

# Bill of Materials Listing

TransArctic Canada Inc.

6/6/2006

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Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
<b>KMK71051</b>		<b>Mt Kit, C7, A3FE, 1 TM-16, P/S, P4</b>		<b>12/10/2003</b>	<b>48.60</b>		<b>0</b>
10	BEL41143	Belt, 4gr, 1143mm (45.0") (5040450)		each	1		
20	BMK70007	Bkt, Main, Assy, C7, A3FE, P/S, P4		each	1		
30	BMS60005	Bkt, Cradle, Front, TM-16, 3126, U/S, P4		each	1		
40	BMS60006	Bkt, Cradle, Rear, TM-16, 3126, U/S, P4		each	1		
50	PUL71008	Pulley, Crank, C7, P8, 8" dia, .5"		each	1		
60	FSP59286	Spacer, Fan, Pulley, ISB, 28.6mm (1.13")		each	1		
70	SPC28610	Spacer, Col, Drl, 28.6mm x 25.4o x 10.3i		each	2		
75	BMK70026	Bkt, Spacer, Pl, C7, 12" Damper, 3/16"Thk		each	1		
80	TEN40002	Tenr, Mini, Assy, Spring, BkSide, CCW		each	1		
90	BAK71051	Bag Kit, Fasteners, KMK71051		each	1		

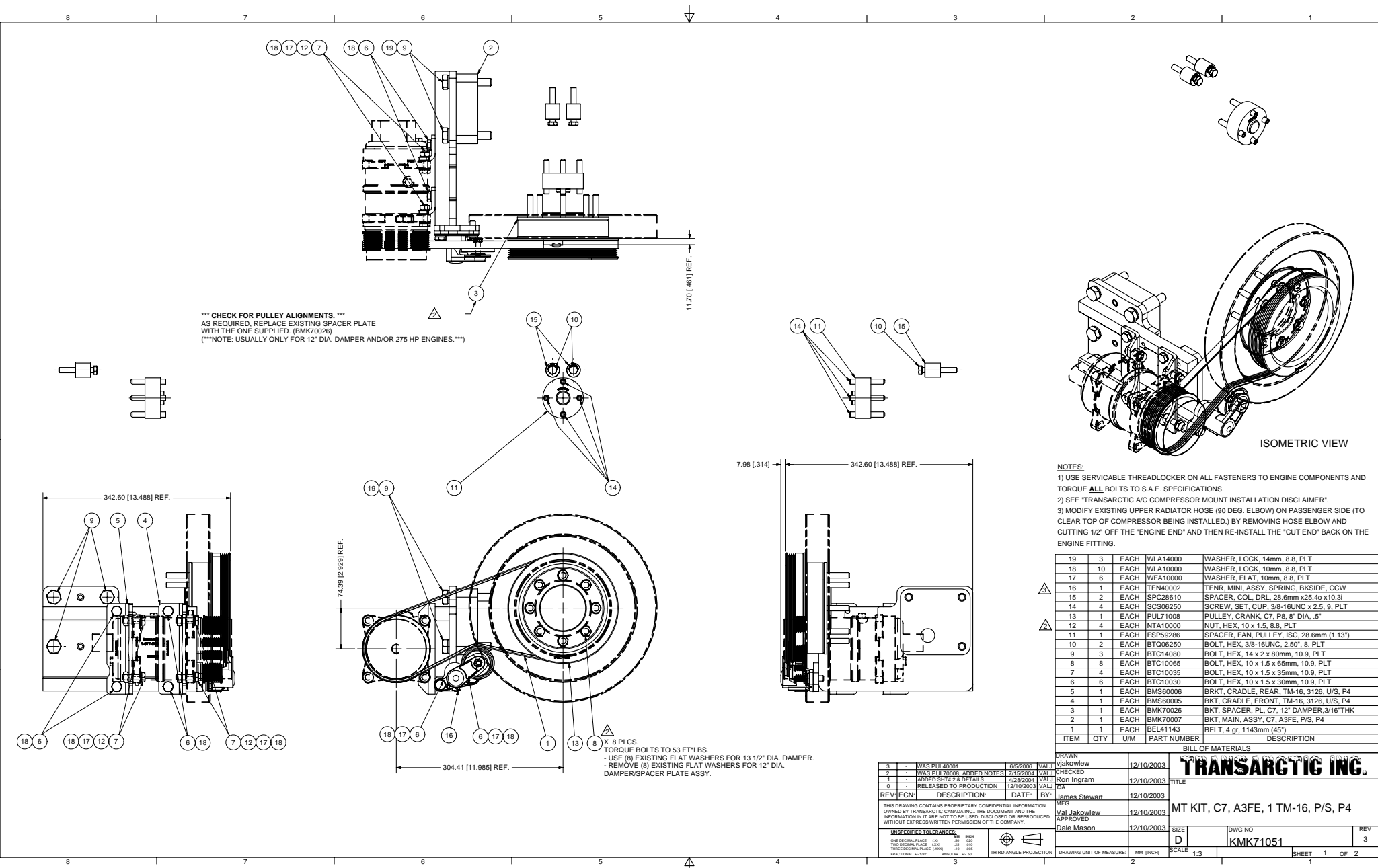
# Bill of Materials Listing

TransArctic Canada Inc.

8/20/2005

Page 1 of 1

Product Number		Description	Bin	Date	Weight	Uof M	Yield
Line	Component Prod#	Description		Unit	Qty		
<b>BAK71051</b>		<b>Bag Kit, Fasteners, KMK71051</b>		<b>12/10/2003</b>	<b>2.82</b>		<b>0</b>
10	SCS06250	Screw, Set, Cup, 3/8-16 x 2.5, 9, Plt		each	4		
20	BTC14080	Bolt, Hex, 14 x 2 x 80mm, 10.9, Plt		each	3		
30	BTC10065	Bolt, Hex, 10 x 1.5 x 65mm, 10.9, Plt		each	8		
40	BTC10035	Bolt, Hex, 10 x 1.5 x 35mm, 10.9, Plt		each	4		
50	BTC10030	Bolt, Hex, 10 x 1.5 x 30mm, 10.9, Plt		each	6		
60	BTQ06250	Bolt, Hex, 3/8-16unc, 2.50", 8, Plt		each	2		
70	NTA10000	Nut, Hex, 10 x 1.5, 8.8, Plt		each	4		
80	WFA10000	Washer, Flat, 10mm, 8.8, Plt		each	6		
90	WLA14000	Washer, Lock, 14mm, 8.8, Plt		each	3		
100	WLA10000	Washer, Lock, 10mm, 8.8, Plt		each	10		



**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) MODIFY EXISTING UPPER RADIATOR HOSE (90 DEG. ELBOW ON PASSENGER SIDE (TO CLEAR TOP OF COMPRESSOR BEING INSTALLED)) BY REMOVING HOSE ELBOW AND CUTTING 1/2" OFF THE 'ENGINE END' AND THEN RE-INSTALL THE 'CUT END' BACK ON THE ENGINE FITTING.

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
19	3	EACH	WLA14000	WASHER, LOCK, 14mm, 8.8, PLT
18	10	EACH	WLA10000	WASHER, LOCK, 10mm, 8.8, PLT
17	6	EACH	WFA10000	WASHER, FLAT, 10mm, 8.8, PLT
16	1	EACH	TEN40002	TENR. MINI. ASSY, SPRING, BKSIDE, CCW
15	2	EACH	SPC28610	SPACER, COL, DRL, 28.6mm x25.40 x10.3i
14	4	EACH	SCS06250	SCREW, SET, CUP, 3/8-16UNC x 2.5, 9, PLT
13	1	EACH	PUL71008	PULLEY, CRANK, C7, P8, 8" DIA., 5"
12	4	EACH	NTA10000	NUT, HEX, 10 x 1.5, 8.8, PLT
11	1	EACH	FSP52286	SPACER, FAN, PULLEY, ISC, 28.6mm (1.13")
10	2	EACH	BTC06250	BOLT, HEX, 3/8-16UNC, 2.50", 8, PLT
9	3	EACH	BTC14080	BOLT, HEX, 14 x 2 x 80mm, 10.9, PLT
8	8	EACH	BTC10065	BOLT, HEX, 10 x 1.5 x 65mm, 10.9, PLT
7	4	EACH	BTC10035	BOLT, HEX, 10 x 1.5 x 35mm, 10.9, PLT
6	6	EACH	BTC10030	BOLT, HEX, 10 x 1.5 x 30mm, 10.9, PLT
5	1	EACH	BMS60006	BRKT, CRADLE, REAR, TM-16, 3126, U/S, P4
4	1	EACH	BMS60005	BKT, CRADLE, FRONT, TM-16, 3126, U/S, P4
3	1	EACH	BMK70026	BKT, SPACER, PL, C7, 12" DAMPER, 3/16" THK
2	1	EACH	BMK70007	BKT, MAIN, ASSY, C7, A3FE, P/S, P4
1	1	EACH	BEL11143	BELT, 4 gr, 1143mm (45")

**BILL OF MATERIALS**

REV	DESCRIPTION	DATE	BY	APPROVED
3	WAS PUL4001	6/5/2006	Vjakovlew	
2	WAS PUL7008	7/15/2004	Vjakovlew	
1	ADDED SHIP 2 & DETAILS	4/28/2004	Ron Ingram	
0	RELEASED TO PRODUCTION	12/10/2003	GA	
REV	DESCRIPTION	DATE	BY	APPROVED
3		12/10/2003	James Stewart	
2		12/10/2003	MFS	
1		12/10/2003	Val Jakovlew	
0		12/10/2003	Dale Mason	

**TRANSARCTIC INC.**

MT KIT, C7, A3FE, 1 TM-16, P/S, P4

UNSPECIFIED TOLERANCES:

SIZE	FRAC	DEC	ANG
0.001	0.001	0.001	0.001
0.002	0.002	0.002	0.002
0.005	0.005	0.005	0.005
0.010	0.010	0.010	0.010
0.020	0.020	0.020	0.020
0.050	0.050	0.050	0.050
0.100	0.100	0.100	0.100
0.200	0.200	0.200	0.200
0.500	0.500	0.500	0.500
1.000	1.000	1.000	1.000
2.000	2.000	2.000	2.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
20.000	20.000	20.000	20.000
50.000	50.000	50.000	50.000
100.000	100.000	100.000	100.000
200.000	200.000	200.000	200.000
500.000	500.000	500.000	500.000
1000.000	1000.000	1000.000	1000.000

THIRD ANGLE PROJECTION

DRAWING UNIT OF MEASURE: MM [INCH]

SCALE: 1:3

DWG NO: KMK71051

REV: 3

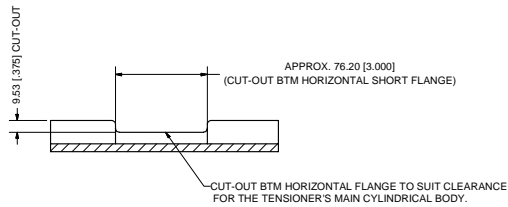
SHEET 1 OF 2

DRIVER'S  
SIDE

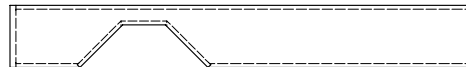
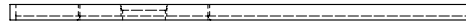
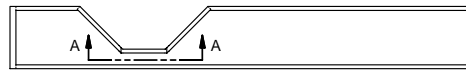
FRONT  
>>>>>

PASSENGER  
SIDE

**OEM FRONT CROSSMEMBER ASSEMBLY  
MODIFICATION**



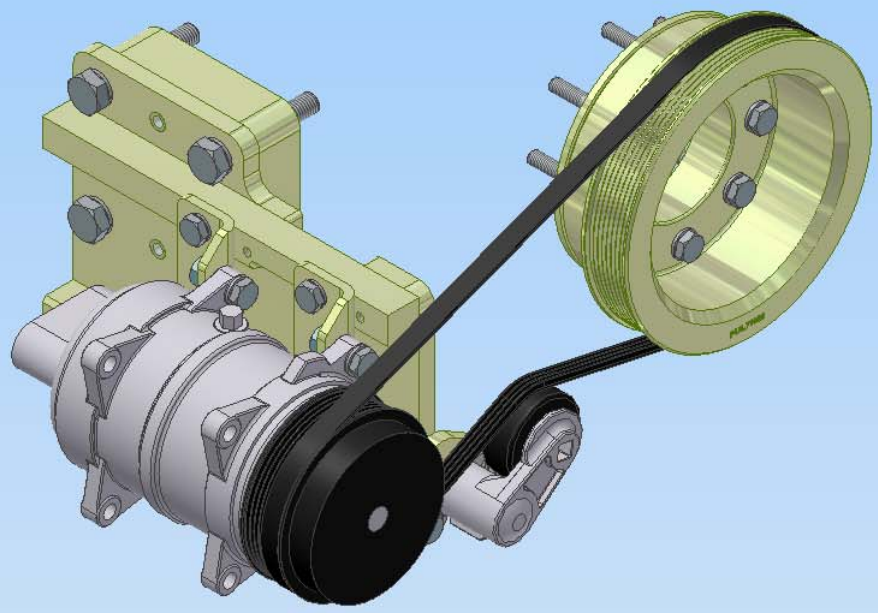
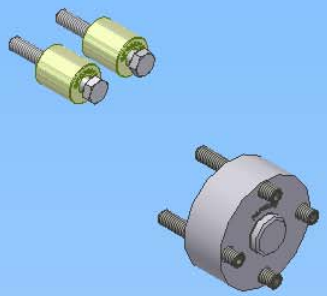
SECTION A-A  
SCALE 1/2



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) MODIFY EXISTING UPPER RADIATOR HOSE (90 DEG. ELBOW) ON PASSENGER SIDE (TO CLEAR TOP OF COMPRESSOR BEING INSTALLED.) BY REMOVING HOSE ELBOW AND CUTTING 1/2" OFF THE "ENGINE END" AND THEN RE-INSTALL THE "CUT END" BACK ON THE ENGINE FITTING.
- 4) MODIFY THE CHASSIS'S "FRONT CROSSMEMBER" BOTTOM FLANGE TO SUIT THE PASSENGER SIDE COMPRESSOR'S TENSIONER PULLEY ASSEMBLY. REMOVE 3/8" X BOTTOM SHORT FLANGE OF THE PASSENGER SIDE "RAD HOSE CLEARANCE ARCH" TO ALLOW FOR CLEARANCE OF THE PASSENGER SIDE TENSIONER'S MAIN CYLINDRICAL POST.
- 5) AS REQUIRED, REPLACE EXISTING 5/16" THICK SPACER PLATE WITH THE ONE SUPPLIED. (BMK70026) AFTER CHECKING PULLEY ALIGNMENTS. (\*\*NOTE: THIS SHOULD ONLY PERTAIN TO 12" DIA. DAMPER AND/OR 275 HP ENGINES.\*\*)

3		WAS PUL 4001	8/5/2006	VAL	Vjakowlew	12/10/2003	<b>TRANSARCTIC INC.</b> TITLE MT KIT, C7, A3FE, 1 TM-16, P/S, P4 SIZE D DWG NO KMK71051 REV 3
2		WAS PUL 7008	ADDED NOTES 7/15/2004	VAL	Checked	12/10/2003	
1		ADDED SHFT 2 & DETAILS	4/28/2004	VAL	Ron Ingram	12/10/2003	
0		RELEASED TO PRODUCTION	12/8/2003	VAL	GA	12/12/2003	
REV	ECN	DESCRIPTION	DATE	BY	APPROVED		
				James Stewart	12/10/2003		
				Val Jakowlew	12/10/2003		
				Dale Mason	12/10/2003		
UNspecified TOLERANCES: ONE DECIMAL PLACE (X) .00 .000 TWO DECIMAL PLACE (XX) .00 .000 THREE DECIMAL PLACE (XXX) .00 .000 FRACTIONAL (1/16) ANGULAR +/- .05							DRAWING UNIT OF MEASURE MM [INCH]
SCALE 1:4 SHEET 2 OF 2							



## **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. 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.