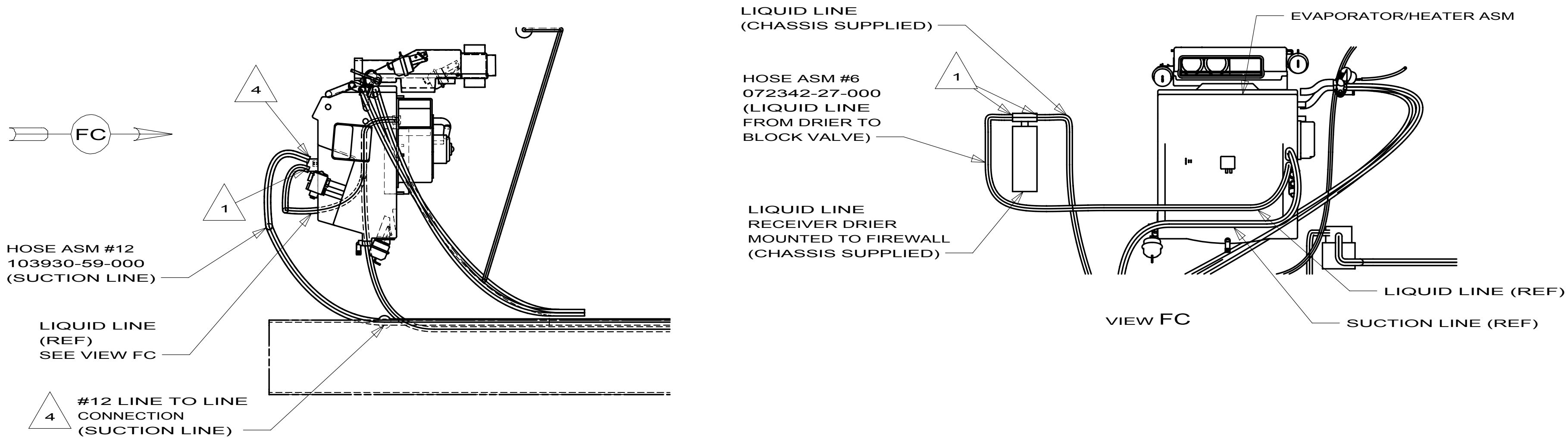
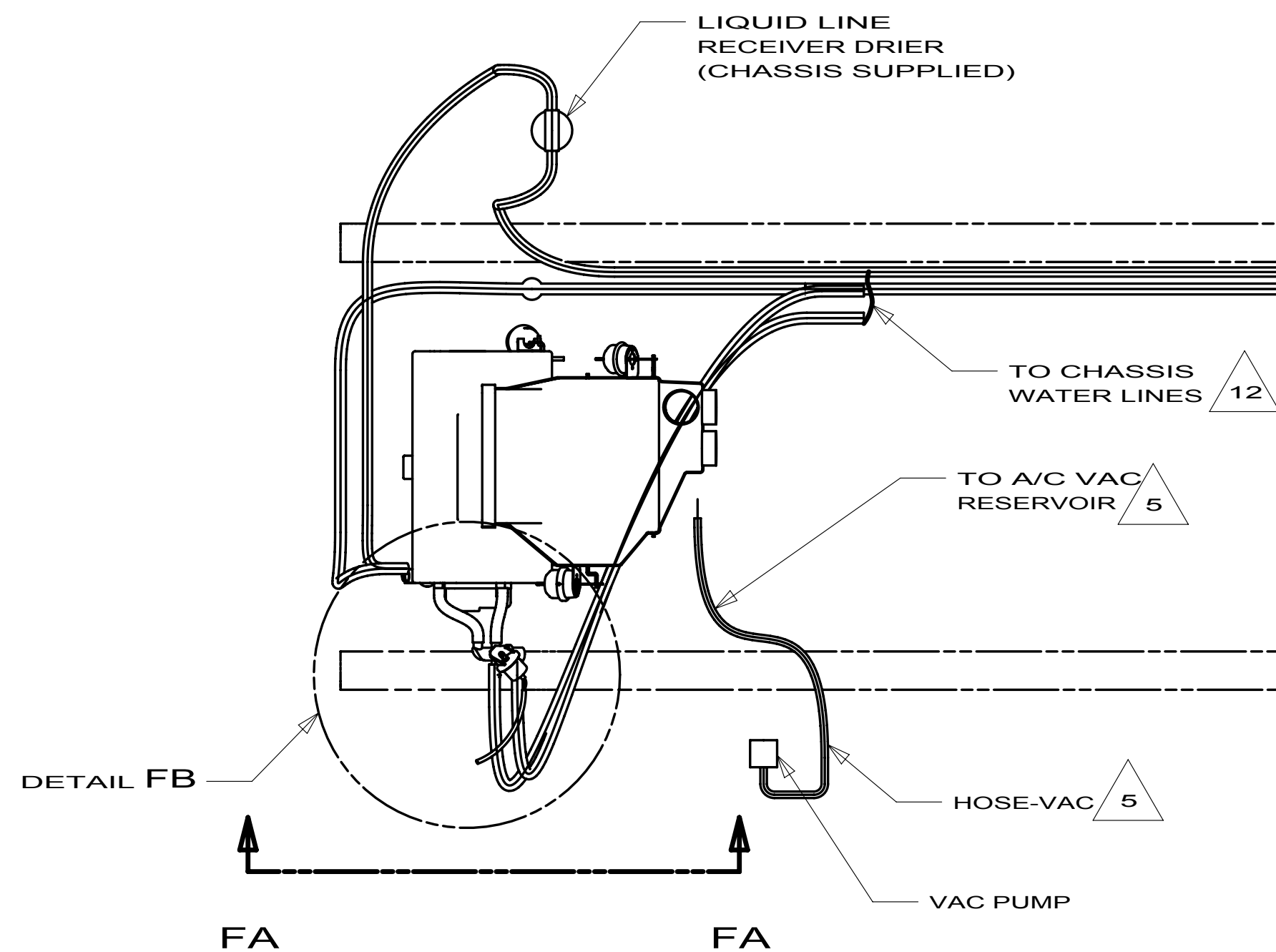
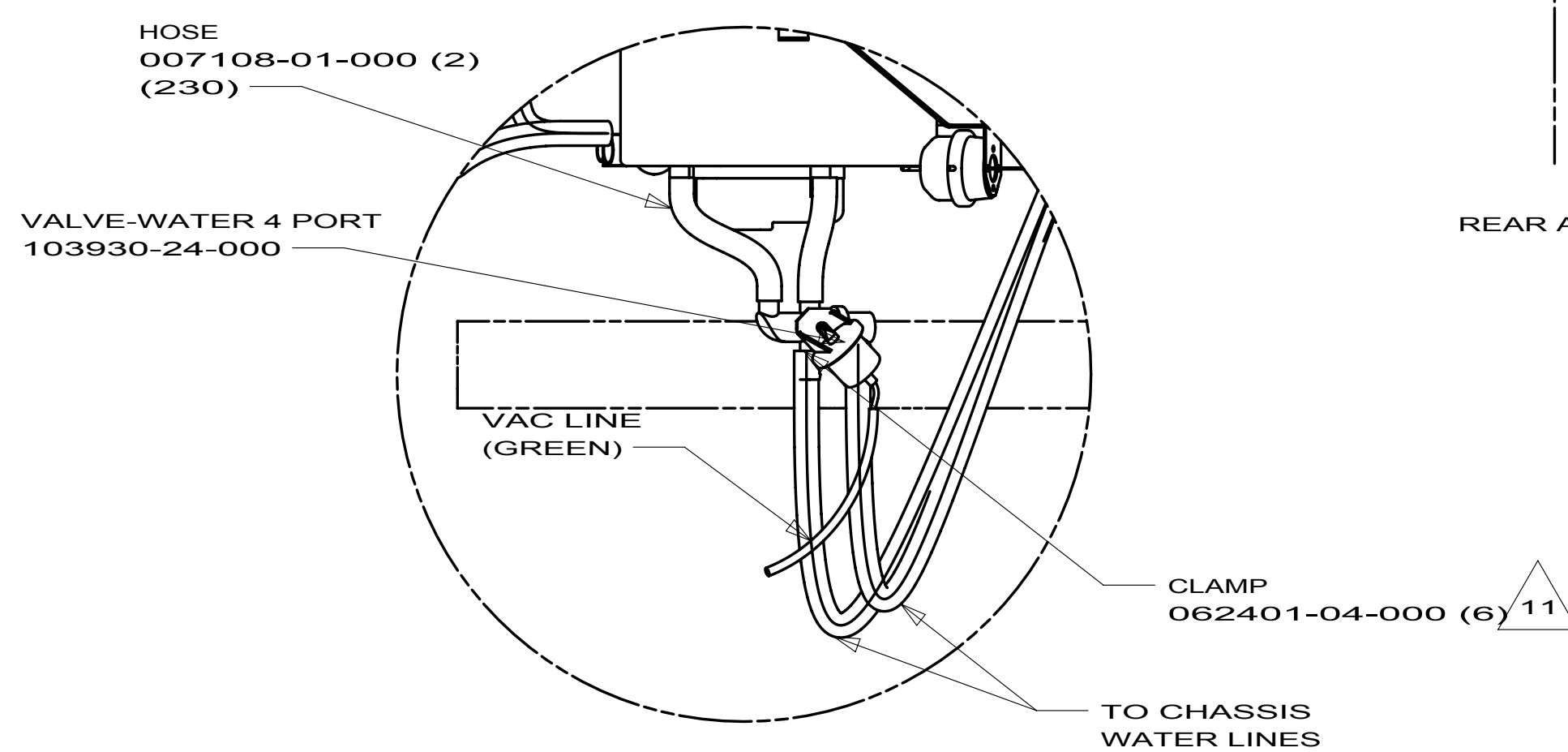




VIEW FA-FA



12. SEE MOTORAIID INSTL FOR ADDITIONAL INFORMATION.
11. TORQUE TO 20.0 $\pm$ 3 IN/LBS.
10. TORQUE TO 11-13 FT/LBS
9. WHEN MOTORAIID TUBE CONTACTS ANY CHASSIS COMPONENT THE SHALL BE POTECTED BY CONDUIT 041953-02-000
8. USE ANTIFREEZE 007316-03-000 (A/R)
7. EVACUTE COMPLETE SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS
CHARGE SYSTEM WITH 40OZ $\pm$ 1.8 OZ OF 3122-00-R134A
FREON AND ADD 4 OZ OF REFRIGERANT PAG OIL NO. 104941-02-000
6. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.
5. SUPPLIED WITH A/C-HEATER
4. TORQUE TO 28-33 FT/LBS
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. TORQUE TO 11-13 FT/LBS

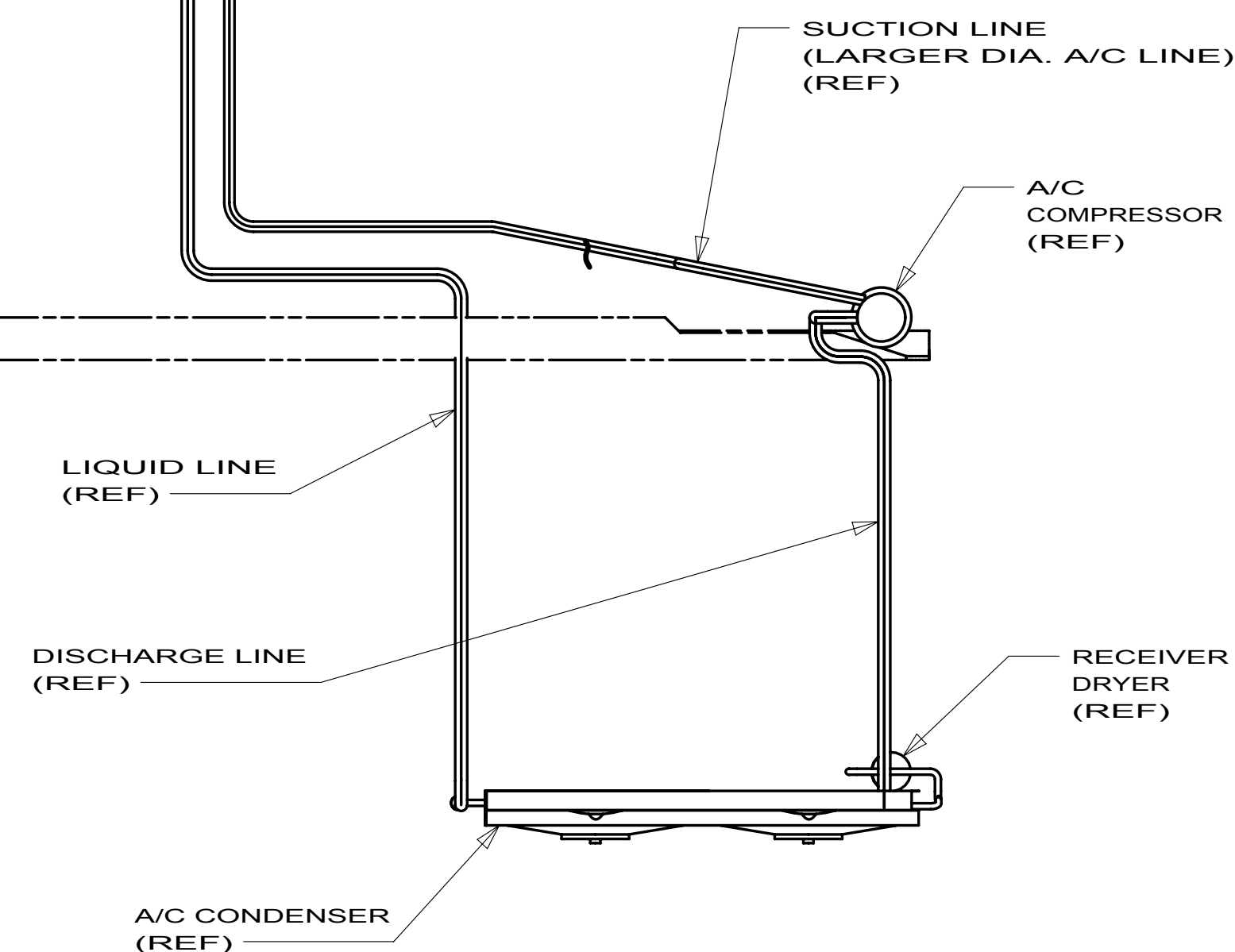


DETAIL FB

REAR AXLE

REAR AXLE

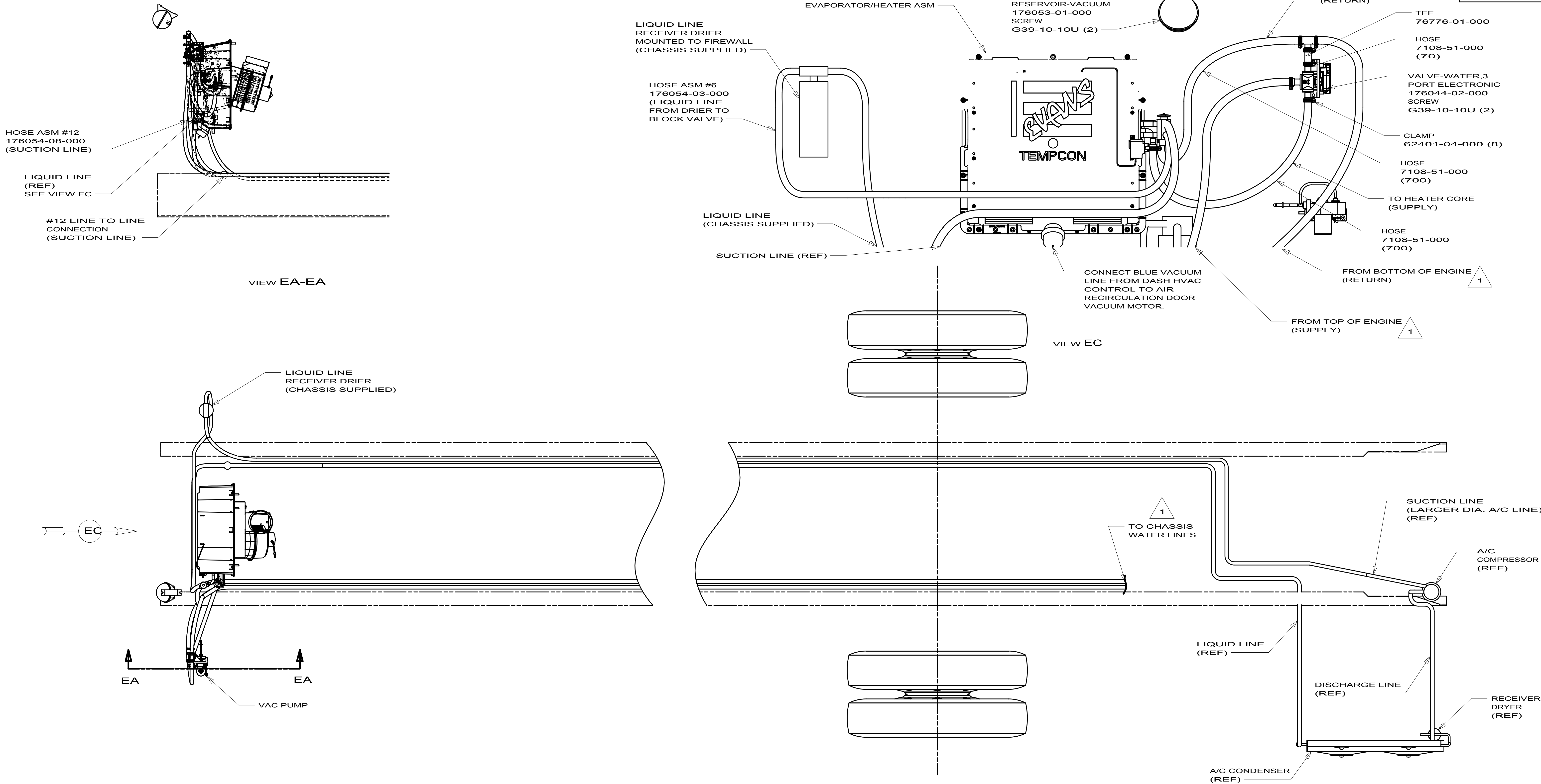
R-SERIES FREIGHTLINER UP TO 02-01-10 SCS



- 1BW WTR HTR-10GL/16OUTPUT/MTRAIID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID

HEATER-A/C INSTL CHASSIS
4A 169851

NOTES:



R-SERIES
FREIGHTLINER
(AFTER 02-02-10)
EVANS

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. ADD 4 OZ OF PAG REFRIGERANT OIL P/N 104941-02-000 IN LIQUID LINE. 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. SEE MOTOROID INSTL FOR ADDITIONAL INFORMATION.

NOTES:

- 1BW WTR HTR-10GL/16OUTPUT/MTRAIID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID

FIRST USED		
10 R/S-SERIES FL		
DO NOT SCALE DRAWING		
TITLE:		
HEATER-A/C INSTL CHASSIS		
SHEET4B	PART NO	REV
	169851	

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

R-SERIES UP TO 02-01-10 SCS

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

HOSE
7281-01-000
(1143)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(1140)
SCREW
G71-08-08T (4)

VENT
146504-01-CHT

VENT
146505-01-CHT

HOSE
7076-01-000
(1220)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(890)
SCREW
G71-08-08T (4)

HOSE ASM-CONDENSATE DRAIN
103930-72-000

VENT
146505-01-CHT

HOSE
7281-01-000
(1143)
SCREW
G71-08-08T (4)

EVAP,HEATER ASM
103930-55-CHT

PLENUM-DEFROSTER
(REF)

51.4

CONTROL/PLENUM SET
(REF)

PLENUM-TRANSITION
134275-01-CHT

SECTION EA-EA

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

VENT
146504-01-CHT

HOSE
7281-01-000
(1524)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(890)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(510)
SCREW
G71-08-08T (4)

VENT
146504-01-CHT

HOSE
7281-01-000
(900)
SCREW
G71-08-08T (4)

VENT
146504-01-CHT

HOSE
7281-01-000
(660)SCREW
G71-08-08T (4)

CONTROL/PLENUM SET
103930-65-000

VENT
146504-01-CHT

HOSE
7076-01-000
(1140)
SCREW
G71-08-08T (4)

HOSE
7281-01-000
(1143)
SCREW
G71-08-08T (4)

EA

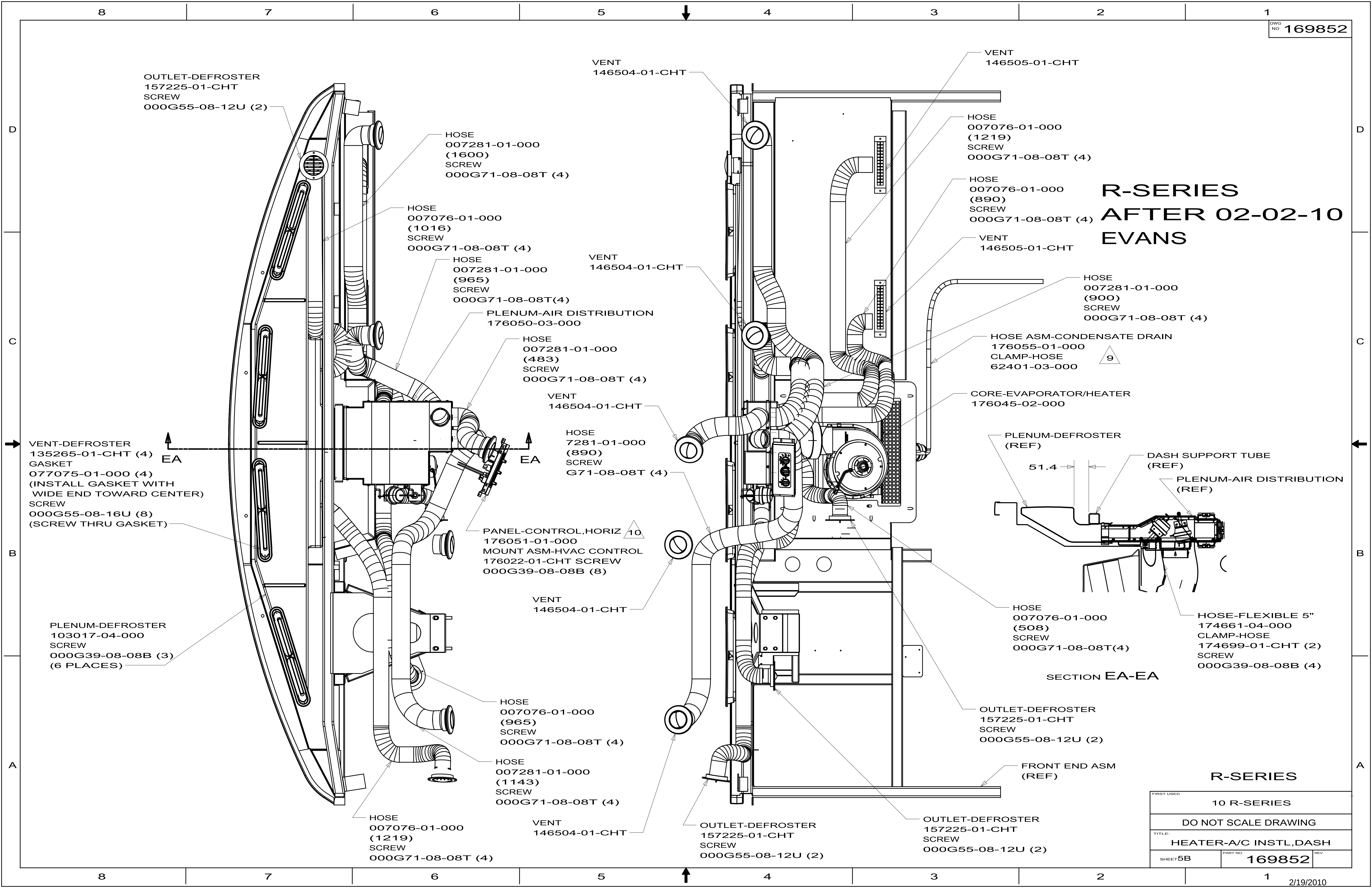
EA

PLENUM-DEFROSTER
103017-04-000
SCREW
G39-08-08B (3)
(6 PLACES)

VENT-DEFROSTER
135265-01-CHT (4)
GASKET
77075-01-000 (4)
(INSTALL GASKET WITH
WIDE END TOWARD CENTER)
SCREW
G55-08-16U (8)
(SCREW THRU GASKET)

FIRST USED		
10 R-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET 5A	PART NO 169852	REV

R-SERIES AFTER 02-02-10 EVANS



R-SERIES

FIRST USED		
10 R-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET 5B	PART NO 169852	REV

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

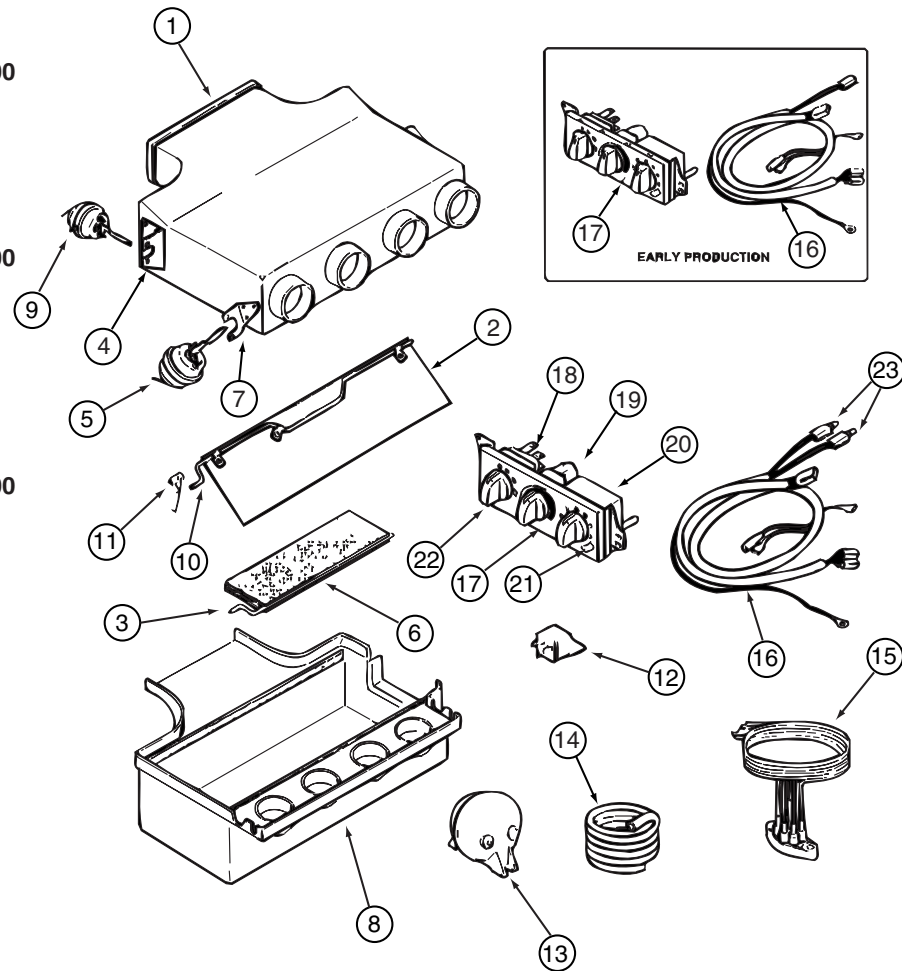
KEY	PART NUMBER	U/M DESCRIPTION
	103930-47-700	EA HOSE - #6-EVAP/DRIER - 2.2'
	113245-01-710	EA O'RING, #12

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)

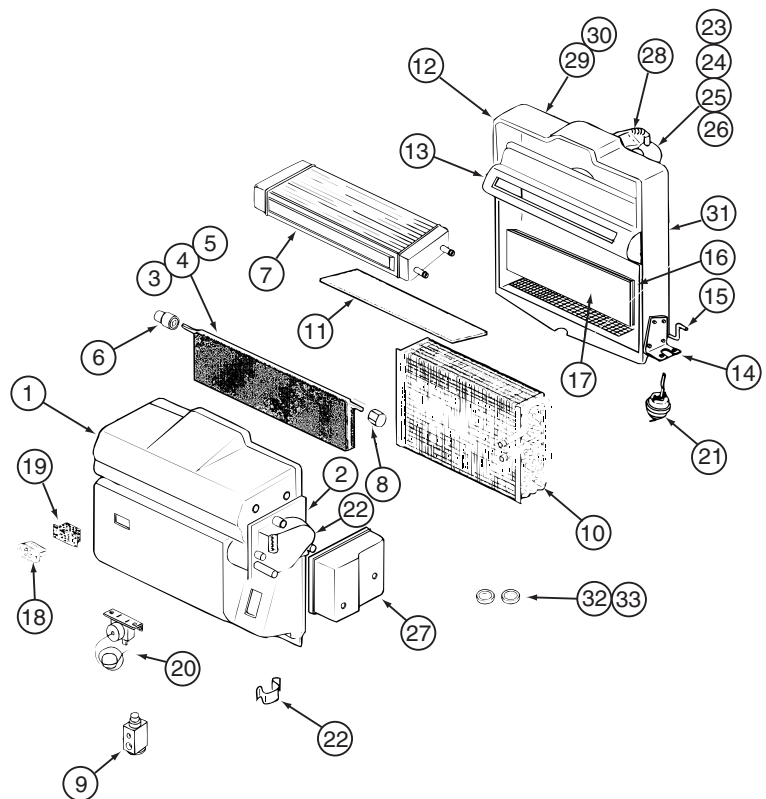


KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

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



KEY	PART NUMBER	U/M	DESCRIPTION
	103930-02-707	EA	RELAY-BOSCH W/RESISTER
	103930-02-708	EA	MOTOR-VACUUM SERVO, A/C
	103930-02-710	EA	CANISTER-VACUUM
	103930-33-701	EA	MOTOR - VACUUM, 3 STAGE
	103930-33-703	EA	VACUUM HARNESS
	103930-49-701	EA	HARNESS - WIRE W/BULBS
	103930-49-704	EA	SWITCH - BLOWER
	103930-49-705	EA	POTENTIOMETER
	103930-49-706	EA	SWITCH - VACUUM
	103930-49-707	EA	DECAL CONTROL PANEL-N/RECESS
	103930-61-700	EA	PLENUM - TOP CASE
	103930-61-701	EA	PLENUM - LOWER CASE
	103930-61-702	EA	DOOR - HEAT/VENT
	103930-61-703	EA	ROD - DEF/HEAT DOOR
	103930-61-704	EA	DOOR - DEF/HEAT
	103930-61-705	EA	HOUSING ONLY - CONTROL PANEL
	103930-61-706	EA	KNOB - CONTROL
	103930-65-702	EA	CONTROL PANEL W/SWITCHES

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
18	103930-49-704	EA	SWITCH - BLOWER
19	103930-49-705	EA	POTENTIOMETER
20	103930-49-706	EA	SWITCH - VACUUM
21	103930-63-700	EA	DECAL CONTROL PANEL-N/RECESS
22	103930-49-708	EA	KNOB - BLOWER - NONRECESSED

CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)

103930-61-000

VENDOR NO.

031-0001

030-0025

054-0002

030-0105

036-0466

036-0557

032-0332

032-0182

032-0185

058-0144

060-00787

060-00788

071-01054

073-00086

071-01053

062-00615

062-00723

083-00308

103930-63-000

VENDOR NO.

060-0482

071-0149

073-067

030-0025

071-0623

060-0483

030-0105

073-0069

022-0119

031-0001

054-0002

036-0466

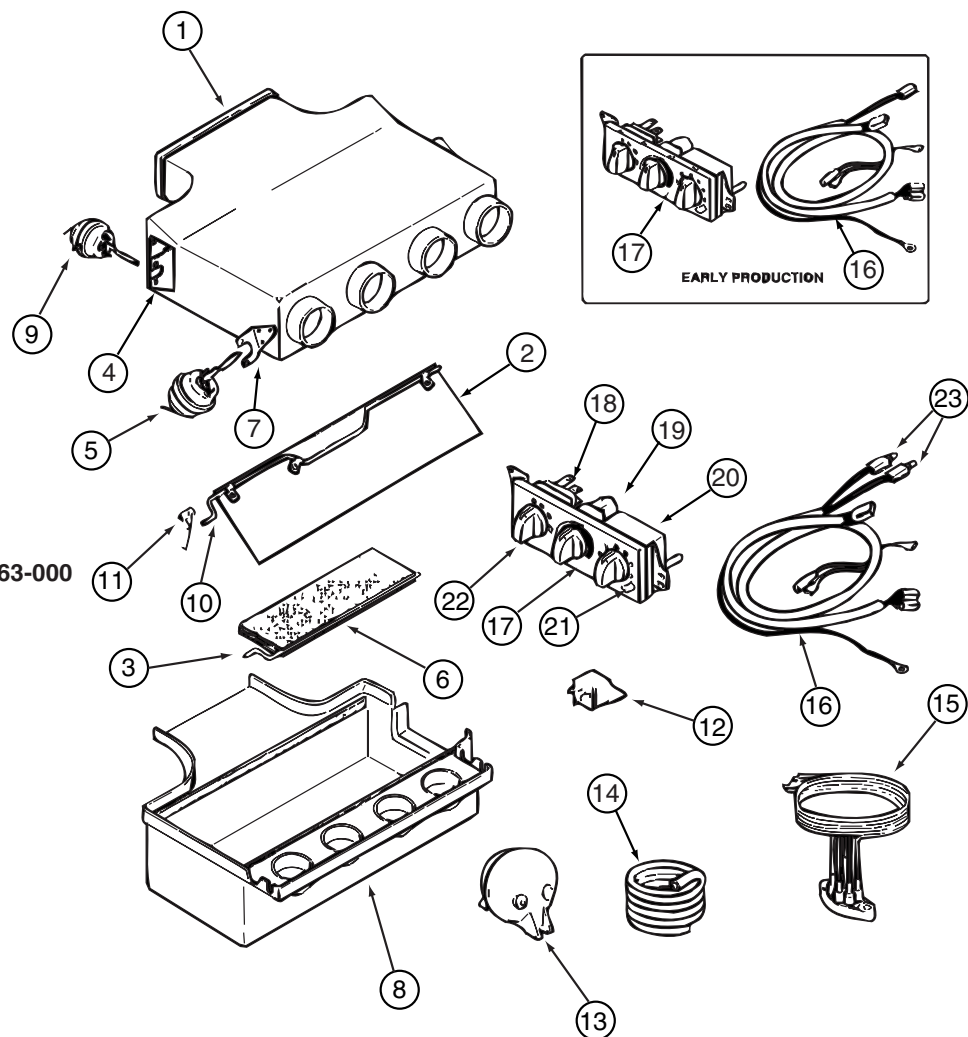
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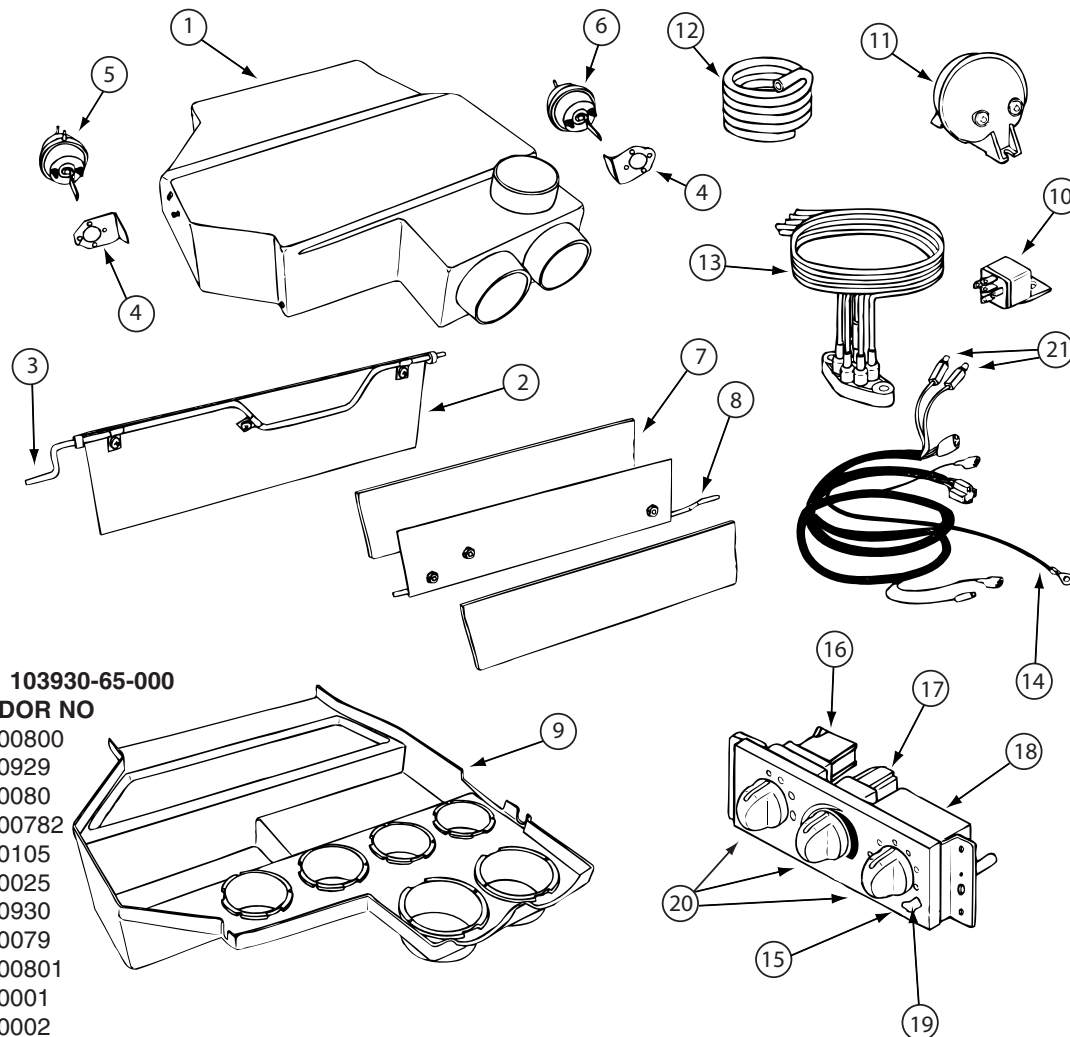
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032-0185

058-00344

062-0620





KEY PART NUMBER

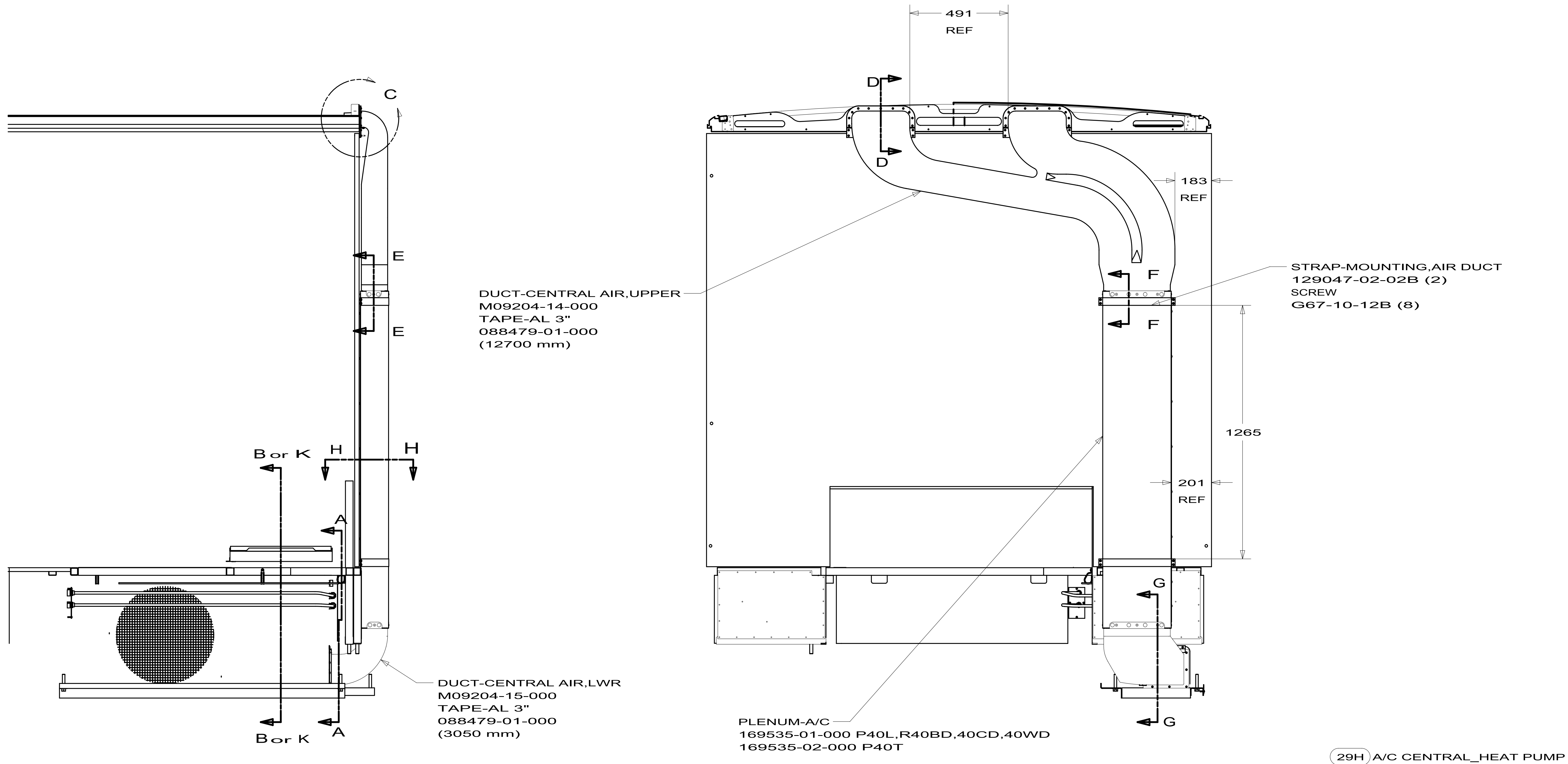
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2	103930-58-701
3	103930-58-702
4	103930-65-703
5	103930-33-701
6	103930-02-708
7	103930-58-703
8	103930-58-704
9	103930-65-701
10	103930-02-707
11	103930-02-710
13	103930-33-703
14	103930-49-701
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17	103930-49-705
18	103930-49-706
19	103930-49-707
20	103930-61-706

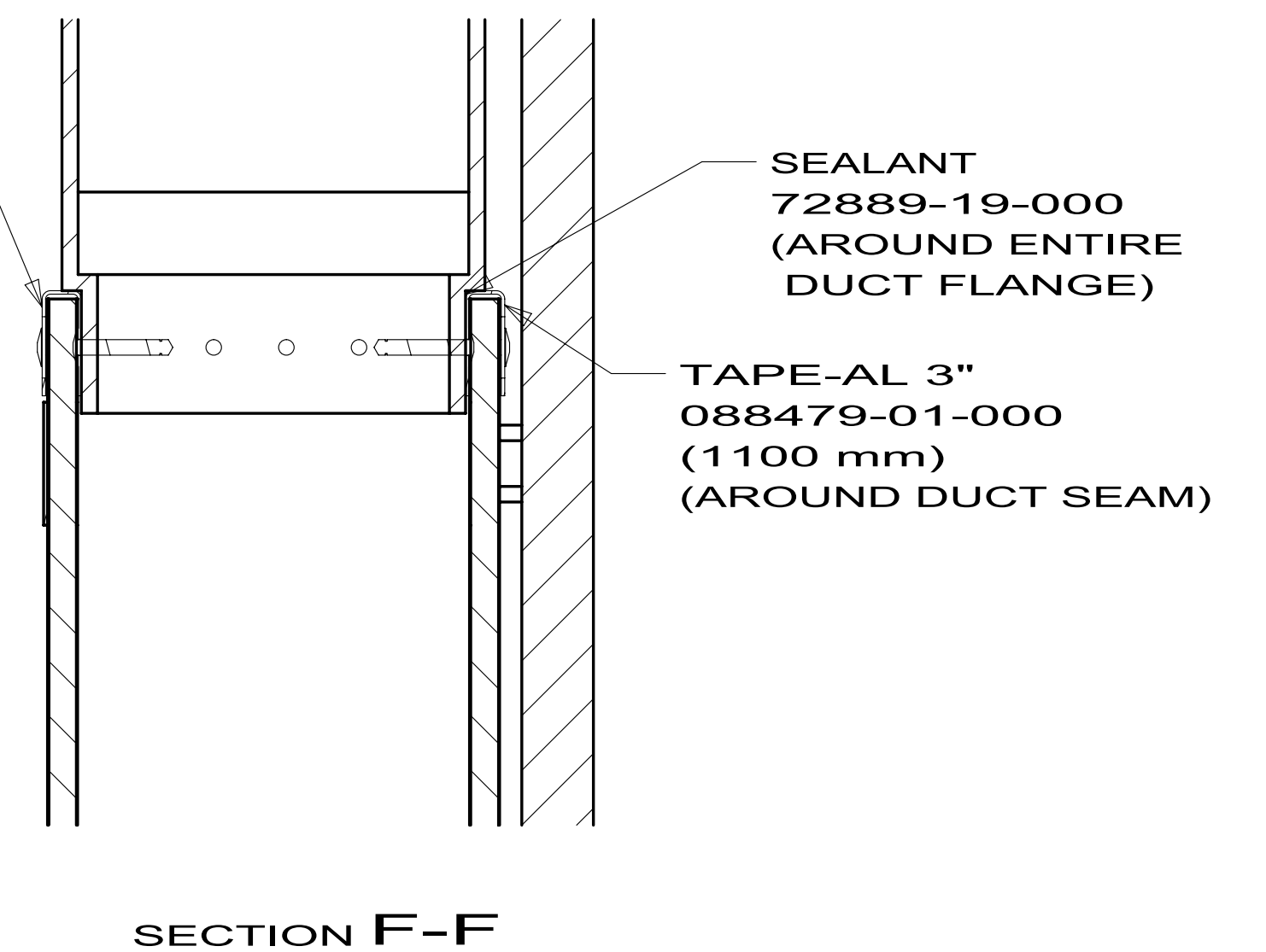
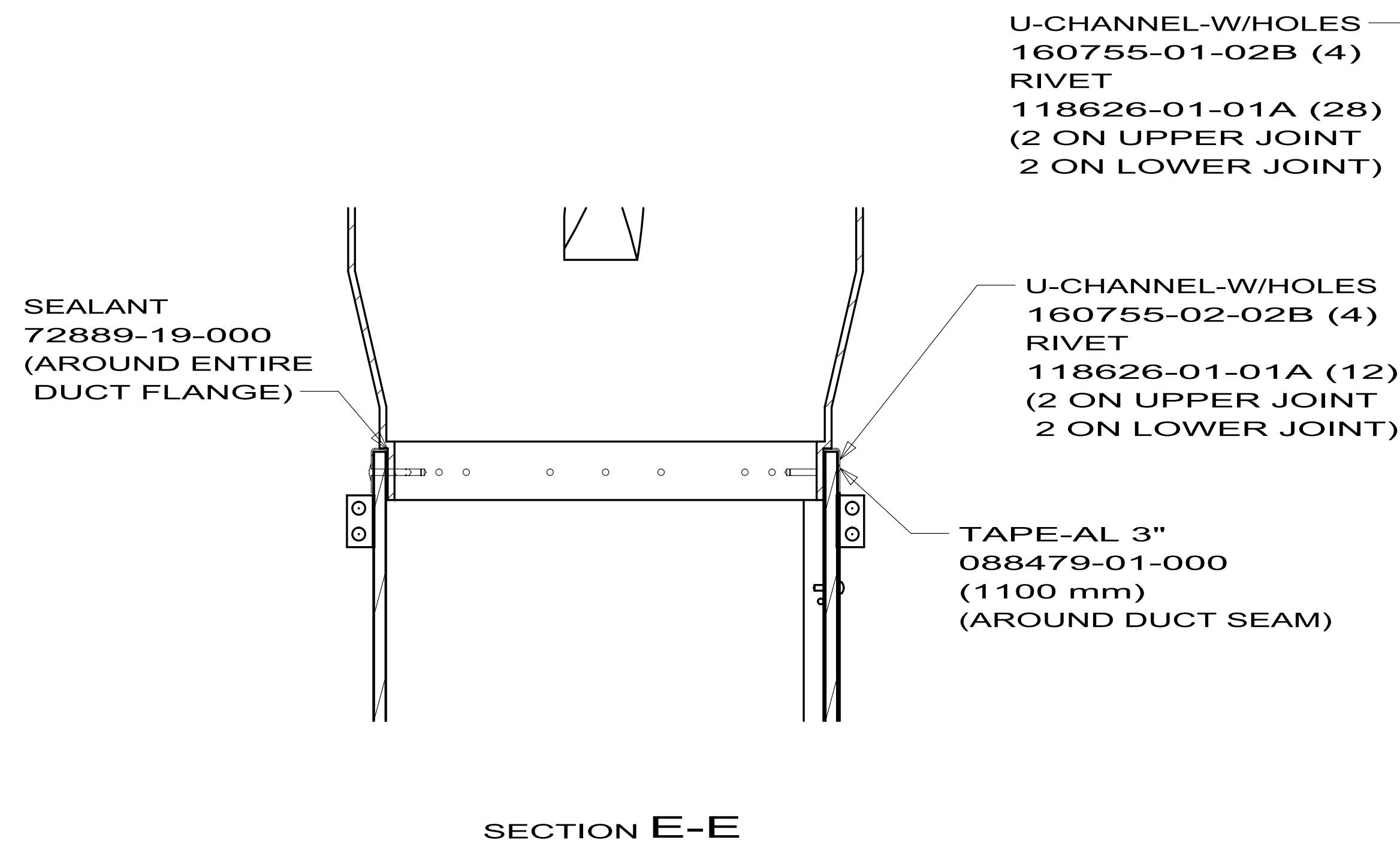
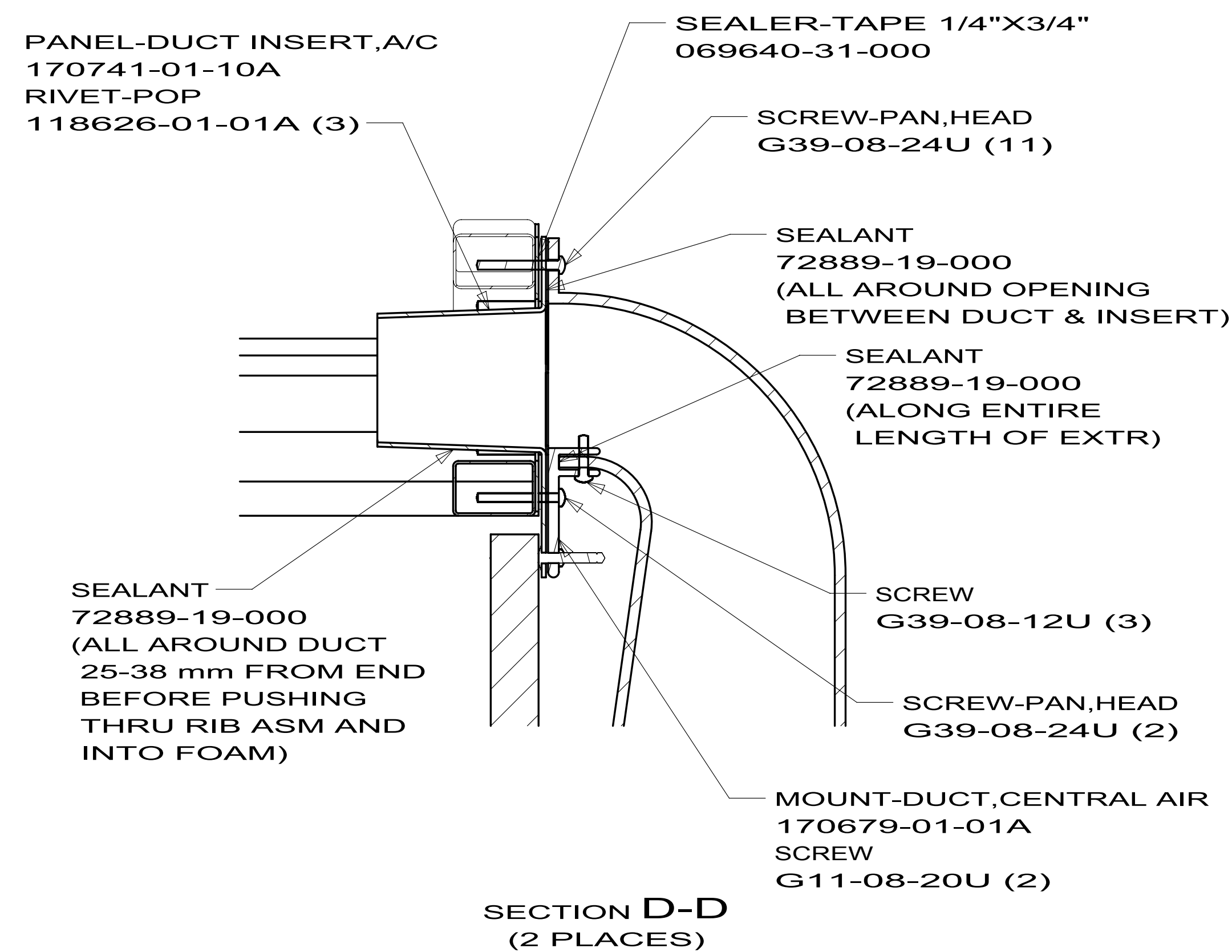
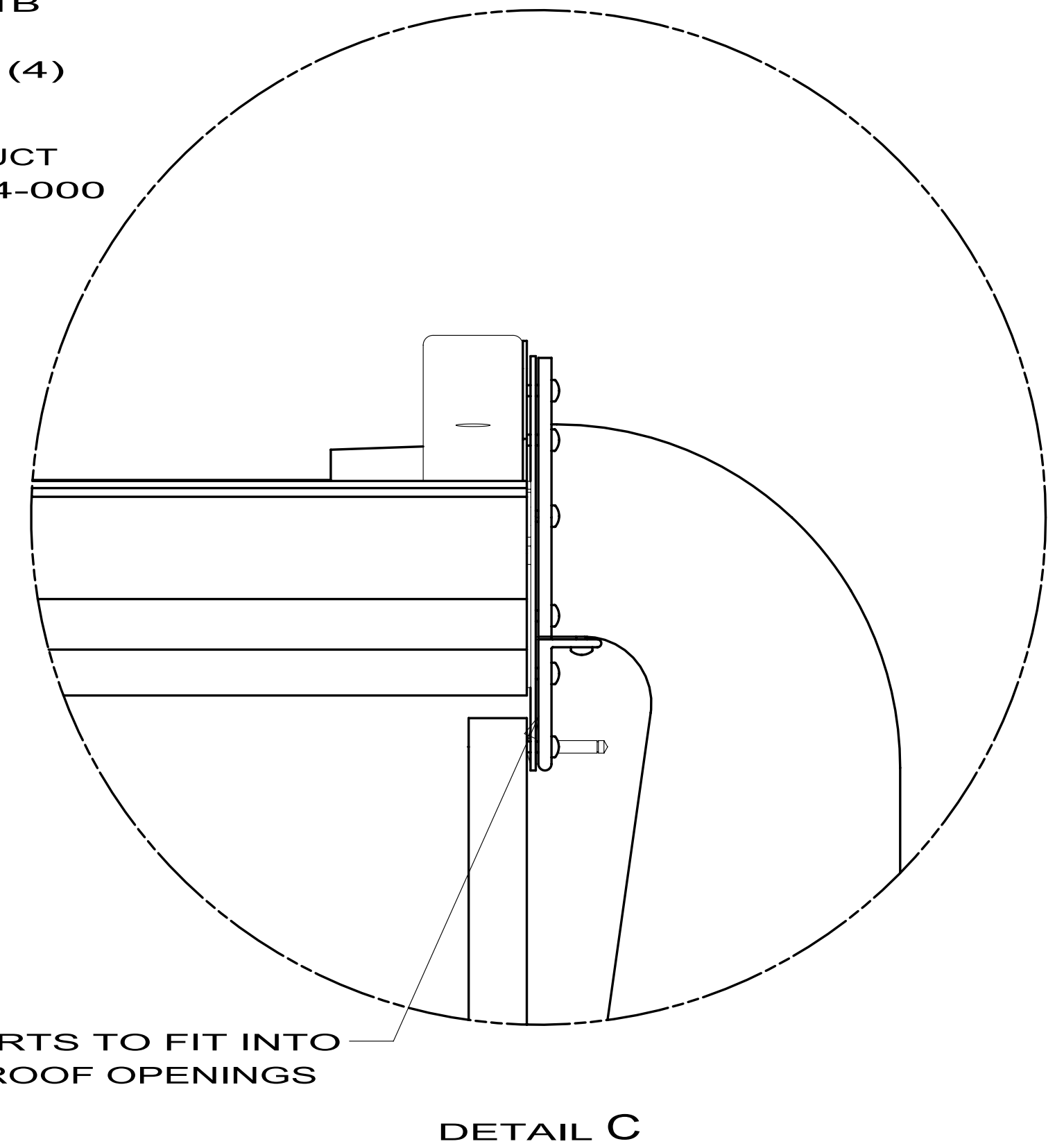
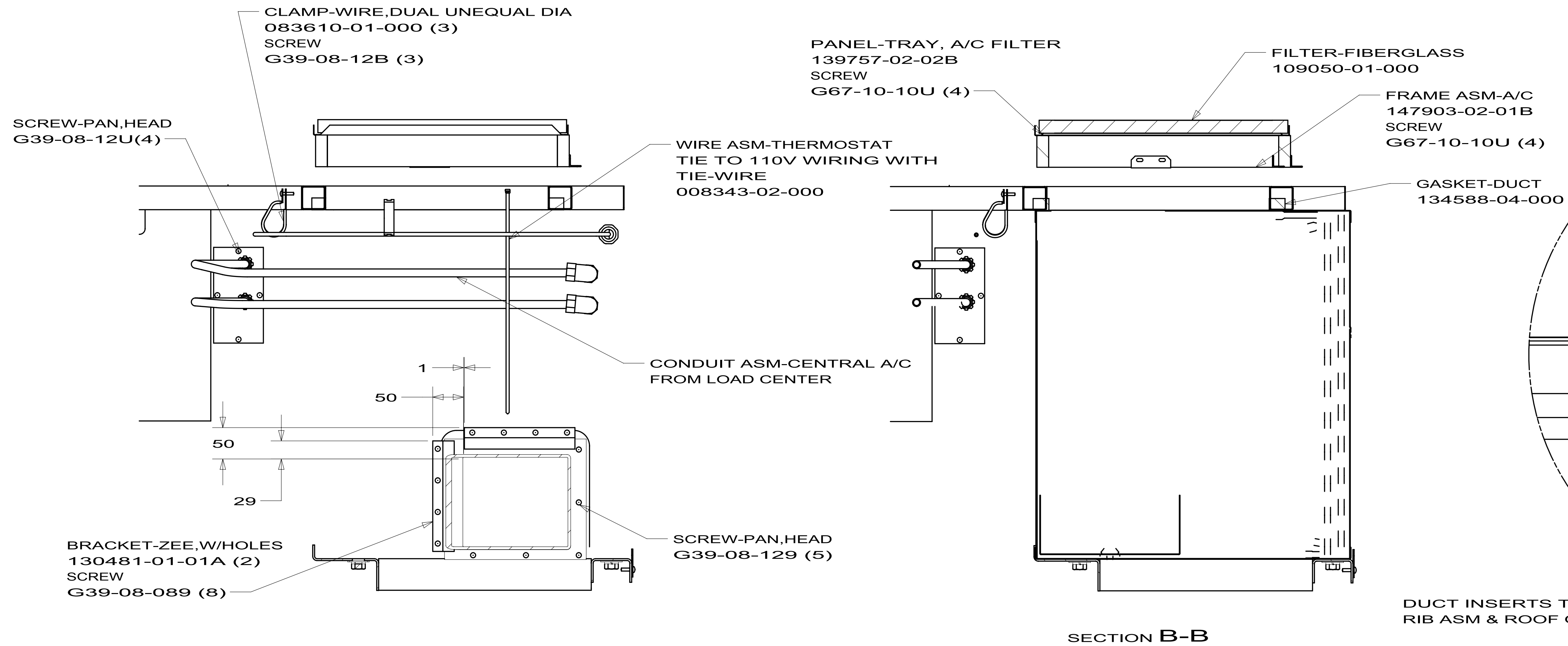
U/M DESCRIPTION

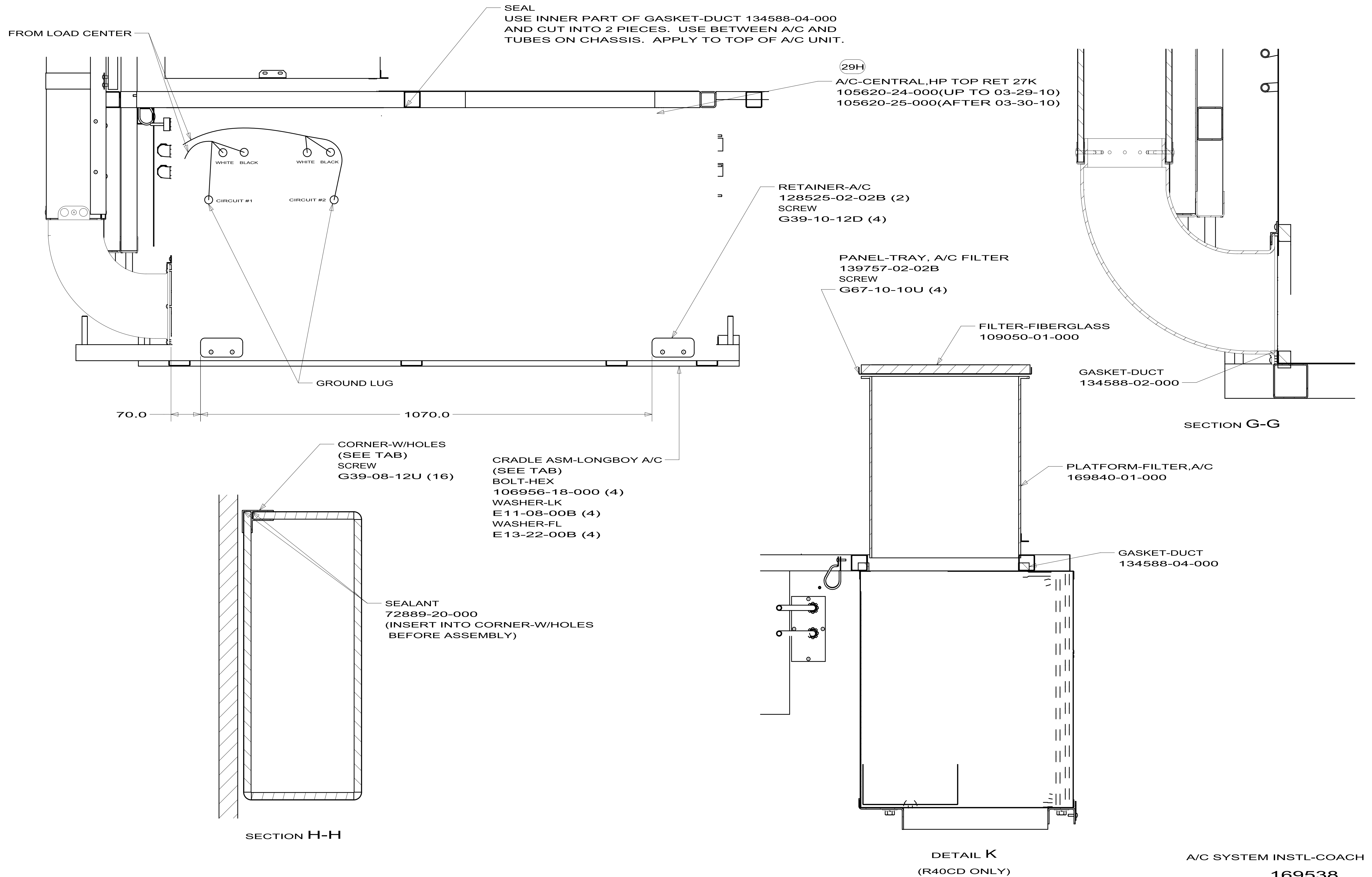
EA	PLENUM - TOP
EA	DOOR/DIVERTOR - DEFROSTER
EA	ROD - DEFROSTER DIVERTOR DR
EA	BRACKET-VACUUM MOTOR
EA	MOTOR - VACUUM, 3 STAGE
EA	MOTOR-VACUUM SERVO, A/C
EA	DOOR/DIVERTOR - A/C-HEAT
EA	ROD - A/C-HEAT DOOR
EA	PLENUM - BOTTOM
EA	RELAY-BOSCH W/RESISTER
EA	CANISTER-VACUUM
EA	VACUUM HARNESS
EA	HARNESS - WIRE W/BULBS
EA	SWITCH - BLOWER
EA	POTENTIOMETER
EA	SWITCH - VACUUM
EA	DECAL CONTROL PANEL-N/RECESS
EA	KNOB - CONTROL

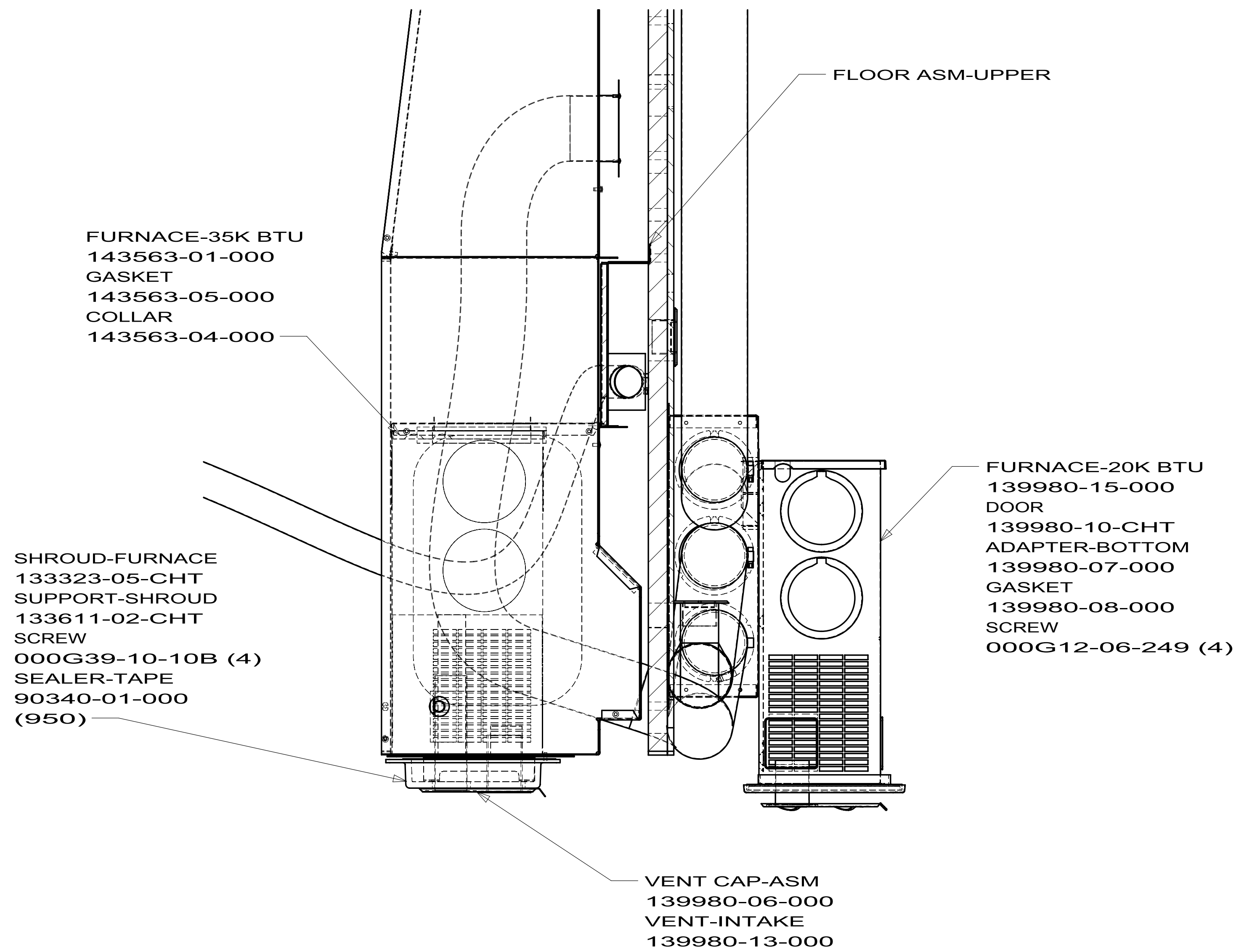
103930-65-000 VENDOR NO

060-00800
071-0929
073-0080
070-00782
030-0105
030-0025
071-0930
073-0079
060-00801
031-0001
054-0002
036-0466
036-0557
032-0332
032-0182
032-0185
058-0144
062-00723

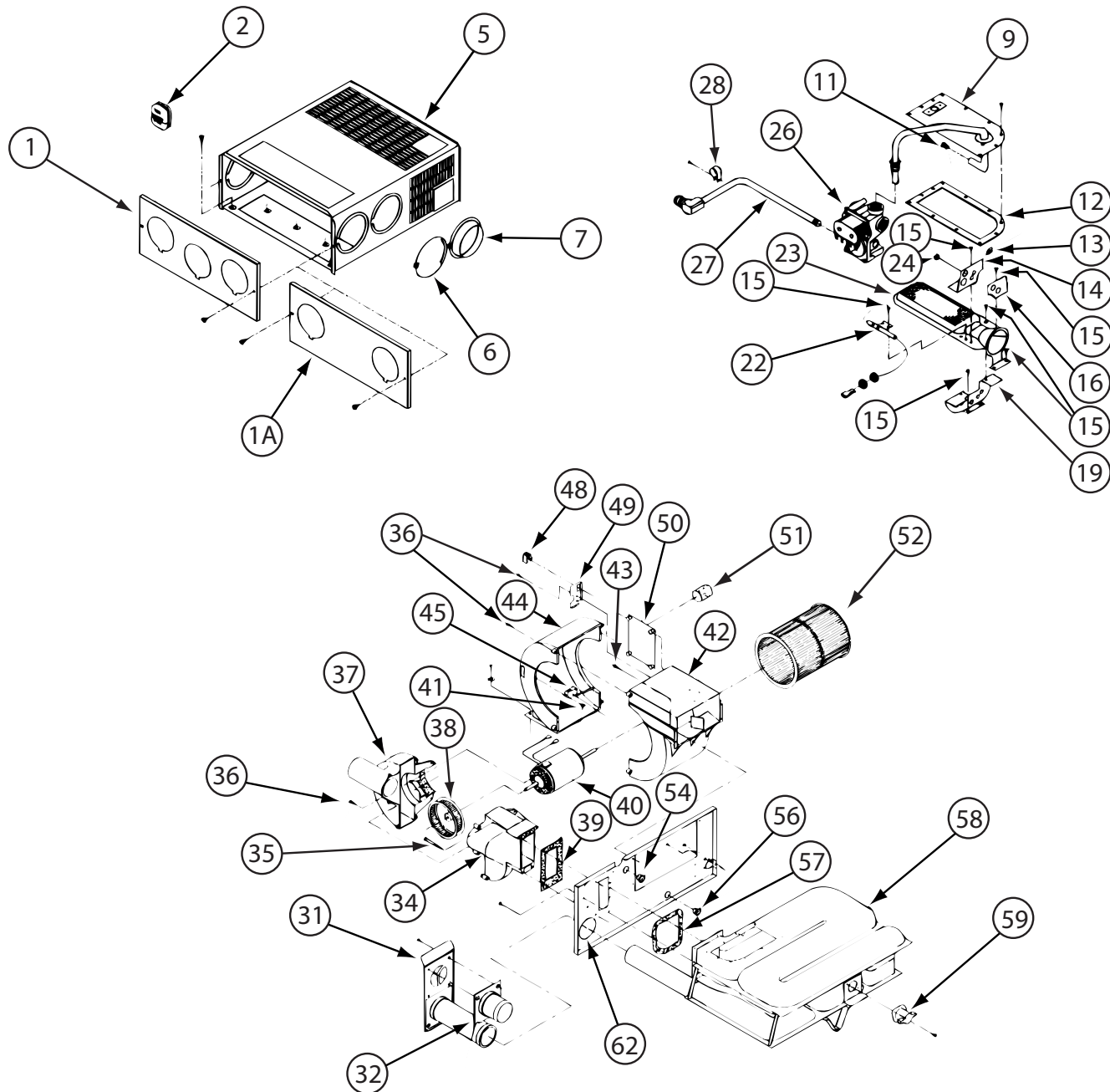






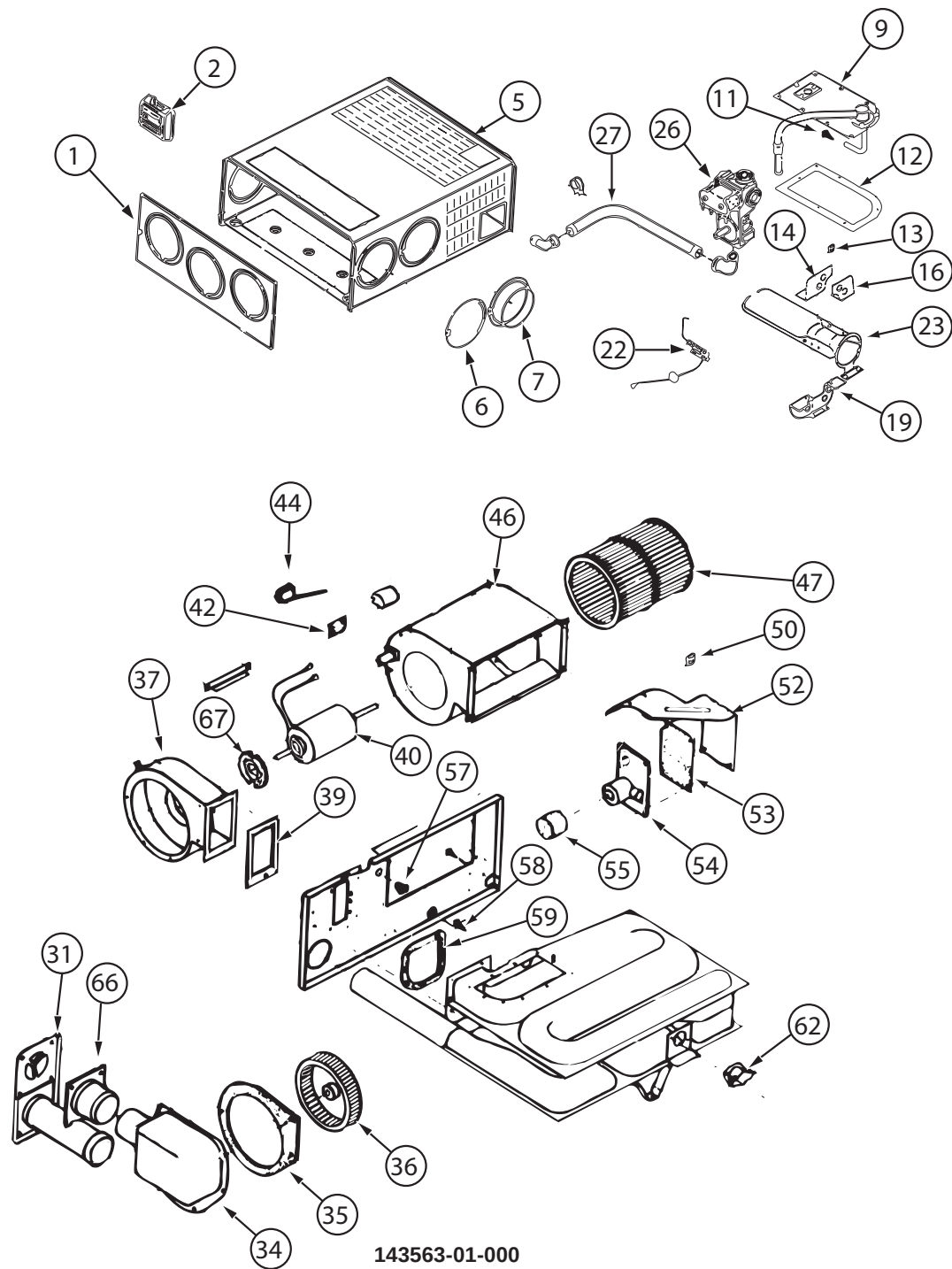


FIRST USED		
10 R40BD		
DO NOT SCALE DRAWING		
TITLE: HEATING SYSTEM INSTL		
SHEET 2	PART NO 169545	REV



139980-15-000

139980-15-000 (CONTNUED)			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
5	098668-20-701	EA CABINET - 30,000	101889
7	075696-02-703	EA COLLAR-DUCT	050715
11	139980-15-703	EA ORFICE - MAIN BURNER	180305
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	139980-15-704	EA BURNER ASSEMBLY	010767
26	098668-01-718	EA VALVE-GAS SF S.N.974903079	161122
31	139980-15-705	EA VENT CAP & EXHAUST TUBE ASM	260553
32	098668-01-713	EA TUBE ASSEMBLY, INTAKE	051248
34	139980-01-703	EA COMBUSTION AIR HOUS FRT/HALF	390852
37	139980-15-701	EA HOUSING/COMB/AIR - REAR/HALF	390849
38	139980-15-702	EA WHEEL-COMBUSTION AIR	350189
39	139980-01-705	EA GASKET/FIREWALL-COMB AIR	071084
40	139980-01-706	EA MOTOR ASSEMBLY W/GASKET	232682
42	139980-02-701	EA BLOWER ASM-1/2 HOUSING/INNER	390872
44	139980-02-700	EA BLOWER ASM-1/2 HOUSING/OUTER	390851
45	098668-21-700	EA SWITCH-MICRO-W/O FLAG 3 1/4"	232261
48	139980-01-710	EA SWITCH - ON/OFF	232351
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
59	139980-15-700	EA SWITCH - LIMIT	232503
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENTS			



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)	