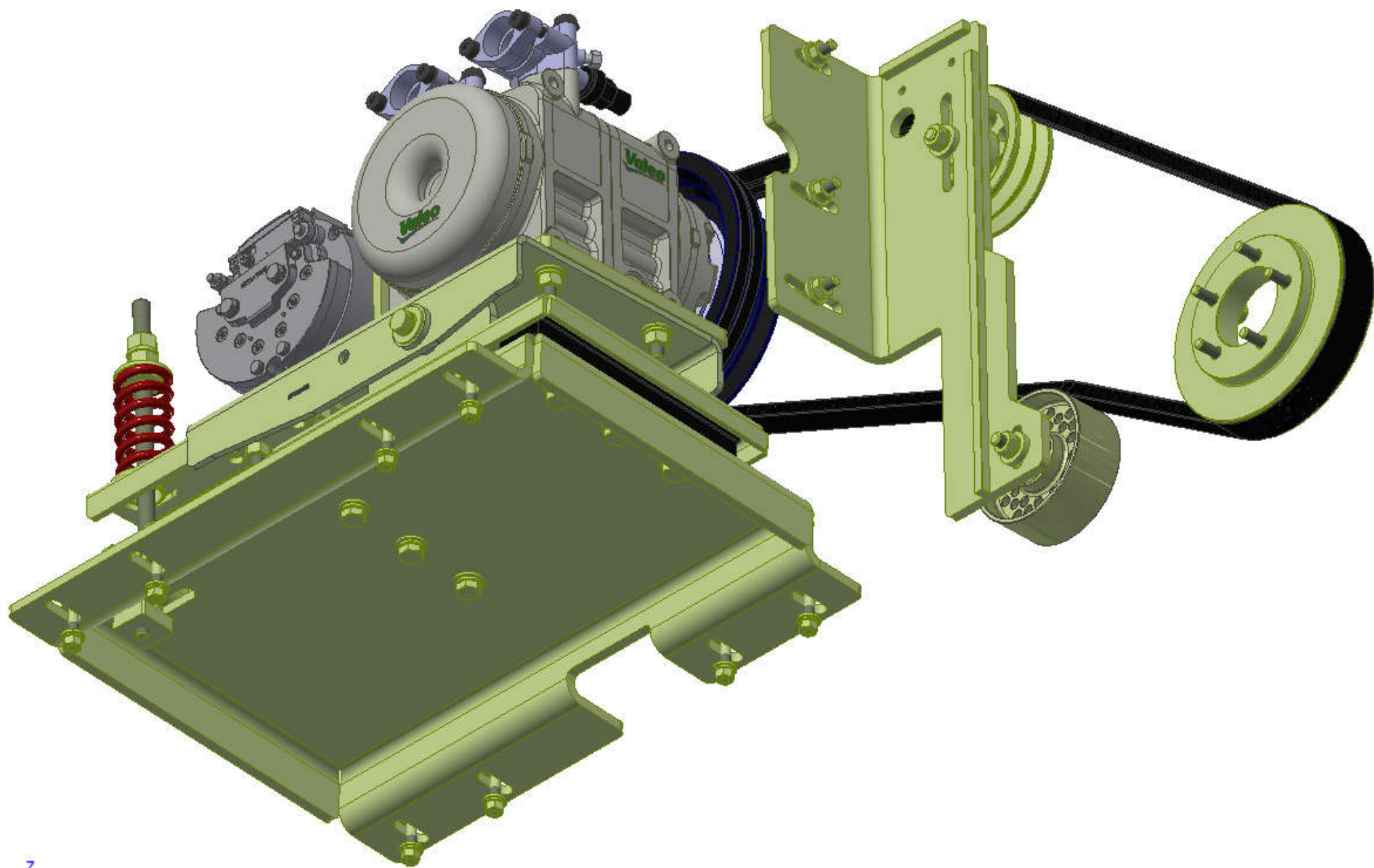
ION	DRAWING UNIT OF MEASURE:	MM [INCH]	SCALE	1:1		SHEET	1	OF	1
2					1				











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 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