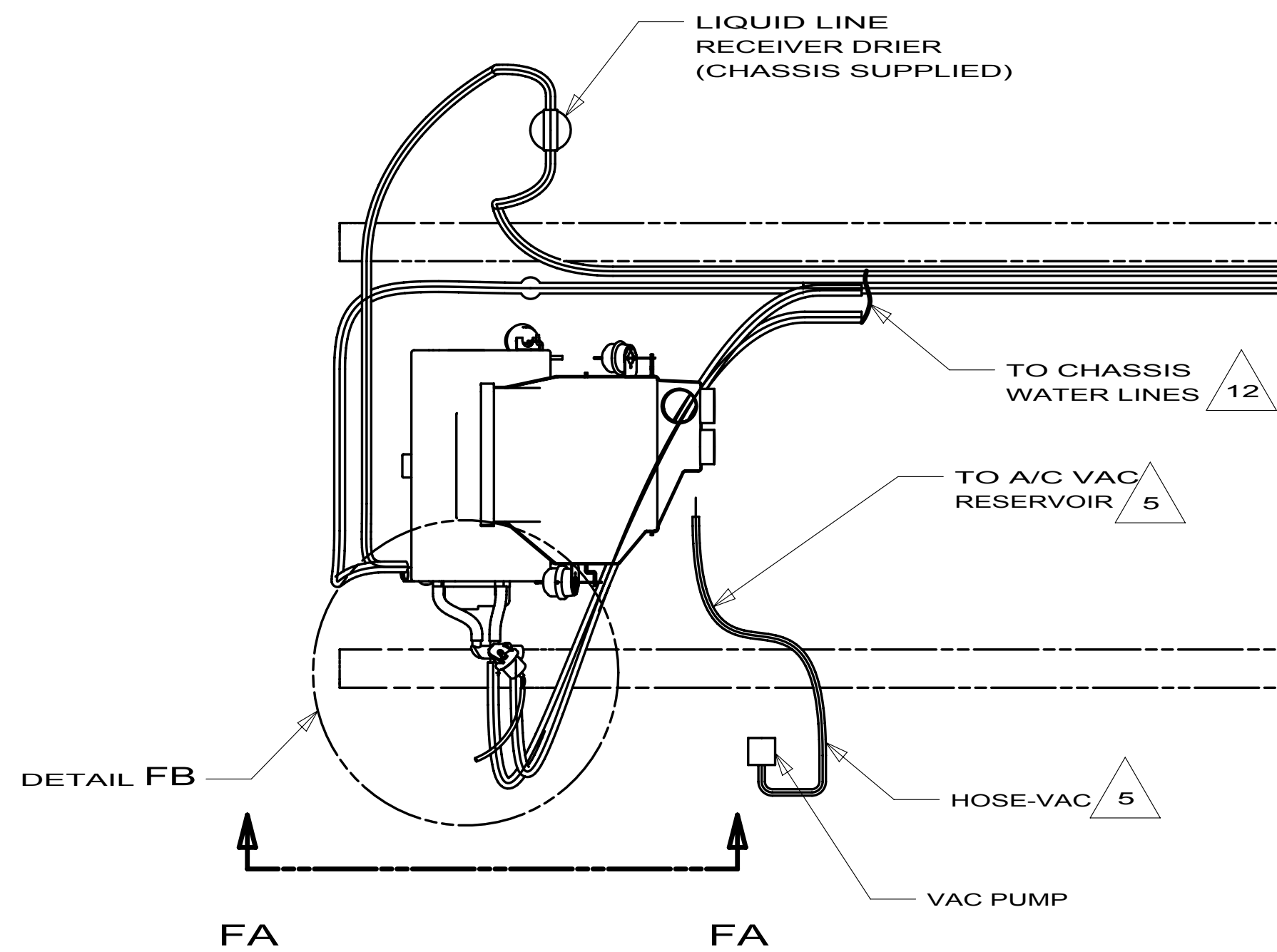
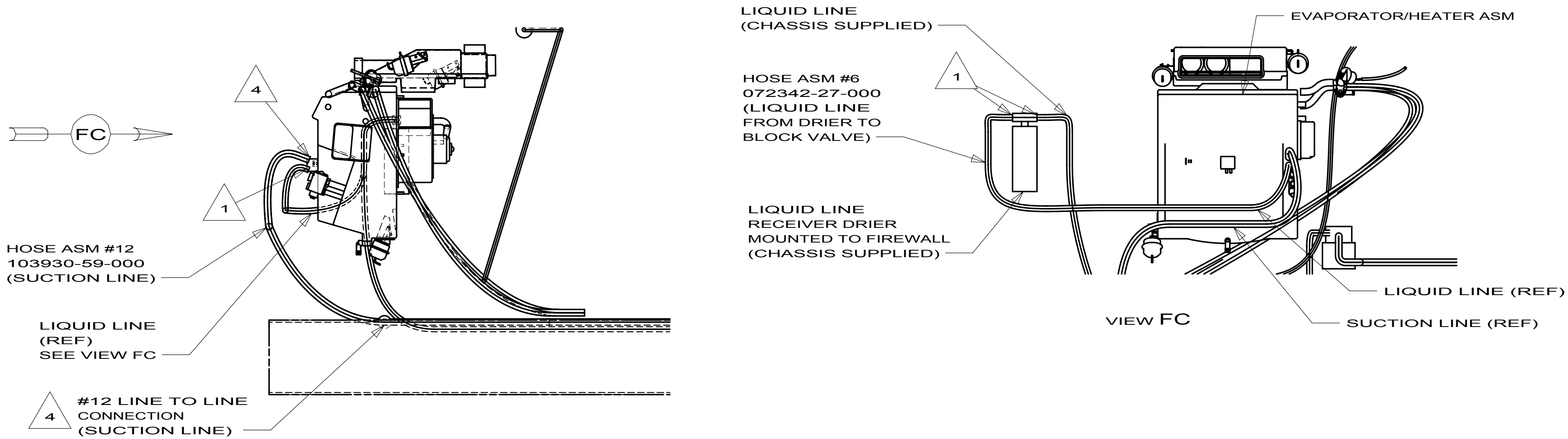




12. SEE MOTORAIID INSTL FOR ADDITIONAL INFORMATION.

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.

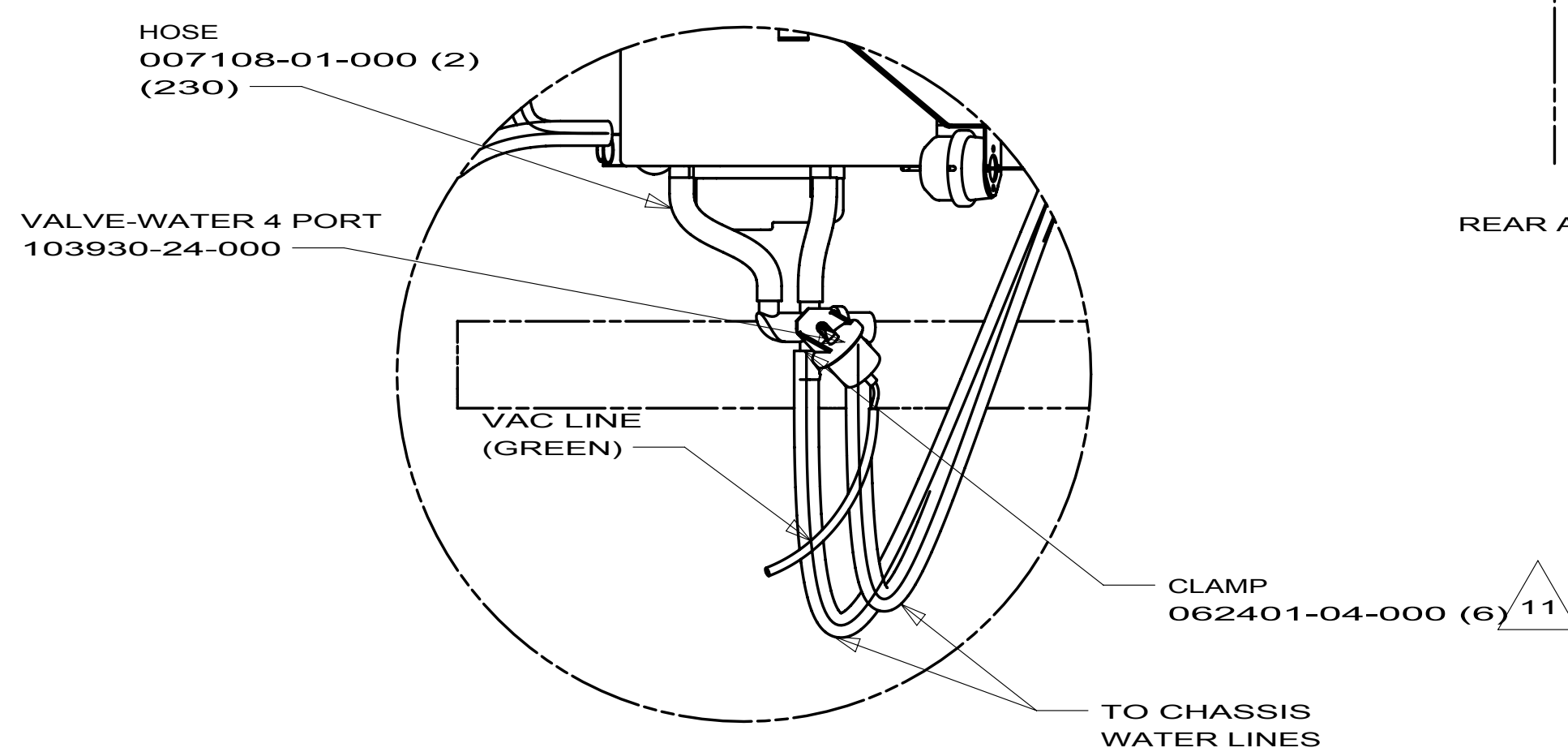
5. SUPPLIED WITH A/C-HEATER

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.

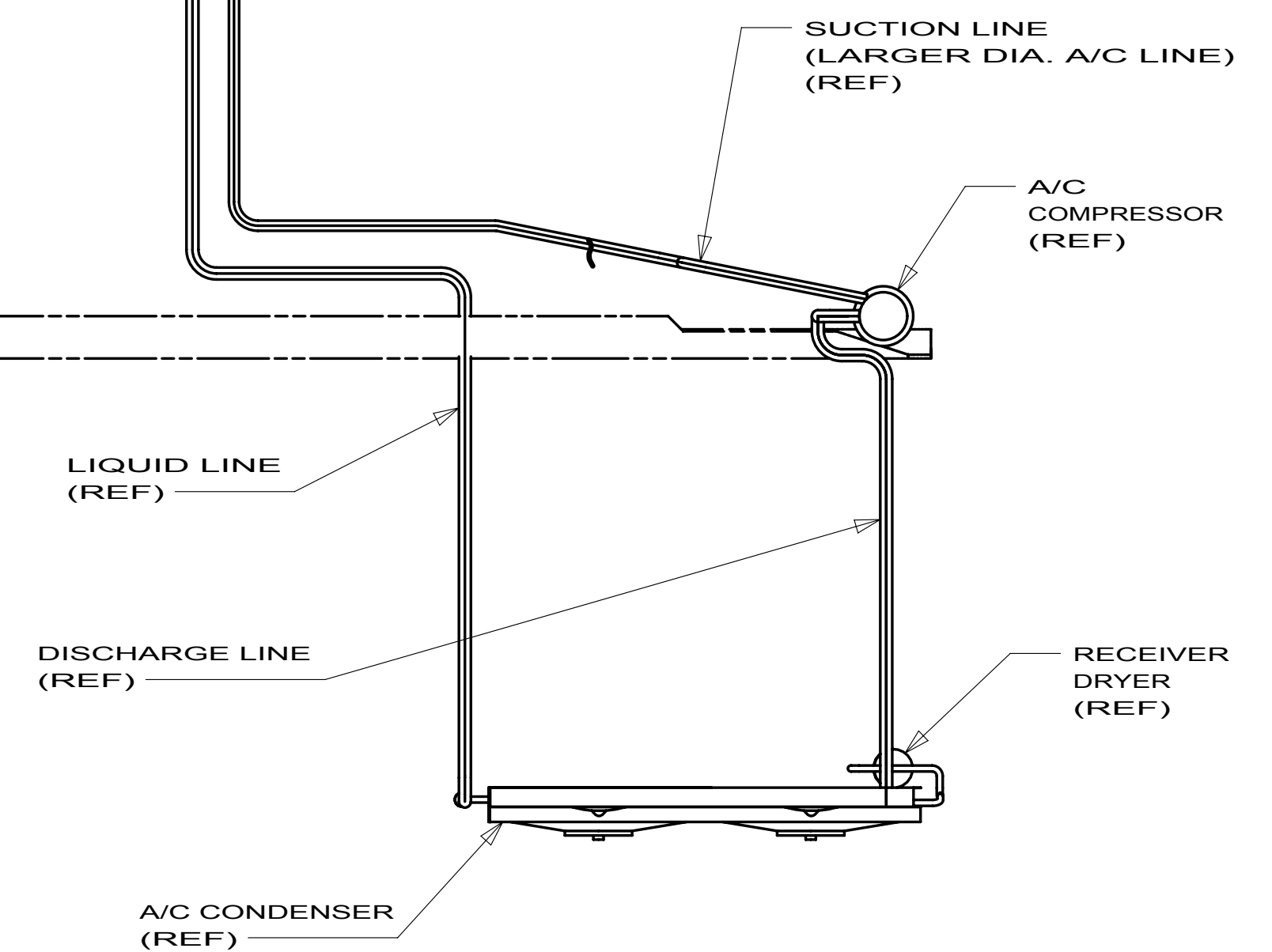
1. TORQUE TO 11-13 FT/LBS



REAR AXLE

REAR AXLE

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



1BW WTR HTR-10GL/16OUTPUT/MTRAIID

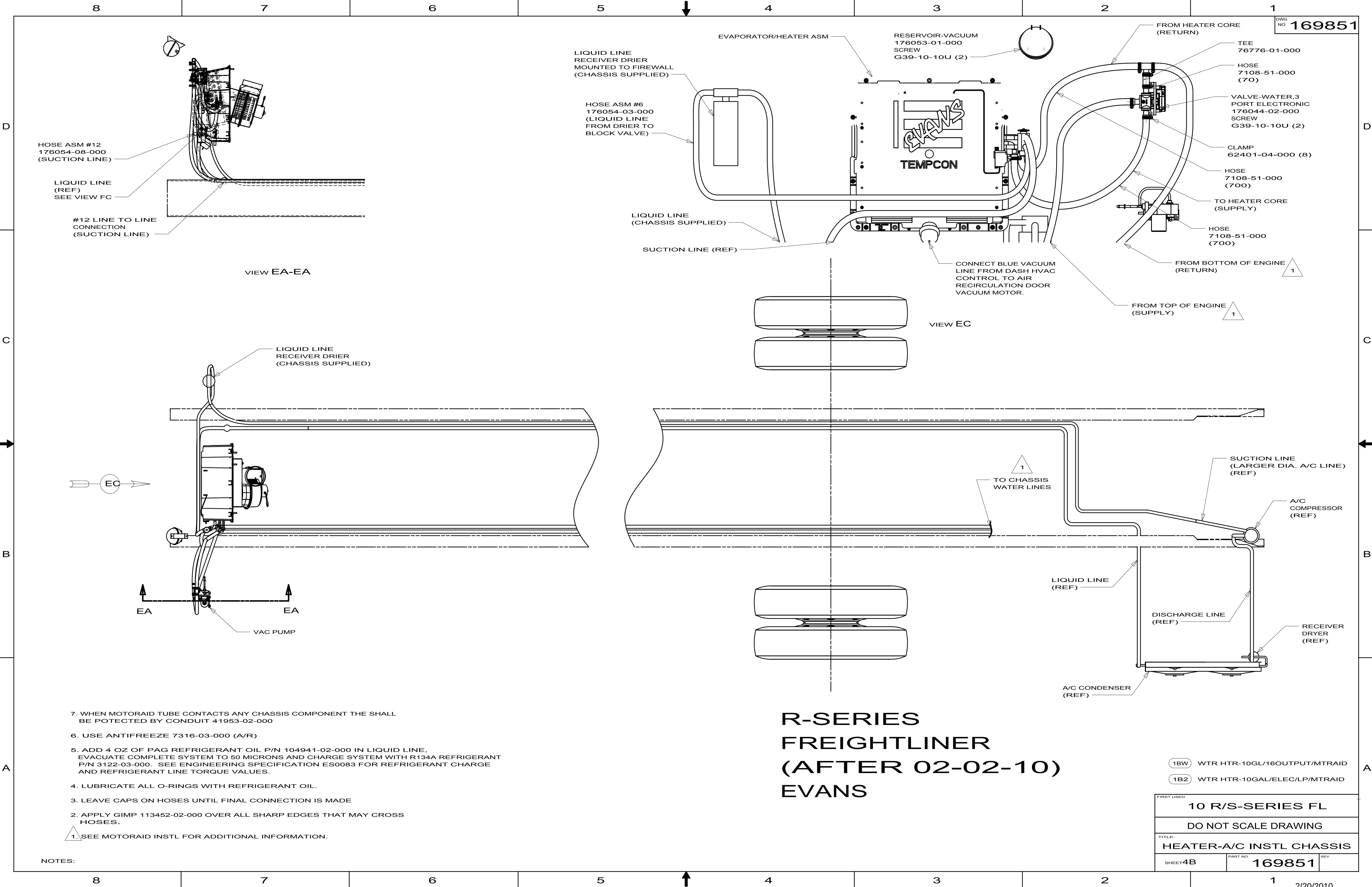
1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID

HEATER-A/C INSTL CHASSIS

4A

169851

NOTES:



DWG NO 169851

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

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

- 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

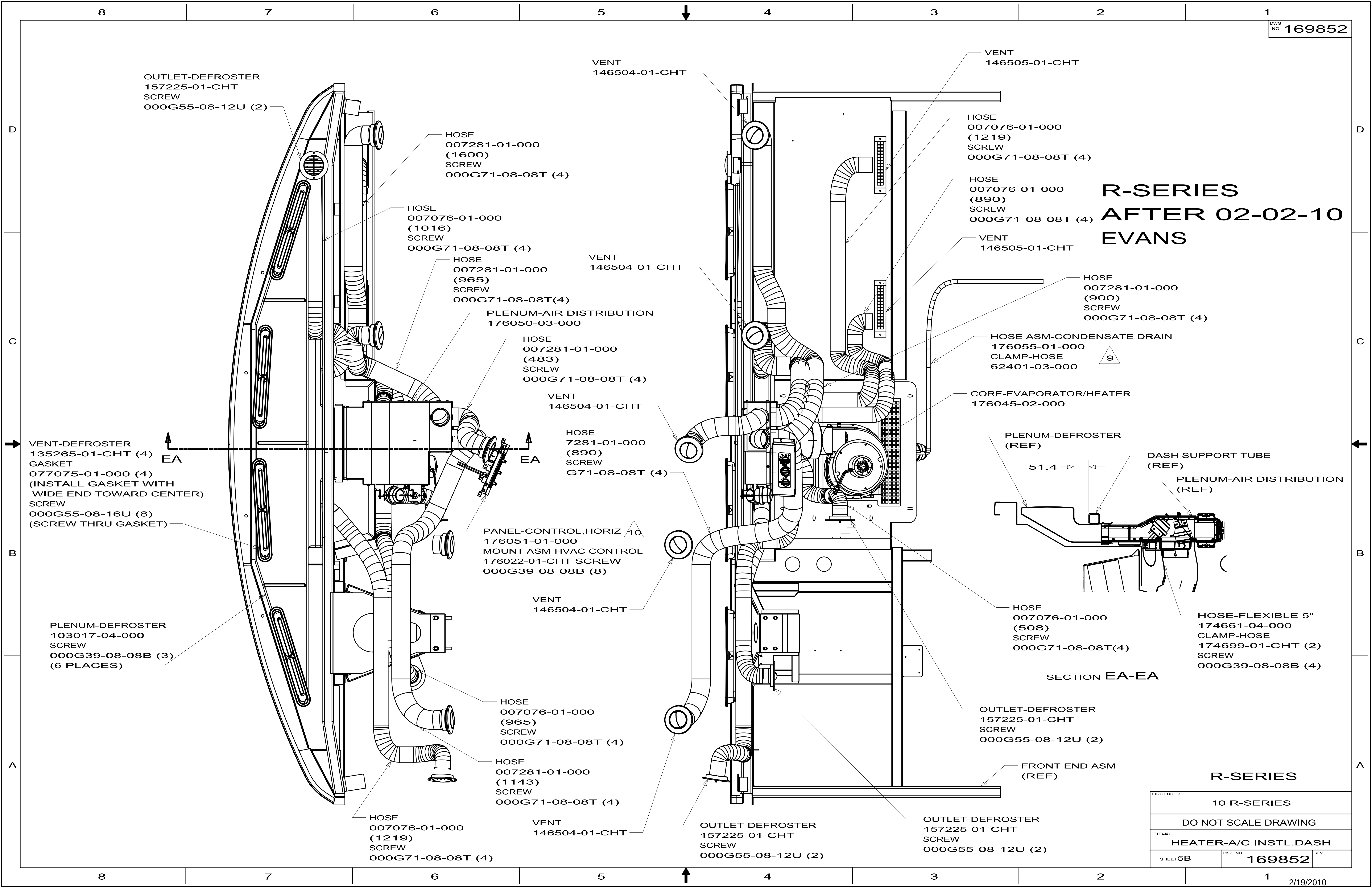
EA

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	REV
	169852	

R-SERIES AFTER 02-02-10 EVANS



R-SERIES

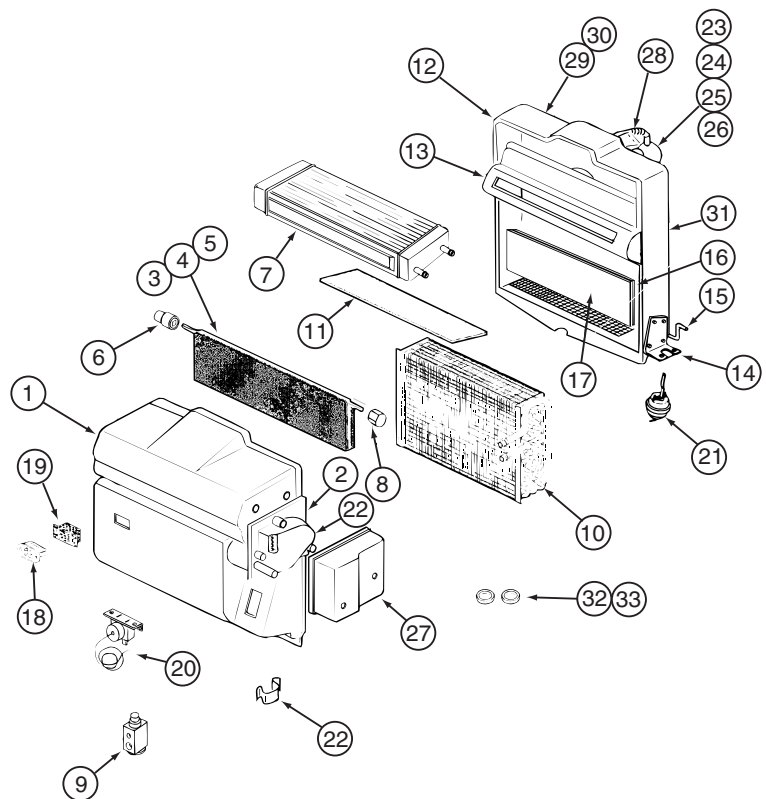
FIRST USED		
10 R-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET5B	PART NO 169852	REV

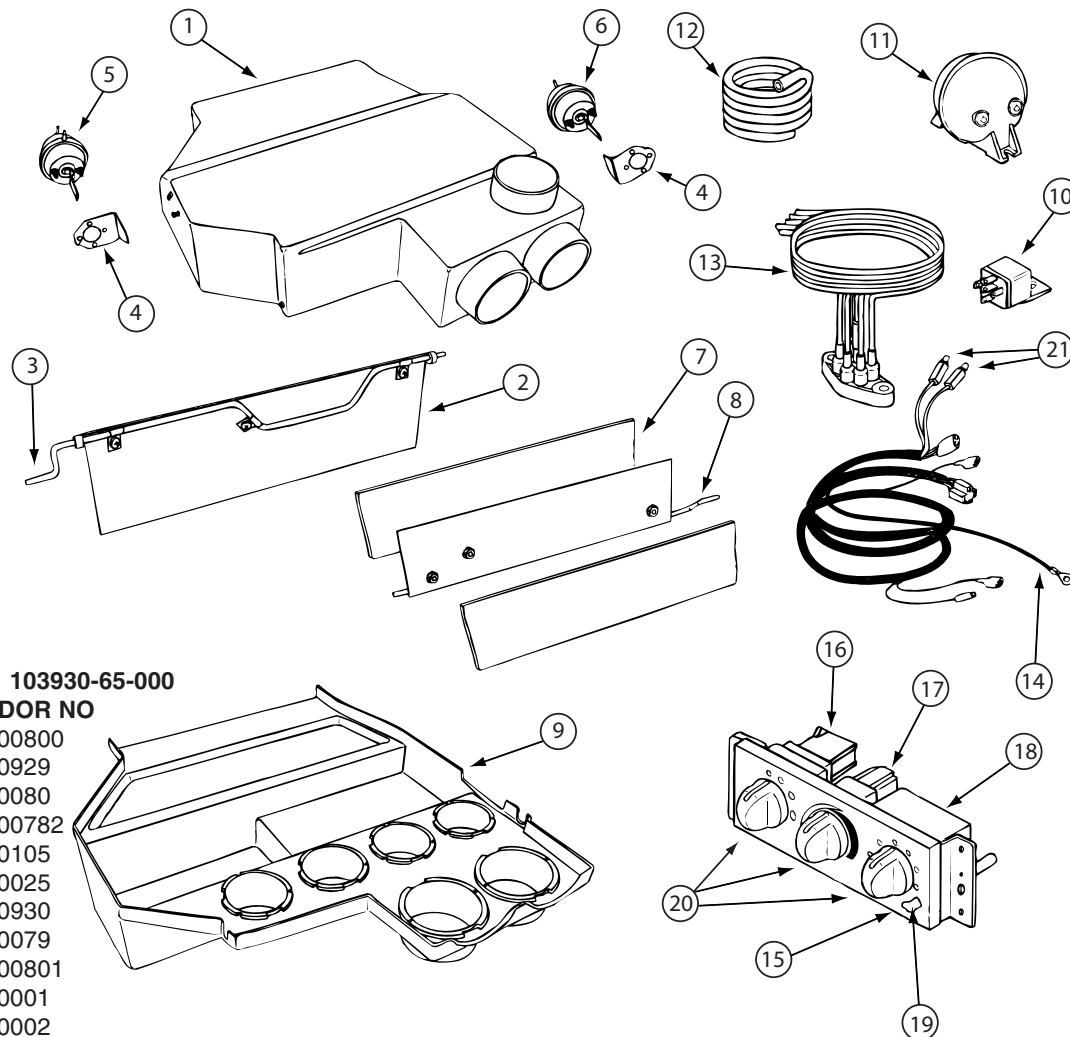
KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

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

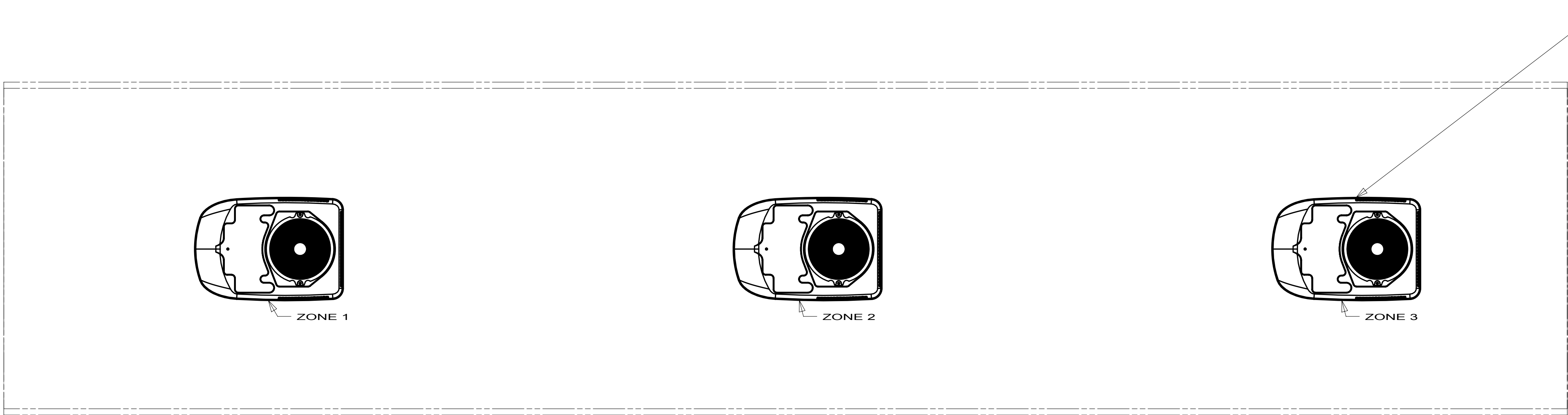
1	103930-65-700
2	103930-58-701
3	103930-58-702
4	103930-65-703
5	103930-33-701
6	103930-02-708
7	103930-58-703
8	103930-58-704
9	103930-65-701
10	103930-02-707
11	103930-02-710
13	103930-33-703
14	103930-49-701
16	103930-49-704
17	103930-49-705
18	103930-49-706
19	103930-49-707
20	103930-61-706

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

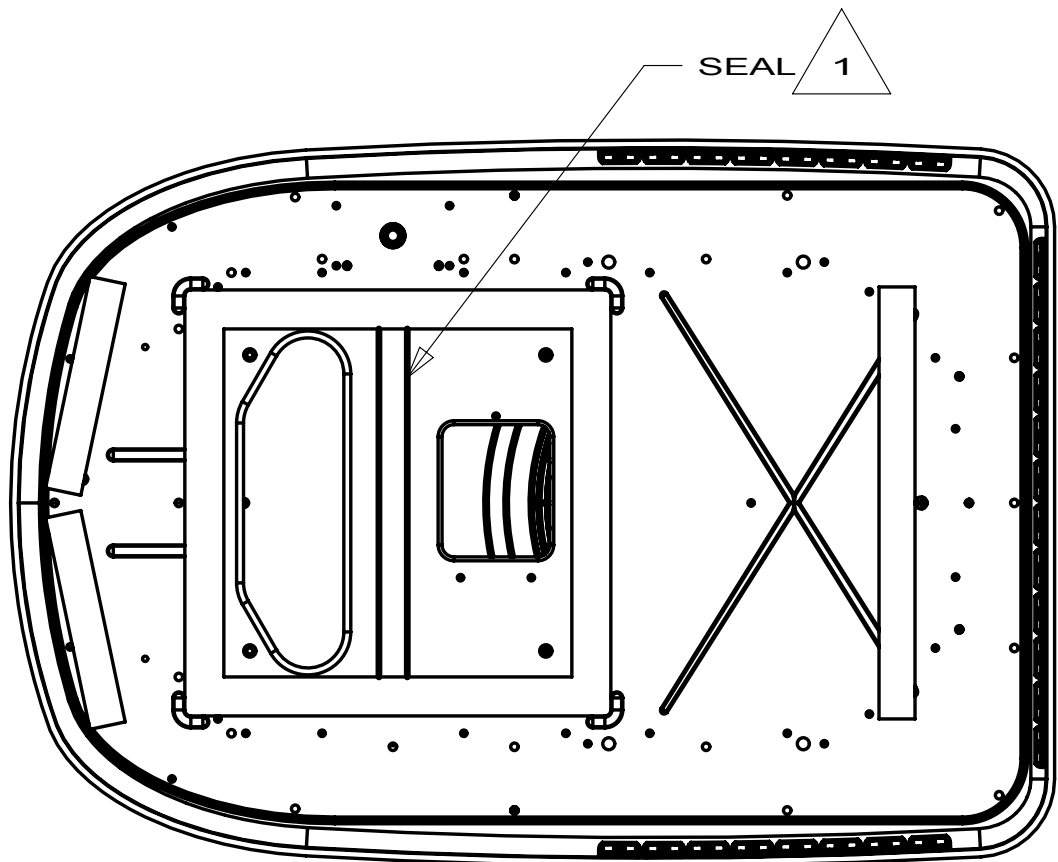
103930-65-000 VENDOR NO

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



- AIR CONDITIONER
148644-03-02A (3) (UP TO 01-14-10)
148644-06-02A (3) (AFTER 01-15-10)
- CLAMP
062401-03-000 (3)
(FOR CONDENSATE LINE)
- CONTROL BOX-ZONE
171188-01-000 (3)
- BOLT
000C26-04-40F (12)
- WASHER-SEALING
106649-01-000 (12)
- SEAL
169992-01-01A (360 MM) (3)
SEE DETAIL FB

169863-06
R-SERIES



DETAIL FB

- 297 A/C ROOF-THREE 13,500 BTU
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265 297

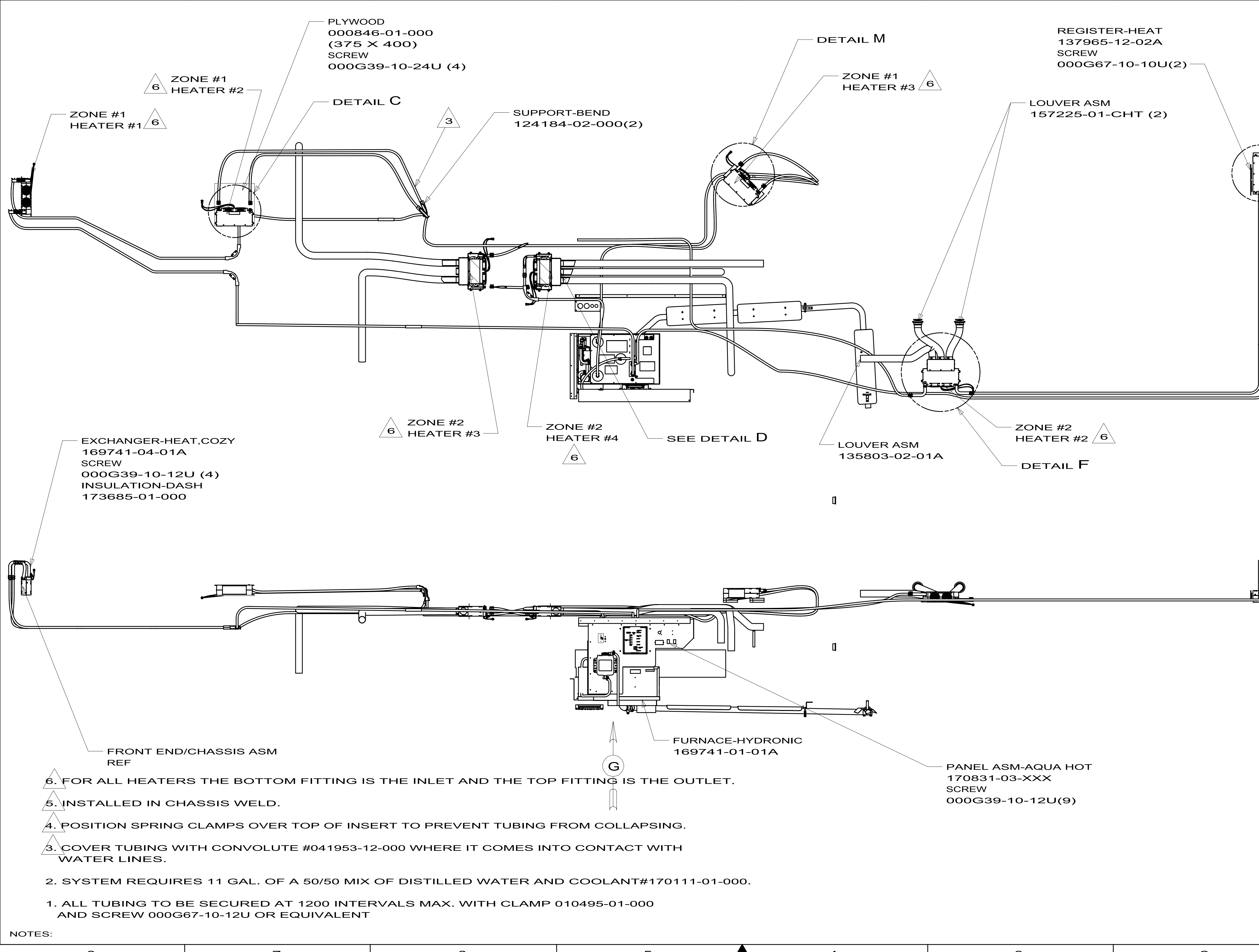
10 MOTORHOMES

WIRING INSTL-ROOF A/C

1 CLEAN AND APPLY ADHESIVE PROMOTER 900680-04-000 TO A/C PAN BEFORE INSTALLATION OF SEAL.

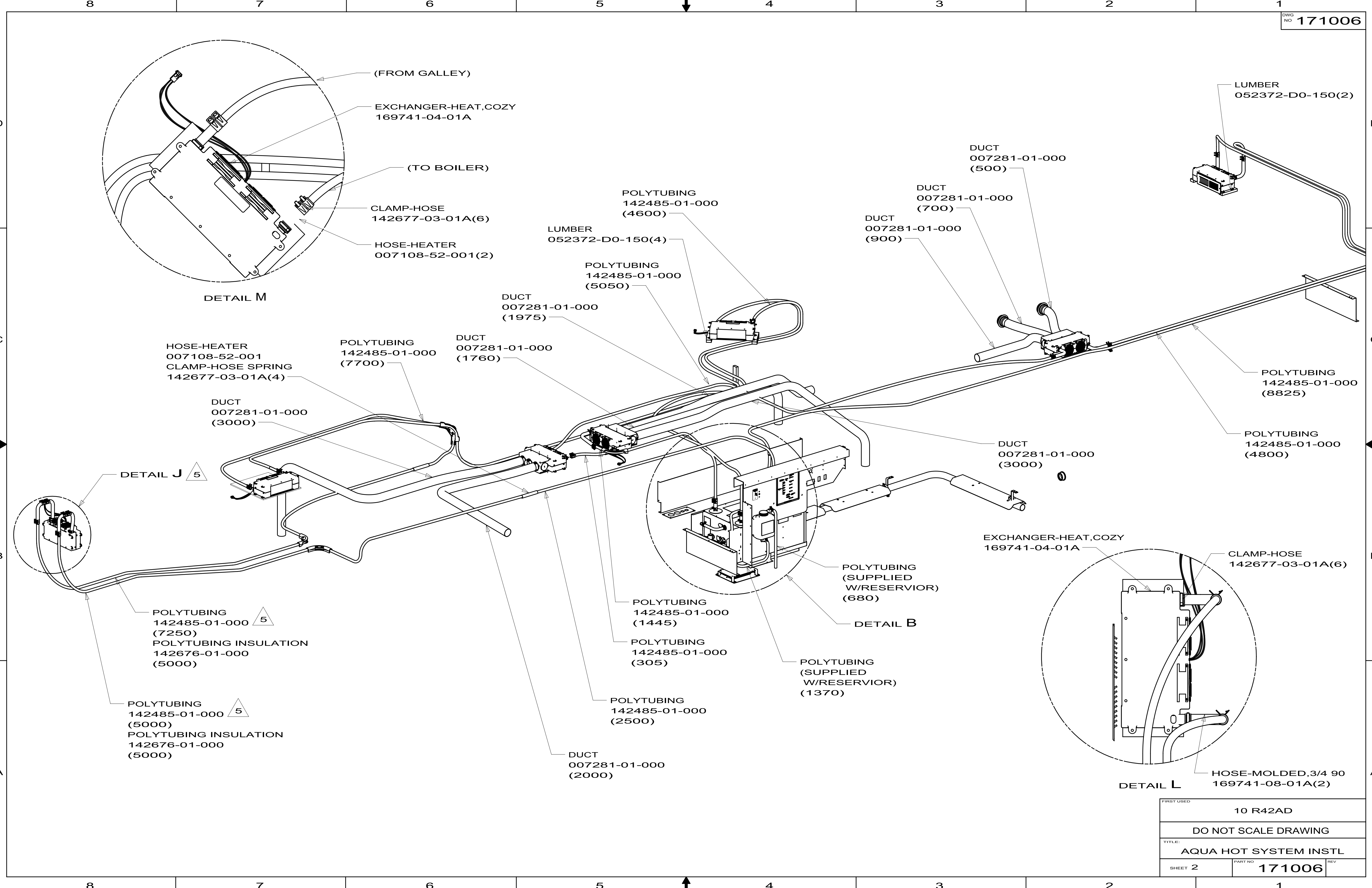
NOTES:

FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

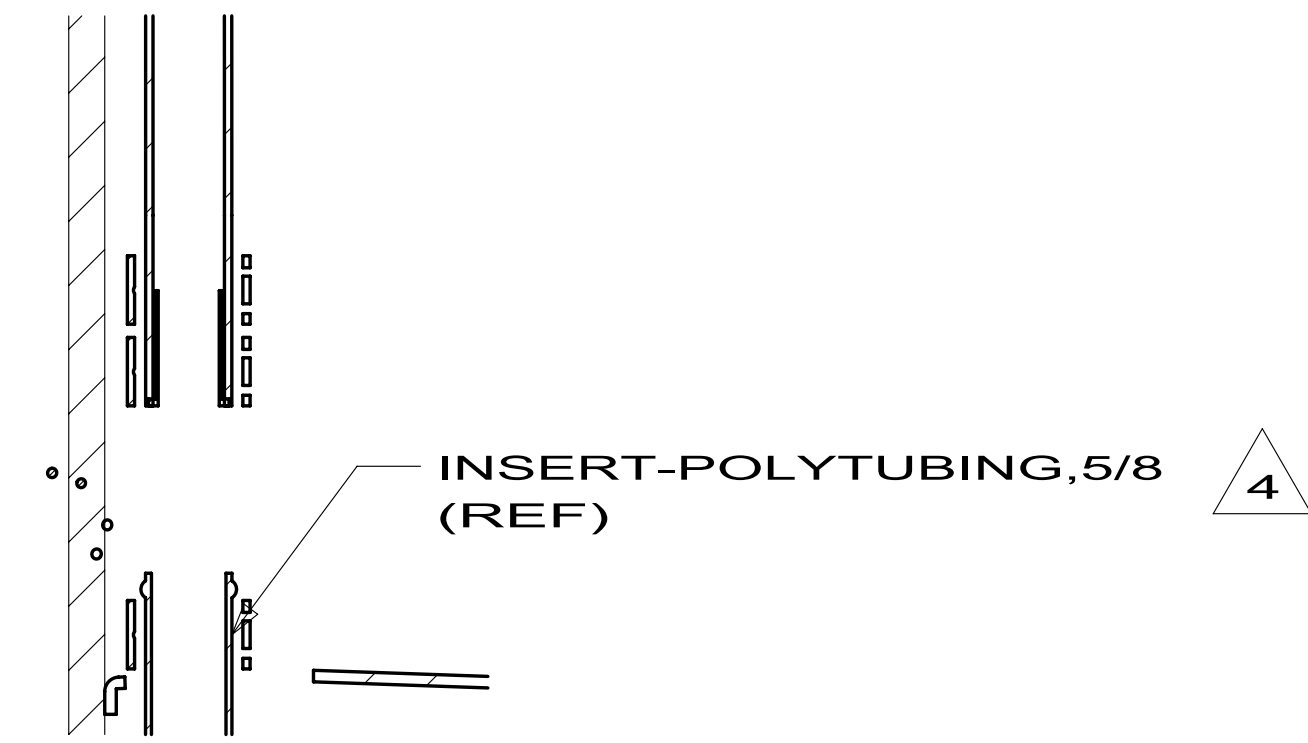
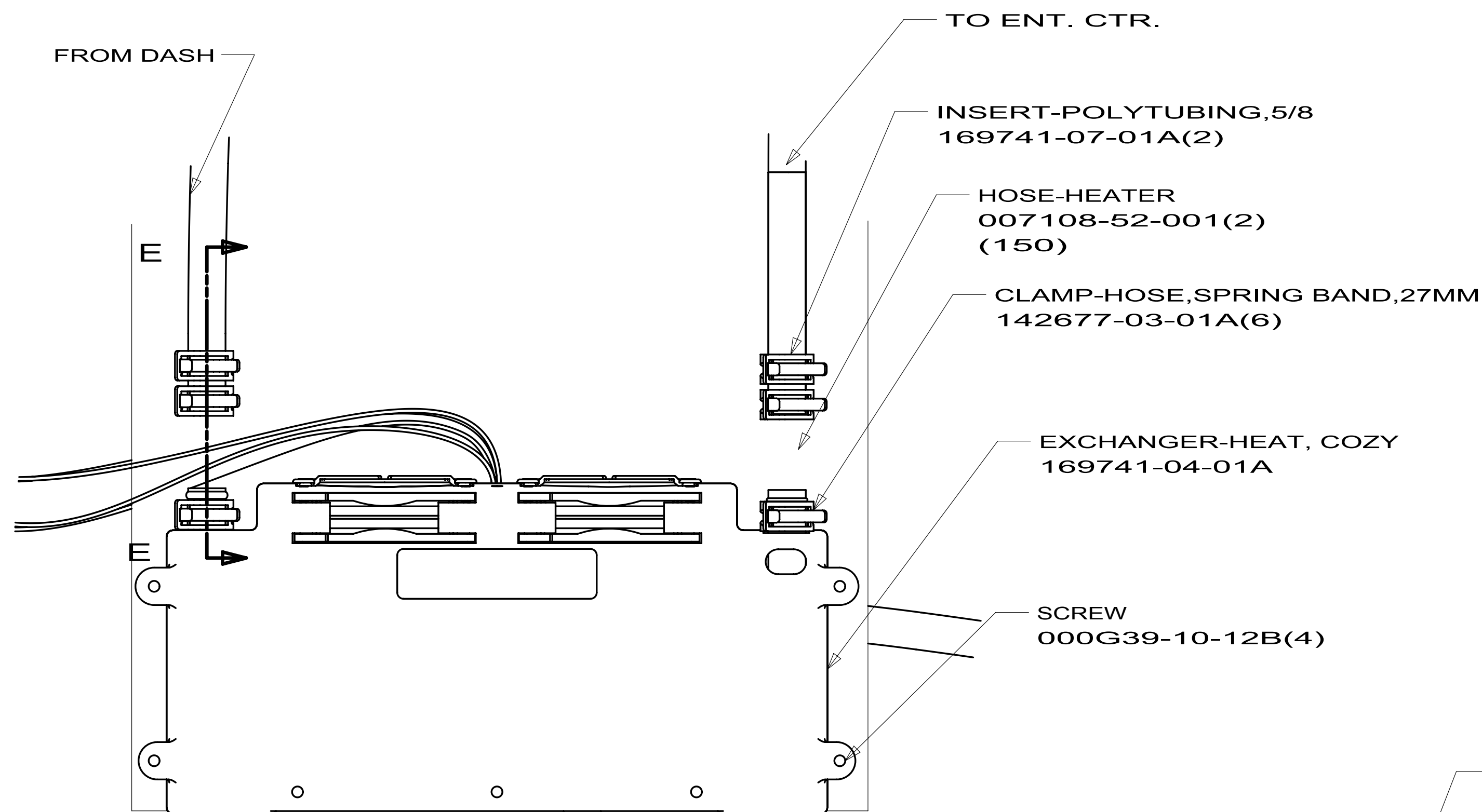


- NOTES:
1. ALL TUBING TO BE SECURED AT 1200 INTERVALS MAX. WITH CLAMP 010495-01-000 AND SCREW 000G67-10-12U OR EQUIVALENT
 2. SYSTEM REQUIRES 11 GAL. OF A 50/50 MIX OF DISTILLED WATER AND COOLANT#170111-01-000.
 3. COVER TUBING WITH CONVOLUTE #041953-12-000 WHERE IT COMES INTO CONTACT WITH WATER LINES.
 4. POSITION SPRING CLAMPS OVER TOP OF INSERT TO PREVENT TUBING FROM COLLAPSING.
 5. INSTALLED IN CHASSIS WELD.
 6. FOR ALL HEATERS THE BOTTOM FITTING IS THE INLET AND THE TOP FITTING IS THE OUTLET.

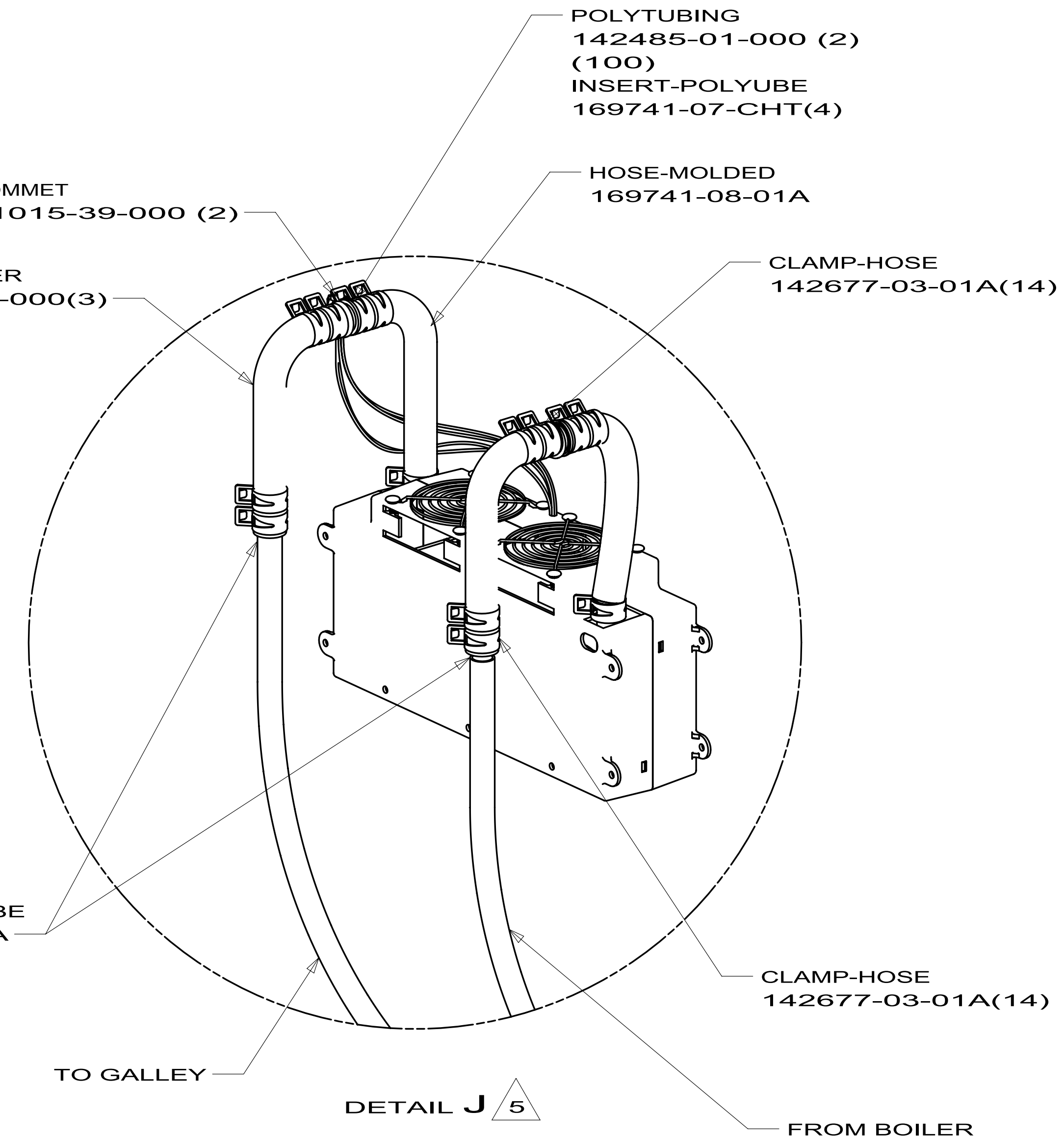
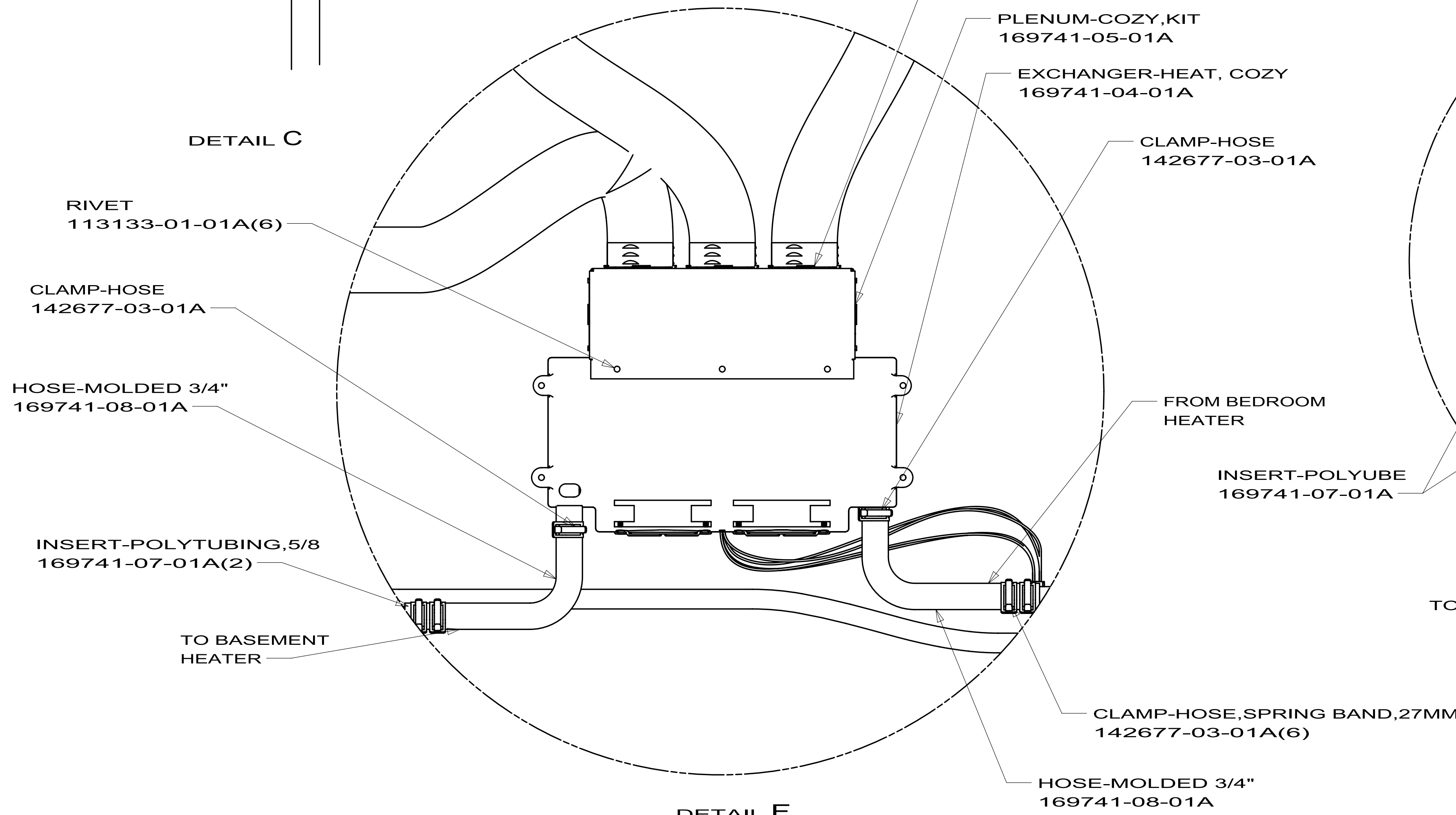
WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHRR			
P.E.			
M.E.	FIRST USED		
DSNR	10 R42AD		
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 1 OF 6	PART NO	171006	REV
REF:		1	



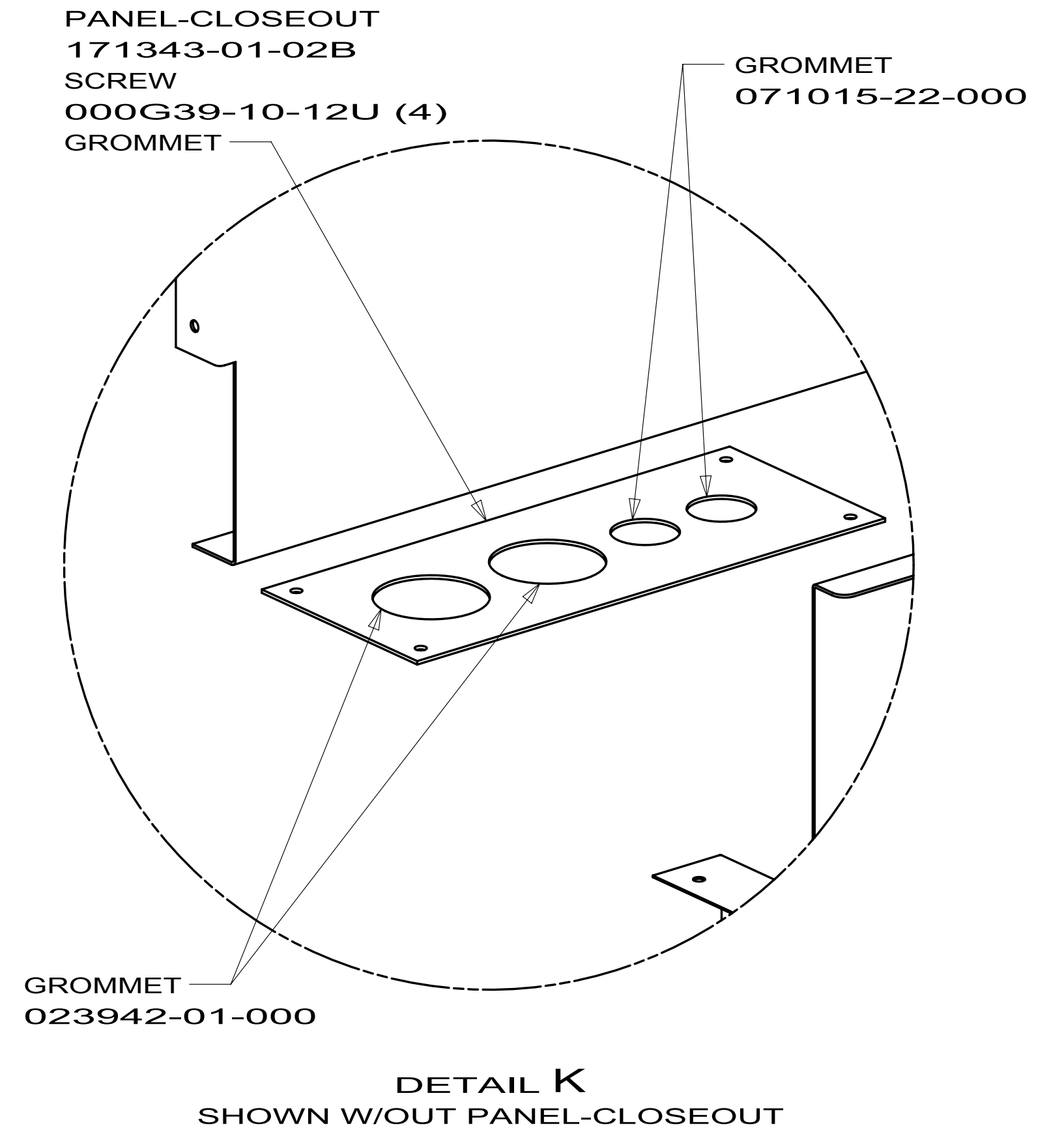
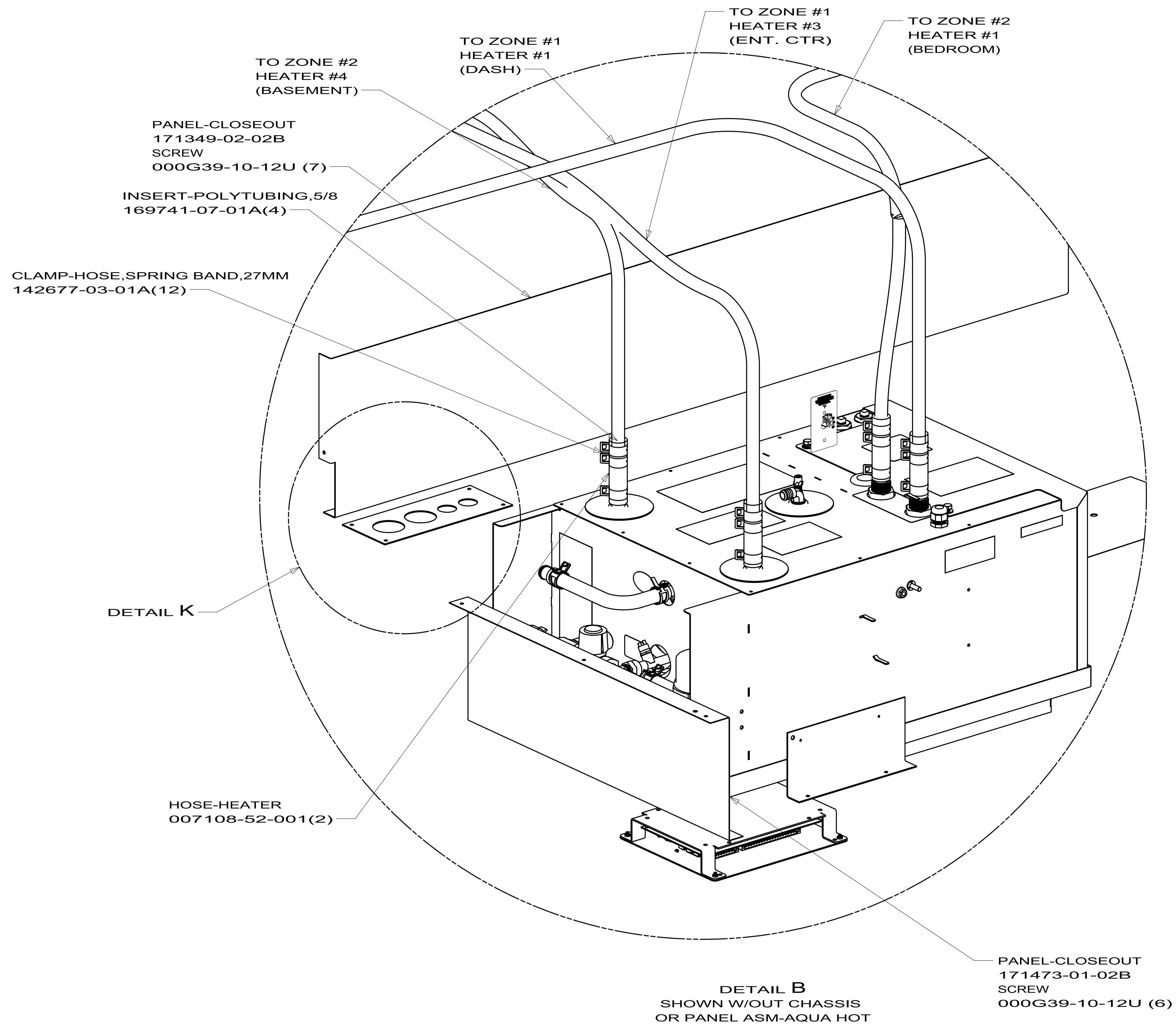
FIRST USED			10 R42AD
DO NOT SCALE DRAWING			
TITLE:			AQUA HOT SYSTEM INSTL
SHEET 2	PART NO	171006	REV



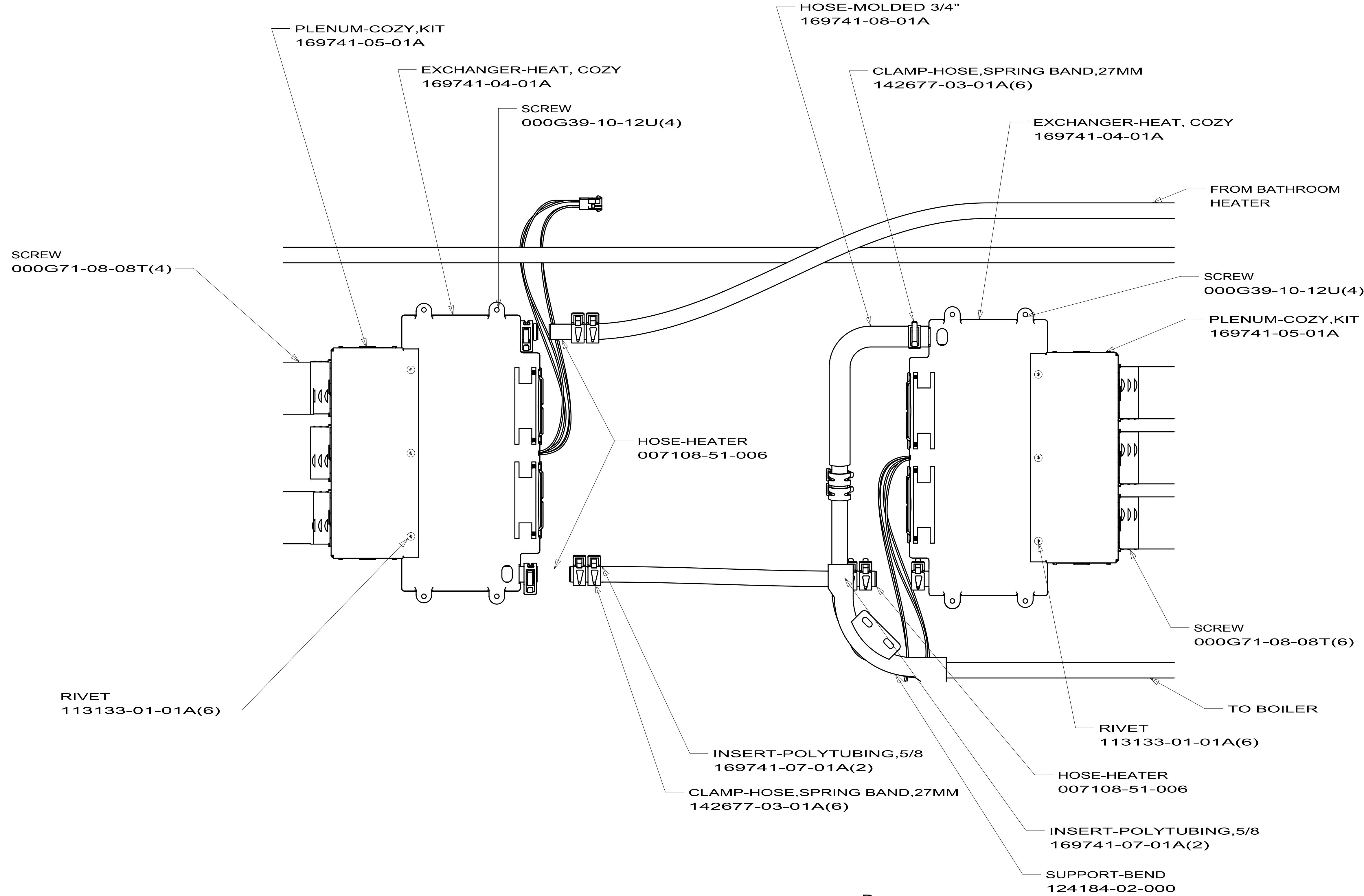
SECTION E-E



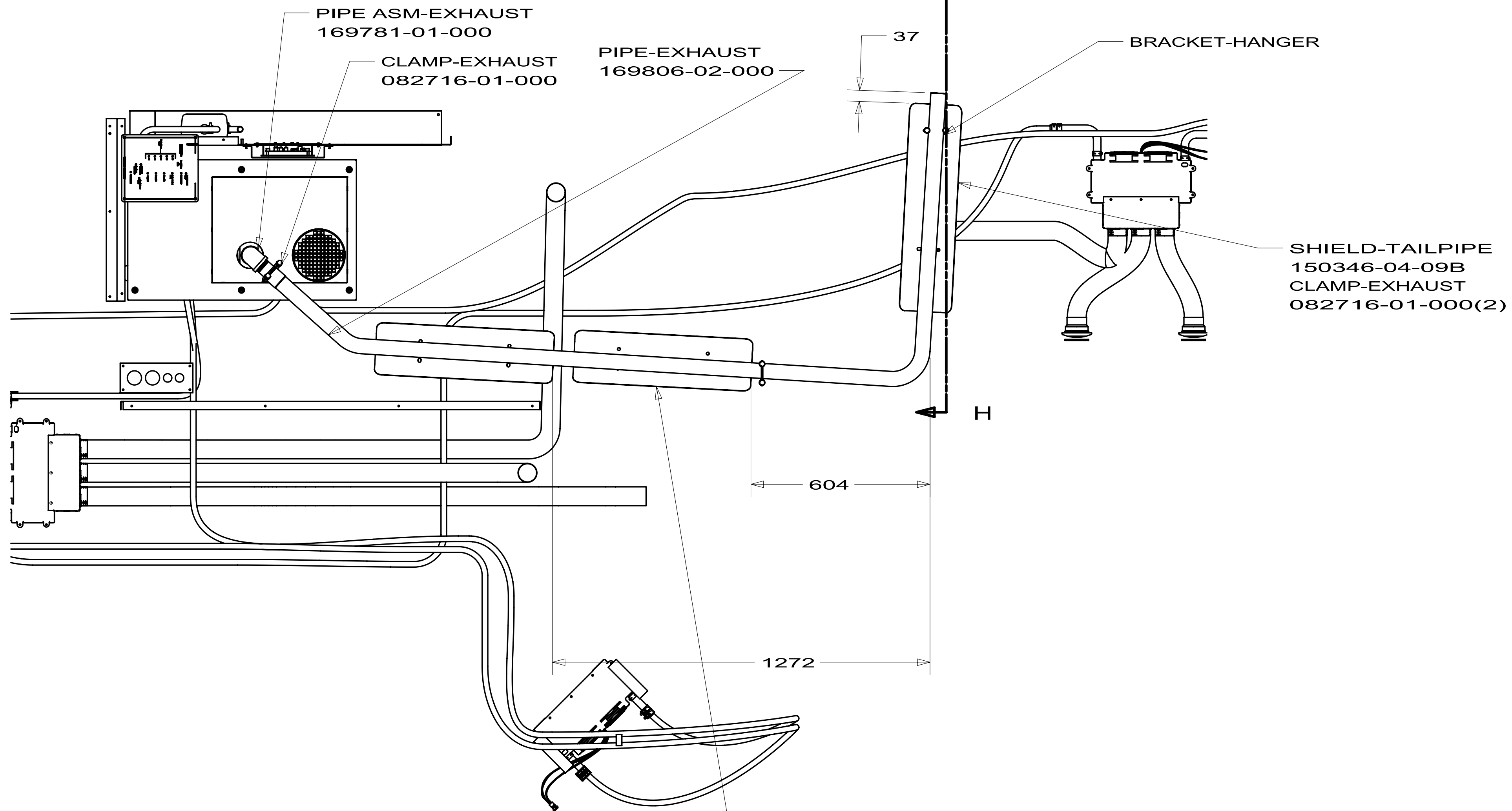
FIRST USED		10 R42AD	
DO NOT SCALE DRAWING			
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 3	PART NO	171006	REV



FIRST USED		10 R42AD	
DO NOT SCALE DRAWING			
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 4	PART NO	171006	REV



FIRST USED			10 R42AD
DO NOT SCALE DRAWING			
TITLE:			AQUA HOT SYSTEM INSTL
SHEET 5	PART NO	171006	REV



VIEW G

SHIELD-TAILPIPE
150346-03-09B(2)
CLAMP-EXHAUST
082716-01-000(4)

BRACKET-ZEE
171649-02-02B
SCREW
000G39-10-12U (2)

CLAMP-EXHAUST
082716-01-000(2)

81

SECTION H-H

BRACKET-ZEE
171649-01-02B
SCREW
000G39-10-12U (2)

FIRST USED			10 R42AD
TITLE:			DO NOT SCALE DRAWING
TITLE:			AQUA HOT SYSTEM INSTL
SHEET 6	PART NO	171006	REV

8		7		6		5		4		3		2		1	
DWG NO	SHT														
170831-01	1														
170831-02	2														
170831-03	3														

RELEASE	REV	DATE	DWG NO	170831	
REV	ZONE	REVISION RECORD		DATE	DTR-ORIG

PANEL-CLOSEOUT
169331-01-12B
SCREW
000G39-10-10U(4)

PANEL-DISPLAY
(SUPPLIED WITH FURNACE)
RIVETS
113133-01-01A(4)

BRACKET-ZEE
169327-01-12B
RIVET
113133-01-01A(3)

PANEL-CLOSEOUT, AQUA HOT
169228-02-12B

BOTTLE-OVERFLOW, KIT
169741-03-01A
WASHER
000E13-14-00B(4)
NUT
000D39-04-00U(4)

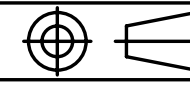
BRACKET-PANEL, SYSTEM
169317-01-12B
SCREW
000G39-08-08U(4)

PANEL-CLOSEOUT
169313-01-12B
SCREW
000G39-10-10U(4)

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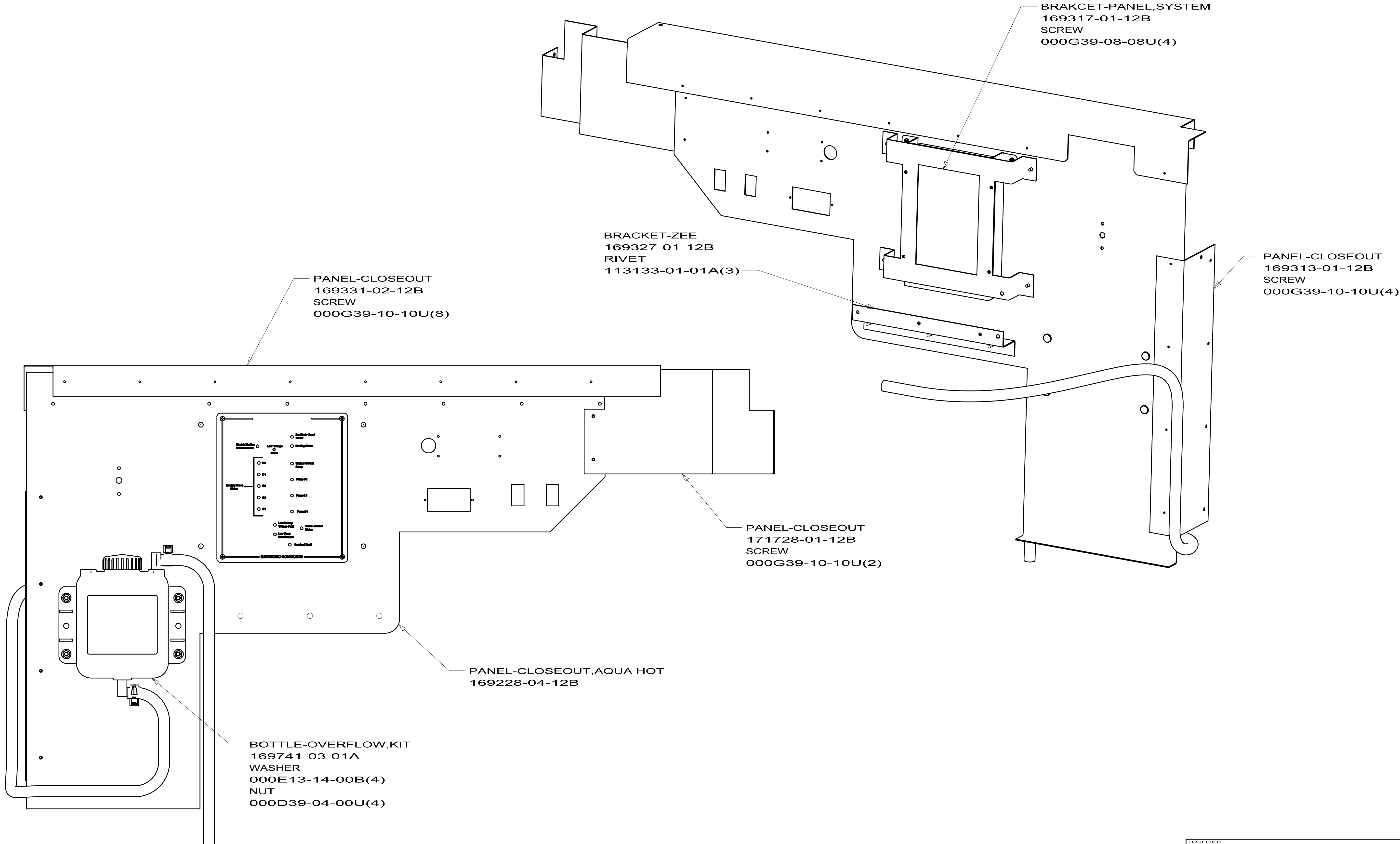
DFTR	ORIG. DATE
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	
DSNR	FIRST USED
10 R-SER (TAG)	

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:		
PANEL ASM-AQUA HOT		
SHEET 1 OF 2	PART NO 170831	REV

REF:	1
------	---

12/30/2009



FIRST USED		
10 R-SER (TAG)		
DO NOT SCALE DRAWING		
TITLE:		
PANEL ASM-AQUA HOT		
SHEET 2	PART NO	REV
	170831	

