

Bill of Materials Listing

TransArctic Canada Inc.

8/12/2024
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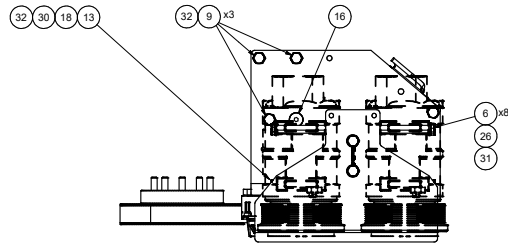
Product Number		Date	Description		Uof M	Weight	Yield	
Line	Qty	Component Prod#	Rev#	Description	Location	Unit		
KMC92697		10/16/2020	1	Mt Kit, ISL-D, HDX-ER, 2 TM-21, '21			72.27	0
5	1	PAC23150		Pack, Carton, 23" x 15" x 10", 51 ECT PKG		each		
20	1	BEL82590		Belt, 8gr, 2590mm (102") (5081020) 9850		each		
30	1	BMC67109		1 Bkt, Shroud, Cover, BBCV, 12 Ga., '13 4010		each		
50	1	BMC83046		2 Bkt, Brace, P/S, 8.3L, 09' 9810		each		
60	1	BMC90060		1 BKT, MAIN, WELDMT, TBB, P8, '21 4010		each		
70	1	BMZ00064		3 Bkt, Upper, Dual TM-21, Spacer 4010		each		
72	1	CLP00024		Clamp, "P" type, #24, 3/4"w, 1 1/2", PC 7050		each		
74	1	FTP12300		Ftg, Pipe, Nipl, 3/4", 3.0", Stl 7050		each		
76	1	FTP12002		Pipe, Female Coupler, 3/4 FNPT, St, Bl 7050		each		
80	3	PUL80076		Pulley, Idler, Backside, P8, 74d (89101) 4020		each		
85	2	PUL81074		Pulley, Idler, Frontside, P8,74d (89103) 4020		each		
90	1	PUL89029		0 Pulley, Crank, ISL-D, 8.9L, P8, 8"d, '21 4020		each		
91	1	SCD24512		0 Spacer, Col, Drl,24.51mm x 25.4o x 12.3i 4040	Alley	each		
92	3	SPC19010		2 Spacer, Col, Drl, 19mm x 28.58o x 10.32i 9840		each		
95	3	SLV17010		1 Sleeve, Pulley, 16.9o x 22.23mm x 10.32i 4040		each		
100	1	TEN80002		Tenr, HD Spring, BackSide, CCW (89200A) 4035		each		
105	1	TUS08083		Tube, DOM, .500"od,.083"wall,x 3.50",STL 4010		each		
110	1	KBC92697		0 Bag Kit, Fasteners, KMC92697 4060		each		

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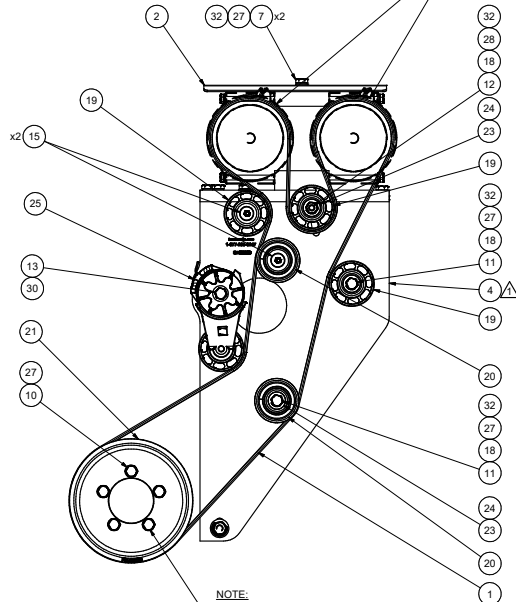
TransArctic Canada Inc.

11/19/2021
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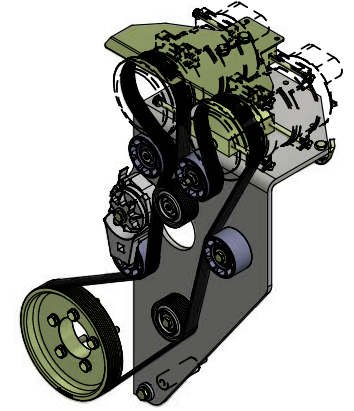
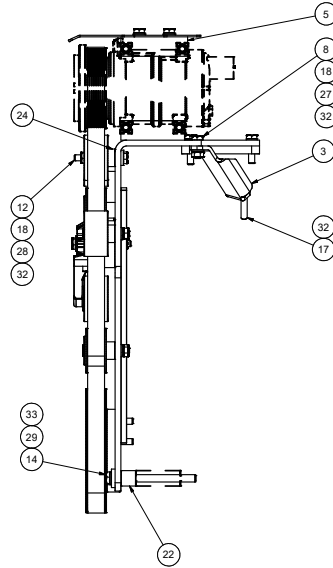
Product Number	Date	Description	Uof M	Weight	Yield	
Line	Qty	Component Prod#	Rev#	Bin	Unit	
KBC92697	10/16/2020	0	0			2.91
						0
5	1	BTA06025			Bolt, Hex, 6 x 1.0 x 25mm, 8.8, Plt	each
10	8	BTC08100			Bolt, Hex, 8 x 1.25 x 100mm, 10.9, Plt	each
20	2	BTC10025			Bolt, Hex, 10 x 1.5 x 25mm, 10.9, Plt	each
30	1	BTC10030			Bolt, Hex, 10 x 1.5 x 30mm, 10.9, Plt	each
40	3	BTC10040			Bolt, Hex, 10 x 1.5 x 40mm, 10.9, Plt,FT	each
42	5	BTC10055			Bolt, Hex, 10 x 1.5 x 55mm, 10.9, Plt,FT	each
44	2	BTC10070			Bolt, Hex, 10 x 1.5 x 70mm, 10.9, Plt	each
46	1	BTC10080			Bolt, Hex, 10 x 1.5 x 80mm, 10.9, Plt,FT	each
50	1	BTC10090			Bolt, Hex, 10 x 1.5 x 90mm, 10.9, Plt	each
52	1	BTC12140			Bolt, Hex, 12 x 1.75 x 140mm, 10.9, Plt	each
54	1	BTP04450			Bolt, Hex, 1/4-20unc, 4.5", 5, Plt	each
60	2	BTS10001			Bolt, Shoulder, 10mm (89064)	each
70	1	CSF10041			Capscrew, FH, 10 x 1.5 x 40mm, 10.9,Plt	each
80	1	CSS10055			Capscrew, SH, 10 x 1.5 x 55mm, 12.9,Plt	each
82	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
92	1	NTP04000			Nut, Hex, 1/4-20unc, 5, Plt	each
98	1	WFA06000			Washer, Flat, 6mm, 8.8, Plt	each
100	8	WFA08000			Washer, Flat, 8mm, 8.8, Plt	each
110	10	WFA10000			Washer, Flat, 10mm, 8.8, Plt	each
115	1	WFA10002			Washer, Flat, 10mm, Hvy, 8.8, Plt	each
117	1	WFA12002			Washer, Flat, 12mm, Hvy, 8.8, Plt	each
118	1	WFS06001			Washer, Flat, 3/8", 8, USS, Plt	each
119	1	WFP04000			Washer, Flat, 1/4", 5, Plt	each
120	1	WLA06000			Washer, Lock, 6mm, 8.8, Plt	each
122	8	WLA08000			Washer, Lock, 8mm, 8.8, Plt	each
130	11	WLA10000			Washer, Lock, 10mm, 8.8, Plt	each
140	1	WLA12000			Washer, Lock, 12mm, 8.8, Plt	each
150	1	WLP04000			Washer, Lock, 1/4", 5, Plt	each



NOTE:
SHOWING TRANSARCTIC
COMPRESSOR PART#
CMV13080 (TM-21) 215 cc.
AS REFERENCE.



NOTE:
TORQUE TO: 50 FT-LB.
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 "TRANSARCTIC A/C COMPRESSOR MOUNT INSTALLATION DISCLAIMER".

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
33	1	EACH	WLA12000	WASHER, LOCK, 12mm, 8.8, PLT
32	13	EACH	WLA10000	WASHER, LOCK, 10mm, 8.8, PLT
31	8	EACH	WLA08000	WASHER, LOCK, 8mm, 8.8, PLT
30	1	EACH	WFS06001	WASHER, FLAT, WIDE, 3/8", 8, PLT
29	1	EACH	WFA12002	WASHER, FLAT, 12mm, HVY, 8.8, PLT
28	1	EACH	WFA10002	WASHER, FLAT, 10mm, HVY, 8.8, PLT
27	12	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
26	8	EACH	WFA08000	WASHER, FLAT, 8mm, 8.8, PLT
25	1	EACH	TEN80002	TENR, HD SPRING, BACKSIDE, CCW
24	5	EACH	SPC19010	SPACER, COL, DRL, 19.05mm x25.4o x10.57
23	5	EACH	SLV17010	SLEEVE, PULLEY, 16.9o x 22.23mm x 10.321
22	1	EACH	SCD24512	SPACER, COL, DRL, 24.45mm x 25.4o x 12.3
21	1	EACH	PUL89029	PULLEY, CRANK, ISL, 8.9L, P8, 8", 22
20	2	EACH	PUL81074	PULLEY, IDLER, FRONTSIDE, P8, 74d x 39w
19	3	EACH	PUL80076	PULLEY, IDLER, BACKSIDE, P8, 76D, 39W
18	7	EACH	NFA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
17	1	EACH	CSS10055	CAPSCREW, SH, 12 x 1.25 x 55mm, 12.9, PLT
16	1	EACH	CSF10041	CAPSCREW, FH, 10 x 1.5 x 40mm, 10.9, PLT
15	2	EACH	BTS10001	BOLT, SHOULDER, 10mm (IDLER PULLEY)
14	1	EACH	BTC12140	BOLT, HEX, 12 x 1.75 x 140mm, 10.9, PLT
13	1	EACH	BTC10090	BOLT, HEX, 10 x 1.5 x 90mm, 10.9, PLT
12	1	EACH	BTC10080	BOLT, HEX, 10 x 1.5 x 80mm, 10.9, PLT, FT
11	4	EACH	BTC10070	BOLT, HEX, 10 x 1.5 x 70mm, 10.9, PLT
10	5	EACH	BTC10055	BOLT, HEX, 10 x 1.5 x 55mm, 10.9, PLT
9	3	EACH	BTC10040	BOLT, HEX, 10 x 1.5 x 40mm, 10.9, PLT
8	1	EACH	BTC10030	BOLT, HEX, 10 x 1.5 x 30mm, 10.9, PLT
7	2	EACH	BTC10025	BOLT, HEX, 10 x 1.5 x 25mm, 10.9, PLT
6	8	EACH	BTC08100	BOLT, HEX, 8 x 1.25 x 100mm, 10.9, PLT
5	1	EACH	BMZ00064	BKT, UPPER, DUAL TM-21, SPACER
4	1	EACH	BMC90060	BKT, MAIN, WELDMT, TBB, P8, 21
3	1	EACH	BMC83046	BKT, BRACE, P/S, 8.3L, 09'
2	1	EACH	BMC67109	BKT, SHROUD, COVER, BBCV, 12 Ga., 13
1	1	EACH	BEL82590	BELT, 8 GR, 2540mm (102") (5081020)

BILL OF MATERIALS

DRAWN: vjakowlew 11/2/2021
 CHECKED: Jose Rodriguez 11/2/2021
 RELEASED TO PRODUCTION: 11/02/2021

REV: ECN: DESCRIPTION: DATE: BY: APPROVED: 11/2/2021

James Stewart
 Dale Mason
 James Stewart

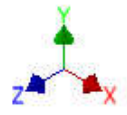
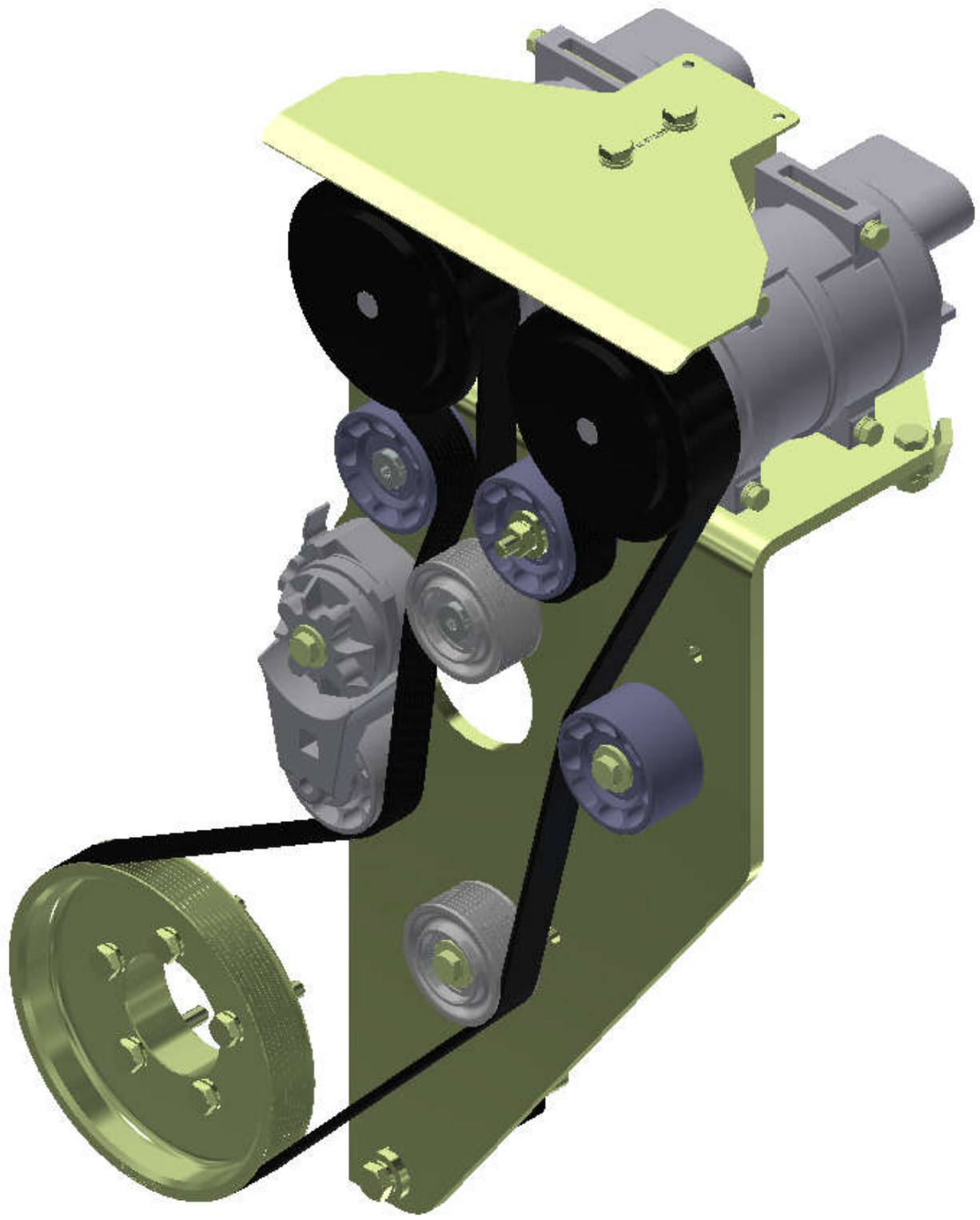
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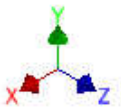
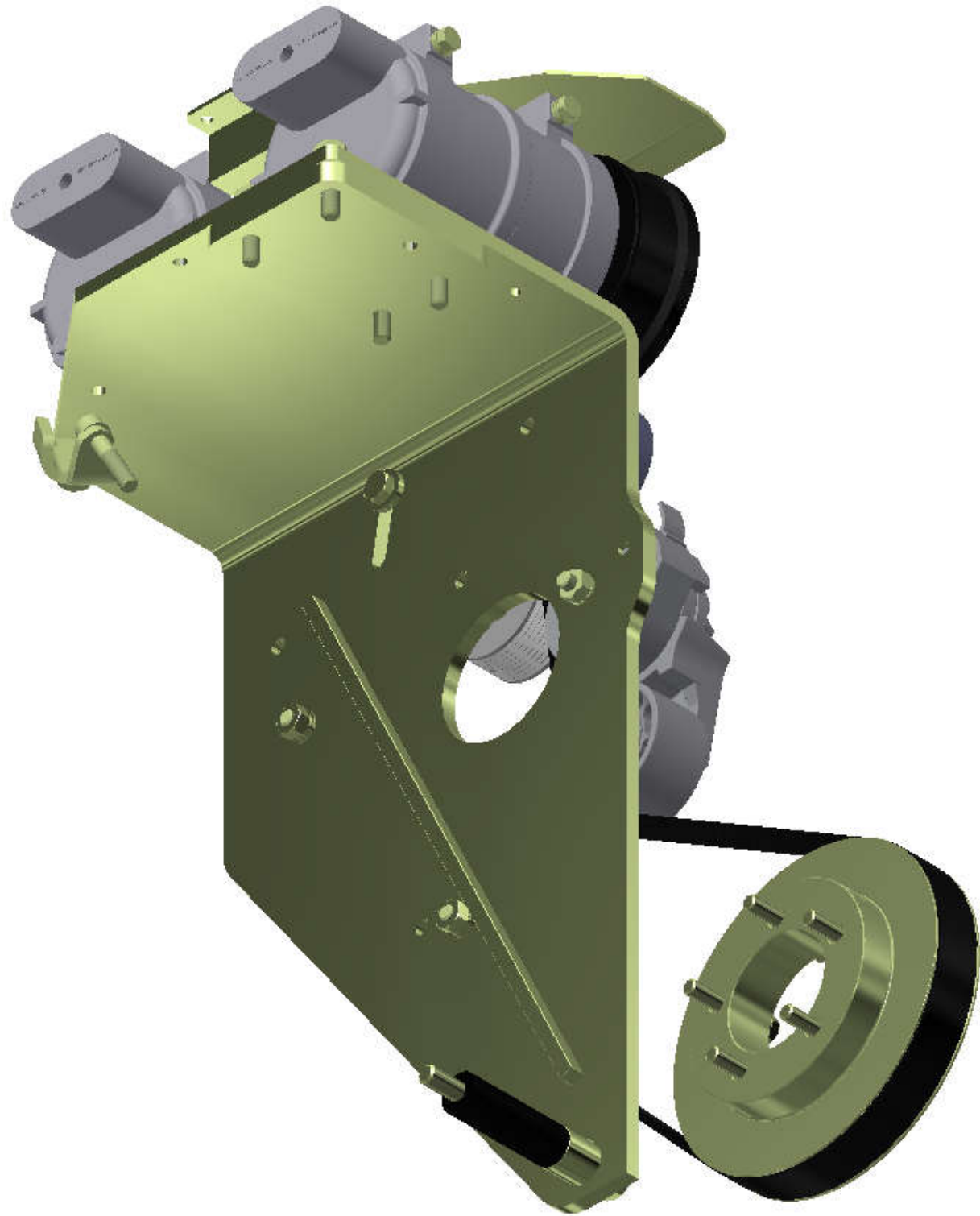
UNSPECIFIED TOLERANCES:
 ONE DECIMAL PLACE (X1) MM MIC
 TWO DECIMAL PLACE (XX) MM .010
 THREE DECIMAL PLACE (XXX) MM .005
 FRACTIONS: 1/16" ANGULAR: .5°

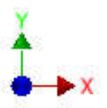
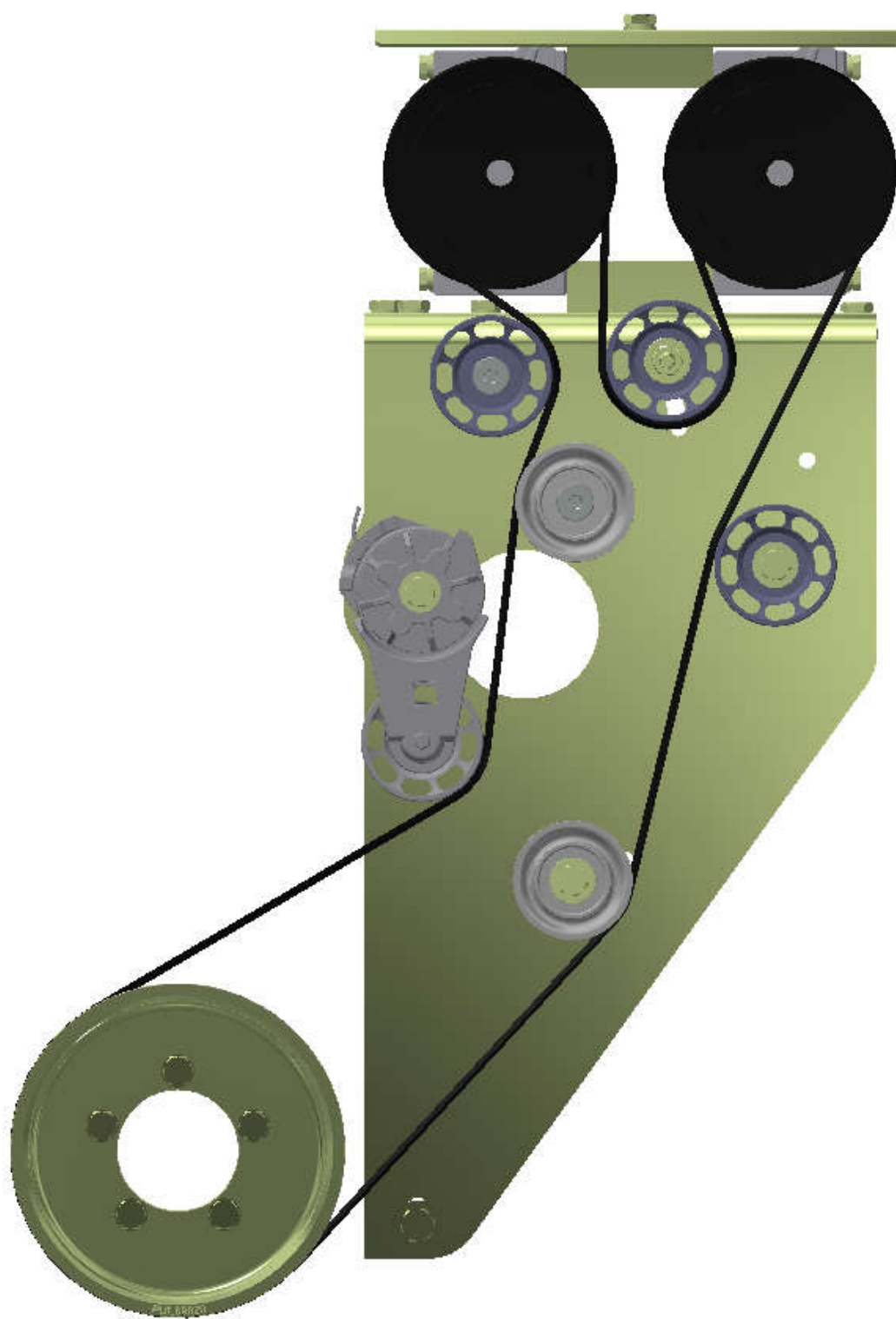
THIRD ANGLE PROJECTION

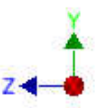
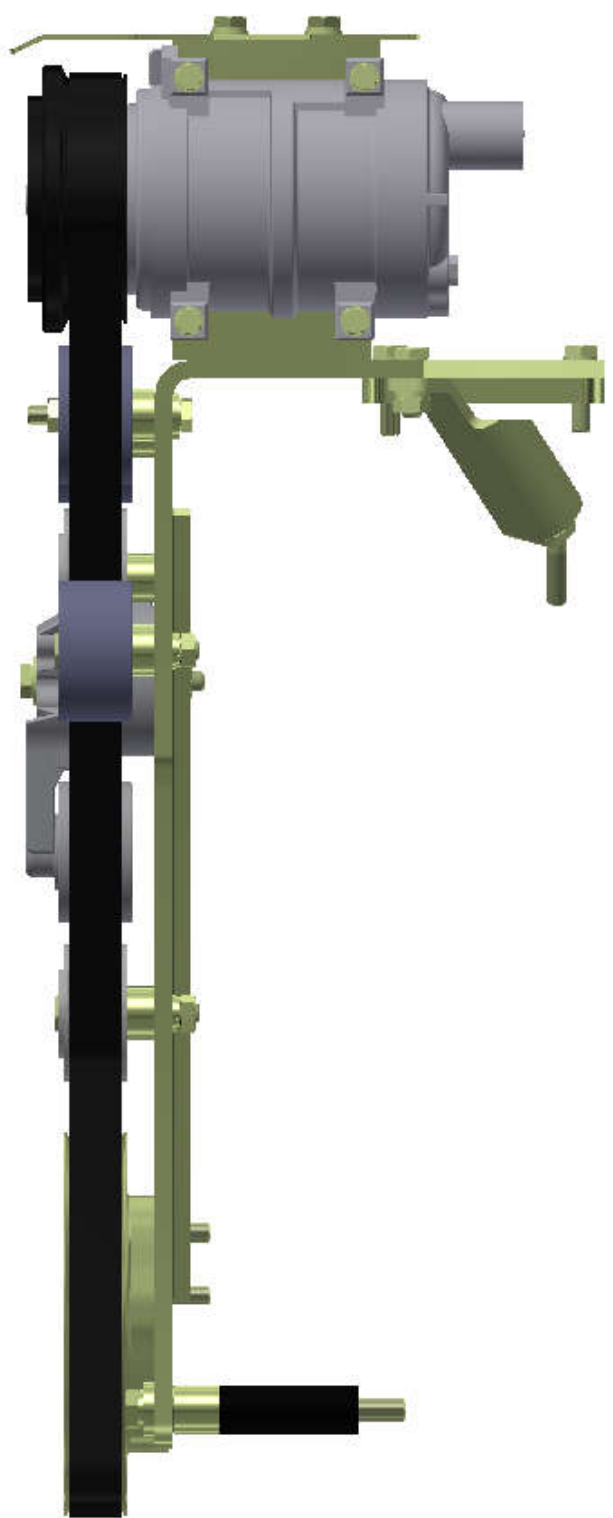
DRAWING UNIT OF MEASURE: MM (INCH)
 SCALE: 1:4

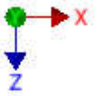
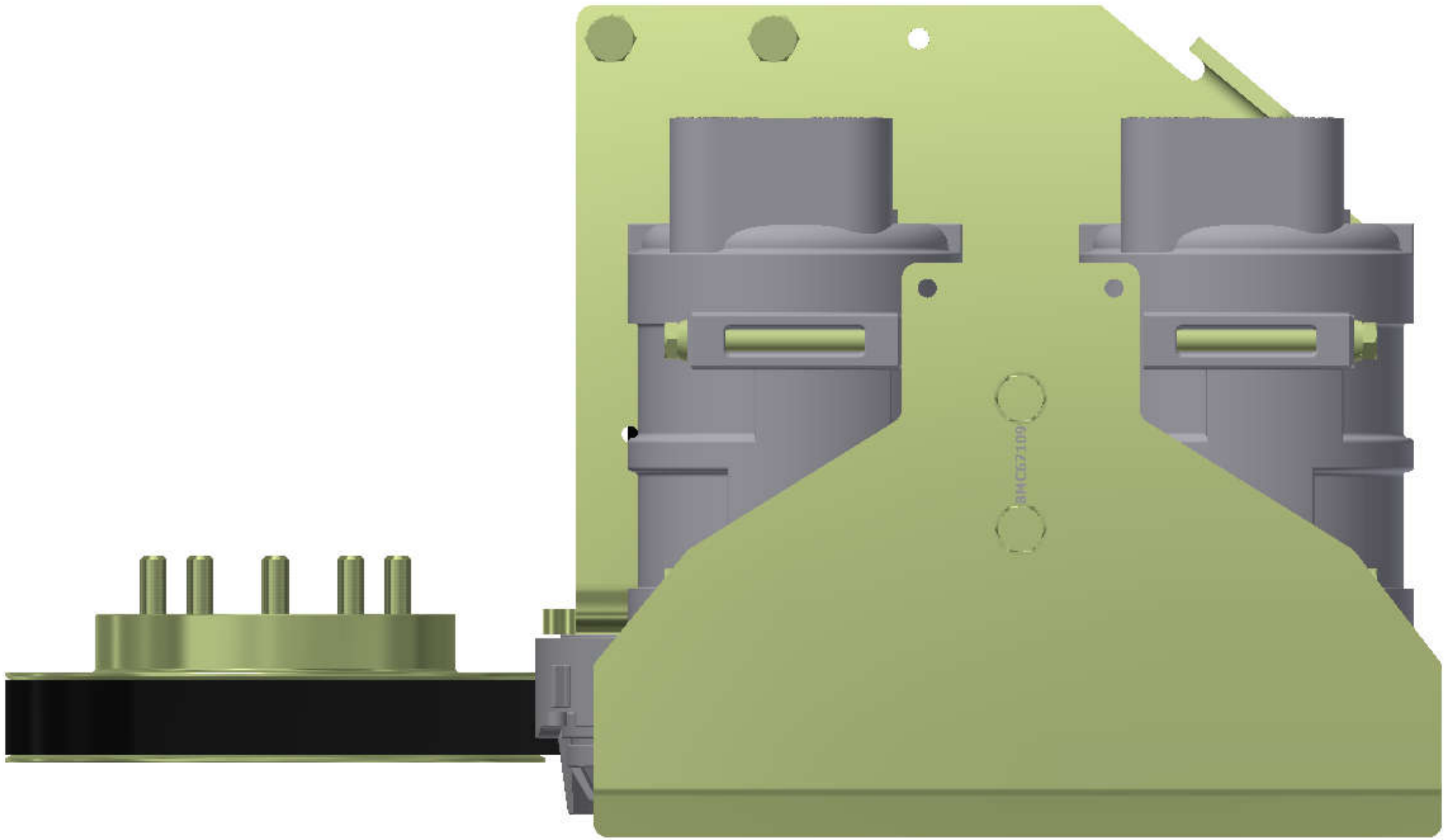
TRANSARCTIC INC.
 TITLE: Mt Kit, ISL-D, HDX-ER, 2 TM-21, '21
 SIZE: DWG NO: KMC92697
 SHEET 1 OF 1





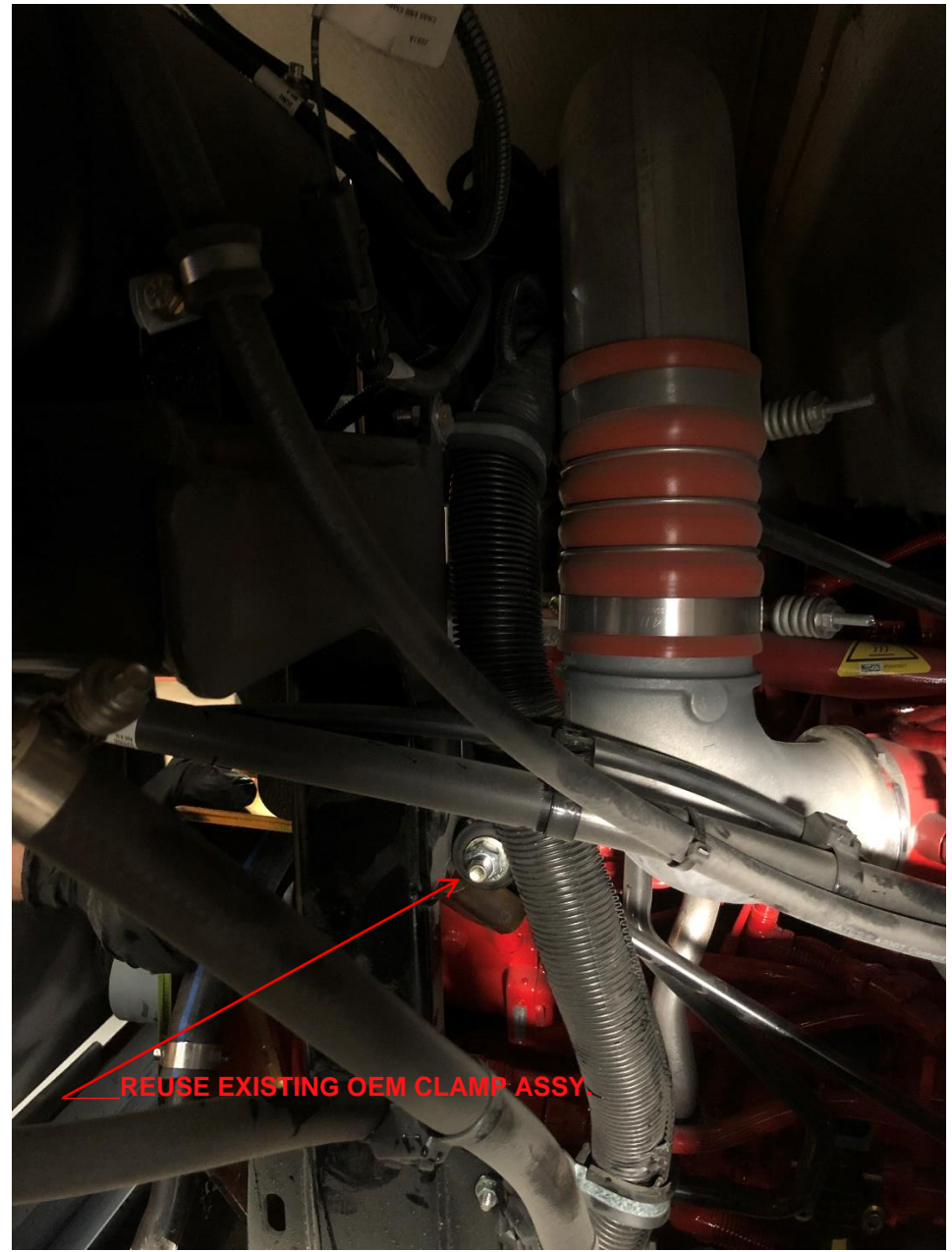




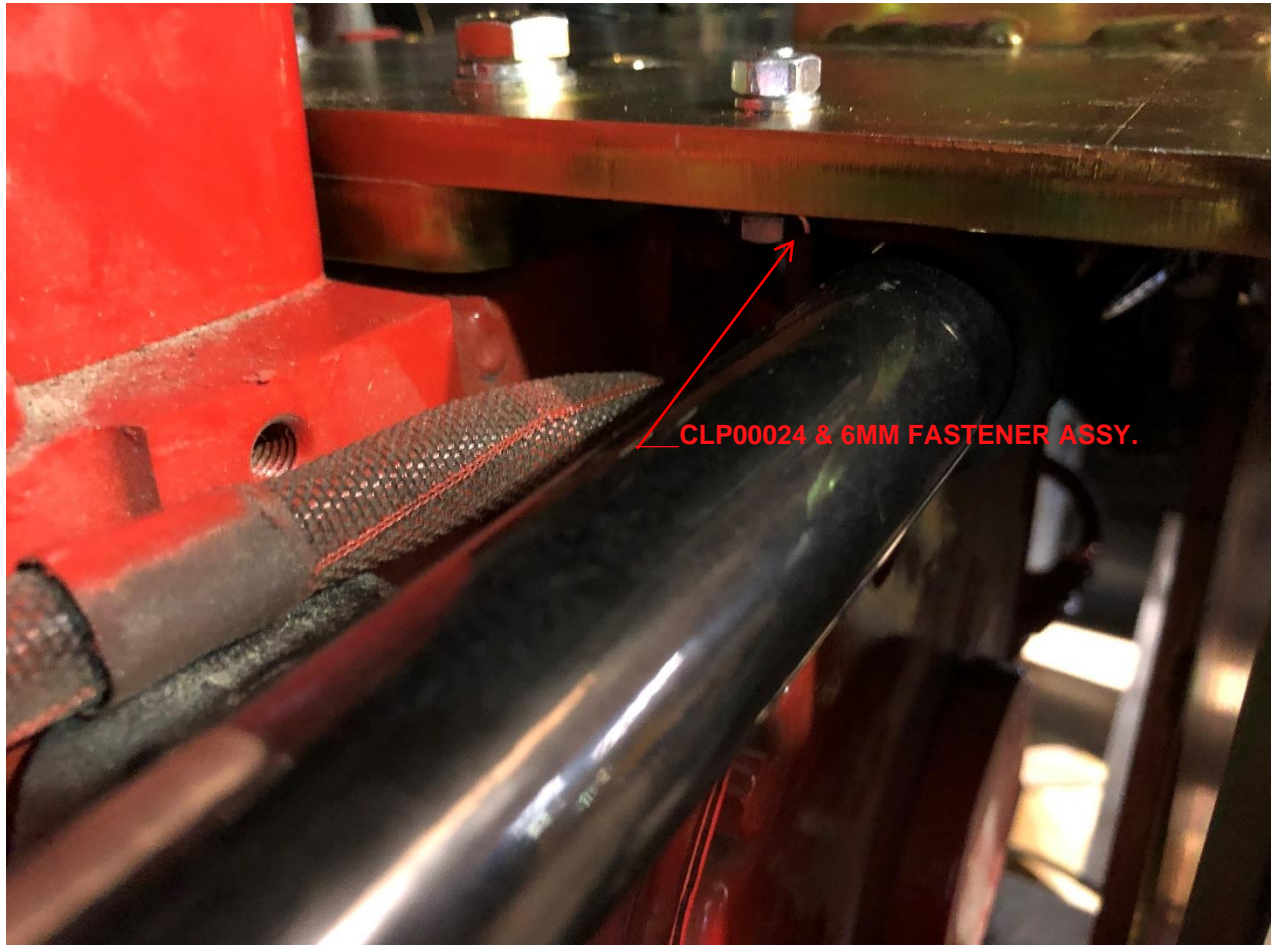




-DRAIN RESEVOIR TANK & ENGINE ENOUGH TO MODIFY THE OUTLET ASS'Y AS SHOWN.



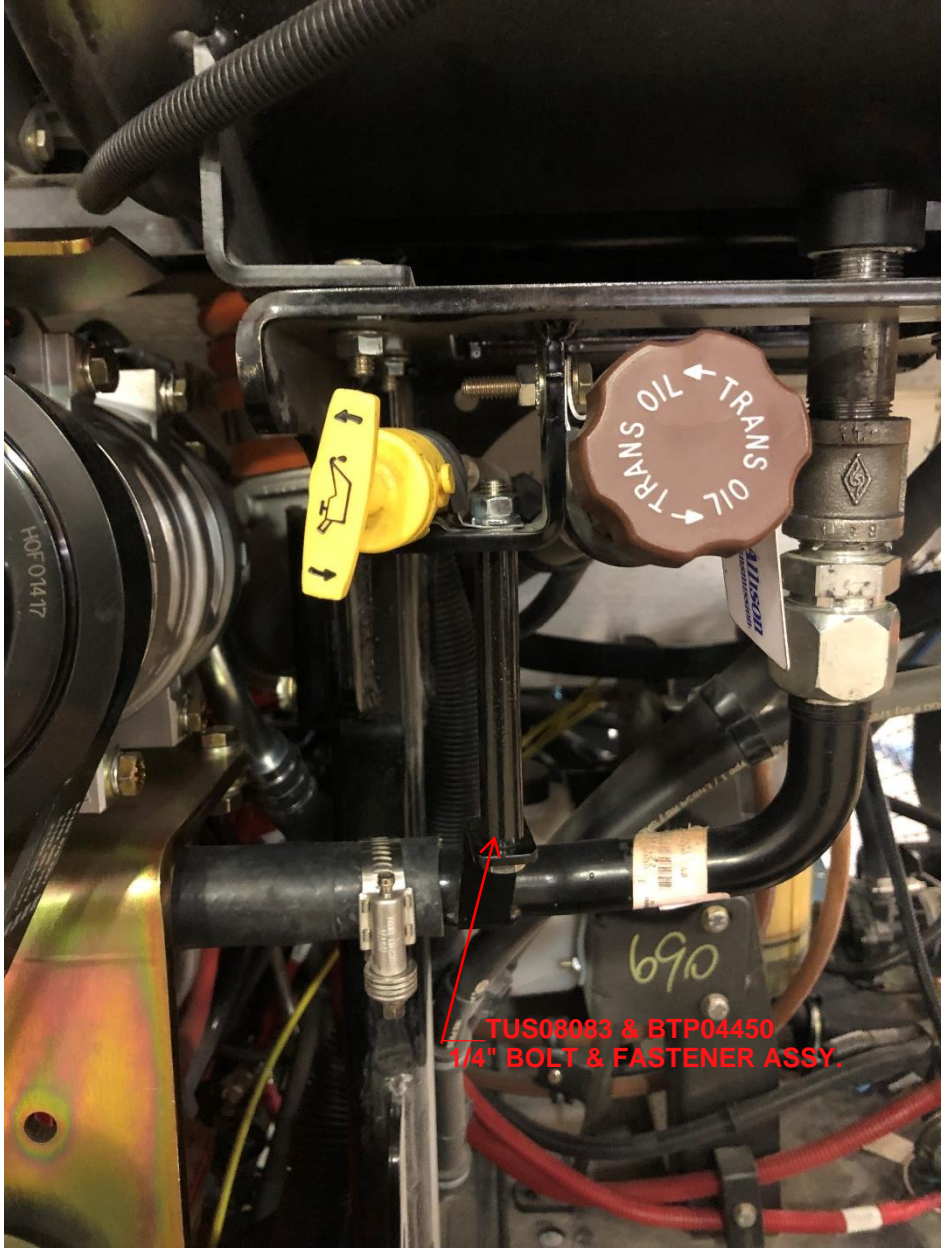
-RELOCATE EXISTING VERTICAL LOOM LINE TO OUTSIDE OF P/S POST BRACKET TO CLEAR MOUNT INSTALLATION. (IF REQUIRED.)



CLP00024 & 6MM FASTENER ASSY.



CAREFULLY CUT OFF OEM COOLANT LINE BRACKET.



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