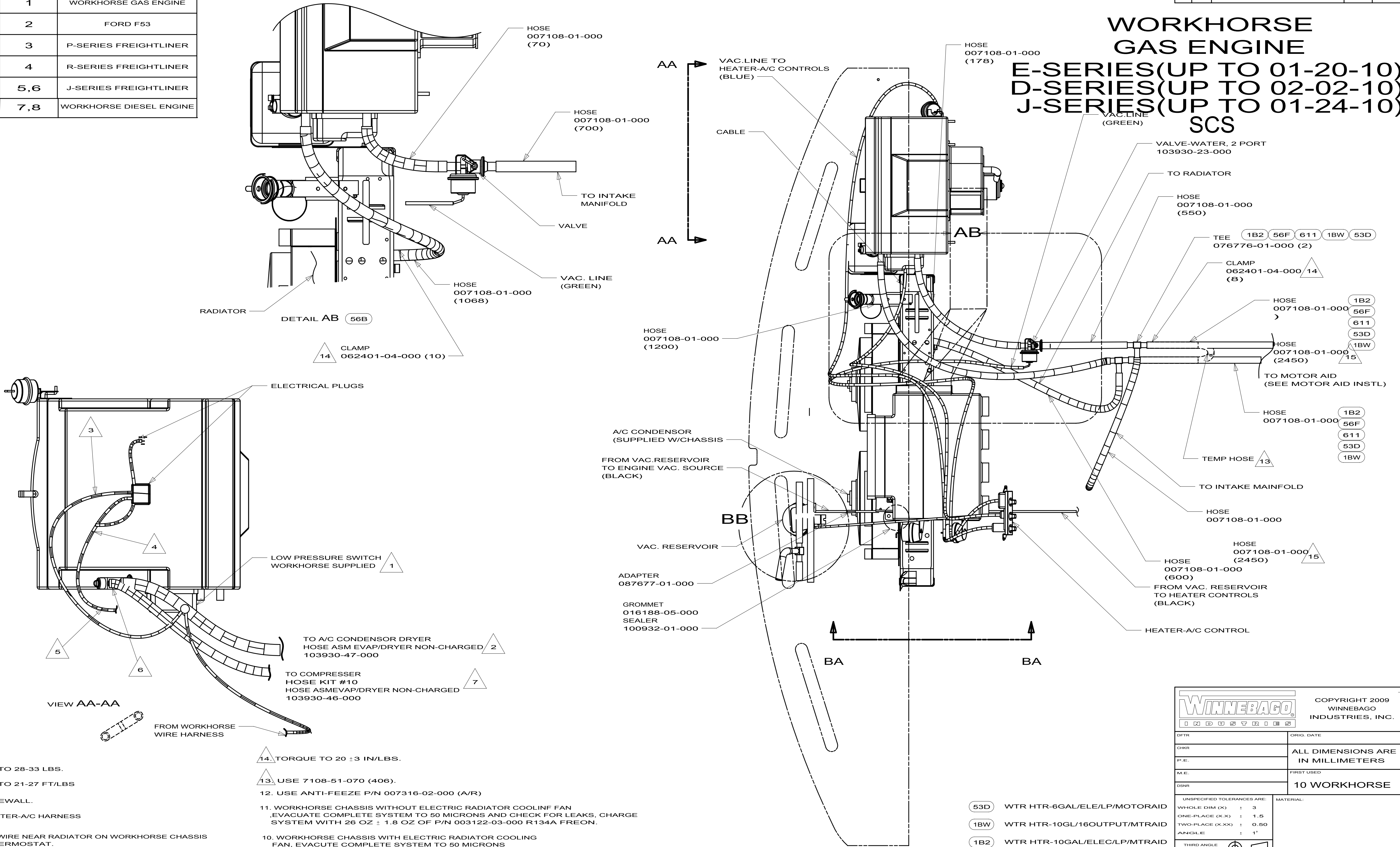


DWG NO	SHEET	CHASSIS
169851-01	1	WORKHORSE GAS ENGINE
169851-02	2	FORD F53
169851-03	3	P-SERIES FREIGHTLINER
169851-04	4	R-SERIES FREIGHTLINER
169851-05	5,6	J-SERIES FREIGHTLINER
169851-06	7,8	WORKHORSE DIESEL ENGINE

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



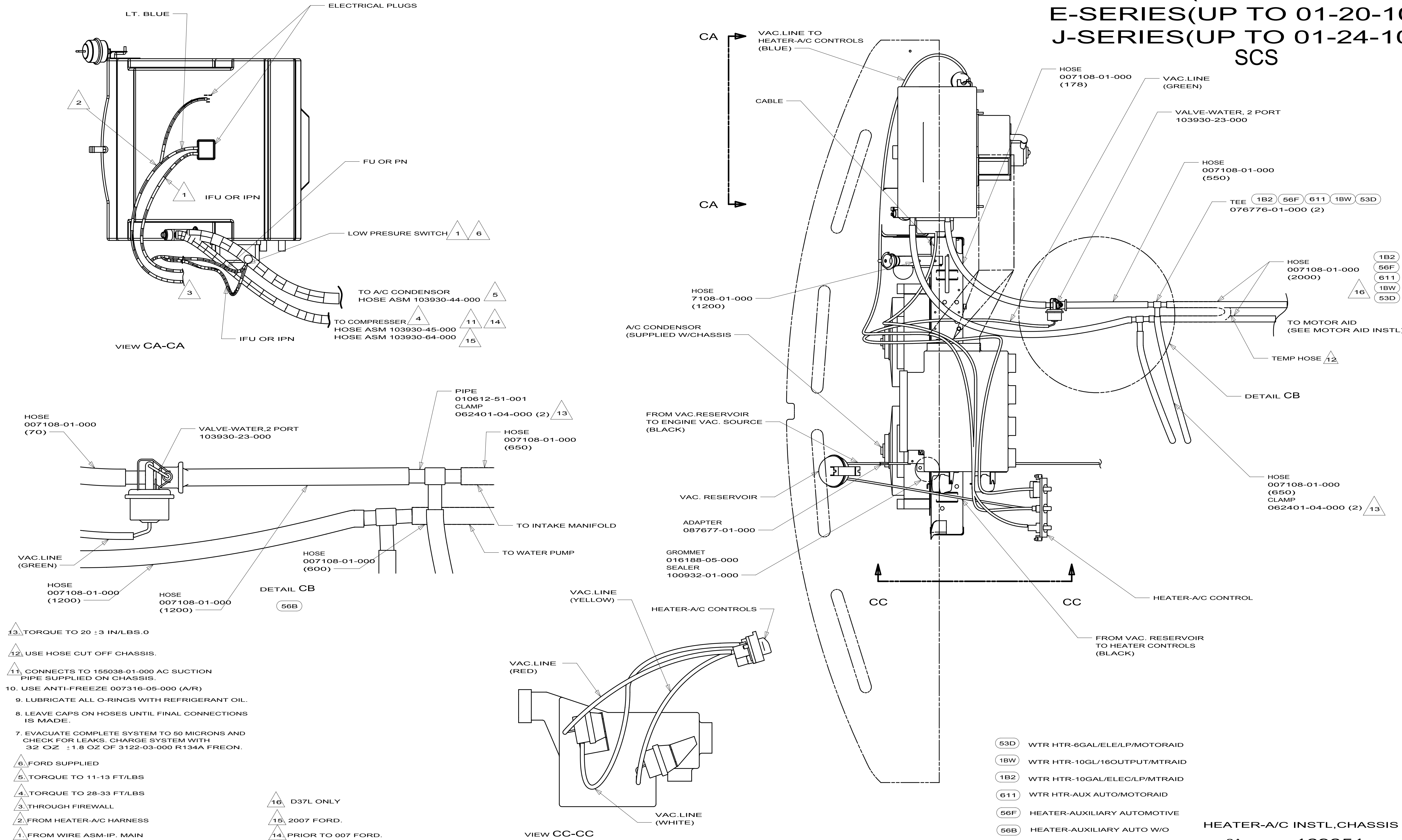
7. TORQUE TO 28-33 LBS.
6. TORQUE TO 21-27 FT/LBS
5. THRU FIREWALL.
4. FROM HEATER-A/C HARNESS
3. CONNECT WIRE NEAR RADIATOR ON WORKHORSE CHASSIS TO A/C THERMOSTAT.
2. TORQUE TO 11-13 FT/LBS.
1. WORKHORSE REQUIRES PRODUCTION TO INSTALL AND TORQUE TO 32-50 IN/LBS. THE WORKHORSE SUPPLIED LOW PRESSURE SWITCH IN #10 HOSE KIT NAD PLUG IN WIRE.

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

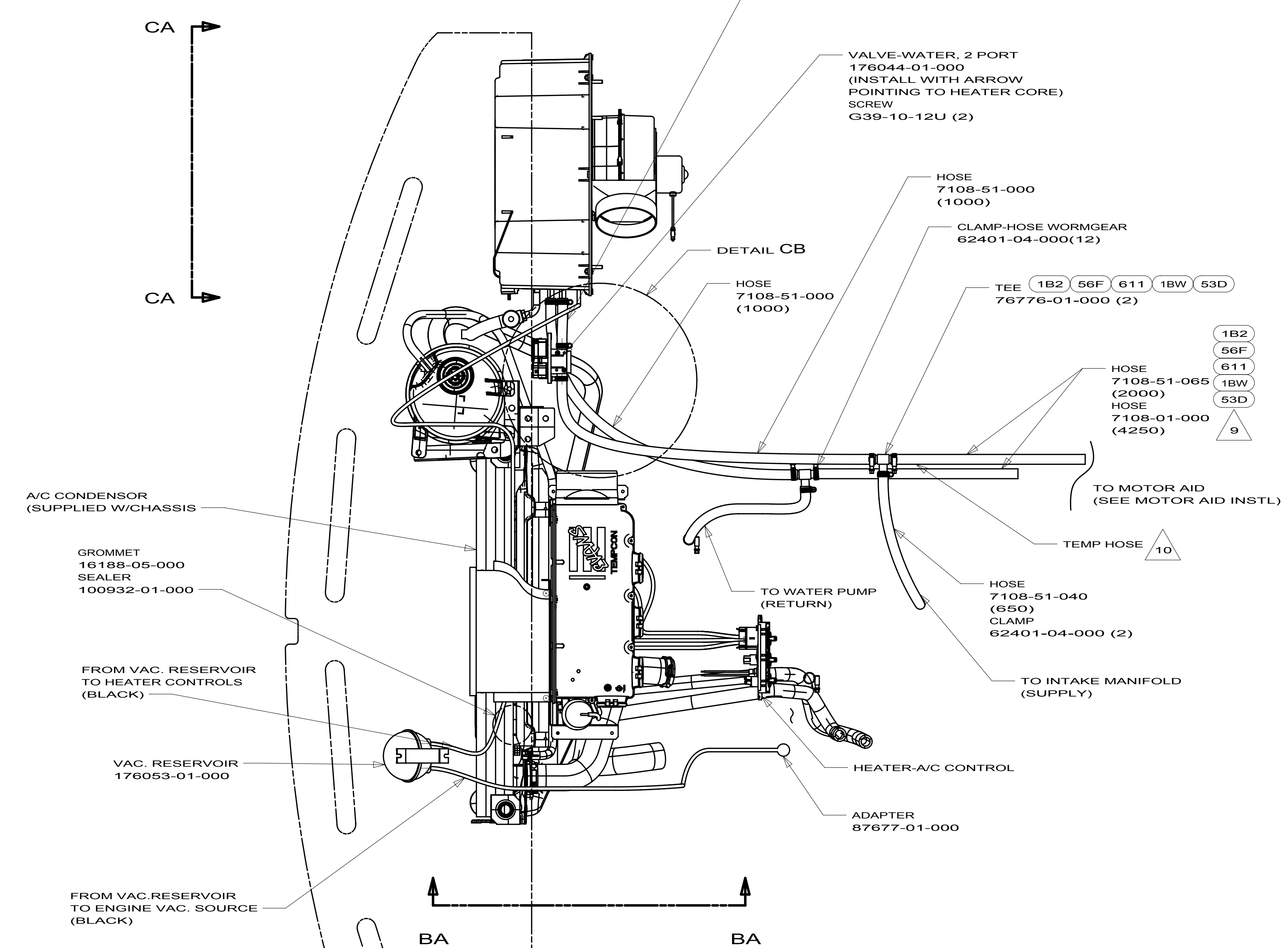
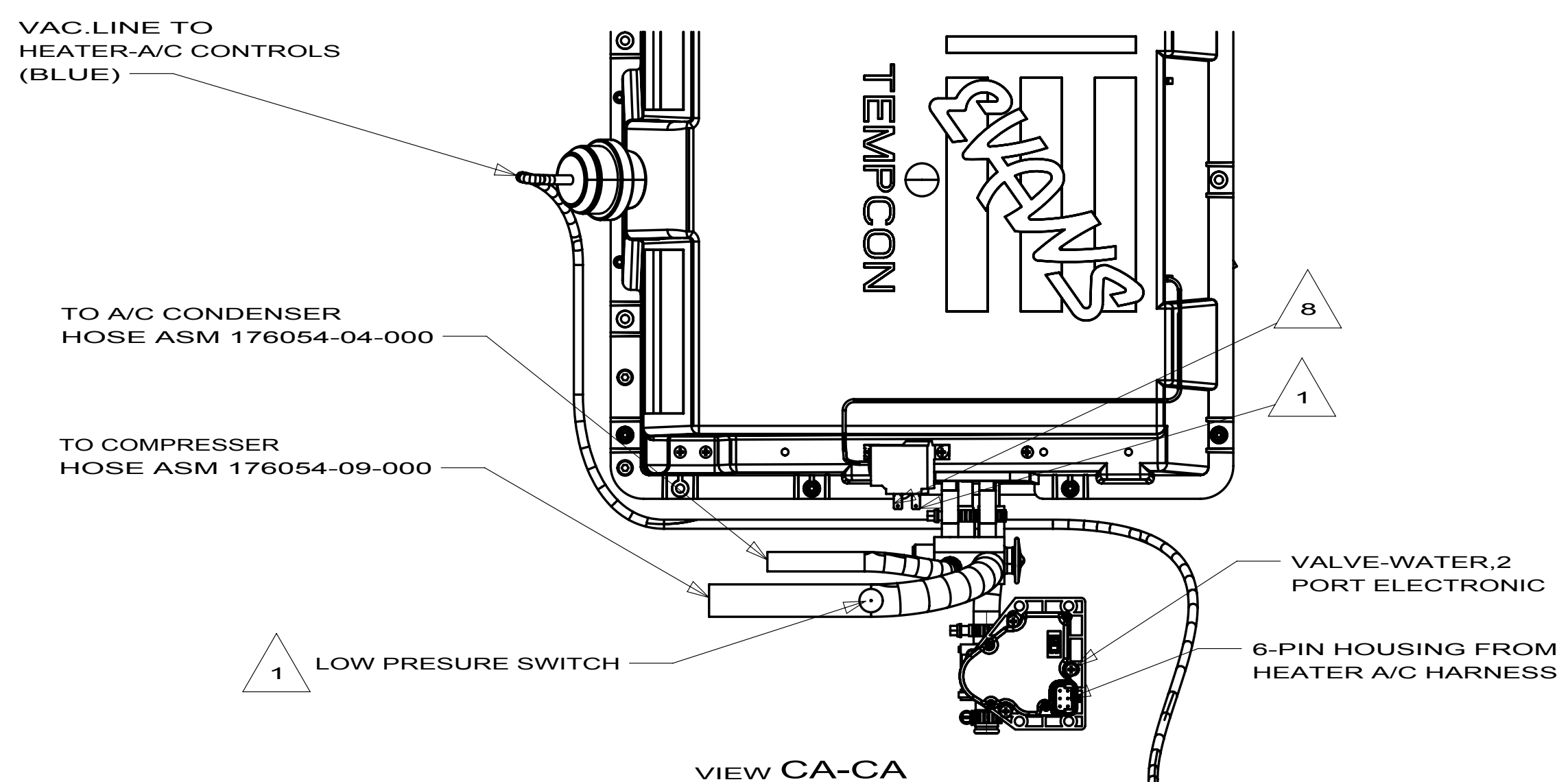
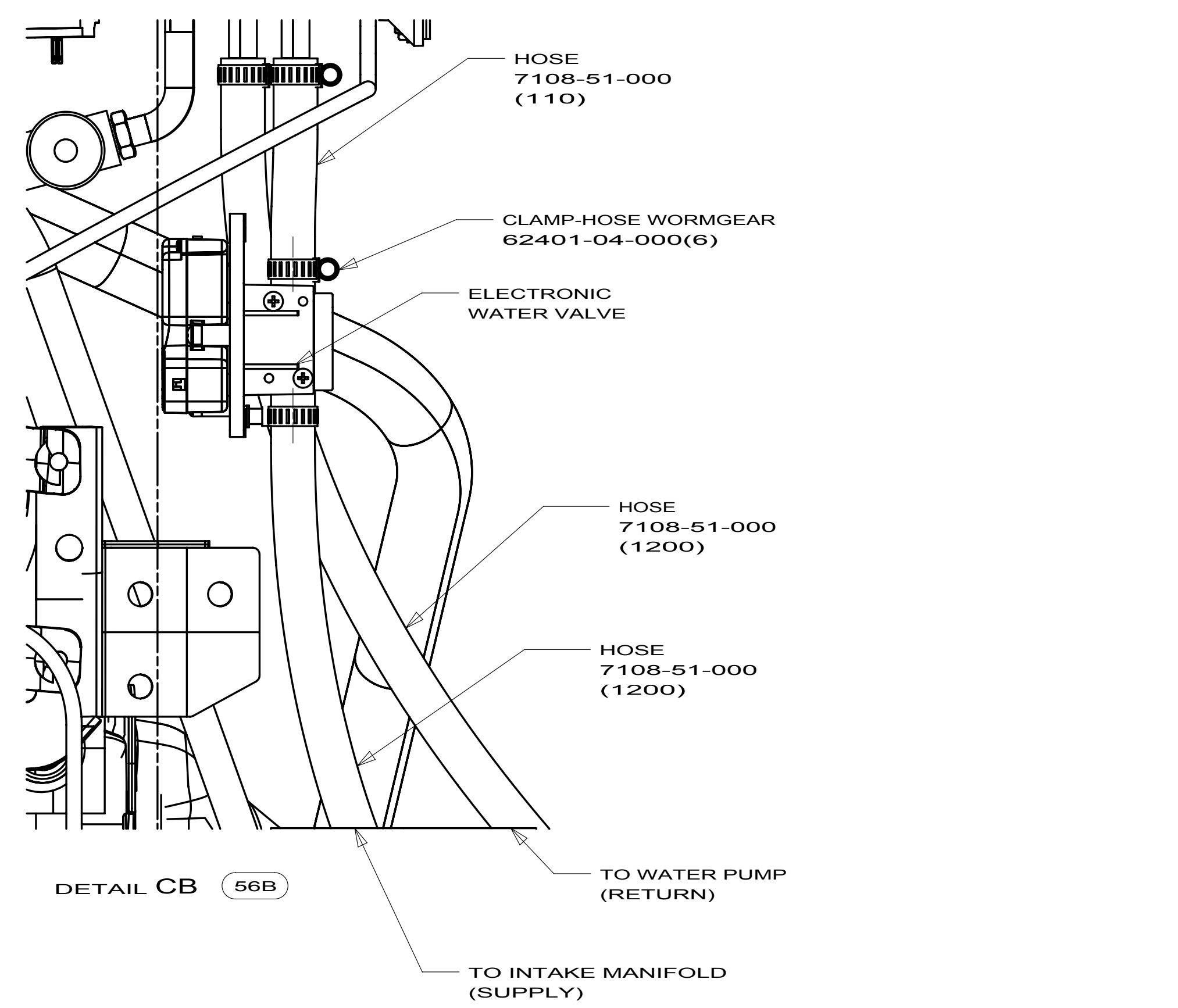
- 53D WTR HTR-6GAL/ELE/LP/MOTOR AID
- 1BW WTR HTR-10GL/16OUTPUT/MTR AID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTR AID
- 611 WTR HTR-AUX AUTO/MOTOR AID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFTR	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			
TITLE: HEATER-A/C INSTL,CHASSIS			
SHEET 1A OF 8	REF:	PART NO 169851	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



NOTES:



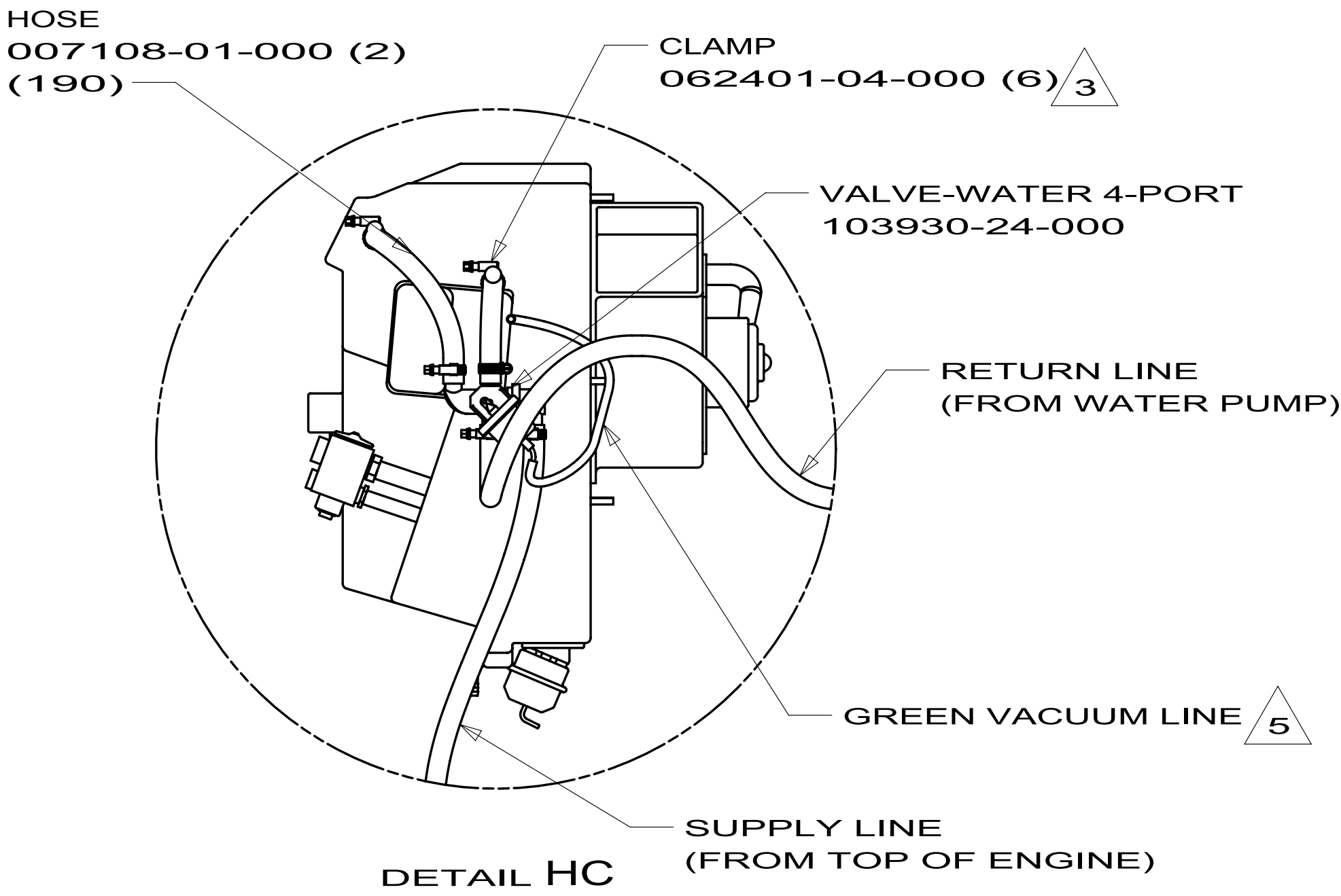
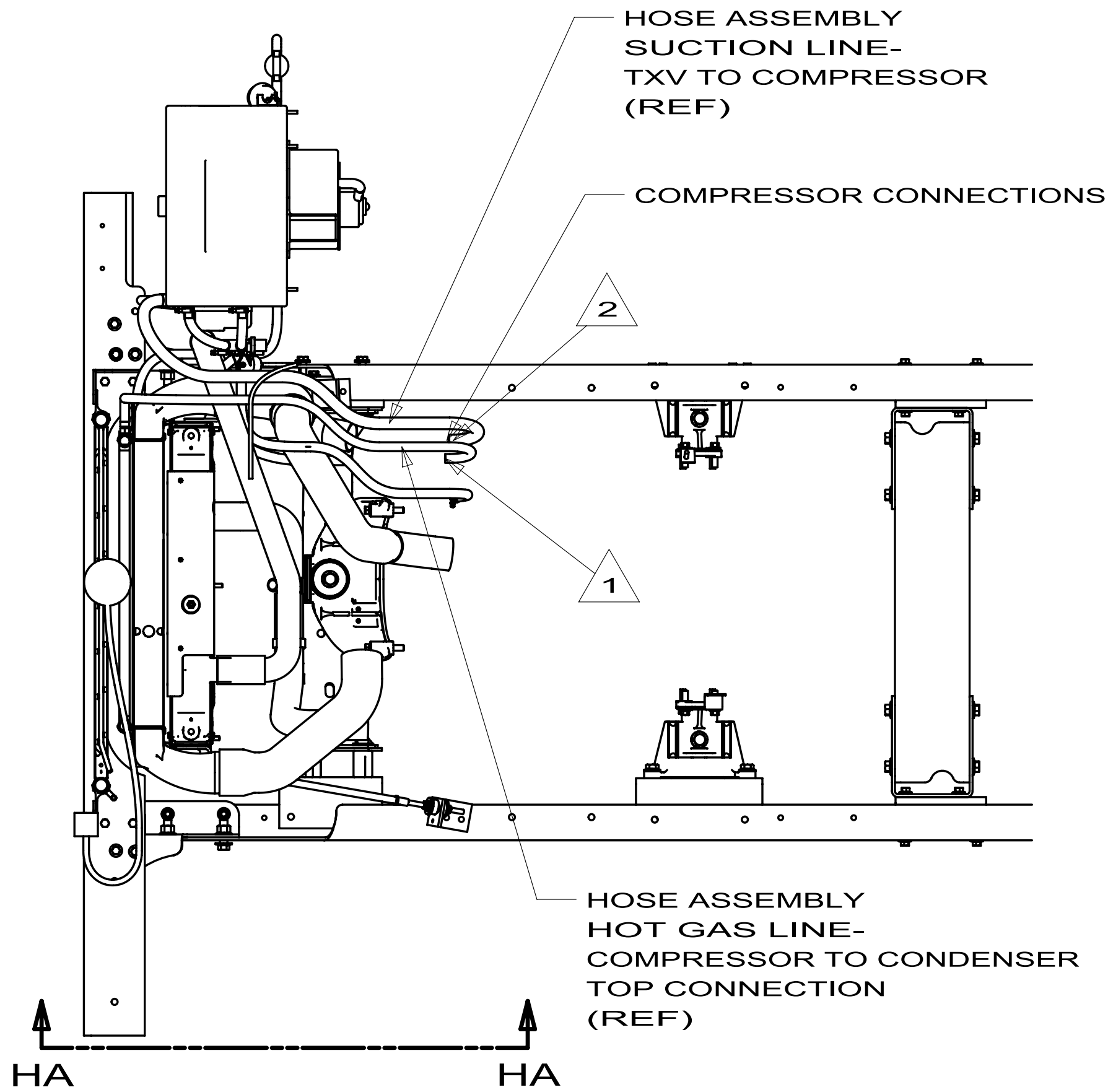
FORD F53 GAS ENGINE E-SERIES(AFTER 01-21-10) D-SERIES(AFTER 02-03-10) J-SERIES(AFTER 01-25-10) EVANS

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:

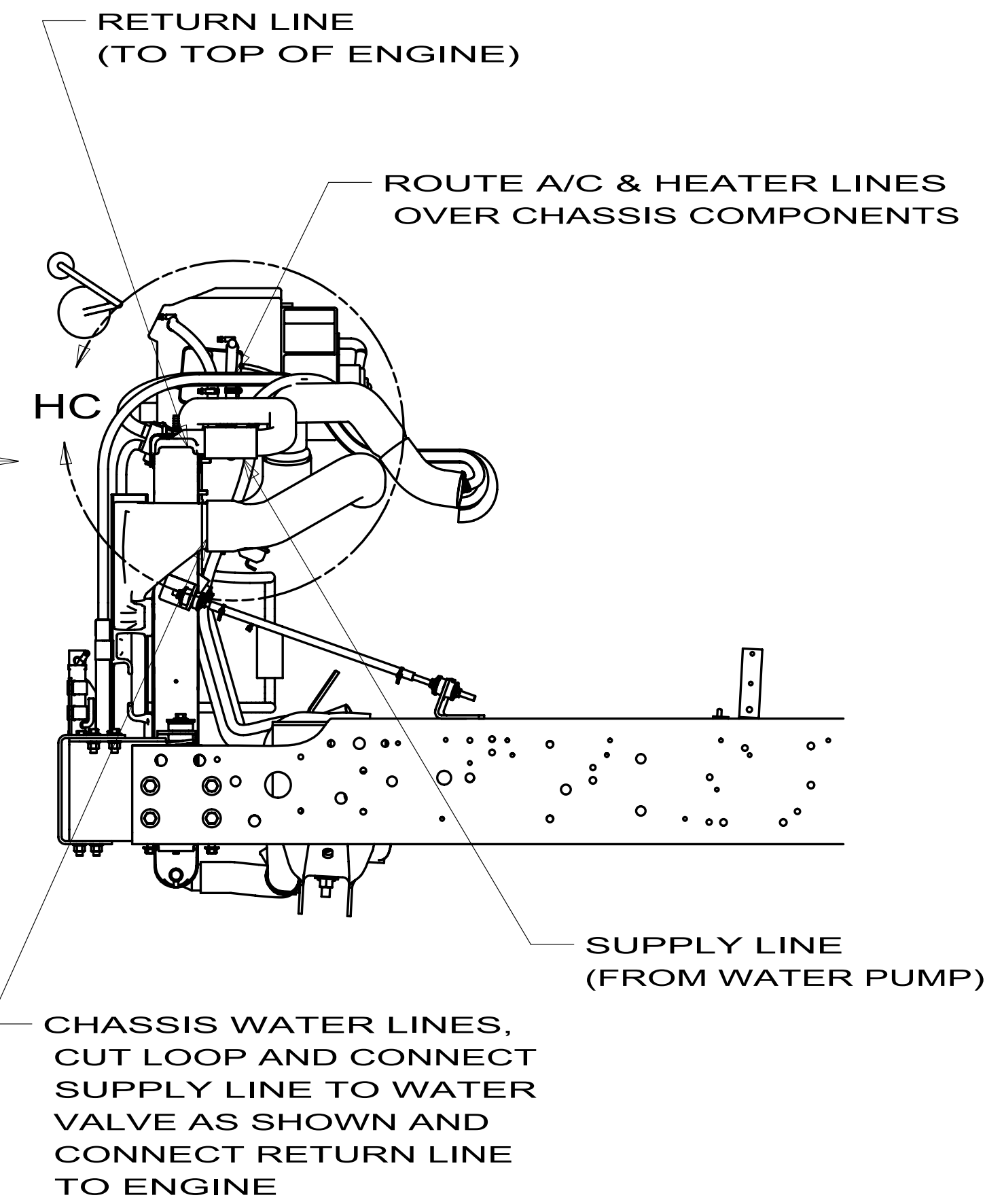
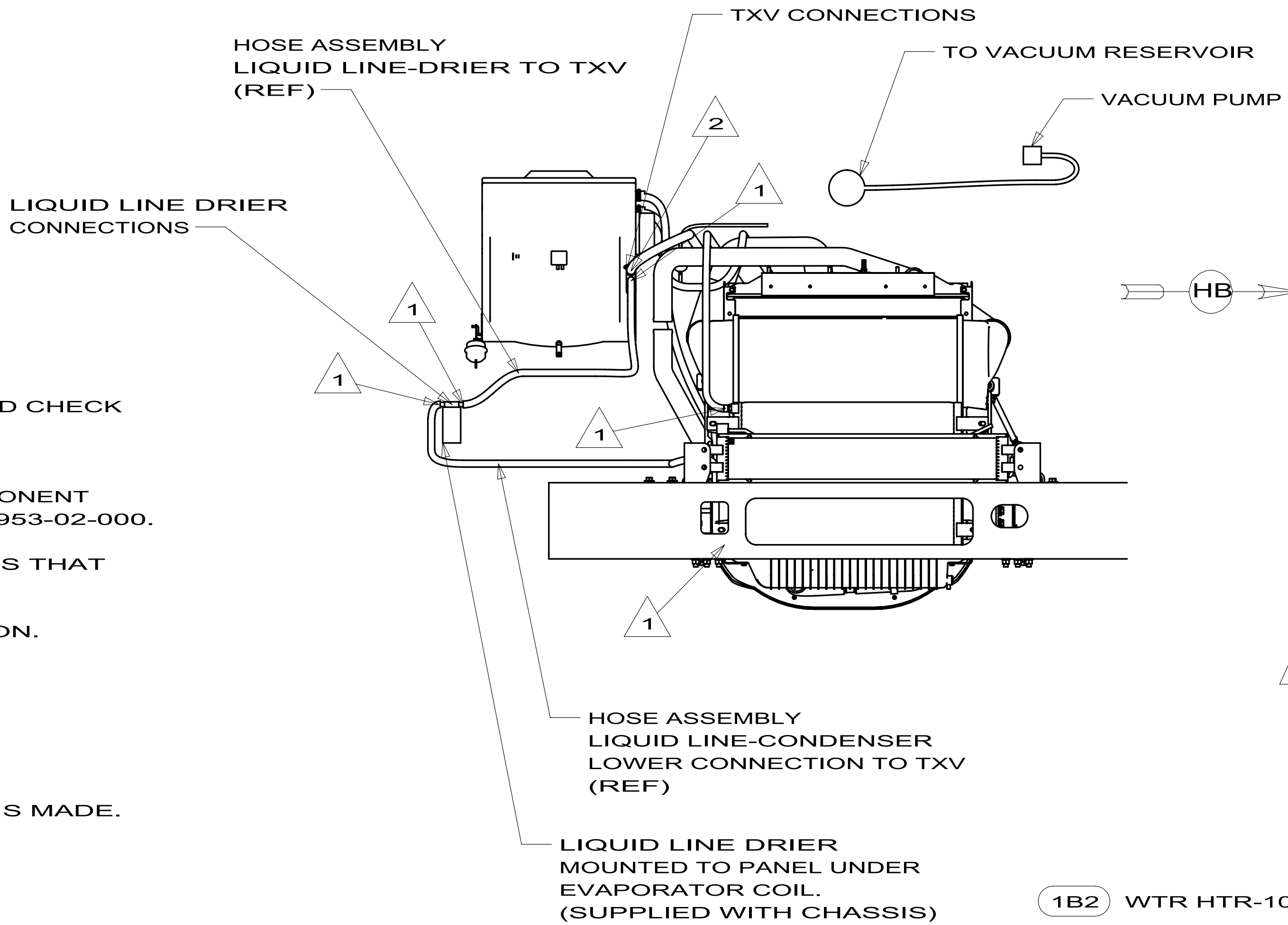
- 53D WTR HTR-6GAL/ELE/LP/MOTOR AID
- 1BW WTR HTR-10GL/16OUTPUT/MTR AID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTR AID
- 611 WTR HTR-AUX AUTO/MOTOR AID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

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

WORKHORSE
DIESEL ENGINE
D-SERIES(UP TO 02-02-10)
E-SERIES(UP TO 01-20-10)
SCS



- 12 REQUIRED/MANDATORY - REFILLING COOLANT SYSTEM PROCESS USING COOLANT REFILL TOOL (IUVU550500INT)
- 11 EVACUATE COMPLETE A/C SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS. CHARGE SYSTEM WITH 32 OUNCE OF 3122-00-R134A FREON.
- 10 WHEN MOTOROID TUBE CONTACTS ANY CHASSIS COMPONENT THE TUBE SHALL BE PROTECTED BY CONDUIT 041953-02-000.
9. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.
8. SEE MOTOROID INSTL FOR ADDITIONAL INFORMATION.
7. USE ANTIFREEZE 007316-03-000 (A/R).
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 ±3 IN/LBS.
2. TORQUE TO 28-33 FT/LBS.
1. TORQUE TO 11-13 FT/LBS.



VIEW HA-HA

VIEW HB

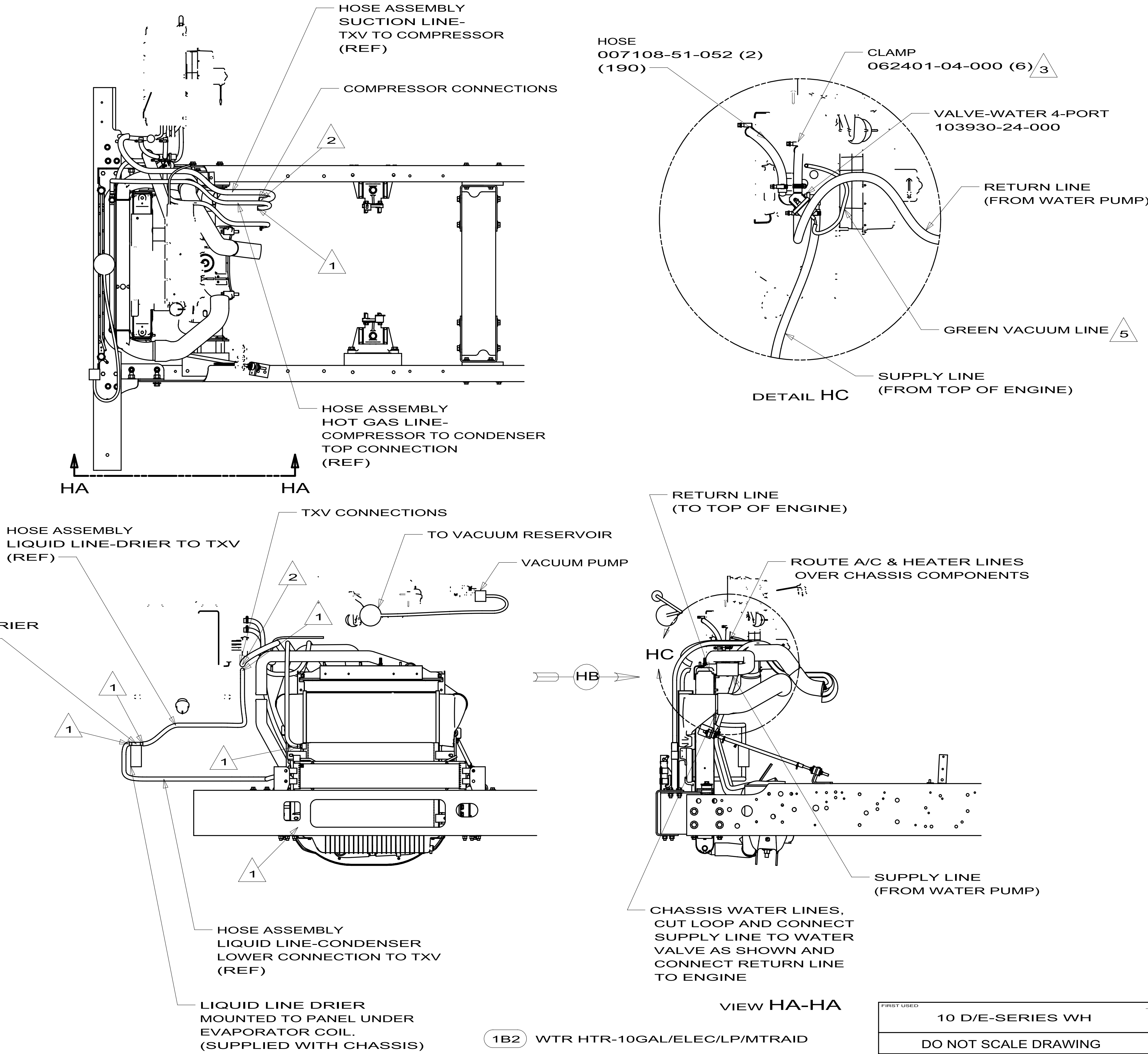
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRD
- 611 WTR HTR-AUX AUTO/MOTOROID
- 1LL FRTL (FRED) 27,000#-22.5 TIRES

HEATER-AC INSTL,CHASSIS
7A 169851

NOTES:

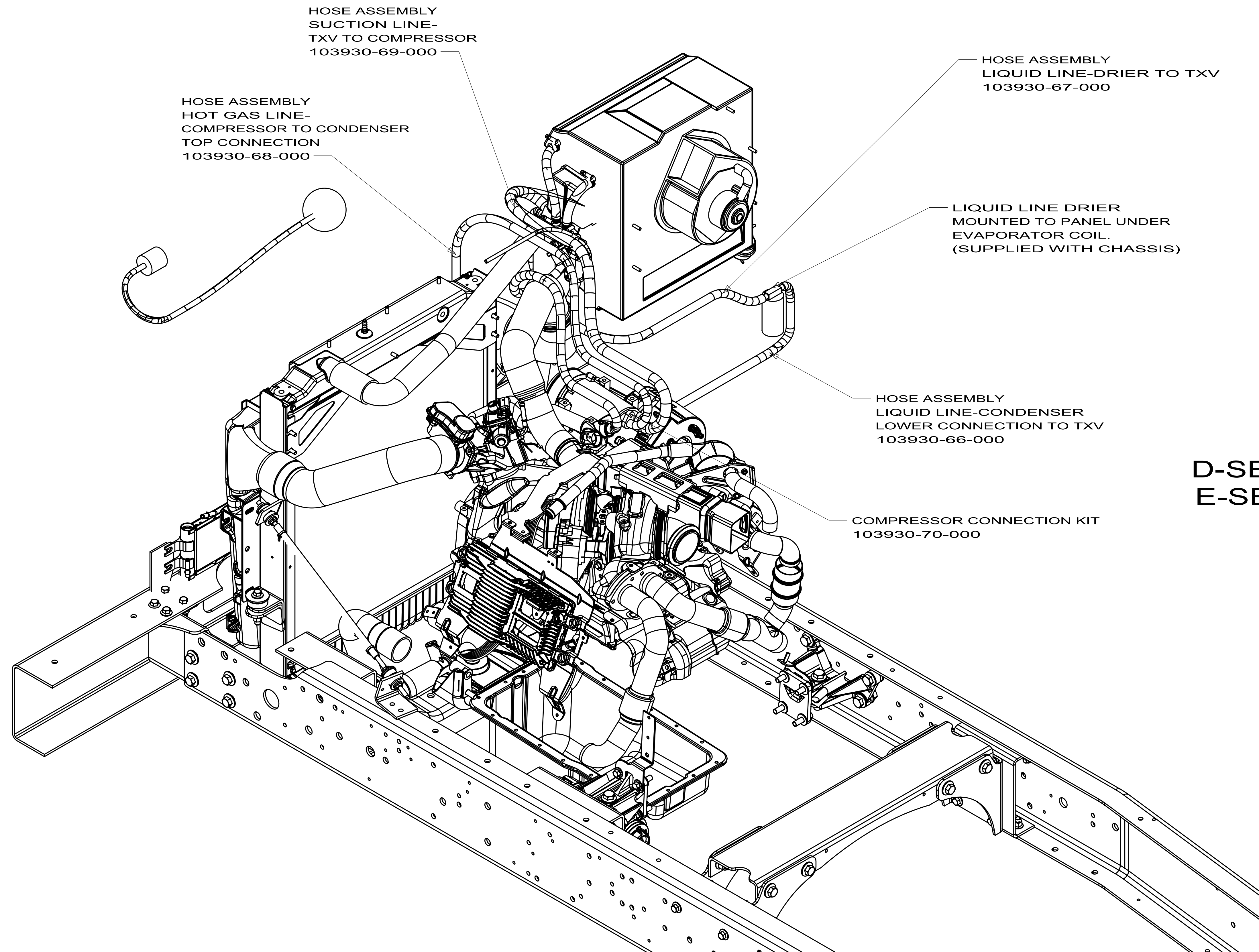
WORKHORSE DIESEL ENGINE D-SERIES(AFTER 02-03-10) E-SERIES(AFTER 01-21-10) EVANS

- 12 REQUIRED/MANDATORY - REFILLING COOLANT SYSTEM PROCESS USING COOLANT REFILL TOOL (IUVU550500INT)
- 11 EVACUTE COMPLETE A/C SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS. CHARGE SYSTEM WITH 32 OUNCE OF 3122-00-R134A FREON.
- 10 WHEN MOTOROID TUBE CONTACTS ANY CHASSIS COMPONENT THE TUBE SHALL BE PROTECTED BY CONDUIT 041953-02-000.
9. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.
8. SEE MOTOROID INSTL FOR ADDITIONAL INFORMATION.
7. USE ANTIFREEZE 007316-03-000 (A/R).
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 ±3 IN/LBS.
2. TORQUE TO 28-33 FT/LBS.
1. TORQUE TO 11-13 FT/LBS.

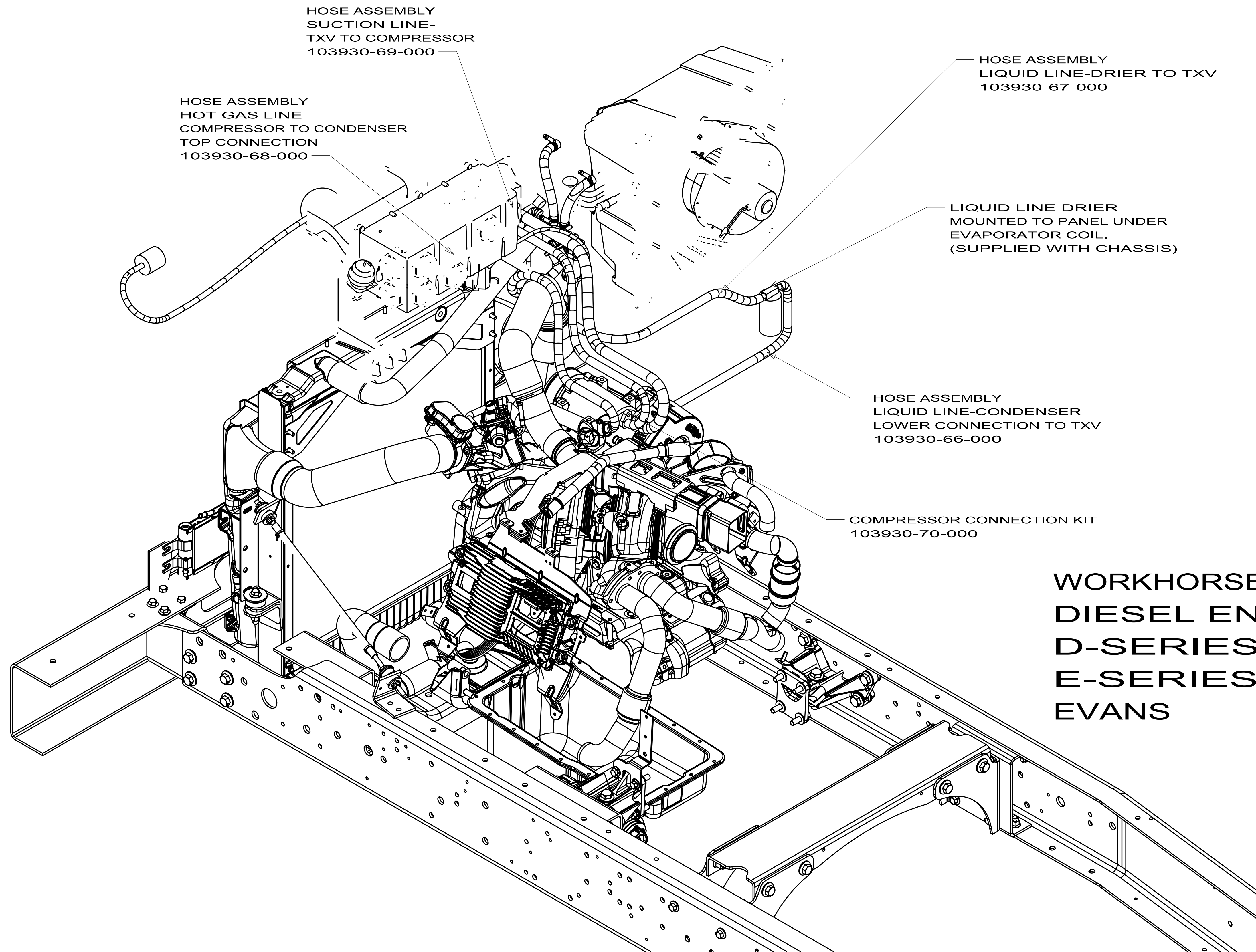


- 1B2 WTR HTR-10GAL/ELEC/LP/MTRD
- 611 WTR HTR-AUX AUTO/MOTOROID
- 1LL FRTL (FRED) 27,000#-22.5 TIRES

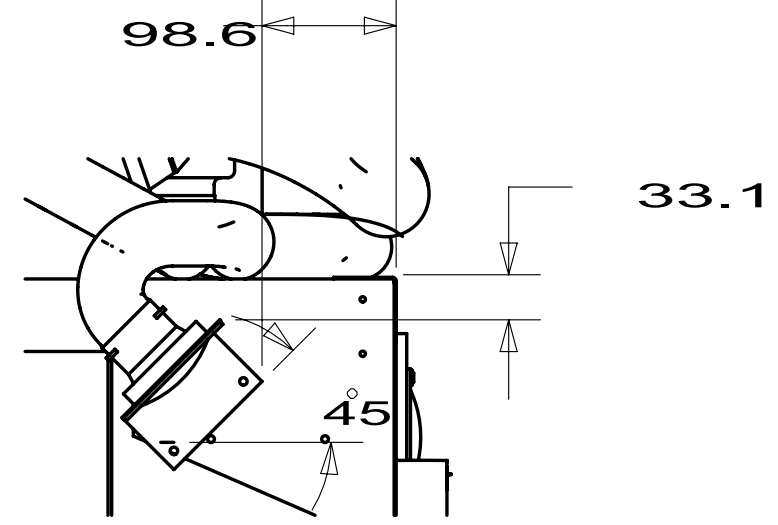
FIRST USED		
10 D/E-SERIES WH		
DO NOT SCALE DRAWING		
TITLE: HEATER-AC INSTL,CHASSIS		
SHEET 8	PART NO 169851	REV



**WORKHORSE
DIESEL ENGINE
D-SERIES(UP TO 02-02-10)
E-SERIES(UP TO 01-20-10)**

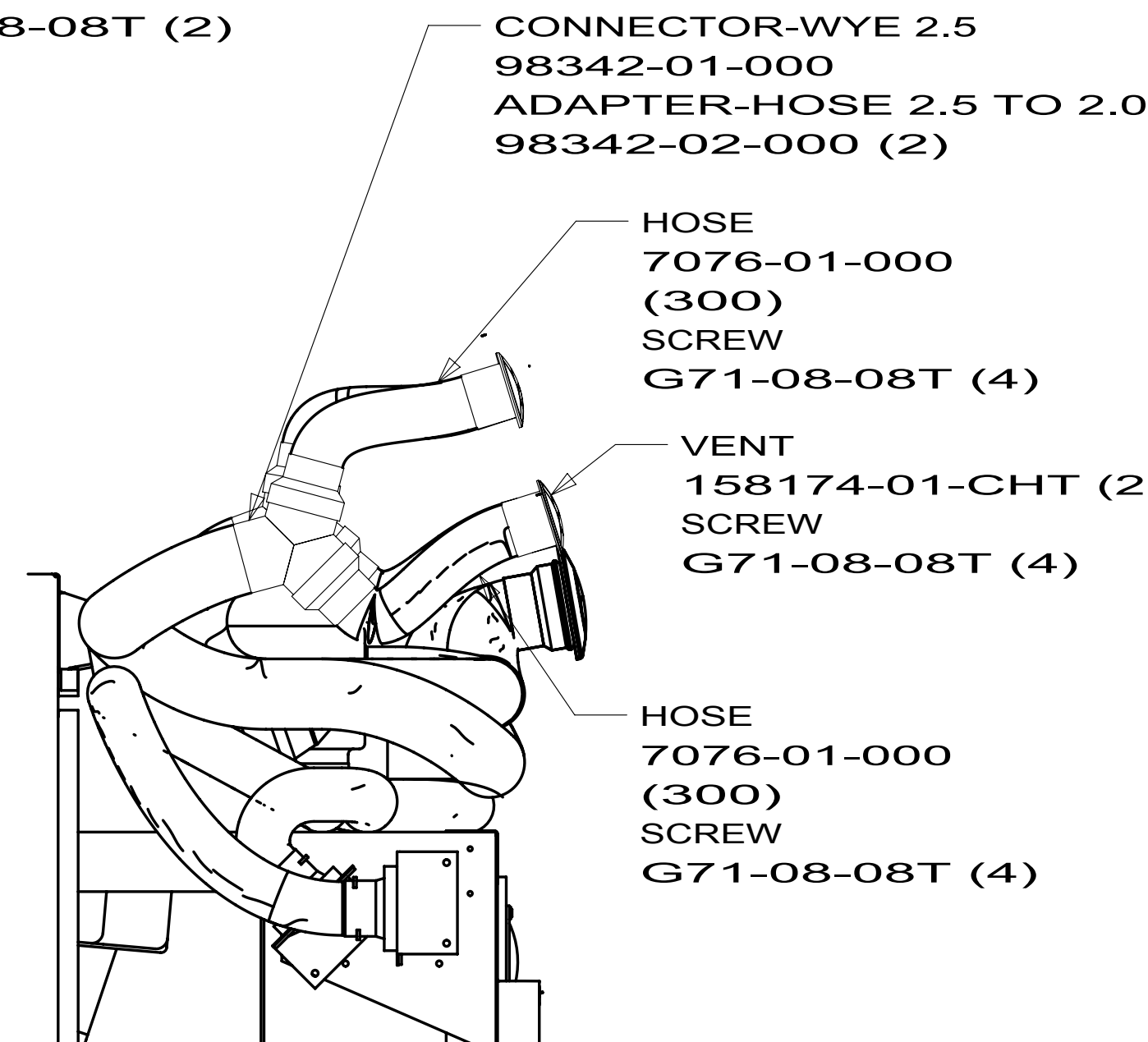


FIRST USED		
10 D/E-SERIES WH		
DO NOT SCALE DRAWING		
TITLE:		
HEATER-AC INSTL, CHASSIS		
SHEET 9	PART NO 169851	REV



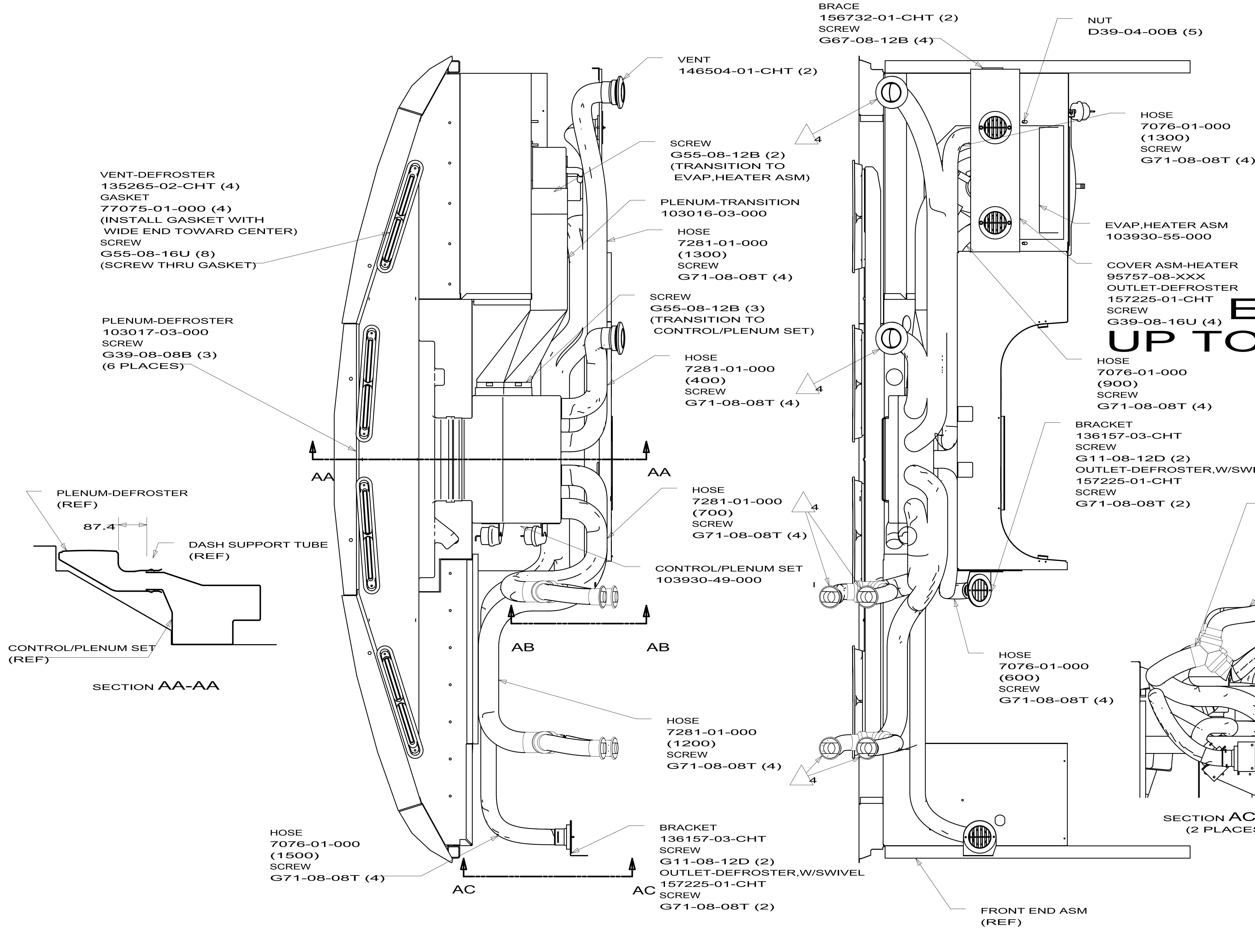
SECTION AB-AB

E-SERIES UP TO 01-20-10 SCS



SECTION AC-AC
(2 PLACES)

FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET 2A	PART NO	REV
	169852	



VENT-DEFROSTER
135265-02-CHT (4)
GASKET
77075-01-000 (4)
(INSTALL GASKET WITH
WIDE END TOWARD CENTER)
SCREW
G55-08-16U (8)
(SCREW THRU GASKET)

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

PLENUM-DEFROSTER
(REF)
87.4
DASH SUPPORT TUBE
(REF)
CONTROL/PLENUM SET
(REF)

SECTION AA-AA

VENT
146504-01-CHT (2)

SCREW
G55-08-12B (2)
(TRANSITION TO
EVAP,HEATER ASM)

PLENUM-TRANSITION
103016-03-000

HOSE
7281-01-000
(1300)
SCREW
G71-08-08T (4)

SCREW
G55-08-12B (3)
(TRANSITION TO
CONTROL/PLENUM SET)

HOSE
7281-01-000
(400)
SCREW
G71-08-08T (4)

HOSE
7281-01-000
(700)
SCREW
G71-08-08T (4)

CONTROL/PLENUM SET
103930-49-000

HOSE
7281-01-000
(1200)
SCREW
G71-08-08T (4)

BRACKET
136157-03-CHT
SCREW
G11-08-12D (2)
OUTLET-DEFROSTER,W/SWIVEL
157225-01-CHT
SCREW
G71-08-08T (2)

FRONT END ASM
(REF)

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

NUT
D39-04-00B (5)

HOSE
7076-01-000
(1300)
SCREW
G71-08-08T (4)

EVAP,HEATER ASM
103930-55-000

COVER ASM-HEATER
95757-08-XXX
OUTLET-DEFROSTER
157225-01-CHT
SCREW
G39-08-16U (4)

HOSE
7076-01-000
(900)
SCREW
G71-08-08T (4)

BRACKET
136157-03-CHT
SCREW
G11-08-12D (2)
OUTLET-DEFROSTER,W/SWIVEL
157225-01-CHT
SCREW
G71-08-08T (2)

HOSE
7076-01-000
(600)
SCREW
G71-08-08T (4)

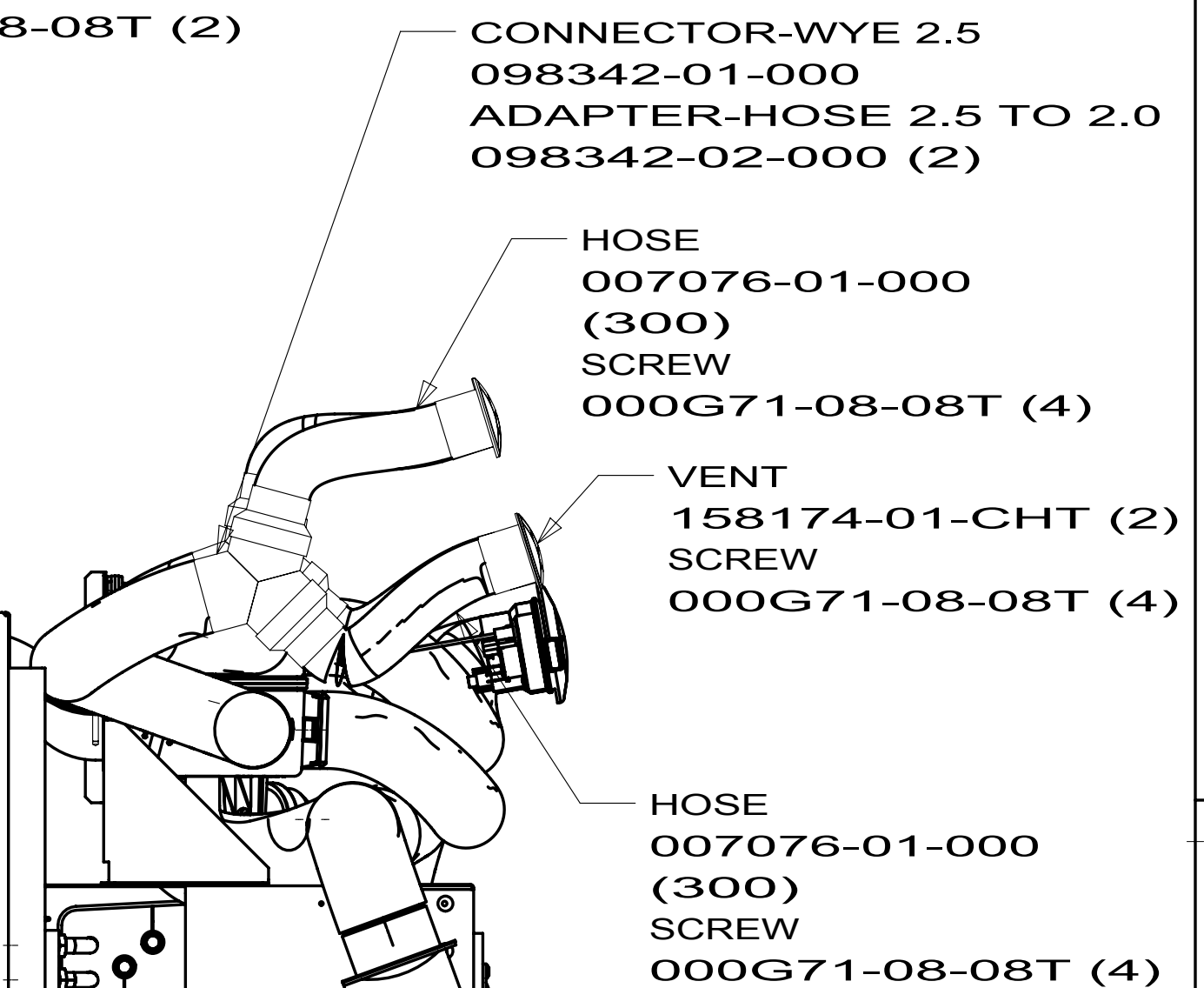
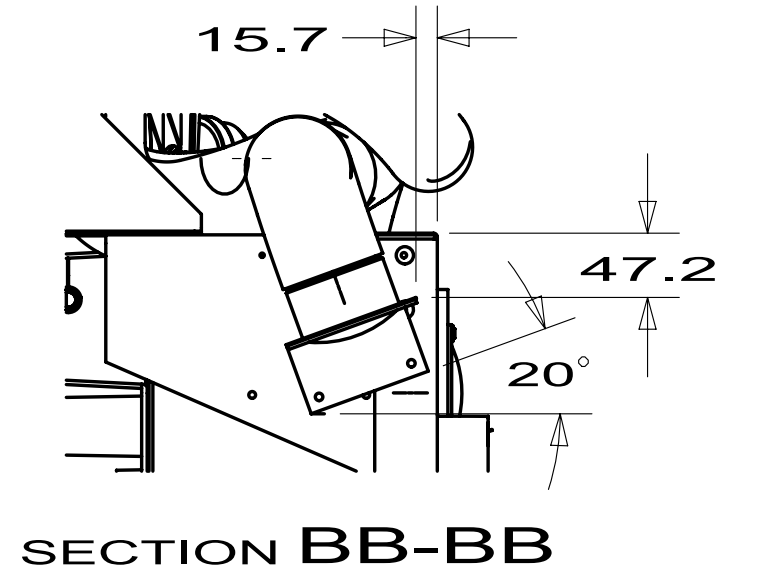
CONNECTOR-WYE 2.5
98342-01-000
ADAPTER-HOSE 2.5 TO 2.0
98342-02-000 (2)

HOSE
7076-01-000
(300)
SCREW
G71-08-08T (4)

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

HOSE
7076-01-000
(300)
SCREW
G71-08-08T (4)

E-SERIES AFTER 01-21-10 EVANS



E-SERIES

FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET2B	PART NO 169852	REV

BRACE
156732-01-CHT (2)
SCREW
000G67-08-12B (4)
NUT
000D39-04-00B (5)

CORE-EVAPORATOR/HEATER
176045-01-000

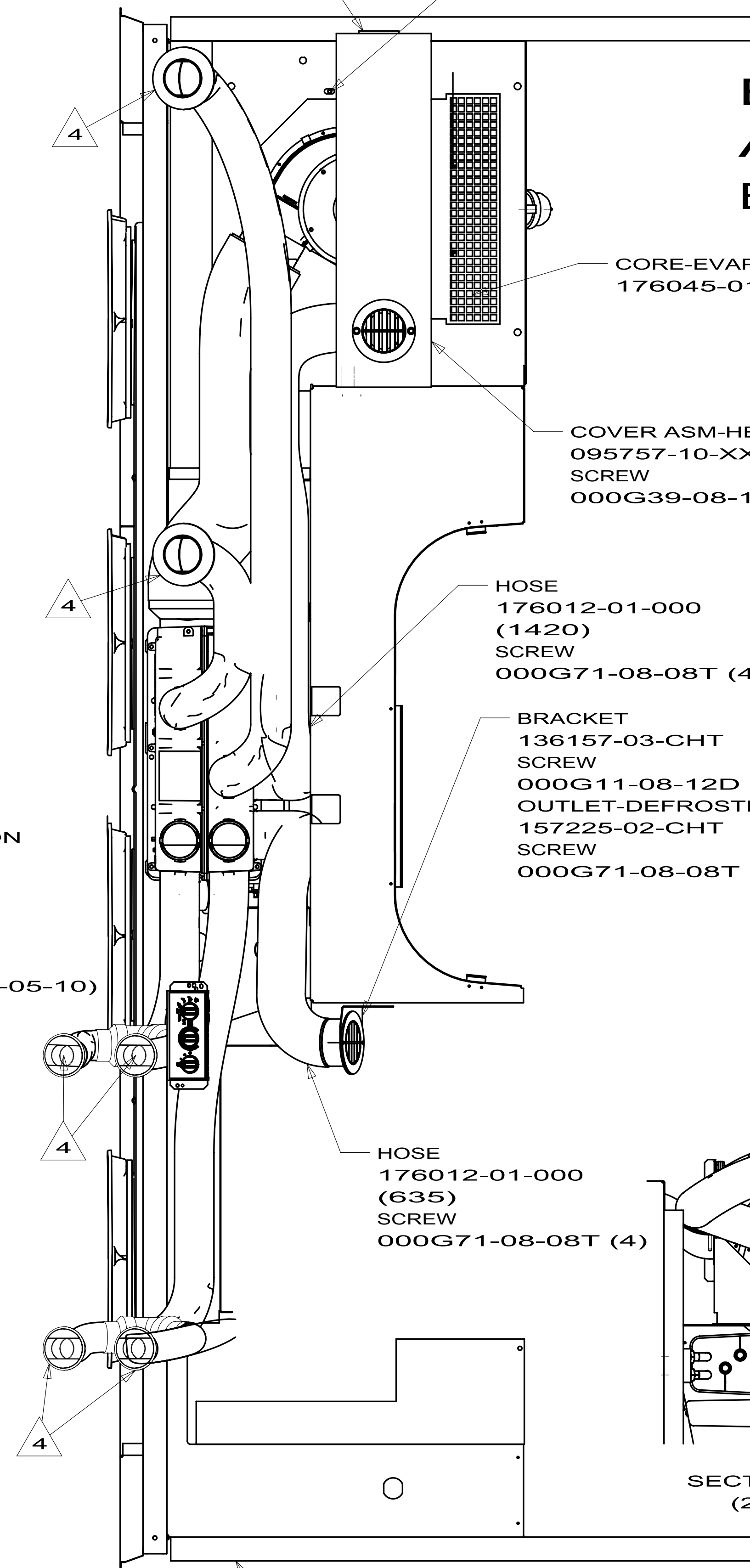
COVER ASM-HEATER
095757-10-XXX
SCREW
000G39-08-16B (4)

HOSE
176012-01-000
(1420)
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)

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

FRONT END ASM
(REF)



VENT
146504-01-CHT (2)

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

HOSE
007281-01-000
(1145)
SCREW
000G71-08-08T (4)

HOSE
007281-01-000
(660)
SCREW
000G71-08-08T (4)

PLENUM-AIR DISTRIBUTION
176050-01-000

PANEL-CONTROL,HORZ
176051-01-000
MOUNT ASM-HVAC
176022-01-CHT (UP TO 04-05-10)
SCREW
000G39-08-08B (4)

HOSE
007281-01-000
(610)
SCREW
000G71-08-08T (4)

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

VENT-DEFROSTER
135265-02-CHT (4)
GASKET
077075-01-000 (4)
(INSTALL GASKET WITH
WIDE END TOWARD CENTER)
SCREW
000G55-08-16B (8)
(SCREW THRU GASKET)

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

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

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

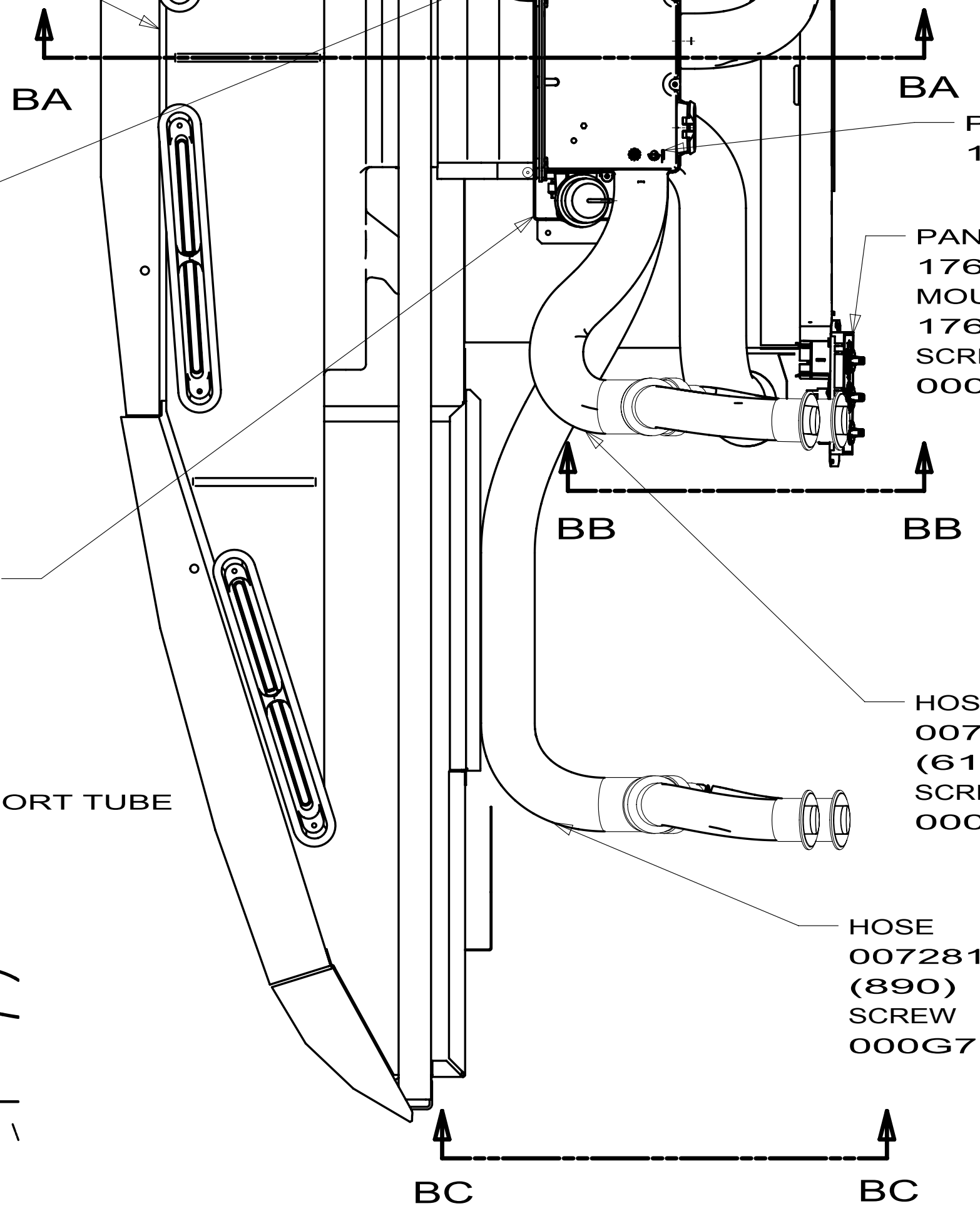
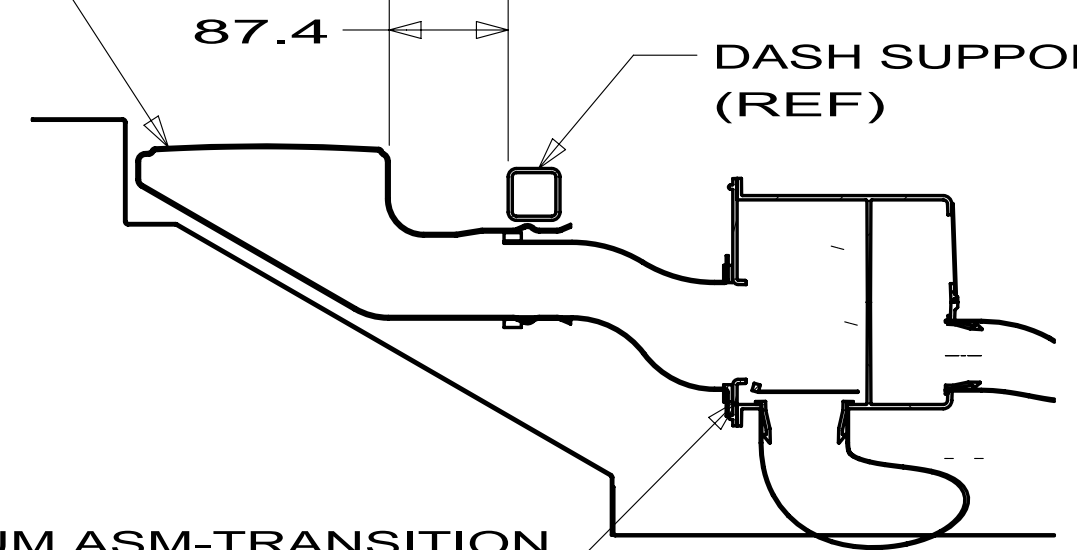
BRACKET-AIR BOX
176015-03-CHT
SCREW
000G19-10-20B (2)
NUT
000D24-10-00B (2)
SCREW
000G39-08-08B (2)

PLENUM-DEFROSTER
(REF)

DASH SUPPORT TUBE
(REF)

PLENUM ASM-TRANSITION
176003-03-XXX

SECTION BA-BA



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

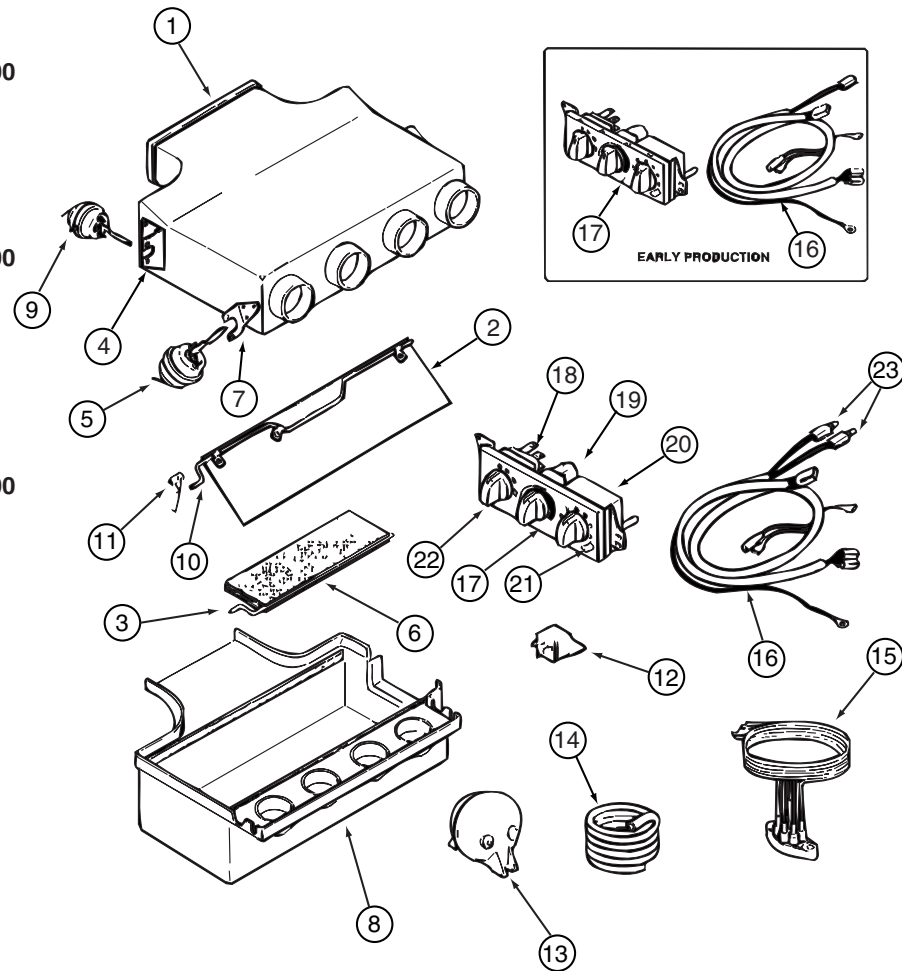
KEY	PART NUMBER	U/M DESCRIPTION
	103930-47-700	EA HOSE - #6-EVAP/DRIER - 2.2'
	113245-01-710	EA O'RING, #12

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)

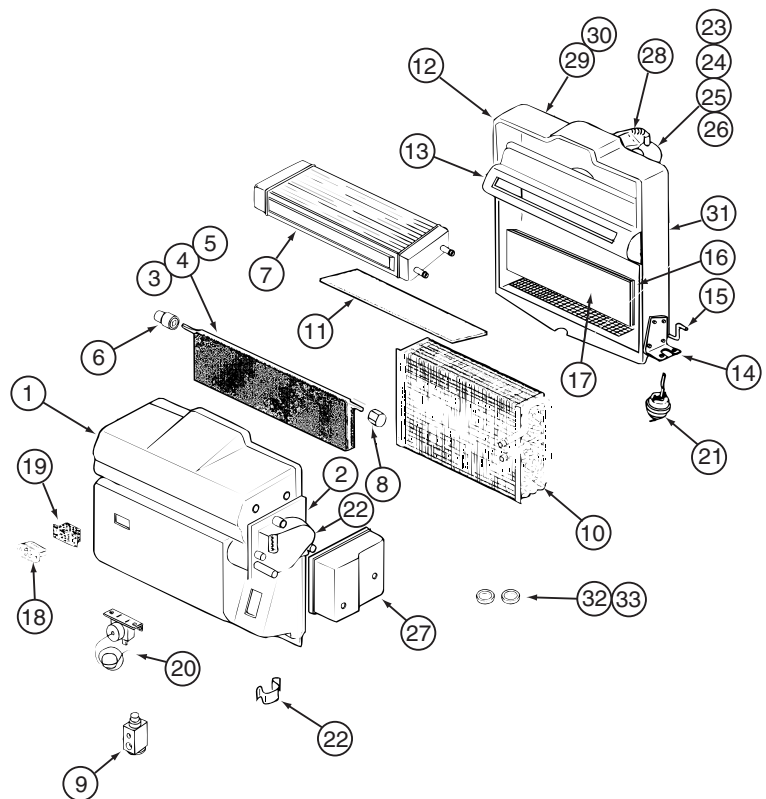


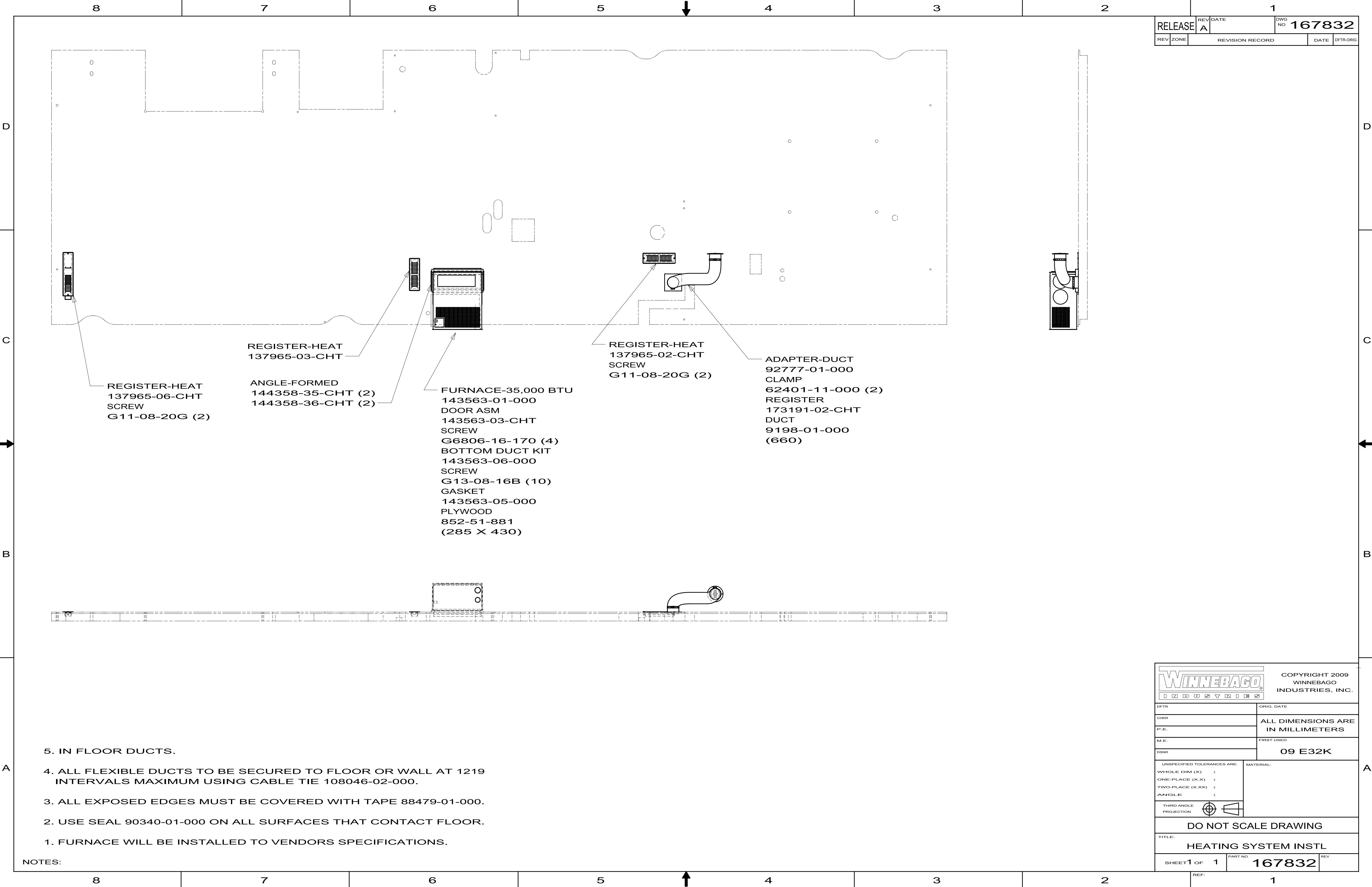
KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

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





RELEASE		REV	DATE	DWG NO	167832
REV	ZONE	REVISION RECORD			DATE
					DFTR-ORIG

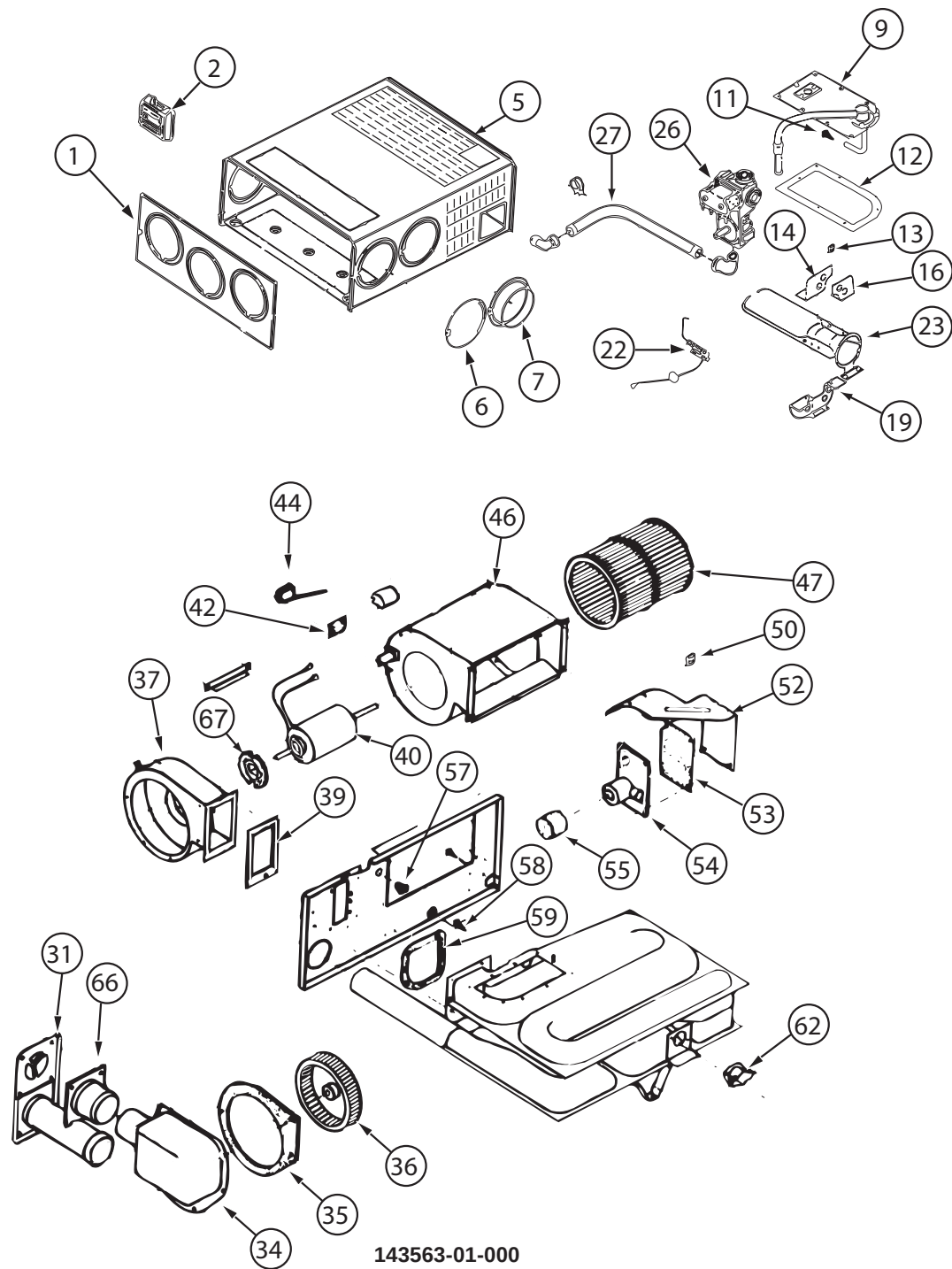
- REGISTER-HEAT
137965-03-CHT
- REGISTER-HEAT
137965-06-CHT
SCREW
G11-08-20G (2)
- ANGLE-FORMED
144358-35-CHT (2)
144358-36-CHT (2)
- FURNACE-35,000 BTU
143563-01-000
DOOR ASM
143563-03-CHT
SCREW
G6806-16-170 (4)
BOTTOM DUCT KIT
143563-06-000
SCREW
G13-08-16B (10)
GASKET
143563-05-000
PLYWOOD
852-51-881
(285 X 430)
- REGISTER-HEAT
137965-02-CHT
SCREW
G11-08-20G (2)
- ADAPTER-DUCT
92777-01-000
CLAMP
62401-11-000 (2)
REGISTER
173191-02-CHT
DUCT
9198-01-000
(660)

5. IN FLOOR DUCTS.
4. ALL FLEXIBLE DUCTS TO BE SECURED TO FLOOR OR WALL AT 1219 INTERVALS MAXIMUM USING CABLE TIE 108046-02-000.
3. ALL EXPOSED EDGES MUST BE COVERED WITH TAPE 88479-01-000.
2. USE SEAL 90340-01-000 ON ALL SURFACES THAT CONTACT FLOOR.
1. FURNACE WILL BE INSTALLED TO VENDORS SPECIFICATIONS.

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INDUSTRIES

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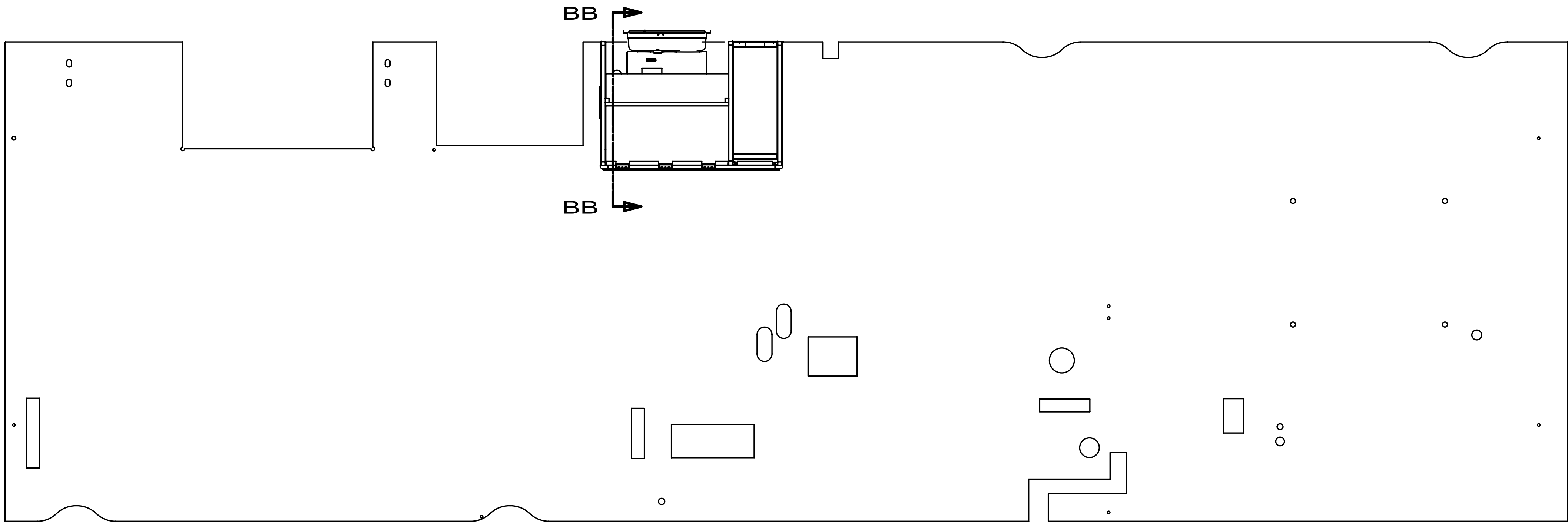
DFTR	ORIG. DATE
CHRR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	
DSNR	FIRST USED
09 E32K	
UNSPECIFIED TOLERANCES ARE:	
WHOLE DIM (X)	±
ONE-PLACE (X.X)	±
TWO-PLACE (X.XX)	±
ANGLE	±
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	
TITLE: HEATING SYSTEM INSTL	
SHEET1 OF 1	PART NO 167832
REF:	1



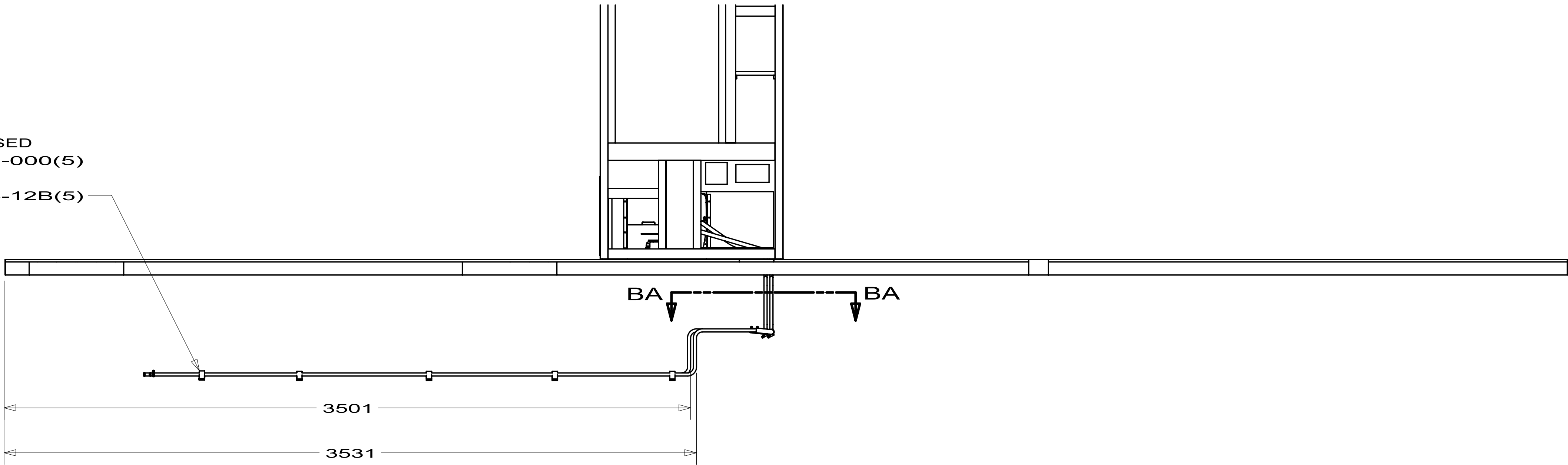
143563-01-000

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)	



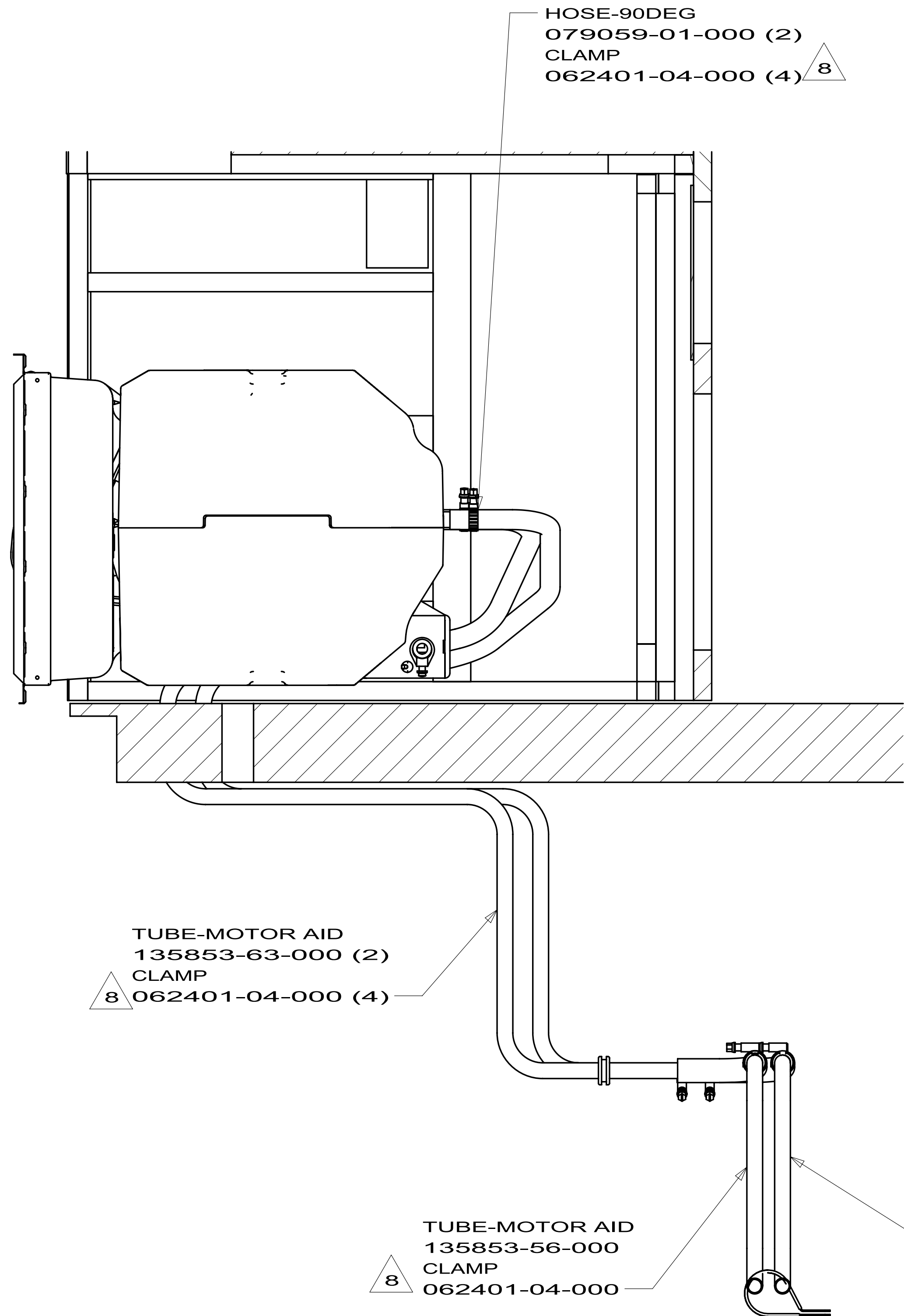
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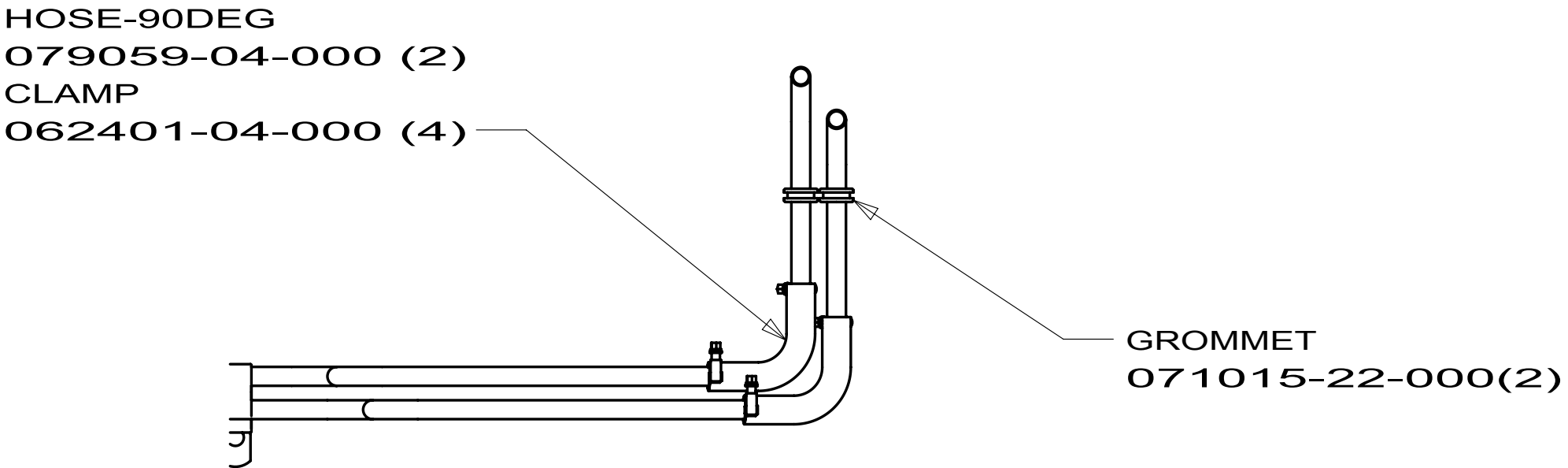
8. TORQUE TO 20±3 IN-LBS.

- WHERE THE MOTOR AID TUBE COMES IN CONTACT WITH ANY CHASSIS COMPONENT OTHER THAN THE FRAME RAILS, IT SHALL BE PROTECTED BY CONVOLUTED CONDUIT 041953-02-000.
- ANTIFREEZE - COOLANT
007316-01-000 (ALL-GREEN COLOR, EXCEPT CHEVY ORANGE)
007316-02-000 (CHEVY-ORANGE COLOR)
50-50 MIXTURE ANTIFREEZE & CLEAN WATER.
- SEE HEATER & A/C INSTL TO CONNECT HOSES FROM ENGINE.
- SECURE DUCTS AT ALL JOINTS WITH AT LEAST TWO WRAPS OF TAPE 009200-01-000 AND TIGHTEN WITH CLAMP.
- SLIP JOINTS TO HAVE AN OVERLAP OF 25 mm MINIMUM.
- SPLICE TUBES FOR MOTOR AID USING UNION 089353-01-000 AS REQUIRED.
- EXTERIOR OPENINGS AROUND PIPE TO BE SEALED WITH 069640-02-000.

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DTFR		ORIG. DATE	
CHRR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.		FIRST USED	
M.E.		10 E32K	
DSNR		MATERIAL:	
UNSPECIFIED TOLERANCES ARE:		THIRD ANGLE PROJECTION	
WHOLE DIM (X) : 3		DO NOT SCALE DRAWING	
ONE-PLACE (X.X) : 1.5		TITLE: MOTOR AID INSTL	
TWO-PLACE (X.XX) : 0.50		SHEET 1 OF 2	
ANGLE : 1°		PART NO 171983	
REF:		REV	

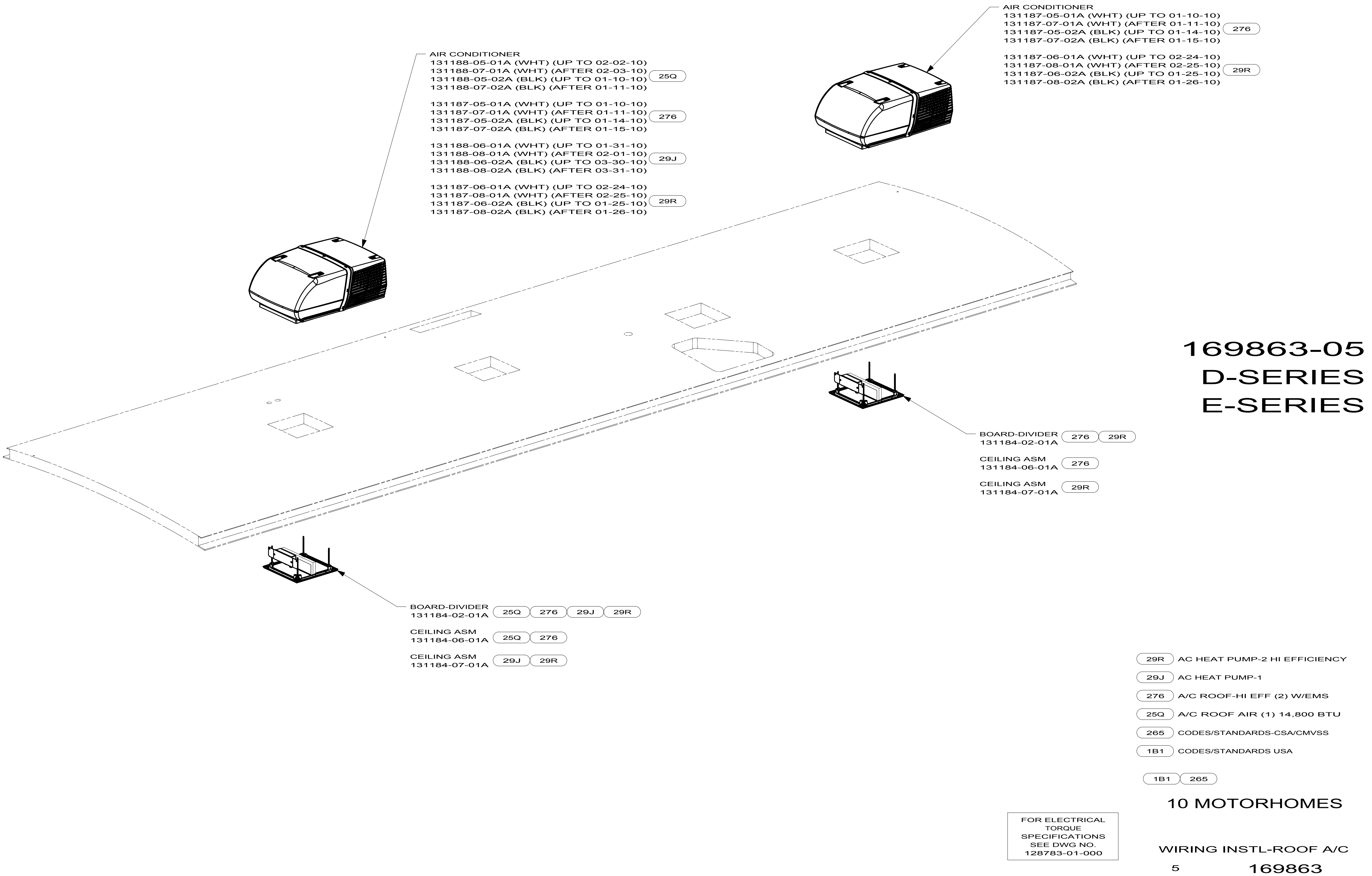


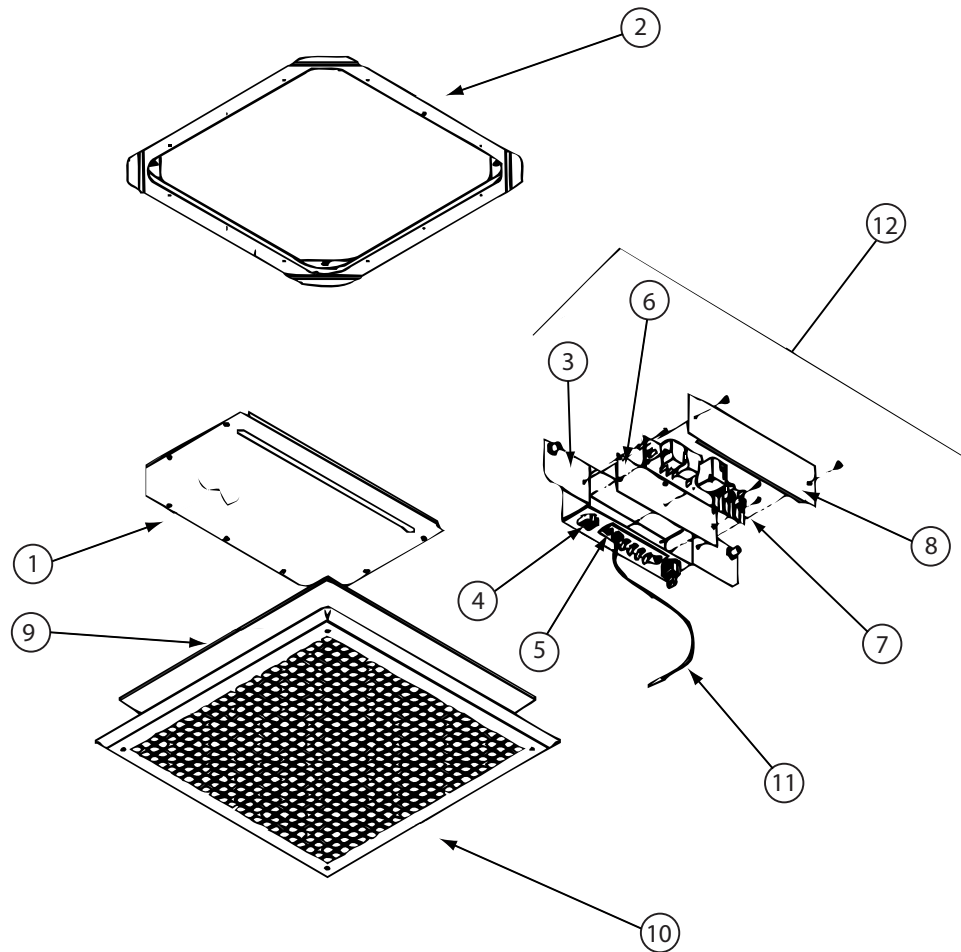
SECTION BB-BB
(ROTATED)



SECTION BA-BA

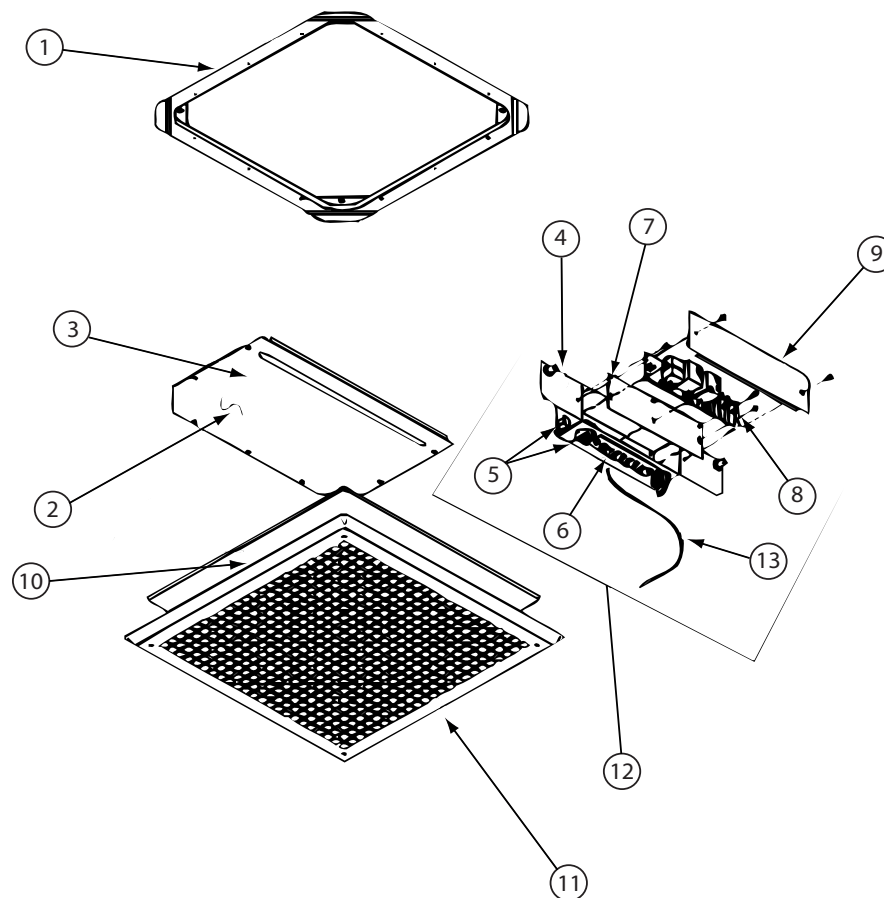
FIRST USED			
10 E32K			
DO NOT SCALE DRAWING			
TITLE:			
MOTOR AID INSTL			
SHEET 2		PART NO	REV
		171983	





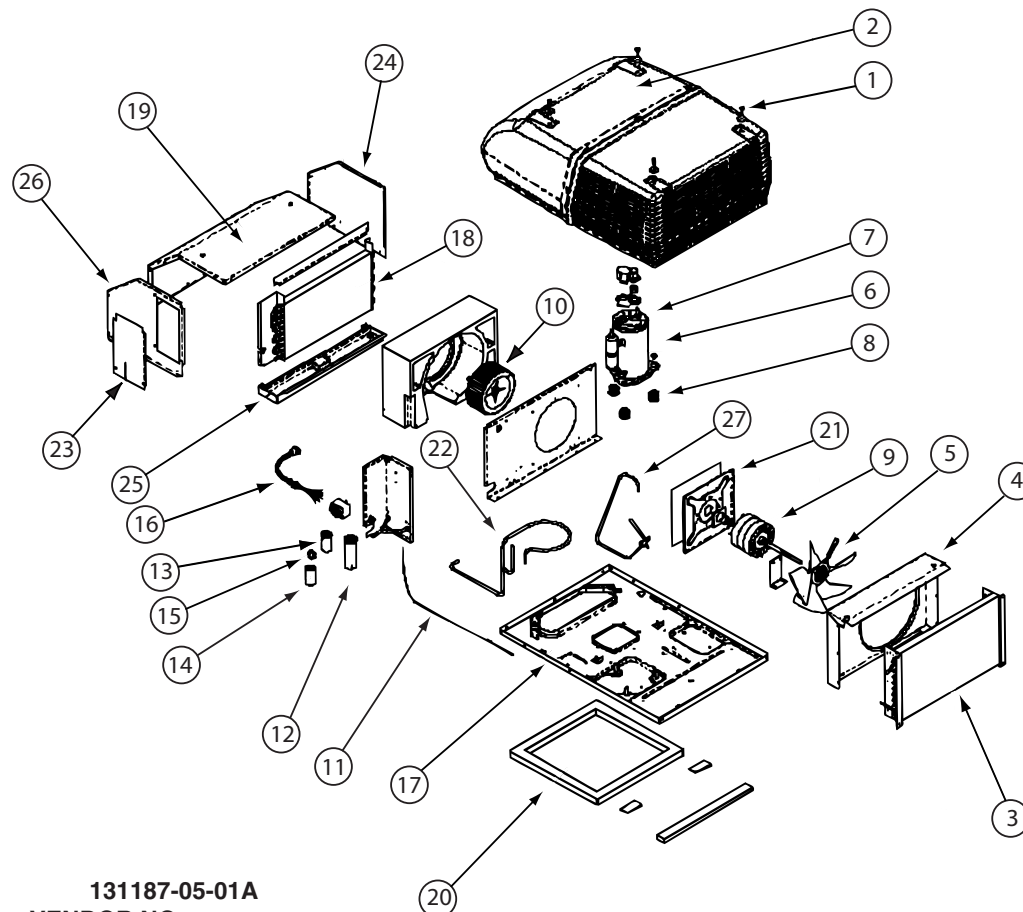
131184-06-01A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
4	131184-01-700	EA	PLUG ASSEMBLY	7330A389
5	131184-01-701	EA	TERMINAL BOARD	7330B3201
6	131184-01-702	EA	ISOLATOR - BLANK	7330C365
7	131184-03-700	EA	BOARD - P.C.	7330D3211
9	108892-01-703	EA	FILTER	6798A3761
10	108892-01-704	EA	GRILLE 16 3/8X16 3/8 RETURN	6798-3041
11	105620-12-719	EA	COIL SENSOR	7330A3231
12	131184-01-705	EA	JUNCTION BOX ASSEMBLY	7330B5551
	131184-01-703	EA	SMALL PARTS PKG	8330-5961
	131184-01-706	EA	NUT/WING	1200-550
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	



131184-07-01A

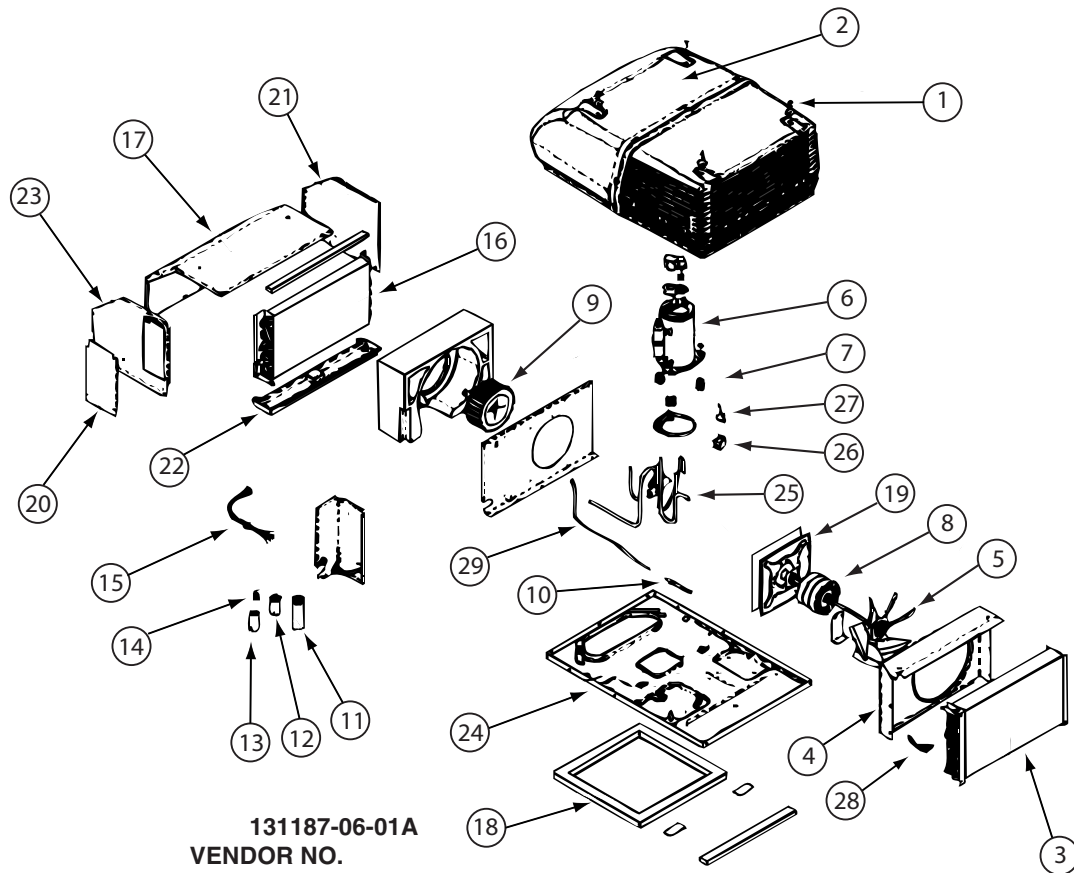
KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
4	131184-04-703	EA	BOX - JUNCTION	7330-113
5	131184-04-700	EA	PLUG ASSEMBLY	7530A340
6	131184-04-702	EA	BOARD - TERMINAL	7530B3201
7	131184-01-702	EA	ISOLATOR - BLANK	7330C365
8	131184-04-705	EA	BOARD - P.C.	7330B3311
10	108892-01-703	EA	FILTER	6798A3761
11	108892-01-704	EA	GRILLE 16 3/8X16 3/8 RETURN	6798-3041
12	131184-04-706	EA	JUNCTION BOX ASM.(HEAT PUMP)	7530-508
13	105620-12-719	EA	COIL SENSOR	7330A3231
	131184-01-706	EA	NUT/WING	1200-550
	131184-07-700	EA	SMALL PARTS PKG	8330-5951
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	



131187-05-01A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131187-05-700	EA	SHROUD-ROOF AIR/2 PIECE-WHT	8335-5261
3	115219-01-700	EA	COIL-CONDENSER	1452A1321
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	126860-01-700	EA	COMPRESSOR RK136AT-002-A4Y	1450A2119
7	126860-01-701	EA	OVERLOAD PROTECTOR MRA# 1460	1450-0071
8	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
9	131186-01-700	EA	MOTOR - 115V, 60 HURTZ	1468-3109
10	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
12	123859-01-703	EA	CAPACITOR - RUN	1499-5671
13	093763-01-704	EA	CAPACITOR-FAN (INDOOR MOTOR)	1499-5461
15	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
18	131186-01-701	EA	EVAPORATOR COIL	1452-1521
20	037648-01-714	EA	GASKET PACKAGE	8332-3301
21	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
22	126859-01-706	EA	LINE - SUCTION	7532A130
	131188-05-702	EA	SHROUD BRACKET	8333B1551
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT				

131187-05-02A			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
2	131188-05-701	EA SHROUD-ROOF AIR/2 PIECE-BLK	8335-5291
3	115219-01-700	EA COIL-CONDENSER	1452A1321
4	131187-03-700	EA SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA BLADE-FAN-CONDENSER	6733-3221
6	126860-01-700	EA COMPRESSOR RK136AT-002-A4Y	1450A2119
7	126860-01-701	EA OVERLOAD PROTECTOR MRA# 1460	1450-0071
9	131186-01-700	EA MOTOR - 115V, 60 HURTZ	1468-3109
10	131185-01-702	EA BLOWER WHEEL PACKAGE	1472-1091
12	123859-01-703	EA CAPACITOR - RUN	1499-5671
13	093763-01-704	EA CAPACITOR-FAN (INDOOR MOTOR)	1499-5461
15	105620-10-705	EA PTCR (START DEVICE) - W/CAP.	8333A9021
18	131186-01-701	EA EVAPORATOR COIL	1452-1521
20	037648-01-714	EA GASKET PACKAGE	8332-3301
21	131185-01-704	EA MOTOR MOUNT & SEAL KIT	8333-5151
22	126859-01-706	EA LINE - SUCTION	7532A130
	131188-05-702	EA SHROUD BRACKET	8333B1551
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT			

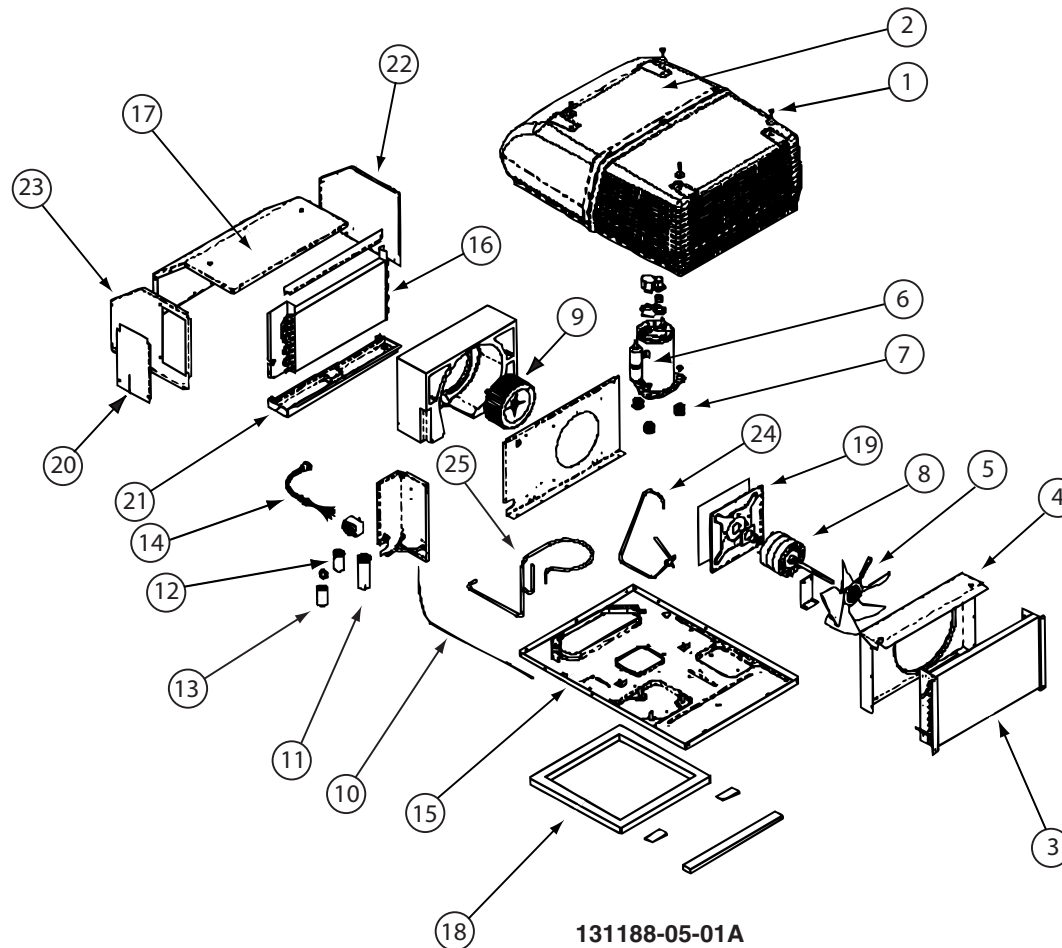


131187-06-01A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-700	EA	SHROUD-ROOF AIR/2 PIECE-WHT	8335-5261
3	131188-02-700	EA	CONDENSER COIL	1452-1441
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	126860-01-700	EA	COMPRESSOR RK136AT-002-A4Y	1450A2119
7	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
8	131186-01-700	EA	MOTOR - 115V, 60 HURTZ	1468-3109
9	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
10	105620-12-711	EA	RESTRICTOR - BY FLOW	1454-2521
11	126859-01-703	EA	CAPACITOR - RUN	1499-5671
12	093763-01-704	EA	CAPACITOR-FAN (INDOOR MOTOR)	1499-5461
13	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
16	131187-06-700	EA	EVAPORATOR COIL	1452-1711
18	037648-01-714	EA	GASKET PACKAGE	8332-3301
19	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
26	105620-12-708	EA	COIL - SOLENOID	1460-1081
28	131188-02-706	EA	SWITCH - FREEZE	1460-2041
29	131188-02-707	EA	LIQUID LINE	7535-135
	131188-05-702	EA	SHROUD BRACKET	8333B1551
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT				

131187-06-02A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-701	EA	SHROUD-ROOF AIR/2 PIECE-BLACK	8335-5261
3	131188-02-700	EA	CONDENSER COIL	1452-1441
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	126860-01-700	EA	COMPRESSOR RK136AT-002-A4Y	1450A2119
7	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
8	131186-01-700	EA	MOTOR - 115V, 60 HURTZ	1468-3109
9	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
10	105620-12-711	EA	RESTRICTOR - BY FLOW	1454-2521
11	126859-01-703	EA	CAPACITOR - RUN	1499-5671
12	093763-01-704	EA	CAPACITOR-FAN (INDOOR MOTOR)	1499-5461
16	131187-06-700	EA	EVAPORATOR COIL	1452-1711
18	037648-01-714	EA	GASKET PACKAGE	8332-3301
19	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
26	105620-12-708	EA	COIL - SOLENOID	1460-1081
28	131188-02-706	EA	SWITCH - FREEZE	1460-2041
29	131188-02-707	EA	LIQUID LINE	7535-135
	131188-05-702	EA	SHROUD BRACKET	8333B1551
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT	



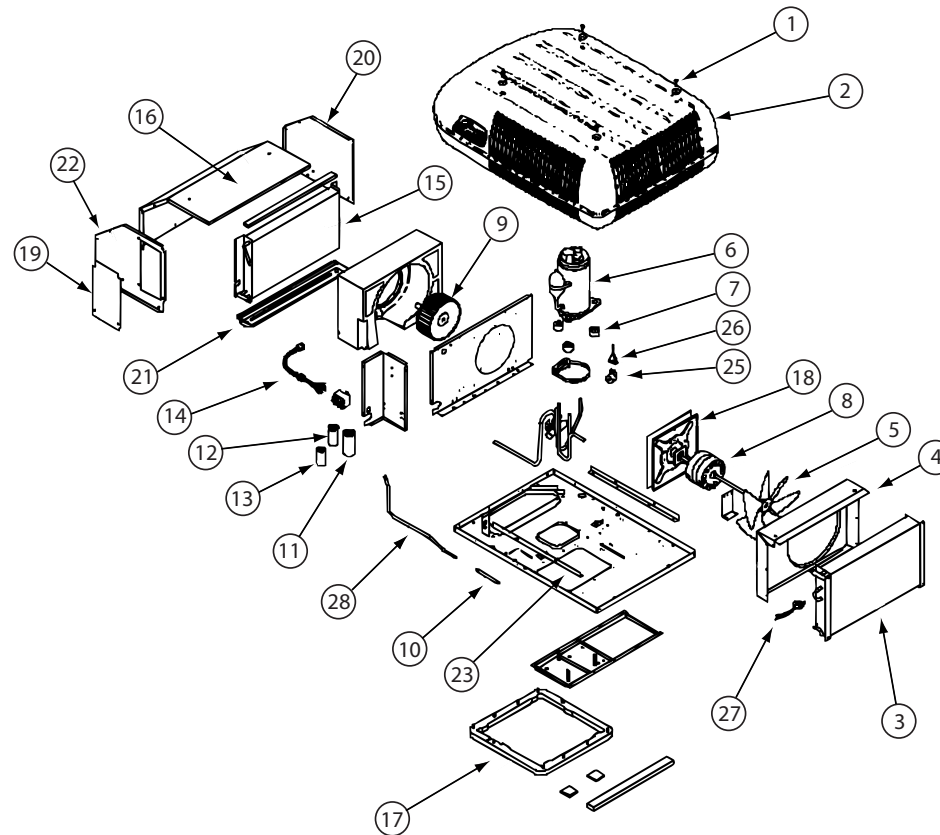
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131188-05-01A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-700	EA	SHROUD-ROOF AIR/2 PIECE-WHT	8335-5261
3	115219-01-700	EA	COIL-CONDENSER	1452A1321
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	131188-05-703	EA	COMPRESSOR (TECUMSEH)	1450B2299
7	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
8	131185-01-701	EA	MOTOR (115V, 60HZ)	1468-3069
9	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
11	126859-01-703	EA	CAPACITOR - RUN	1499-5671
12	093763-01-704	EA	CAPACITOR-FAN (ID/OD MOTOR)	1499-5461
13	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
16	131186-01-701	EA	EVAPORATOR COIL	1452-1521
18	037648-01-714	EA	GASKET PACKAGE	8332-3301
19	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
	105620-01-705	EA	PROTECTOR-OVERLOAD, RH & LH	6759-3791
	131188-05-702	EA	SHROUD BRACKET	8333B1551
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)				

131188-05-02A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-701	EA	SHROUD-ROOF AIR/2 PIECE-BLK	8335-5291
3	115219-01-700	EA	COIL-CONDENSER	1452A1321
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	131188-05-703	EA	COMPRESSOR (TECUMSEH)	1450B2299
7	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
8	131185-01-701	EA	MOTOR (115V, 60HZ)	1468-3069
9	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
11	126859-01-703	EA	CAPACITOR - RUN	1499-5671
12	093763-01-704	EA	CAPACITOR-FAN (ID/OD MOTOR)	1499-5461
13	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
16	131186-01-701	EA	EVAPORATOR COIL	1452-1521
18	037648-01-714	EA	GASKET PACKAGE	8332-3301
19	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
	105620-01-705	EA	PROTECTOR-OVERLOAD, RH & LH	6759-3791
	131188-05-702	EA	SHROUD BRACKET	8333B1551
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	



131188-06-01A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-700	EA	SHROUD-ROOF AIR/2 PIECE-WHT	8335-5261
3	131188-02-700	EA	CONDENSER COIL	1452-1441
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	131188-05-703	EA	COMPRESSOR (TECUMSEH)	1450B2299
7	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
8	131185-01-701	EA	MOTOR (115V, 60HZ)	1468-3069
9	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
11	105620-12-725	EA	COMPRESSOR RUN CAPACITOR	1499-5731
12	093763-01-704	EA	CAPACITOR-FAN (ID/OD MOTOR)	1499-5461
13	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
15	131186-01-701	EA	EVAPORATOR COIL	1452-1521
17	037648-01-714	EA	GASKET PACKAGE	8332-3301
18	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
25	105620-12-708	EA	COIL - SOLENOID	1460-1081
27	131188-02-706	EA	SWITCH - FREEZE	1460-2041
28	131188-02-707	EA	LIQUID LINE	7535-135
	105620-01-705	EA	PROTECTOR-OVERLOAD, RH & LH	6759-3791
	131188-05-702	EA	SHROUD BRACKET	8333B1551
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)				

131188-06-02A

KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-701	EA	SHROUD-ROOF AIR/2 PIECE-BLK	8335-5291
3	131188-02-700	EA	CONDENSER COIL	1452-1441
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	131188-05-703	EA	COMPRESSOR (TECUMSEH)	1450B2299
7	105620-01-706	EA	MOUNTING PKG.,COMP., 3 PER	6759-3081
8	131185-01-701	EA	MOTOR (115V, 60HZ)	1468-3069
9	131185-01-702	EA	BLOWER WHEEL PACKAGE	1472-1091
11	105620-12-725	EA	COMPRESSOR RUN CAPACITOR	1499-5731
12	093763-01-704	EA	CAPACITOR-FAN (ID/OD MOTOR)	1499-5461
13	105620-10-705	EA	PTCR (START DEVICE) - W/CAP.	8333A9021
15	131186-01-701	EA	EVAPORATOR COIL	1452-1521
17	037648-01-714	EA	GASKET PACKAGE	8332-3301
18	131185-01-704	EA	MOTOR MOUNT & SEAL KIT	8333-5151
25	105620-12-708	EA	COIL - SOLENOID	1460-1081
27	131188-02-706	EA	SWITCH - FREEZE	1460-2041
28	131188-02-707	EA	LIQUID LINE	7535-135
	105620-01-705	EA	PROTECTOR-OVERLOAD, RH & LH	6759-3791
	131188-05-702	EA	SHROUD BRACKET	8333B1551
			CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)	