

TRANSARGTIG 1-877-GOLD-AIR



↑ KDA50202 – KDA50212 ↑

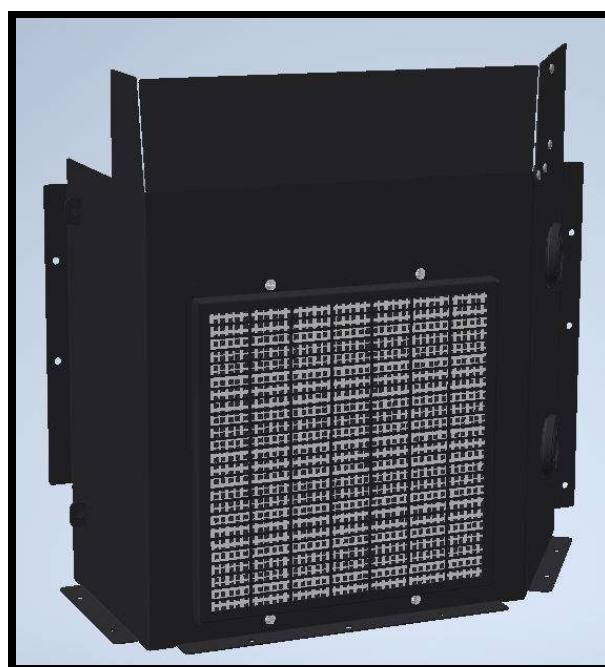
**SERVICE PARTS LIST
&
INSTALLATION INSTRUCTIONS.**

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

Rev 10026

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INTRODUCTION:

This system is a KDA50202 - Cool Only or KDA50212 - 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

.....

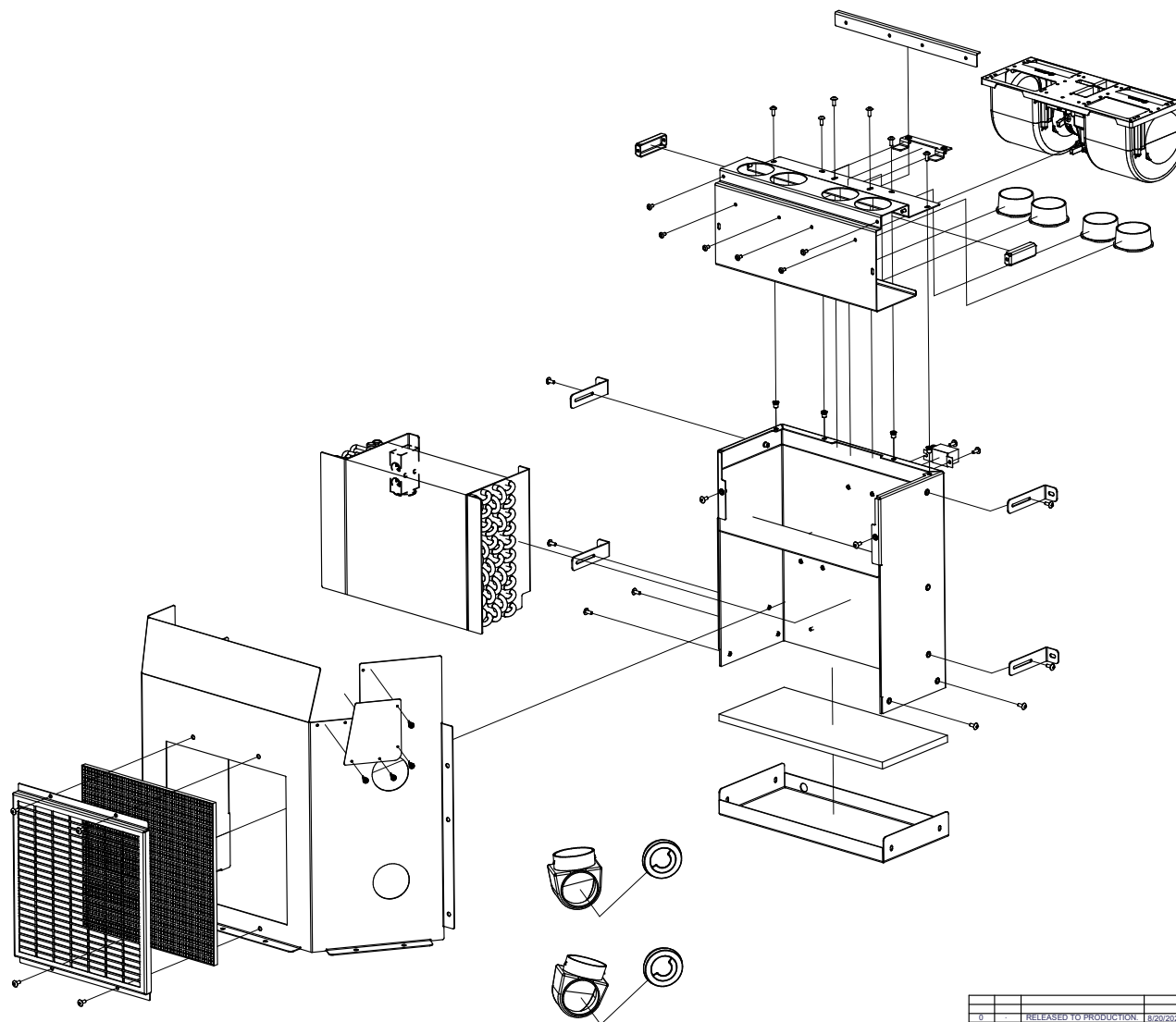
Parts Sales

Rebecca Yeoman
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Kevin Harris
kharris@transarctic.com

.....



KDA00200 - 210 MAIN ASSEMBLY

KDA00202 - 210 MAIN ASSEMBLY

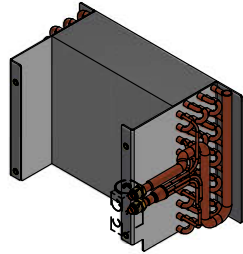
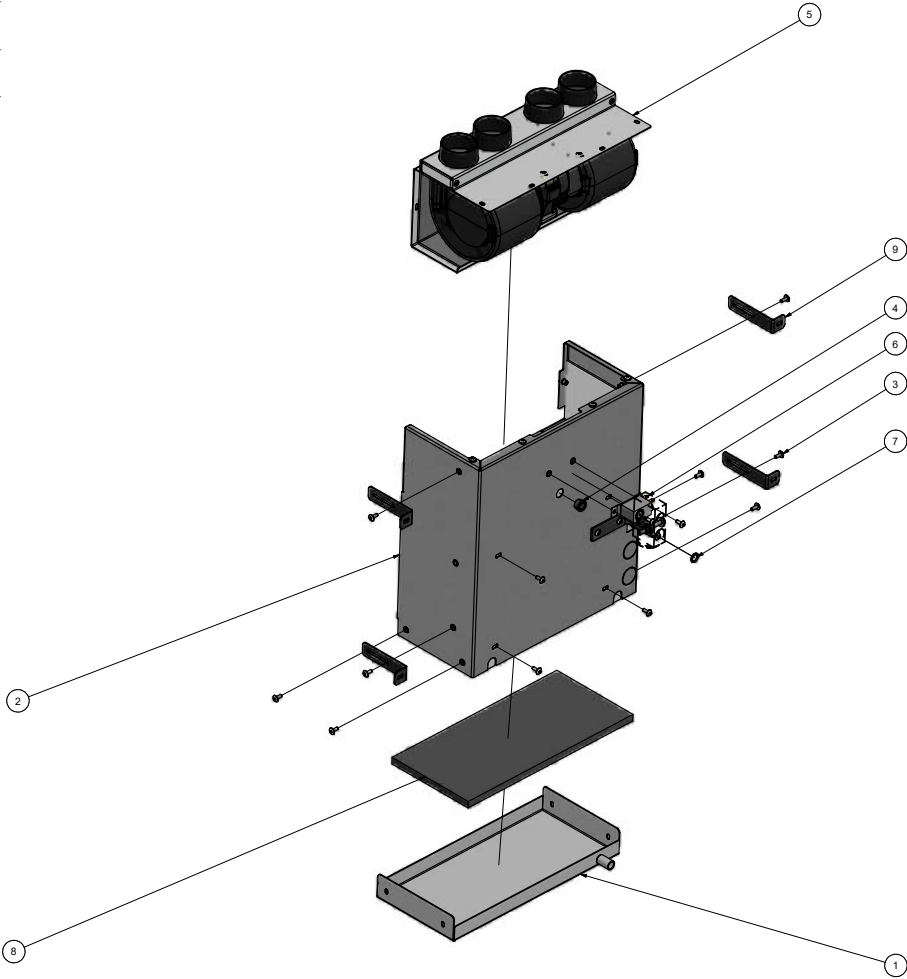
KDA50200 - 210 MAIN ASSEMBLY

KDA50202 - 212 MAIN ASSEMBLY

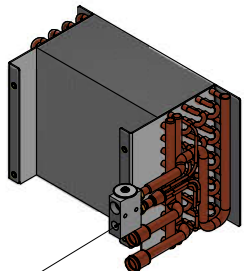
3	1	EACH	EVC00207	EVAP. COIL, 10" X 11" X 7 ROW-H/C
2	1	EACH	EBX00215	BKT. ASSEMBLY, FILTER ENCLOSURE
1	1	EACH	KDA00200	ASSY. MAIN. IN DASH A/C-C/O
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN			8/24/2021	
Klarin				
CHECKED			8/24/2021	
Jose Rodriguez				
OR			8/24/2021	
Vaj Jakowlew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

0	RELEASED TO PRODUCTION	8/20/2021	REV	BY
REV	ECN	DESCRIPTION	DATE	BY
				Vaj Jakowlew
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UNSPECIFIED TOLERANCES:				
ONE DECIMAL PLACE (X)	1/16	INCH		
TWO DECIMAL PLACE (XX)	1/32	INCH		
THREE DECIMAL PLACE (XXX)	1/64	INCH		
FRACTIONAL (1/16")	1/16	INCH		
THIRD ANGLE PROJECTION				

KDA00200 - 210 MAIN ASSEMBLY
KDA00202 - 210 MAIN ASSEMBLY
KDA50200 - 210 MAIN ASSEMBLY
KDA50202 - 212 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" X11" 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	MATERIAL S	DESCRIPTION

DRAWN
Klarin
8/24/2021

CHECKED
Jose Rodriguez
8/24/2021

APPROVED
James Stewart
8/24/2021

DATE
Dale Mason
8/24/2021

RELEASED TO PRODUCTION
8/20/2021

REV
8/21/2021

8/24/2021

UNSPECIFIED TOLERANCES:

ONE DECIMAL PLACE (X) .1

TWO DECIMAL PLACE (XX) .01

THREE DECIMAL PLACE (XXX) .005

FRACTIONAL, IN 1/16"

INCHES (INCH)

MILLIMETERS (MM)

THIRD ANGLE PROJECTION

DRIVING UNIT OF MEASURE

MM (INCH)

SCALE

1 : 4

REV

0

REV

0

TRANSARTIC INC.

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

SIZE

D

DWG NO

KDA00210

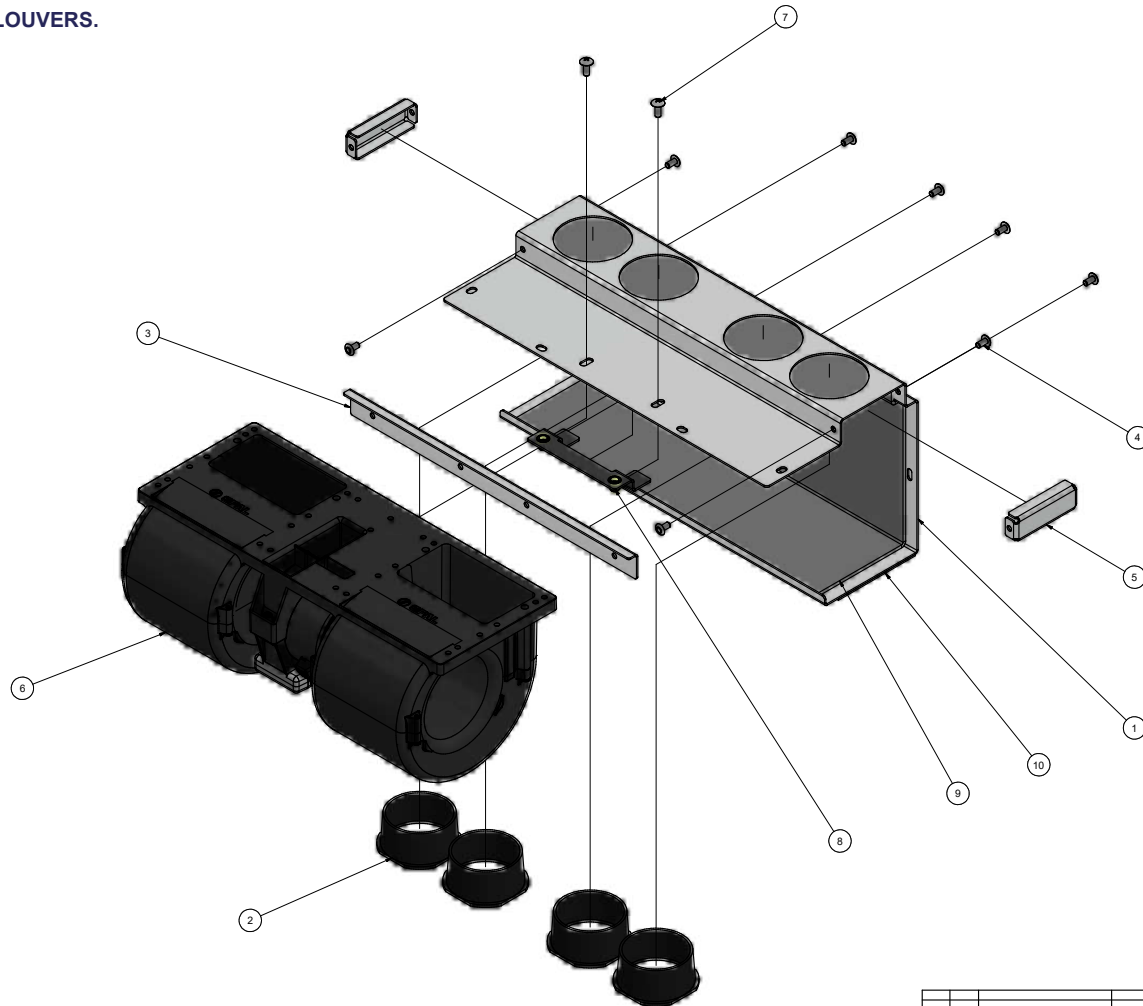
SHEET

2

OF

5

SEE KLA50202-212 BOM. FOR 2" LOUVERS.



10	1	EACH	FOA00215	Gskt Tape Neoprene, 3- 1/2"x 16 1/2"x14 5/8"
9	1	EACH	FOA00214	FOAM, ANTISTAT SWEAT, 1/8" x 176" x 13 5/8"
8	1	EACH	EBX01266	ASSEMBLY, BLOWER TIE DOWN
7	1	EACH	ST330050	SCREW, TH, 10-32X .50, ALST
6	1	EACH	BLO12600	BLOWER, DUAL SCROLL, 3" SP, 12V
5	2	EACH	EBX00205	BKT, BLOWER CLOSE-OUT
4	8	EACH	RIV30329	Rivet, Closed End, 3/16", .06-13, AL/ST
3	1	EACH	EBX00204	BKT SUPPORT, BLOWER MOUNT
2	1	EACH	FTS31805	FTG. ADPT, STR, 25", ABS, BLK
1	1	EACH	EBX00201	BKT, BLOWER HOUSING

ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN KJarin CHECKED Jose Rodriguez QA Vicki Jawadew		8/24/2021		
BY MFG James Stewart APPROVED Dale Mason		8/21/2021 8/24/2021	TITLE ASSY, MAIN, IN DASH A/C-H/C	
DRAWING UNIT OF MEASURE:			SIZE SCALE	DWG NO KDA00210
MM (INCH)			1 : 2	REV 0
			SHEET	3 OF 5

0	RELEASED TO PRODUCTION	8/20/2021
REV: ECN:	DESCRIPTION:	DATE:

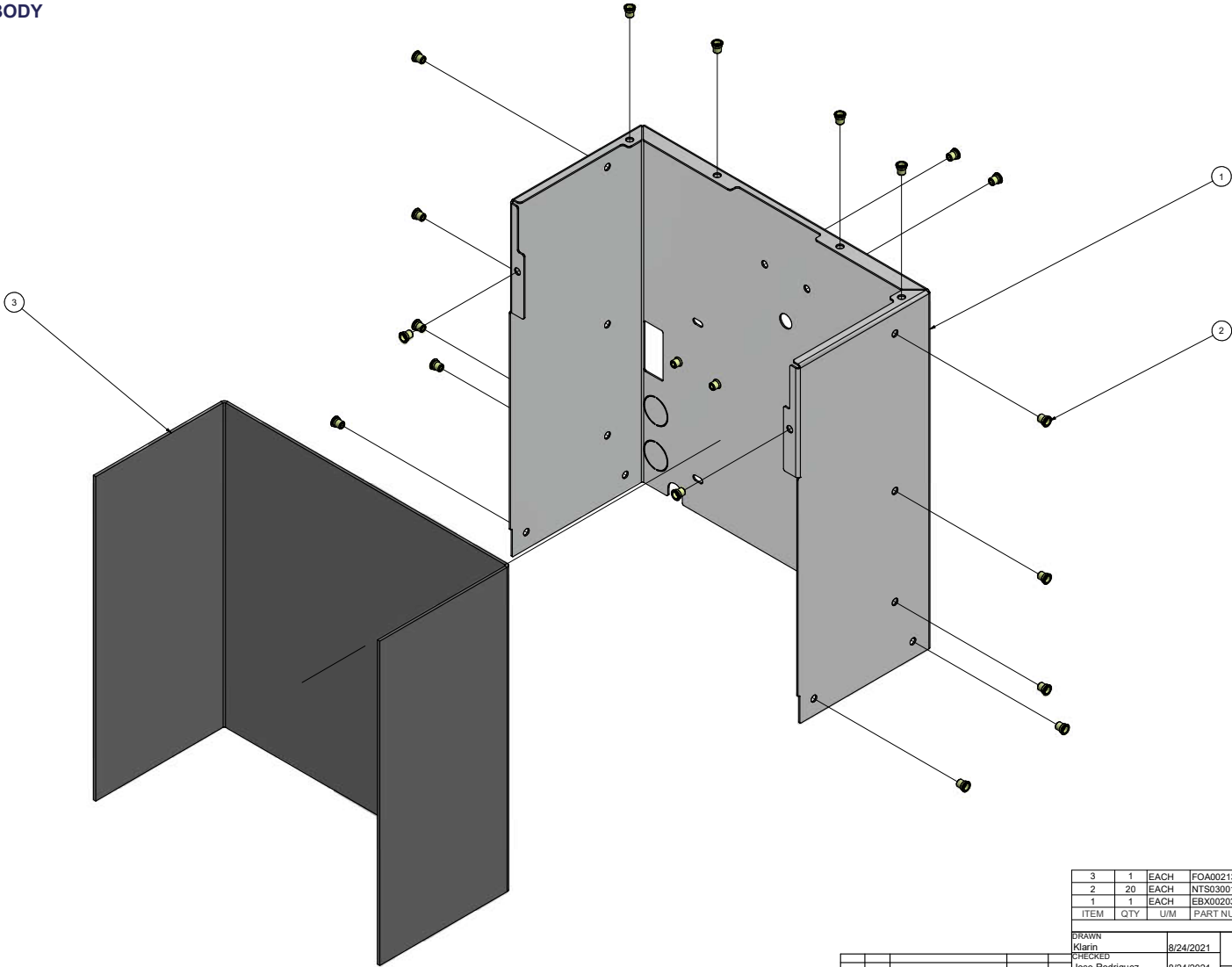
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UNSPECIFIED TOLERANCES:	(ALT DIM.)
ONE DECIMAL PLACE (X0)	±0.125
TWO DECIMAL PLACE (X00)	±0.025
THREE DECIMAL PLACE (X000)	±0.0125
FRACTIONAL (X1/32")	ANGULAR ±0.005



THIRD ANGLE PROJECT

EBX00213 - ASSEMBLY MAIN BODY

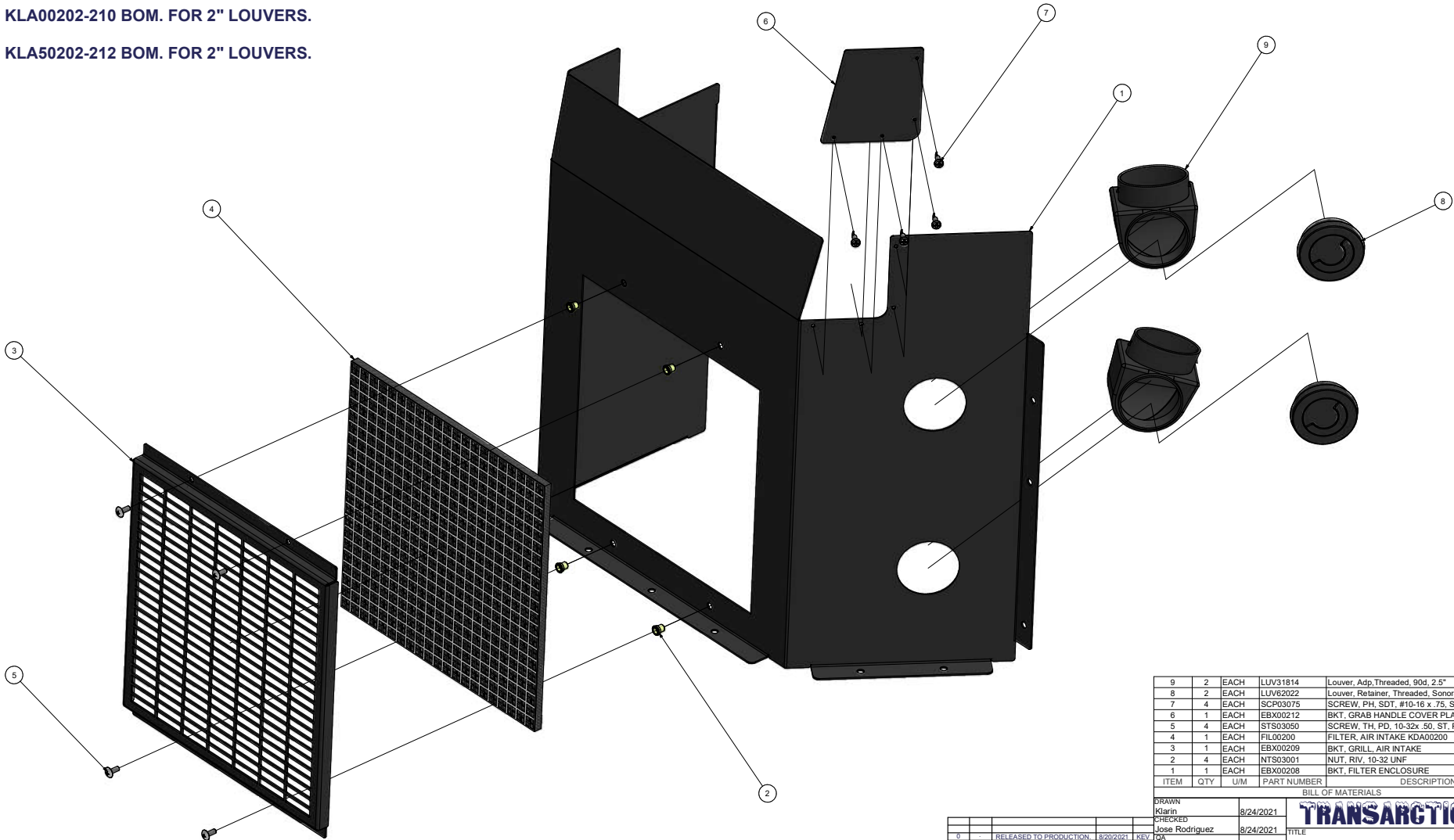


3	1	EACH	FOA00213	FOAM, ANTI SWEAT, 1/8" x 28" x 14.5"
2	20	EACH	NTS03001	NUT, RIV. 10-32 UNF
1	1	EACH	EBX00203	BKT, EVAP, MAIN BODY
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION
BILL OF MATERIALS				
DRAWN				
Klarin			8/24/2021	
CHECKED			8/24/2021	
Jose Rodriguez			8/21/2021	
BY: Val Jakowlew			8/21/2021	
APPROVED			8/24/2021	
James Stewart			8/24/2021	
Dale Mason			8/24/2021	
UNSPECIFIED TOLERANCES:			SIZE	DWG NO
ONE DECIMAL PLACE (X) .1			D	KDA00210
TWO DECIMAL PLACE (XX) .01				
THREE DECIMAL PLACE (XXX) .001				
FRACTIONAL, 16/1000				
THIRD ANGLE PROJECTION				
DRAWING UNIT OF MEASURE			MM (INCH)	
SCALE			1:2	
SHEET			4	OF 5

EBX00214 - ASSEMBLY BLOWER HOUSING

SEE KLA00202-210 BOM. FOR 2" LOUVERS.

SEE KLA50202-212 BOM. FOR 2" LOUVERS.



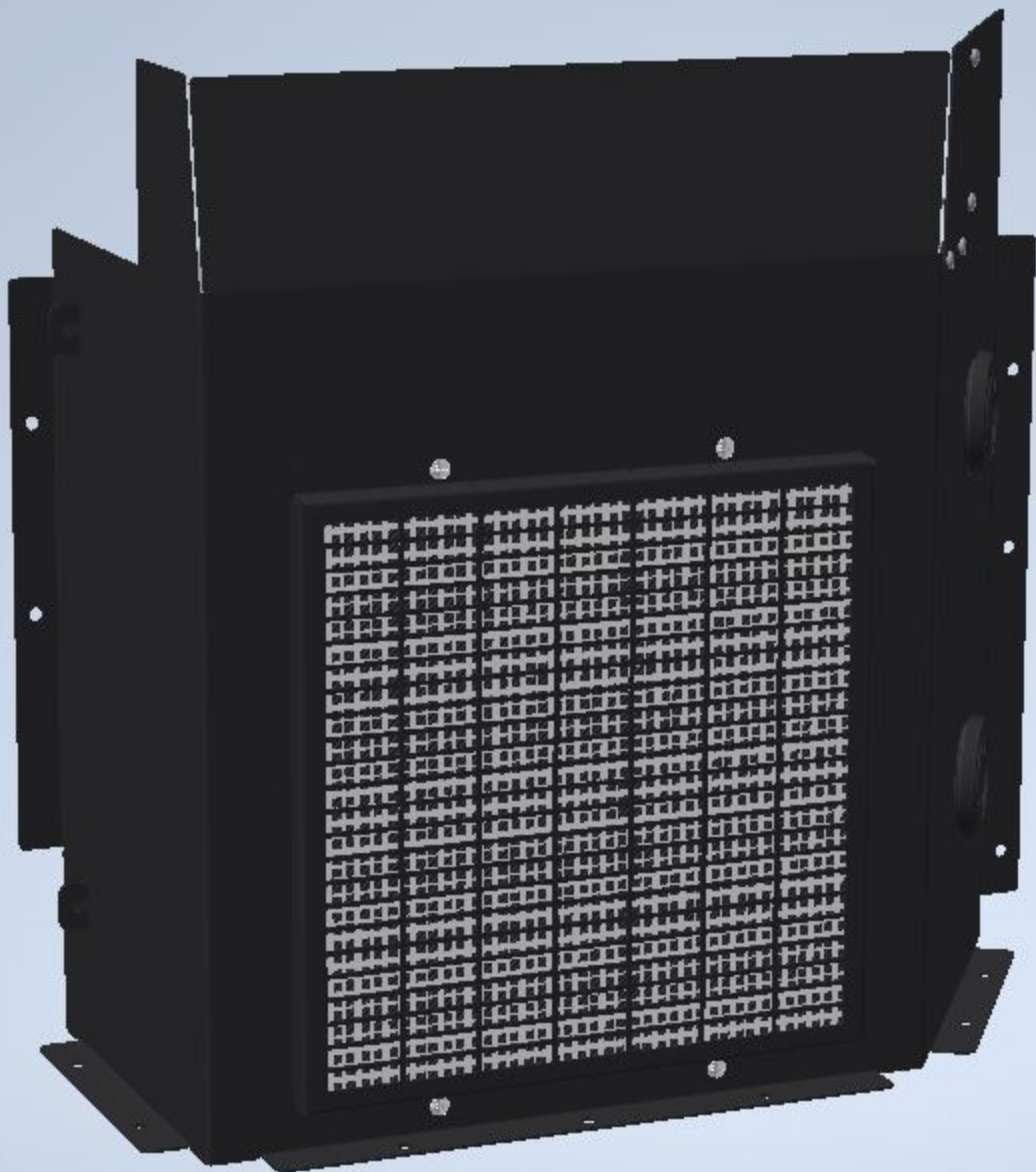
9	2	EACH	LUV31814	Louver, Adp. Threaded, 90d, 2.5"
8	2	EACH	LUV62022	Lower, Retainer, Threaded, Sonora, 2.7"
7	4	EACH	SCR03075	SCREW, PH, SDT, #10-16 x .75, ST, PLT
6	1	EACH	EBX00212	BKT, GRAB HANDLE COVER PLATE
5	4	EACH	STS03050	SCREW, TH, PD, 10-32x .50, ST, PLT
4	1	EACH	FIL00200	FILTER, AIR INTAKE 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: Val Jakowlew 8/21/2021				
APPROVED: James Stewart 8/24/2021				
Date Mason 8/24/2021				
TITLE: ASS'Y, MAIN, IN DASH A/C-H/C				REV: 0
SIZE: D				DWG NO: KDA00210
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 (XX)	MM	FINISH		
THREE DECIMAL PLACE (XXX)	MM	FINISH		
FRACTIONAL (X/16)	INCH	FINISH		



DRAWING UNIT OF MEASURE: MM (INCH)



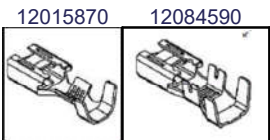
WIRE STYLE TO BE 14GA. AND 16GA.
(SXL) - SAE - J1128

START STRIP ALL WIRE ENDS.

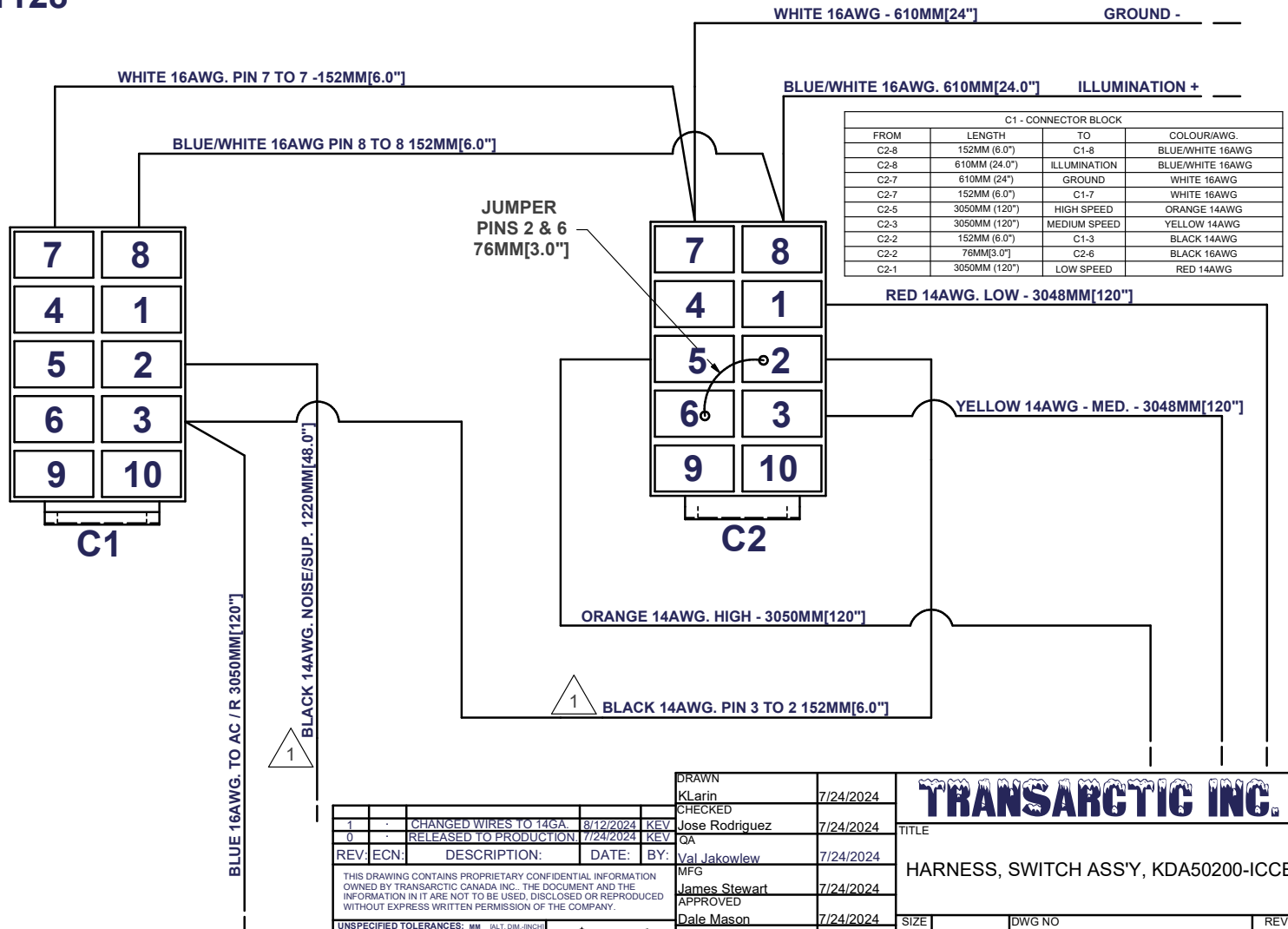
C1 - CONNECTOR BLOCK			
FROM	LENGTH	TO	COLOUR/AWG.
C1-8	152MM (6.0")	C2-8	BLUE/WHITE 16AWG
C1-7	152MM (6.0")	C2-7	WHITE 16AWG
C1-2	1220MM (48.0")	N/S	BLACK 14AWG
C1-3	127MM (5.0")	C2-2	BLACK 14AWG
C1-3	3050MM (120")	AC / R	BLUE 16AWG



MOUSER 10 TERMINAL CONNECTOR
P/N - 691-VC1-01 x 2PCS.



.25" FEMALE SPADE CONNECTOR
MANUFACTURER
P/N - 12015870 (APTIVE) (X 6)
P/N - 12084590 (APTIVE) (X 3)

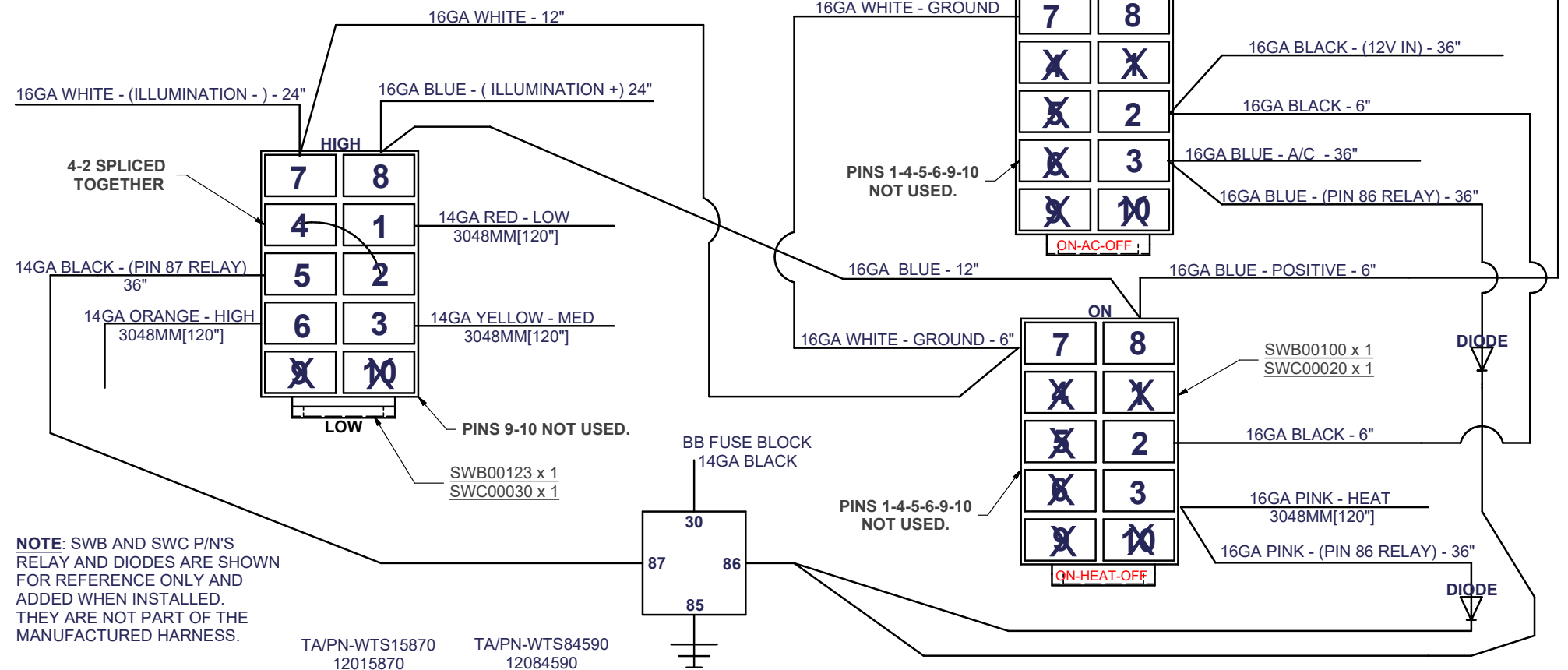


1	--	CHANGED WIRES TO 14GA.	8/12/2024	KE
0	--	RELEASED TO PRODUCTION:	7/24/2024	KE
REV	ECN	DESCRIPTION:	DATE:	BY
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UNSPECIFIED TOLERANCES: MM (ALT DIM (INCH))				
ZERO DECIMAL PLACE (X)		±.10 (040)		
ONE DECIMAL PLACE (X)		±.00 (000)		
TWO DECIMAL PLACE (XX)		±.25 (010)		
THREE DECIMAL PLACE (XXX)		±.13 (005)		
FRACTIONAL ±1/16"		ANGULAR ±.50°		THIRD ANGLE PROJECTION

DRAWN	KLarin	7/24/2024
CHECKED	Jose Rodriguez	7/24/2024
QA	Val Jakowlew	7/24/2024
MFG	James Stewart	7/24/2024
APPROVED	Dale Mason	7/24/2024
DRAWING UNIT OF MEASURE:	MM [INCH]	

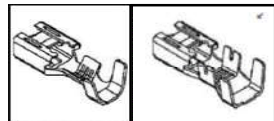
TRANSARCTIC INC.			
TITLE			
HARNESS, SWITCH ASS'Y, KDA50200-ICCE			
SIZE	B	DWG NO	HAR50200
SCALE	2 : 1	SHEET	1 OF 1
REV	1		

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



NOTE: SWB AND SWC P/N'S RELAY AND DIODES ARE SHOWN FOR REFERENCE ONLY AND ADDED WHEN INSTALLED. THEY ARE NOT PART OF THE MANUFACTURED HARNESS.

TA/PN-WTS15870 12015870
TA/PN-WTS84590 12084590



.25" FEMALE SPADE CONNECTOR
MANUFACTURER
P/N - 12015870 (APTIVE) (X 9)
P/N - 12084590 (APTIVE) (X 7)

MOUSER 10 TERMINAL CONNECTOR
P/N - 691-VC1-01 x 3PCS.

REV	ECN	DESCRIPTION	DATE	BY
1	-	ADDED OUR SPADE-PN's	1/2/2024	KEV
0	-	RELEASED TO PRODUCTION	8/4/2023	KEV
A	-	RELEASED TO PROTOTYPE	7/27/2023	KEV
REV	ECN	DESCRIPTION	DATE	BY
1	-	ADDED OUR SPADE-PN's	1/2/2024	KEV
0	-	RELEASED TO PRODUCTION	8/4/2023	KEV
A	-	RELEASED TO PROTOTYPE	7/27/2023	KEV

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UNSPECIFIED TOLERANCES: MM (ALT DIM INCH)

ZERO DECIMAL PLACE (X)	±1.0	(.040)
ONE DECIMAL PLACE (XX)	±.50	(.020)
TWO DECIMAL PLACE (XXX)	±.25	(.010)
THREE DECIMAL PLACE (XXXX)	±.13	(.005)

FRACTIONAL ±1/16" ANGULAR ±.50°

THIRD ANGLE PROJECTION

DRAWN	KLarin	7/27/2023
CHECKED	Jose Rodriguez	7/27/2023
QA	Val Jakowlew	7/27/2023
MFG	James Stewart	7/27/2023
APPROVED	Dale Mason	7/27/2023

DRAWING UNIT OF MEASURE: MM [INCH]

TRANSARCTIC INC.	
TITLE	HARNESS, SWITCH ASS'Y, KDA50210-ICCE
SIZE	B
DWG NO	HAR50201
SCALE	2 : 1
SHEET	1 OF 1
REV	1

Bill of Materials Listing

TransArctic, Inc. (FV)

9/10/2026

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
KDA50202			11/15/2022	A	Assy, Main, In Dash, Cool Only, 2" Hose		Ma	30.80	0
190	1	KLA50202		0	Kit, Louver, Install, Ass'y,KDA50200/210		Ma	each	
200	1	JEV00202		0	Sub Kit, Evap, C/O, Dash Air, 2" Hose		Ma	each	
210	1	SDA50200		0	Kit, Switch, Dash Ass'y, C/O, Dash Air		Ma	each	

Bill of Materials Listing

TransArctic, Inc. (FV)

9/10/2026
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Product Number		Date		Description		Typ	Uof M	Weight	Yield	
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit		
KLA50202		2/15/2023		0	Kit, Louver, Install, Ass'y,KDA50200/210		Ma	each	1.65	1
5	1	PAC12120			Box 12" x 12" x 18", 275lb test		No	each		
20	2	21046			Cable Tie, 14.5", UV Resistant, Black		No	each		
30	5	CLP06001			Clamp, Gear, #6, 3/8-3/4 (10-20mm), S		No	each		
60	2.00	K010-1013			Hose, Drain, Evap., 5/8", Clear Vinyl		No	feet		
90	3	LUV62058			Horizon, Threaded, Hose Adapter, 2."		No	each		
100	3	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		
140	8	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	4	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	each		
210	4	EBX00211		1	Bkt, KDA00200, Mount		No	each		
220	4	STS03050			Screw, TH, PD, 10-32 x .50, ST, Plt		No	each		
230	25	HOA20000		0	Hose, Defroster, AutoFlex,2.00"d		No	feet		
240	1	EL58HB			Ftg., Elbow, 5/8", Plastic,Drain Hose		No	each		
250	1	T58			Ftg, "T", 5/8", Plastic, Drain Hose		No	each		
260	8	CLP36001			Clamp, Gear, #36,1 13/16-2 3/4 (46/70mm)		No	each		
270	1	03-1819			Louver, Remote Holder Starlite		No	each		
280	1	06-2004			Louver, Canyon Ball/Retainer Panel Mount		No	each		
290	1	06-2004-2.0			Hose Adapter 2.7"/ 2.0" Ball Louver		No	each		

Bill of Materials Listing

TransArctic, Inc. (FV)

9/10/2026
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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)

9/10/2026

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
SDA50200			2/15/2023	0	Kit, Switch, Dash Ass'y, C/O, Dash Air		Ma	0.32	0
10	1	SWC00010			Rocker Switch Cover, Dash ON/OFF		No	each	
40	1	HAR50200		1	Harness, Switch Asm'y, KDA50200-ICCE		Ma	each	
50	1	SWB00123			Rocker Switch Base, SPTT, HML		No	each	
60	1	SWB00100			Rocker Switch Base, SPDT, ON/OFF		No	each	
70	1	SWC00030			Rocker Switch Cover, Dash HML		No	each	

Bill of Materials Listing

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9/10/2026

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Product Number		Date		Description		Typ	Uof M	Weight	Yield
Line	Qty	Component	Prod#	Rev#	Description	Location	Typ	Unit	
KDA50212			11/15/2022	A	Assy, Main, In Dash, H/C, ICCE.2" Hose.		Ma	each	30.96
30	1	KLA50202		0	Kit, Louver, Install, Ass'y,KDA50200/210		Ma	each	1
40	1	JEV00212		0	Sub Kit, Evap, H/C, Dash Air		Ma	each	
50	1	SDA50210		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	

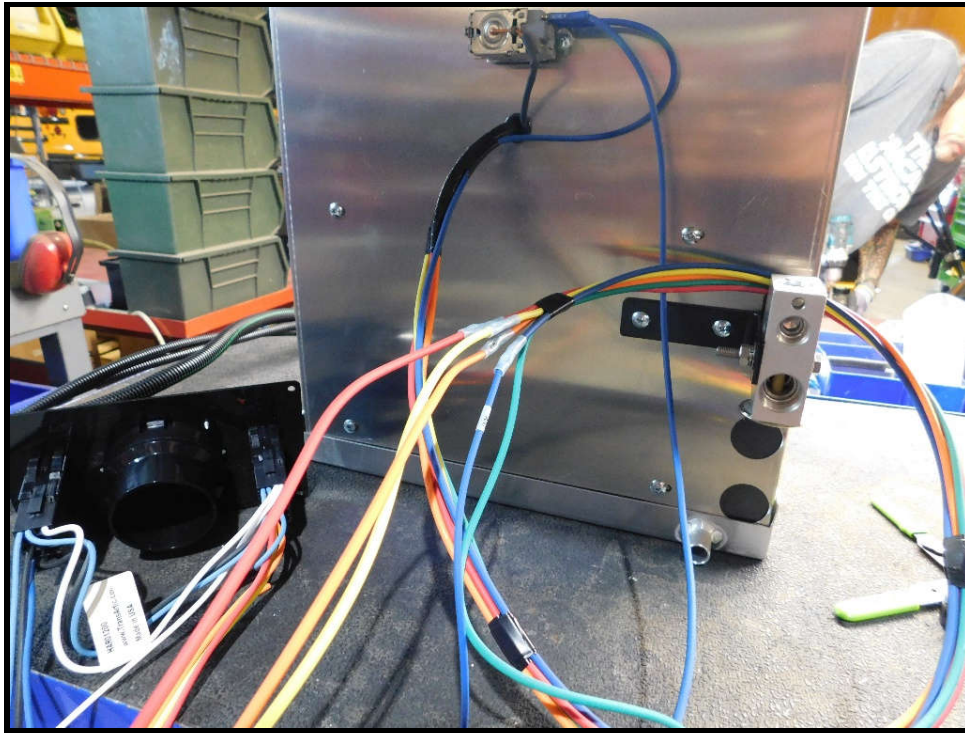
Bill of Materials Listing

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	
SDA50210			2/15/2023	0	Kit, Switch, Dash Ass'y, H/C, Dash Air		Ma	0.24	0
60	1	SWC00010			Rocker Switch Cover, Dash ON/OFF		No	each	
70	1	SWC00020			Rocker Switch Cover, Dash Heat		No	each	
80	1	SWC00030			Rocker Switch Cover, Dash HML		No	each	
90	1	HAR50201		0	Harness, Control, Ass'y, Dash Air, ICCE.		Ma	each	
100	1	SWB00123			Rocker Switch Base, SPTT, HML		No	each	
110	2	SWB00100			Rocker Switch Base, SPDT, ON/OFF		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.



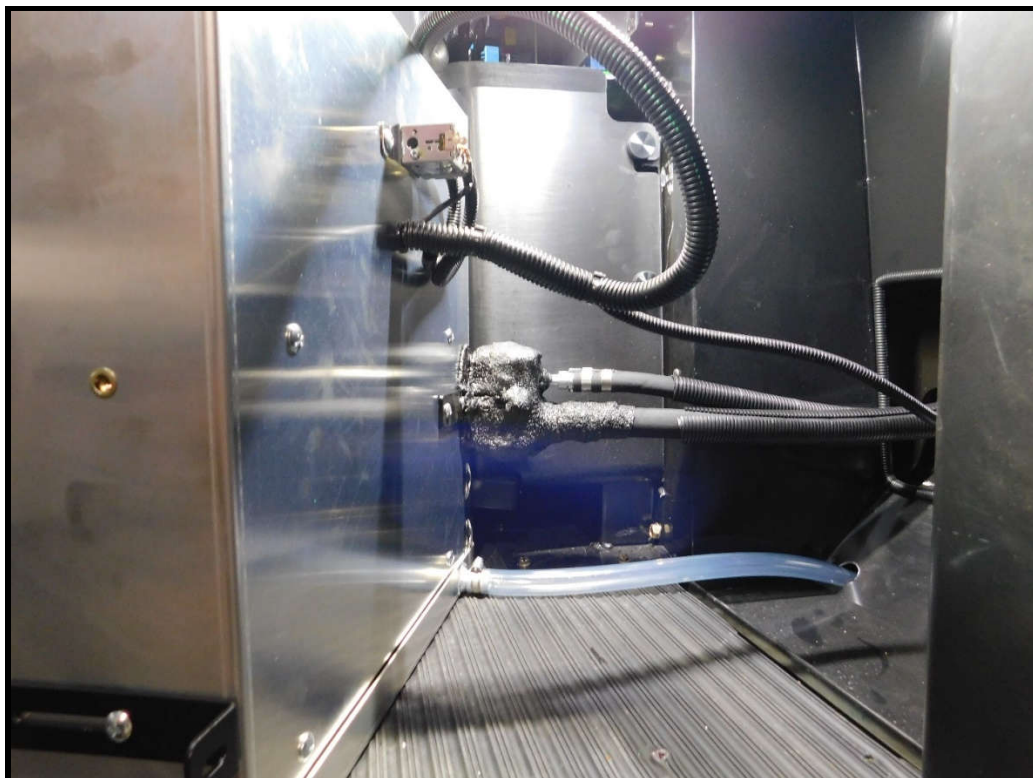
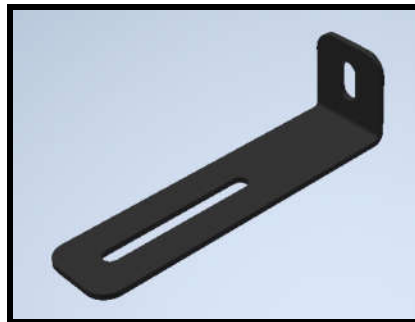
After the grab bar and extinguisher have been removed you will need to drill a 1" Hole in the bottom left corner as shown. It is to accommodate the drain tube on the back of the unit. The 2 larger holes are existing in the Bus fire wall, however you will need to drill and cut out the rectangular hole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

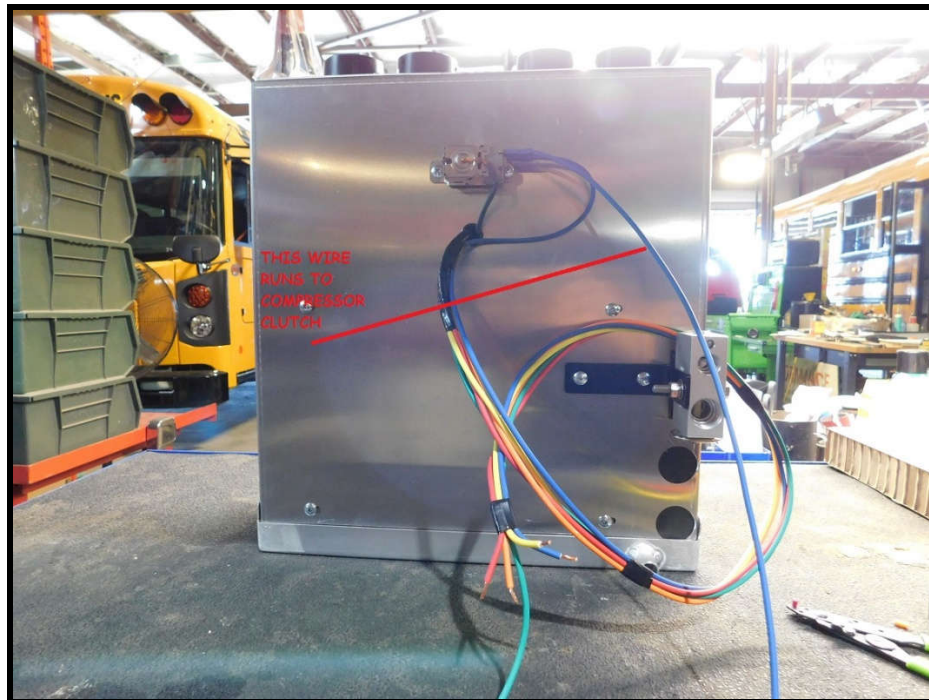


Once the holes are drilled and cut the A/C Hoses and Compressor clutch wire can be run thru the firewall and attached to the Block Valve as shown. Attach the drain tube supplied and run down the hole. Wrap the Low side hose and entire Block Valve with Tar Tape provided as shown. This will ensure that 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.

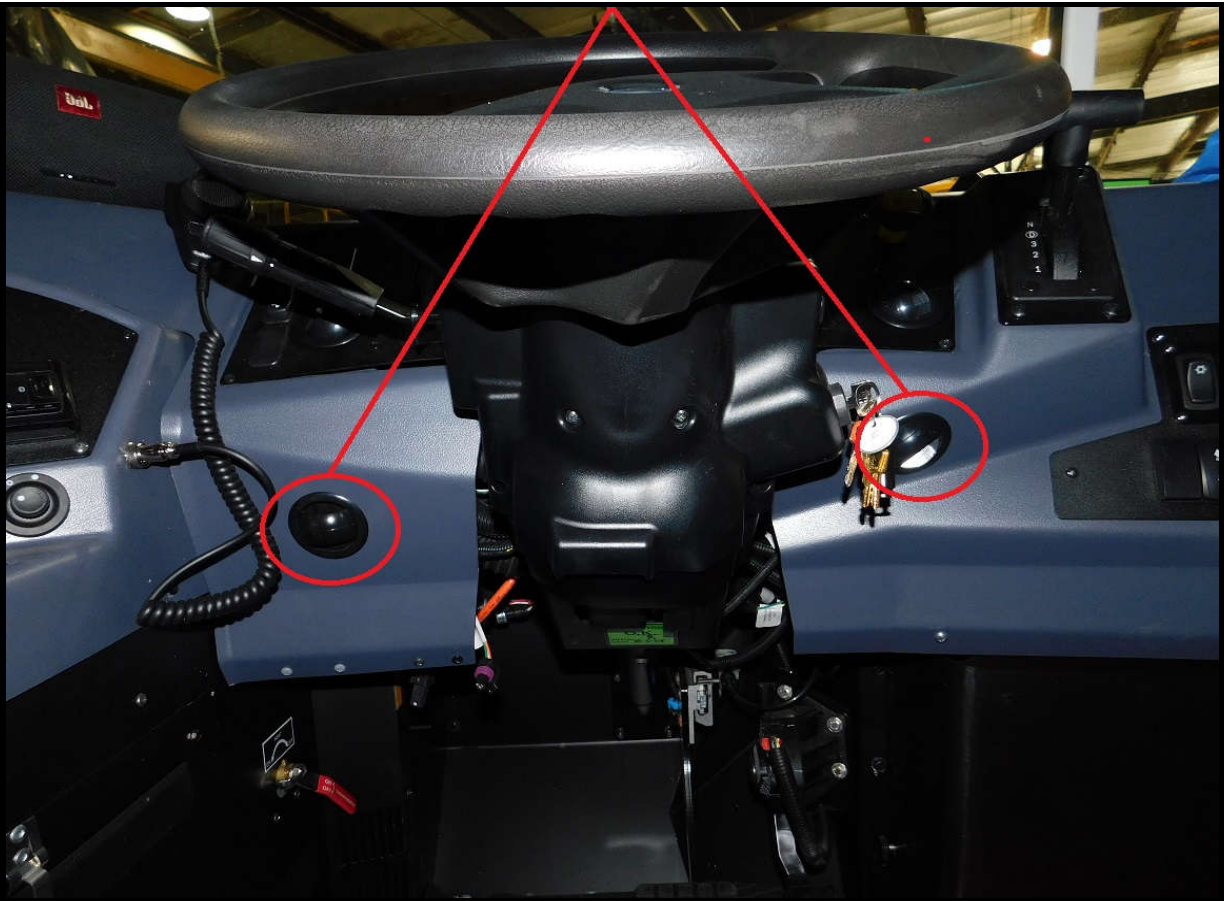




Picture of Dash before drilling and relocating Factory heater Louvers.



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

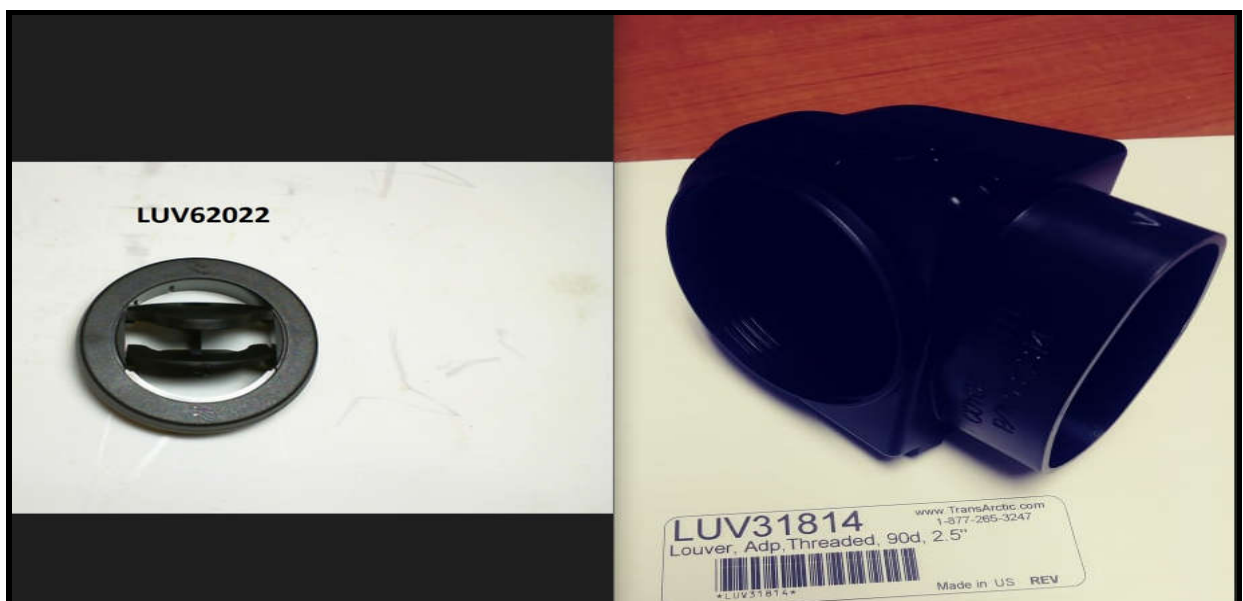


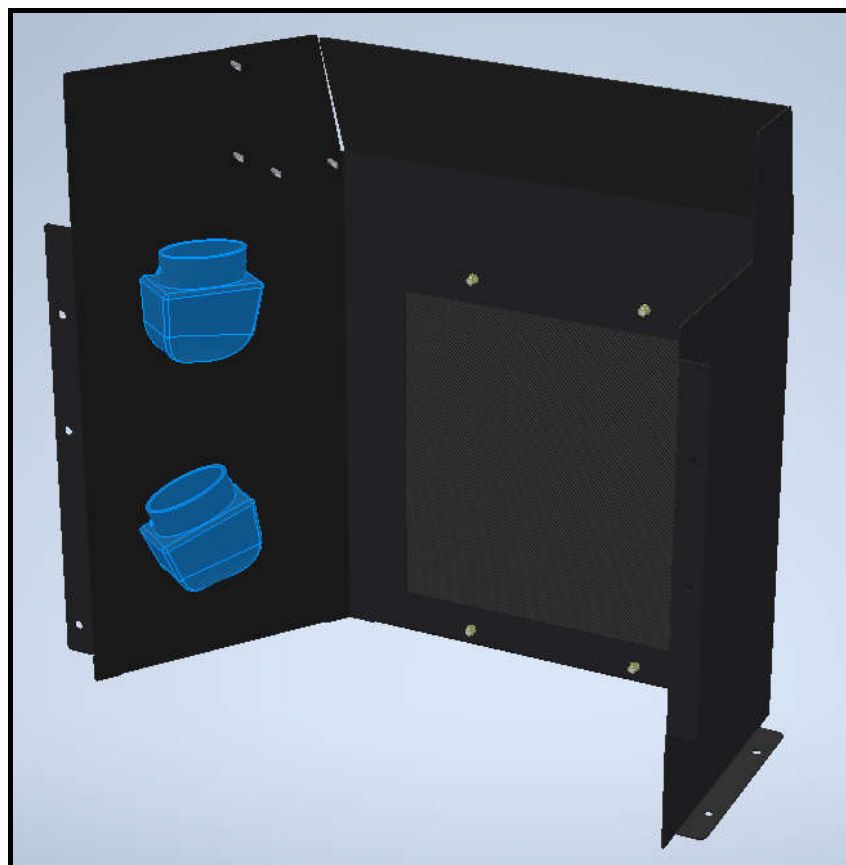


Attach hose to the remaining two hose adapters on the Dash Air Unit as shown.
Use the Y adapter (FTS31816) provided in Kit to splice one of the hoses to the
dash Control Louver and the other end to one of the Adapters on the Air intake
Bracket seen in the top left Picture.



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.

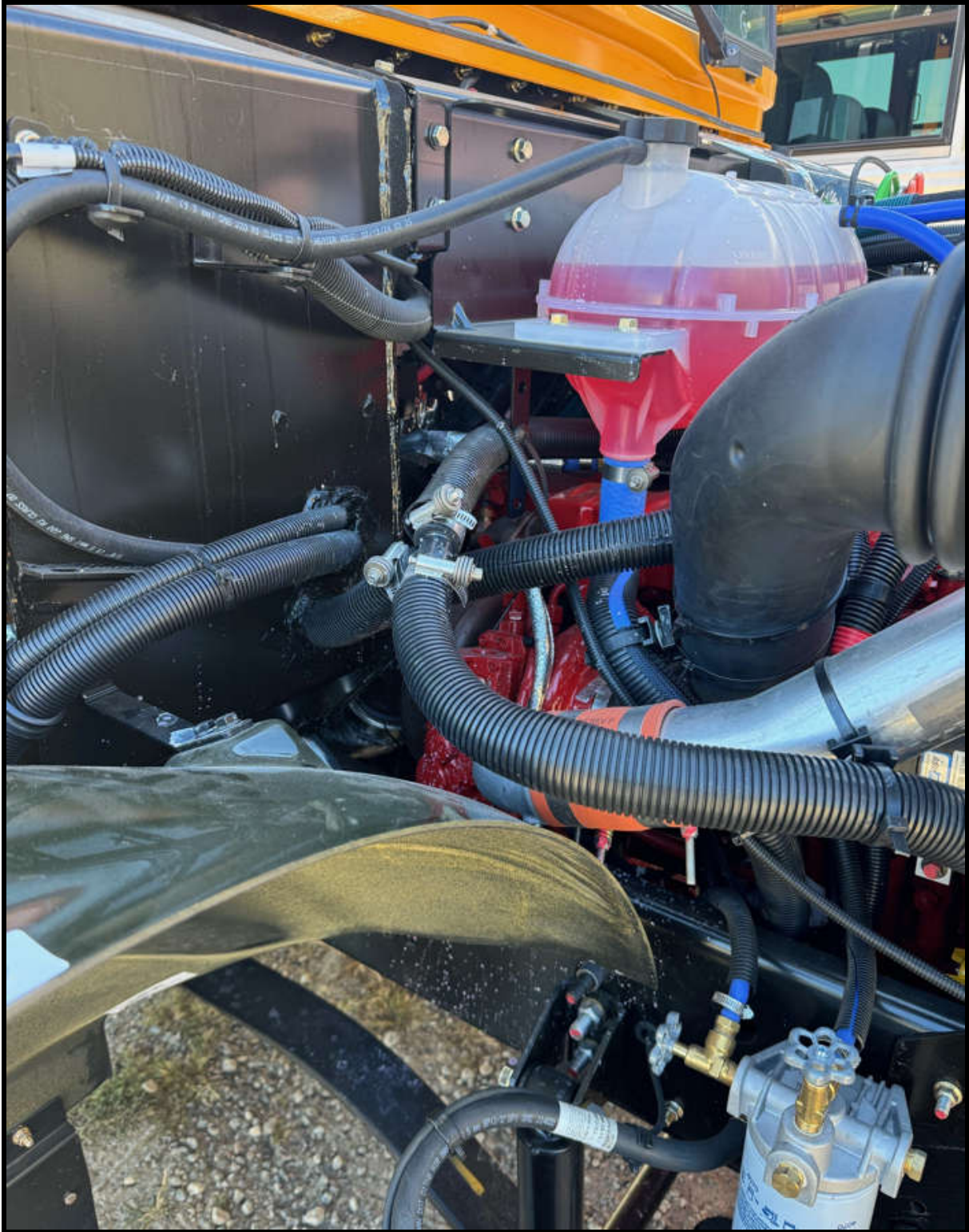


For Heat/Cool units two additional holes are drill as shown for the heater hose hook ups.

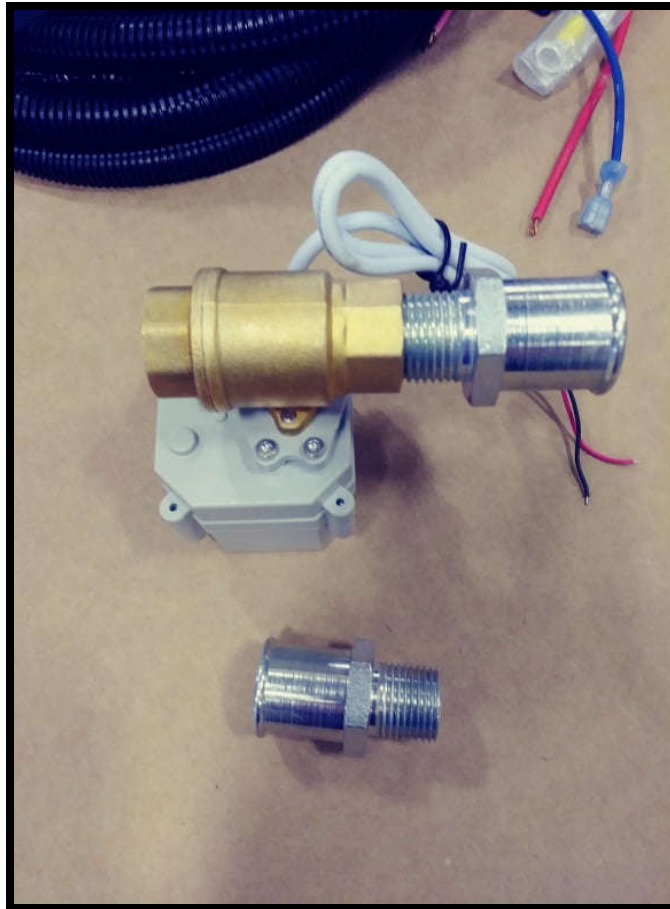


For the KDA00210 Heat/Cool unit the Solenoid control valve and Tee's provide in the kit are tied into the existing heater lines as shown in the pictures and run thru the firewall to the back of the unit just like the A/C lines.





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



FIL00200 – FILTER, AIR INTAKE

