

Bill of Materials Listing

TransArctic Canada Inc.

8/28/2020
Page 1 of 1

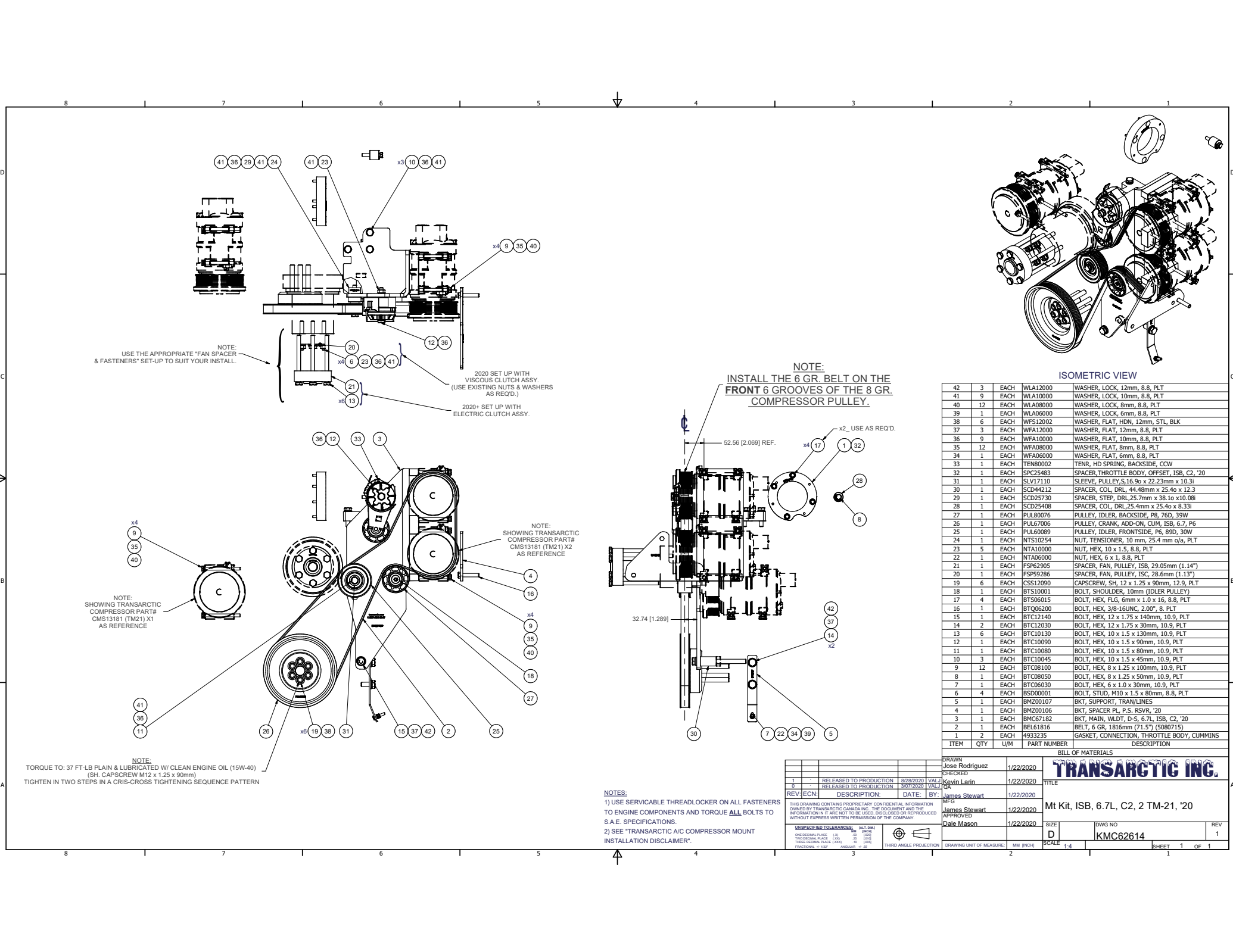
Product Number	Date	Description	Uof M	Weight	Yield			
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit		
KMC62614	3/16/2012	1		Mt Kit, ISB, 6.7L, C2, 2 TM-21, '20			107.88	0
5	1	PAC23150		Pack, Carton, 23" x 15" x 10", 51 ECT		each		
10	1	BEL61816		Belt, 6gr, 1803mm (71.5") (5060715)		each		
20	1	BMC67182	1	Bkt, Main, Wldt, D-S, 6.7L, ISB, C2, '20		each		
25	1	BMZ00106	1	Bkt, Spacer Pl, P/S Res, '20		each		
27	1	BMZ00107	2	Bkt, Support, Tran/lines		each		
30	1	FSP59286	0	Spacer, Fan, Pulley, ISB, 28.6mm (1.13")	Alley	each		
40	1	FSP62905	0	Spacer, Fan, Pulley, ISB, 29.05mm(1.14")		each		
45	2	4933235		Gasket, Connection,Throttle Body,Cummins	Alley	each		
47	1	NTS10254	1	Nut, Tensioner, 10 mm, 25.4 mm o/a, PLT		each		
50	1	PUL60089	0	Pulley, Frontside, STL, P6,89.4d (89174)		each		
60	1	PUL67006	0	Pulley, Crank, ADD-ON, Cum, ISB, 6.7, P6		each		
70	1	PUL80076		Pulley, Idler, Backside, P8, 74d (89101)		each		
75	1	SCD25730	0	Spacer, Step, Drl,25.7mm x 34.9o x10.08i	Alley	each		
82	1	SCD25408	0	Spacer, Col, Drl, 25.4mm x 25.4o x 8.33i	Alley	each		
84	1	SCD44212	0	Spacer, Col, Drl,44.48mm x 25.4o x 12.3i	Alley	each		
110	1	SLV17110	0	Sleeve, Pulley,S,16.9o x 22.23mm x 10.3i	Alley	each		
115	1	SPC25483	0	Spacer, Throttle Body, Offset,ISB,C2,'20	Alley	each		
120	1	TEN80002		Tenr, HD Spring, BackSide, CCW		each		
130	1	KBC62614	1	Bag Kit, Fasteners, KMC62614		each		

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Page 1 of 1

Product Number	Date	Description	Uof M	Weight	Yield			
Line	Qty	Component Prod#	Rev#	Description	Bin	Unit		
KBC62614	11/6/2012	1		Bag Kit, Fasteners, KMC62614			5.63	0
1	1	BTS10001		Bolt, Shoulder, 10mm (89064)		each		
3	4	BTS06015		Bolt, Hex, Flg, 6mm x 1.0 x 16, 10.9,Plt		each		
4	1	BTQ06200		Bolt, Hex, 3/8-16unc, 2.0", 8, Plt		each		
7	1	BTC06030		Bolt, Hex, 6 x 1.0 x 30mm, 10.9, Plt		each		
9	1	BTC08050		Bolt, Hex, 8 x 1.25 x 50mm, 10.9, Plt		each		
10	12	BTC08100		Bolt, Hex, 8 x 1.25 x 100mm, 10.9, Plt		each		
20	3	BTC10045		Bolt, Hex, 10 x 1.5 x 45mm, 10.9, Plt,FT		each		
30	4	BSD00001		Bolt, Stud, M10 x 1.5 x 80mm, 8.8, Plt		each		
35	1	BTC10080		Bolt, Hex, 10 x 1.5 x 80mm, 10.9, Plt,FT		each		
40	1	BTC10090		Bolt, Hex, 10 x 1.5 x 90mm, 10.9, Plt		each		
50	6	BTC10130		Bolt, Hex, 10 x 1.5 x 130mm, 10.9, Plt		each		
70	1	BTC12140		Bolt, Hex, 12 x 1.75 x 130mm, 10.9, Plt		each		
75	2	BTC12030		Bolt, Hex, 12 x 1.75 x 30mm, 10.9, Plt		each		
80	6	CSS12090		Capscrew, SH, 12 x 1.25 x 90mm, 12.9,BLK		each		
85	1	NTA06000		Nut, Hex, 6 x 1.0, 8.8, Plt		each		
90	5	NTA10000		Nut, Hex, 10 x 1.5, 8.8, Plt		each		
95	1	WFA06000		Washer, Flat, 6mm, 8.8, Plt		each		
100	12	WFA08000		Washer, Flat, 8mm, 8.8, Plt		each		
110	9	WFA10000		Washer, Flat, 10mm, 8.8, Plt		each		
120	3	WFA12000		Washer, Flat, 12mm, 8.8, Plt		each		
130	6	WFS12002	0	Washer, Flat, Hdn, 12mm, Stl, BLK		each		
135	1	WLA06000		Washer, Lock, 6mm, 8.8, Plt		each		
140	12	WLA08000		Washer, Lock, 8mm, 8.8, Plt		each		
150	9	WLA10000		Washer, Lock, 10mm, 8.8, Plt		each		
160	3	WLA12000		Washer, Lock, 12mm, 8.8, Plt		each		



NOTE:
& FASTENERS" SET-UP TO SUIT YOUR INSTALL.

2020 SET UP WITH
VISCOSUS CLUTCH ASSY.
(USE EXISTING NUTS & WASHERS
AS REQ'D.)

2020+ SET UP WITH
ELECTRIC CLUTCH ASSY.

NOTE:
SHOWING TRANSARCTIC
COMPRESSOR PART#
CMS13181 (TM21) X2
AS REFERENCE

NOTE:
SHOWING TRANSARCTIC
COMPRESSOR PART#
CMS13181 (TM21) X1
AS REFERENCE

NOTE:
TORQUE TO: 37 FT-LB PLAIN & LUBRICATED W/ CLEAN ENGINE OIL (15W-40)
(SH. CAPSCREW M12 x 1.25 x 90mm)
TIGHTEN IN TWO STEPS IN A CRIS-CROSS TIGHTENING SEQUENCE PATTERN

NOTE:
INSTALL THE 6 GR. BELT ON THE
FRONT 6 GROOVES OF THE 8 GR.
COMPRESSOR PULLEY.

ISOMETRIC VIEW

42	3	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
41	9	EACH	WLA10000	WASHER, LOCK, 10mm, 8.8, PLT
40	12	EACH	WLA08000	WASHER, LOCK, 8mm, 8.8, PLT
39	1	EACH	WLA06000	WASHER, LOCK, 6mm, 8.8, PLT
38	6	EACH	WFS12002	WASHER, FLAT, HDN, 12mm, STL, BLK
37	3	EACH	WFA12000	WASHER, FLAT, 12mm, 8.8, PLT
36	9	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
35	12	EACH	WFA08000	WASHER, FLAT, 8mm, 8.8, PLT
34	1	EACH	WFA06000	WASHER, FLAT, 6mm, 8.8, PLT
33	1	EACH	TEN80002	TENR, HD SPRING, BACKSIDE, COW
32	1	EACH	SPC25483	SPACER, THROTTLE BODY, OFFSET, ISB, C2, '20
31	1	EACH	SLV17110	SLEEVE, PULLEY, 5.16.90 x 22.23mm x 10.31
30	1	EACH	SCD44212	SPACER, COL, DRL, 44.48mm x 25.40 x 12.3
29	1	EACH	SCD25730	SPACER, STEP, DRL, 25.7mm x 38.10 x 10.08
28	1	EACH	SCD25408	SPACER, COL, DRL, 25.4mm x 25.40 x 8.331
27	1	EACH	PUL80076	PULLEY, IDLER, BACKSIDE, P8, 760, 39W
26	1	EACH	PUL67006	PULLEY, CRANK, ADD-ON, CUM, ISB, 6.7, P6
25	1	EACH	PUL60089	PULLEY, IDLER, FRONTSIDE, P6, 890, 30W
24	1	EACH	NTS10254	NUT, TENSIONER, 10 mm, 25.4 mm o/a, PLT
23	5	EACH	NTA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
22	1	EACH	NTA06000	NUT, HEX, 6 x 1, 8.8, PLT
21	1	EACH	FSP62905	SPACER, FAN, PULLEY, ISB, 29.05mm (1.14")
20	1	EACH	FSP59286	SPACER, FAN, PULLEY, ISC, 28.6mm (1.13")
19	6	EACH	CSS12090	CAPSCREW, SH, 12 x 1.25 x 90mm, 12.9, PLT
18	1	EACH	BTS10001	BOLT, SHOULDER, 10mm (IDLER PULLEY)
17	4	EACH	BTS06015	BOLT, HEX, FLG, 6mm x 1.0 x 16, 8.8, PLT
16	1	EACH	BTQ06200	BOLT, HEX, 3/8-16UNC, 2.00", 8, PLT
15	1	EACH	BTC12140	BOLT, HEX, 12 x 1.75 x 240mm, 10.9, PLT
14	2	EACH	BTC12030	BOLT, HEX, 12 x 1.75 x 30mm, 10.9, PLT
13	6	EACH	BTC10130	BOLT, HEX, 10 x 1.5 x 130mm, 10.9, PLT
12	1	EACH	BTC10090	BOLT, HEX, 10 x 1.5 x 90mm, 10.9, PLT
11	1	EACH	BTC10080	BOLT, HEX, 10 x 1.5 x 80mm, 10.9, PLT
10	3	EACH	BTC10045	BOLT, HEX, 10 x 1.5 x 45mm, 10.9, PLT
9	12	EACH	BTC08100	BOLT, HEX, 8 x 1.25 x 100mm, 10.9, PLT
8	1	EACH	BTC08050	BOLT, HEX, 8 x 1.25 x 50mm, 10.9, PLT
7	1	EACH	BTC06030	BOLT, HEX, 6 x 1.0 x 30mm, 10.9, PLT
6	4	EACH	BSD00001	BOLT, STUD, M10 x 1.5 x 80mm, 8.8, PLT
5	1	EACH	BMZ00107	BKT, SUPPORT, TRAN/LINES
4	1	EACH	BMZ00106	BKT, SPACER PL, P.S. RSVR, '20
3	1	EACH	BMZ01182	BKT, MAIN, WLDT, D-S, 6.7L, ISB, C2, '20
2	1	EACH	BE61816	BELT, 6 GR, 1816mm (71.5") (5080715)
1	2	EACH	4933235	GASKET, CONNECTION, THROTTLE BODY, CUMMINS
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

TRANSARCTIC INC.

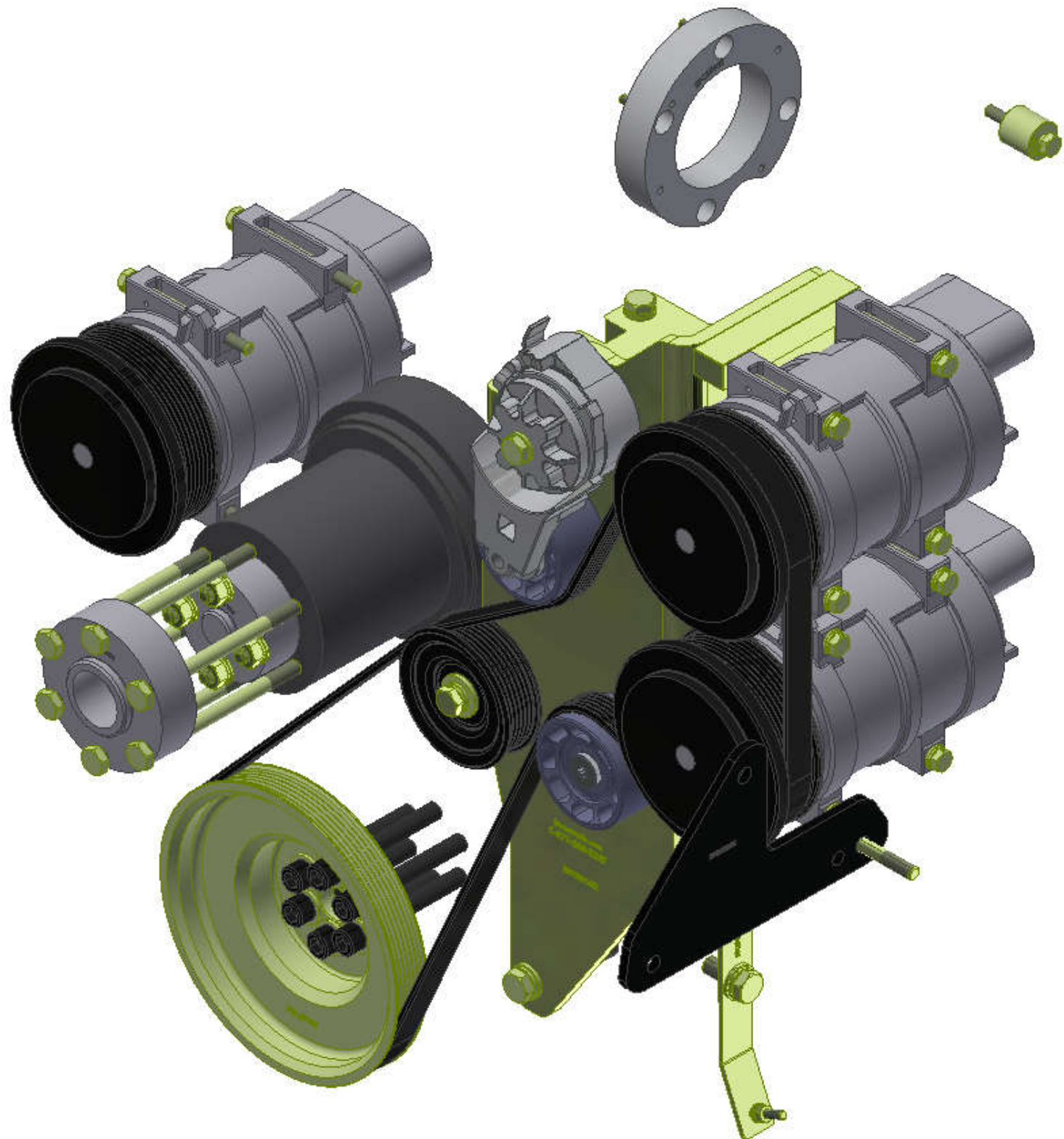
Mt Kit, ISB, 6.7L, C2, 2 TM-21, '20

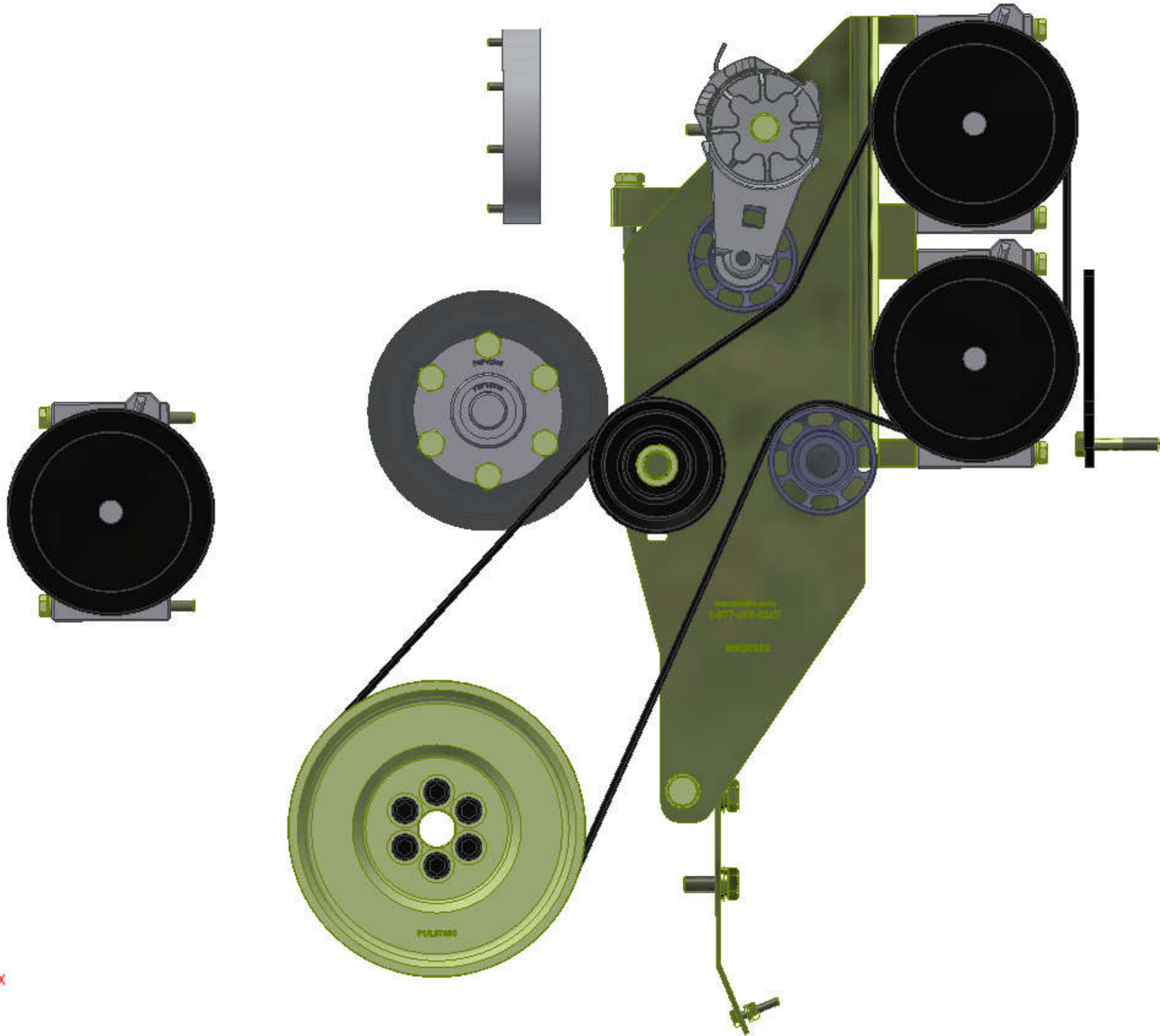
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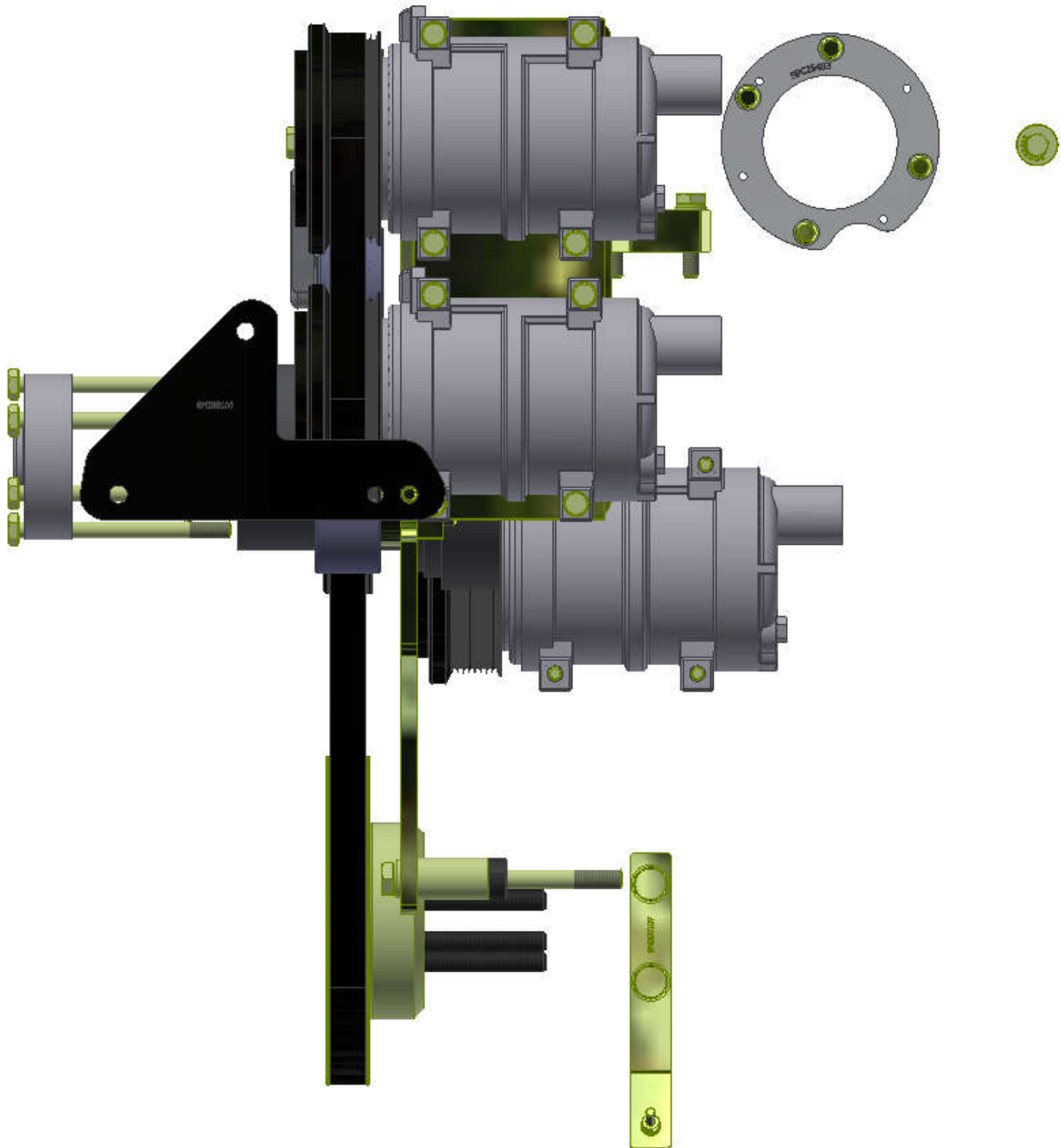
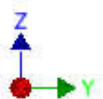
SCALE 1:4 SHEET 1 OF 1

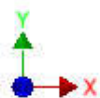
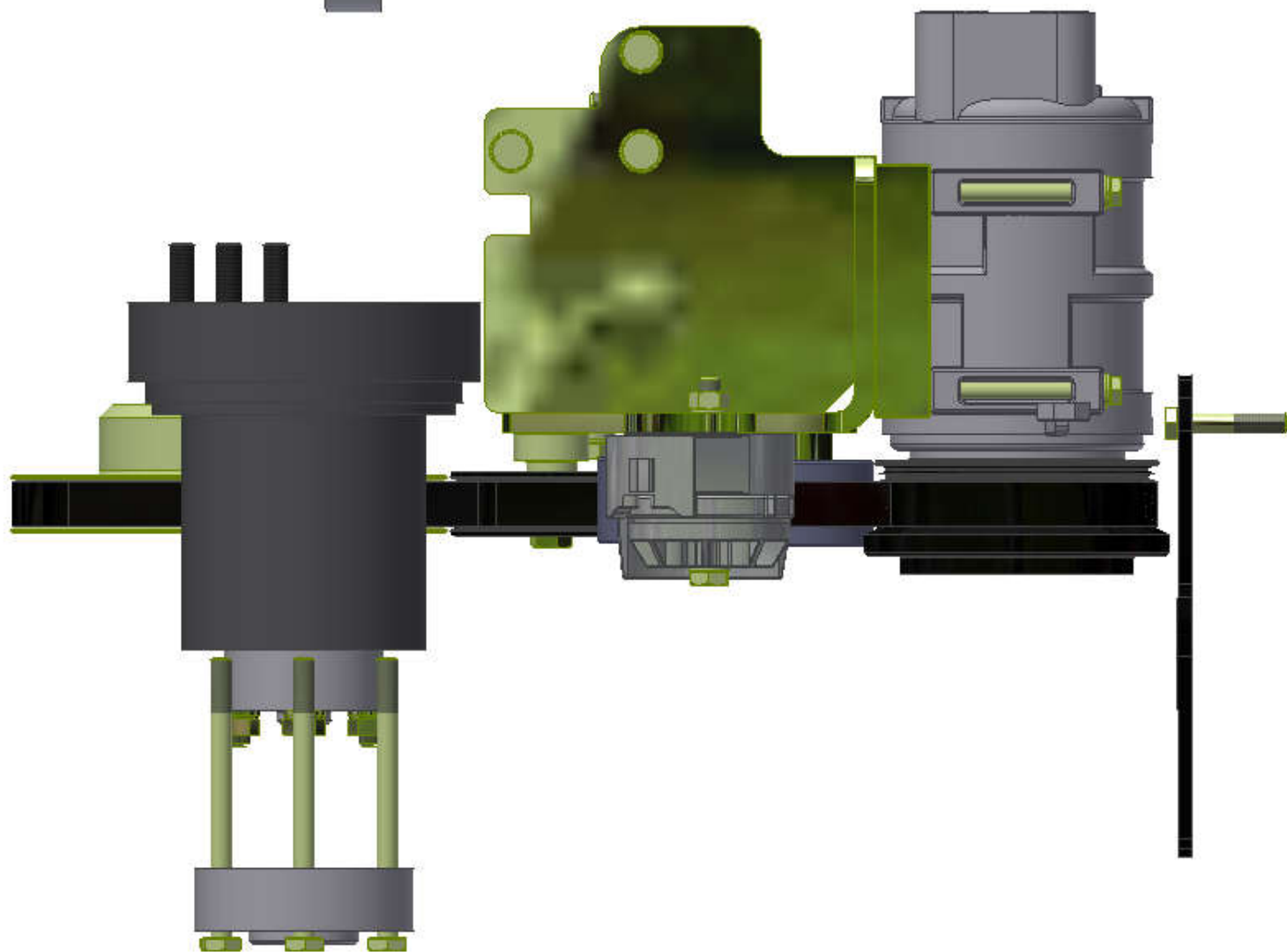
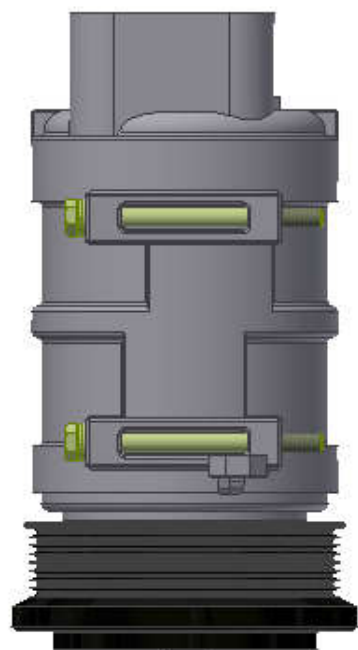
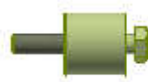
1	RELEASED TO PRODUCTION	8/28/2020	VAL	0
0	RELEASED TO PRODUCTION	3/07/2020	VAL	0
REV	ECN	DESCRIPTION	DATE	BY
				James Stewart
				James Stewart
				Dale Mason
UNSPECIFIED TOLERANCES:				
ONE DECIMAL PLACE (X1)	1/16	INCH		
TWO DECIMAL PLACE (X2)	1/32	INCH		
THREE DECIMAL PLACE (X3)	1/64	INCH		
FRACTIONAL, 1/16"	1/16	INCH		
THIRD ANGLE PROJECTION				
DRAWING UNIT OF MEASURE: MM (INCH)				

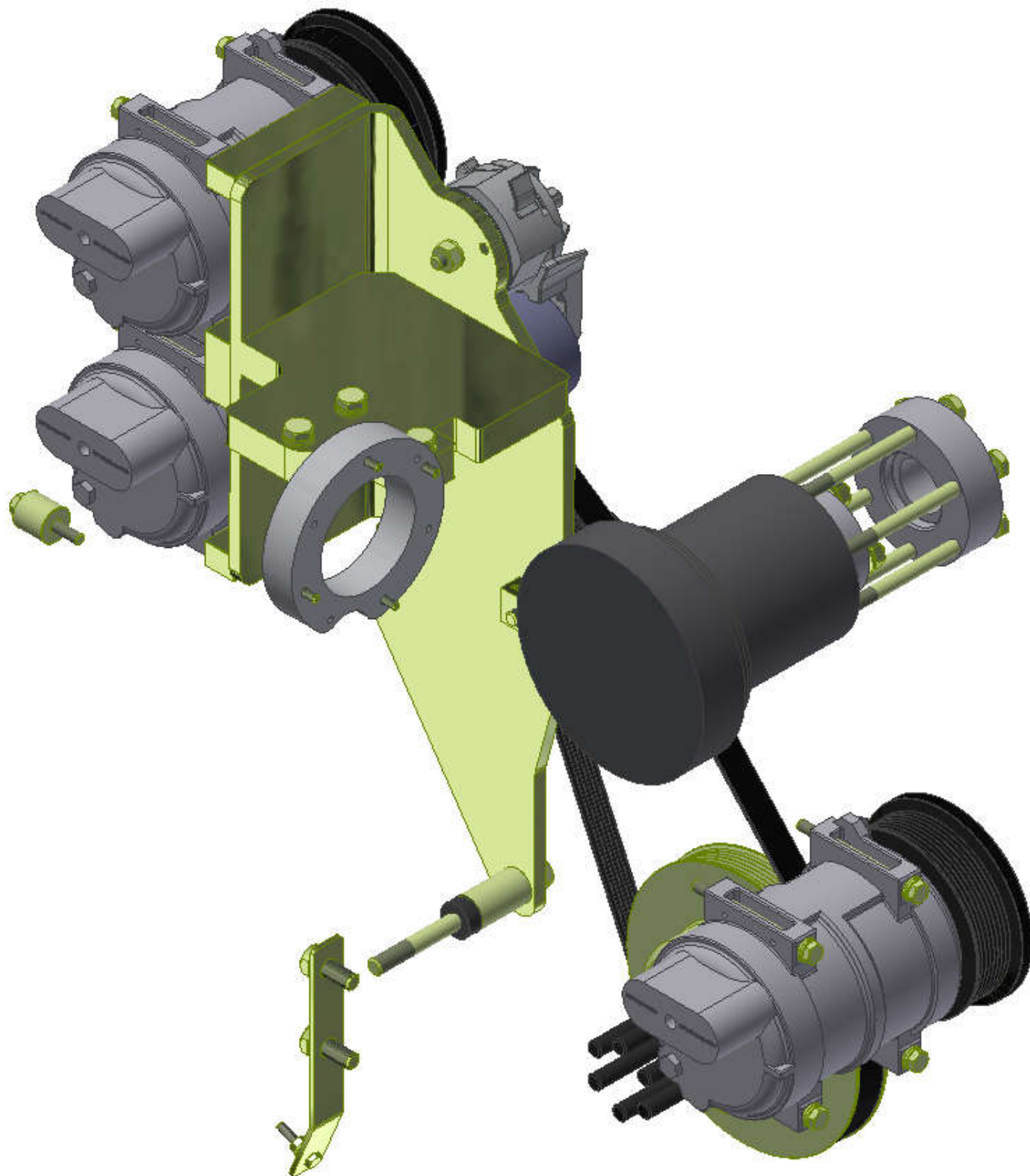
NOTES:
1) USE SERVICABLE THREADLOCKER ON ALL FASTENERS TO ENGINE COMPONENTS AND TORQUE ALL BOLTS TO S.A.E. SPECIFICATIONS.
2) SEE "TRANSARCTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".











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.

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