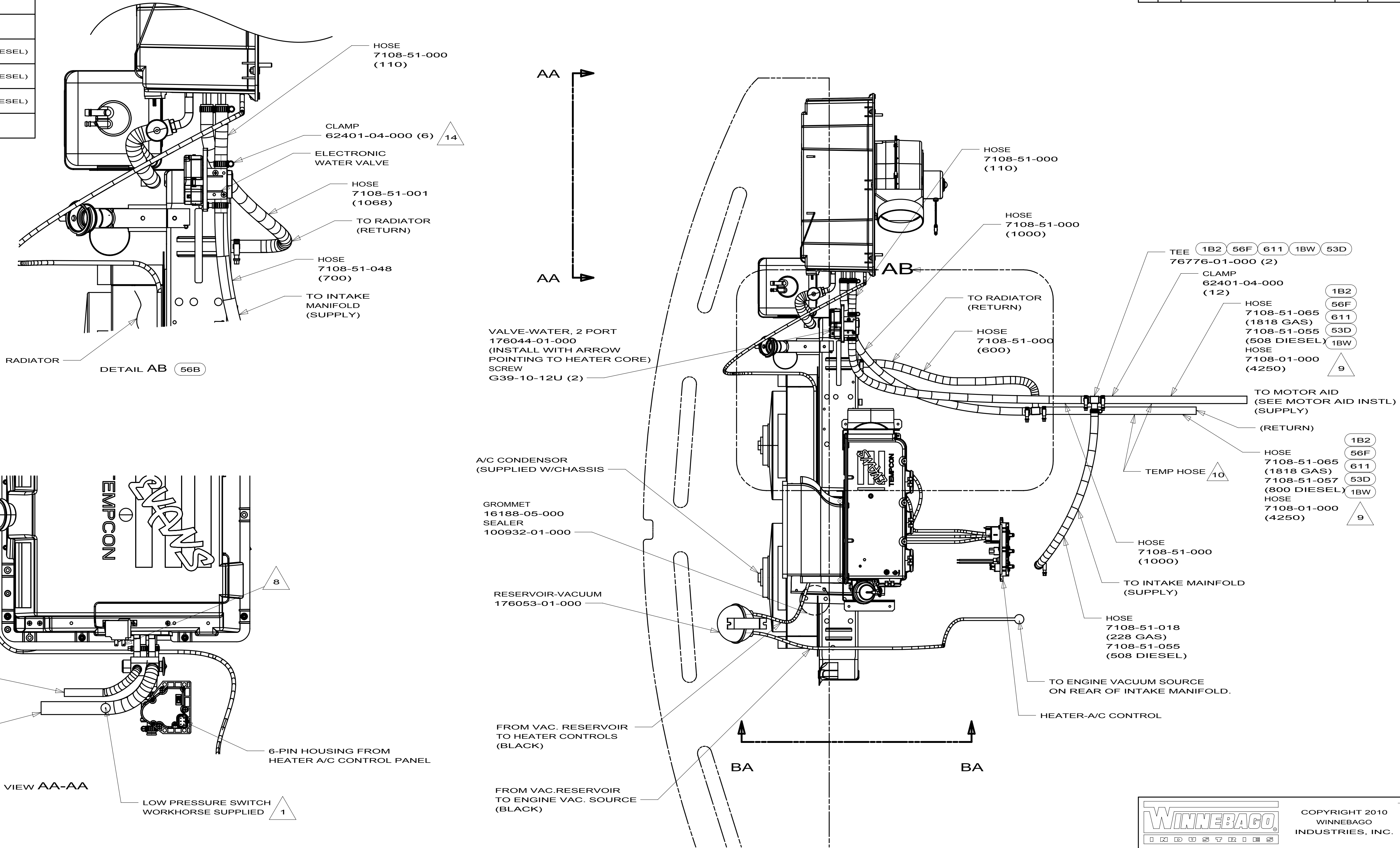


DWG NO	SHEET	CHASSIS
169851-01	1	WORKHORSE (GAS)
169851-02	2	FORD F53 (GAS)
169851-03	3	M/P-SERIES FREIGHTLINER (DIESEL)
169851-04	4	R/S-SERIES FREIGHTLINER (DIESEL)
169851-05	5,6	J/K-SERIES FREIGHTLINER (DIESEL)
169851-06	7,8	WORKHORSE (DIESEL)

RELEASE	REV DATE	DWG NO	169851
REV ZONE	REVISION RECORD	DATE	DFT-ORIG



WORKHORSE GAS ENGINE E-SERIES(AFTER 01-21-10) D-SERIES(AFTER 02-03-10) J-SERIES(AFTER 01-25-10) EVANS

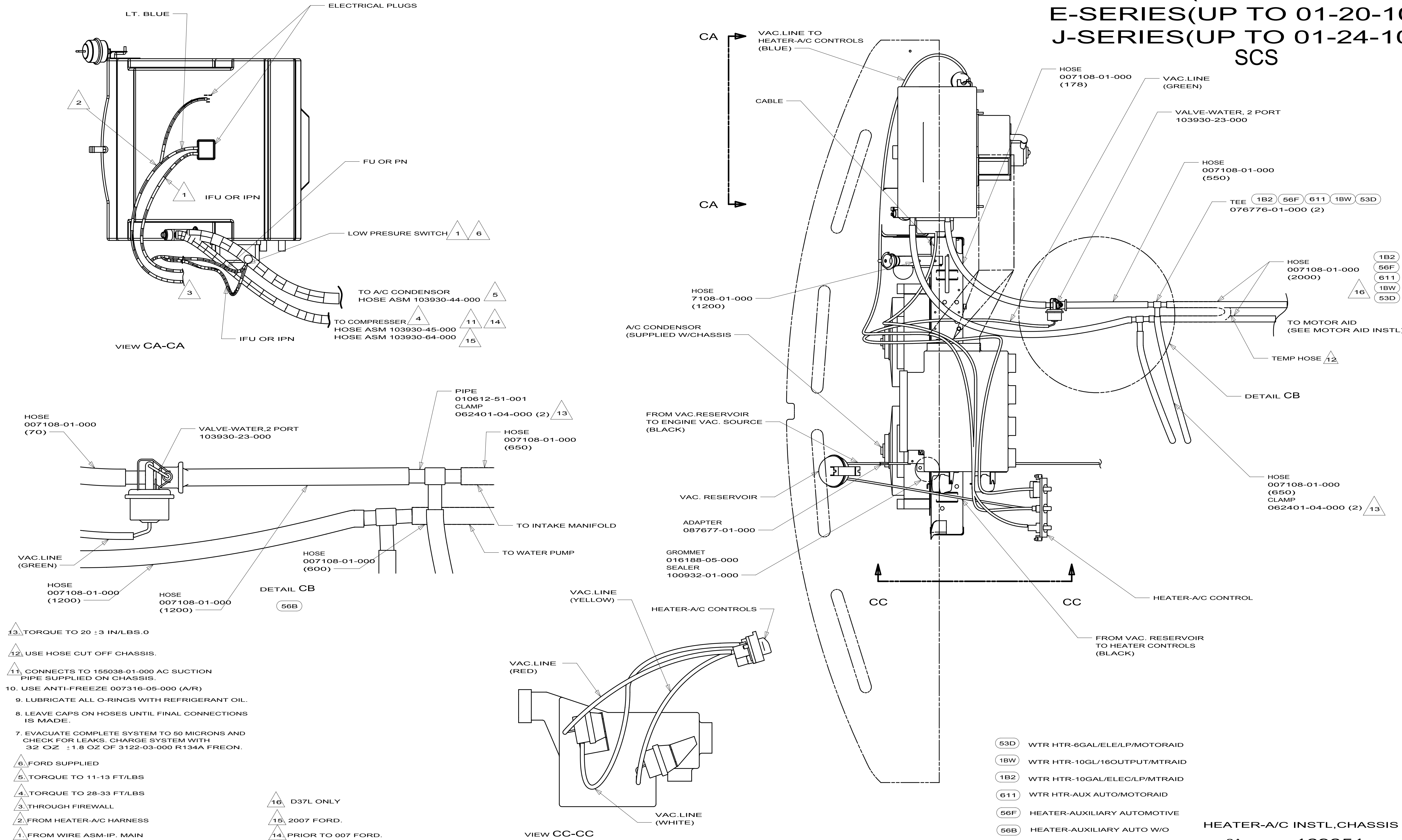
- 53D WTR HTR-6GAL/ELE/LP/MOTOR AID
- 1BW WTR HTR-10GL/16OUTPUT/MTR AID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTR AID
- 611 WTR HTR-AUX AUTO/MOTOR AID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHK-OR			
P.E.			
M.E.	FIRST USED		
DSNR		10 WORKHORSE	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
TITLE: HEATER-A/C INSTL, CHASSIS			
SHEET 1B of 8		PART NO 169851	
REF:		1	

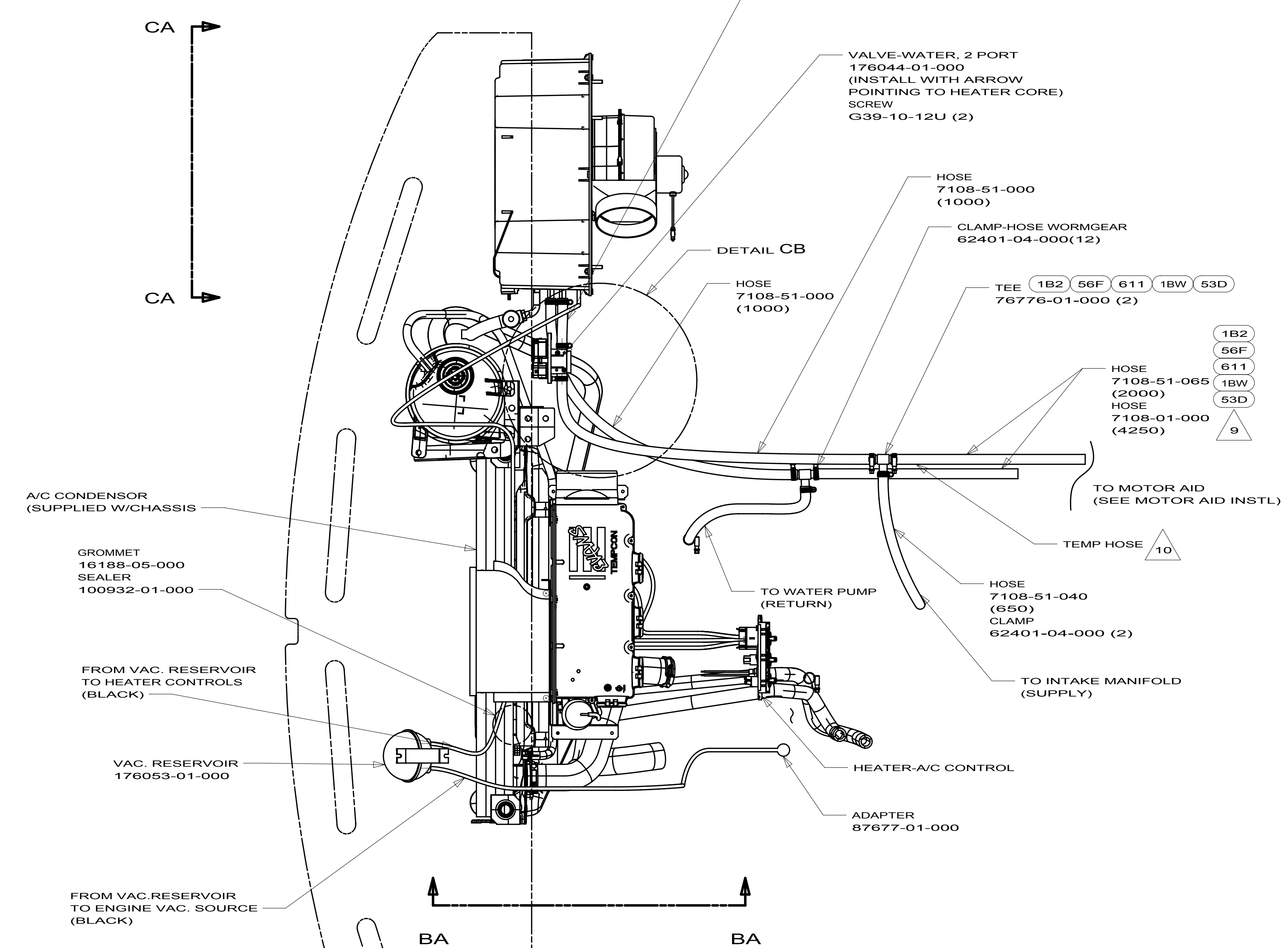
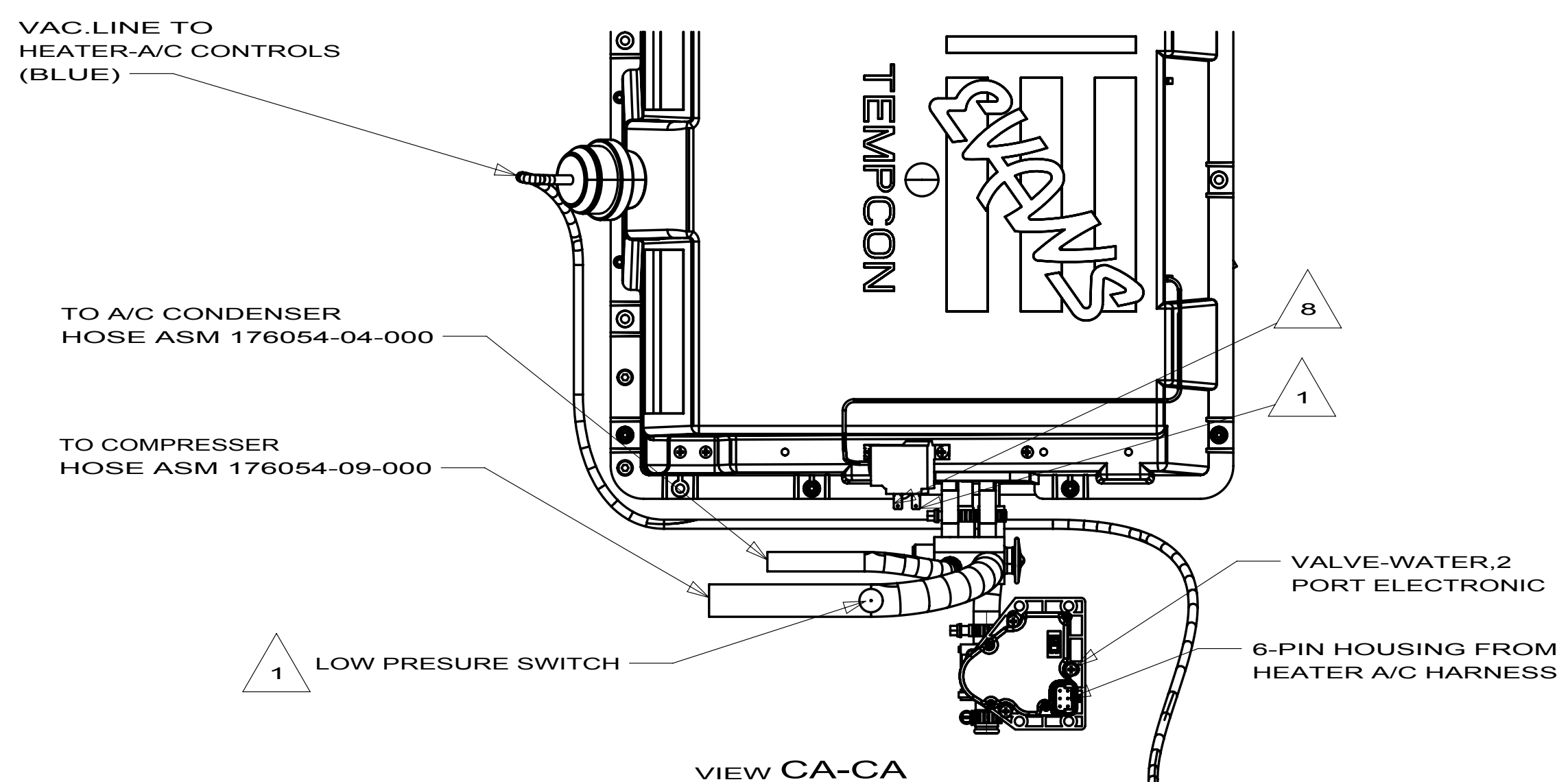
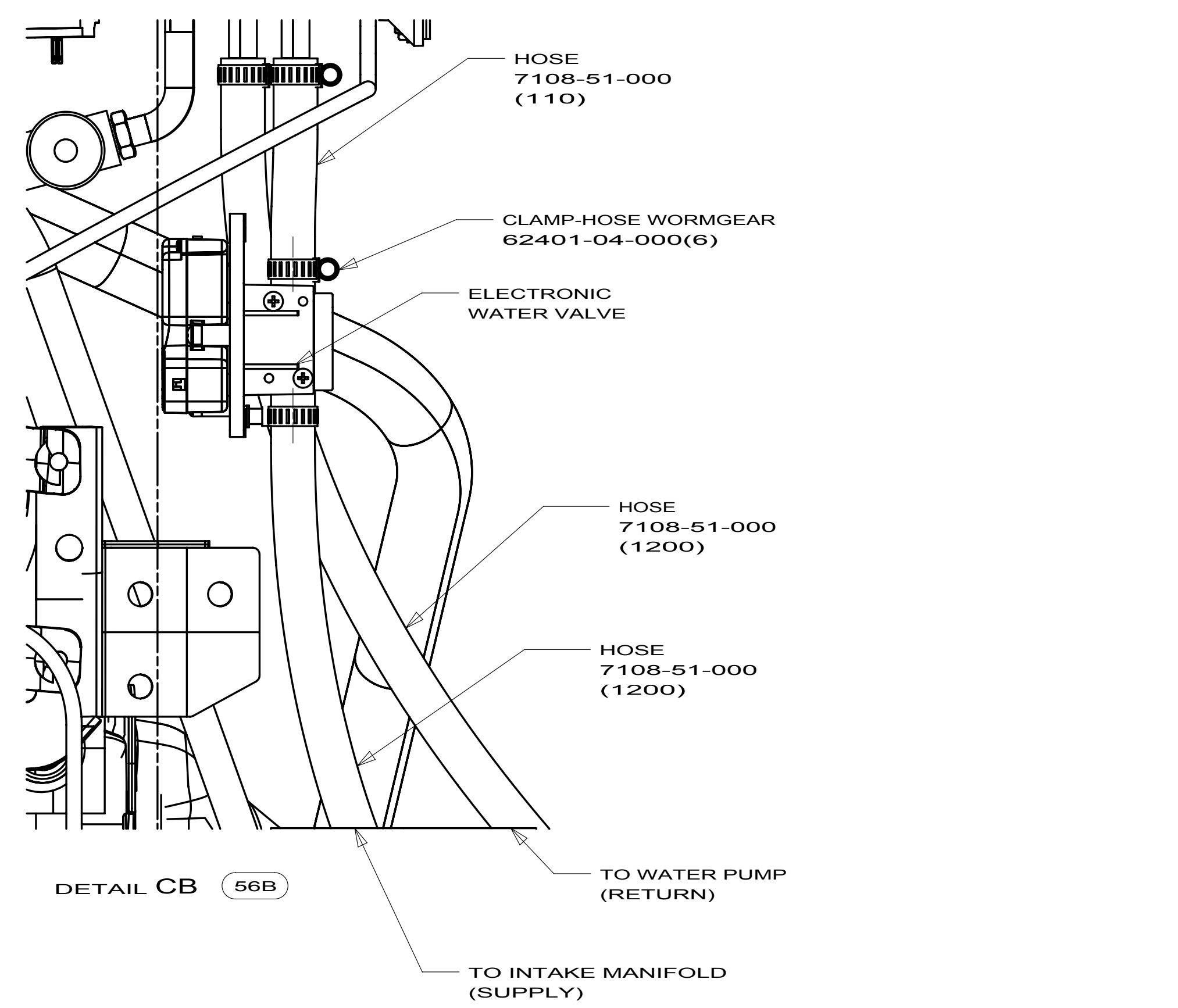
- 10 USE HOSE CUT OFF CHASSIS.
- 9 D37L ONLY.
- 8 BLUE WIRE FROM HEATER-A/C HARNESS.
- 7 WHEN MOTOR AID TUBE CONTACTS ANY CHASSIS COMPONENT THE SHALL BE PTECTED BY CONDUIT 41953-02-000
- 6 USE ANTIFREEZE 7316-03-000 (A/R)
- 5 EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHARGE SYSTEM WITH R134A REFRIGERANT P/N 3122-03-000. SEE ENGINEERING SPECIFICATION ES0083 FOR REFRIGERANT CHARGE AND REFRIGERANT LINE TORQUE VALUES.
- 4 LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.
- 3 LEAVE CAPS ON HOSES UNTIL FINAL CONNECTION IS MADE
- 2 APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.
- 1 WORKHORSE REQUIRES PRODUCTION TO INSTALL AND TORQUE TO 32-50 IN/LBS, THE WORKHORSE SUPPLIED LOW PRESSURE SWITCH IN #10 HOSE KIT NAD PLUG IN WIRE.

NOTES:

FORD F53
GAS ENGINE
D-SERIES(UP TO 02-02-10)
E-SERIES(UP TO 01-20-10)
J-SERIES(UP TO 01-24-10)
SCS



NOTES:

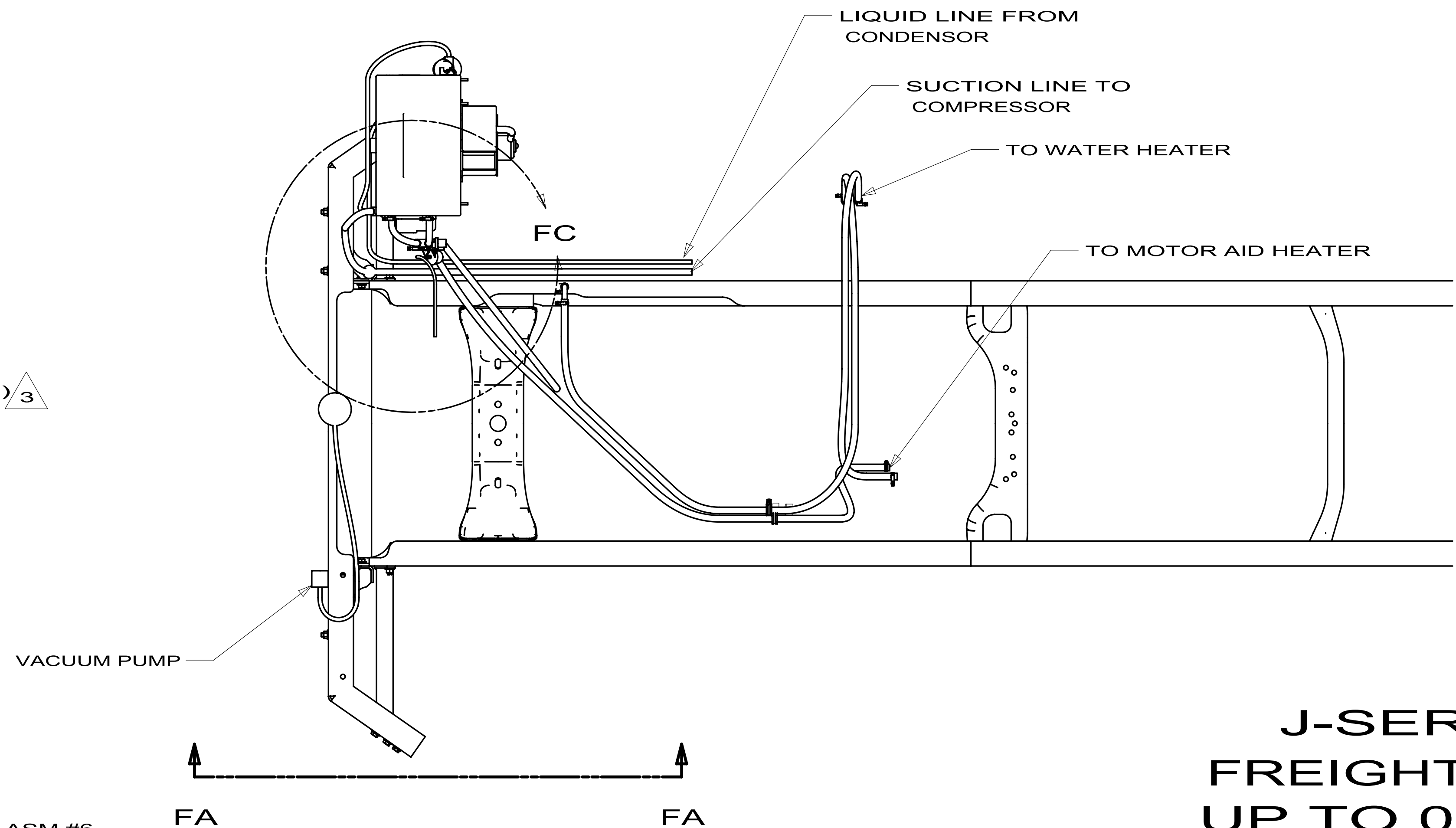
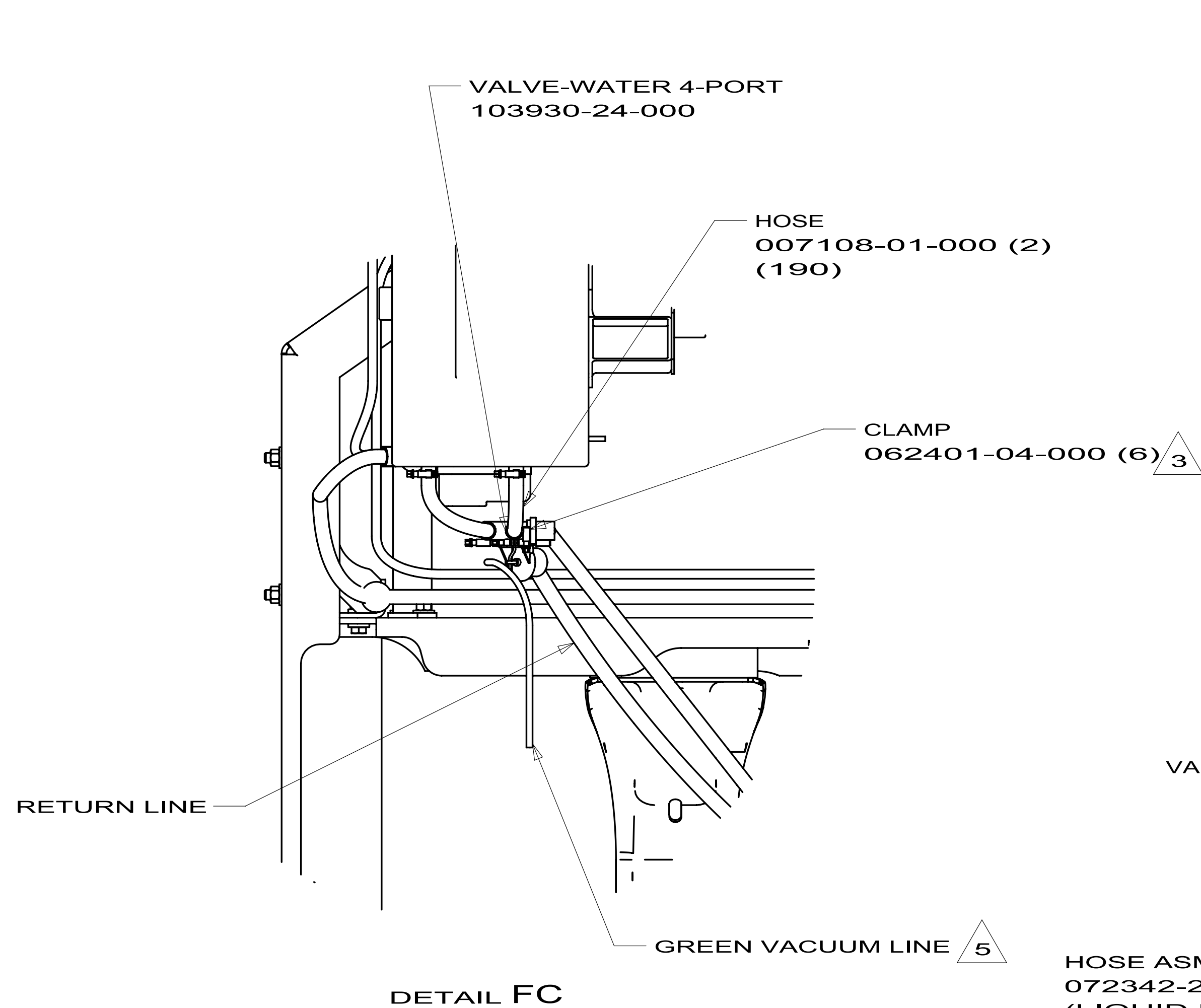


FORD F53 GAS ENGINE E-SERIES(AFTER 01-21-10) D-SERIES(AFTER 02-03-10) J-SERIES(AFTER 01-25-10) EVANS

10. USE HOSE CUT OFF CHASSIS.
9. D37L ONLY.
8. BLUE WIRE FROM HEATER-A/C HARNESS.
7. WHEN MOTOR AID TUBE CONTACTS ANY CHASSIS COMPONENT THE SHALL BE PROTECTED BY CONDUIT 41953-02-000
6. USE ANTIFREEZE 7316-03-000 (A/R)
5. EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHARGE SYSTEM WITH R134A REFRIGERANT P/N 3122-03-000. SEE ENGINEERING SPECIFICATION ES0083 FOR REFRIGERANT CHARGE AND REFRIGERANT LINE TORQUE VALUES.
4. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.
3. LEAVE CAPS ON HOSES UNTIL FINAL CONNECTION IS MADE
2. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.
1. FROM WIRE ASM-IP, MAIN
- NOTES:

- 53D WTR HTR-6GAL/ELE/LP/MOTOR AID
- 1BW WTR HTR-10GL/16OUTPUT/MTR AID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTR AID
- 611 WTR HTR-AUX AUTO/MOTOR AID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

FIRST USED		
10 FORD F53		
DO NOT SCALE DRAWING		
TITLE:		
HEATER-A/C INSTL, CHASSIS		
SHEET 2B	PART NO	REV
	169851	



J-SERIES FREIGHTLINER UP TO 01-24-10 SCS

HOSE ASM #6
072342-27-000
(LIQUID LINE
FROM DRIER TO
BLOCK VALVE)

LIQUID LINE
RECEIVER DRIER
MOUNTED TO FIREWALL
(CHASSIS SUPPLIED)

12 REQUIRED MANDATORY REFILLING COOLANT SYSTEM PROCESS USING COOLANT REFILL TOOL (IUUV550500INT).

11 EVACUTE COMPLETE SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS. CHARGE SYSTEM WITH 32 OZ $\pm$ 1.8 OZ OF 3122-00-R134A FREON.

10 WHEN MOTOR AID TUBE CONTACTS ANY CHASSIS COMPONENT THE TUBE SHALL BE PROTECTED BY CONDUIT 041953-02-000.

9. SEE MOTOR AID INSTL FOR ADDITIONAL INFORMATION.

8. USE ANTIFREEZE 007316-03-000 (A/R).

7. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.

6. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.

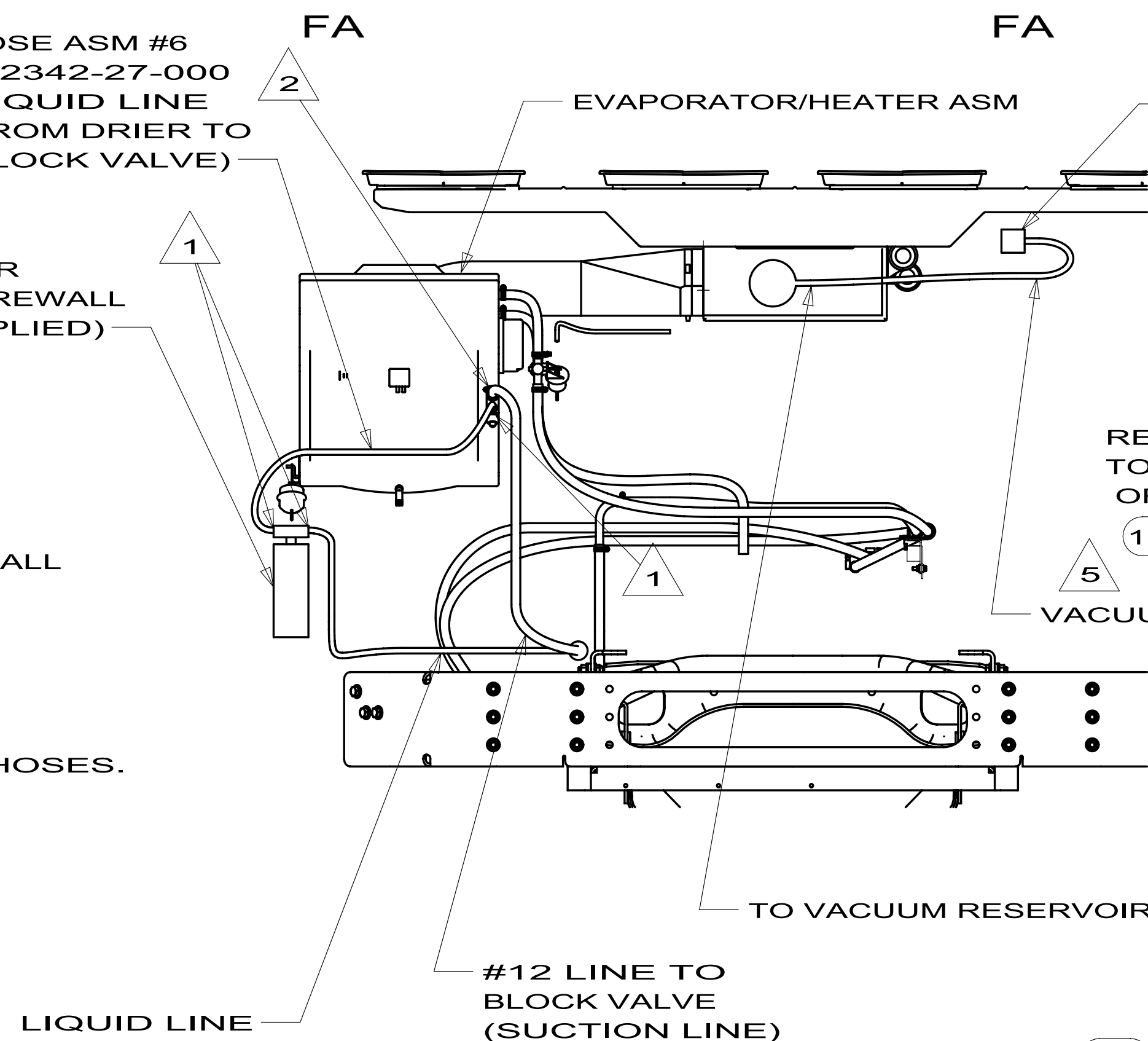
5. SUPPLIED WITH A/C-HEATER.

4. LEAVE CAPS ON HOSES UNTIL FINAL CONNECTION IS MADE.

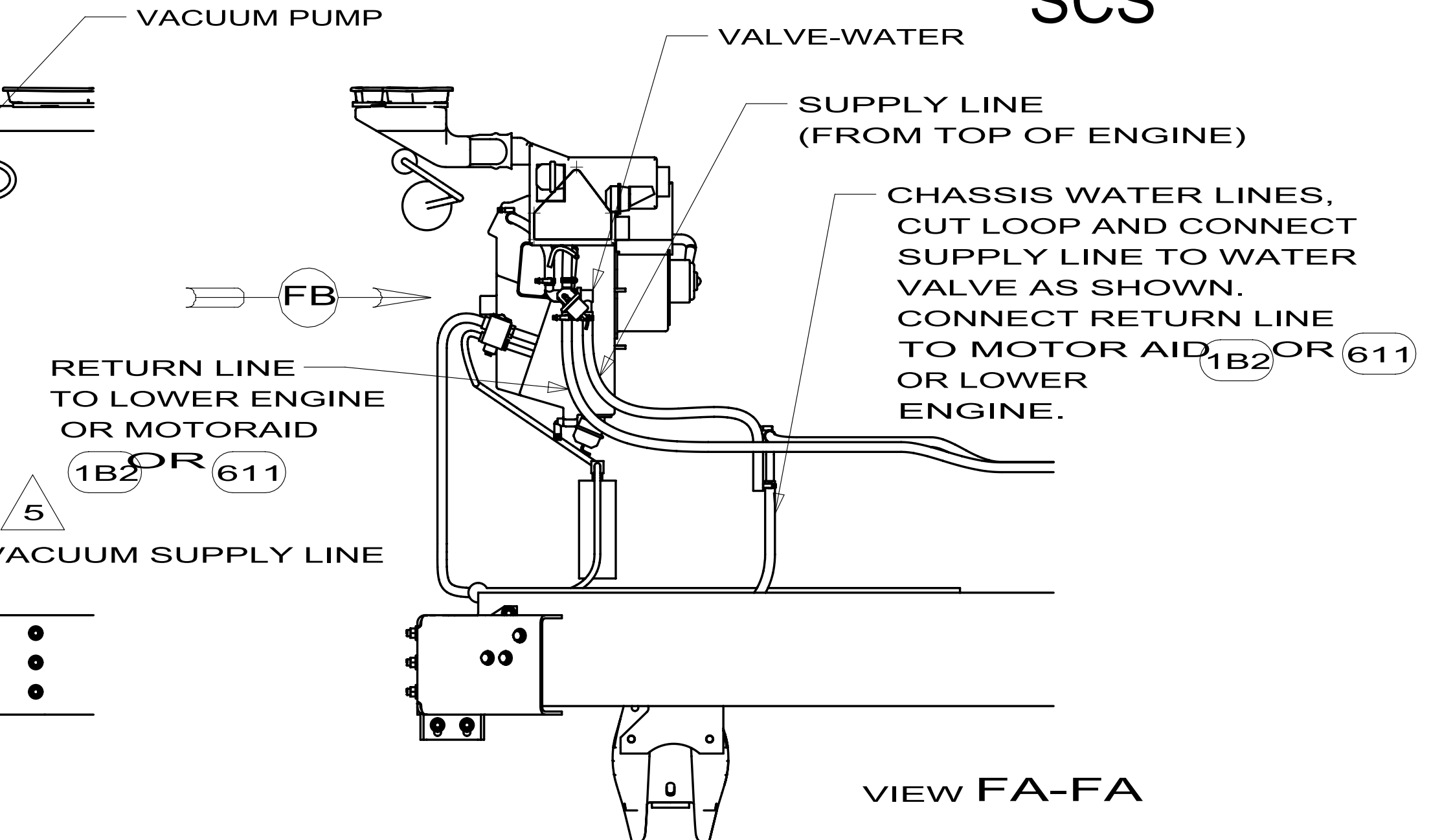
3. TORQUE TO 20.0 $\pm$ 3 IN/LBS.

2. TORQUE TO 28-33 FT/LBS.

1. TORQUE TO 11-13 FT/LBS.



VIEW FB



VIEW FA-FA

1B2 WTR HTR-10GAL/ELEC/LP/MTRAID

611 WTR HTR-AUX AUTO/MOTOR AID

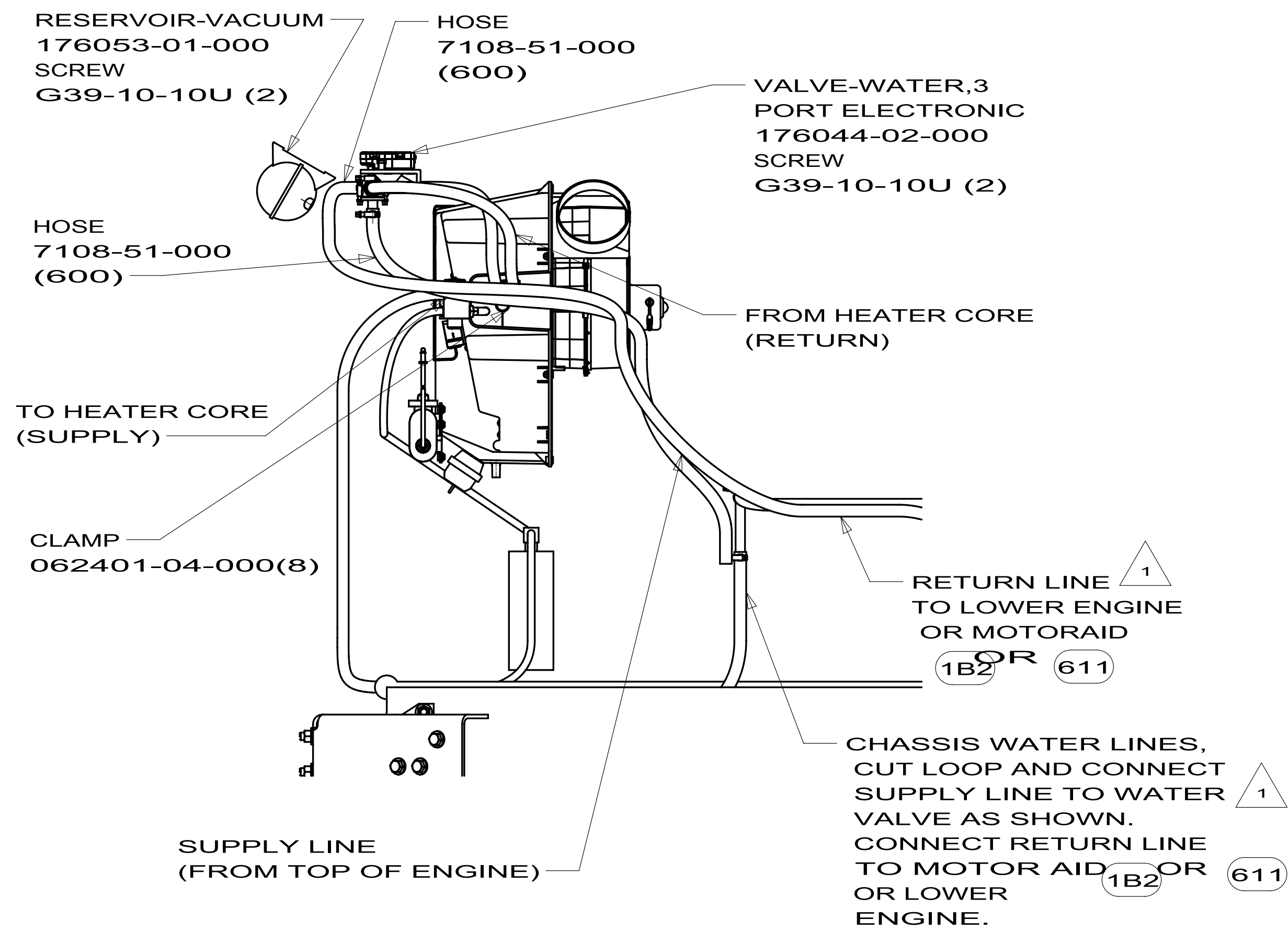
1LL FRTL (FRED) 27,000#-22.5 TIRES

HEATER-A/C INSTL CHASSIS

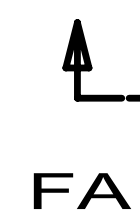
5A

169851

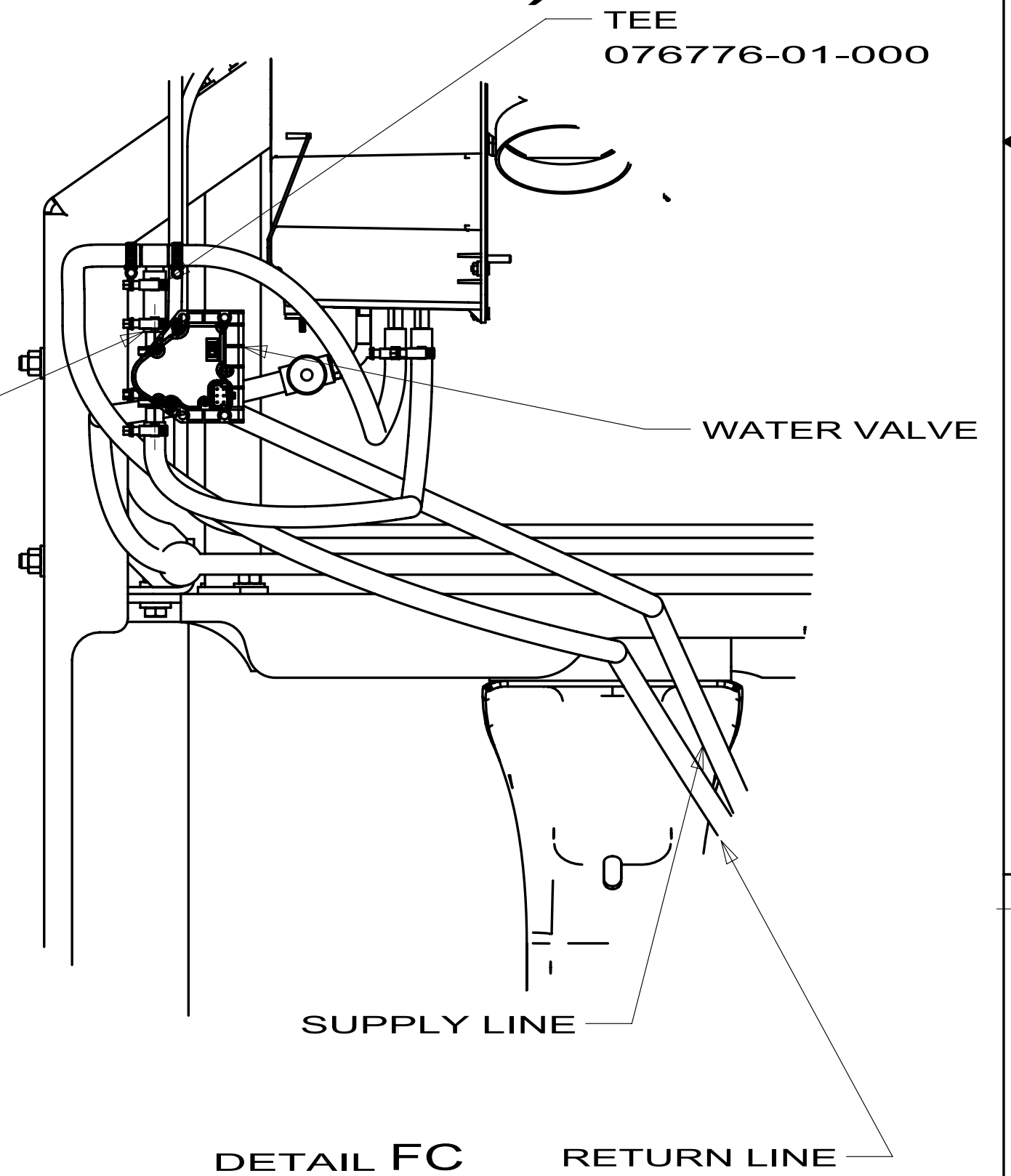
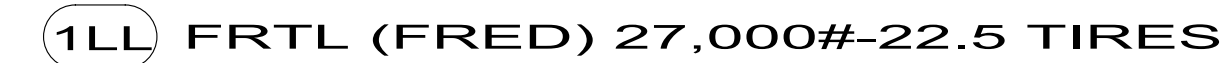
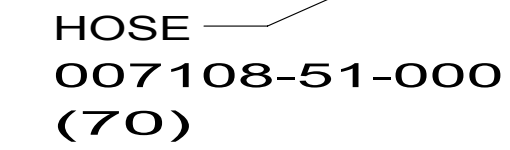
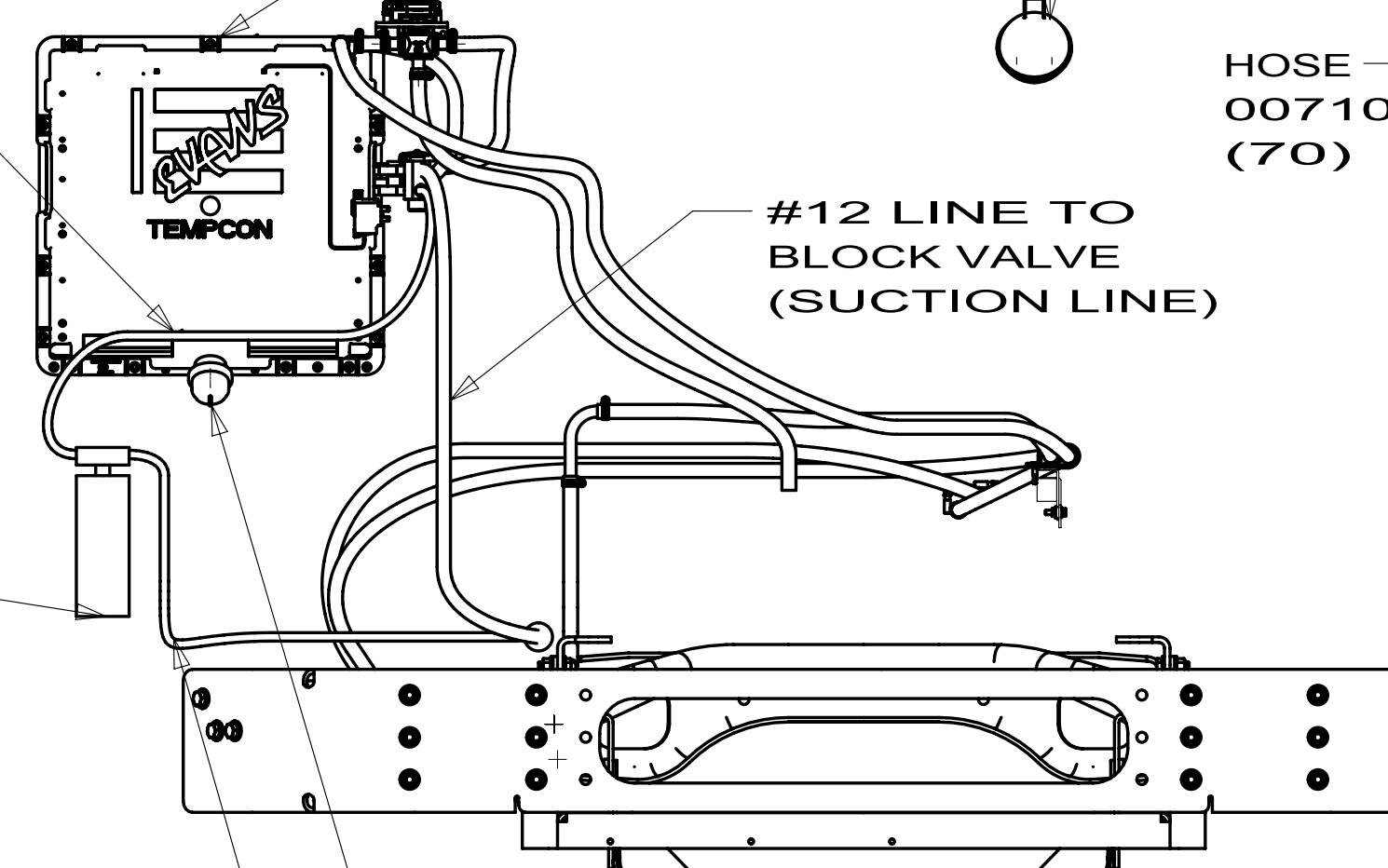
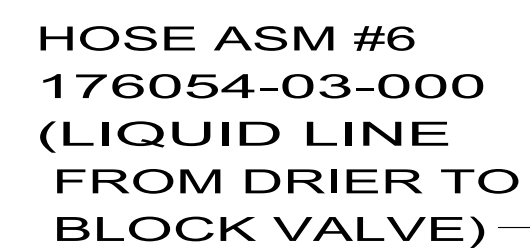
NOTES:



VIEW FA-FA



J-SERIES FREIGHTLINER (AFTER 01-25-10) EVANS



DETAIL FC

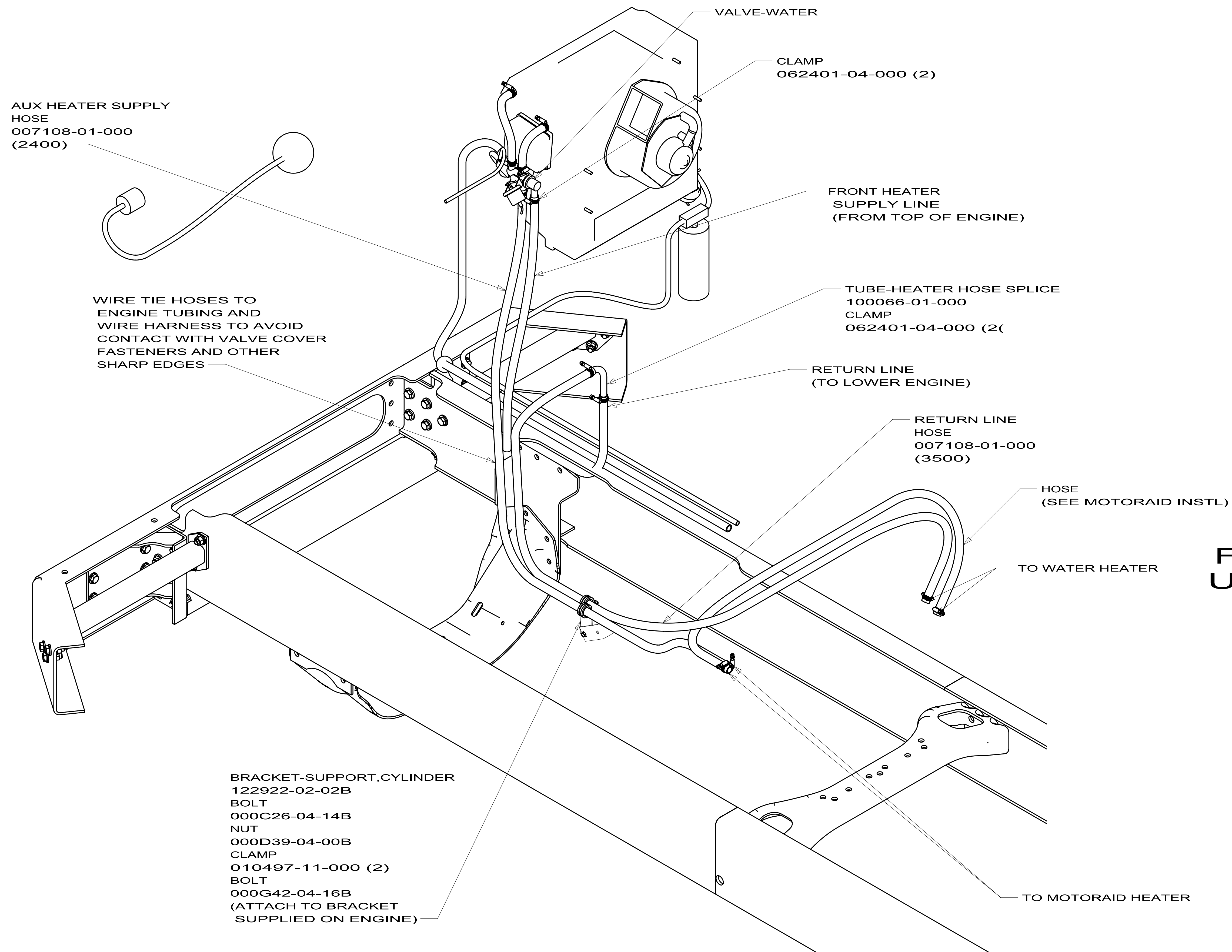
RETURN LINE -

8. REQUIRED MANDATORY REFILLING COOLANT SYSTEM PROCESS USING COOLANT REFILL TOOL (IUUVU550500INT).
7. WHEN MOTOROID TUBE CONTACTS ANY CHASSIS COMPONENT THE TUBE SHALL BE PROTECTED BY CONDUIT 41953-02-000.
6. USE ANTIFREEZE 7316-03-000 (A/R).
5. EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHARGE SYSTEM WITH R134A REFRIGERANT P/N 3122-00-000. SEE ENGINEERING SPECIFICATION ES0083 FOR REFRIGERANT CHARGE AND REFRIGERANT LINE TORQUE VALUES.
4. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.
3. LEAVE CAPS ON HOSES UNTIL FINAL CONNECTION IS MADE.
2. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.

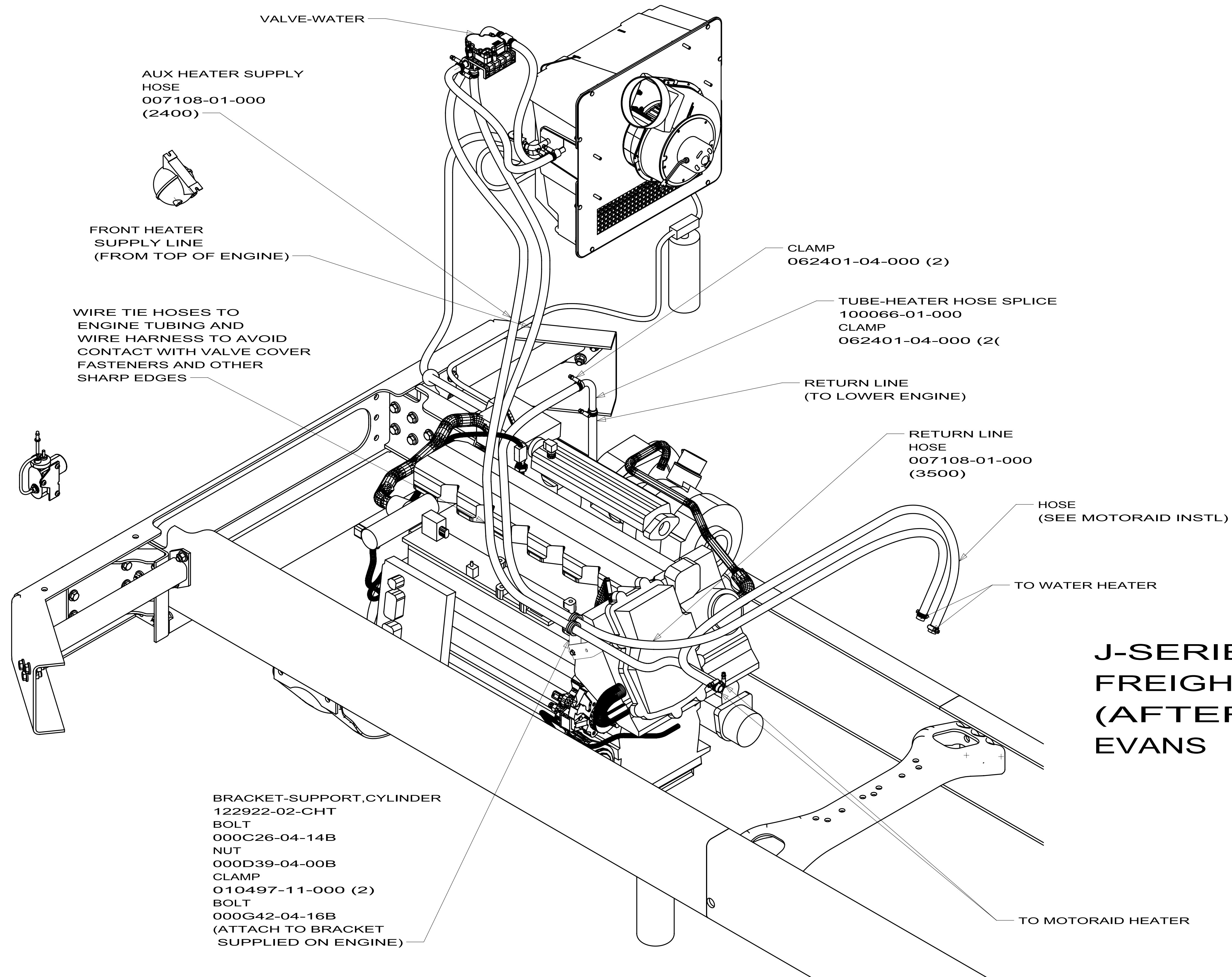
NOTES:

1. SEE MOTORAID INSTL FOR ADDITIONAL INFORMATION.

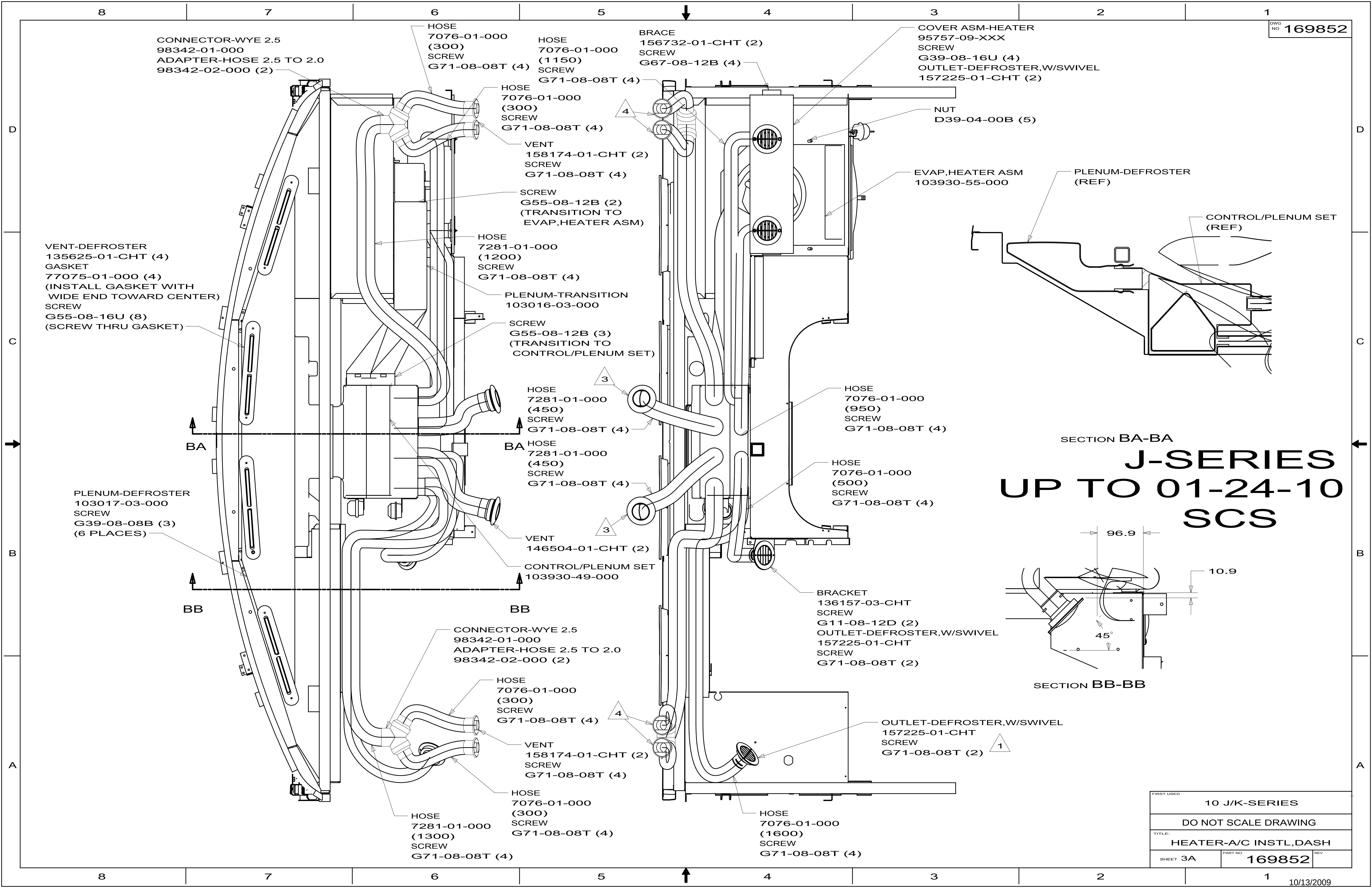
FIRST USED			
J & K FL			
DO NOT SCALE DRAWING			
TITLE: HEATER-A/C INSTL CHASSIS			
SHEET K 5B		PART NO 169851	REV



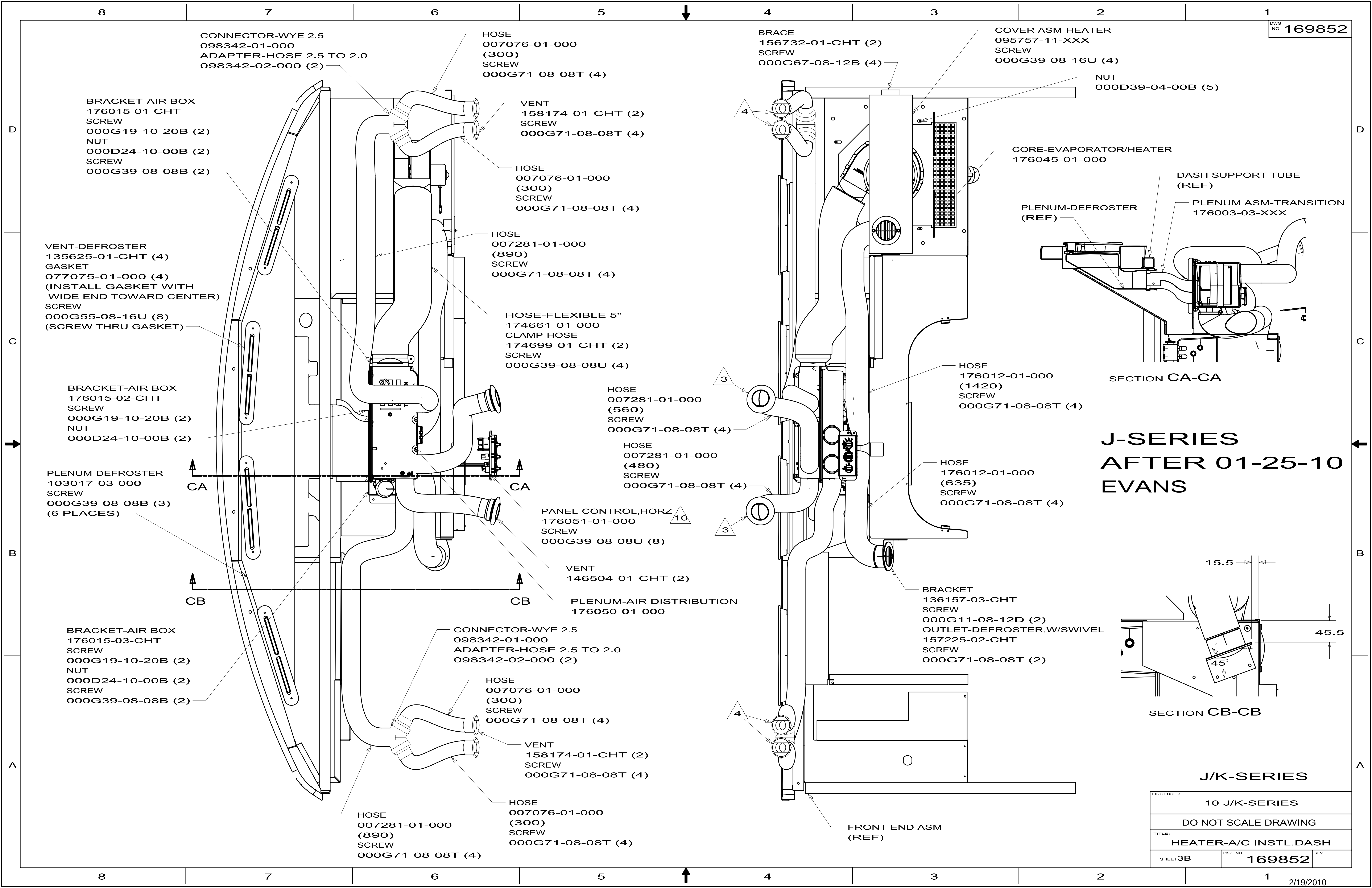
**J-SERIES
FREIGHTLINER
UP TO 01-24-10
SCS**



FIRST USED		
J & K FL		
DO NOT SCALE DRAWING		
TITLE:		
HEATER-A/C INSTL CHASSIS		
SHEET 6B	PART NO 169851	REV



FIRST USED		
10 J/K-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET 3A	PART NO 169852	REV



CONNECTOR-WYE 2.5
098342-01-000
ADAPTER-HOSE 2.5 TO 2.0
098342-02-000 (2)

HOSE
007076-01-000
(300)
SCREW
000G71-08-08T (4)

VENT
158174-01-CHT (2)
SCREW
000G71-08-08T (4)

HOSE
007076-01-000
(300)
SCREW
000G71-08-08T (4)

HOSE
007281-01-000
(890)
SCREW
000G71-08-08T (4)

HOSE-FLEXIBLE 5"
174661-01-000
CLAMP-HOSE
174699-01-CHT (2)
SCREW
000G39-08-08U (4)

HOSE
007281-01-000
(560)
SCREW
000G71-08-08T (4)

HOSE
007281-01-000
(480)
SCREW
000G71-08-08T (4)

PANEL-CONTROL,HORZ
176051-01-000
SCREW
000G39-08-08U (8)

VENT
146504-01-CHT (2)

PLENUM-AIR DISTRIBUTION
176050-01-000

CONNECTOR-WYE 2.5
098342-01-000
ADAPTER-HOSE 2.5 TO 2.0
098342-02-000 (2)

HOSE
007076-01-000
(300)
SCREW
000G71-08-08T (4)

VENT
158174-01-CHT (2)
SCREW
000G71-08-08T (4)

HOSE
007281-01-000
(890)
SCREW
000G71-08-08T (4)

HOSE
007076-01-000
(300)
SCREW
000G71-08-08T (4)

BRACE
156732-01-CHT (2)
SCREW
000G67-08-12B (4)

COVER ASM-HEATER
095757-11-XXX
SCREW
000G39-08-16U (4)

NUT
000D39-04-00B (5)

CORE-EVAPORATOR/HEATER
176045-01-000

PLENUM-DEFROSTER
(REF)

DASH SUPPORT TUBE
(REF)

PLENUM ASM-TRANSITION
176003-03-XXX

HOSE
176012-01-000
(1420)
SCREW
000G71-08-08T (4)

HOSE
176012-01-000
(635)
SCREW
000G71-08-08T (4)

BRACKET
136157-03-CHT
SCREW
000G11-08-12D (2)
OUTLET-DEFROSTER,W/SWIVEL
157225-02-CHT
SCREW
000G71-08-08T (2)

FRONT END ASM
(REF)

BRACKET-AIR BOX
176015-01-CHT
SCREW
000G19-10-20B (2)
NUT
000D24-10-00B (2)
SCREW
000G39-08-08B (2)

VENT-DEFROSTER
135625-01-CHT (4)
GASKET
077075-01-000 (4)
(INSTALL GASKET WITH
WIDE END TOWARD CENTER)
SCREW
000G55-08-16U (8)
(SCREW THRU GASKET)

BRACKET-AIR BOX
176015-02-CHT
SCREW
000G19-10-20B (2)
NUT
000D24-10-00B (2)

PLENUM-DEFROSTER
103017-03-000
SCREW
000G39-08-08B (3)
(6 PLACES)

BRACKET-AIR BOX
176015-03-CHT
SCREW
000G19-10-20B (2)
NUT
000D24-10-00B (2)
SCREW
000G39-08-08B (2)

KEY	PART NUMBER	U/M DESCRIPTION	072342-17-000 VENDOR NO.
	072342-12-701	EA HOSE ASM #8 CONDENSER/COMP	085-0142
	113245-01-707	EA O'RING #8	045-0126

KEY	PART NUMBER	U/M DESCRIPTION	072342-26-000 VENDOR NO.
	072342-26-700	EA SWITCH-BINARY W/PACKARD CONN	032-00384
	072342-26-701	EA HOSE ASM. - #6 DRIER/EVAP	085-00623
	103930-01-716	EA SWITCH-PRESSURE/COND. FAN	032-0036
	113245-01-711	EA O'RING #6	045-0129

KEY	PART NUMBER	U/M DESCRIPTION	072342-27-000 VENDOR NO.
	072342-27-700	EA HOSE - #6 DRIER/EVAPORATOR	085-00622
	103930-01-716	EA SWITCH-PRESSURE/COND. FAN	032-0036
	103930-12-708	EA SWITCH-BINARY-HI/LOW CUTOUT	032-00048
	103930-12-709	EA FITTING-QUICK CONNECT	050-0120
	110279-02-702	EA O'RING #12	045-0125
	113245-01-711	EA O'RING #6	045-0129

KEY	PART NUMBER	U/M DESCRIPTION
	103930-29-701	EA O'RING F/LOW PRESSURE SWITCH
	103930-44-700	EA HOSE ASSEMBLY #6
	113245-01-711	EA O'RING #6

103930-44-000
VENDOR NO
045-0483
085-0462
045-0129

KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-45-700	EA HOSE - #10 EVAP/COMP - 3'

103930-45-000
VENDOR NO.
045-0127
085-0463

KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-29-701	EA O'RING F/LOW PRESSURE SWITCH
	103930-46-700	EA HOSE - #10 EVAP/COMP - 4.3'

103930-46-000
VENDOR NO
045-0127
045-0483
085-0486

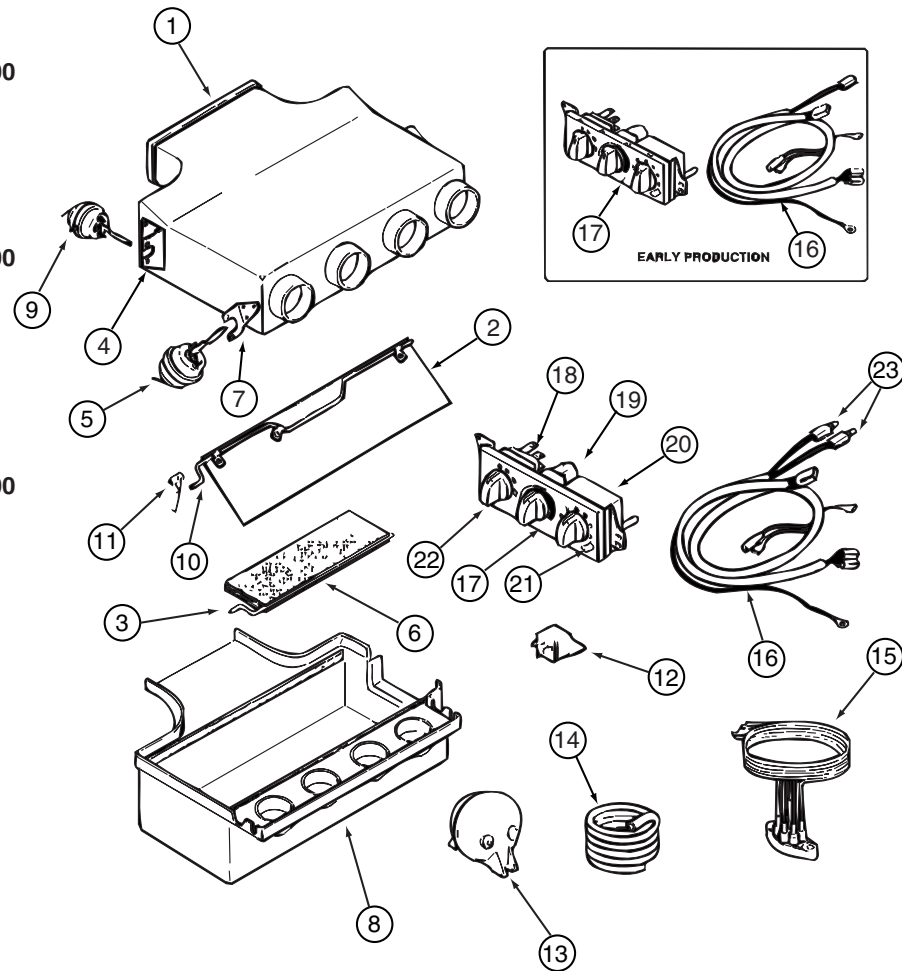
KEY	PART NUMBER	U/M DESCRIPTION
	103930-47-700	EA HOSE - #6-EVAP/DRIER - 2.2'
	113245-01-710	EA O'RING, #12

103930-47-000
VENDOR NO
085-0485
045-0128

KEY	PART NUMBER	U/M DESCRIPTION
1	103930-39-705	EA PLENUM - TOP
2	103930-04-700	EA DOOR - DEFROSTER-A/C
3	103930-39-700	EA ROD - DOOR - AC/HEAT
5	103930-02-708	EA MOTOR-VACUUM SERVO, A/C
6	103930-39-706	EA PLATE - DOOR - A/C
8	103930-39-707	EA PLENUM - BOTTOM
9	103930-33-701	EA MOTOR - VACUUM, 3 STAGE
10	103930-39-701	EA ROD - DOOR - AC/DEFROST
11	103930-39-704	EA SPRING
12	103930-02-707	EA RELAY-BOSCH W/RESISTER
13	103930-02-710	EA CANISTER-VACUUM
15	103930-33-703	EA VACUUM HARNESS
16	103930-49-700	EA HARNESS - WIRE
16	103930-49-701	EA HARNESS - WIRE W/BULBS
17	103930-49-702	EA CONTROL PANEL-RECESSED FACE
17	103930-49-703	EA CONTROL PANEL ASM. - DRIVER
18	103930-49-704	EA SWITCH - BLOWER
19	103930-49-705	EA POTENTIOMETER
20	103930-49-706	EA SWITCH - VACUUM
21	103930-49-707	EA DECAL CONTROL PANEL-N/RECESS
22	103930-49-708	EA KNOB - BLOWER - NONRECESSED
23	103930-33-705	EA LIGHT BULBS

103930-49-000
VENDOR NO.
060-0482
071-0149
073-0067
030-0025
071-0623
060-0483
030-0105
073-0069
022-0119
031-0001
054-0002
036-0466
036-0556
036-0557
032-0118
083-0223
032-0332
032-0182
032-0185
058-0144
062-0617
035-0030

CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)

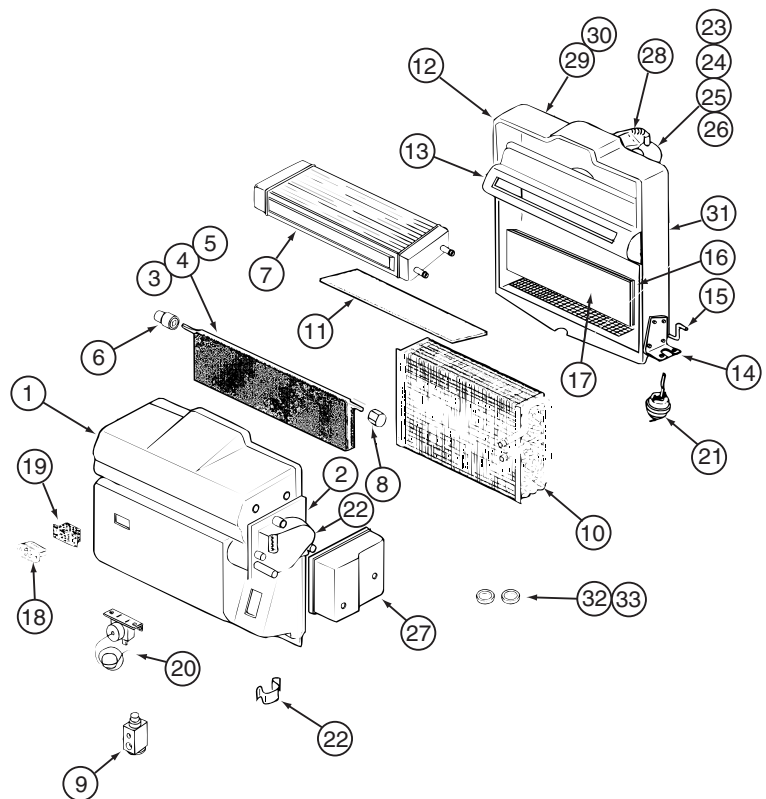


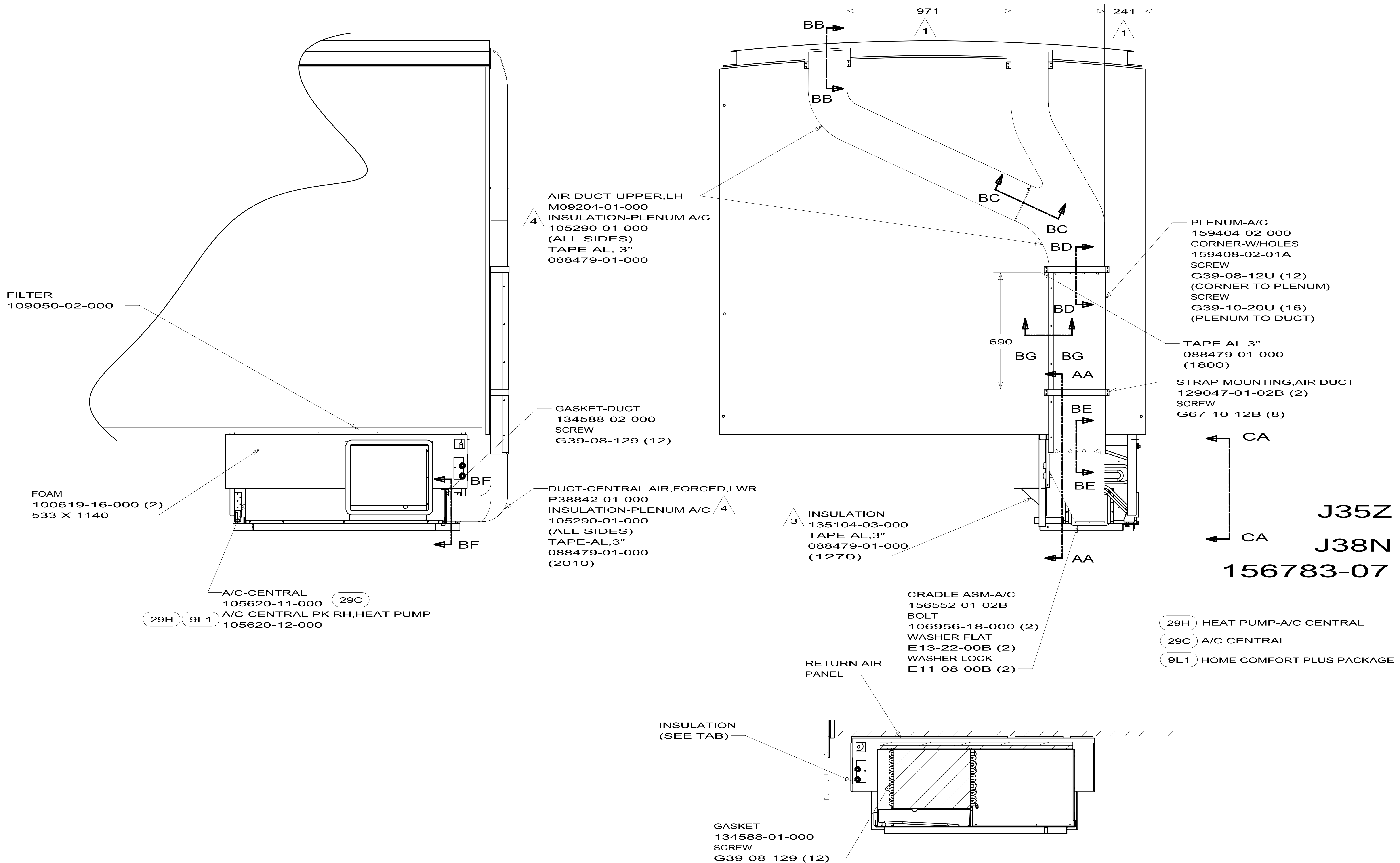
KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

103930-51-000
VENDOR NO.
045-0127
085-0490

KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
1	103930-55-701	EA CASE - FRONT	062-0658
2	103930-30-701	EA PLATE - MOTOR MOUNT	062-0544
3	103930-55-705	EA DOOR - BLEND AIR	071-0892
6	103930-30-702	EA BUSHING/DRIVE (BLEND DOOR)	062-0168
7	103930-55-706	EA CORE - HEATER - W/GASKET	084-0271
8	103930-30-709	EA COUPLING - BLEND DOOR SHAFT	062-0634
9	103930-20-700	EA VALVE-EXPANSION-BLOCK, 2 TON	034-0032
10	103930-55-700	EA CORE-EVAPORATOR	041-00168
12	103930-55-702	EA CASE-REAR	062-0657
14	103930-01-708	EA BRACKET-VACUUM MOTOR	070-0113
15	103930-20-704	EA ROD-DOOR-RECIRCULATING	073-0018
16	103930-55-707	EA DOOR - RECIRCULATION	071-0891
18	103930-01-710	EA RESISTOR-FUSED, A/C 4 TERM	035-0006
20	103930-01-711	EA THERMOSTAT	033-0003
21	103930-02-708	EA MOTOR-VACUUM SERVO, A/C	030-0025
22	103930-30-703	EA MOTOR - SERVO	030-0104
23	103930-20-707	EA HOUSING-BLOWER	062-0145
24	103930-55-703	EA MOTOR - BLOWER W/O PIGTAIL	030-0137
25	103930-01-717	EA WHEEL-BLOWER, CLOCKWISE	062-0010
26	103930-20-708	EA CLIP-MOTOR SHAFT	022-0001
27	103930-30-704	EA COVER - SERVO	062-0545
32	113245-01-707	EA O'RING #8	045-0126
33	103930-17-702	EA O'RING #10	045-0127
	103930-55-704	EA CORE-HEATER	042-0059
	110279-01-703	EA HOSE-VENT F/BLOWER MOTOR	051-0034
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)			

KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO
	103930-17-702	EA O'RING #10	045-0127
	103930-59-700	EA HOSE - A/C-#12EVAP/COMP 80"	085-0574
	113245-01-710	EA O'RING, #12	045-0128



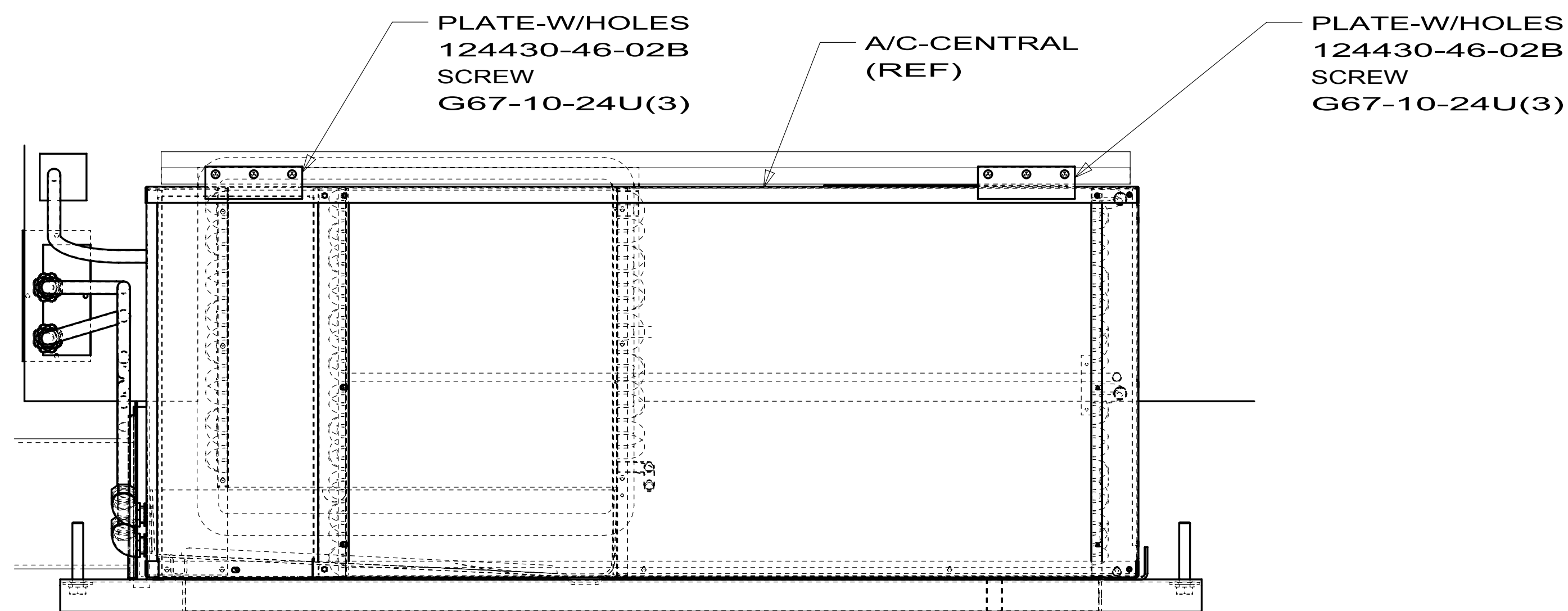


J35Z
J38N
156783-07

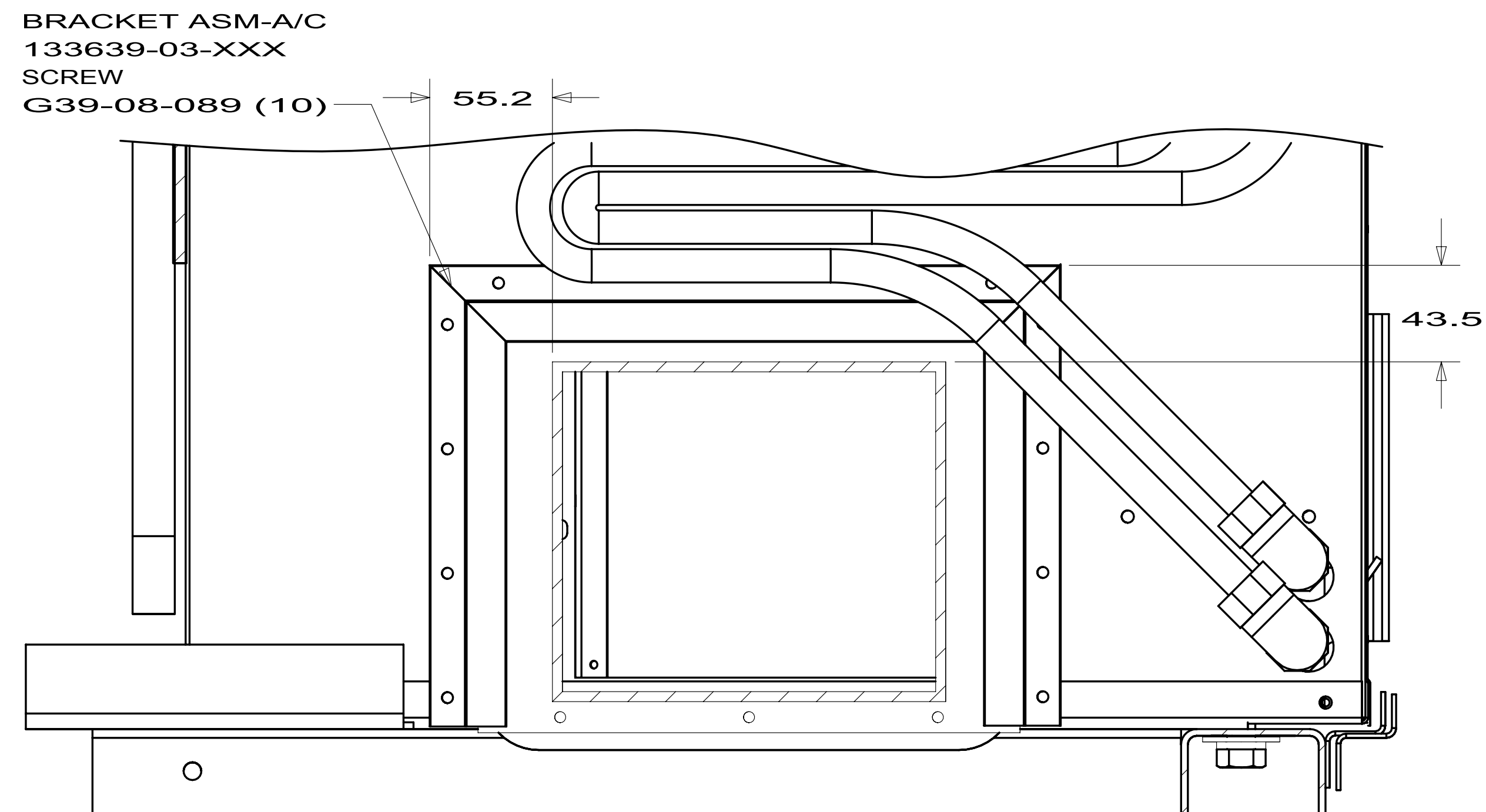
- (29H) HEAT PUMP-A/C CENTRAL
- (29C) A/C CENTRAL
- (9L1) HOME COMFORT PLUS PACKAGE

SECTION AA-AA

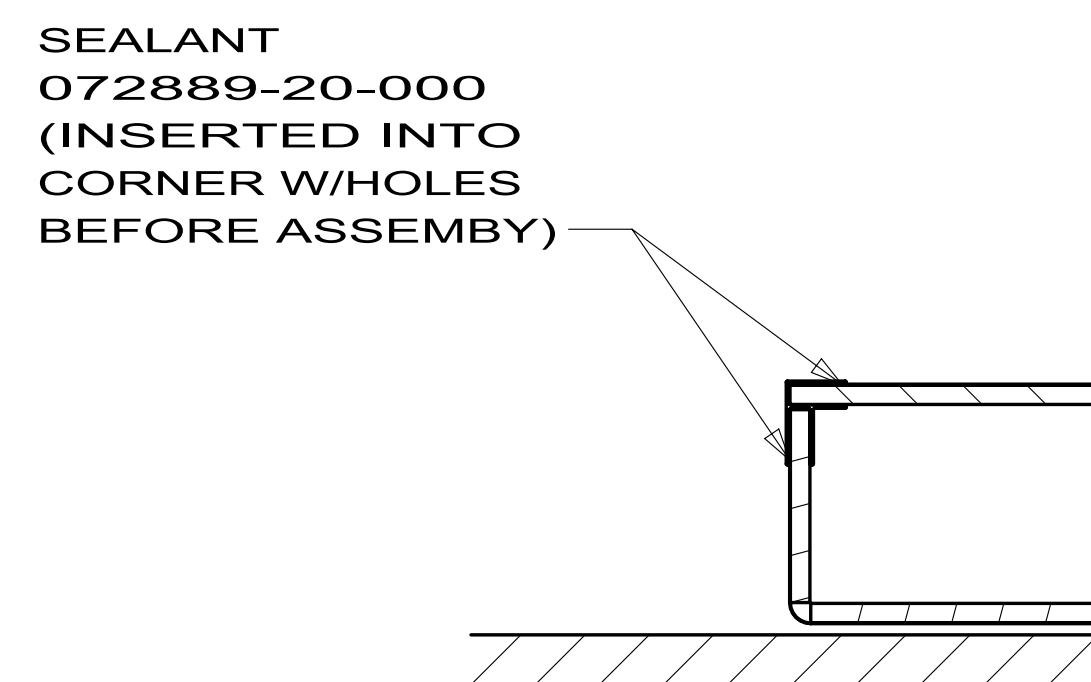
A/C SYSTEM INSTL-COACH
156783



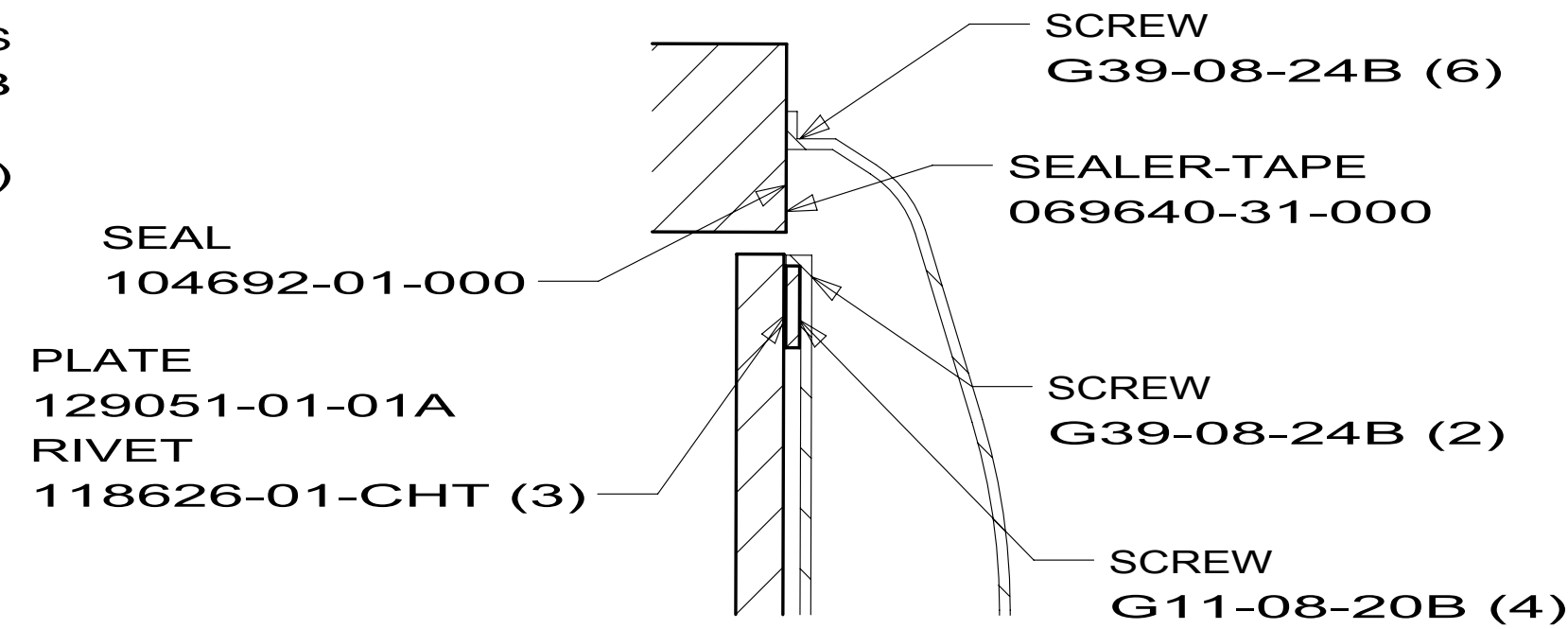
SECTION CA-CA



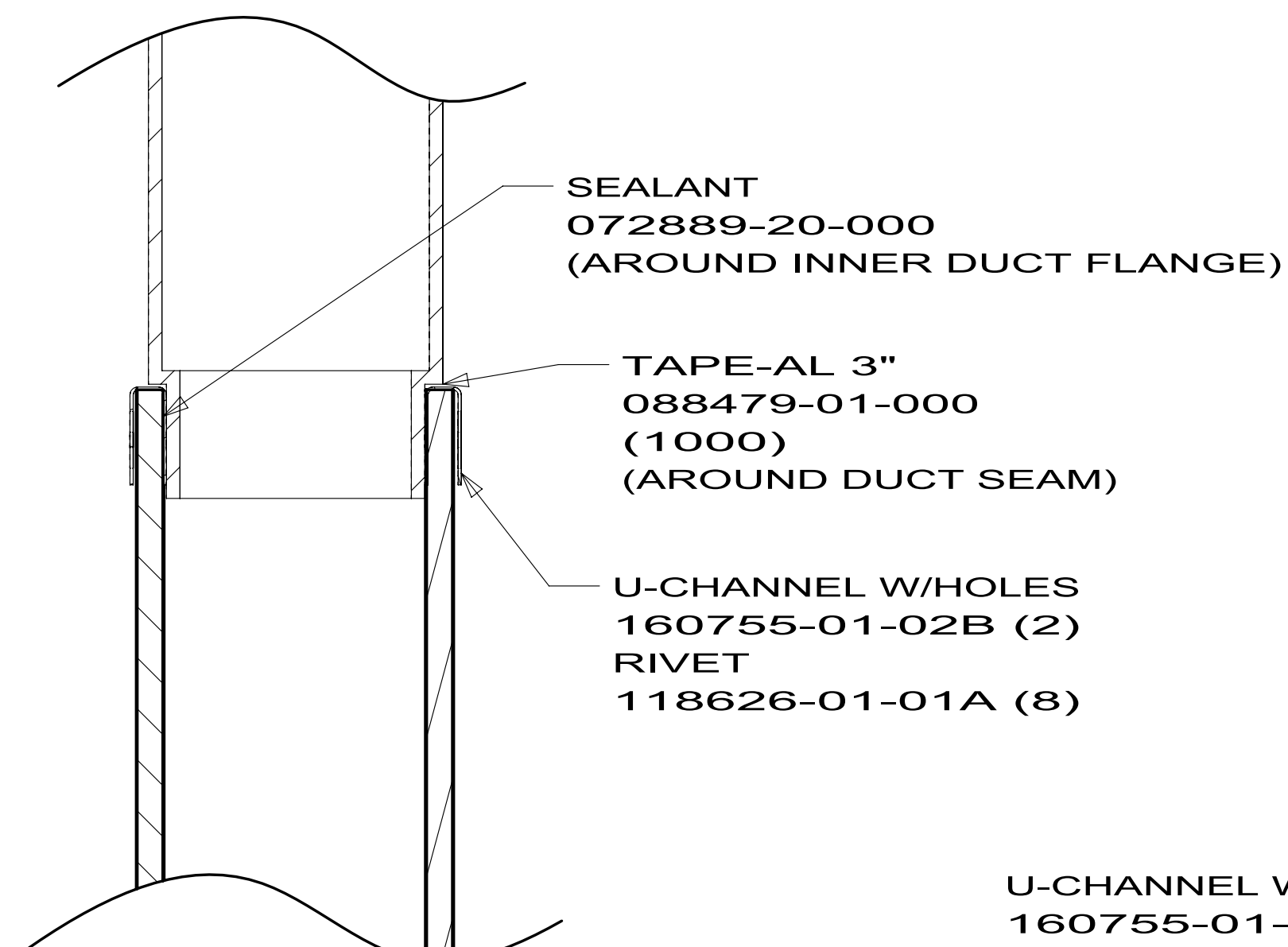
SECTION BF-BF



SECTION BG-BG



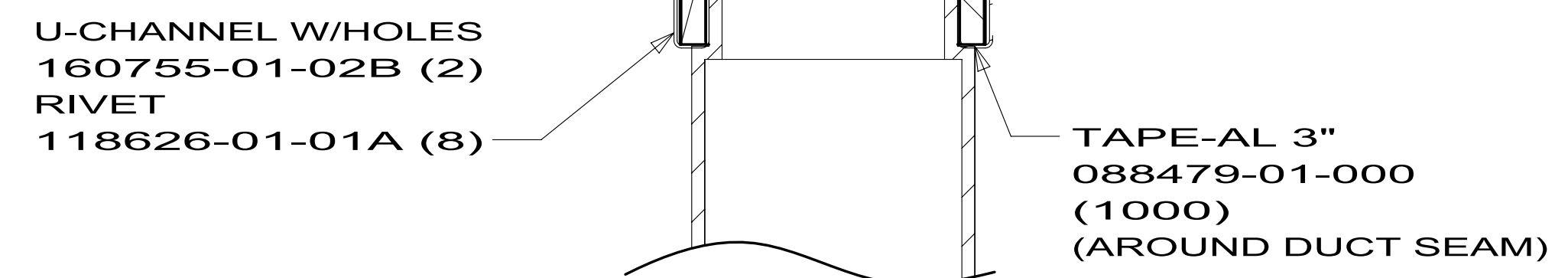
SECTION BB-BB
(2 PLCS)



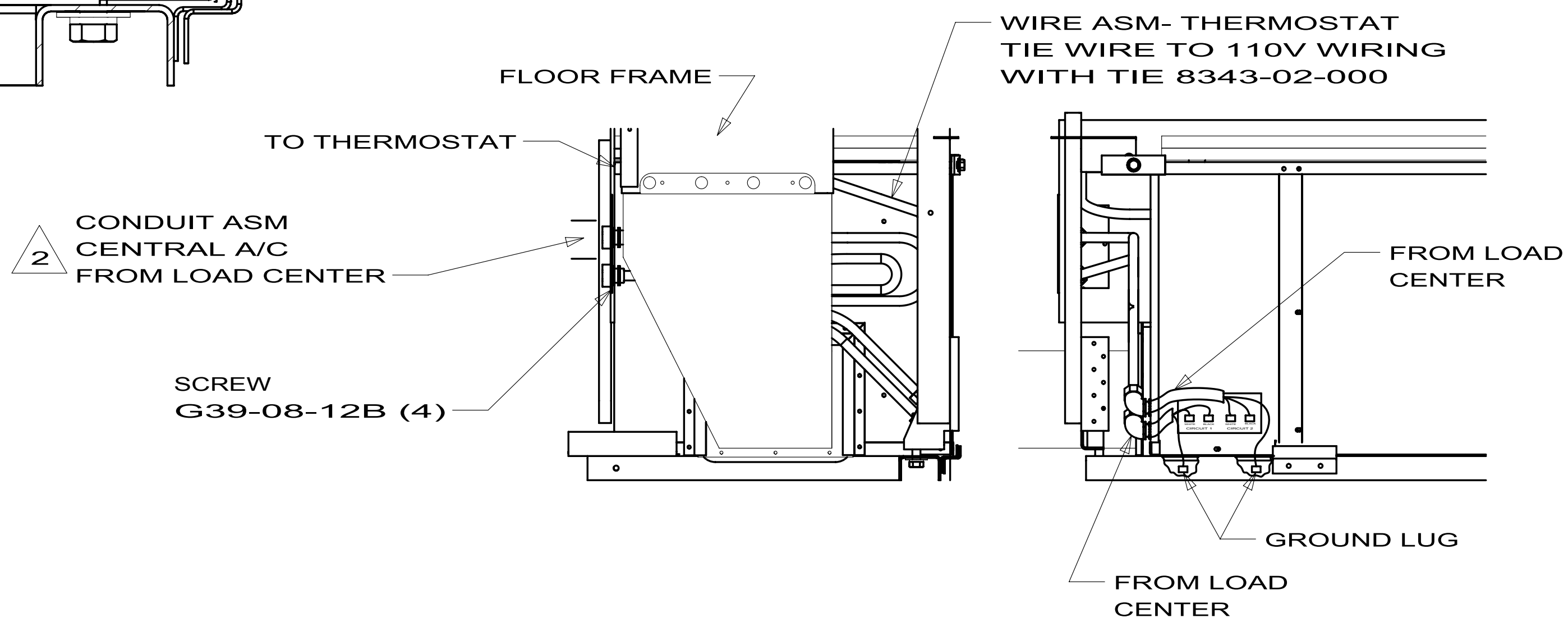
SECTION BD-BD
PART OF M09204-01-000



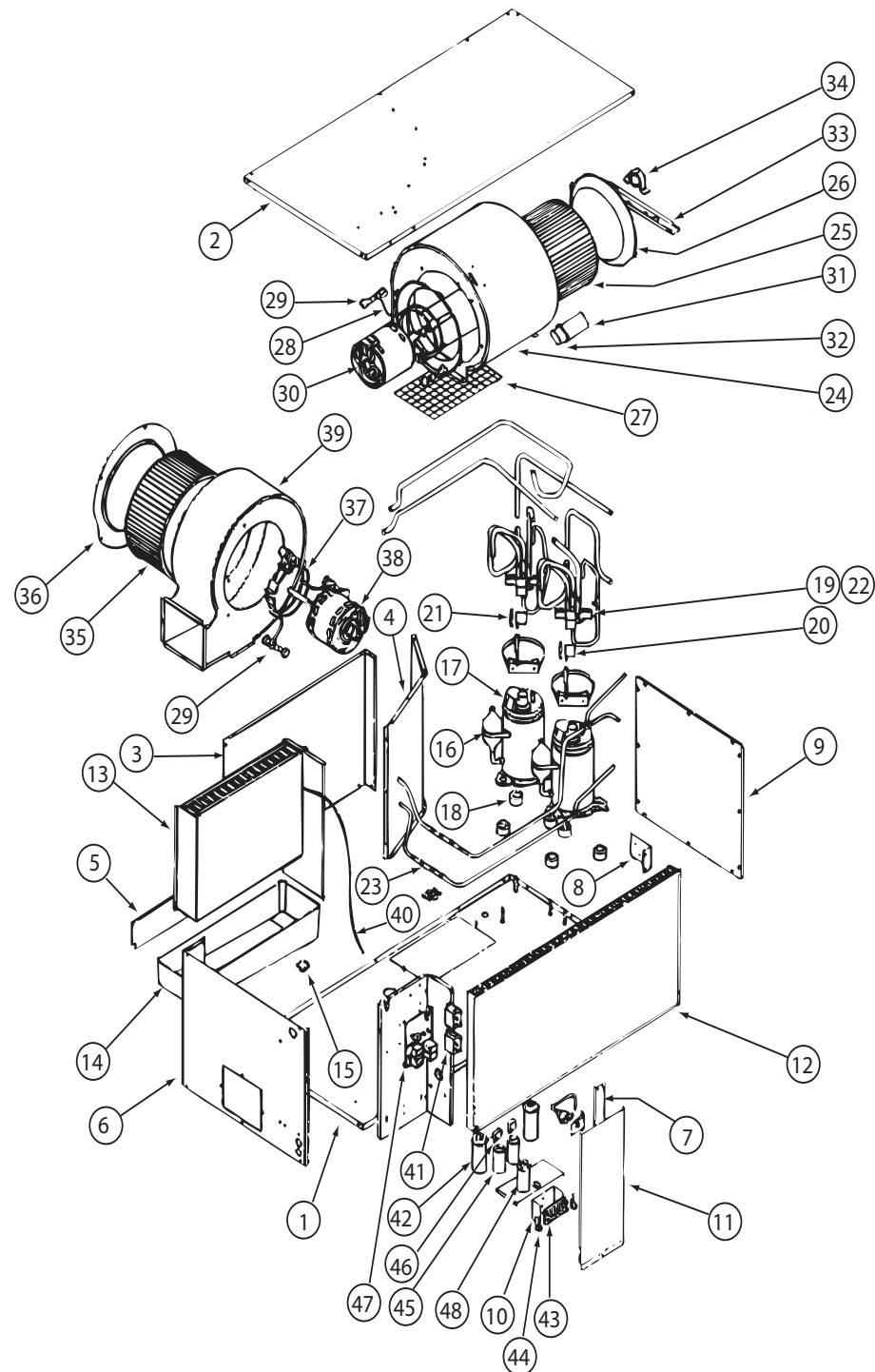
SECTION BC-BC
PART OF M09204-01-000



SECTION BE-BE
PART OF P38842-01-000



J35Z
J38N
156783-07



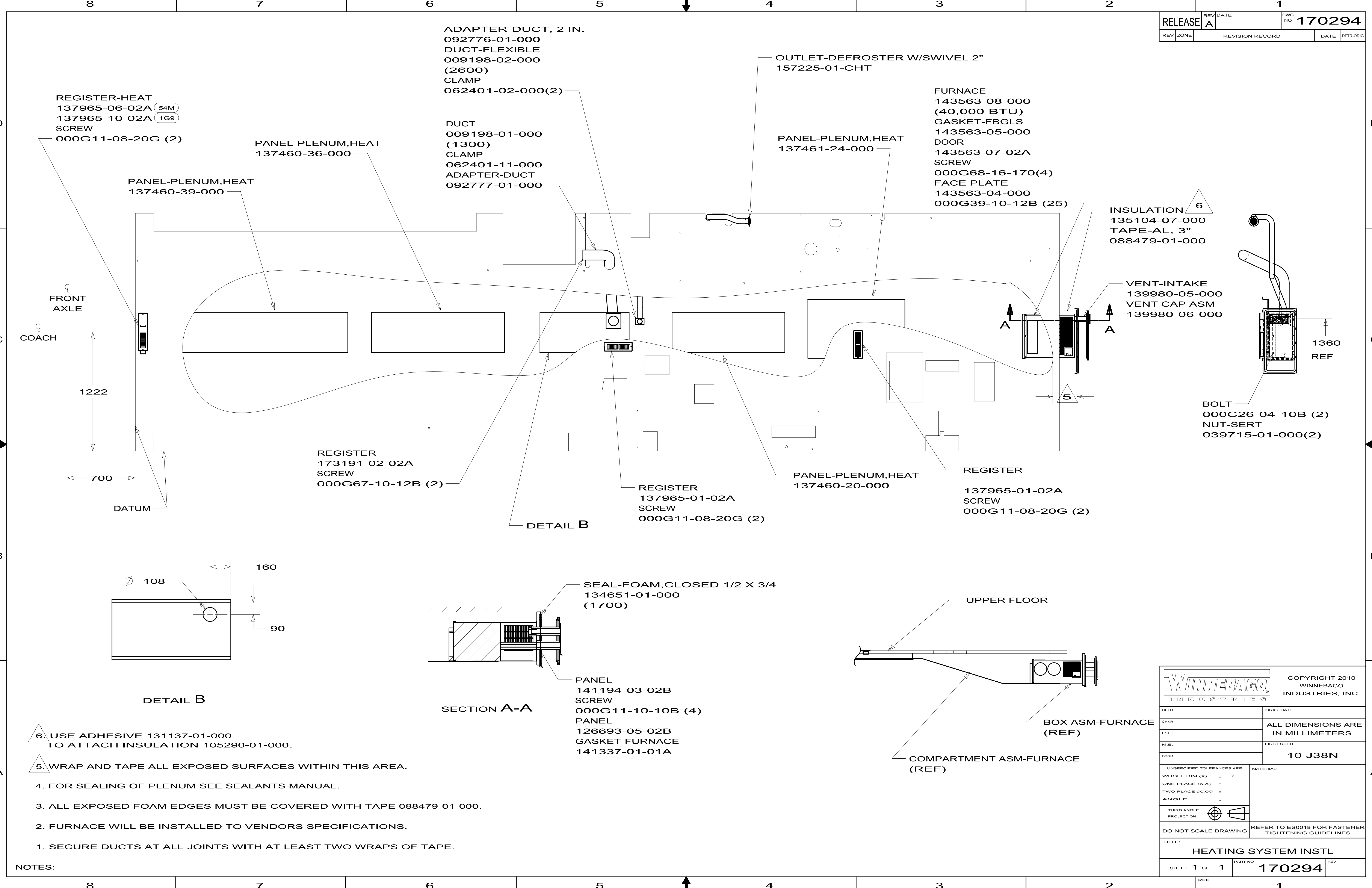
105620-12-000

105620-12-000 (CONTINUED)

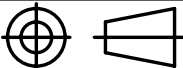
KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
10	105620-01-733	EA	ISOLATOR-HIGH VOLTAGE	6795-117
11	105620-10-716	EA	DOOR - ELECTRIC BOX	6535B346
12	105620-12-701	EA	COIL - CONDENSER	1452A1621
13	105620-12-702	EA	COIL - EVAPORATOR	1452A1611
15	105620-12-703	EA	VALVE - DRAIN	6795-200
16	105620-12-704	EA	COMPRESSOR	1450-2149
17	105620-12-705	EA	OVERLOAD	1450-0081
18	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
19	105620-12-706	EA	REVERSING VALVE ASSEMBLY #1	6535A533
	105620-12-707	EA	REVERSING VALVE ASSEMBLY #2	6535-5321
20	105620-12-708	EA	COIL - SOLENOID	1460-1081
21	105620-12-709	EA	WIRE HARNESS-REVERSING VALVE	6536-111
22	105620-12-710	EA	VALVE - REVERSE ONLY	1454A350
23	105620-12-711	EA	RESTRICTOR - BY FLOW	1454-2521
24	105620-10-718	EA	BLOWER HOUSING/OUTSIDE AIR	6536-515
25	105620-01-713	EA	WHEEL-BLOWER/OUTSIDE AIR	1472-1011
26	105620-01-714	EA	VENTURI-BLOWER/OUTSIDE AIR	6795A150
28	105620-01-715	EA	MOUNT-BLOWER/OUTSIDE AIR	6795A3011
29	105620-01-716	EA	SLEEVE & GROMMET, 4 PER PKKG.	6795A3031
30	105620-10-721	EA	MOTOR/BLOWER-8 3/4" SHAFT	1468A3029
31	105620-01-718	EA	CAPACITOR-FAN (OUTDOOR MOTOR))	1499-5631
32	105620-10-715	EA	RUBBER CAPACITOR BOOT	1499-951
33	105620-10-700	EA	BEARING BRACKET/OUTSIDE AIR	6536-514
34	105620-10-701	EA	BEARING/PILLOW BLOCK-O/S AIR	6536-3011
35	105620-11-701	EA	BLOWER WHEEL/INSIDE AIR	1472-1151
36	105620-12-715	EA	BLOWER VENTURI/INSIDE AIR	6535A287
37	105620-01-723	EA	MOUNT-BLOWER MOTOR - I/S AIR	6795-302
38	105620-12-716	EA	BLOWER MTR/IN AIR/REVERSIBLE	1468-3219
40	105620-12-719	EA	COIL SENSOR	7330A3231
41	105620-01-729	EA	RELAY-COMPRESSOR -4 TERMINAL	1460-1131
42	126859-01-703	EA	CAPACITOR - RUN	1499-5671
43	105620-01-738	EA	BOARD-TERMINAL, HIGH VOLTAGE	6795-315
46	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
47	105620-12-720	EA	KIT-CIRCUIT BD (6535-SERIES)	6535-3209
47	105620-12-721	EA	CIRCUIT BD (6535 A SERIES)	6535A3201
48	093763-01-704	EA	CAPACITOR-FAN (INDOOR MOTOR)	1499-5461
	105620-10-720	EA	FUSE/BUSS(8AMP/250V) 2 PKG	6535-3081
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	

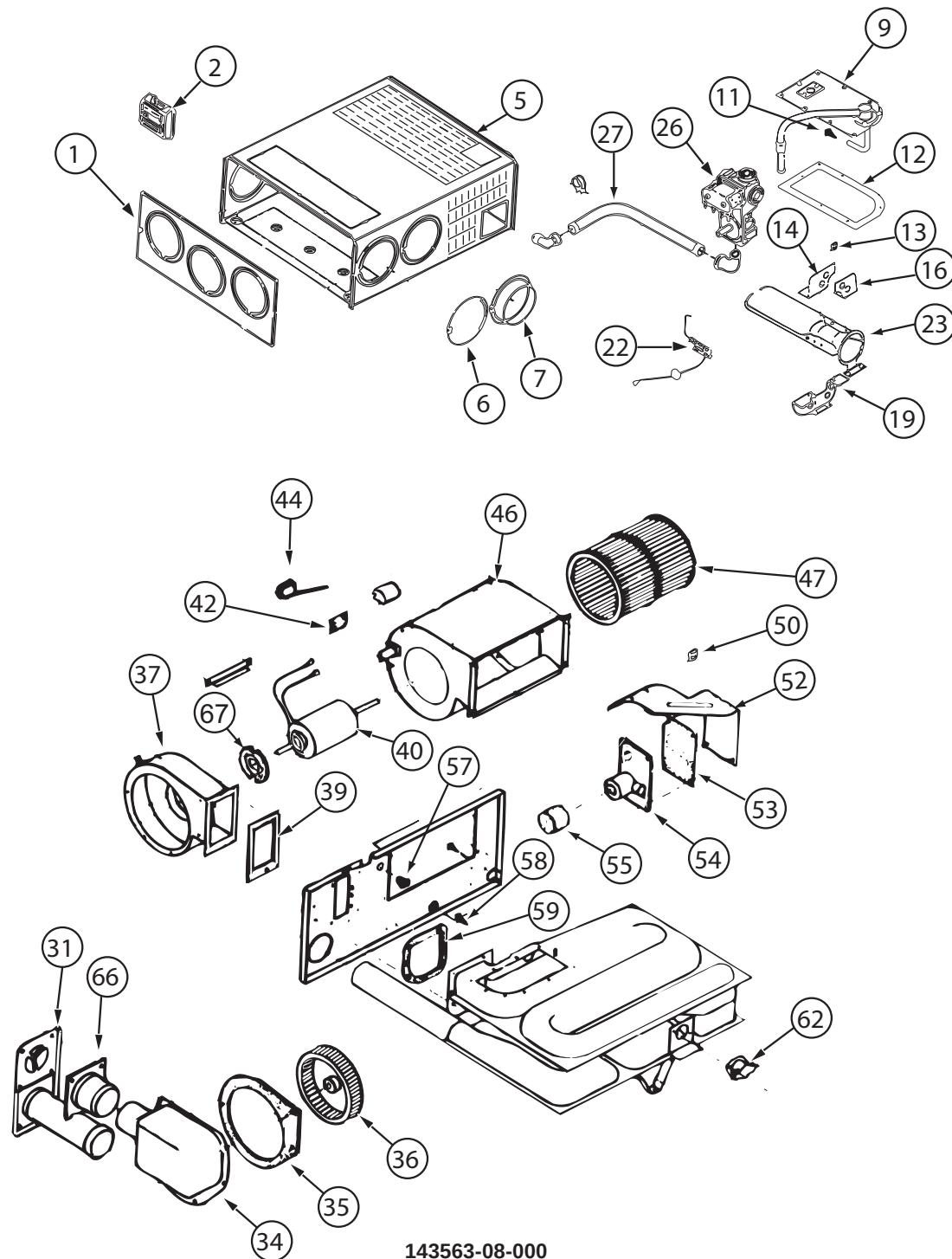
105620-15-000

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
	105620-15-700	EA	FUSE/BUSS (2AMP/250V) 3 PER PK	8330-3343



- NOTES:
1. SECURE DUCTS AT ALL JOINTS WITH AT LEAST TWO WRAPS OF TAPE.
 2. FURNACE WILL BE INSTALLED TO VENDORS SPECIFICATIONS.
 3. ALL EXPOSED FOAM EDGES MUST BE COVERED WITH TAPE 088479-01-000.
 4. FOR SEALING OF PLENUM SEE SEALANTS MANUAL.
 5. WRAP AND TAPE ALL EXPOSED SURFACES WITHIN THIS AREA.
 6. USE ADHESIVE 131137-01-000 TO ATTACH INSULATION 105290-01-000.

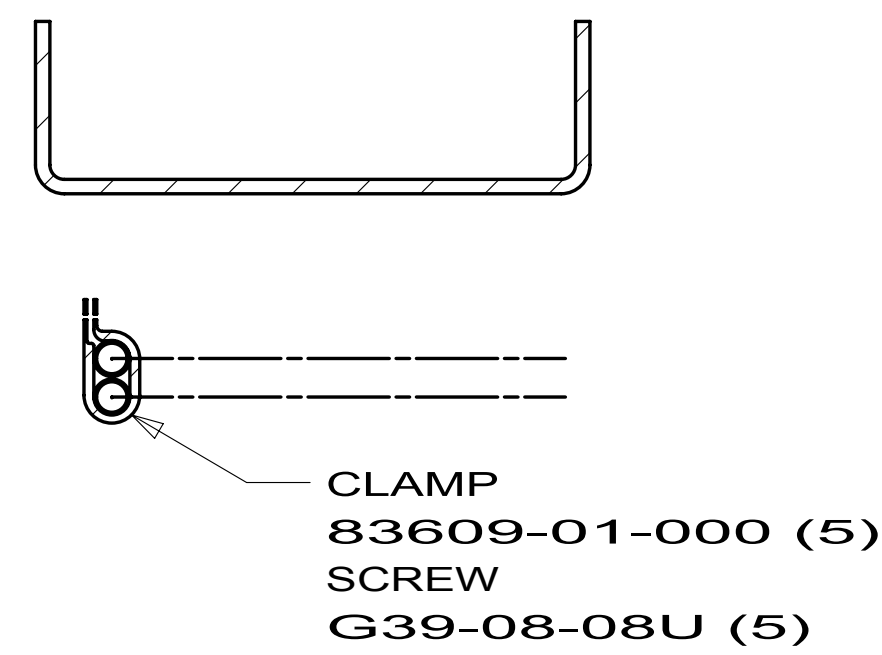
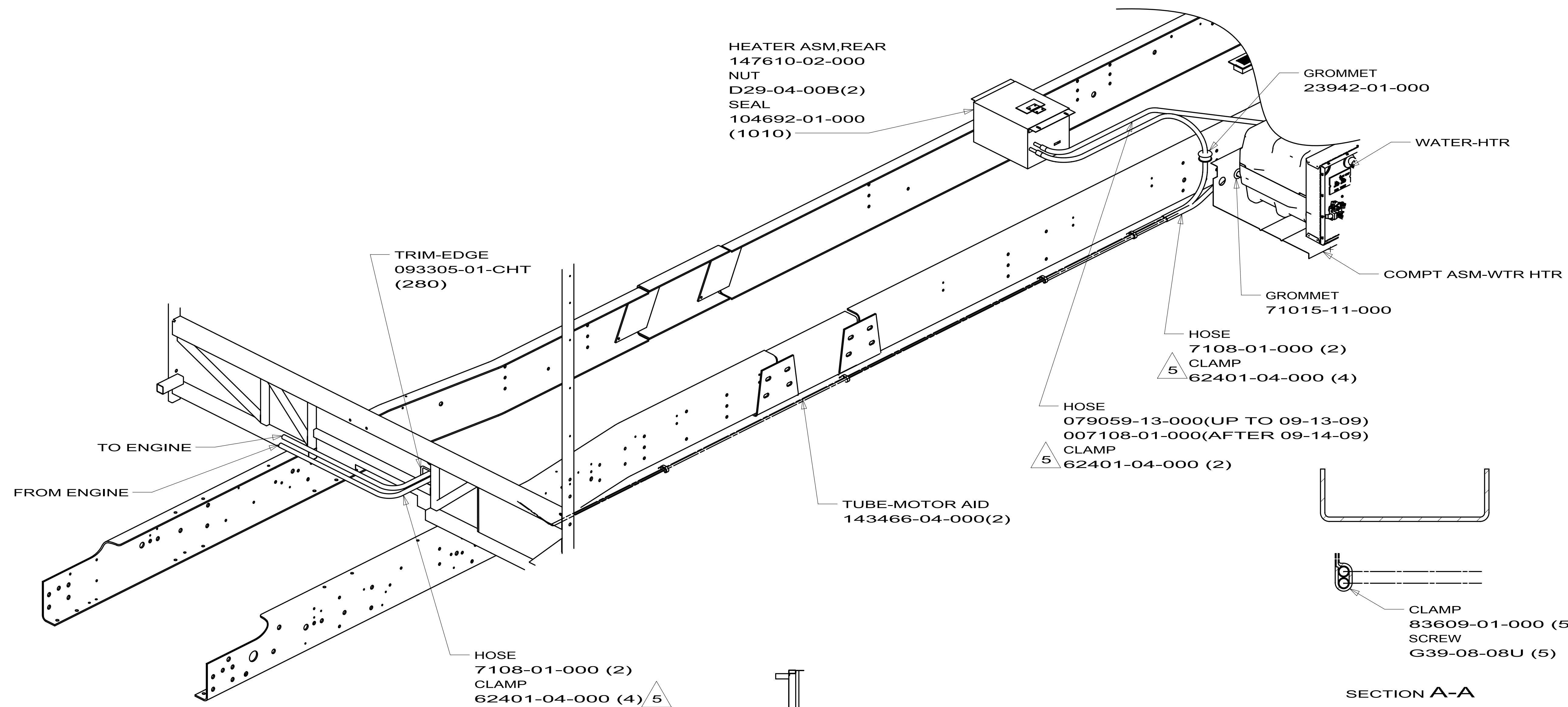
WINNEBAGO® INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DISTR		ORIG. DATE	
CHKR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.			
DSNR		FIRST USED	
		10 J38N	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) ± 7			
ONE-PLACE (X.X) ±			
TWO-PLACE (X.XX) ±			
ANGLE ±			
THIRD ANGLE PROJECTION		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
			
DO NOT SCALE DRAWING			
TITLE:		HEATING SYSTEM INSTL	
SHEET 1 OF 1		PART NO	REV
		170294	



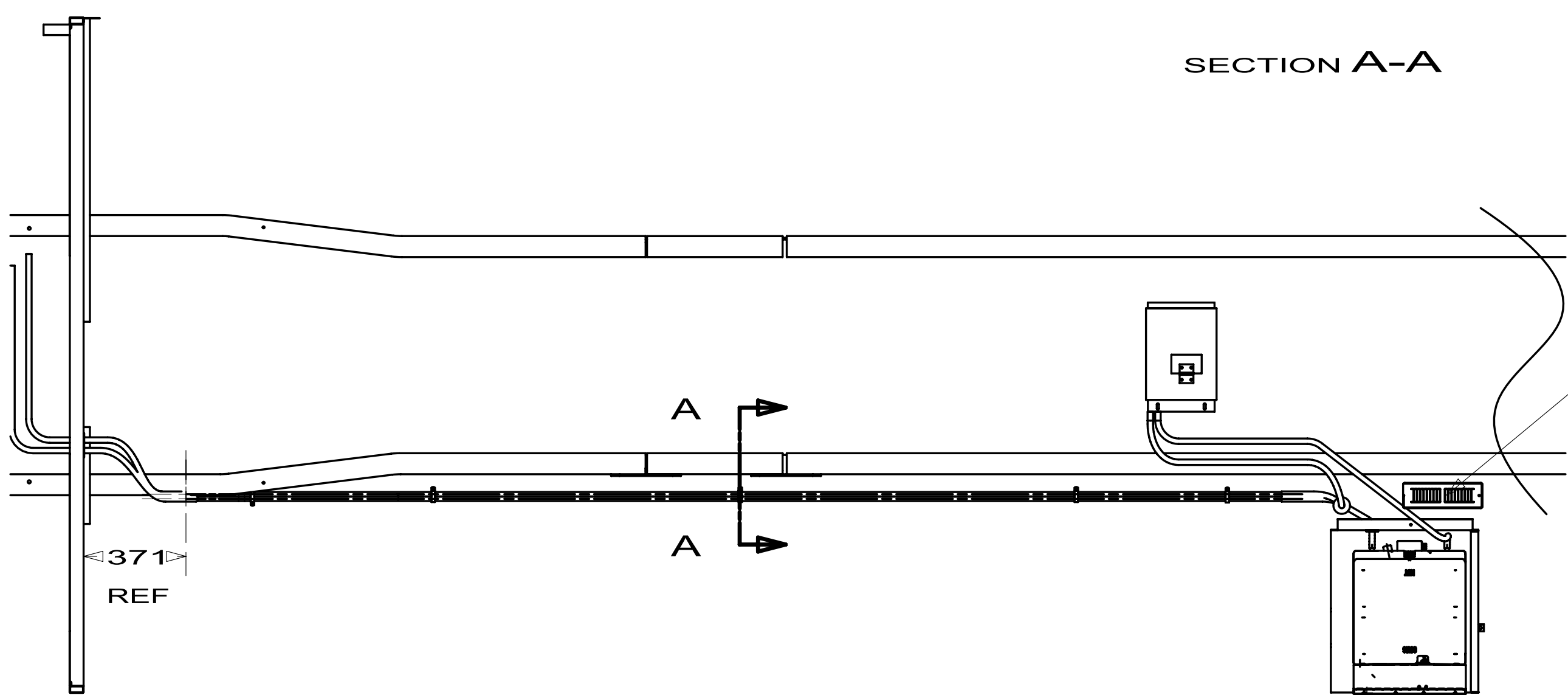
143563-08-000

143563-08-000 (CONTINUED)

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
1	143563-01-700	EA	CABINET - FRONT	101907
5	143563-08-700	EA	CABINET	102102
7	075696-02-703	EA	COLLAR - DUCT	050715
9	143563-08-701	EA	MANIFOLD ASSEMBLY	171638
11	143563-02-701	EA	ORFICE - MAIN BURNER	180309
12	098668-22-703	EA	GASKET - BURNER ACCESS COVER	070811
14	143563-02-702	EA	PLATE - SECONDARY AIR/TOP BACK	063198
16	143563-02-703	EA	PLATE - SECONDARY AIR/TOP FRT	062933
19	143563-02-704	EA	PLATE - SECONDARY AIR/BOTTOM	062935
22	139980-01-701	EA	ELECTRODE	232286
23	098668-11-701	EA	BURNER ASSEMBLY, SF-42F	010799
26	143563-08-702	EA	VALVE-GAS	161192
27	143563-08-703	EA	PIPE ASSEMBLY (GAS INLET)	171655
31	098668-01-707	EA	TUBE ASSEMBLY, EXHAUST W/CAP	260231
32	098668-01-713	EA	TUBE ASSEMBLY, INTAKE	051248
34	139980-01-703	EA	HOUSING/COMB. - FRONT/HALF	390852
37	139980-01-704	EA	HOUSING/COMB. - REAR/HALF	390848
38	098668-22-702	EA	WHEEL-COMBUSTION AIR	350183
39	139980-01-705	EA	GASKET/FIREWALL-COMB AIR	071084
40	143563-08-704	EA	MOTOR ASSEMBLY W/GASKET	232850
42	143563-08-705	EA	BLOWER ASM(ROOM AIR)FRONT1/2	390873
44	143563-08-706	EA	BLOWER ASM(ROOM AIR)REAR 1/2	390921
45	143563-08-707	EA	SWITCH-SAIL	232868
48	139980-01-710	EA	SWITCH - ON/OFF	232351
49	139980-01-712	EA	INSULATOR - MODULE BD	070807
50	098668-22-705	EA	MODULE BD W/RELAY TIME DELAY	520820
51	139980-01-713	EA	CAP/INSULATOR-MODULE BD	070973
52	098668-01-711	EA	WHEEL-BLOWER, ROOM AIR	350129
54	139980-01-714	EA	BUSHING - UNIVERSAL	070362
56	143563-08-708	EA	BUSHING - STRAIN RELIEF	230216
57	098668-01-716	EA	GASKET-FIREWALL,CHAMBER SIDE	070808
58	143563-02-707	EA	CHAMBER ASM. - FINAL	021172BK
59	098668-22-706	EA	SWITCH/LIMIT-195 TRIP TEMP	232505
65	143563-05-709	EA	PANEL ASSEMBLY-MODULE BD	102078
67	143563-08-710	EA	MODULE BOARD - DUAL CONTROL	232806
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	



SECTION A-A



5. TORQUE TO 20.0 ±3 IN/LBS
4. WHERE THE MOTORAID TUBE COMES IN CONTACT WITH ANY CHASSIS COMPONENT OTHER THAN THE RAILS. IT SHALL BE PROTECTED BY CONVULATED CONDUIT 41953-02-000.
3. SEE HEATER AND A/C INSTALLATION 132028-01-000 FOR HOOK-UP OF MOTOR AID HOSES AND ANTI-FREEZE/COOLANT.
2. SLIP JOINTS TO HAVE AN OVERLAP OF 25 MINIMUM.
1. EXTERIOR OPENINGS AROUND PIPE TO BE SEALED WITH 69640-02-000.

WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DSNR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHRR		FIRST USED	
P.E.		09 J38N	
M.E.		MATERIAL:	
UNSPECIFIED TOLERANCES ARE:		THIRD ANGLE PROJECTION	
WHOLE DIM (X) : 13		DO NOT SCALE DRAWING	
ONE-PLACE (X.X) :		TITLE: MOTOR AID INSTL	
TWO-PLACE (X.XX) :		SHEET 1 OF 1	
ANGLE :		PART NO 165851	
REF:		REV	

KEY	147610-01-000			VENDOR NO.
	PART NUMBER	U/M	DESCRIPTION	
	129205-01-702	EA	BLOWER ASSEMBLY-W/12V MOTOR	
	147610-01-700	EA	RESISTOR-BLOWER MOTOR	HV218125