

Bill of Materials Listing

TransArctic Canada Inc.

10/14/2021

Page 1 of 1

Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KMC96631		4/25/2017	0	Mt Kit, ISL, ICRE, TM-55/65, Alt, '21			1843.22
5	1	PAC39131		Pack, Carton, 39" x 13" x 16.25", 51 BC		each	
10	2	BEL21626		Belt, B gr, 1626mm (64") (BX61)		each	
20	1	BEL82096		Belt, 8gr, 2096mm (82.5") (5080825)		each	
30	1	BMC90047	0	Brk, Brace, Air Filter Box		each	
40	1	BMC90052	0	Brk, Reservoir Tank, Label, ICRE, '21		each	
50	1	BMN80109	1	Bkt, Jack Shaft, Cummins, ICRE, '21		each	
60	1	BMN80116	2	Bkt, Main, FRT, Weldmt, ICRE, '21		each	
70	1	BMN80119	2	Bkt, Main, RR, Weldmt, ICRE, '21		each	
80	1	BMN80123	1	Bkt, Main, Xbrace, ICRE, '21		each	
90	2	CLP72001		Clamp, Gear, #72, 3" - 5" (76.2/127mm)		each	
100	1	HOA04530	0	Hose, Flex,CAC,Elb,Silicon,4.5 x 30d,BLU		each	
110	1	KAC65502	2	Kit, Alternator, TM-65, Driver Side, '13		each	
130	1	KBB00003	0	Mt Kit, Platform, Transit, ADM, '21		each	
140	1	KCB95501	0	Kit, Compressor, Tilt, 12v, TM-55/65,'21		each	
150	1	PUA84101	0	Pulley, Assy, Idler, P8/2B gr,7",STL,Pit		each	
160	1	KBC96631	0	Bag Kit, Fasteners, KMC96631 & KMC96531		each	

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TransArctic Canada Inc.

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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBC96631		7/14/2016	0	Bag Kit, Fasteners, KMC96631/96531/94131			3.59
10	6	BTC08035		Bolt, Hex, 8 x 1.25 x 35mm, 10.9, Plt,FT		each	
20	4	BTC10060		Bolt, Hex, 10 x 1.5 x 60mm, 10.9, Plt		each	
40	1	BTC12030		Bolt, Hex, 12 x 1.75 x 30mm, 10.9, Plt		each	
50	1	BTC12120		Bolt, Hex, 12 x 1.75 x 120mm, 10.9, Plt		each	
60	2	BTC16070		Bolt, Hex, 16 x 2 x 70mm, 10.9, Plt		each	
70	6	BTQ08126		Bolt, Hex, 1/2-20unf, 1.25", 8, Plt		each	
80	4	CSF10046		Capscrew, FH, 10 x 1.5 x 45mm, 10.9,Plt		each	
90	8	NTA10000		Nut, Hex, 10 x 1.5, 8.8, Plt		each	
100	1	NTA12000		Nut, Hex, 12 x 1.75, 8.8, Plt		each	
110	2	NTA16000		Nut, Hex, 16 x 2, 8.8, Plt		each	
120	6	WFA08000		Washer, Flat, 8mm, 8.8, Plt		each	
130	4	WFA10000		Washer, Flat, 10mm, 8.8, Plt		each	
140	8	WFA10002		Washer, Flat, 10mm, Hvy, 8.8, Plt		each	
150	2	WFA12002		Washer, Flat, 12mm, Hvy, 8.8, Plt		each	
160	4	WFA16000		Washer, Flat, 16mm, 8.8, Plt		each	
170	6	WFO08000		Washer, Flat, 1/2", 8, Plt		each	
180	1	WFS12001		1 Washer, Flat, Step, 12mm, 69.85, Plt		each	
190	6	WLA08000		Washer, Lock, 8mm, 8.8, Plt		each	
200	8	WLA10000		Washer, Lock, 10mm, 8.8, Plt		each	
210	2	WLA12000		Washer, Lock, 12mm, 8.8, Plt		each	
220	2	WLA16000		Washer, Lock, 16mm, 8.8, Plt		each	
230	6	WLQ08000		Washer, Lock, 1/2", 8, Plt		each	

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TransArctic Canada Inc.

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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBB00003		6/20/2012	0	MT KIT, PLATFORM, TRANSIT, ADM, '21			847.29
10	1	BMZ01034	2	Bkt, Spring, Support Arm, ADM, '12		each	
20	1	BMZ01070	0	Bkt, Main, Pivot, Ass'y, 05G,Transit,'21		each	
30	1	BMZ01037	2	Bkt, Fork, Knuckle-Joint, Adm, '12		each	
40	1	BMZ00043	3	Bkt, Main, Base Pl, '13		each	
50	1	BMZ01040	0	Bkt, Ass'y, THRD Rod, Isolator, ADM, '12		each	
60	2	BMZ01041	2	Shaft Key, 5/16" SQ x .540" Long		each	
70	2	BMN80008	1	Vibration Isolator, Bar,16.50 x 2 x 1.50		each	
71	1	BMN80025	0	Bkt, Back, PL, Slide, IC, RE300		each	
72	1	BMN80104	0	Bkt, Main, Slide, Assy, ICRE		each	
80	1	BMZ01072	0	Bkt, Assy, Cradle, Pivot, 05G,Transit,21		each	
110	1	PIS01010	2	Shaft, Stl, Grease, ADM Transit, '12		each	
120	1	SPR00002	0	Spring, Comp, R/H, 110 x 50 x 8.4, Red		each	
130	1	WFS16001	0	Washer, Flat, Dbl Step, 17mm, 50mm, Plt		each	
140	1	WFS27001	0	Washer, Flat, Dbl Step, 27mm, 63.5, Plt		each	
150	1	KBB00027	0	Bag Kit, Fasteners, Spring Assy,KBB00003		each	
160	1	KBB00028	0	Bag Kit, Fasteners, Pivot Assy, KBB00003		each	

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		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBB00027		8/1/2012	0	Bag Kit, Fasteners, Spring Assy,KBB00003			1.38
10	5	BTQ08150		Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	
20	1	BTQ10351		Bolt, Hex, 5/8-18unf, 3.5", 8. PLT		each	
30	5	NTQ08000		Nut, Hex, 1/2-13unc, 8, Plt		each	
50	2	NTQ10000		Nut, Hex, 5/8-11unc, 8, Plt		each	
60	1	NTQ10001		Nut, Hex, 5/8-18unf, 8, Plt		each	
70	2	WFQ08000		Washer, Flat, 1/2", 8, Plt		each	
80	2	WFQ10000		Washer, Flat, 5/8", 8, Plt		each	
110	1	WLQ08000		Washer, Lock, 1/2", 8, Plt		each	
120	2	WLQ10000		Washer, Lock, 5/8", 8, Plt		each	

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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBB00028		8/1/2012	0	Bag Kit, Fasteners, Pivot Assy, KBB00003			115.26
10	1	BTM08100	0	Bolt, 1/2-13 x 1.0" w/ Grease Nipple FTG		each	
20	1	BTP08653		Bolt, Hex, 1/2-13unc, 6.5", 5, Plt, FT		each	
30	1	BTQ08100		Bolt, Hex, 1/2-13unc, 1.00", 8, Plt		each	
40	3	BTQ08101		Bolt, Hex, 1/2-20unf, 1.00", 8, Plt		each	
50	3	CSF08076		Capscrew, FH, 1/2-20unf x .75",Alloy,Plt		each	
60	4	NTP07000		Nut, Hex, 7/16-14unc, 5, Plt		each	
70	4	WFN07000		Washer, Flat, 7/16", 2, Plt		each	
80	3	WFQ08000		Washer, Flat, 1/2", 8, Plt		each	
90	2	WFS08001		Washer, Flat, 1/2", 8, USS, Plt		each	
100	4	WLP07000		Washer, Lock, 7/16", 5, Plt		each	
110	6	WLQ08000		Washer, Lock, 1/2", 8, Plt		each	

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TransArctic Canada Inc.

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Product Number		Date		Description		Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Bin	Unit	
KCB94131			11/4/2021	0	Kit, Compressor, 24V, 05G, TILT, '21			8.21
10	1	BMN80106		0	Bkt, O5G, Comp, FRT, Z, ICRE, '21		each	
20	2	SCD29213		0	Spacer, Col, Drl,29.21mm x 25.4o x 12.7i		each	
30	1	KBZ94131		0	Bag Kit, Fasteners, KCB94131		each	

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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBZ94131		11/4/2021	0	Bag Kit, Fasteners, KCB94131			0.63
10	2	BTQ06150		Bolt, Hex, 3/8-16unc, 1.50", 8, Plt		each	
20	2	BTQ07125		Bolt, Hex, 7/16-14unc, 1.25", 8, Plt		each	
30	2	CSF07300		Capscrew, FH,7/16-14unc x 3",Alloy,Plt		each	
40	4	NTP07000		Nut, Hex, 7/16-14unc, 5, Plt		each	
50	2	WFN06000		Washer, Flat, 3/8", 2, Plt		each	
60	4	WFQ07000		Washer, Flat, 7/16", 8, Plt		each	
70	2	WLP06000		Washer, Lock, 3/8", 5, Plt		each	
80	4	WLP07000		Washer, Lock, 7/16", 5, Plt		each	

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TransArctic Canada Inc.

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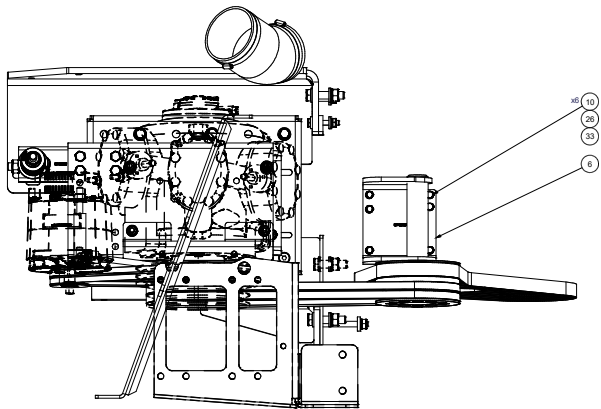
Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KAC94131		11/5/2021	0	Kit, Platform, 05G, TILT, '21			8.65
10	2	BMT10011	0	Bkt, Tenr, Block, Offset, 3mm		each	
20	1	BMZ01082	0	BKT, ALT, BLOCK, 05G, TILT, '21		each	
30	1	PUL03321	1	Pulley, ALT, Idler, 3.25"d, 2A		each	
40	1	TRD08160		Threaded, Rod, 1/2-13unc x 16", 5, Plt		each	
50	1	KBA94131	0	Bag Kit, Fasteners, KAC94131		each	

Bill of Materials Listing

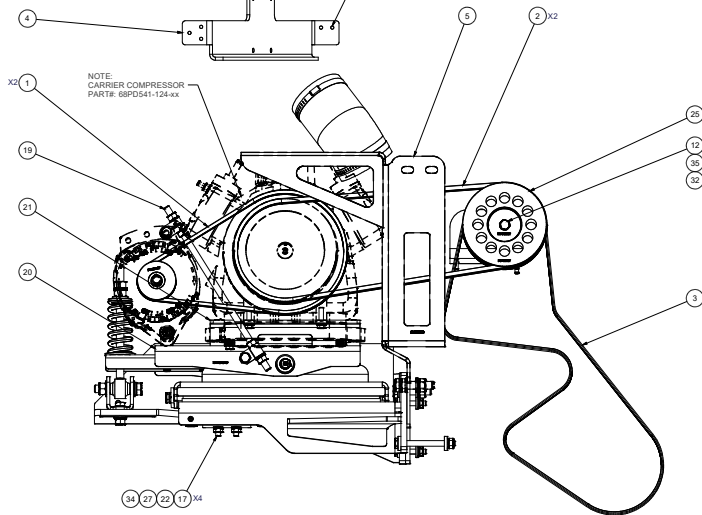
TransArctic Canada Inc.

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Product Number		Date	Description		Uof M	Weight	Yield
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit	
KBA94131		11/5/2021	0	Bag Kit, Fasteners, KAC94131			1.41
10	3	BTQ08100		Bolt, Hex, 1/2-13unc, 1.00", 8, Plt		each	
20	2	BTQ08150		Bolt, Hex, 1/2-13unc, 1.5", 8, Plt		each	
30	1	BTQ08653		Bolt, Hex, 1/2-13unc, 6.5", 8, Plt		each	
40	6	NTQ08000		Nut, Hex, 1/2-13unc, 8, Plt		each	
50	5	WFQ08000		Washer, Flat, 1/2", 8, Plt		each	
60	8	WLQ08000		Washer, Lock, 1/2", 8, Plt		each	

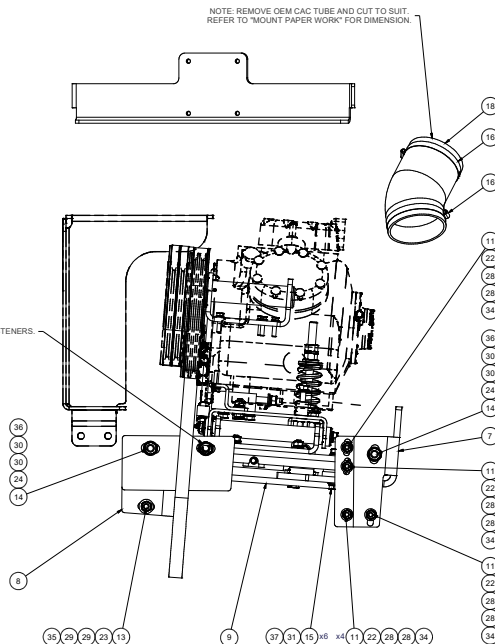


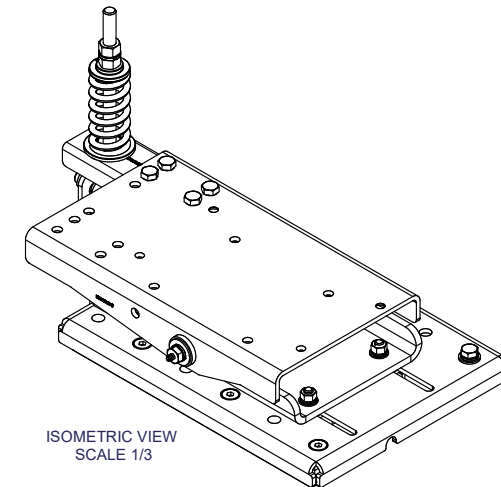
NOTE: USE QTY (5) RIV04063 TO FASTEN BMC80047 TO ENGINE BAY ENCLOSURE.



NOTE: CARRIER COMPRESSOR PART#: 68PD541-124-xx

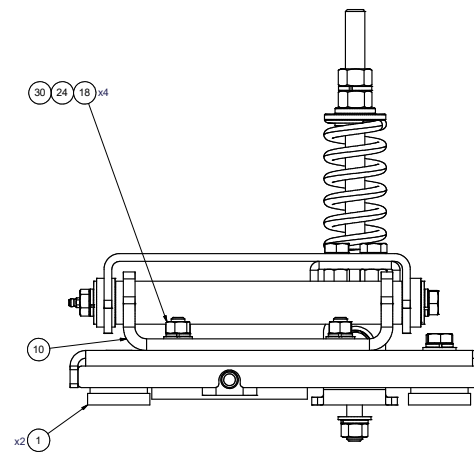
NOTE: RE-USE OEM FASTENERS.





SECTION A-A

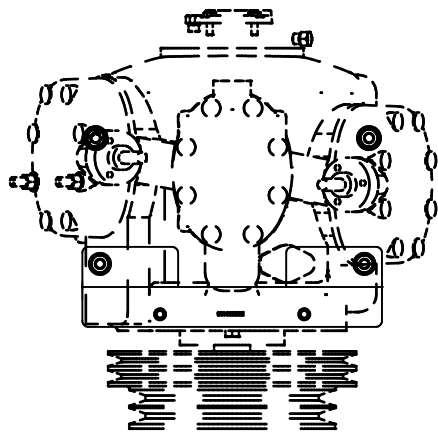
ISOMETRIC VIEW
SCALE 1/3



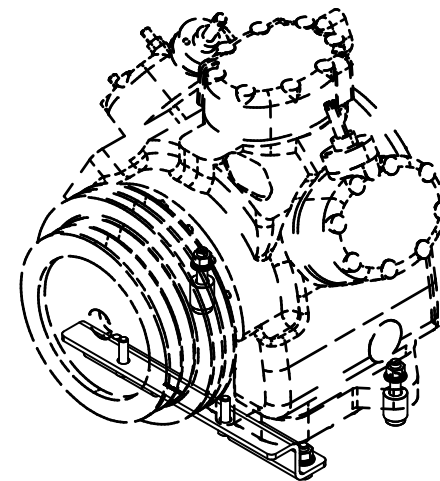
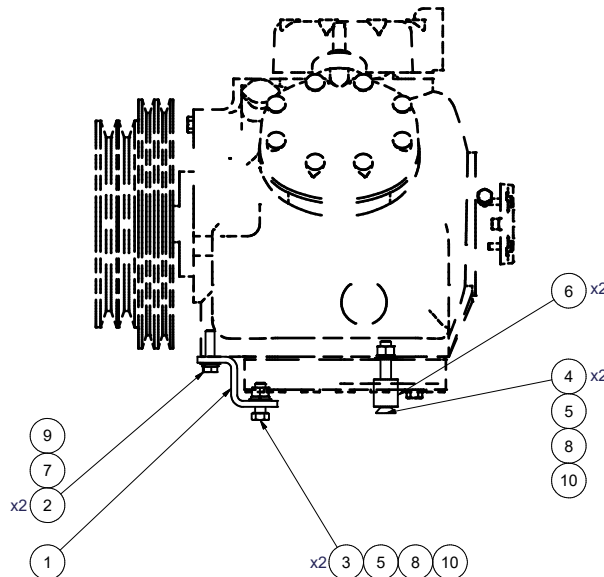
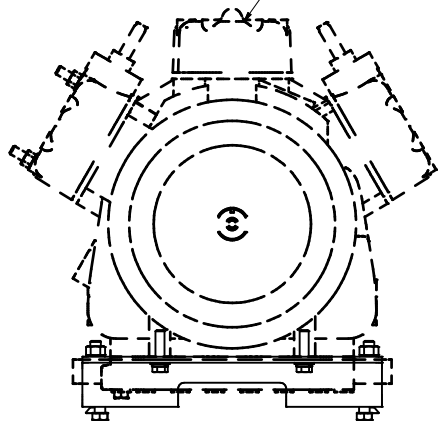
32	2	EACH	WLQ10080	WASHER, LOCK, 5/8", & P/LT
31	7	EACH	WLQ08000	WASHER, LOCK, 1/2", & P/LT
30	4	EACH	WLQ07000	WASHER, LOCK, 7/16", 5 P/LT
29	1	EACH	WFS27001	WASHER, FLAT, DBL STEP, 28mm, 63.5, P/LT
28	1	EACH	WFS16001	WASHER, FLAT, DBL STEP, 16mm, 50mm, P/LT
27	2	EACH	WFS08001	WASHER, FLAT, 1/2", 8, USS, P/LT
26	2	EACH	WFSQ10000	WASHER, FLAT, 5/8", 8, P/LT
25	5	EACH	WQF008000	WASHER, FLAT, 1/2", 8, P/LT
24	4	EACH	WQF07000	WASHER, FLAT, 7/16", 2, P/LT
23	1	EACH	PSR00002	SPRING, SHOCK, RUT, 1/2" x 50 x 8.4, RMD
22	1	EACH	PSI01001	SHAFT, STL, GREASE, ADM TRANSIT, 12
21	1	EACH	NTQ10001	NUT, HEX, 5/8-18UNF, 8, P/LT
20	2	EACH	NTQ10000	NUT, HEX, 5/8-11UNC, 8, ADM TRANSIT
19	5	EACH	NTQ08000	NUT, HEX, 1/2-13UNC, 8, P/LT
18	4	EACH	NTQ07000	NUT, HEX, 7/16-14UNC, 5, P/LT
17	3	EACH	CSF08076	CAPSCREW, FH, 1/2-20UNF x .75", ALLOY, P/LT
16	1	EACH	BTQ10351	BOLT, HEX, 5/8-18UNF x 3.50, 8, P/LT
15	5	EACH	BTQ08810	BOLT, HEX, 1/2-13UNC x 1.50, 8, P/LT
14	3	EACH	BTQ08101	BOLT, HEX, 1/2-20UNC x 1.00, 8, P/LT
13	1	EACH	BTQ08100	BOLT, HEX, 1/2-13UNC x 1.00, 8, P/LT
12	1	EACH	BTQ08653	BOLT, HEX, 1/2-13UNC x 6.50, 5, P/LT, FTG
11	1	EACH	BTQ08100	BOLT, 1/2-13 x 1.0" w/ GREASE NIPPLE FTG
10	1	EACH	BMZ01072	BKT, ASSY, CRADLE, PIVOT, OSS, TRANSIT, '21
9	1	EACH	BMZ01070	BKT, MAIN, PIVOT, ASSY, OSSG, TRANSIT, '21
8	2	EACH	BMZ01041	Shaft Key, 5/16" S0 x 540" LONG
7	1	EACH	BMZ01040	BKT, ASSY, THRD ROD, ISOLATOR, ADM, '12
6	1	EACH	BMZ01037	BKT, FORK, KNUCKLE-JOINT, ADM, '12
5	1	EACH	BMZ01034	BKT, SPRING, SUPPORT ARM, ADM, '12
4	1	EACH	BMN01013	PKT, SPRING, BASE, PL, 13
3	1	EACH	BMN00103	PKT, MAIN, SLIDE, ASSY, RC30
2	1	EACH	BMN00025	BKT, BACK, PL, SLIDE, ICE, IREK
1	2	EACH	BMN00008	VIBRATION ISOLATOR, BAR, 16.50 x 2 x 1.50
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

- 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".

ITEM		QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS					
					
DRAWN vjakoview				3/25/2021	
CHECKED Jose Rodriguez					
DATE James Stewart				3/25/2021	
#	RELEASED TO PRODUCTION:	8/25/2021	JRK	TITLE	
REV:	ECN:	DESCRIPTION:	DATE:	BY:	
THIS DRAWING CONTAINS PROPRIETARY CONFIDENTIAL INFORMATION OWNED BY TRANSCARTIC INC. ANY DOCUMENT AND THE INFORMATION CONTAINED THEREIN IS NOT TO BE USED, REPRODUCED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE COMPANY.					
					
DRAWING UNIT OF MEASURE: MM (INCH)					
SIZE D 1.2 KBB00003					
DWG NO REV 0					
SHEET 1 OF 1					



NOTE:
REFERENCE
CARRIER COMPRESSOR (672cc)
PART#: 68PD541-124-xx



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: 4.57 LBS.

10	4	EACH	WLP07000	WASHER, LOCK, 7/16", 5, PLT
9	2	EACH	WLP06000	WASHER, LOCK, 3/8", 5, PLT
8	4	EACH	WFO07000	WASHER, FLAT, 7/16", 8, PLT
7	2	EACH	WFN06000	WASHER, FLAT, 3/8", 2, PLT
6	2	EACH	SCD29213	SPACER, COL, DRL, 29.21mm x 25.4o x 12.7i
5	4	EACH	NTP07000	NUT, HEX, 7/16-14UNC, 5, PLT
4	2	EACH	CSF07300	CAPSCREW, FH, 7/16-14 x 3", 9, PLT
3	2	EACH	BTQ07125	BOLT, HEX, 7/16-14UNC, 1.25", 8, PLT
2	2	EACH	BTQ06150	BOLT, HEX, 3/8-16UNC, 1.50", 8, PLT
1	1	EACH	BMN80106	BKT, 05G COMP, FRT, Z, ICRE, '21
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

BILL OF MATERIALS

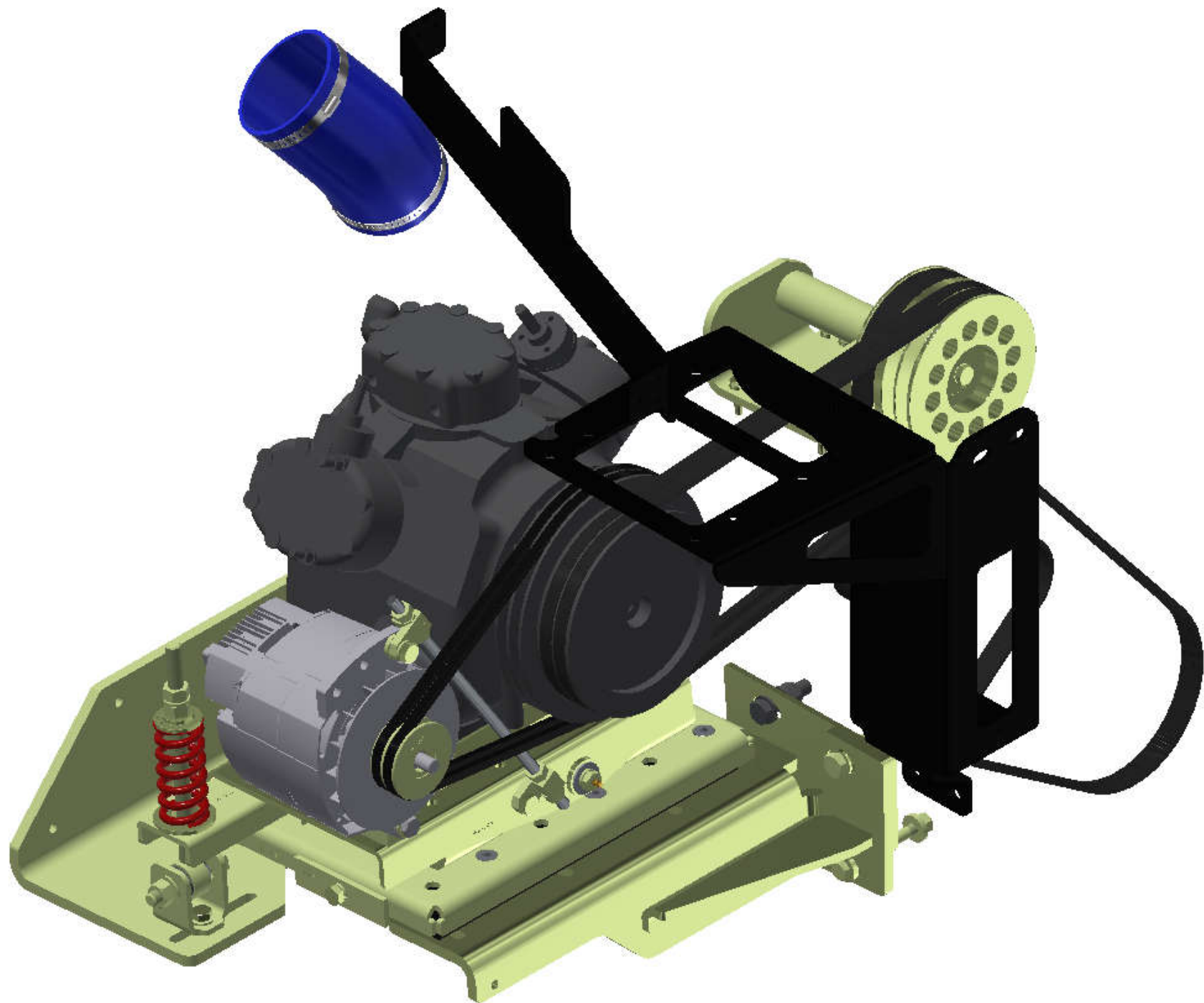
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jrodriguez	
CHECKED	11/4/2021
Jose Rodriguez	
QA	
James Stewart	11/4/2021
MFG	
James Stewart	11/4/2021
APPROVED	
Dale Mason	11/4/2021

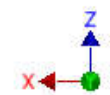
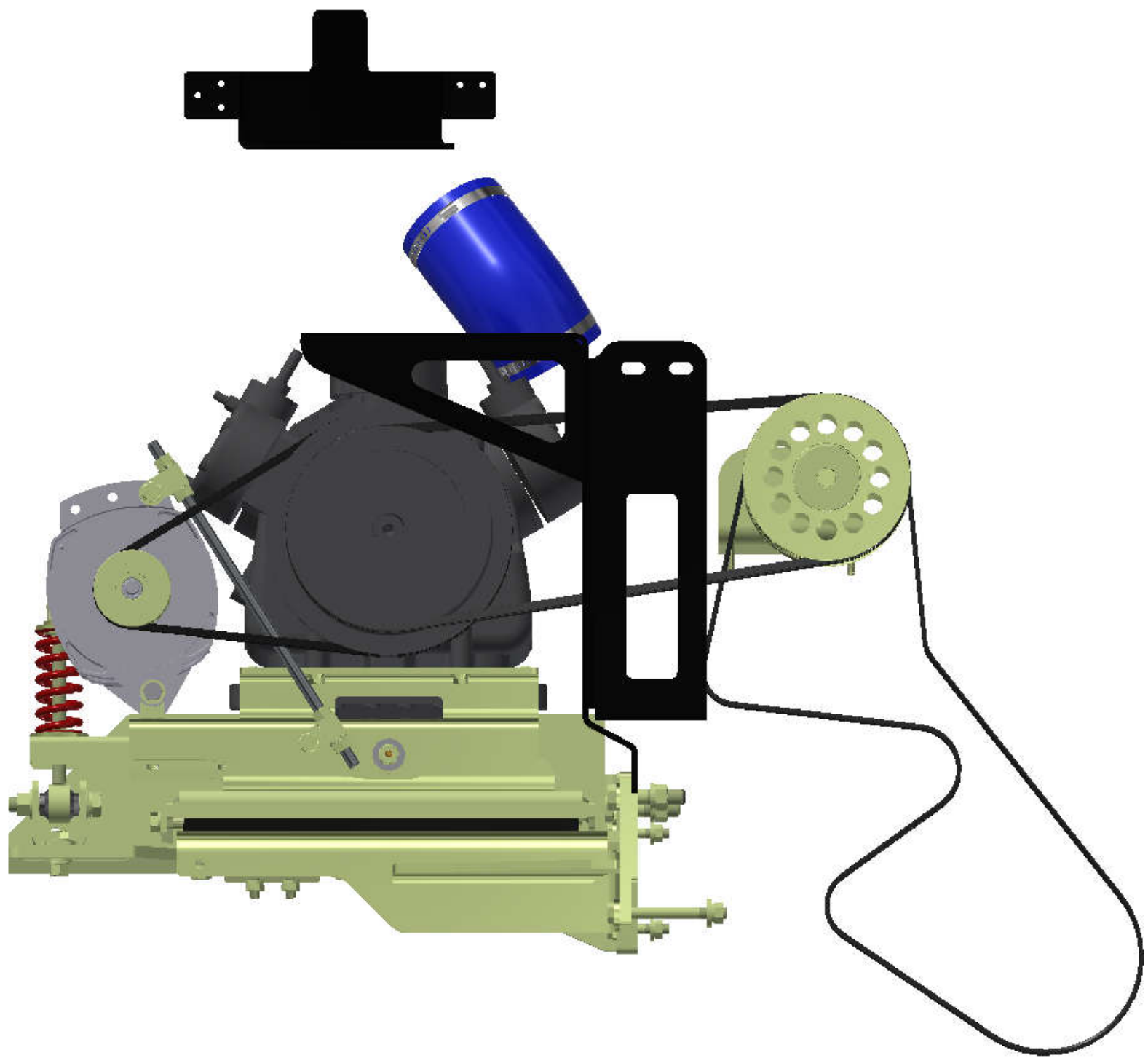
TRANSARCTIC INC.

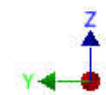
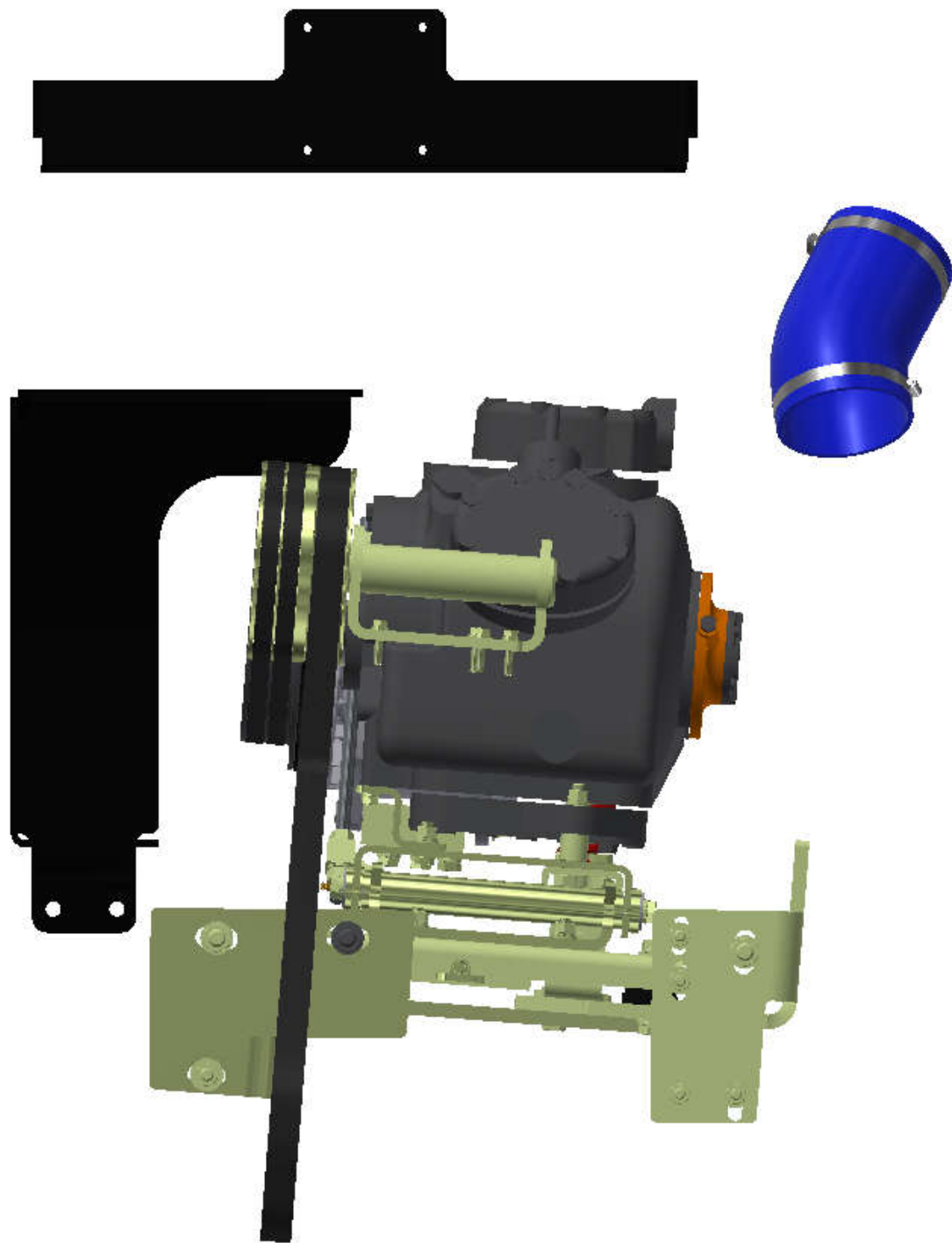
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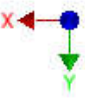
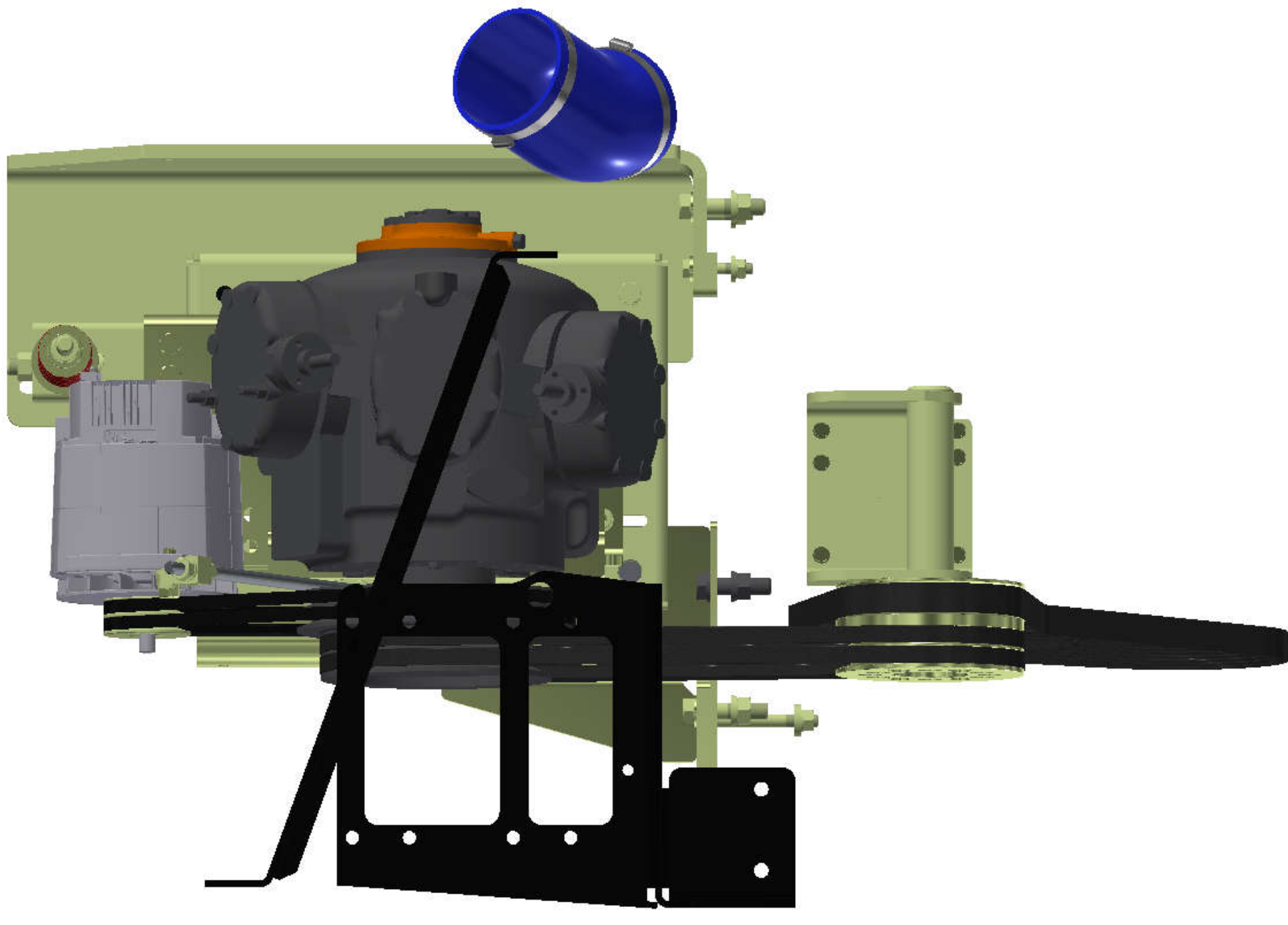
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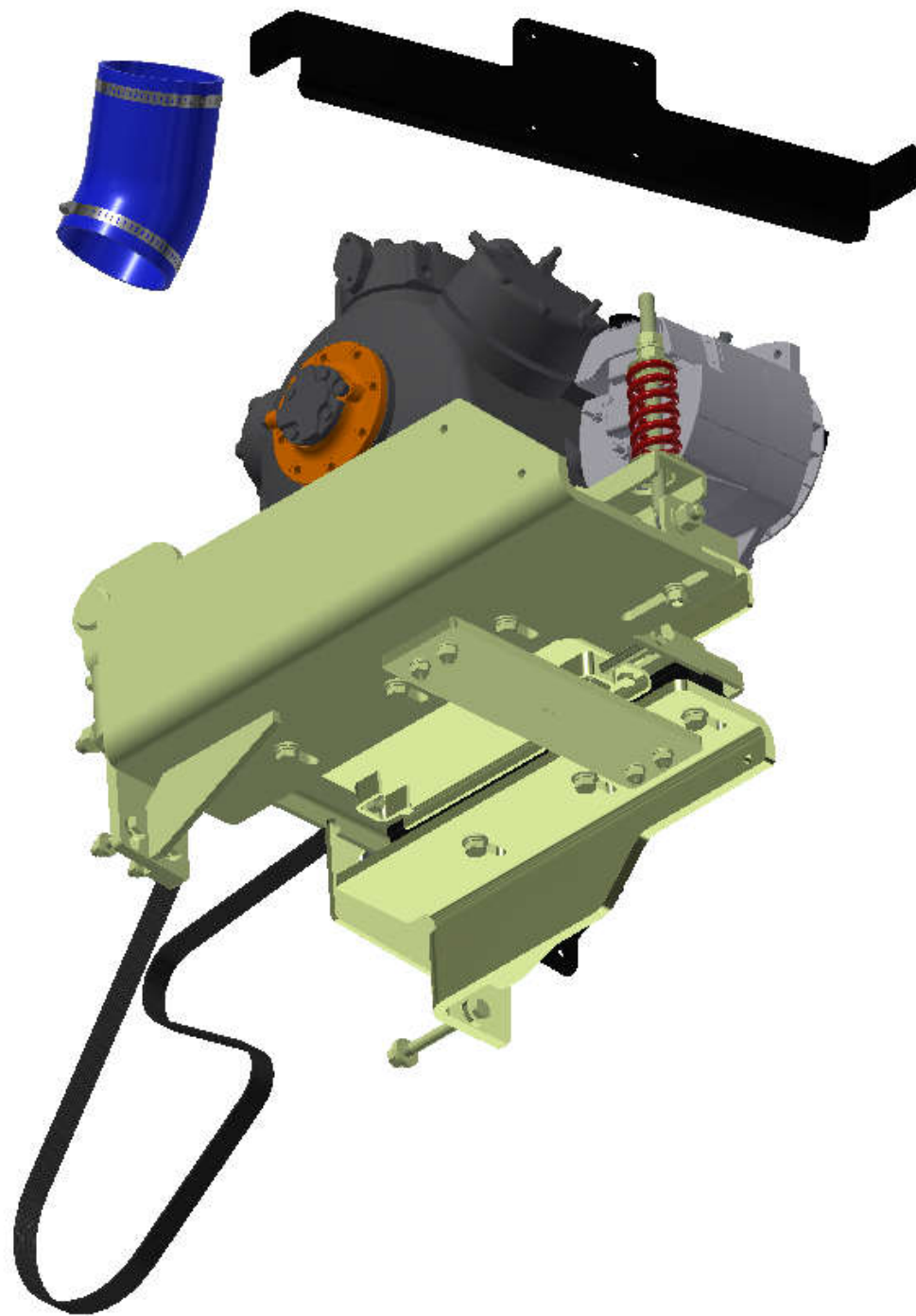
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UNSPECIFIED TOLERANCES: [ALT. DIM.] [ALT. DIM.]			
ONE DECIMAL PLACE (X)	MM	[INCH]	
TWO DECIMAL PLACE (XX)	.50	[.030]	
THREE DECIMAL PLACE (XXX)	.25	[.010]	
FRACTIONAL (1/32")	.10	[.005]	
ANGULAR	1/32"	ANGULAR	1/32"
THIRD ANGLE PROJECTION			

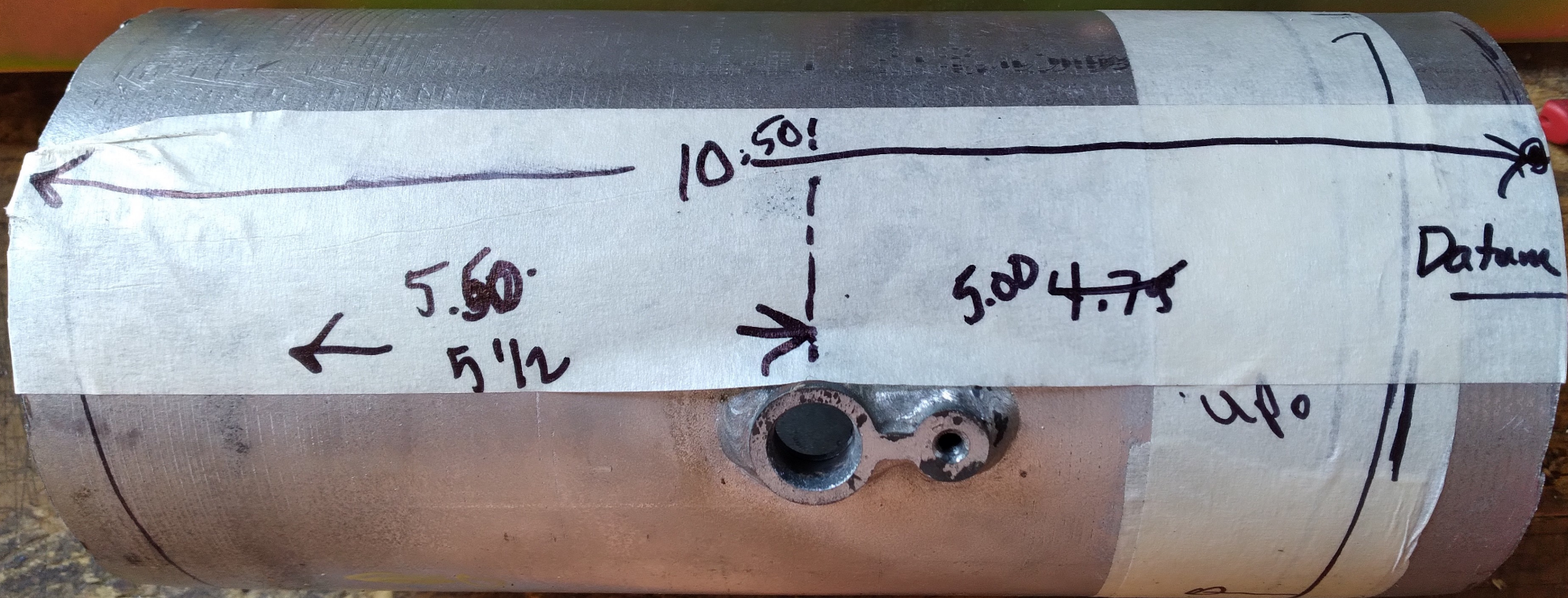














TransArctic A/C Compressor Mount Installation Disclaimer

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