

TRANSARGTIG 1-877-GOLD-AIR



↑ KDA00202 – KDA00212 ↑

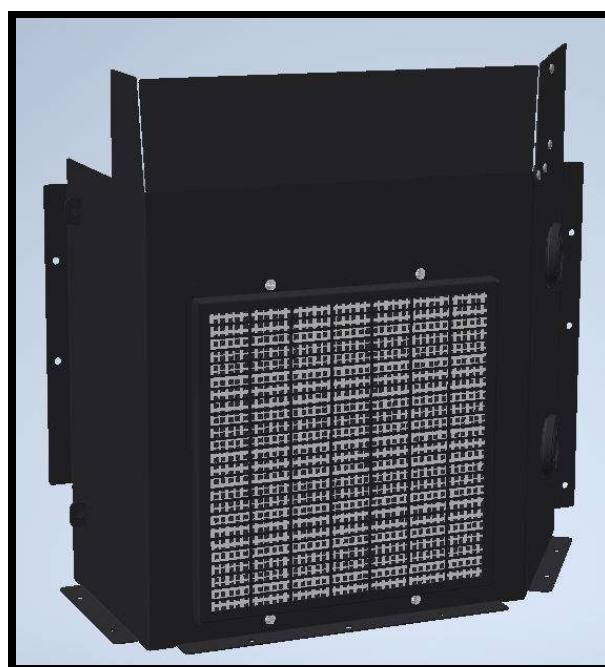
**SERVICE PARTS LIST
&
INSTALLATION INSTRUCTIONS.**

**12V DASH AIR COOL AND HEAT/COOL
UNITS**

Rev 10026

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INTRODUCTION:

This system is a KDA00202 - Cool Only or KDA00212 - Heat/Cool Combo. 12v Dual Scroll
3 Speed Blower, 537CFM.

System Charge = (Varies depending on Stand Alone Unit or Tie In) 0.00lbs – R134A Refrigerant

SERVICE PARTS ORDERING INSTRUCTIONS:

Orders must include: The Unit Serial Number, Part Number and quantity required along with part
Description as shown on the parts list.

Note: S/N Located just above Evaporator coil behind Air Intake.



TransArctic. of Southern Georgia.

Perry GA. 31069

System Sales

Dale Mason
dmason@transarctic.com

.....

Parts Sales

Rebecca Yeoman
ryeoman@transarctic.com

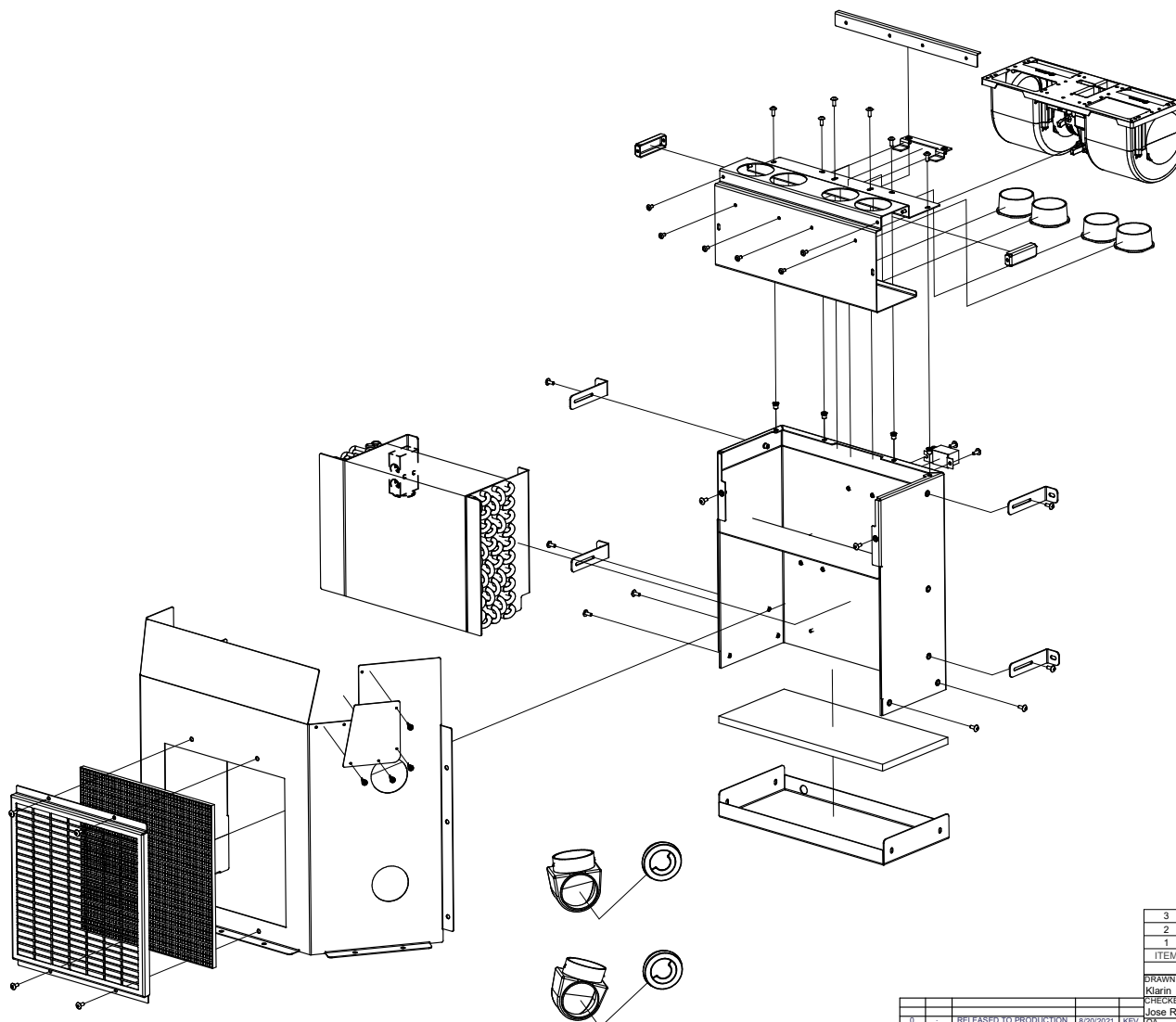
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Kevin Harris
kharris@transarctic.com

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KDA00200 - 210 MAIN ASSEMBLY

KDA00202 - 210 MAIN ASSEMBLY



3	1	EACH	EVC00207	EVAP. COIL, 10" X 11" X 7 ROW-H/C
2	1	EACH	EBX00215	BKT. ASSEMBLY, FILTER ENCLOSURE
1	1	EACH	KDA00200	ASSY. MAIN, IN DASH A/C-C/O
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN				
Klarin			8/24/2021	
CHECKED			8/24/2021	
Jose Rodriguez			8/24/2021	
OR			8/24/2021	
Val Jakowlew			8/24/2021	
BY			8/24/2021	
James Stewart			8/24/2021	
APPROVED			8/24/2021	
Dale Mason			8/24/2021	
TITLE			ASSY. MAIN, IN DASH A/C-H/C	
SIZE			D	
DWG NO			KDA00210	
REV			0	
SCALE			1:4	
SHEET			1	OF 5

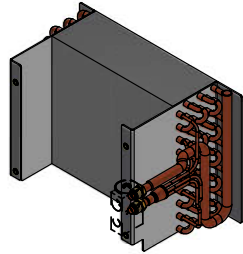
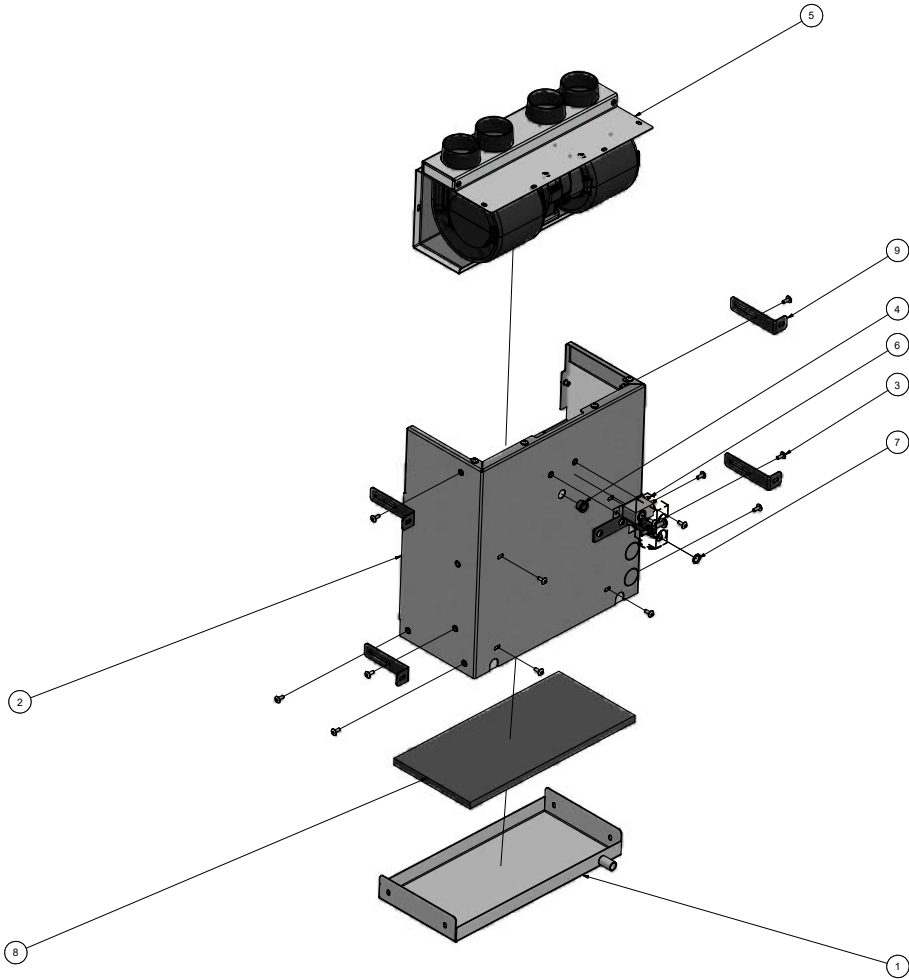
UNSPECIFIED TOLERANCES:	ALL DIMS	THIRD ANGLE PROJECTION
ONE DECIMAL PLACE (X)	IN	
TWO DECIMAL PLACE (XX)	IN	
THREE DECIMAL PLACE (XXX)	IN	
FRACTIONAL (1/16")	IN	

0"	RELEASED TO PRODUCTION	8/20/2021	KEY
REV	ECN	DESCRIPTION	DATE
1			

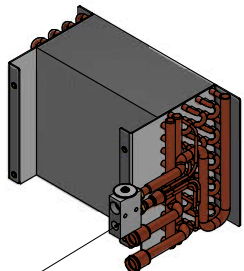
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KDA00200 - MAIN ASSEMBLY

KDA00202- MAIN ASSEMBLY



EVC00205
COOL ONLY



VAL00000

EVC00207
HEAT / COOL

22	1	EACH	NTM04002	NUT, HEX, 1/4-28UNF, 18-8, SS
21	1	EACH	BTS04201	BOLT, HEX, 1/4-28UNF x 2.00, 18-8, SS
20	1	EACH	WLS04000	WASHER, LOCK, 1/4", 18-8, SS
19	2	EACH	WFS04001	WASHER, FLAT, 1/4", 18-8, SS
18	1	EACH	EBX00217	BKT, SUPPORT, BLOCK TX, VALVE
10	1	EACH	EVC00205	EVAP. COIL, 10H" X11L" X 5 ROW-C/O
9	4	EACH	EBX00211	BKT, KDA00200, MOUNT
8	1	EACH	FOA00200	FOAM, ANTI SPLASH, 8" x 15", DP, EBX00207
7	2	EACH	ORS20738	O RING, SEAL, 1/2" OD, R-134
6	1	EACH	SWF18685	THERMOSTAT, FREEZE OUT 18" ADJUSTABLE
5	1	EACH	EBX00214	ASSY, BLOWER HOUSING
4	1	EACH	24103	BUSHING, SNAP, PLASTIC, 1/2" ID.
3	22	EACH	STS03050	SCREW, TH, PD, 10-32x .50, ST, PLT
2	1	EACH	EBX00213	ASSY, MAIN BODY
1	1	EACH	EBX00207	BKT, WELDMNT, DRAIN PAN

ITEM				QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS							
DRAWN				8/24/2021			
Klarin				8/24/2021			
CHECKED				8/24/2021			
Jose Rodriguez				8/21/2021			
BY				8/21/2021			
Val Jakowlew				8/24/2021			
APPROVED				8/24/2021			
James Stewart				8/24/2021			
DATE				8/24/2021			
Dale Mason				8/24/2021			
UNSPECIFIED TOLERANCES:				INCHES			
ONE DECIMAL PLACE (X)				.005			
TWO DECIMAL PLACE (XX)				.0005			
THREE DECIMAL PLACE (XXX)				.0001			
FRACTIONAL, 16/100"				.0001			
FRACTIONAL, 32/100"				.0001			
THIRD ANGLE PROJECTION				THIRD ANGLE PROJECTION			
DRAWING UNIT OF MEASURE				MM (INCH)			
SCALE				1 : 4			
SHEET				2 OF 5			

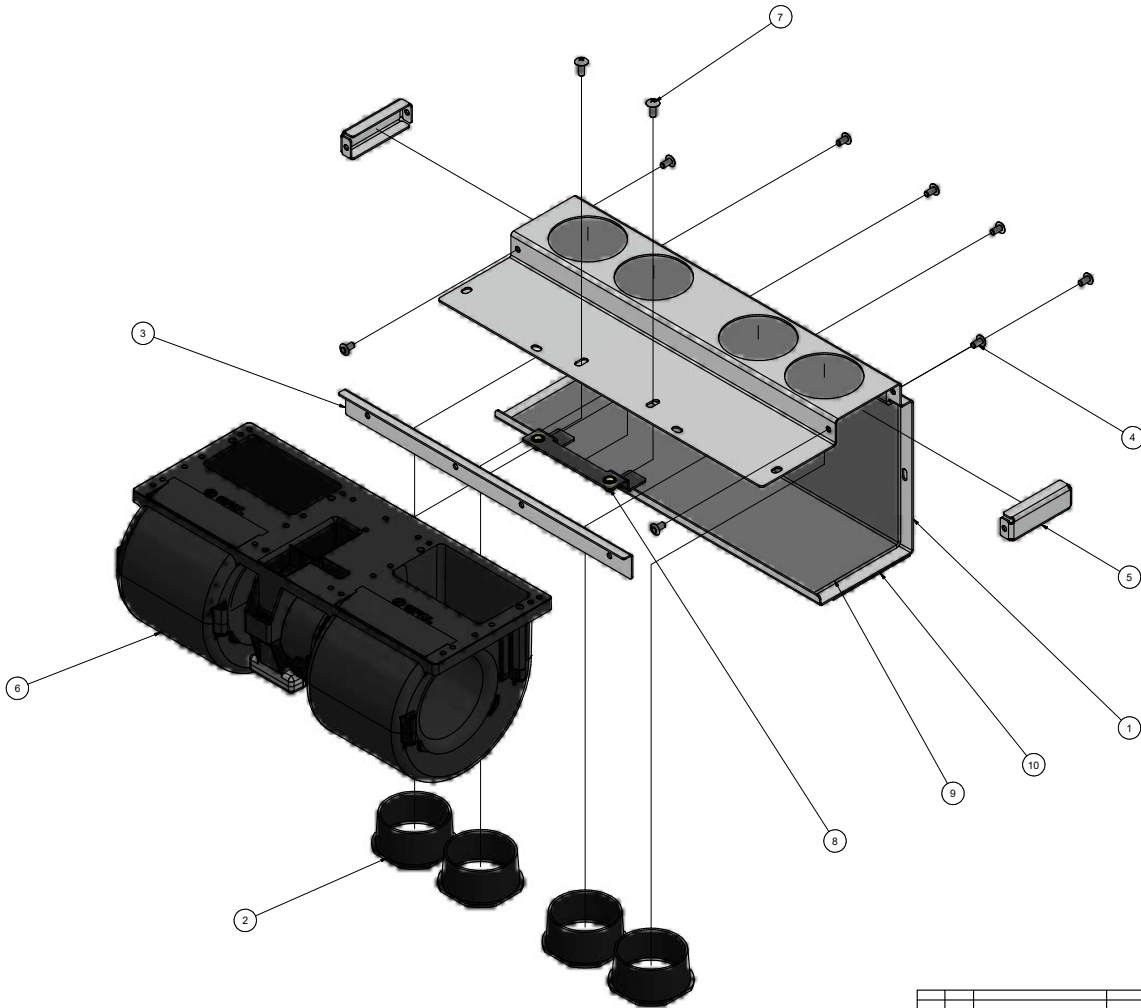


ASS'Y, MAIN, IN DASH A/C-H/C

KDA00210

EBX00214 - ASSEMBLY BLOWER HOUSING

SEE KLA00202-210 BOM. FOR 2" LOUVERS.

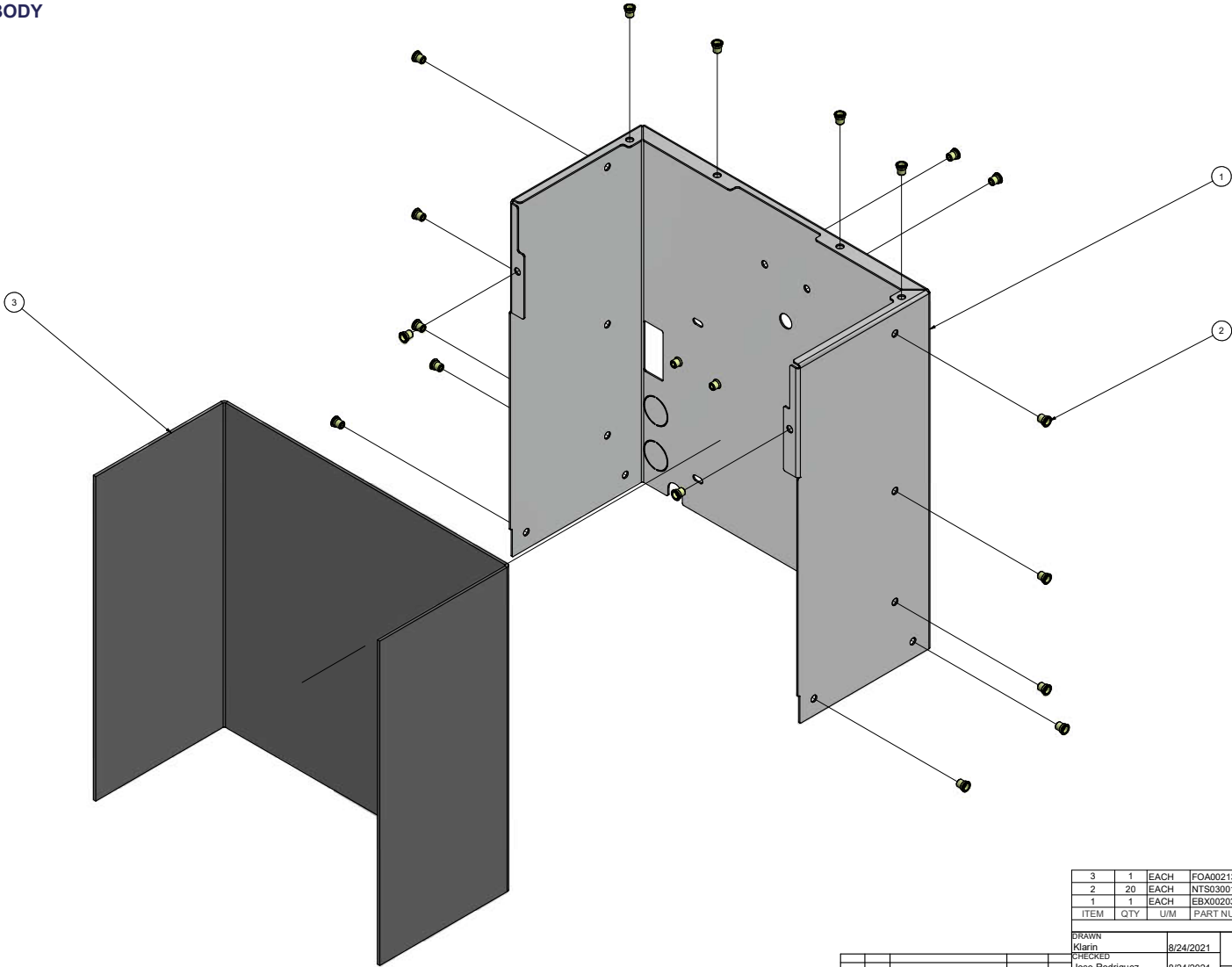


10	1	EACH	FOA00215	Gskt,Tape,Neoprene, 3 -1/2"x 1/16"x14.5"
9	1	EACH	FOA00214	FOAM, ANTI SWEAT, 1/8" x 16.75" x 13.75"
8	1	EACH	EBX00216	ASSEMBLY, BLOWER TIE DOWN
7	2	EACH	STS03050	SCREW, TH, PD, 10-32x .50, ST, PLT
6	1	EACH	BLO12600	BLOWER, DUAL SCROLL, 3 SP, 12V
5	2	EACH	EBX00205	BKT, BLOWER CLOSE-OUT
4	8	EACH	RIV03029	Rivet, Closed End, 3/16", .06-.13, AL/ST
3	1	EACH	EBX00204	BKT, SUPPORT, BLOWER MOUNT
2	4	EACH	FTS31805	FTG, ADPT, STR, 2.5", ABS, BLK
1	1	EACH	EBX00201	BKT, BLOWER HOUSING

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN				
Klarin			8/24/2021	
CHECKED				
Jose Rodriguez			8/24/2021	
OR				
Vaj, Jakowlew			8/21/2021	
MFG				
James Stewart			8/24/2021	
APPROVED				
Dale Mason			8/24/2021	
TITLE				ASS'Y, MAIN, IN DASH A/C-H/C
SIZE				DWG NO
D				KDA00210
SCALE				1 : 2
DRAWING UNIT OF MEASURE				MM (INCH)
SHEET				3 OF 5

0	RELEASED TO PRODUCTION	8/20/2021	REV
REV	ECN	DESCRIPTION	DATE
1			
UNSPECIFIED TOLERANCES:			
ONE DECIMAL PLACE (X) .1			
THREE DECIMAL PLACE (XXX) .003			
FRACTIONAL, 16/1024			
THIRD ANGLE PROJECTION			

EBX00213 - ASSEMBLY MAIN BODY



0		RELEASED TO PRODUCTION		8/20/2021	KEY
REV	ECN	DESCRIPTION	DATE	BY	
				Jose Rodriguez	8/24/2021
				Vaj Jakowlew	8/21/2021
				James Stewart	8/24/2021
				Dale Mason	8/24/2021
UNSPECIFIED TOLERANCES:					
ONE DECIMAL PLACE (X) .125 INCH					
TWO DECIMAL PLACE (XX) .005 INCH					
THREE DECIMAL PLACE (XXX) .001 INCH					
FRACTIONAL, AS SHOWN					
				THIRD ANGLE PROJECTION	
				DRAWING UNIT OF MEASURE: MM (INCH)	
				SCALE: 1:2	
				SHEET 4 OF 5	

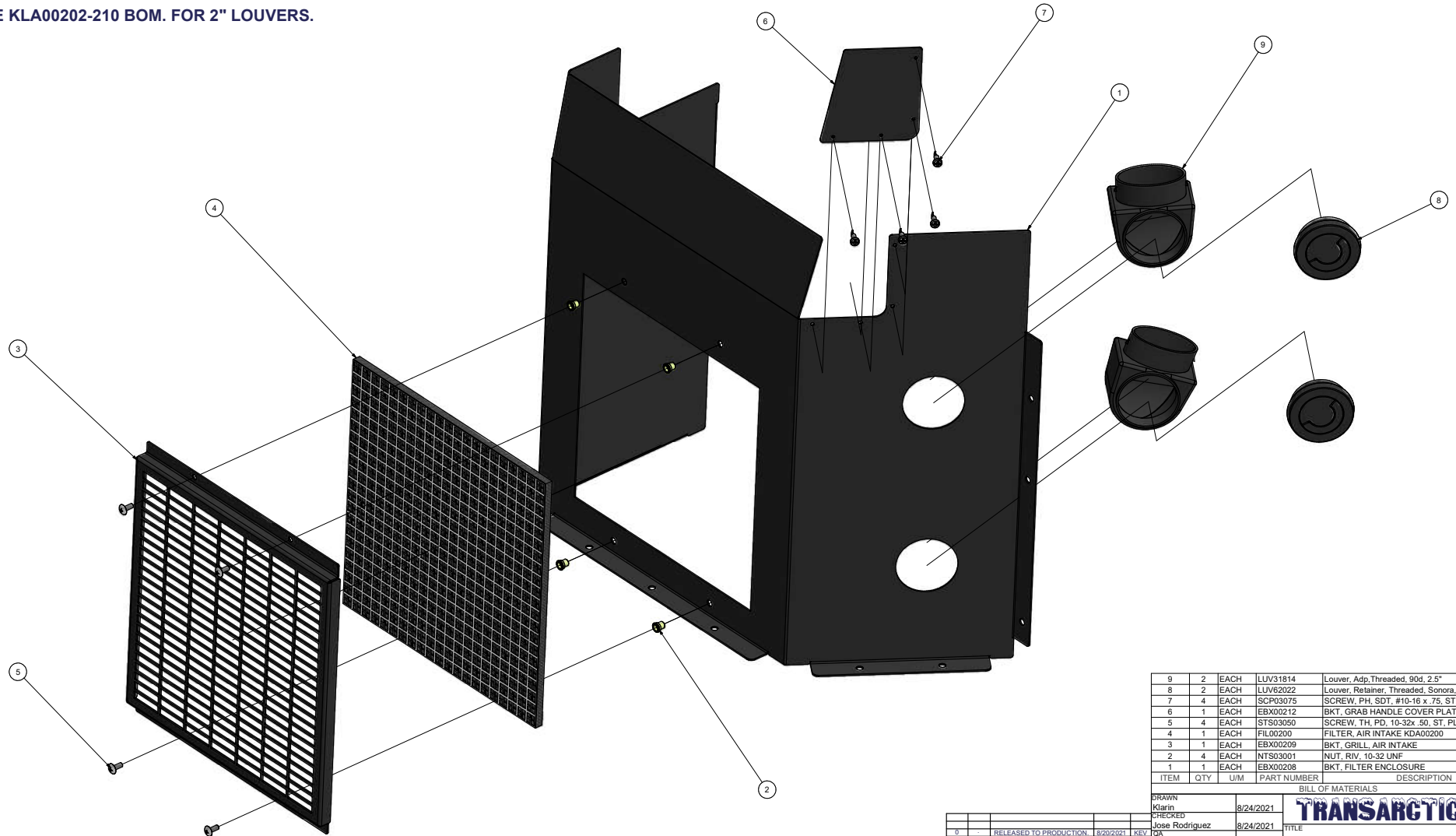
DRAWN	Klarin	8/24/2021
CHECKED	Jose Rodriguez	8/24/2021
OR		
APPROVED	James Stewart	8/24/2021
DATE	Dale Mason	8/24/2021

TITLE		ASS'Y, MAIN, IN DASH A/C-H/C	
SIZE	D	DWG NO	KDA00210
REV	0		

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EBX00215 - ASSEMBLY FILTER ENCLOSURE

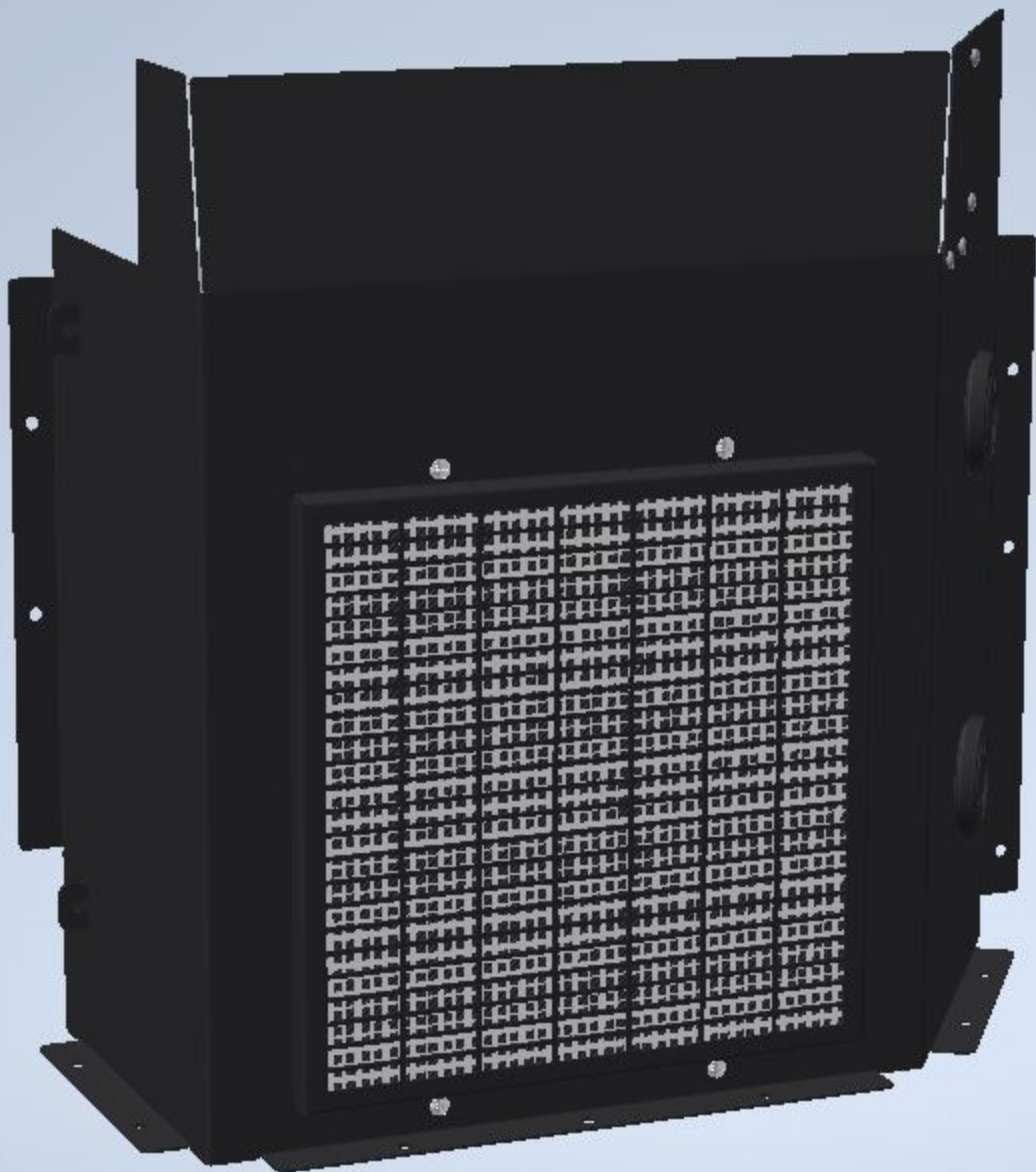
SEE KLA00202-210 BOM. FOR 2" LOUVERS.



9	2	EACH	LUV31814	Louver, Adp. Threaded, 90d, 2.5"
8	2	EACH	LUV62022	Lower, Retainer, Threaded, Sonora, 2.7"
7	4	EACH	SCR03075	SCREW, PH, SDT, #10-16 x .75, ST, PLT
6	1	EACH	EBX00212	BKT, GRAB HANDLE COVER PLATE
5	4	EACH	STS03050	SCREW, TH, PD, 10-32x .50, ST, PLT
4	1	EACH	FIL00200	FILTER, AIR INTAKE KDA00200
3	1	EACH	EBX00209	BKT, GRILL, AIR INTAKE
2	4	EACH	NTS03001	NUT, RIV, 10-32 UNF
1	1	EACH	EBX00208	BKT, FILTER ENCLOSURE

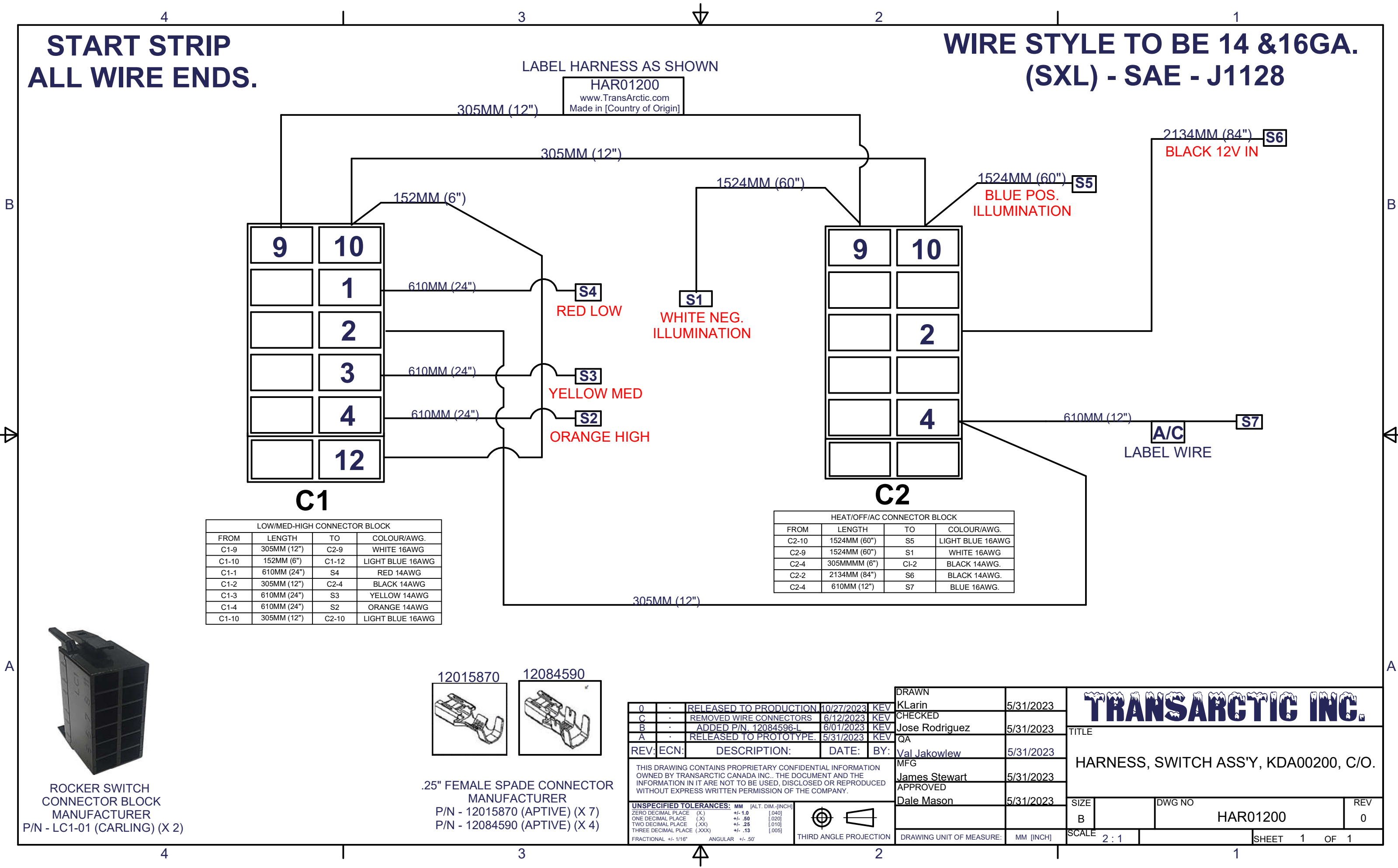
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN				
Klarin				
8/24/2021				
CHECKED				
Jose Rodriguez				
8/24/2021				
OR				
Vaj, Jakowlew				
8/21/2021				
APPROVED				
James Stewart				
8/24/2021				
APPROVED				
Dale Mason				
8/24/2021				
TITLE				
ASS'Y, MAIN, IN DASH A/C-H/C				
SIZE				
D				
DWG NO				
KDA00210				
REV				
0				
SCALE				
1 : 2				
SHEET				
5 OF 5				

REV	ECN	DESCRIPTION	DATE	BY
0		RELEASED TO PRODUCTION	8/20/2021	KEY
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UNSPECIFIED TOLERANCES:				
ONE DECIMAL PLACE (X) .125 (1/8) INCH				
THREE DECIMAL PLACE (XXX) .003 (1/32) INCH				
FRACTIONAL (1/16) 1/16 INCH				
THIRD ANGLE PROJECTION				
DRAWING UNIT OF MEASURE				
MM (INCH)				



START STRIP
ALL WIRE ENDS.

WIRE STYLE TO BE 14 &16GA.
(SXL) - SAE - J1128



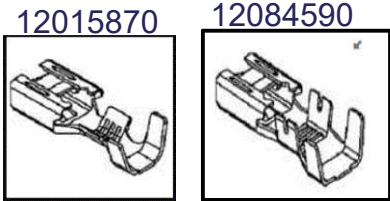
HAR01200
www.TransArctic.com
Made in [Country of Origin]

LOW/MED-HIGH CONNECTOR BLOCK			
FROM	LENGTH	TO	COLOUR/AWG.
C1-9	305MM (12")	C2-9	WHITE 16AWG
C1-10	152MM (6")	C1-12	LIGHT BLUE 16AWG
C1-1	610MM (24")	S4	RED 14AWG
C1-2	305MM (12")	C2-4	BLACK 14AWG
C1-3	610MM (24")	S3	YELLOW 14AWG
C1-4	610MM (24")	S2	ORANGE 14AWG
C1-10	305MM (12")	C2-10	LIGHT BLUE 16AWG

HEAT/OFF/AC CONNECTOR BLOCK			
FROM	LENGTH	TO	COLOUR/AWG.
C2-10	1524MM (60")	S5	LIGHT BLUE 16AWG
C2-9	1524MM (60")	S1	WHITE 16AWG
C2-4	305MM (6")	C1-2	BLACK 14AWG.
C2-2	2134MM (84")	S6	BLACK 14AWG.
C2-4	610MM (12")	S7	BLUE 16AWG.



ROCKER SWITCH
CONNECTOR BLOCK
MANUFACTURER
P/N - LC1-01 (CARLING) (X 2)



.25" FEMALE SPADE CONNECTOR
MANUFACTURER
P/N - 12015870 (APTIVE) (X 7)
P/N - 12084590 (APTIVE) (X 4)

0	-	RELEASED TO PRODUCTION	10/27/2023	KEV
C	-	REMOVED WIRE CONNECTORS	6/12/2023	KEV
B	-	ADDED P/N. 12084596-L	6/01/2023	KEV
A	-	RELEASED TO PROTOTYPE	5/31/2023	KEV

REV:	ECN:	DESCRIPTION:	DATE:	BY:
				Val Jakowlew

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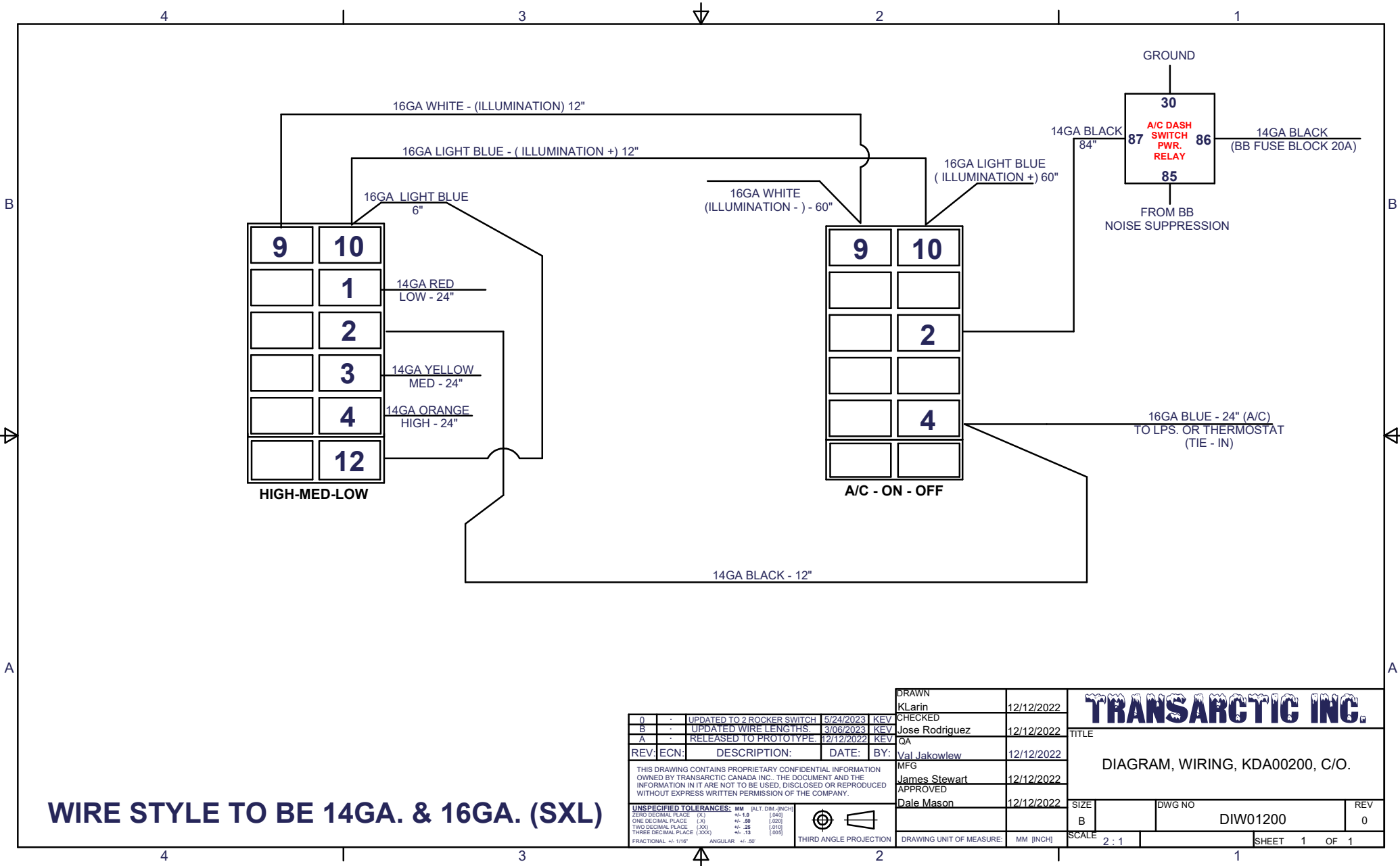
UNSPECIFIED TOLERANCES:	MM	[ALT. DIM. - [INCH]]
ZERO DECIMAL PLACE (X)	+/- 1.0	[.040]
ONE DECIMAL PLACE (X)	+/- .50	[.020]
TWO DECIMAL PLACE (XX)	+/- .25	[.010]
THREE DECIMAL PLACE (XXX)	+/- .13	[.005]
FRACTIONAL +/- 1/16"	ANGULAR +/- .50°	

THIRD ANGLE PROJECTION

DRAWN	KLarin	5/31/2023
CHECKED	Jose Rodriguez	5/31/2023
QA	Val Jakowlew	5/31/2023
MFG	James Stewart	5/31/2023
APPROVED	Dale Mason	5/31/2023
DRAWING UNIT OF MEASURE:	MM [INCH]	

TITLE	
HARNESS, SWITCH ASS'Y, KDA00200, C/O.	
SIZE	DWG NO
B	HAR01200
SCALE	2 : 1
SHEET	1 OF 1

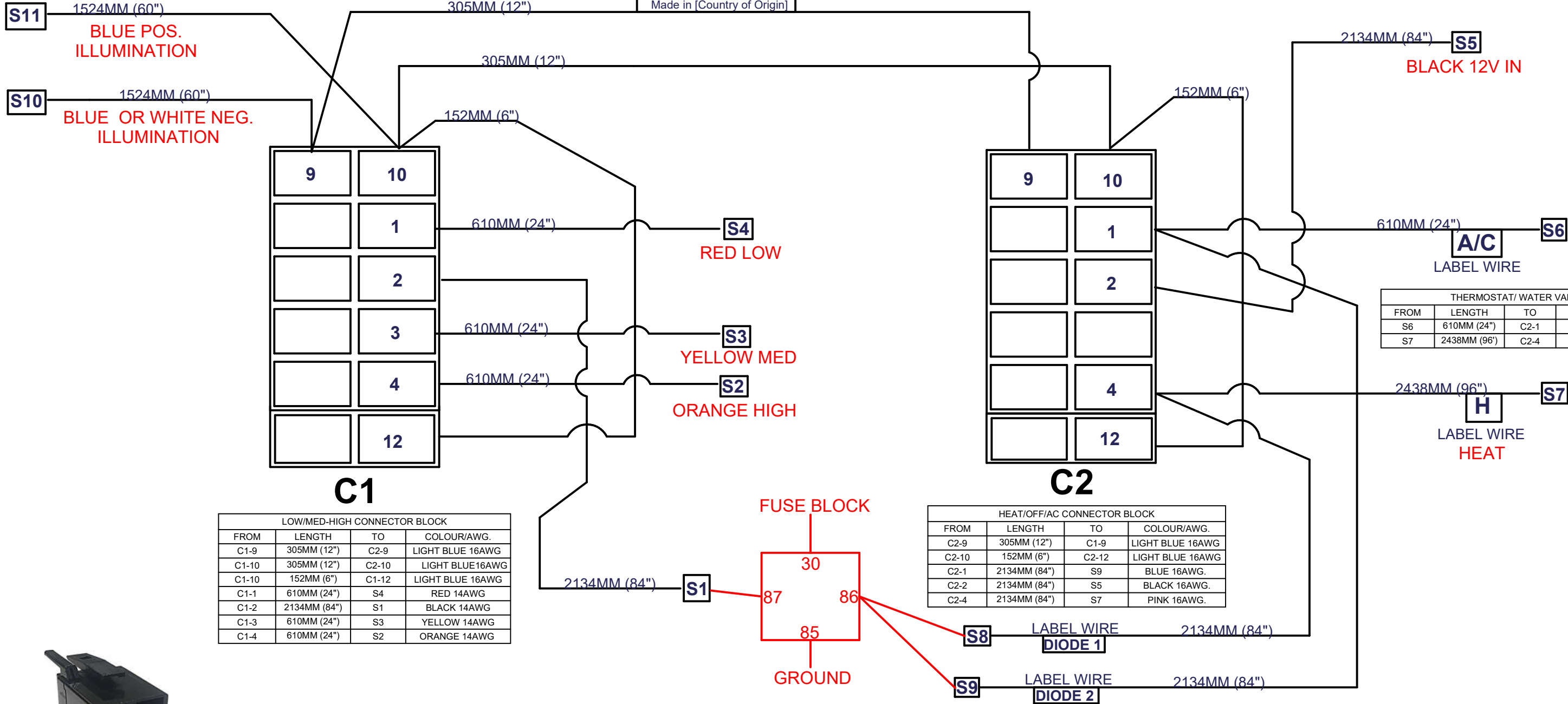
TRANSARCTIC INC.



ILLUMINATION			
FROM	LENGTH	TO	COLOUR/AWG.
S11	1524MM (60")	C1-10	LIGHT BLUE 16AWG
S10	1524MM (60")	C1-9	WHITE 16AWG

WIRE STYLE TO BE 14 &16GA.
(SXL) - SAE - J1128

HAR01201
www.TransArctic.com
Made in [Country of Origin]

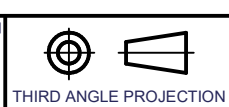


0	-	RELEASED TO PRODUCTION	10/27/2023	KEV
C	-	REMOVED WIRE CONNECTORS	6/12/2023	KEV
B	-	ADDED P/N. 12084596-L	6/01/2023	KEV
A	-	RELEASED TO PROTOTYPE	5/31/2023	KEV

REV:	ECN:	DESCRIPTION:	DATE:	BY:
------	------	--------------	-------	-----

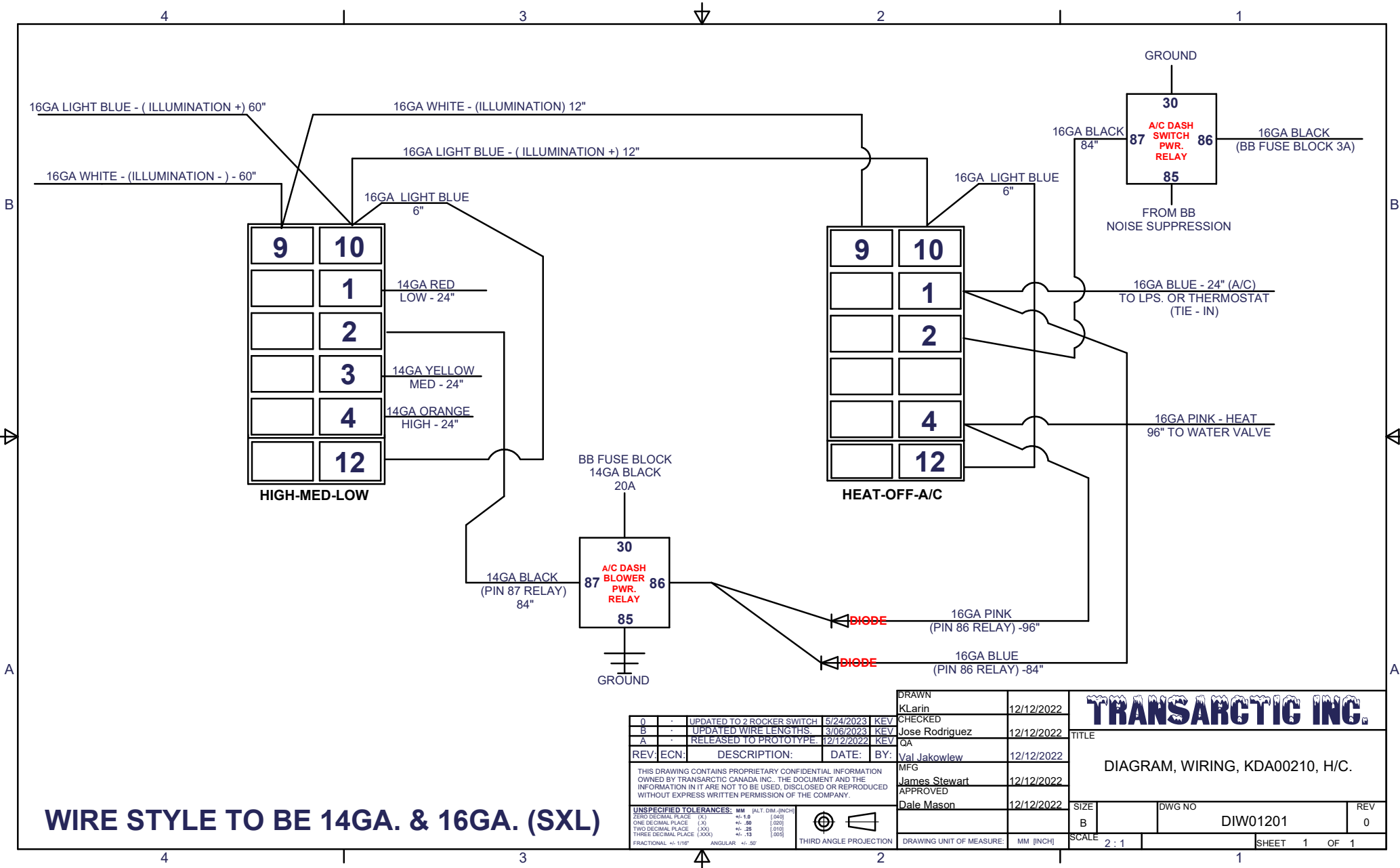
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UNSPECIFIED TOLERANCES:		
ZERO DECIMAL PLACE (X)	+/- 1.0	[.040]
ONE DECIMAL PLACE (.X)	+/- .50	[.020]
TWO DECIMAL PLACE (.XX)	+/- .25	[.010]
THREE DECIMAL PLACE (.XXX)	+/- .13	[.005]
FRACTIONAL +/- 1/16"	ANGULAR +/- .50°	



DRAWN	KLarin	5/31/2023
CHECKED	Jose Rodriguez	5/31/2023
QA	Val Jakowlew	5/31/2023
MFG	James Stewart	5/31/2023
APPROVED	Dale Mason	5/31/2023
DRAWING UNIT OF MEASURE:	MM [INCH]	

TRANSARCTIC INC.			
TITLE			
HARNESS, SWITCH ASS'Y, KDA00210, H/C.			
SIZE	B	DWG NO	HAR01201
SCALE	2 : 1	SHEET	1 OF 1
REV	0		



Bill of Materials Listing

TransArctic, Inc. (FV)

9/9/2026
Page 1 of 1

Product Number		Date		Description		Typ	Uof M	Weight	Yield	
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit		
KDA00202			11/15/2022	0	Assy, Main, In Dash, Cool Only, 2" Hose		Ma	each	35.19	1
180	1	EBX00208		3	Bkt, Filter Enclosure		No	each		
190	1	KLA00202		0	Kit, Louver, Install, Ass'y,KDA00200/210		Ma	each		
200	1	JEV00202		0	Sub Kit, Evap, C/O, Dash Air, 2" Hose		Ma	each		
210	1	SDA00202		0	Kit, Switch, Dash Ass'y, C/O, Dash Air.		Ma	each		

Bill of Materials Listing

TransArctic, Inc. (FV)

9/9/2026
Page 1 of 1

Product Number		Date		Description		Typ	Uof M	Weight	Yield	
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit		
KLA00202		2/15/2023		0	Kit, Louver, Install, Ass'y,KDA00200/210		Ma	each	1.56	1
5	1	PAC12120			Box 12" x 12" x 18", 275lb test		No	each		
10	2.00	TGU91618			Trim, 9/16" x 1/8", Black Pebble, Alum.		No	feet		
20	2	21046			Cable Tie, 14.5", UV Resistant, Black		No	each		
30	2	CLP06001			Clamp, Gear, #6, 3/8-3/4 (10-20mm), S		No	each		
50	1	FTS31820			Ftg, Adpt, Y, 2", ABS, Blk		No	each		
60	2.00	K010-1013			Hose, Drain, Evap., 5/8", Clear Vinyl		No	feet		
70	2	LUV31817			Louver, Adp,Threaded, 90d, 2"		No	each		
80	2	LUV62022			Louver, Retainer, Threaded, Sonora, 2.7"		No	each		
90	2	LUV62058			Horizon, Threaded, Hose Adapter, 2."		No	each		
100	2	LUV62064			Louver, Horizon, 2.25"		No	each		
110	1	HOD16300			Hose, Drain, Valve, Kazoo, 1.25" x 3.0"		Ma	each		
120	1	EBX00209		0	Bkt, Grill, Air Intake		No	each		
130	1	EBX00212		2	Bkt, Grab Handle, Cover Plate		No	each		
140	28	SCP03075FB			Screw, PH,PD, SDT, #10-16 x.75, ST,Black		No	each		
150	1	FIL00200		0	Filter, Air Intake, 12" x 12" x.375"		No	each		
170	4	NTS03001			Nut, Riv, 10-32 unf, Stl, Plt		No	each		
180	4	SCP03051			Screw, PH, PD, #10-16 x .50, ST, Stl,Plt		No	each		
190	12	SCP04075			Screw, PH, PD, SM, 1/4-14 x .75, ST, Plt		No	each		
200	1	IST00024			Tape, Insulation, "No Drip", 1/8"x2"x36"		Ma	Feet		
210	3	EBX00211		1	Bkt, KDA00200, Mount		No	each		
220	8	STS03050			Screw, TH, PD, 10-32 x .50, ST, Plt		No	each		
230	25	HOA20000		0	Hose, Defroster, AutoFlex,2.00"d		No	feet		

Bill of Materials Listing

TransArctic, Inc. (FV)

9/9/2026
Page 1 of 1

Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
JEV00202			2/15/2023		0 Sub Kit, Evap, C/O, Dash Air, 2" Hose		Ma	each	22.72
5	1	PAC24180			Box, 24"x18" x12", 275lb test		No	each	1
30	1	EBX00207		2	Bkt, Weldmn't, Drain Pan		No	each	
50	1	EBX00213		1	Bkt, Assem'y, Main Body		Ma	each	
60	1	EBX00241		0	Bkt, Assem'y, Blower Housing, 2" Hose		Ma	each	
70	1	ECA00205		0	Evap, Assembly. 10"H x 11"W x 5 Row, C/O		Ma	Each	
80	1	FOA00200		0	Foam, Anti Spla, 15ppi, 1/2"x 7"x15"		Ma	each	
110	2	ORS20738			O Ring, Seal, 1/2" OD, R-134, #8 Bump		No	each	
120	22	STS03050			Screw, TH, PD, 10-32 x .50, ST, Plt		No	each	
130	1	SWF18685			Thermostat, Freeze Out, 18" Non- Adj		Ma	each	
160	1	VAL00000			Valve, TX, Block type, 1.5 ton, R-134A		No	each	
170	2	WFS04001			Washer, Flat, 1/4", 18-8, SS		No	each	
180	1	WLS04000			Washer, Lock, 1/4", 18-8, SS		No	each	
190	1	BTS04201			Bolt, Hex, 1/4-28 UNF, 2", 18-8, SS		No	each	
200	1	NTM04001			Nut, Hex, 1/4-28unf, 18-8, SS		No	each	
210	1	EBX00217		0	Bkt, Support, Block TX, Valve		No	each	

Bill of Materials Listing

TransArctic, Inc. (FV)

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
SDA00202			2/15/2023	0	Kit, Switch, Dash Ass'y, C/O, Dash Air.		Ma	each	0.16
10	1	BMZ00200		0	Bkt, Bezel, Dash Air, Control, C/O		No	each	1
20	2	SCF06375			Screw, PFH, #6 x .375, ST,Plt		No	each	
30	1	LUV62127			Louver, Adp, Mirage, 4", 2 " hose		No	each	
40	1	HAR01200		0	Harness, Switch Ass'y, KDA00200, C.O.		No	each	
50	1	SWR00006			Switch, Rocker, ON/OFF, SnowFlake, BB		No	each	
60	1	SWR00007			Switch, Rocker, Fan, 3 Speed, H/M/L, BB		No	each	

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TransArctic, Inc. (FV)

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
KDA00212			11/15/2022	0	Assy, Main, In Dash, Heat/Cool		Ma	each	35.11
20	1	EBX00208		3	Bkt, Filter Enclosure		No	each	1
30	1	KLA00202		0	Kit, Louver, Install, Ass'y,KDA00200/210		Ma	each	
40	1	JEV00212		0	Sub Kit, Evap, H/C, Dash Air		Ma	each	
50	1	SDA00212		0	Kit, Switch, Dash Ass'y, H/C, Dash Air		Ma	each	

Bill of Materials Listing

TransArctic, Inc. (FV)

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
JEV00212		2/15/2023		0	Sub Kit, Evap, H/C, Dash Air		Ma	each	12.20
5	1	PAC24180			Box, 24"x18" x12", 275lb test		No	each	1
30	1	EBX00207		2	Bkt, Weldmn't, Drain Pan		No	each	
50	1	EBX00213		1	Bkt, Assem'y, Main Body		Ma	each	
60	1	EBX00241		0	Bkt, Assem'y, Blower Housing, 2" Hose		Ma	each	
70	1	ECA00207		0	Evap, Assembly. 10"H x 11"W x 7 Row, H/C		Ma	Each	
80	1	FOA00200		0	Foam, Anti Spla, 15ppi, 1/2"x 7"x15"		Ma	each	
110	2	ORS20738			O Ring, Seal, 1/2" OD, R-134, #8 Bump		No	each	
120	22	STS03050			Screw, TH, PD, 10-32 x .50, ST, Plt		No	each	
130	1	SWF18685			Thermostat, Freeze Out, 18" Non- Adj		Ma	each	
160	1	VAL00000			Valve, TX, Block type, 1.5 ton, R-134A		No	each	
170	1	VAA20012			Valve, Assy, 12V, Motorized, Water On/Off		Ma	each	
180	1	EBX00217		0	Bkt, Support, Block TX, Valve		No	each	
190	2	WFS04001			Washer, Flat, 1/4", 18-8, SS		No	each	
200	1	WLS04000			Washer, Lock, 1/4", 18-8, SS		No	each	
210	1	BTS04201			Bolt, Hex, 1/4-28 UNF, 2", 18-8, SS		No	each	
220	1	NTM04001			Nut, Hex, 1/4-28unf, 18-8, SS		No	each	

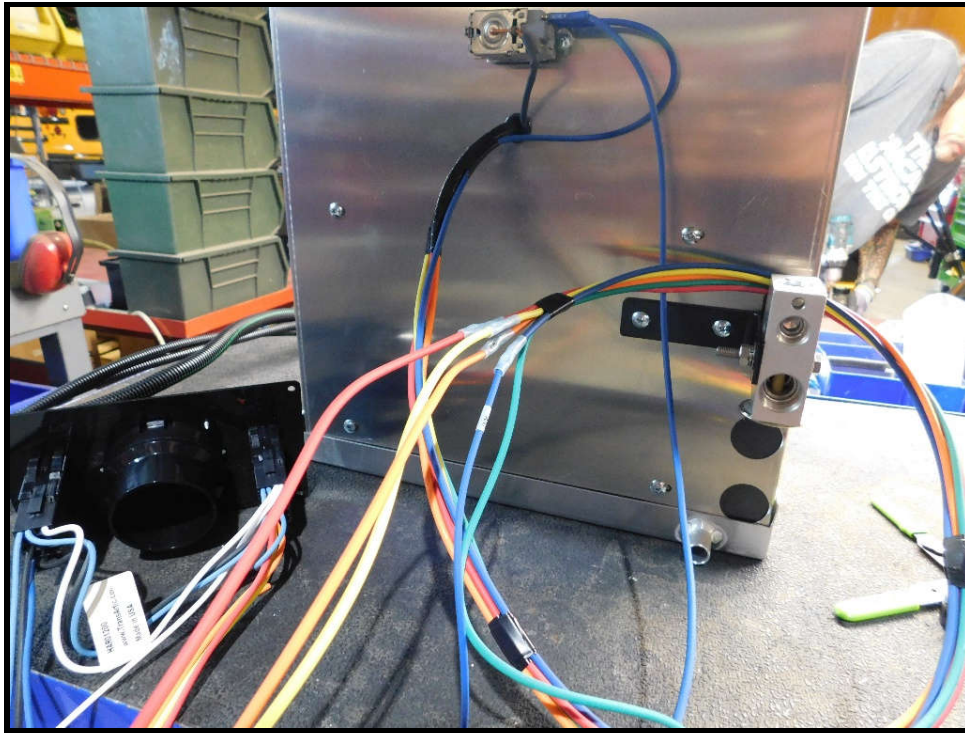
Bill of Materials Listing

TransArctic, Inc. (FV)

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
SDA00212			2/15/2023	0	Kit, Switch, Dash Ass'y, H/C, Dash Air		Ma	each	0.15
10	1	BMZ00200		0	Bkt, Bezel, Dash Air, Control, C/O		No	each	1
20	2	SCF06375			Screw, PFH, #6 x .375, ST,Plt		No	each	
30	1	LUV62127			Louver, Adp, Mirage, 4", 2 " hose		No	each	
90	1	HAR01201		0	Harness, Switch Ass'y, KDA00210, H/C.		No	each	
100	1	SWR00007			Switch, Rocker, Fan, 3 Speed, H/M/L, BB		No	each	
110	1	SWR00009			Switch, Rocker, 3 Pos, Heat/Off/AC, BB		No	each	

Attach wires from control to A/C unit as shown using butt connectors. Ensure all wires are connected securely.



Add wire loom to protect wires as shown below.



Measure/Cut and Install Flex Hose to unit Prior to installation. That way it can be Run to required locations upon installation of the Dash Air Unit.



Shown above is KDA00200 Cool only unit.

Remove the grab bar and set aside. It will be re-attached once the Dash Air unit is completely installed.

Remove Fire Extinguisher and Tool Kit. Place in a box and set on seat so that the Customer can re-install in their desired location.



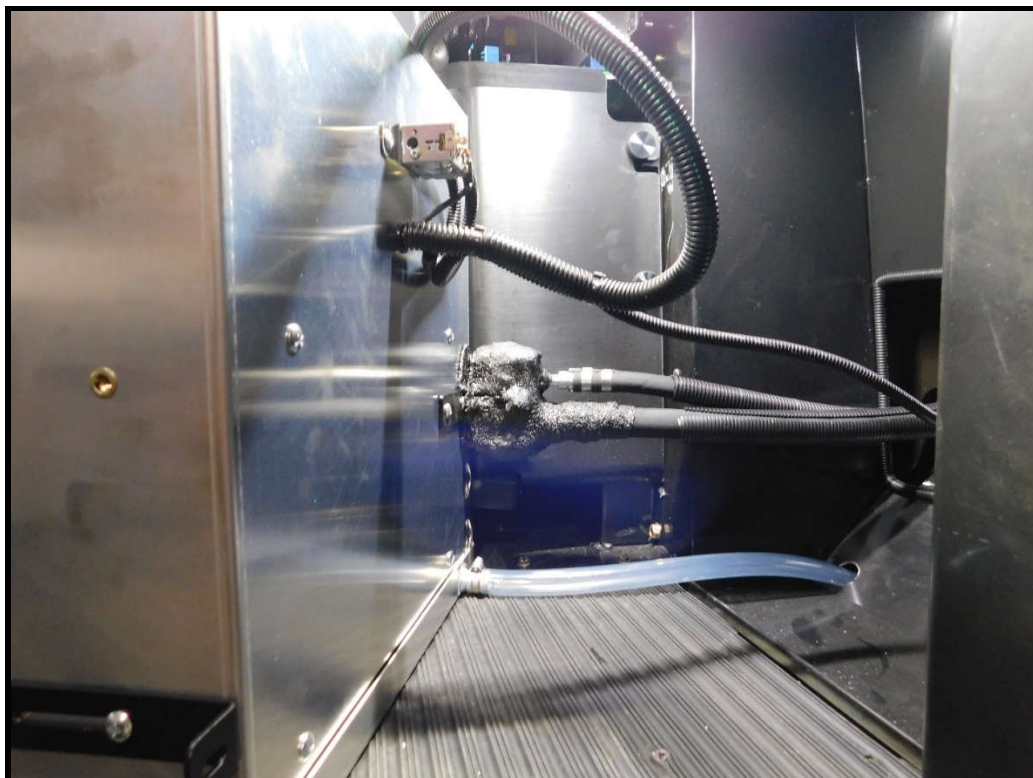
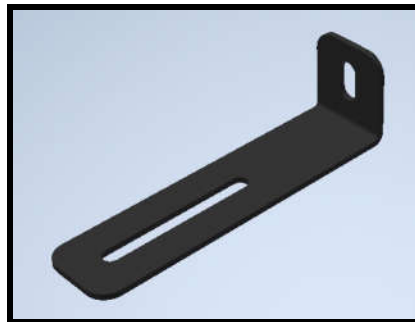
After the grab bar and extinguisher have been removed you will need to drill a 1" Hole in the bottom left corner as shown. It is to accommodate the drain tube on the back of the unit. The 2 larger holes are existing in the Bus fire wall, however you will need to drill and cut out the rectangular hole as shown in the picture. Edge guard or loom is placed around the hole to eliminate any sharp edges.

It is light gauge sheet metal so Tin Snips should be adequate to cut the hole.

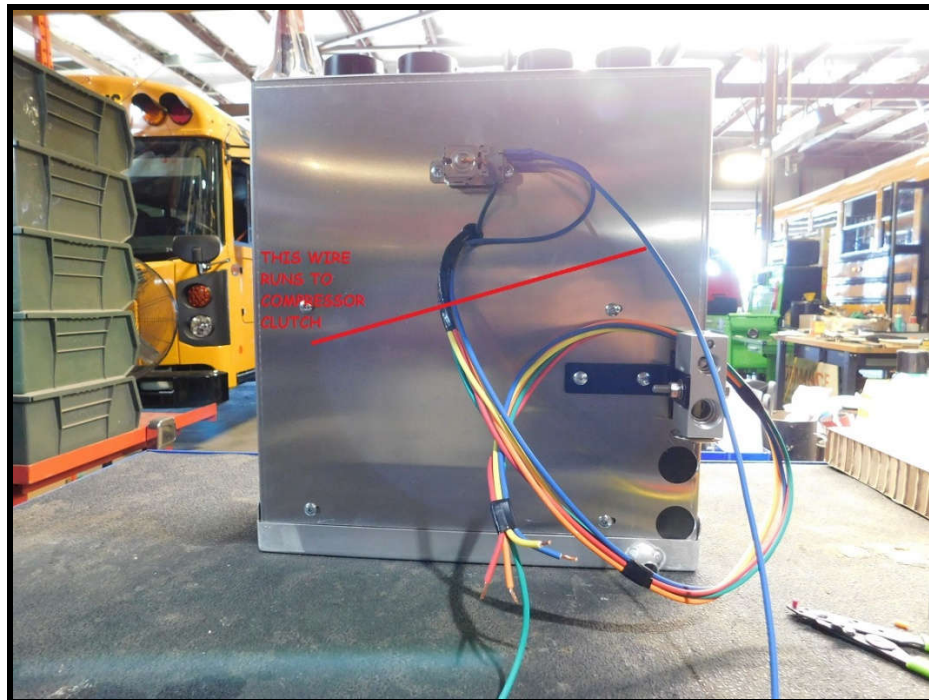


Once the holes are drilled and cut the A/C Hoses and Compressor clutch wire can be run thru the firewall and attached to the Block Valve as shown. Attach the drain tube supplied and run down the hole. Wrap the Low side hose and entire Block Valve with Tar Tape provided as shown. This will ensure that no condensation will drip and leak out onto the floor of the bus when the system is running.

Once everything is attached the unit can be pushed back into place and the black adjustable brackets on the side of the Dash Air unit can be fastened into place using Self Tapping screws provided in the kit.



As shown here. One of the blue wires from the Thermostat runs to the compressor clutch



The existing Louvers in the Dash as shown are attached to the factory heater.
They are removed and moved down below the steering wheel. They are replaced
with these louvers provided in kit. The hose from the A/C unit is attach to the
hose adapters with either a tie-strap or Tek screws.

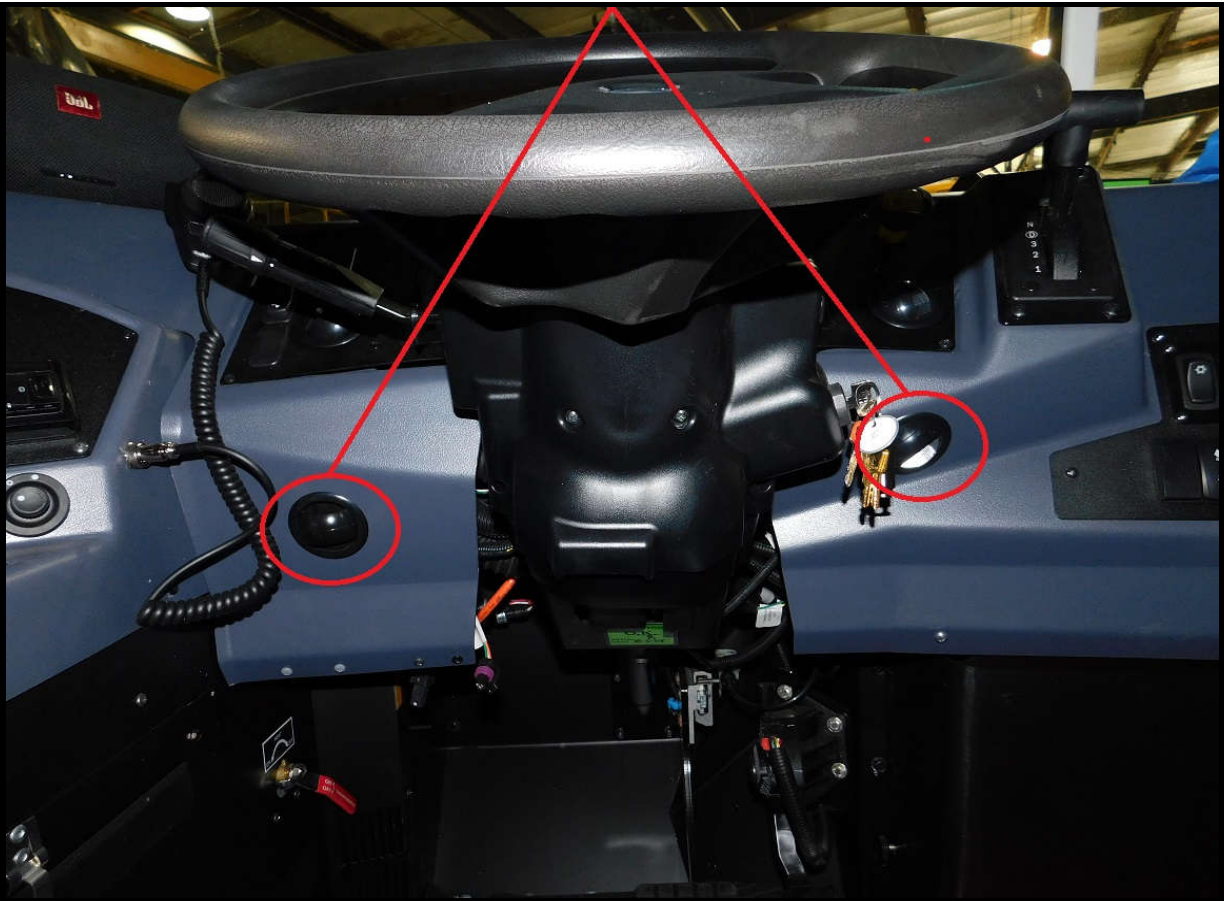




Picture of Dash before drilling and relocating Factory heater Louvers.



The factory heater Louvers are moved to these 2 locations by drilling 2 x 2.25" holes into plastic bezel as shown below. The reason for doing this is so that the cool air is blowing upwards and not into the drivers legs.





Attach hose from Dash Louvers to these 2 Hose Adapters on the unit

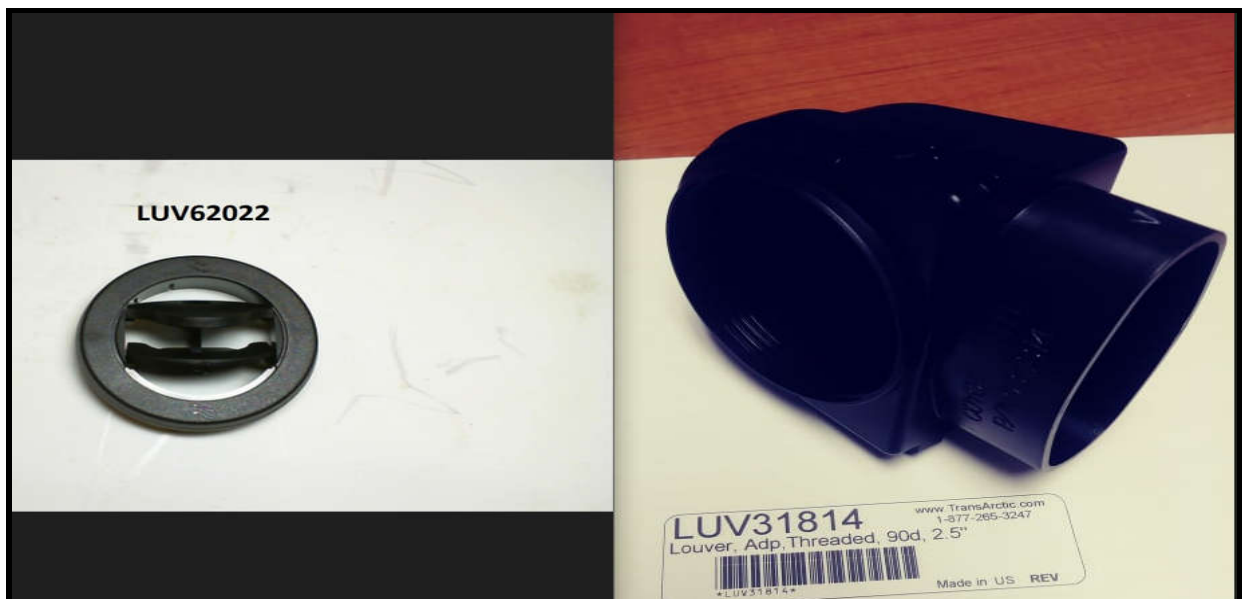


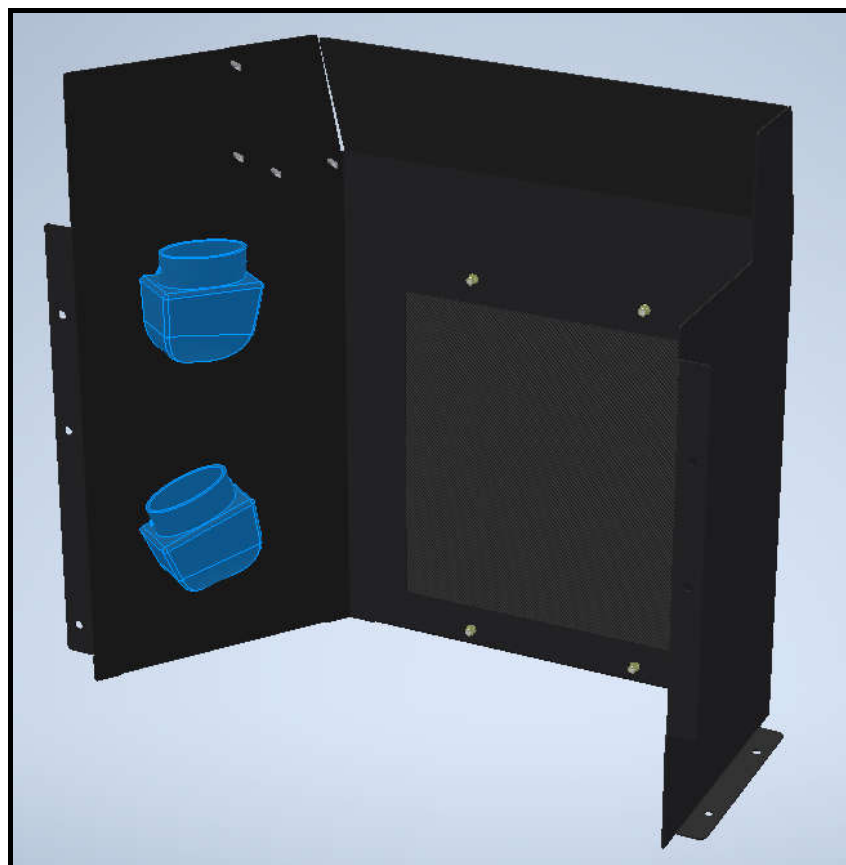


Attach hose to the remaining two hose adapters on the Dash Air Unit as shown.
Use the Y adapter (FTS31816) provided in Kit to splice one of the hoses to the
dash Control Louver and the other end to one of the Adapters on the Air intake
Bracket seen in the top left Picture.



As shown here. Hoses are run and the louvers can now be attached to The Air Intake Bracket before installing into place.





As shown here the Grab Bar has been re-installed and the Filter Intake Bracket with Louvers has been Screwed into place using Self Taping Screws Provided in the Kit.





Measure and cut the appropriate size hole into the dash plate as shown. Install A/C bezel. Ensure that blower functions on HIGH/MED/LOW AND A/C as well as Illumination before fastening down Dash Air Bezel with self - tapping screws provide and Re-attach dash bezel to pannel.



DASH AIR CONTROLS WILL ILLUMINATE WHEN IGNITION KEY IS TURNED ON.

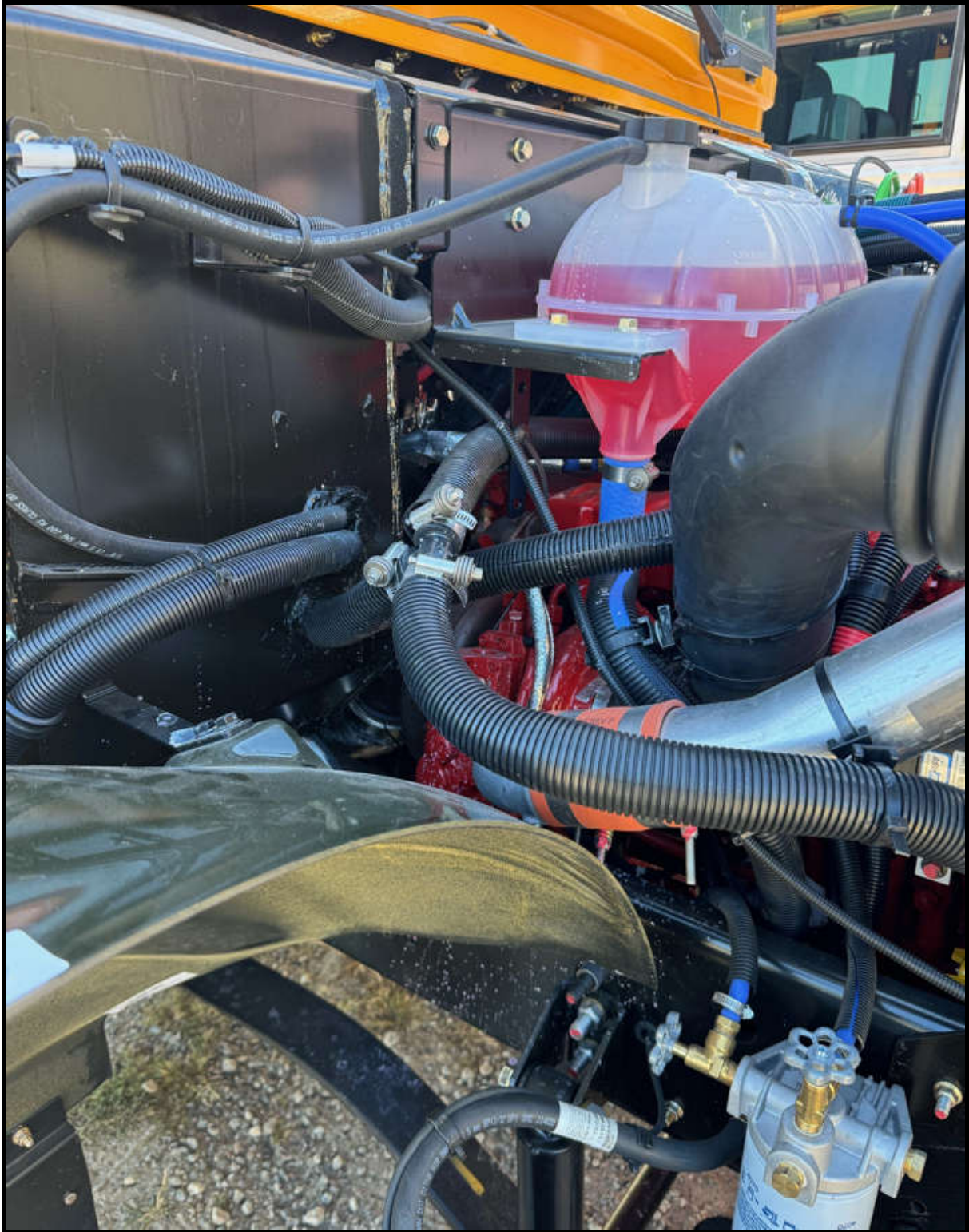


For Heat/Cool units two additional holes are drill as shown for the heater hose
hook ups.

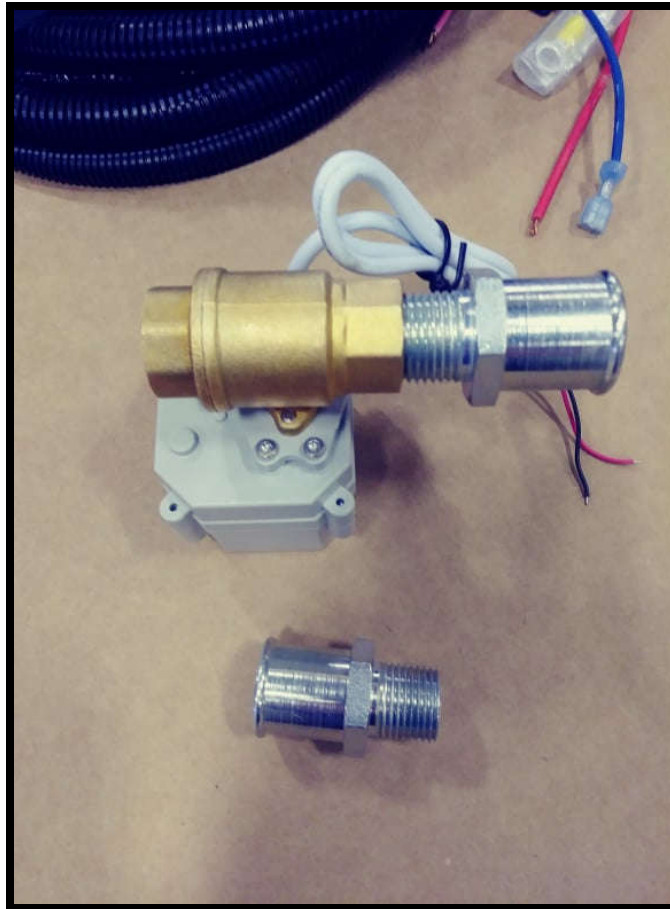


For the KDA00210 Heat/Cool unit the Solenoid control valve and Tee's provide in the kit are tied into the existing heater lines as shown in the pictures and run thru the firewall to the back of the unit just like the A/C lines.





VAA20012 – VALVE, ASSEMBLY, 12V MOTORIZED, WATER ON/OFF



FIL00200 – FILTER, AIR INTAKE

