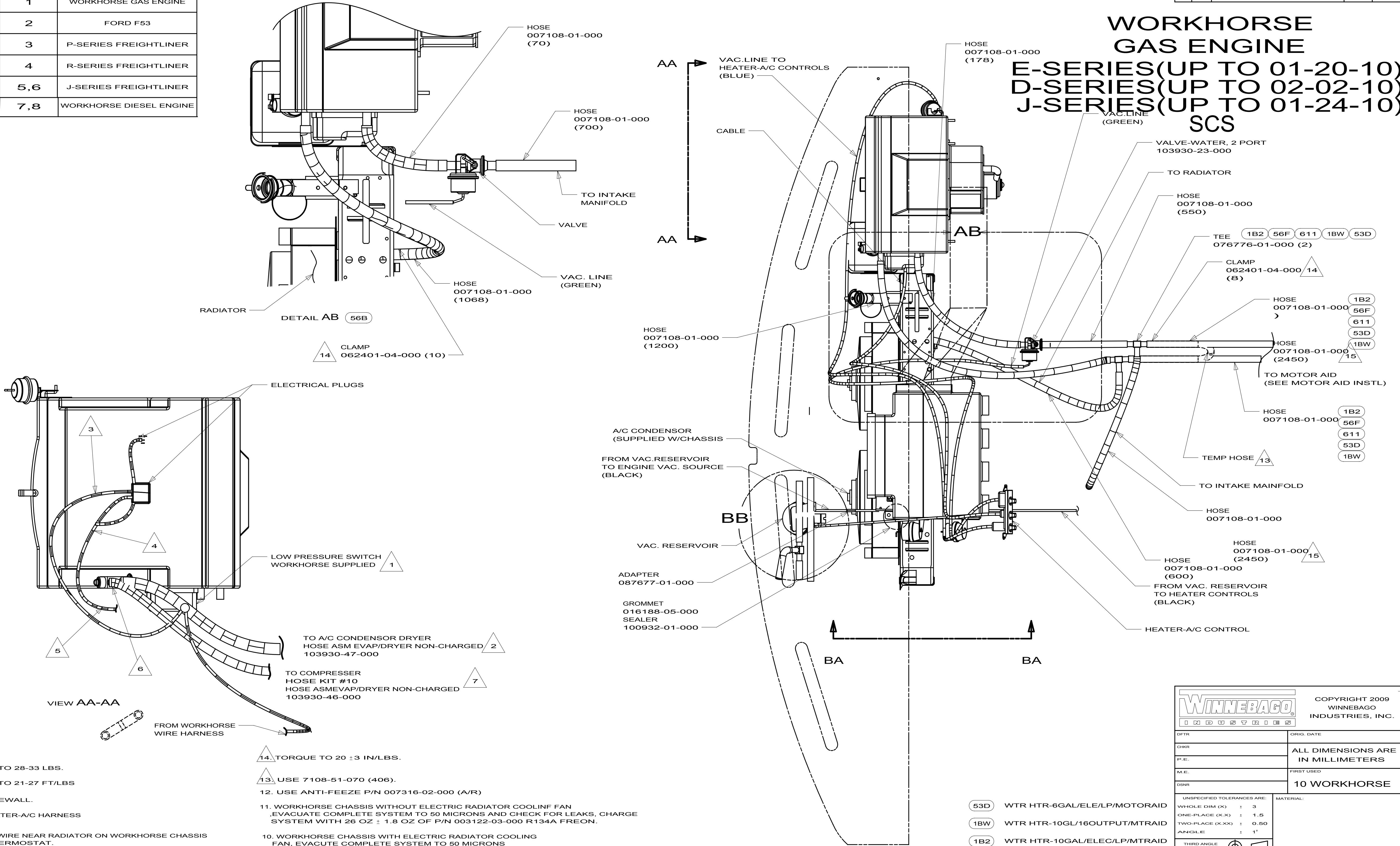


DWG NO	SHEET	CHASSIS
169851-01	1	WORKHORSE GAS ENGINE
169851-02	2	FORD F53
169851-03	3	P-SERIES FREIGHTLINER
169851-04	4	R-SERIES FREIGHTLINER
169851-05	5,6	J-SERIES FREIGHTLINER
169851-06	7,8	WORKHORSE DIESEL ENGINE

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

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



- NOTES:
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.
 2. TORQUE TO 11-13 FT/LBS.
 3. CONNECT WIRE NEAR RADIATOR ON WORKHORSE CHASSIS TO A/C THERMOSTAT.
 4. FROM HEATER-A/C HARNESS
 5. THRU FIREWALL.
 6. TORQUE TO 21-27 FT/LBS
 7. TORQUE TO 28-33 LBS.

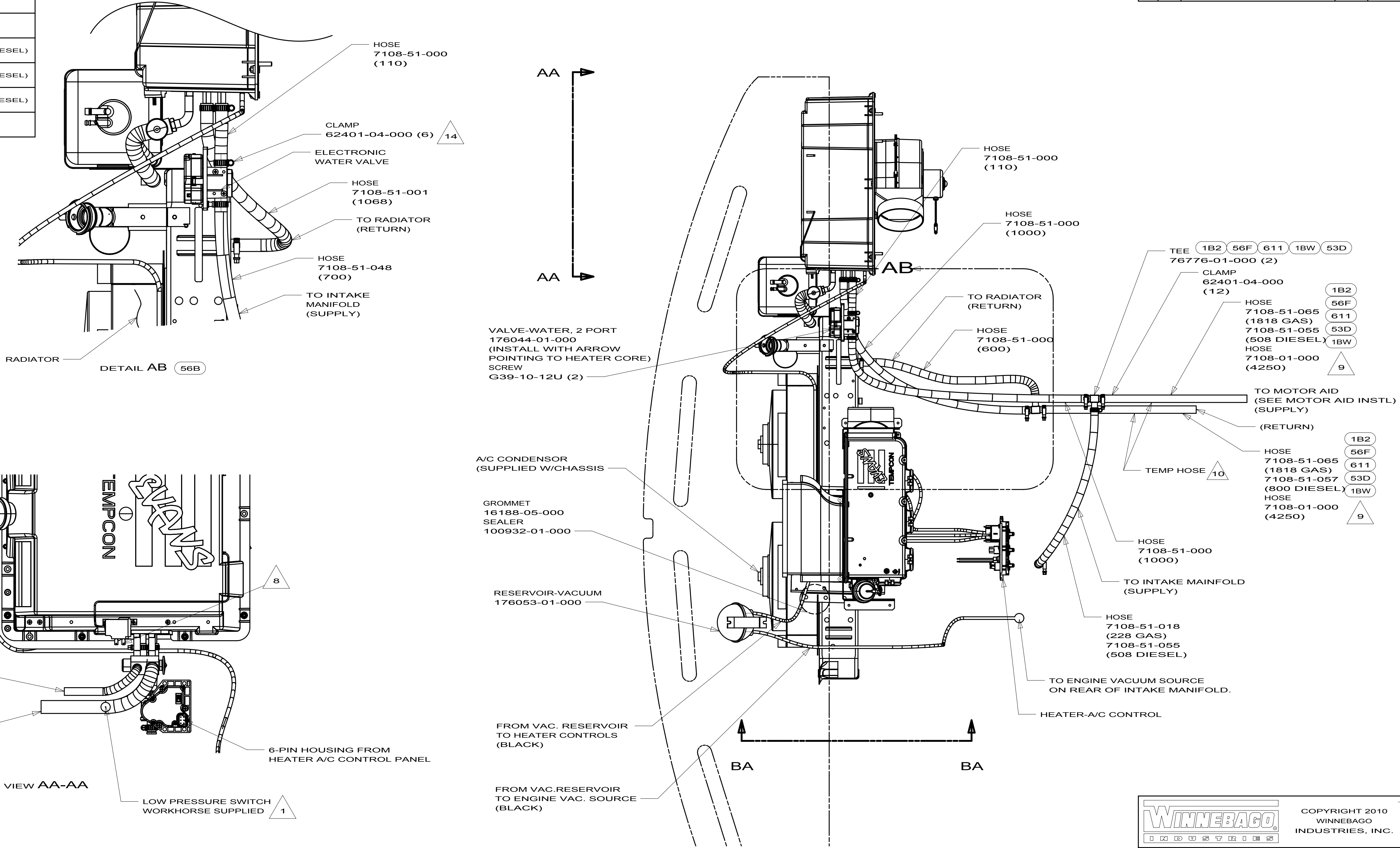
8. LEAVE CAPS ON HOSES UNTIL FINAL CONNECTIONS IS MADE.
9. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.
10. WORKHORSE CHASSIS WITH ELECTRIC RADIATOR COOLING FAN, EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS, CHARGE SYSTEM WITH 32 OZ $\pm$ 1.8 OZ OF P/N 3122-03-000 R134A FREON.
11. WORKHORSE CHASSIS WITHOUT ELECTRIC RADIATOR COOLINF FAN ,EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS, CHARGE SYSTEM WITH 26 OZ $\pm$ 1.8 OZ OF P/N 003122-03-000 R134A FREON.
12. USE ANTI-FEEZE P/N 007316-02-000 (A/R)
13. USE 7108-51-070 (406).
14. TORQUE TO 20 $\pm$ 3 IN/LBS.

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

WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHRR			
P.E.			
M.E.	FIRST USED		
DSNR		10 WORKHORSE	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) $\pm$ 3			
ONE-PLACE (X.X) $\pm$ 1.5			
TWO-PLACE (X.XX) $\pm$ 0.50			
ANGLE $\pm$ 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: HEATER-A/C INSTL,CHASSIS			
SHEET 1A OF 8	REF:	PART NO 169851	REV

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

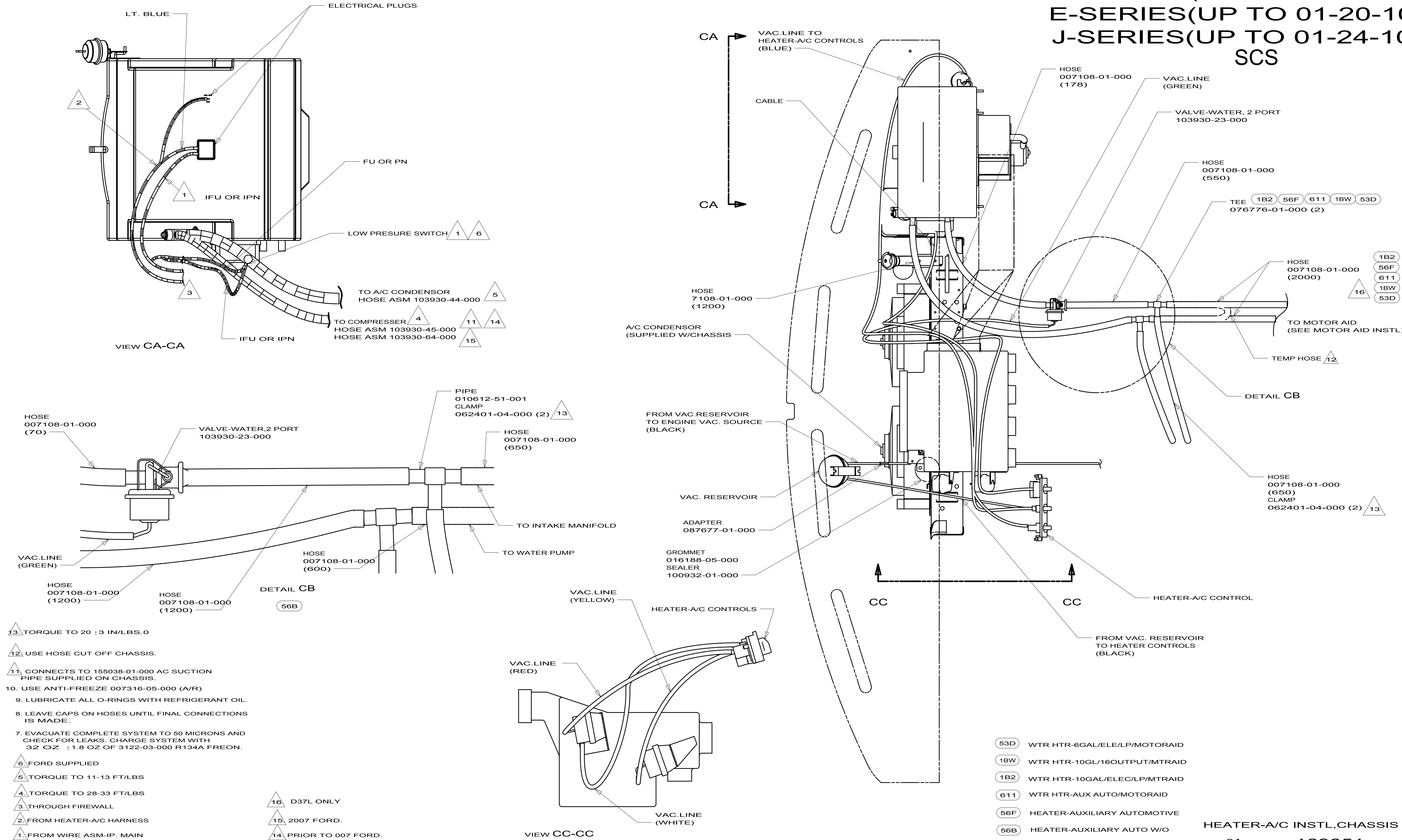
- 53D WTR HTR-6GAL/ELE/LP/MOTOROID
- 1BW WTR HTR-10GL/16OUTPUT/MTRID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRID
- 611 WTR HTR-AUX AUTO/MOTOROID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

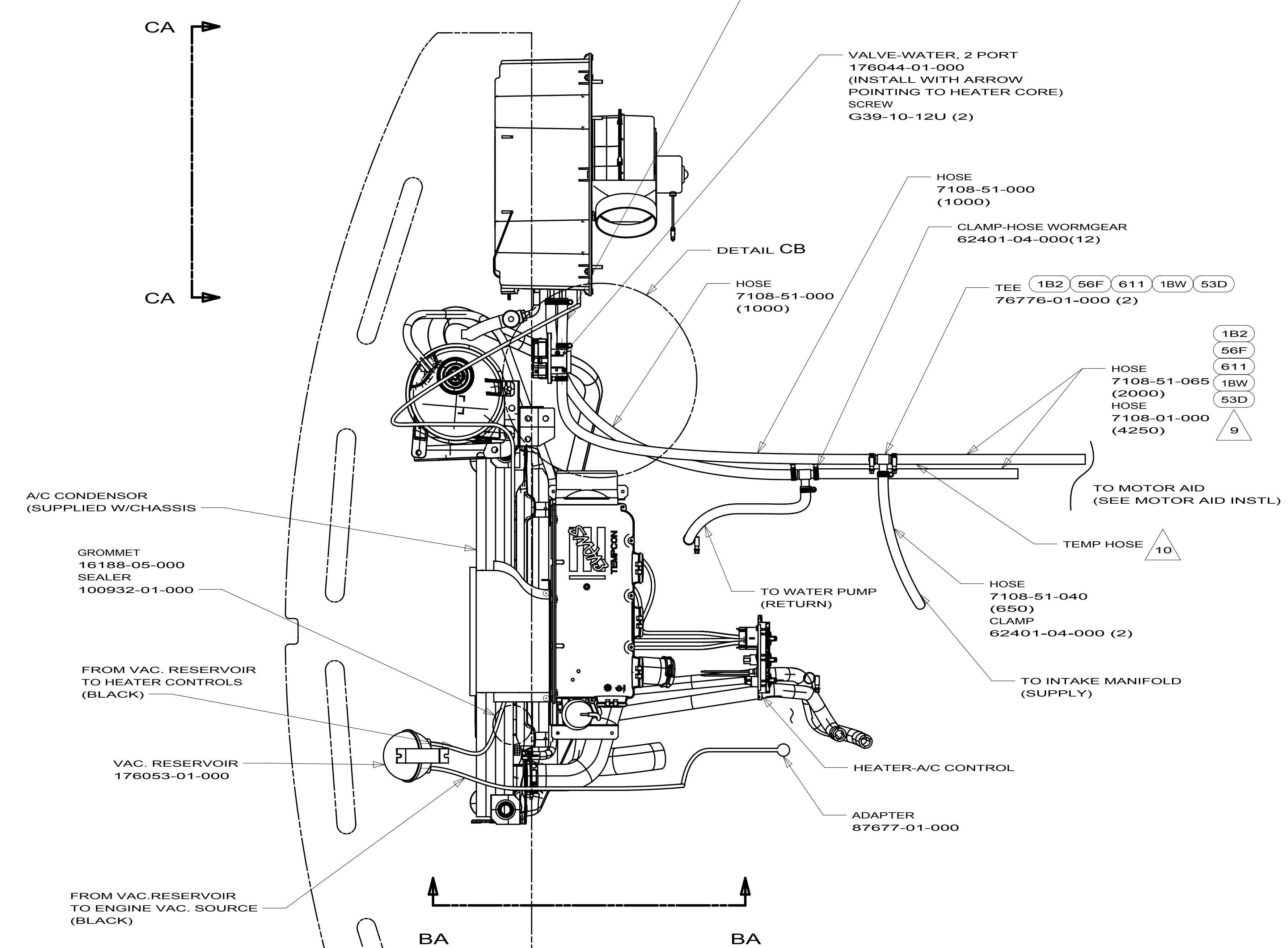
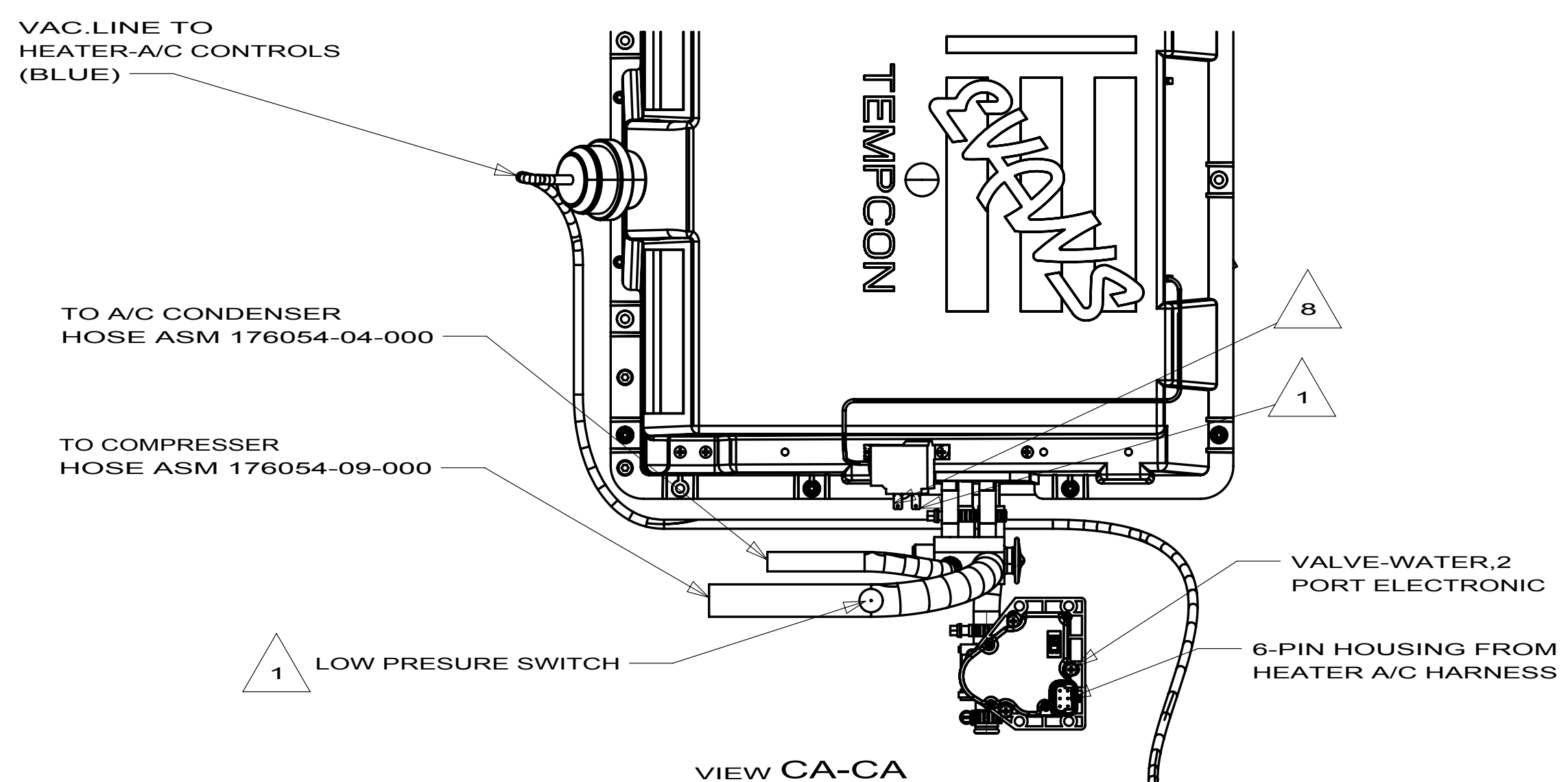
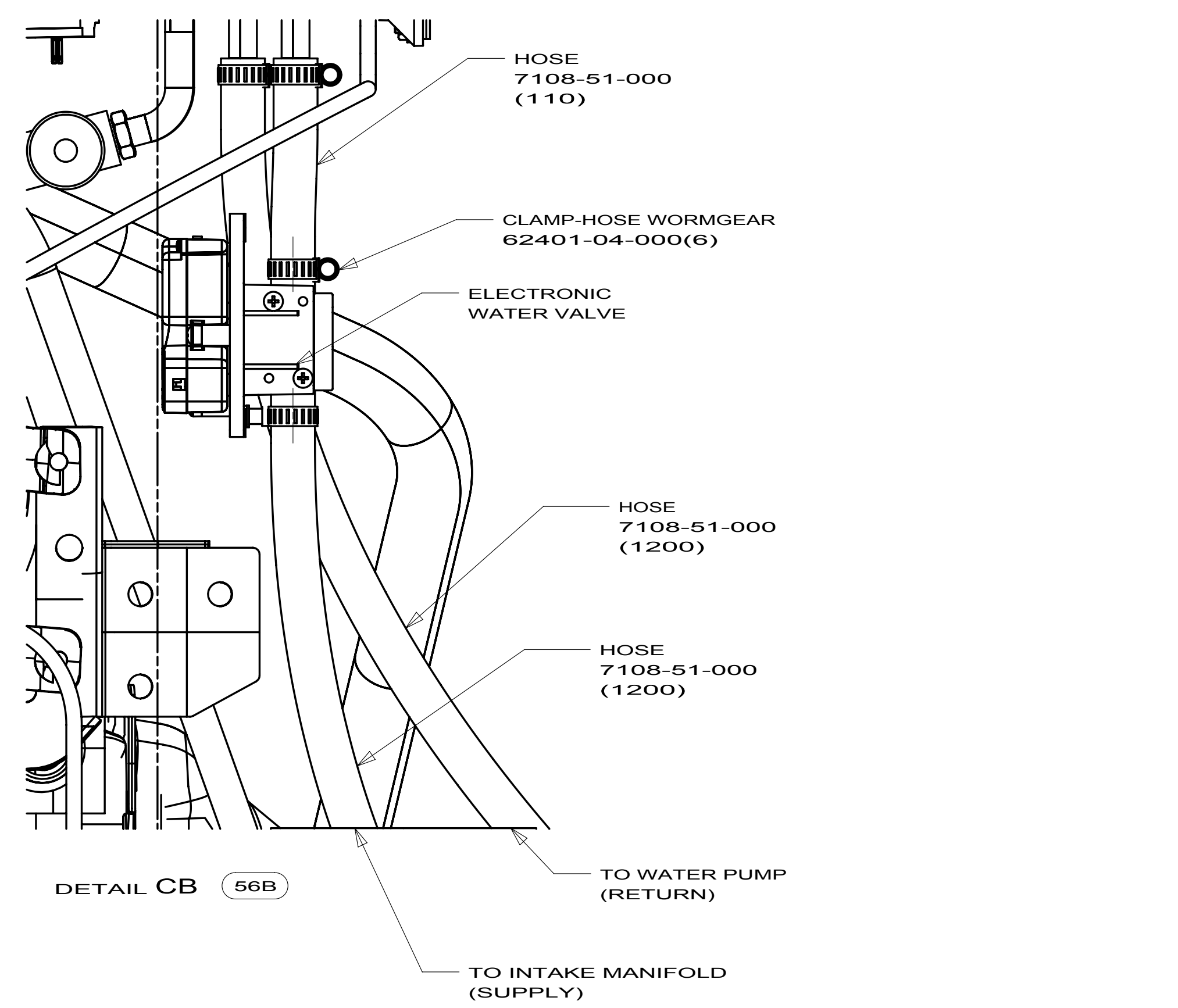
- 10 USE HOSE CUT OFF CHASSIS.
- 9 D37L ONLY.
- 8 BLUE WIRE FROM HEATER-A/C HARNESS.

- 7. WHEN MOTOROID TUBE CONTACTS ANY CHASSIS COMPONENT THE SHALL BE POTECTED 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.

WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHGR			
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:		REV	

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



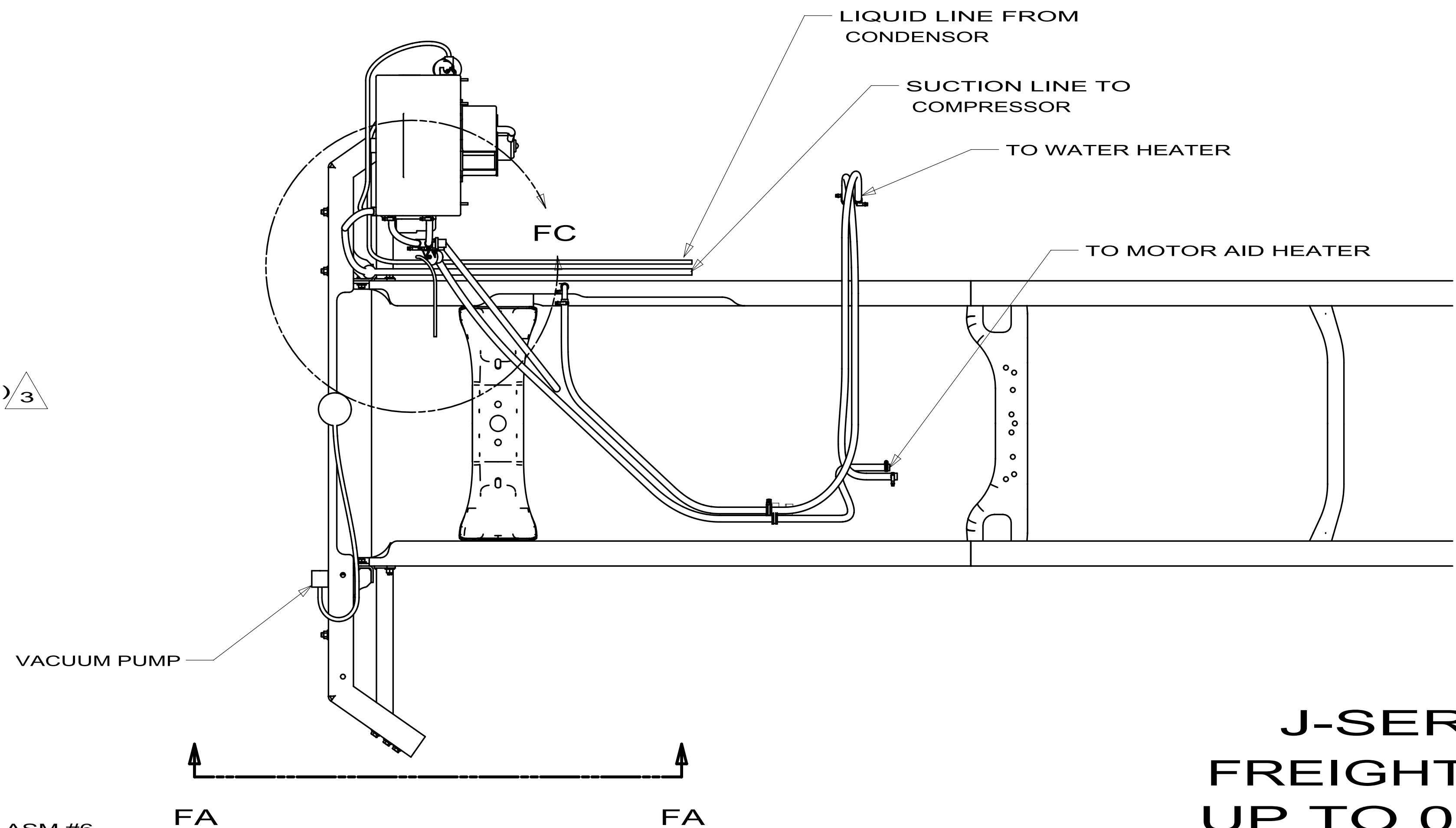
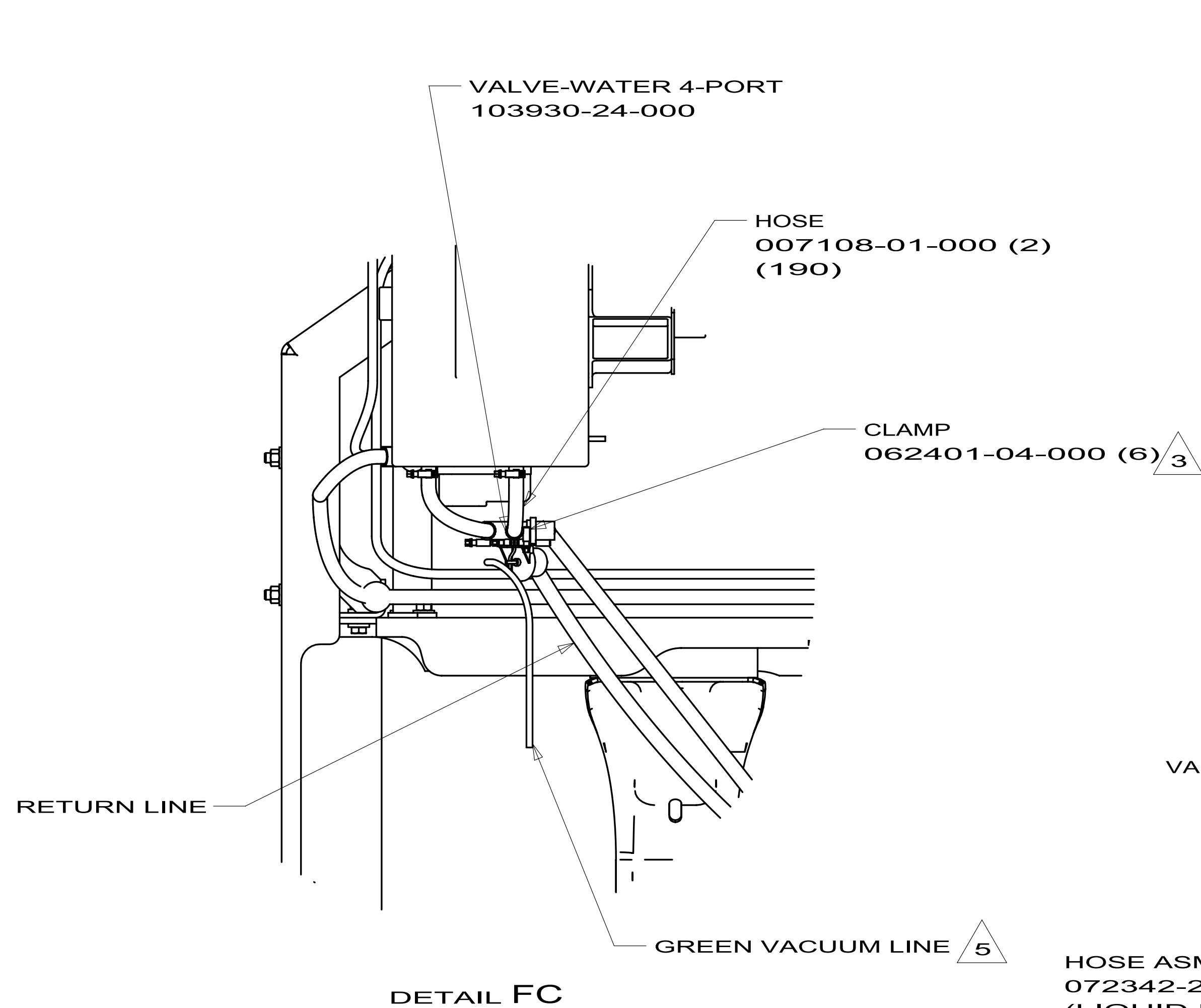


FORD F53 GAS ENGINE E-SERIES(AFTER 01-21-10) D-SERIES(AFTER 02-03-10) J-SERIES(AFTER 01-25-10) EVANS

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.

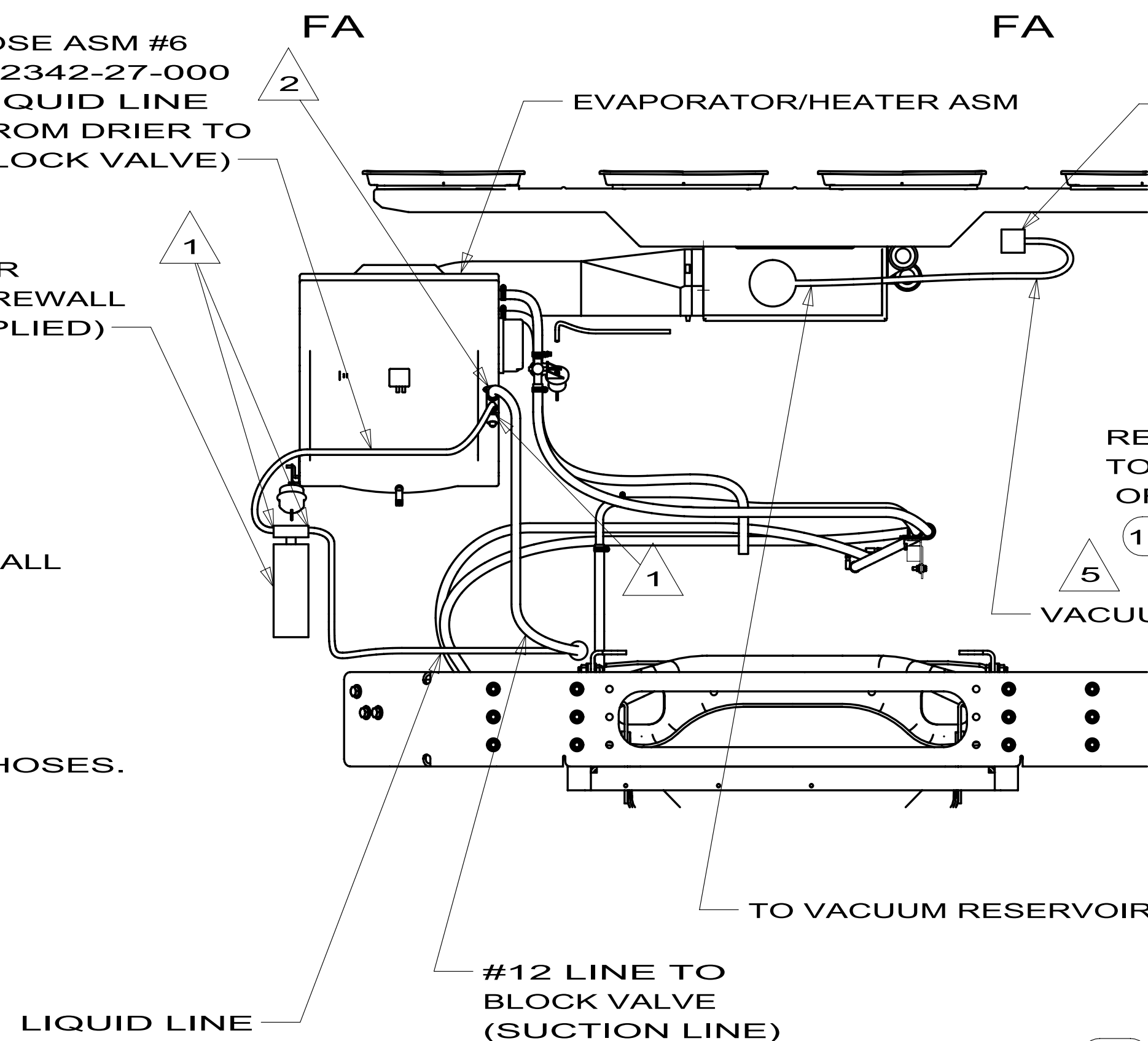
5. SUPPLIED WITH A/C-HEATER.

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

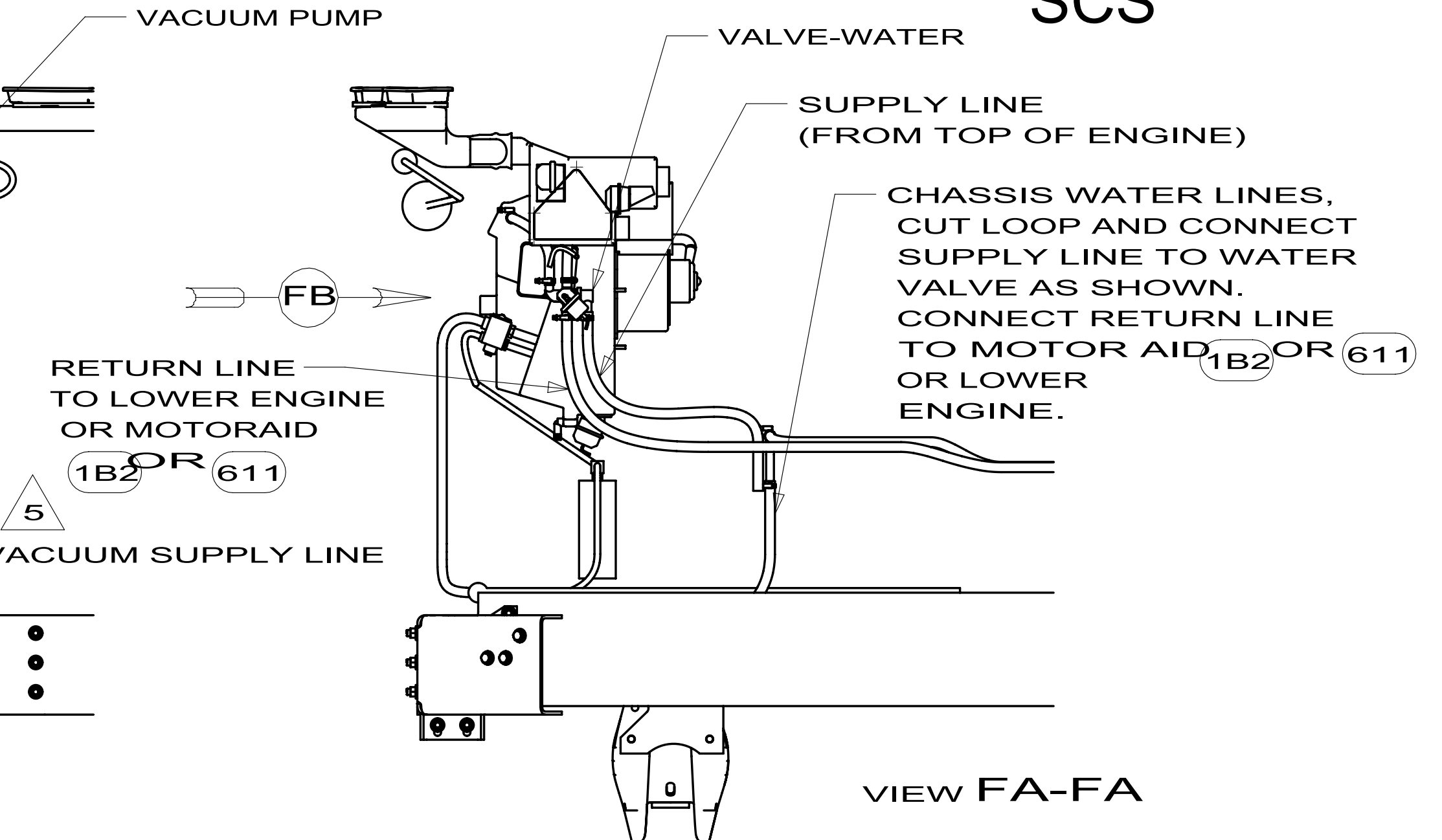
3. TORQUE TO 20.0 $\pm$ 3 IN/LBS.

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/MTR AID

611 WTR HTR-AUX AUTO/MOTOR AID

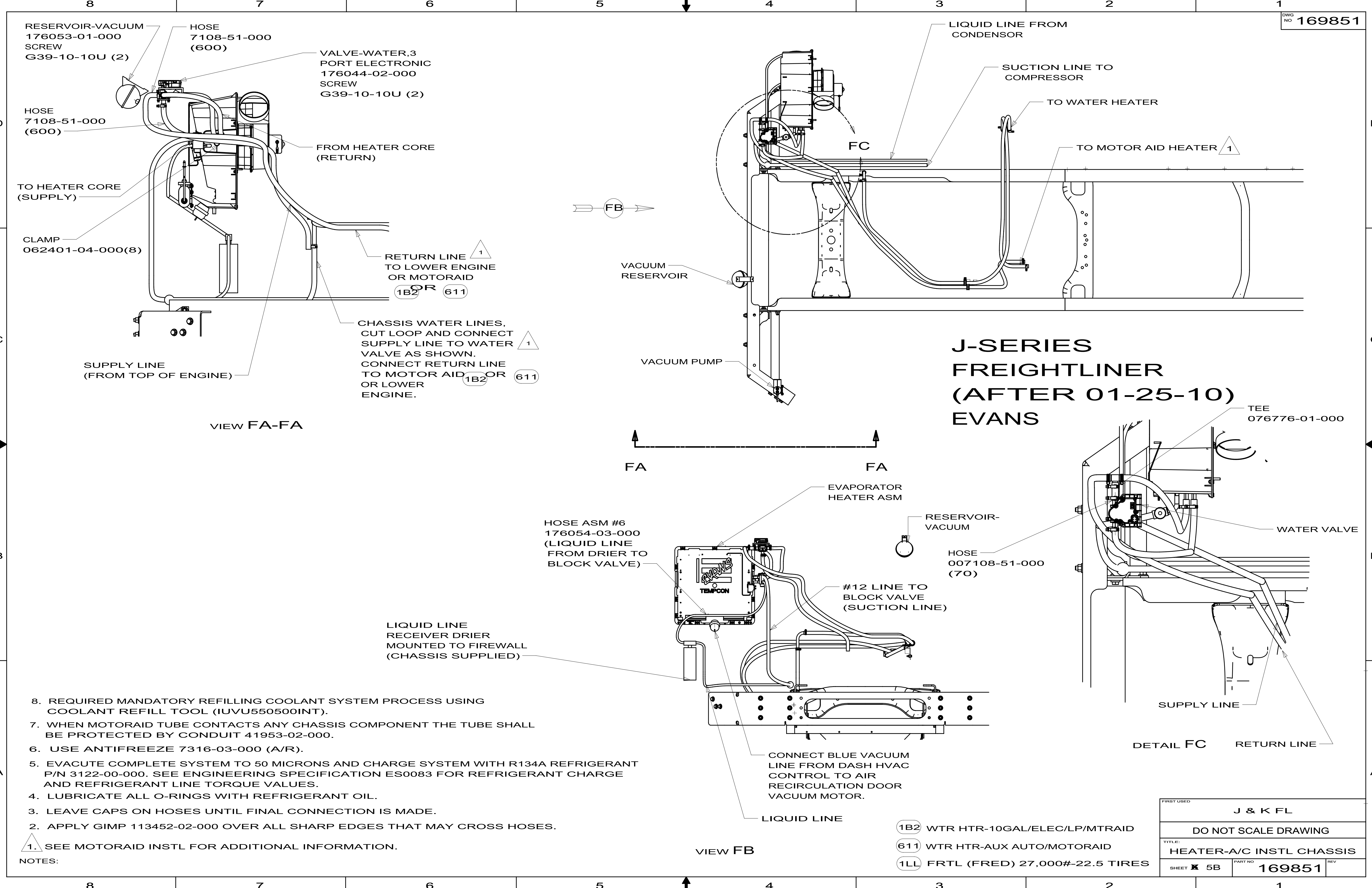
1LL FRTL (FRED) 27,000#-22.5 TIRES

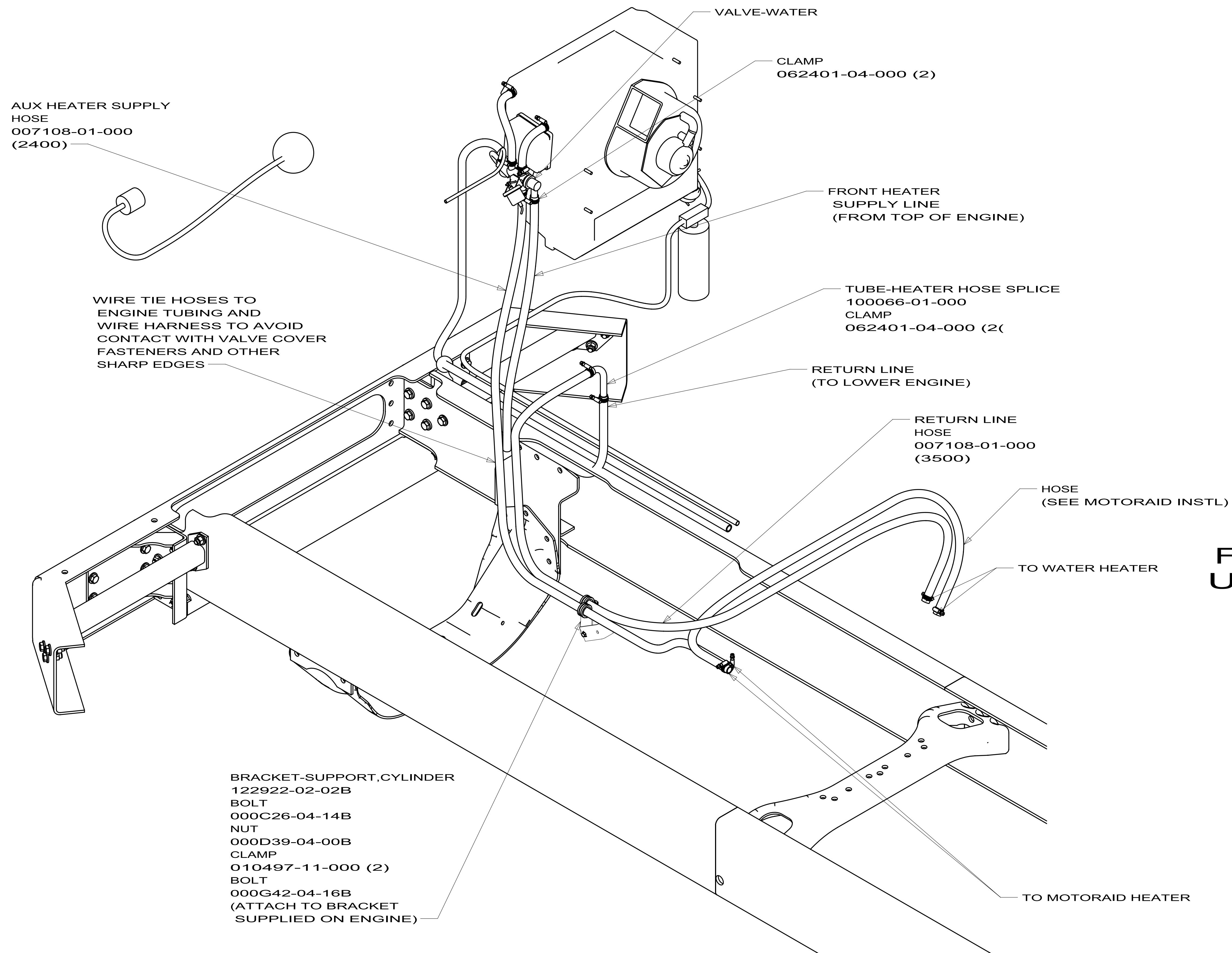
HEATER-A/C INSTL CHASSIS

5A

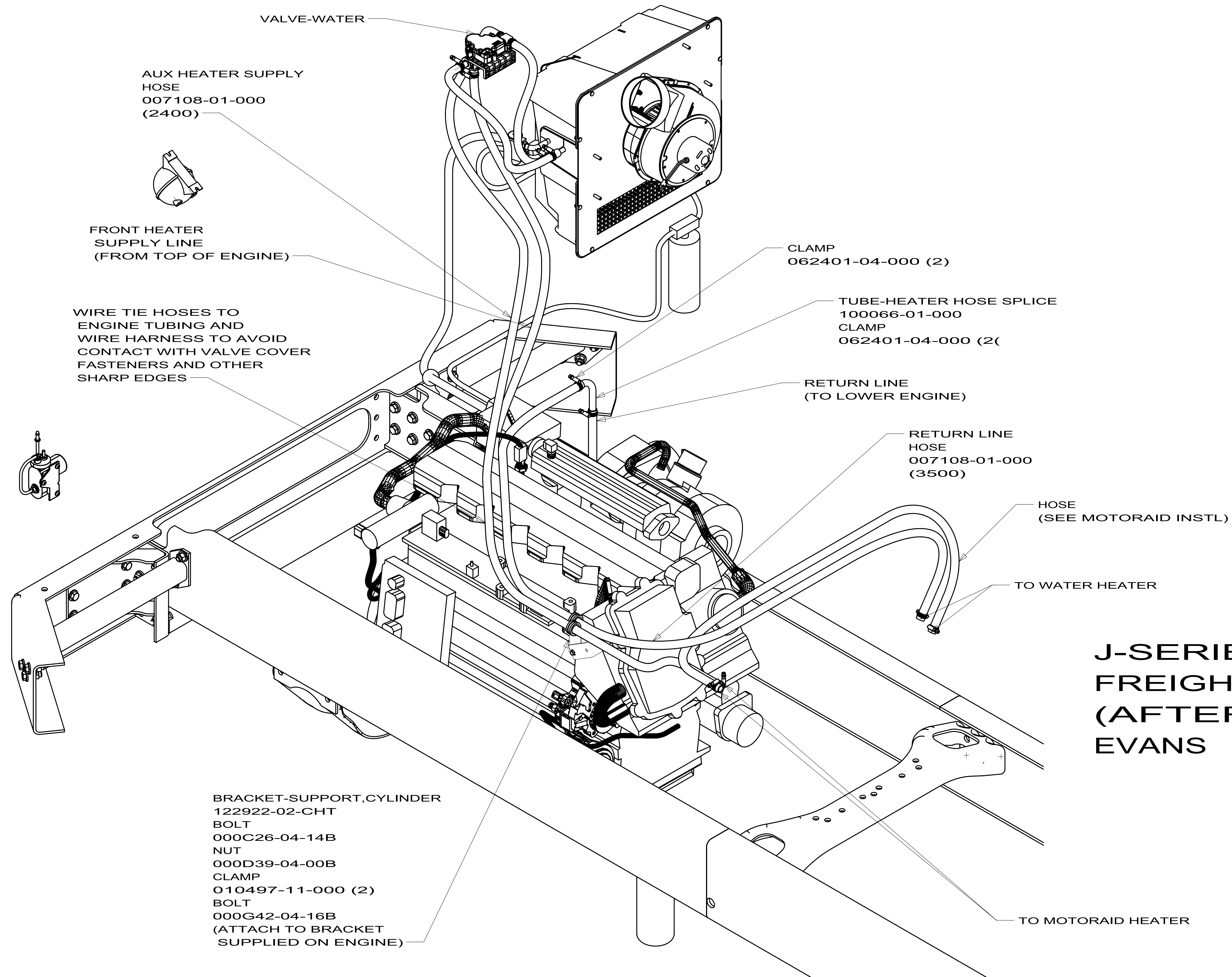
169851

NOTES:

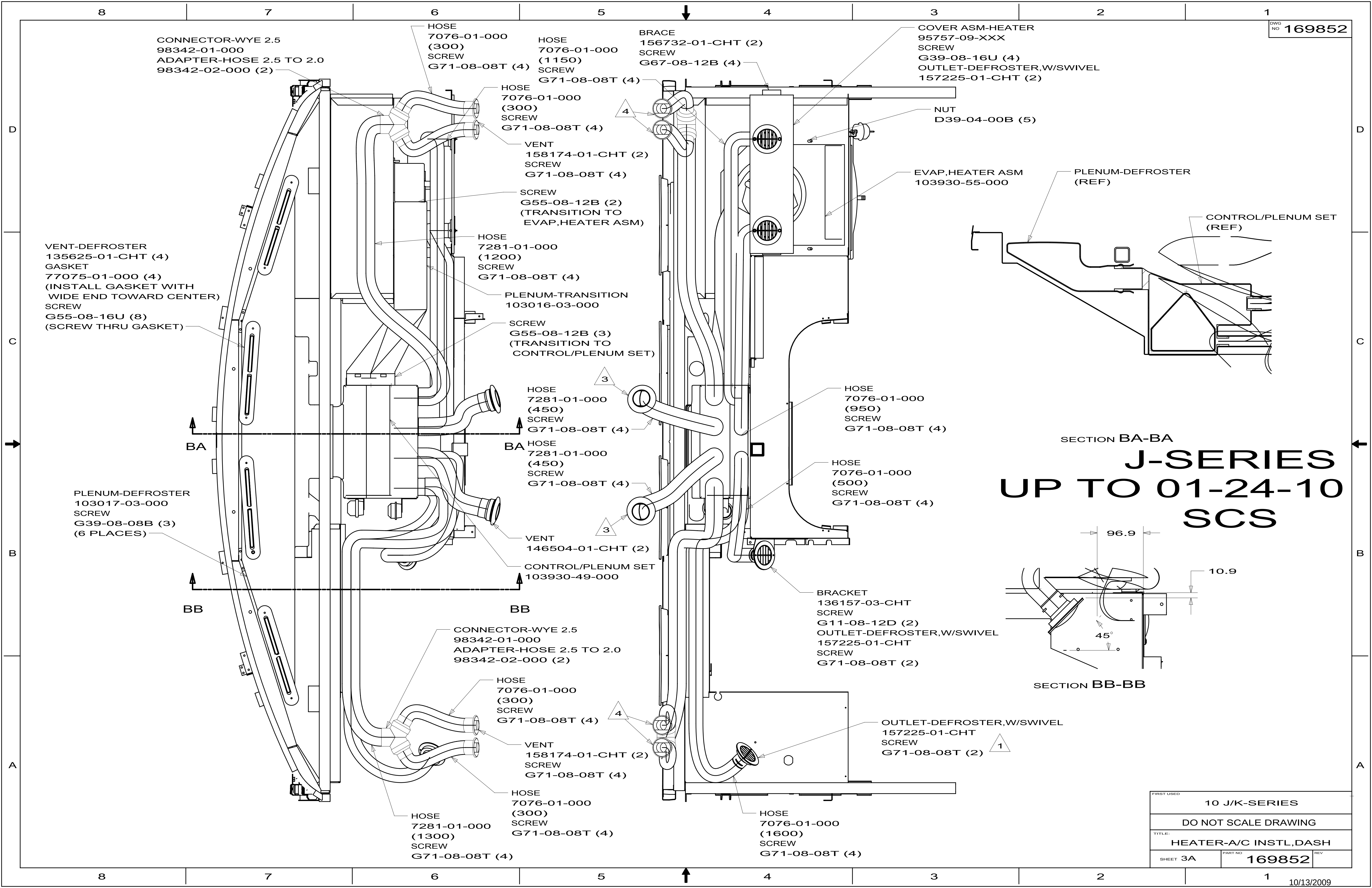




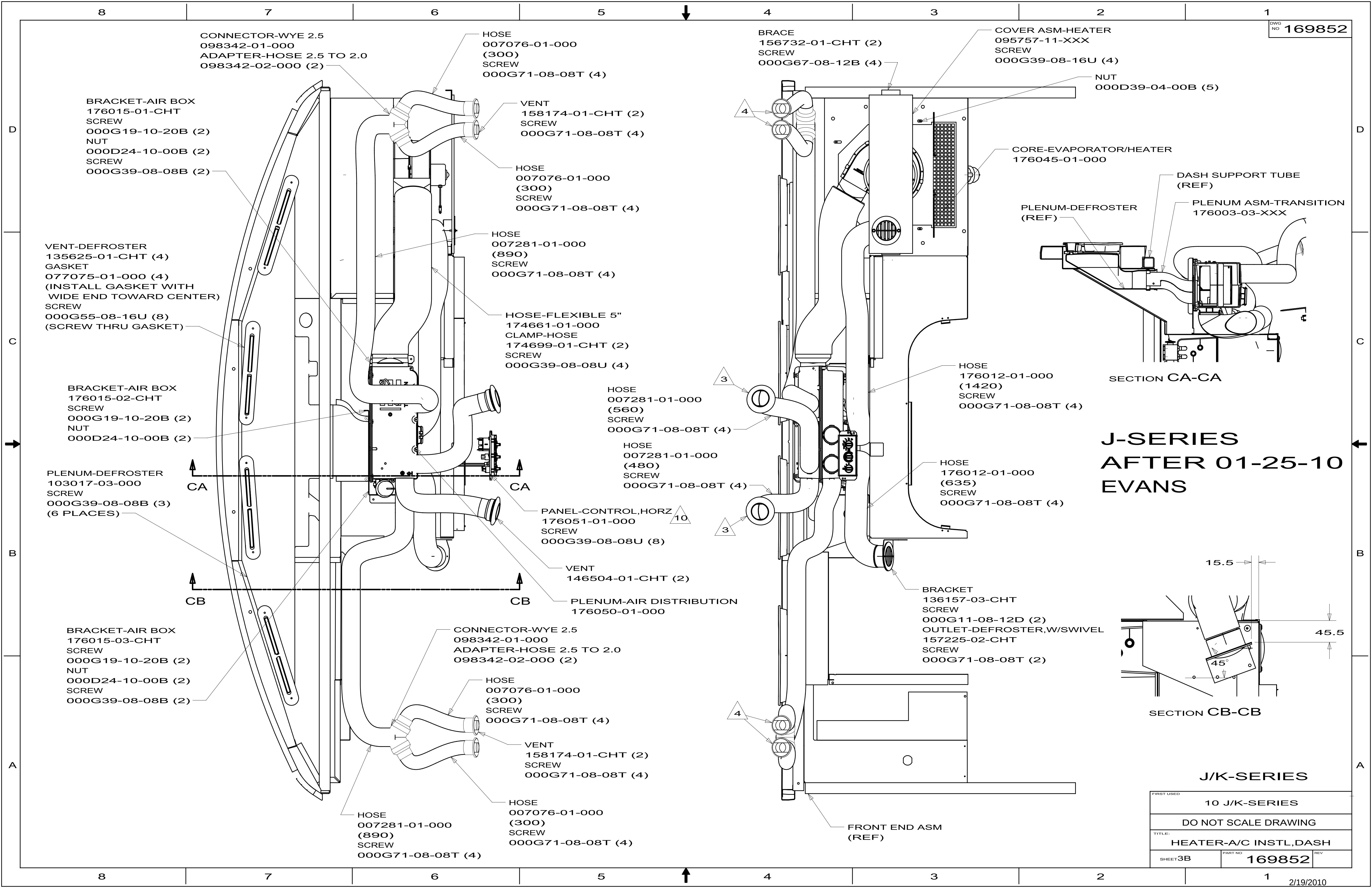
**J-SERIES
FREIGHTLINER
UP TO 01-24-10
SCS**



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



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)

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

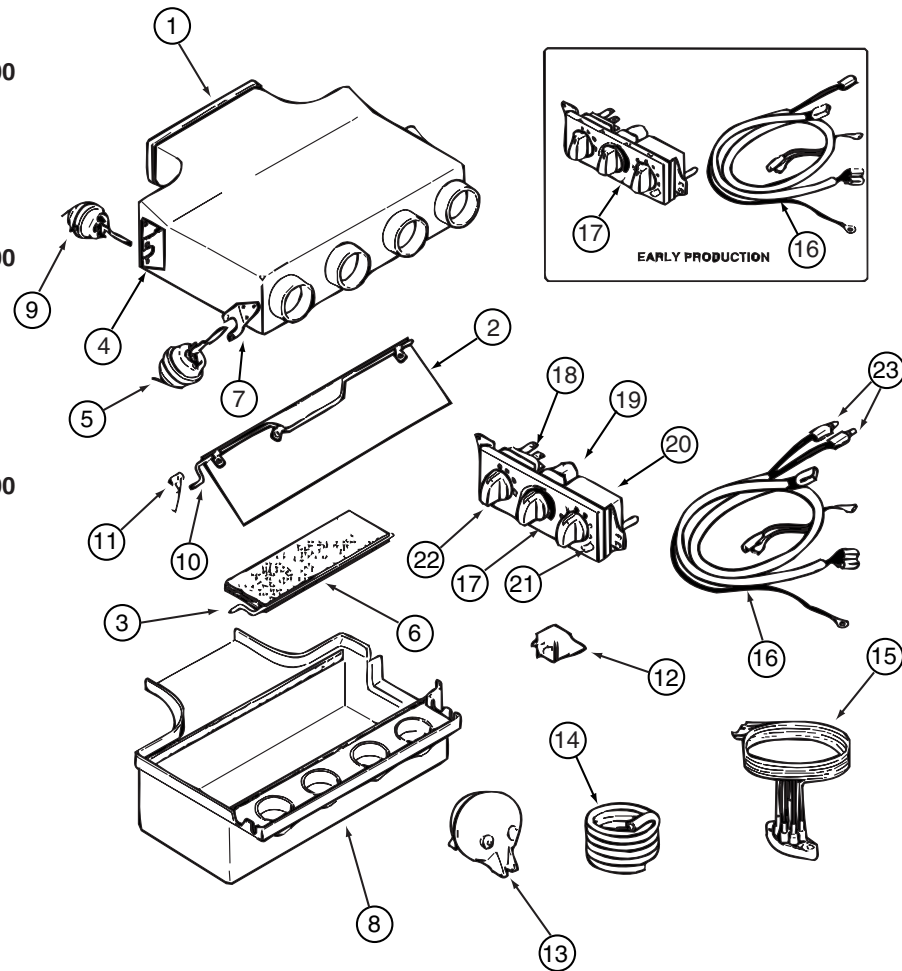
KEY	PART NUMBER	U/M DESCRIPTION
	103930-47-700	EA HOSE - #6-EVAP/DRIER - 2.2'
	113245-01-710	EA O'RING, #12

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)

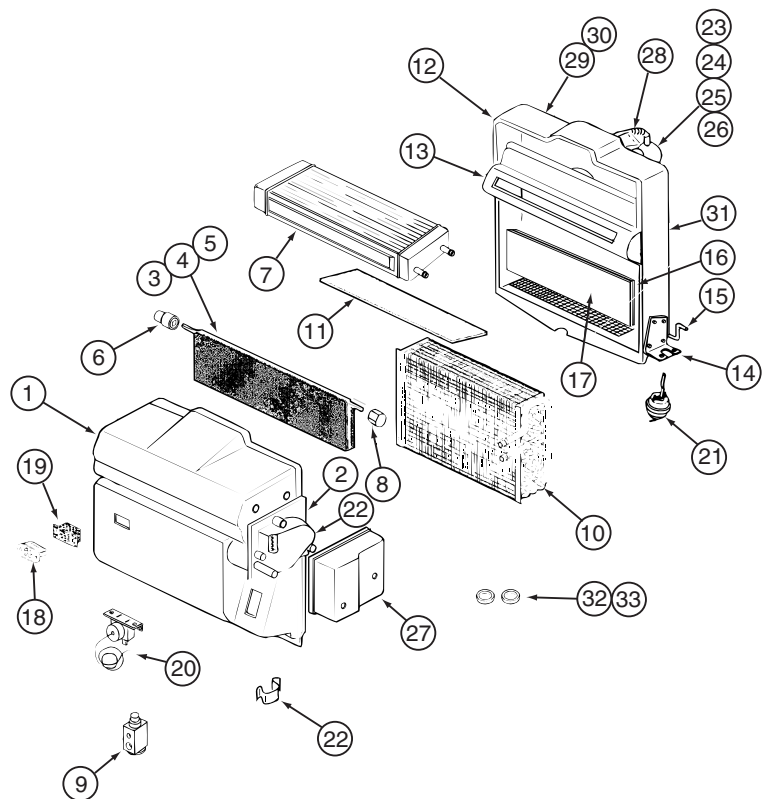


KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

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

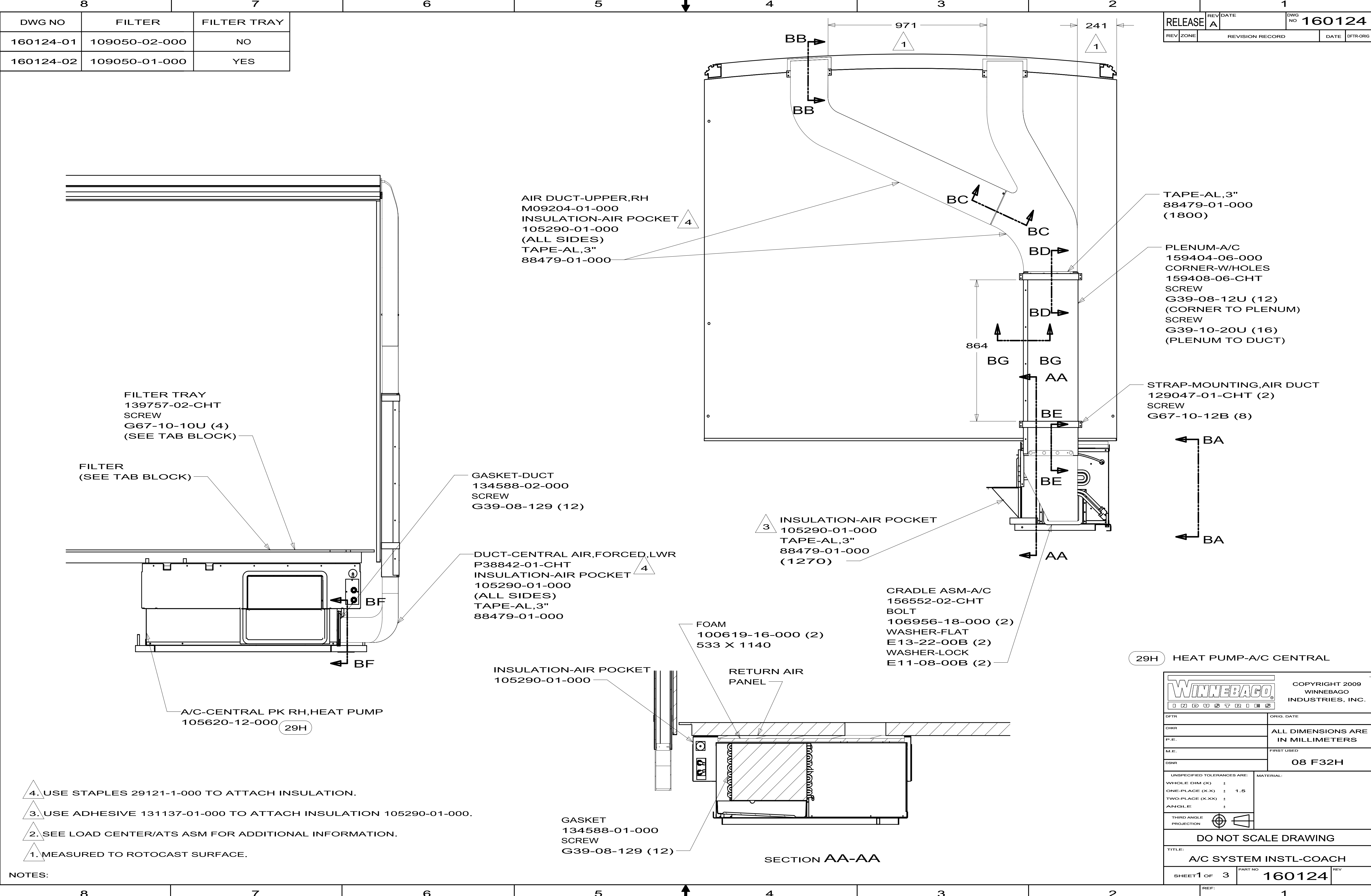
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
1	103930-55-701	EA CASE - FRONT	062-0658
2	103930-30-701	EA PLATE - MOTOR MOUNT	062-0544
3	103930-55-705	EA DOOR - BLEND AIR	071-0892
6	103930-30-702	EA BUSHING/DRIVE (BLEND DOOR)	062-0168
7	103930-55-706	EA CORE - HEATER - W/GASKET	084-0271
8	103930-30-709	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



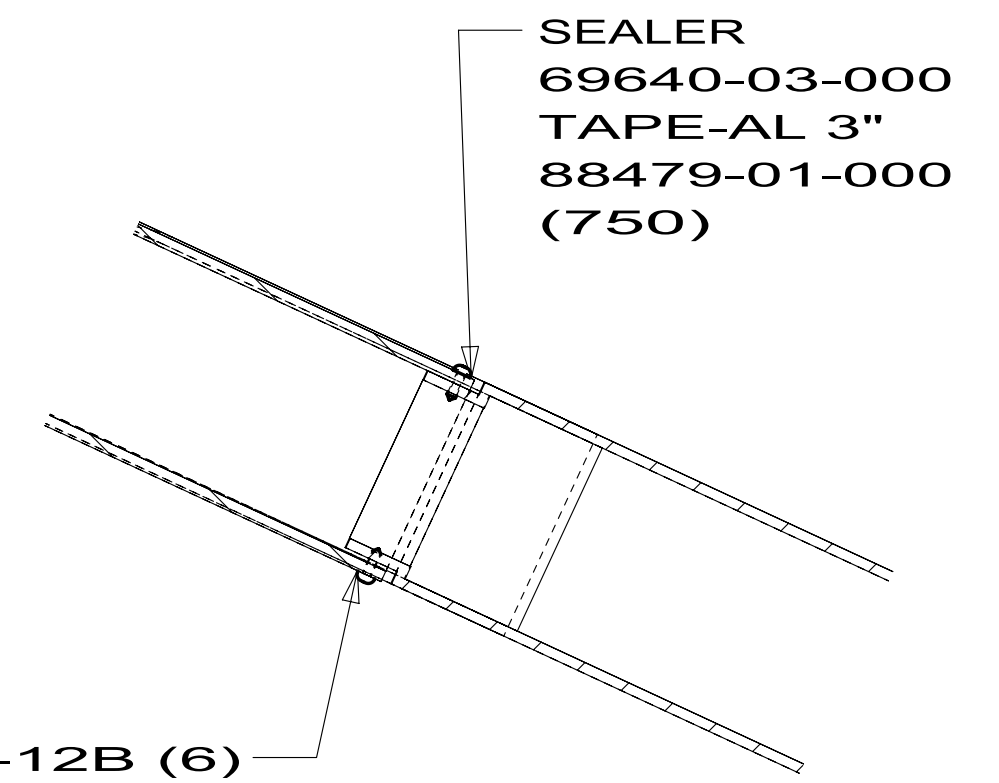
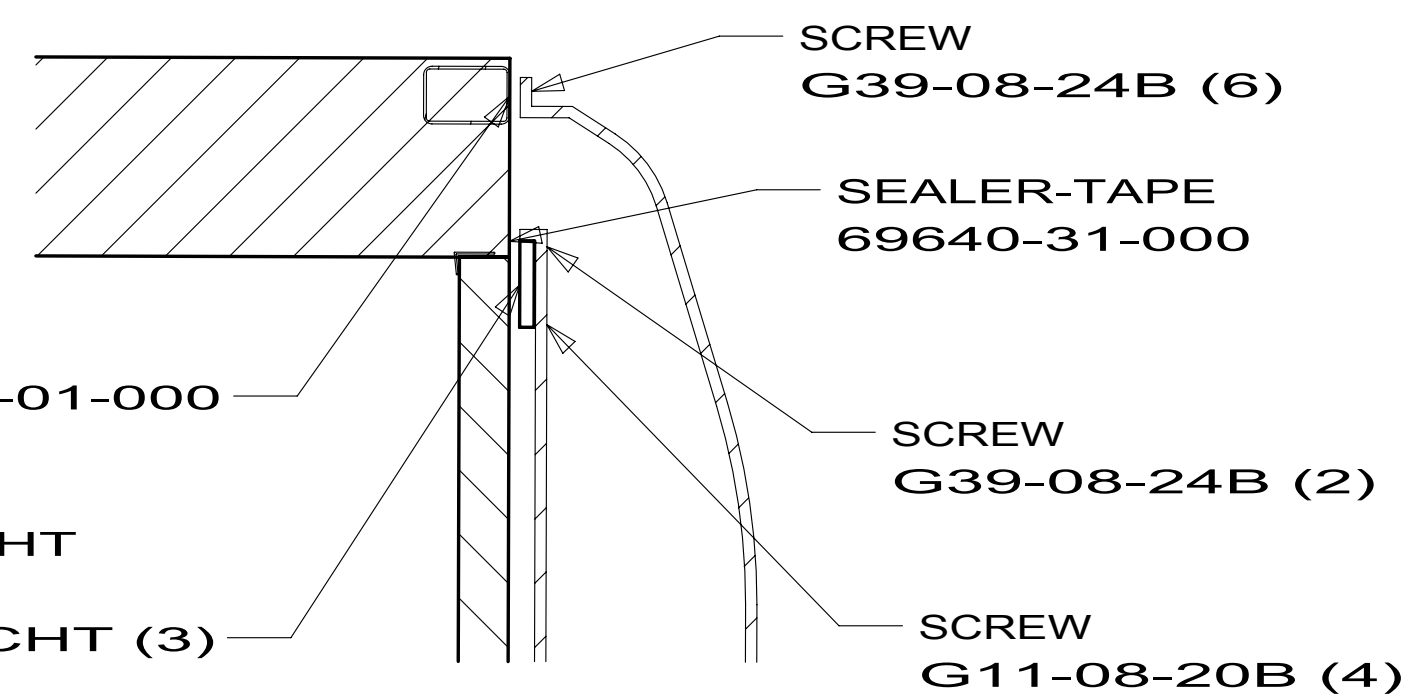
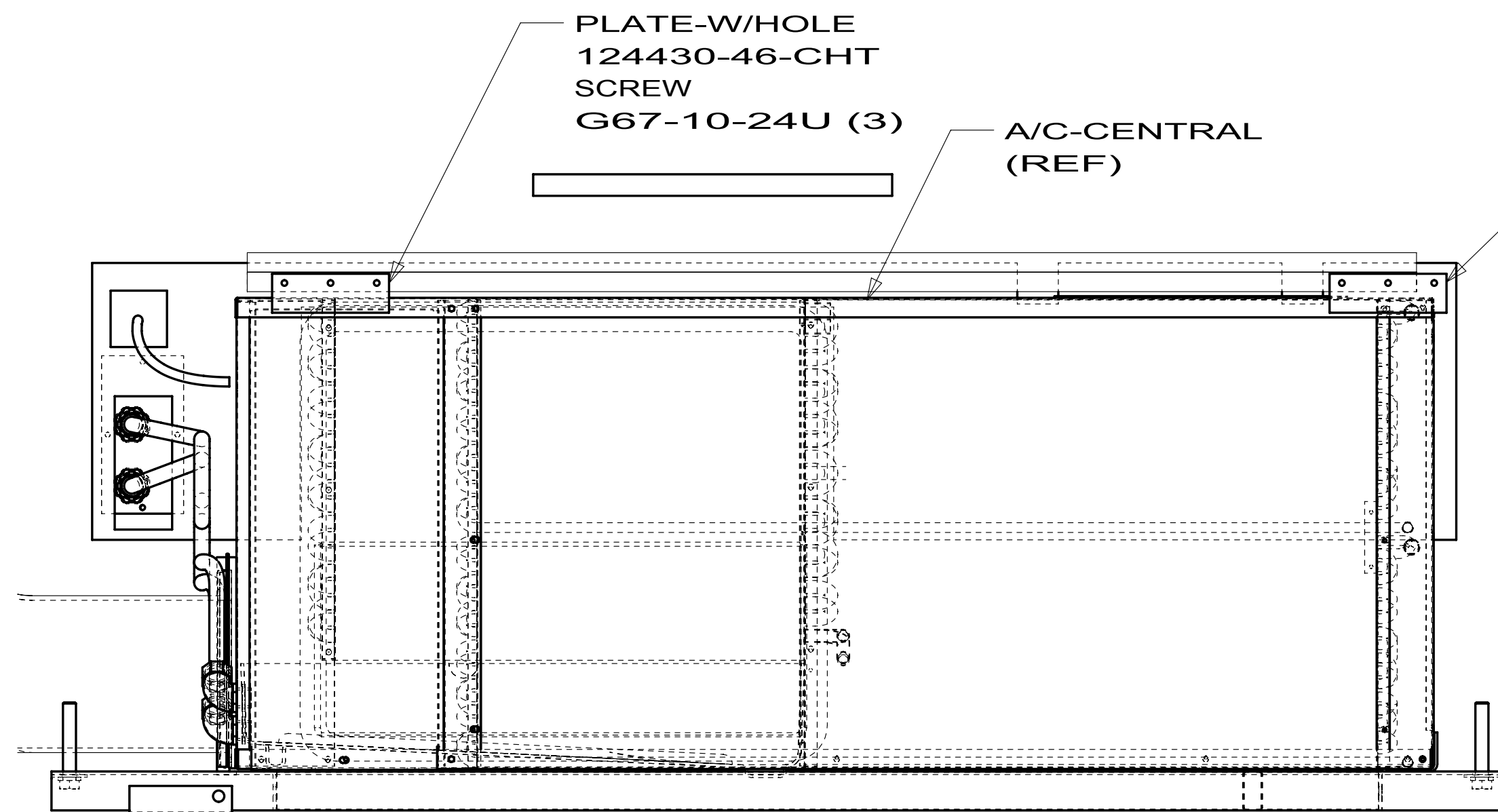
DWG NO	FILTER	FILTER TRAY
160124-01	109050-02-000	NO
160124-02	109050-01-000	YES

RELEASE	REV DATE	DWG NO	160124
REV ZONE	REVISION RECORD	DATE	DTR-ORIG



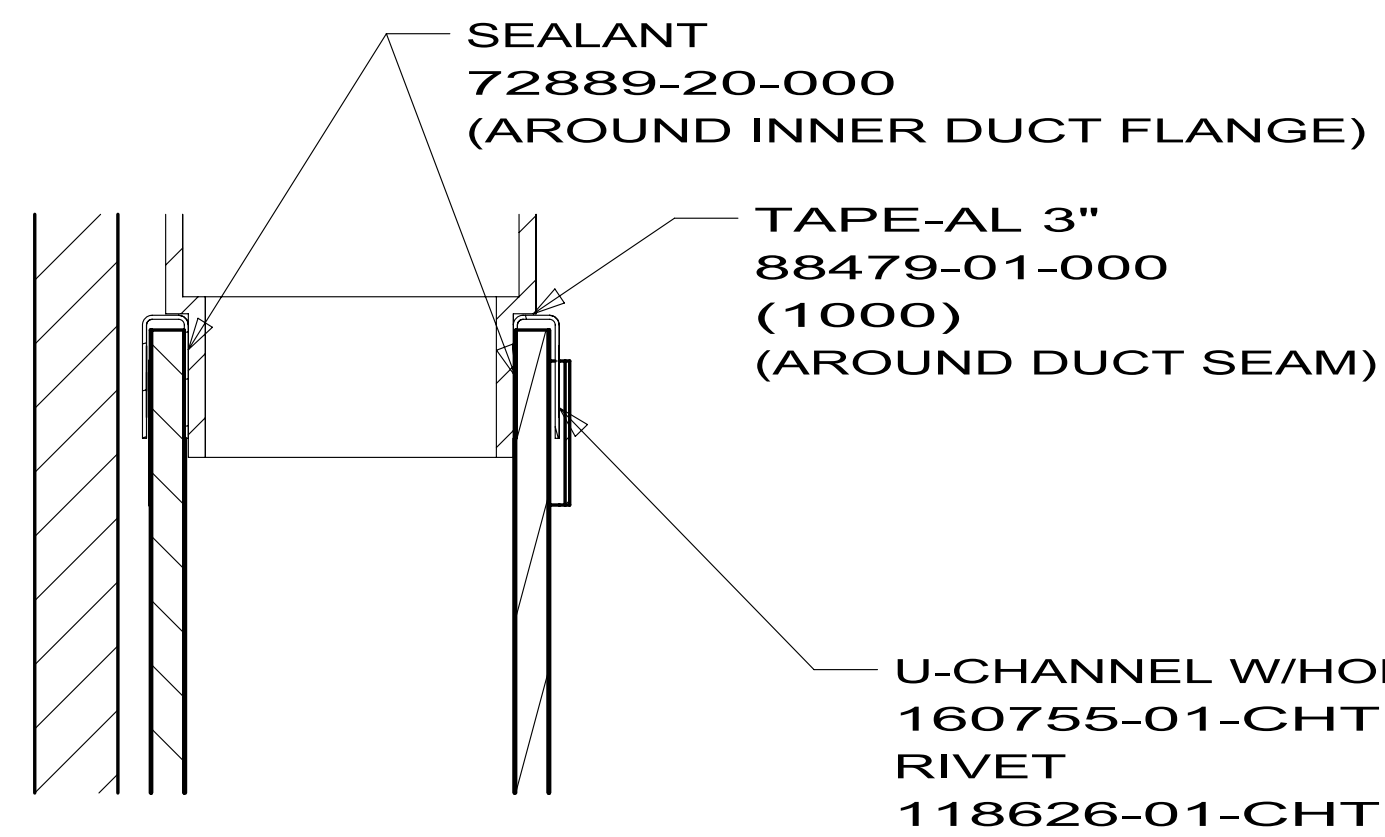
- NOTES:
1. MEASURED TO ROTOCAST SURFACE.
 2. SEE LOAD CENTER/ATS ASM FOR ADDITIONAL INFORMATION.
 3. USE ADHESIVE 131137-01-000 TO ATTACH INSULATION 105290-01-000.
 4. USE STAPLES 29121-1-000 TO ATTACH INSULATION.

WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHKR			
P.E.			
M.E.	FIRST USED		
DSNR		08 F32H	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) ±			
ONE-PLACE (X.X) ± 1.5			
TWO-PLACE (X.XX) ±			
ANGLE ±			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: A/C SYSTEM INSTL-COACH			
SHEET 1 OF 3		PART NO 160124	
REF:		REV	

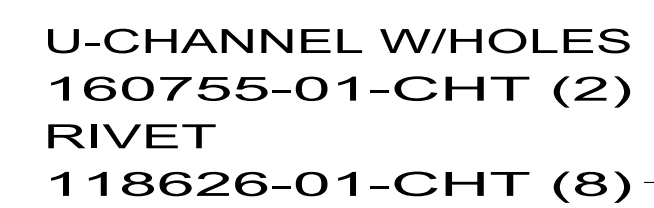


SECTION BB-BB
(2 PLCS)

SECTION BC-BC



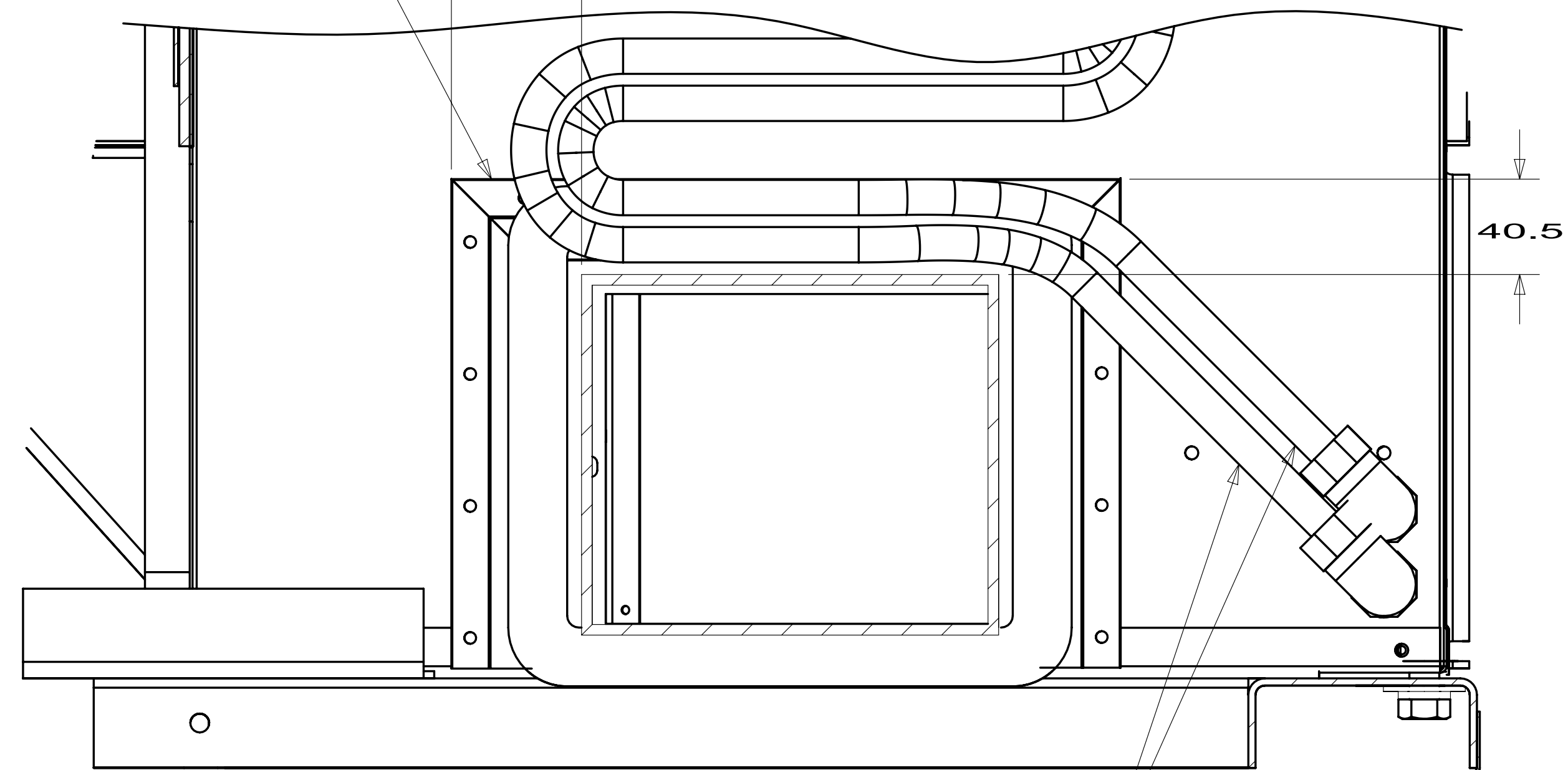
SECTION BD-BD



SECTION BE-BE

SECTION BA-BA

BRACKET ASM-A/C
133639-03-XXX
SCREW
G39-08-089 (10)



SECTION BF-BF

SEALANT
72889-20-000
(INSERTED INTO
CORNER W/HOLES
BEFORE ASSEMBLY)

CONDUIT ASM
CENTRAL A/C
FROM LOAD CENTER

SCREW
G39-08-12B (4)

TO THERMOSTAT

FLOOR FRAME

WIRE ASM- THERMOSTAT
TIE WIRE TO 110V WIRING
WITH TIE 8343-02-000

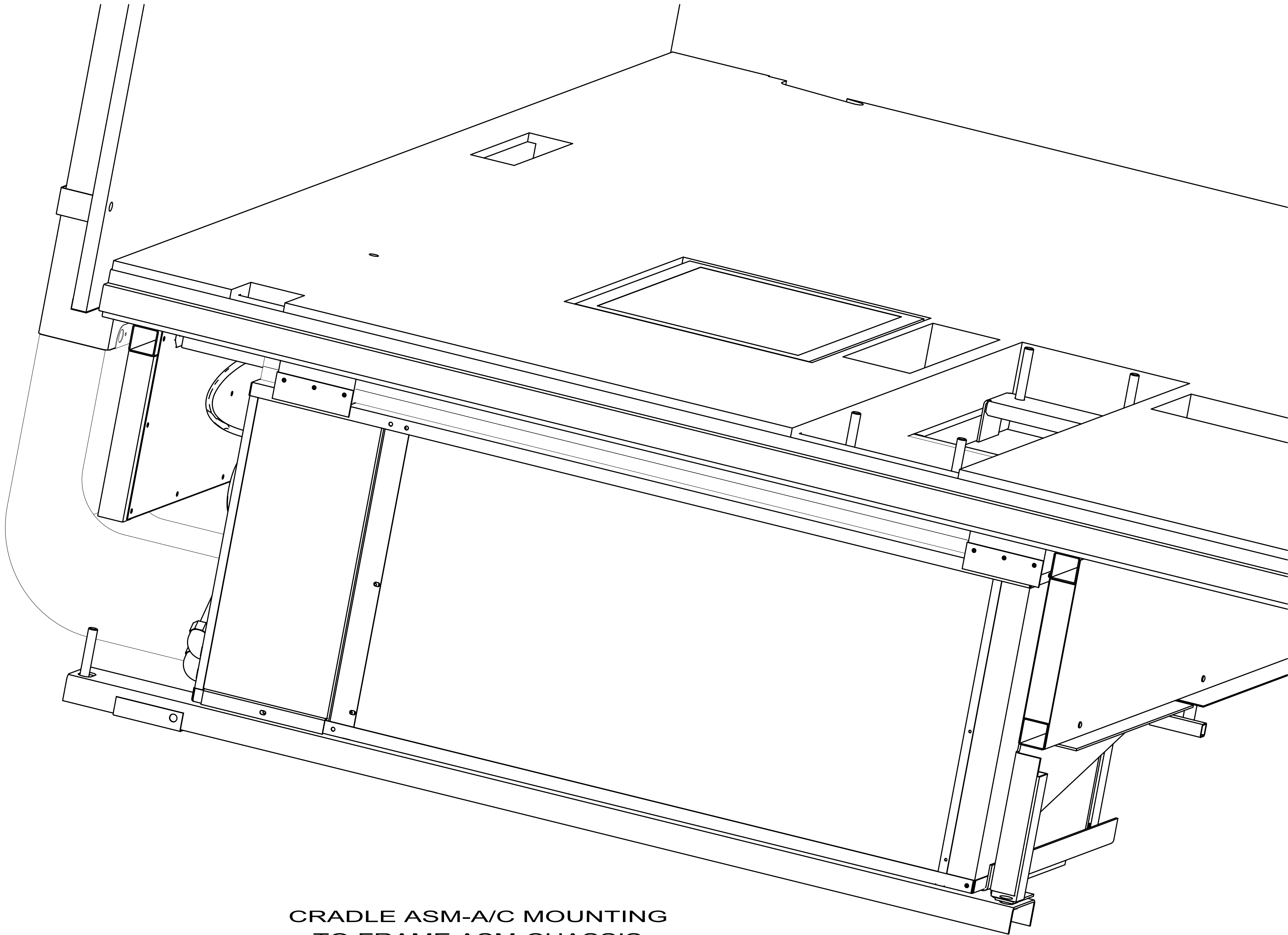
FROM LOAD
CENTER

GROUND LUG

FROM LOAD
CENTER

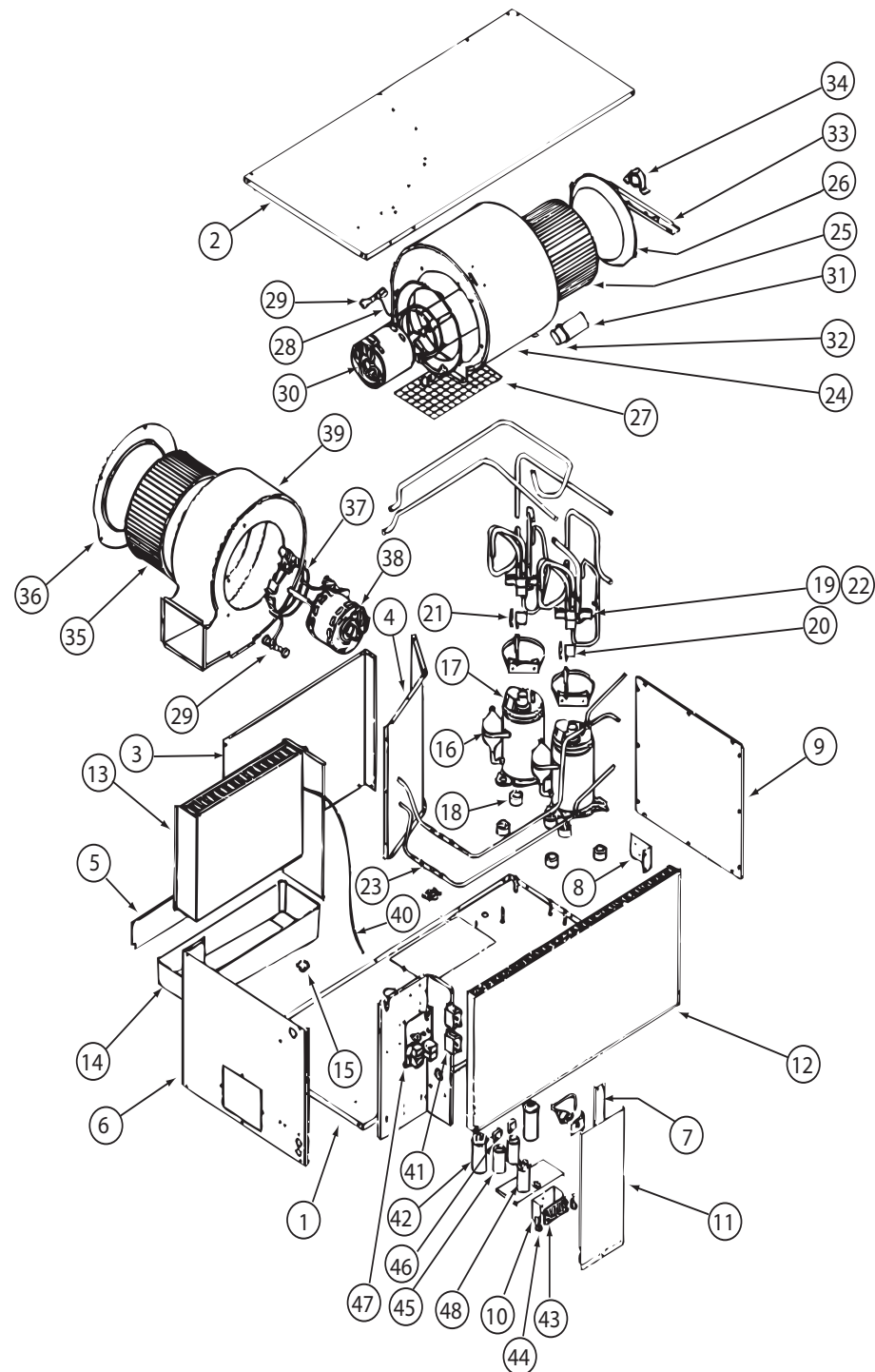
SECTION BG-BG

FIRST USED		08 F32H	
DO NOT SCALE DRAWING			
TITLE: A/C SYSTEM INSTL-COACH			
SHEET 2	PART NO	160124	REV



CRADLE ASM-A/C MOUNTING
TO FRAME ASM-CHASSIS

FIRST USED		08 F32H	
DO NOT SCALE DRAWING			
TITLE: A/C SYSTEM INSTL-COACH			
SHEET 3	PART NO	160124	REV



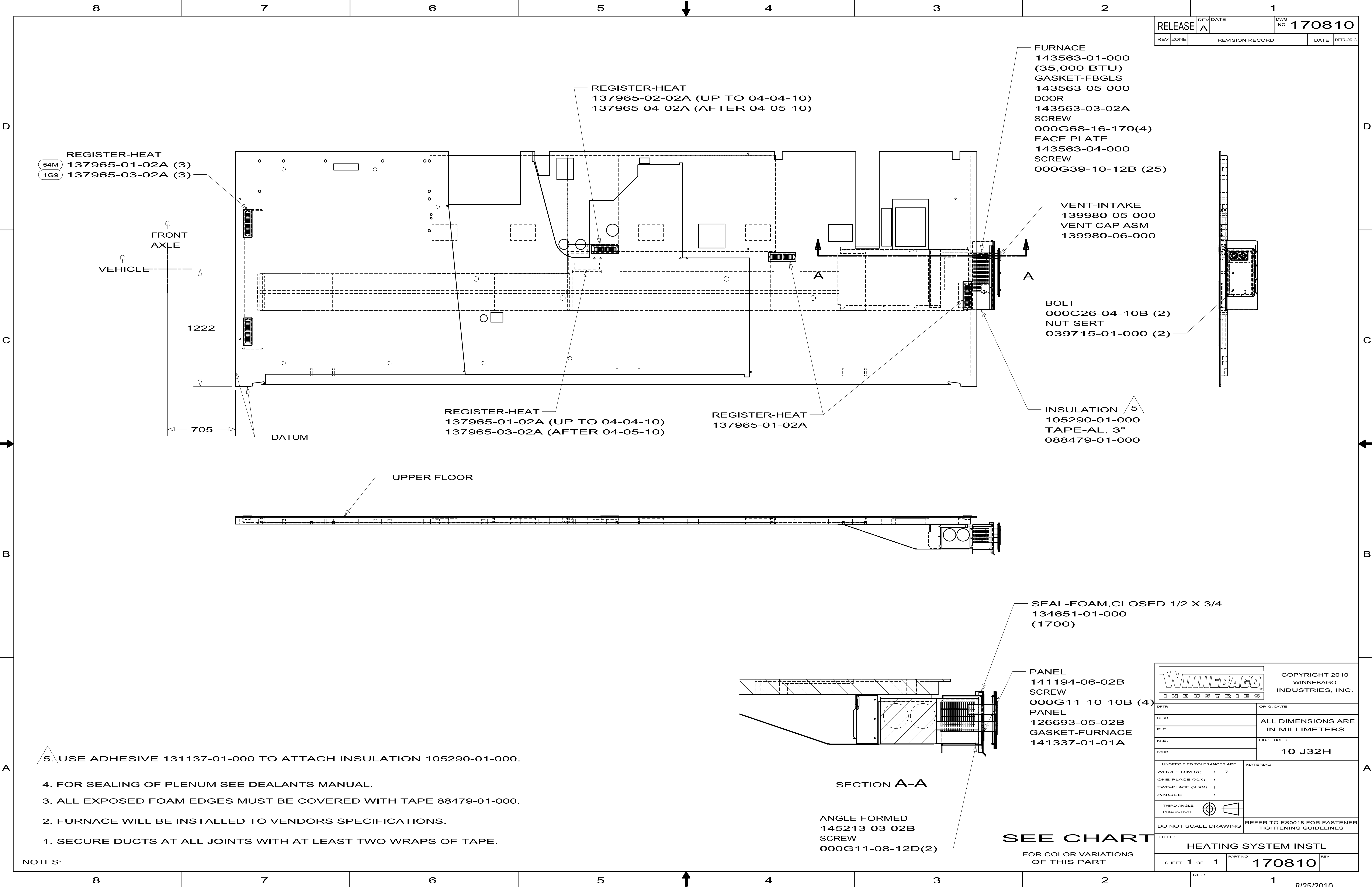
105620-12-000

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

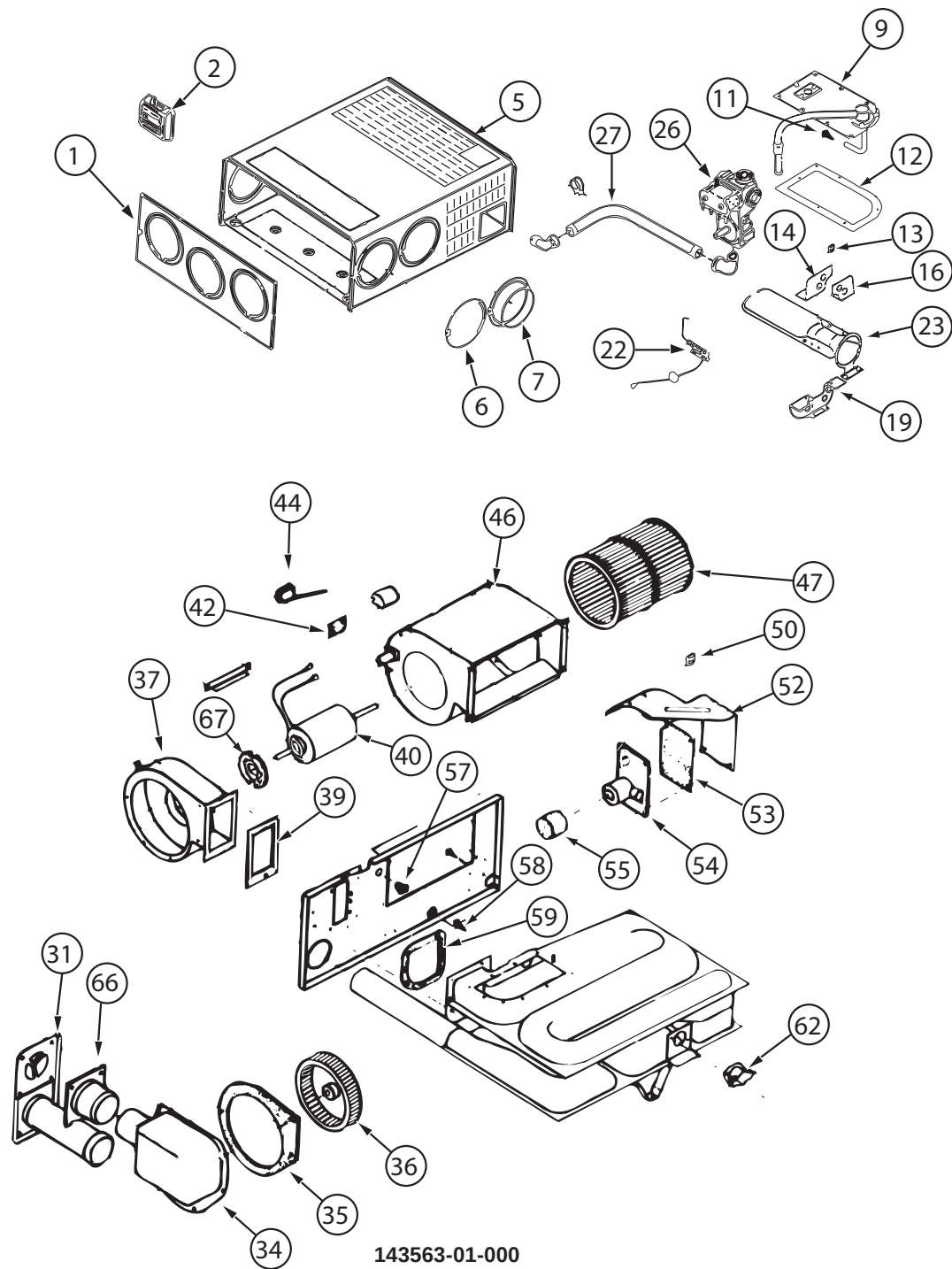


RELEASE		REV	DATE	DWG NO	170810
REV	ZONE	REVISION RECORD		DATE	DTFR-ORIG

COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DTFR	ORIG. DATE
CHKR	P.E.
M.E.	FIRST USED
DSNR	10 J32H
UNSPECIFIED TOLERANCES ARE:	
WHOLE DIM (X)	± 7
ONE-PLACE (X.X)	±
TWO-PLACE (X.XX)	±
ANGLE	±
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES
TITLE: HEATING SYSTEM INSTL	
SHEET 1 OF 1	PART NO 170810
REF:	1

5. USE ADHESIVE 131137-01-000 TO ATTACH INSULATION 105290-01-000.
4. FOR SEALING OF PLENUM SEE DEALANTS MANUAL.
3. ALL EXPOSED FOAM EDGES MUST BE COVERED WITH TAPE 88479-01-000.
2. FURNACE WILL BE INSTALLED TO VENDORS SPECIFICATIONS.
1. SECURE DUCTS AT ALL JOINTS WITH AT LEAST TWO WRAPS OF TAPE.

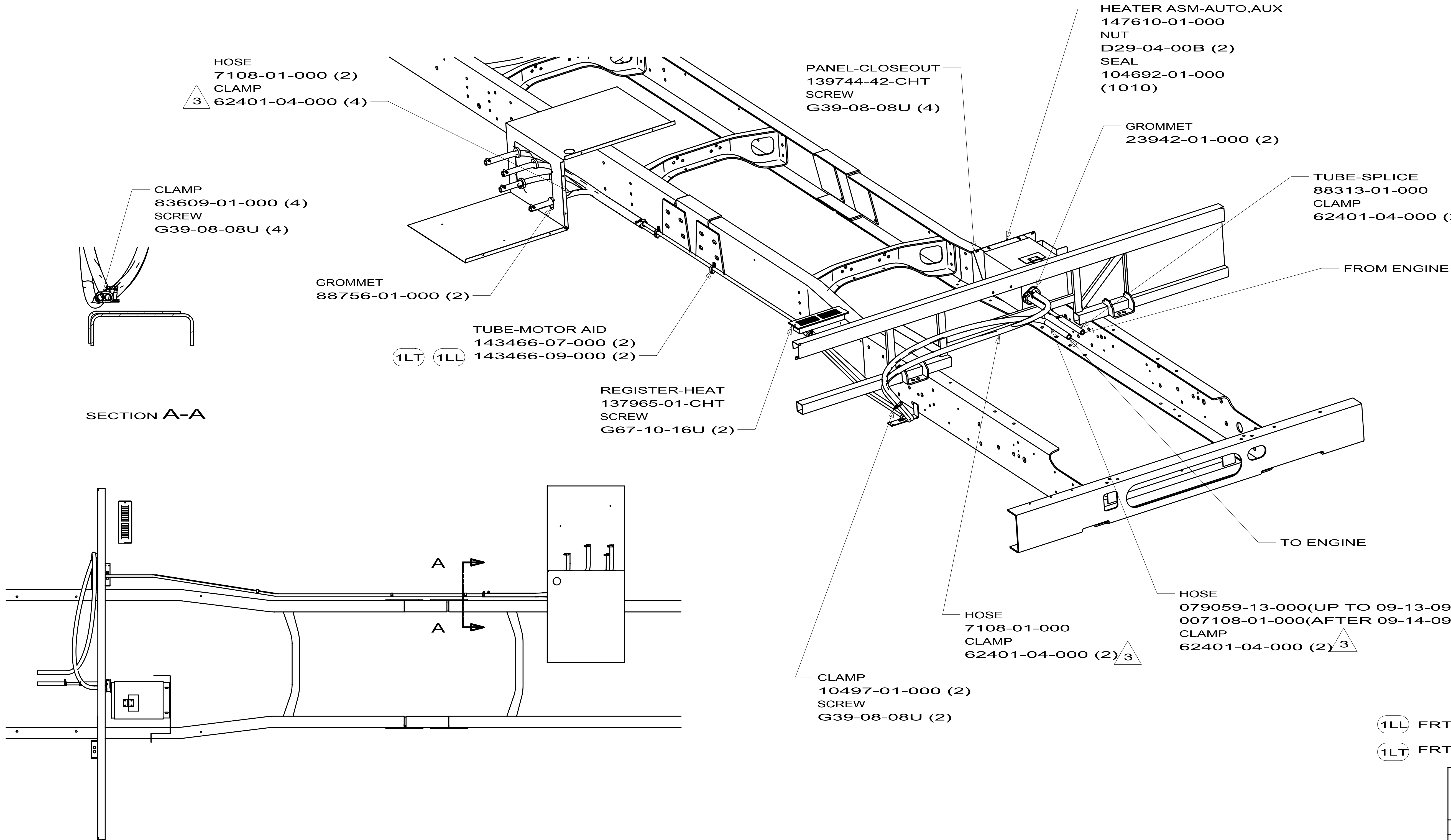
SEE CHART
FOR COLOR VARIATIONS
OF THIS PART



143563-01-000

143563-01-000 (CONTINUED)

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
1	143563-01-700	EA	CABINET - FRONT	101907
2			SEE 12 VOLT WIRING AREAS FOR CORRECT THERMOSTAT	
5	143563-01-701	EA	CABINET	101921
7	075696-02-703	EA	COLLAR - DUCT	050715
9	143563-01-702	EA	MANIFOLD ASSEMBLY	171599
11	143563-01-703	EA	ORFICE - MAIN BURNER	180308
12	098668-22-703	EA	GASKET - BURNER ACCESS COVER	070811
14	143563-01-704	EA	PLATE - SECONDARY AIR/TOP BACK	063199
16	143563-01-705	EA	PLATE - SECONDARY AIR/TOP FRT	062936
19	143563-01-706	EA	PLATE - SECONDARY AIR/BOTTOM	062938
22	139980-01-701	EA	ELECTRODE	232286
23	098668-02-700	EA	BURNER ASSEMBLY,SF-30 & SF35	010745
26	098668-01-718	EA	VALVE-GAS SF S.N.974903079	161122
27	143563-01-707	EA	PIPE ASSEMBLY (GAS INLET)	171603
31	098668-01-707	EA	TUBE ASSEMBLY, EXHAUST W/CAP	260231
34	143563-01-708	EA	BOX ASM (COMB. AIR INTAKE)	051430BK
35	143563-01-709	EA	GASKET (COMB. AIR HOUSING)	071108
36	143563-01-710	EA	WHEEL (COMBUSTION AIR)	350199
37	143563-01-711	EA	HOUSING (COMBUSTION AIR)	390862BK
39	143563-01-715	EA	GASKET-FIREWALL/COMB. AIR	071107
40	143563-01-712	EA	MOTOR ASSEMBLY	232727
42	101990-01-714	EA	GASKET-MICROSWITCH	230877
44	098668-21-700	EA	SWITCH-MICRO-W/O FLAG 3 1/4"	232261
46	143563-01-713	EA	BLOWER ASSEMBLY(ROOM AIR)	390867BK
47	143563-01-714	EA	WHEEL - ROOM AIR	350198
50	139980-01-710	EA	SWITCH - ON/OFF	232351
52	139980-01-711	EA	PANEL ASSEMBLY-MODULE BD	101663
53	139980-01-712	EA	INSULATOR - MODULE BD	070807
54	098668-22-705	EA	MODULE BD W/RELAY TIME DELAY	520820
55	139980-01-713	EA	CAP/INSULATOR-MODULE BD	070973
57	139980-01-714	EA	BUSHING - UNIVERSAL	070362
58	139980-01-715	EA	BUSHING - STRAIN RELIEF	231809
59	098668-01-716	EA	GASKET-FIREWALL,CHAMBER SIDE	070808
62	098668-21-701	EA	SWITCH - LIMIT	232504
66	098668-01-713	EA	TUBE ASSEMBLY, INTAKE	051248
67	075697-07-703	EA	GASKET - MOTOR	070448
	143563-01-716	EA	CHAMBER ASM. - FINAL	
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	



5. WHERE THE MOTOR AID TUBE COMES IN CONTACT WITH ANY CHASSIS COMPONENT OTHER THAN THE RAILS, IT SHALL BE PROTECTED BY CONVOLUTED CONDUIT 41953-02-000.

4. SEE HEATER AND A/C INSTALLATION FOR HOOK-UP OF MOTOR AID HOSES AND ANTI-FREEZE/COOLANT.

3. TORQUE TO 20.0 ±3 IN/LBS.

2. SLIP JOINTS TO HAVE AN OVERLAP OF 25 MINIMUM.

1. EXTERIOR OPENINGS AROUND PIPE TO BE SEALED WITH 69640-02-000.

NOTES:

1LL FRTL(FRED) 27K-300HP 22.5 TIRE
1LT FRTL(FRED) 22K-300HP 22.5 TIRE

WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DTFR	ORIG. DATE		
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS		
P.E.			
M.E.	FIRST USED		
DSNR	08 F32H		
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			
TITLE: MOTOR AID INSTL			
SHEET 1 OF 1		PART NO	161613
REF:		1	

INDICATES CRITICAL SAFETY
PROCEDURE TO BE FOLLOWED

				147610-01-000
KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
	129205-01-702	EA	BLOWER ASSEMBLY-W/12V MOTOR	HV218419
	147610-01-700	EA	RESISTOR-BLOWER MOTOR	HV218125