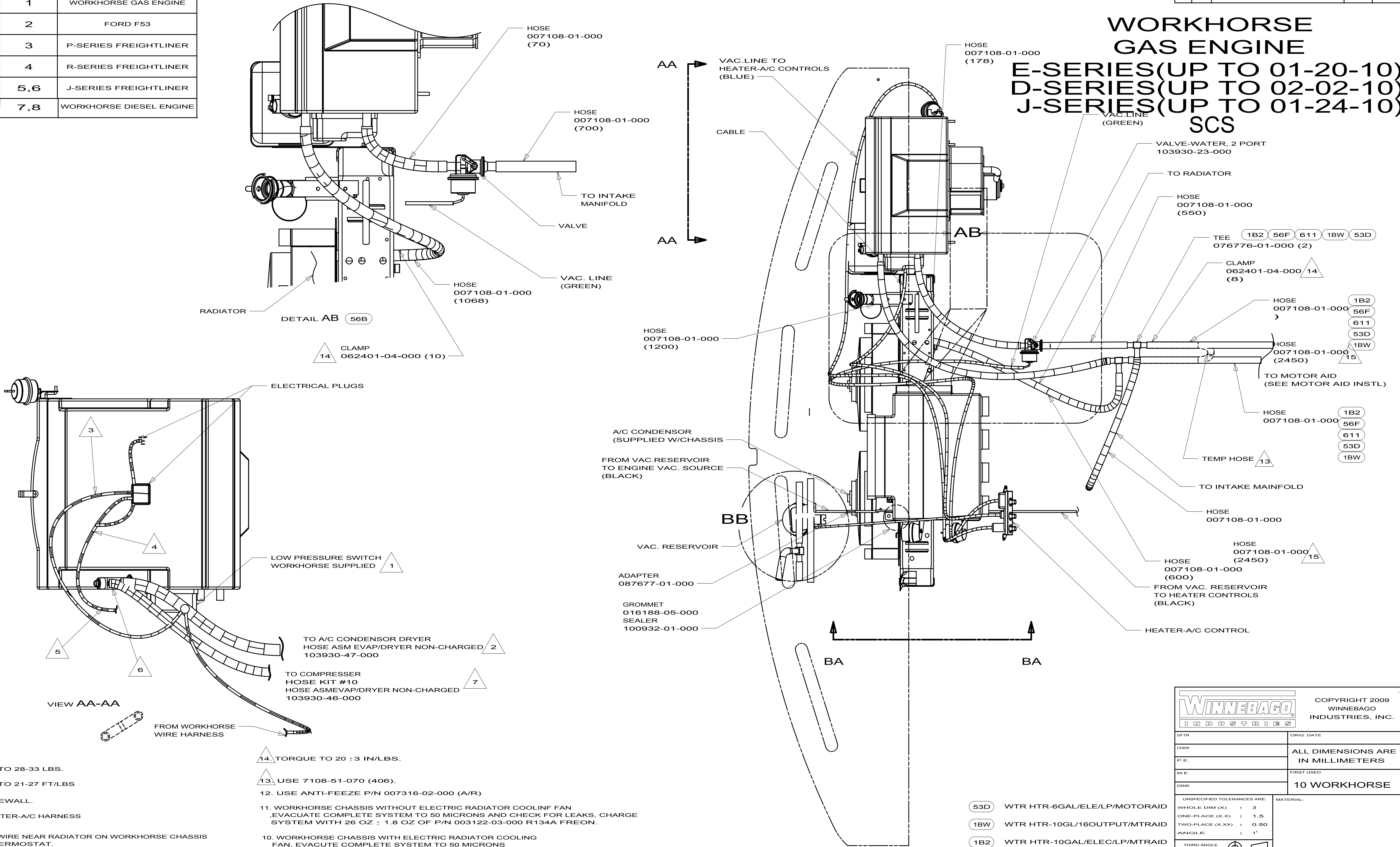


DWG NO	SHEET	CHASSIS
169851-01	1	WORKHORSE GAS ENGINE
169851-02	2	FORD F53
169851-03	3	P-SERIES FREIGHTLINER
169851-04	4	R-SERIES FREIGHTLINER
169851-05	5,6	J-SERIES FREIGHTLINER
169851-06	7,8	WORKHORSE DIESEL ENGINE

RELEASE	REV DATE	DWG NO	169851
REV ZONE	REVISION RECORD	DATE	OFFR-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.

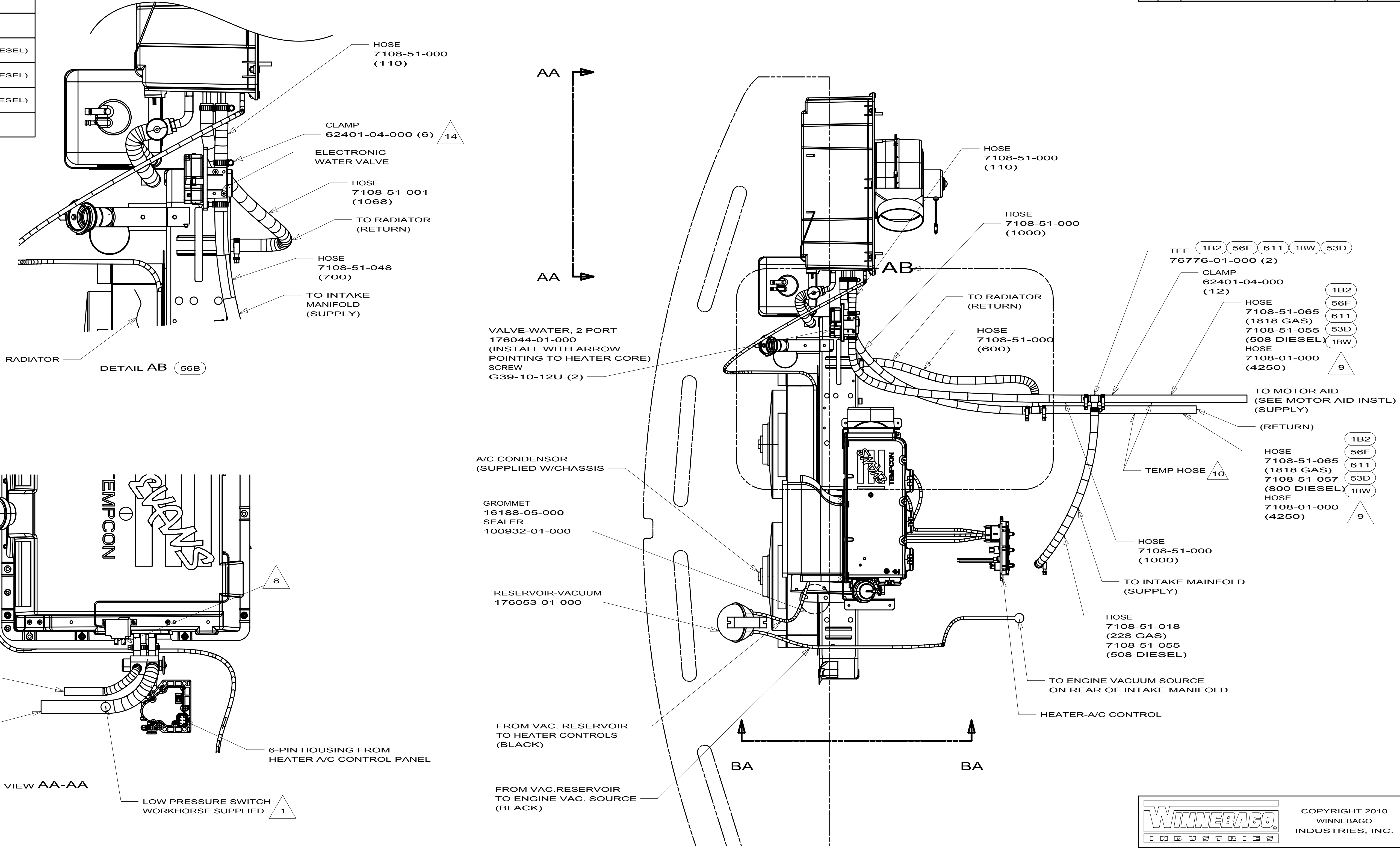
14. TORQUE TO 20 ± 3 IN/LBS.
13. USE 7108-51-070 (406).
12. USE ANTI-FEEZE P/N 007316-02-000 (A/R)
11. WORKHORSE CHASSIS WITHOUT ELECTRIC RADIATOR COOLINF FAN ,EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS, CHARGE SYSTEM WITH 26 OZ ± 1.8 OZ OF P/N 003122-03-000 R134A FREON.
10. WORKHORSE 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/MOTORAID
- 1BW WTR HTR-10GL/16OUTPUT/MTRAI
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAI
- 611 WTR HTR-AUX AUTO/MOTORAID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DTFR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHRR			
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

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

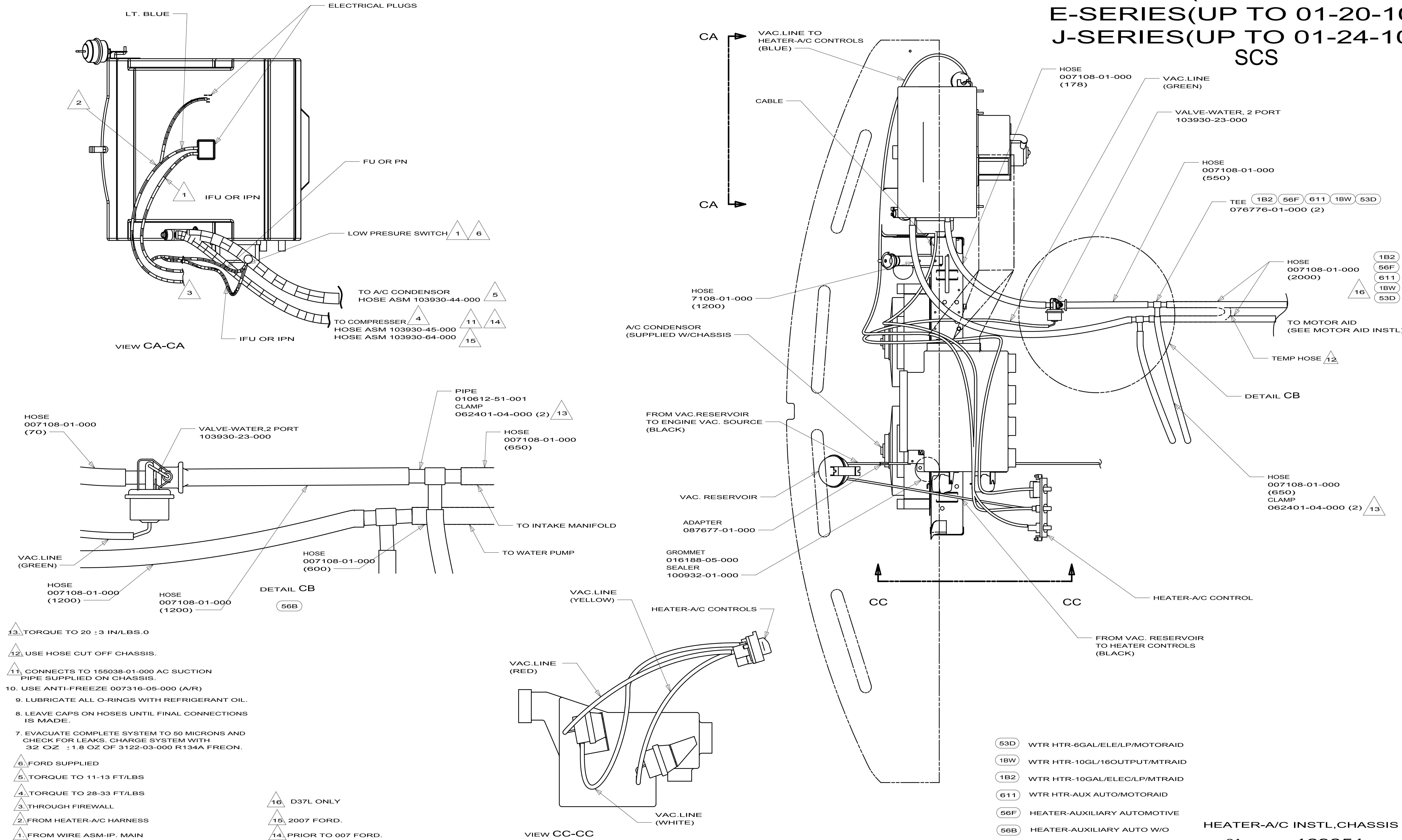
- 53D WTR HTR-6GAL/ELE/LP/MOTOR AID
- 1BW WTR HTR-10GL/16OUTPUT/MTR AID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTR AID
- 611 WTR HTR-AUX AUTO/MOTOR AID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

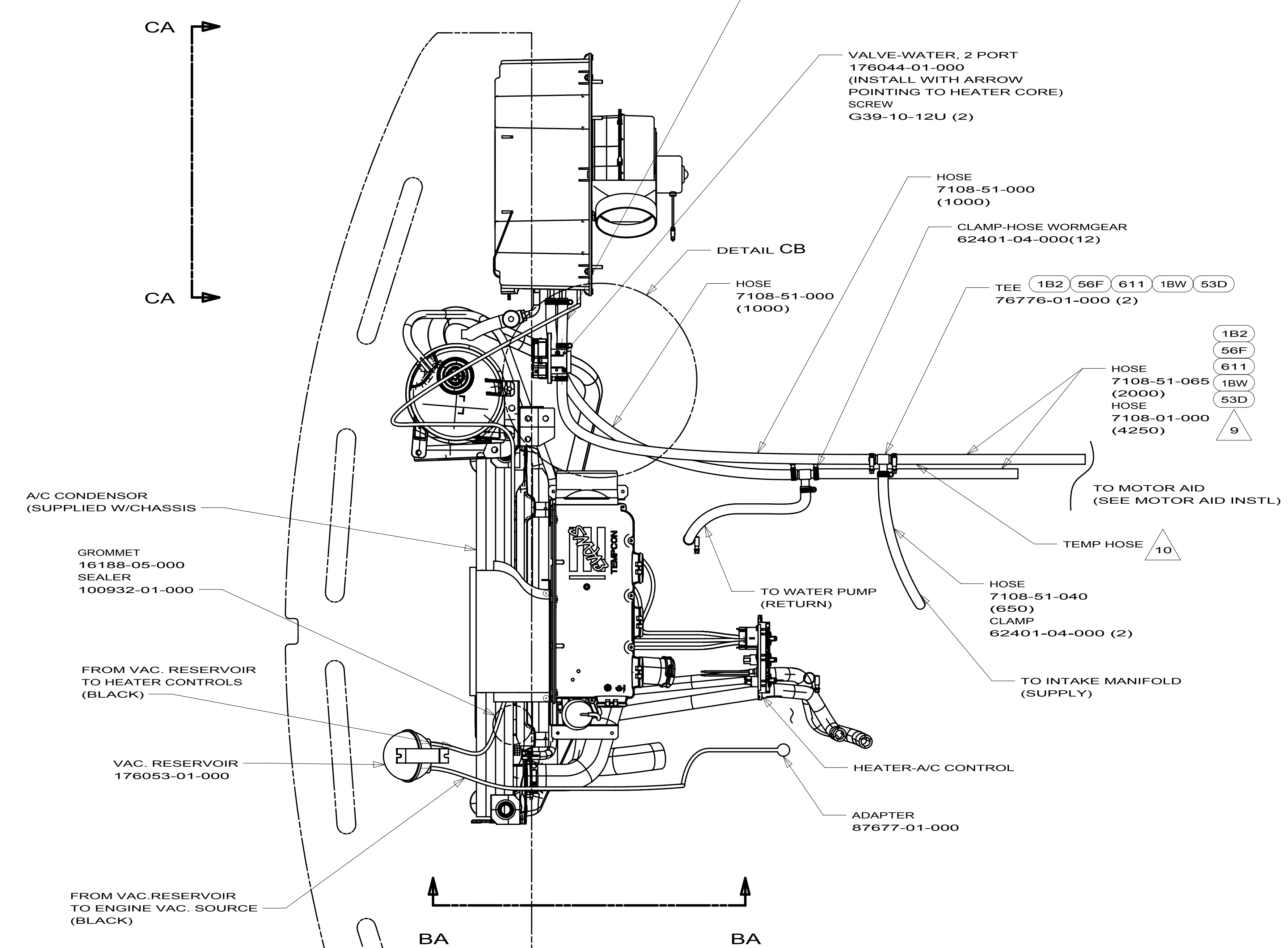
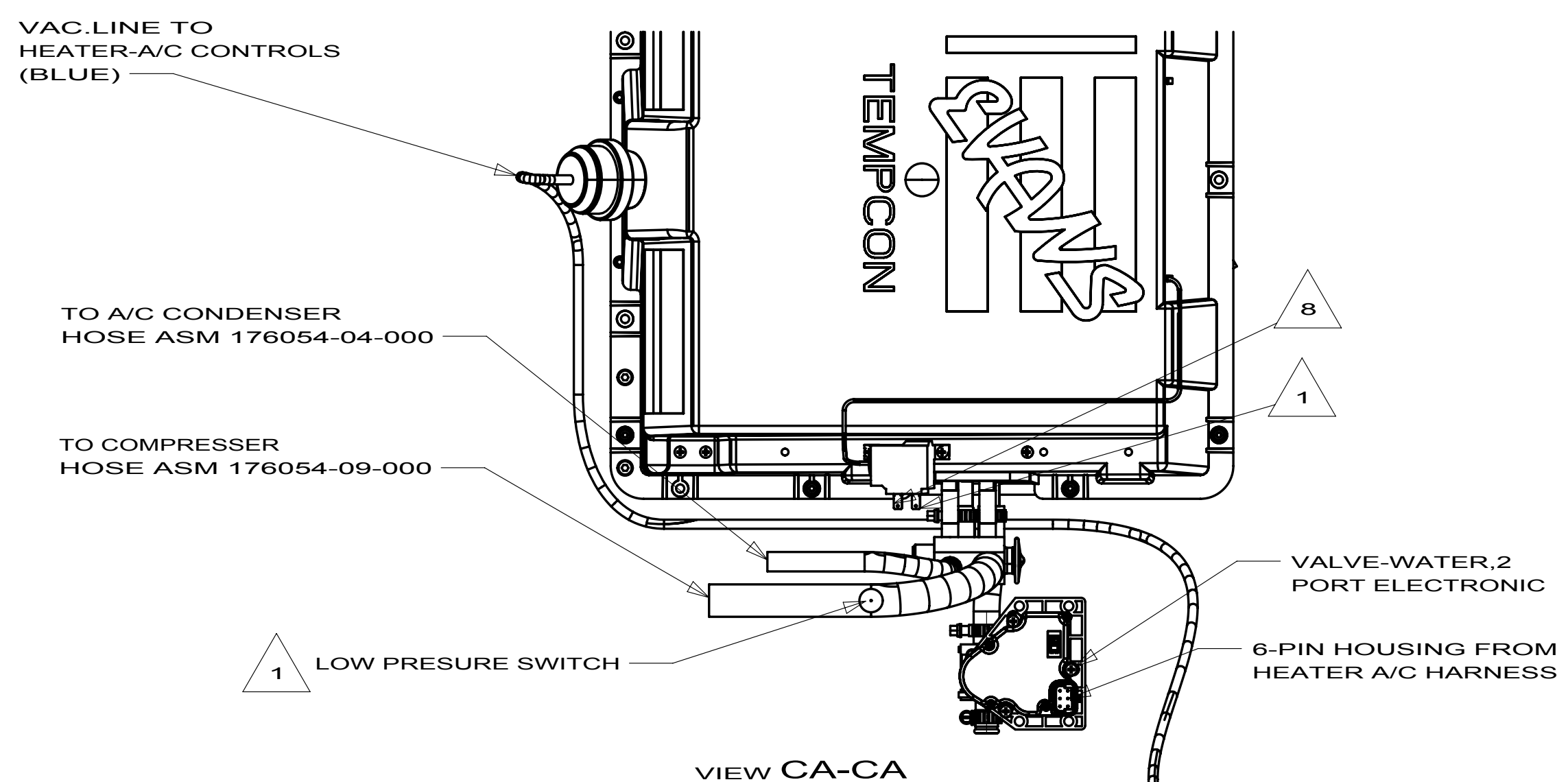
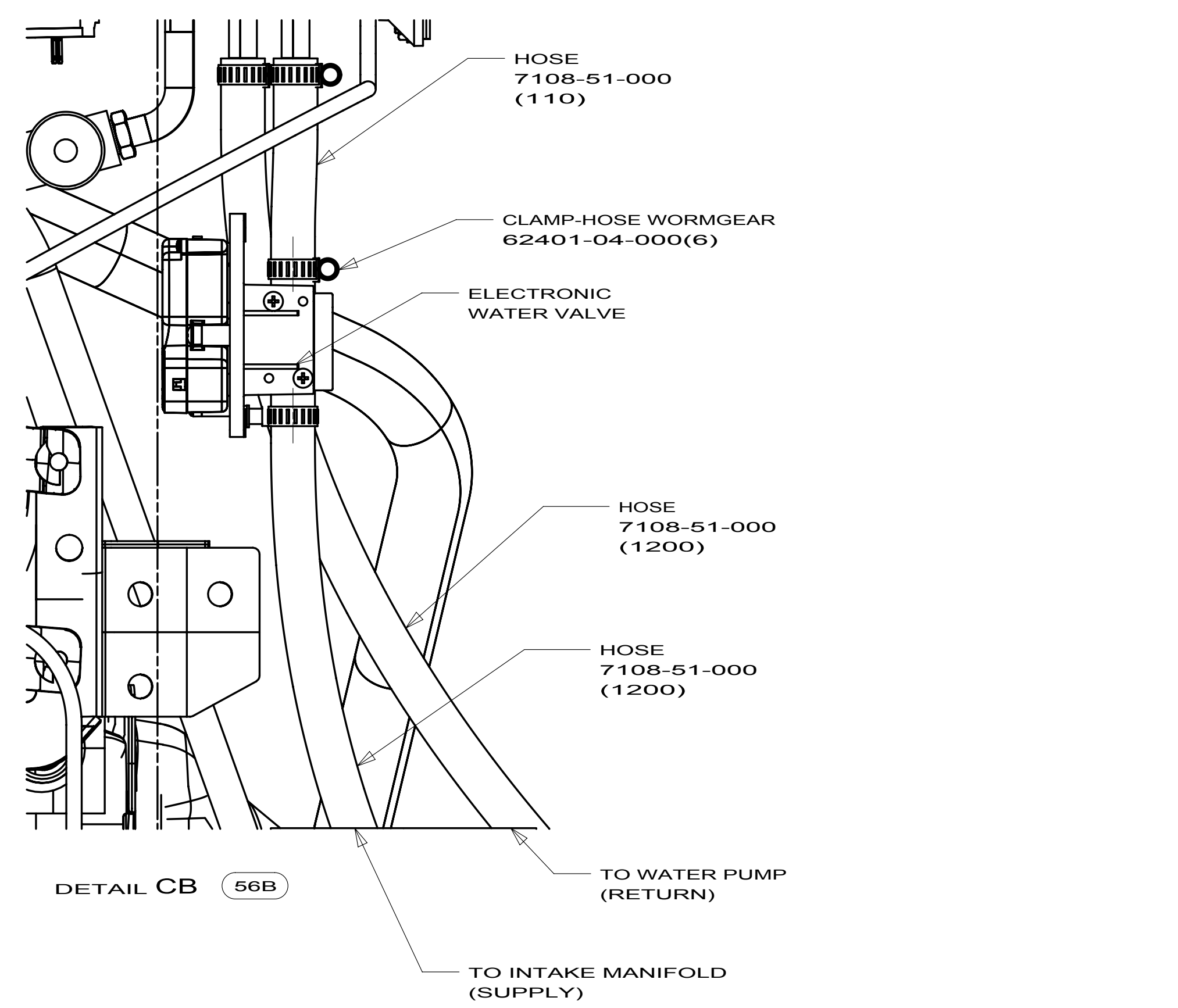
- 10 USE HOSE CUT OFF CHASSIS.
- 9 D37L ONLY.
- 8 BLUE WIRE FROM HEATER-A/C HARNESS.

- 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.

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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	

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





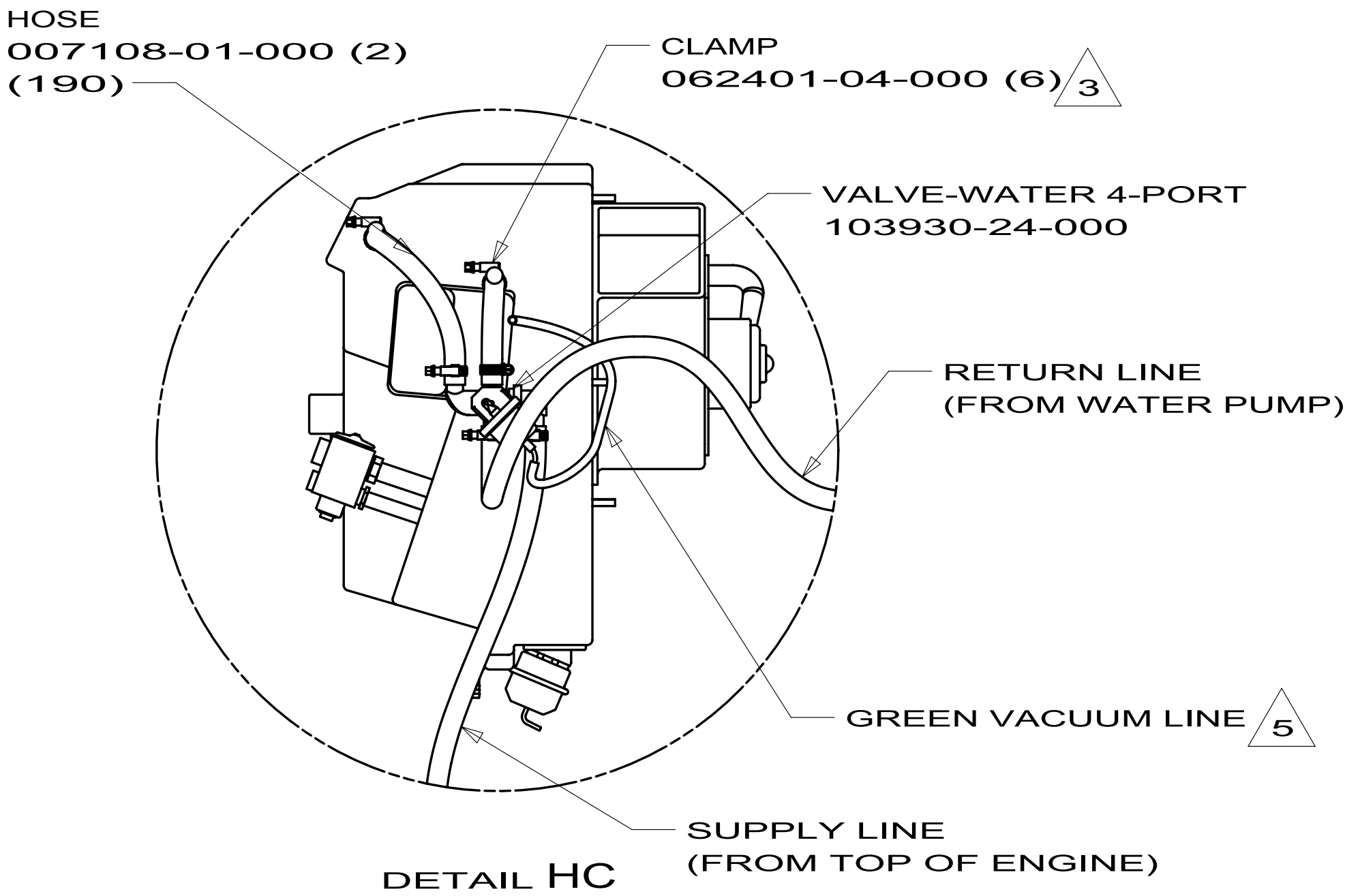
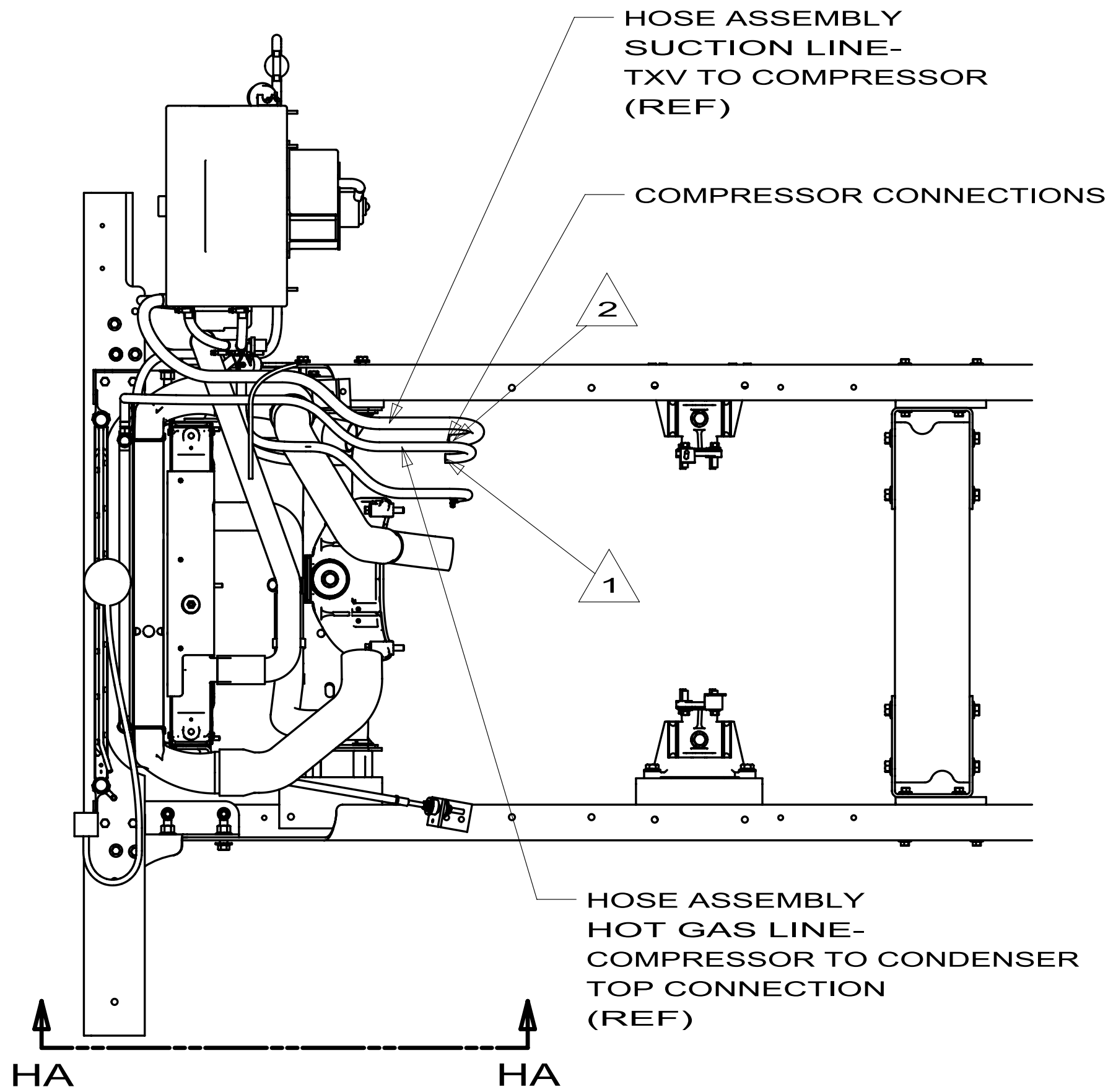
FORD F53 GAS ENGINE E-SERIES(AFTER 01-21-10) D-SERIES(AFTER 02-03-10) J-SERIES(AFTER 01-25-10) EVANS

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:

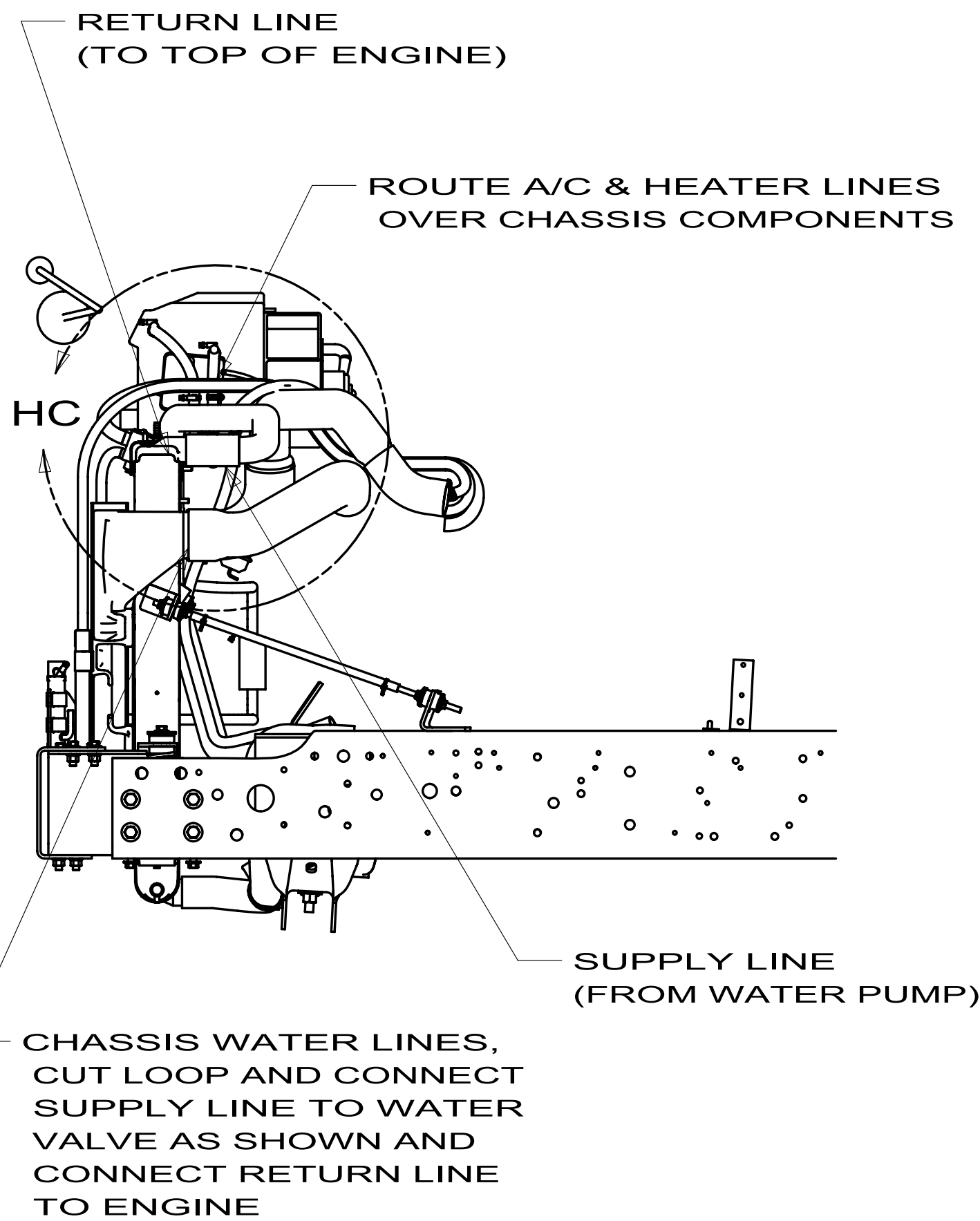
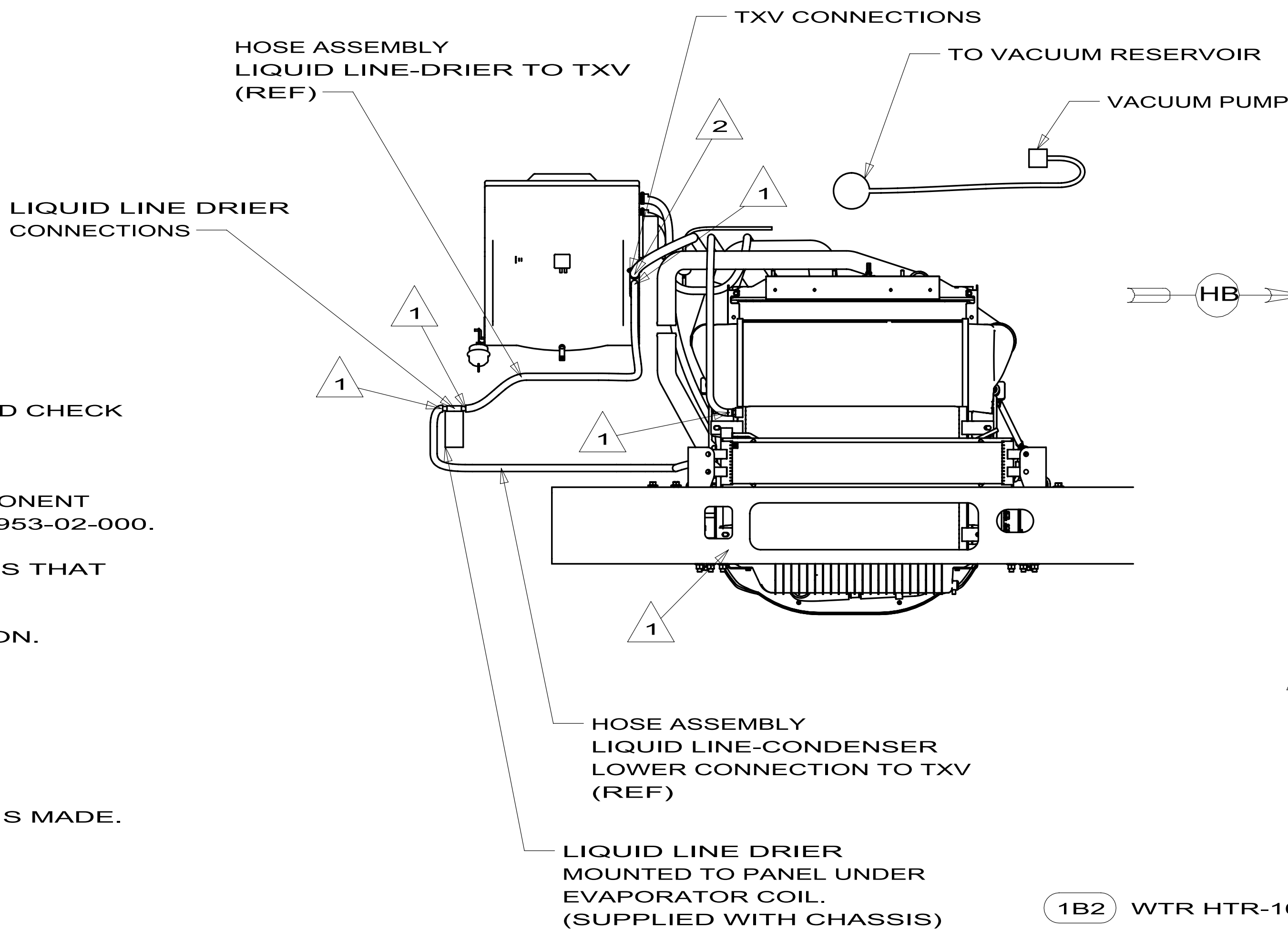
- 53D WTR HTR-6GAL/ELE/LP/MOTOR AID
- 1BW WTR HTR-10GL/16OUTPUT/MTR AID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTR AID
- 611 WTR HTR-AUX AUTO/MOTOR AID
- 56F HEATER-AUXILIARY AUTOMOTIVE
- 56B HEATER-AUXILIARY AUTO W/O

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

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

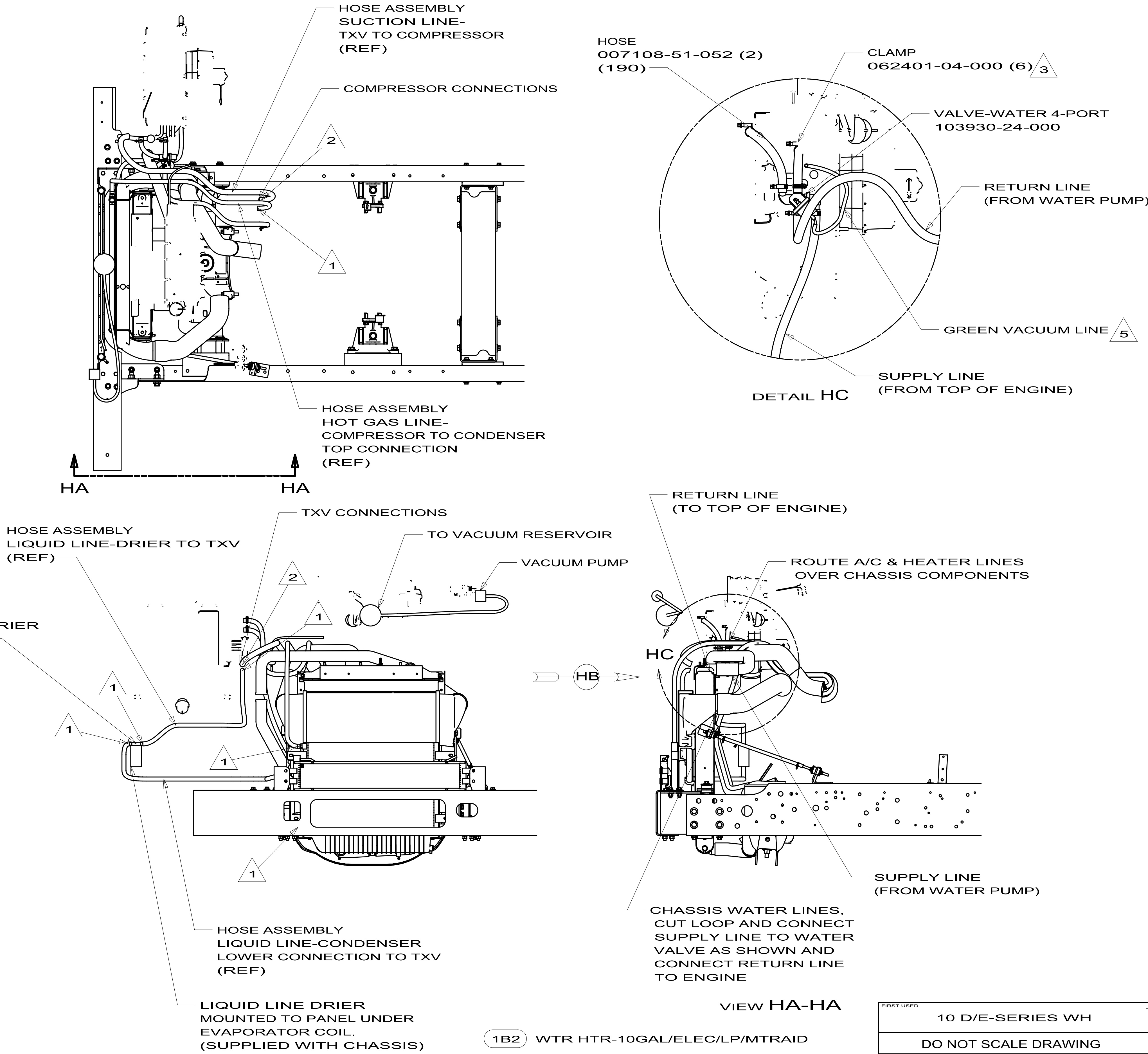
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRD
- 611 WTR HTR-AUX AUTO/MOTOROID
- 1LL FRTL (FRED) 27,000#-22.5 TIRES

HEATER-AC INSTL,CHASSIS
7A 169851

NOTES:

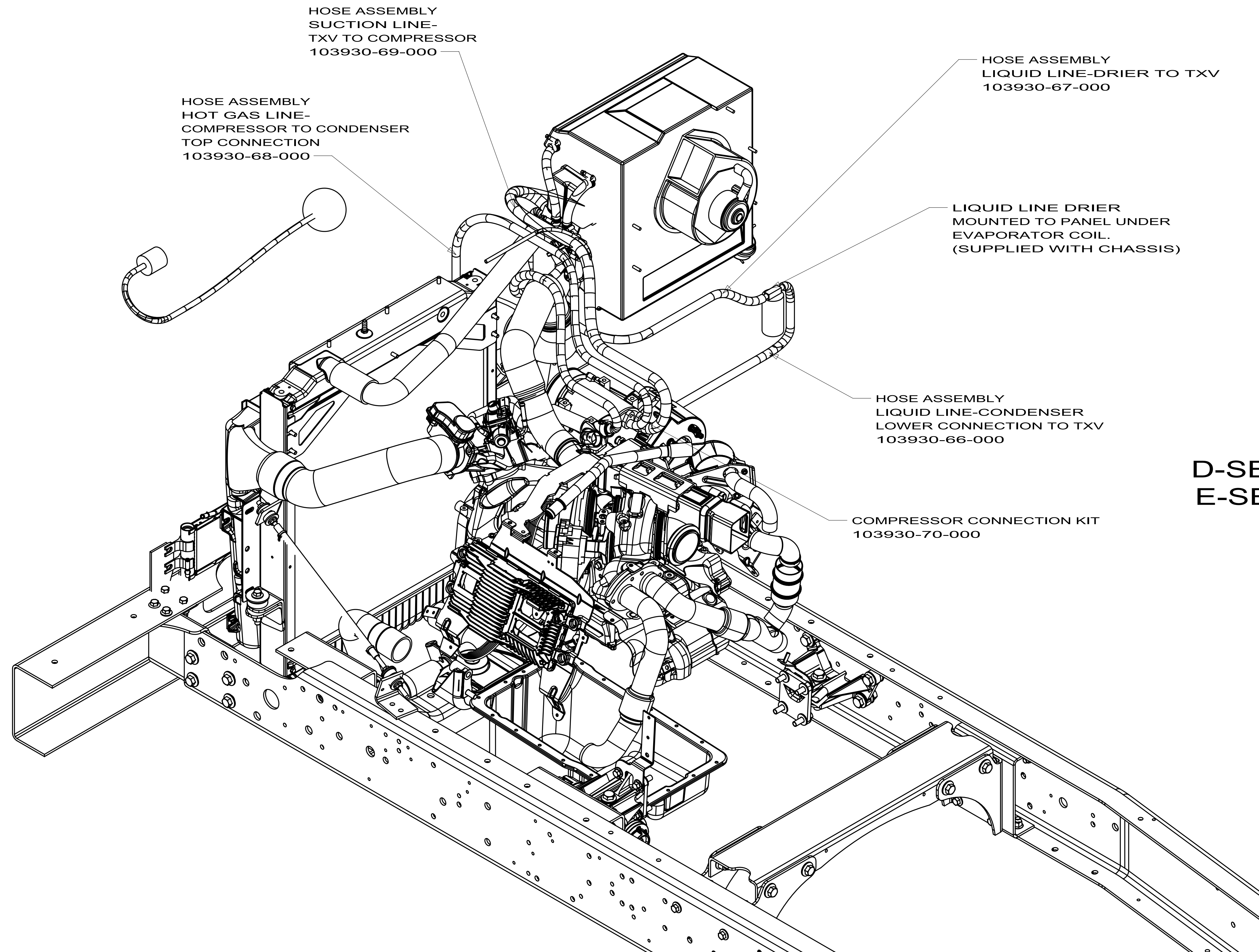
WORKHORSE DIESEL ENGINE D-SERIES(AFTER 02-03-10) E-SERIES(AFTER 01-21-10) EVANS

- 12 REQUIRED/MANDATORY - REFILLING COOLANT SYSTEM PROCESS USING COOLANT REFILL TOOL (IUVU550500INT)
- 11 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.

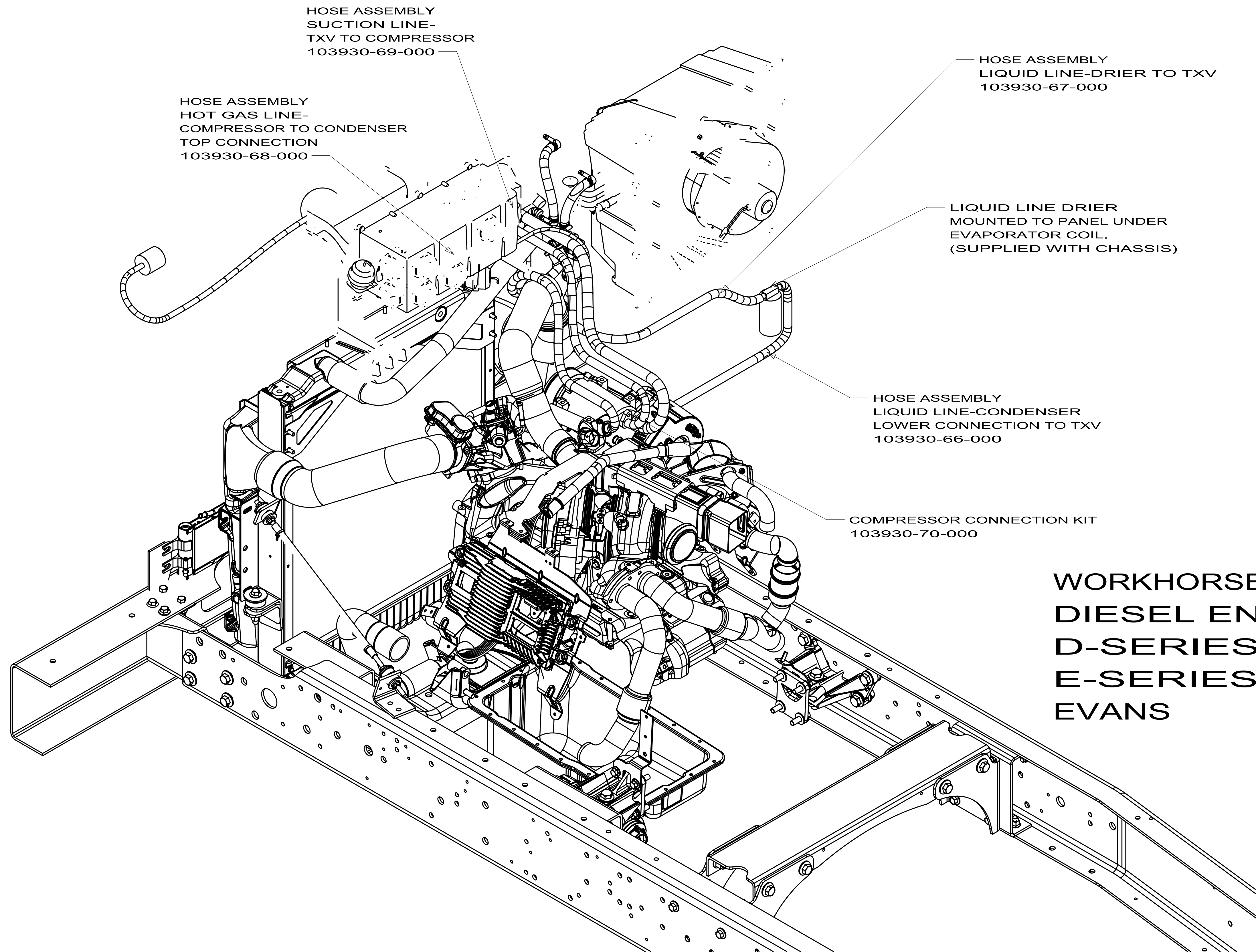


- 1B2 WTR HTR-10GAL/ELEC/LP/MTRD
- 611 WTR HTR-AUX AUTO/MOTOROID
- 1LL FRTL (FRED) 27,000#-22.5 TIRES

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



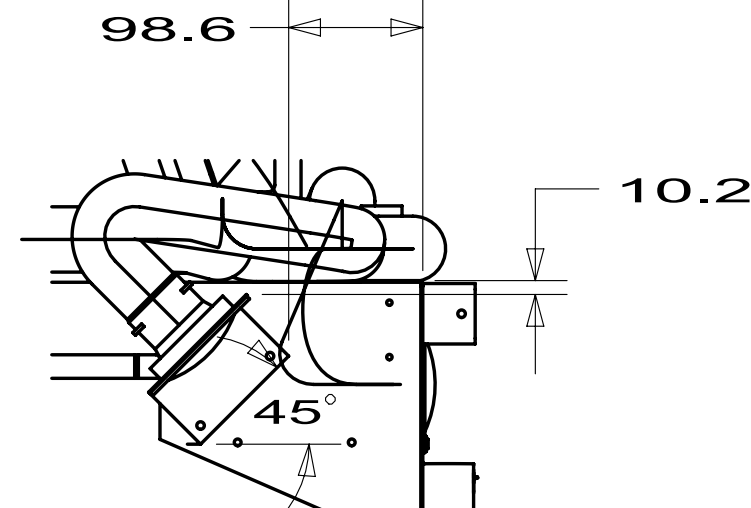
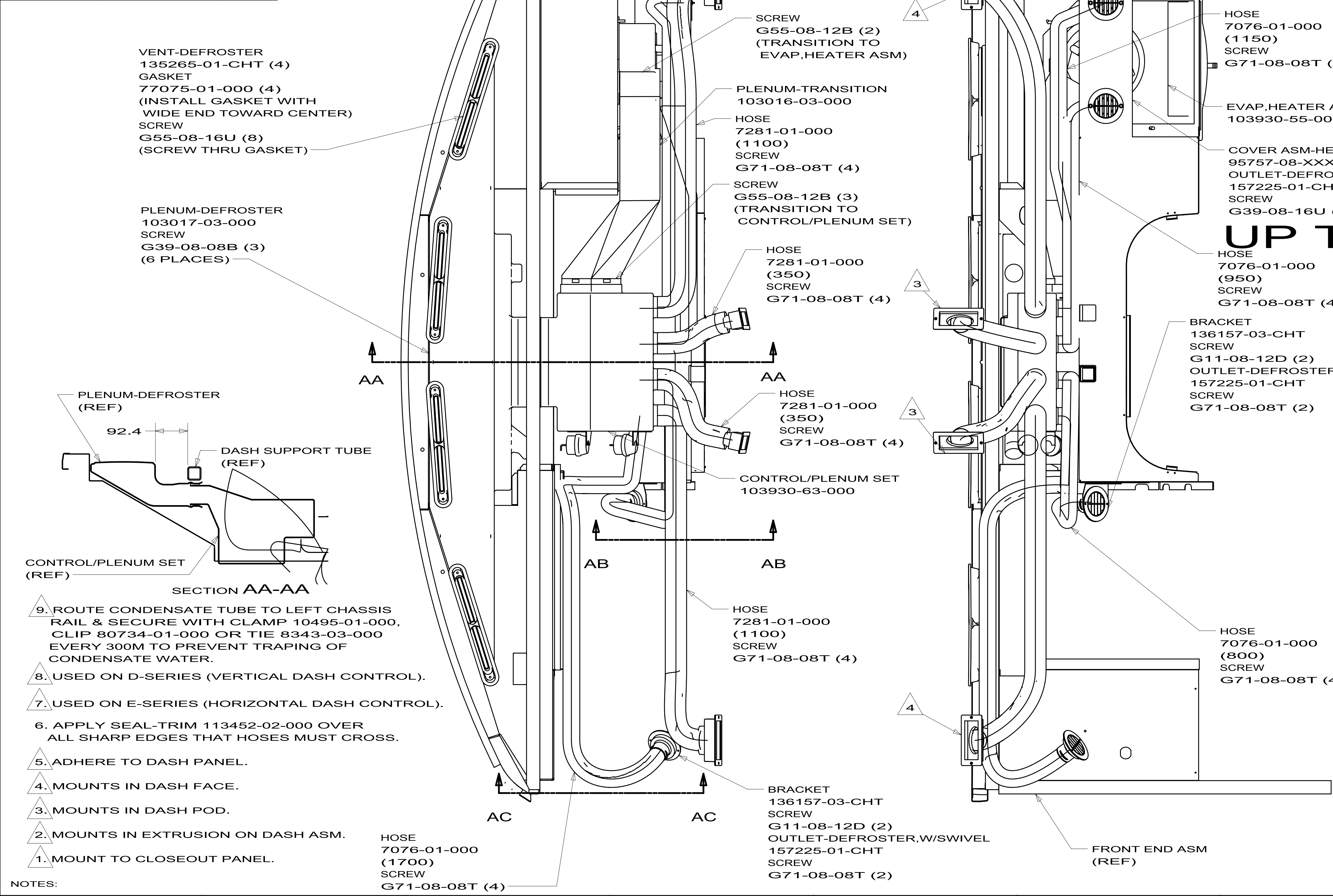
**WORKHORSE
DIESEL ENGINE
D-SERIES(UP TO 02-02-10)
E-SERIES(UP TO 01-20-10)**



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

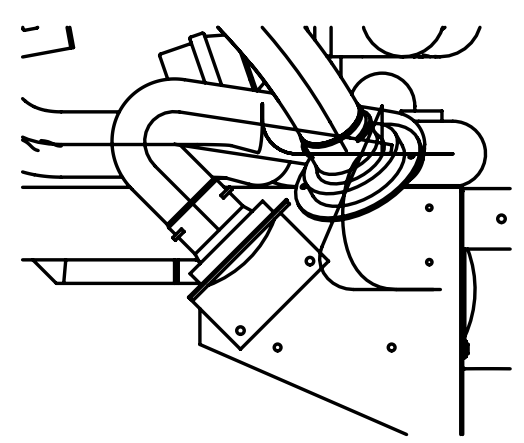
DWG NO	APPLICATION	SHEET
169852-01	D-SERIES	1
169852-02	E-SERIES	2
169852-03	J/K-SERIES	3
169852-04	M/P-SERIES	4
169852-05	R-SERIES	5

RELEASE	REV DATE	DWG NO	169852
REV ZONE	REVISION RECORD	DATE	DTR ORIG



SECTION AB-AB

D-SERIES UP TO 02-02-10 SCS



SECTION AC-AC

- NOTES:
1. MOUNT TO CLOSEOUT PANEL.
 2. MOUNTS IN EXTRUSION ON DASH ASM.
 3. MOUNTS IN DASH POD.
 4. MOUNTS IN DASH FACE.
 5. ADHERE TO DASH PANEL.
 6. APPLY SEAL-TRIM 113452-02-000 OVER ALL SHARP EDGES THAT HOSES MUST CROSS.
 7. USED ON E-SERIES (HORIZONTAL DASH CONTROL).
 8. USED ON D-SERIES (VERTICAL DASH CONTROL).
 9. ROUTE CONDENSATE TUBE TO LEFT CHASSIS RAIL & SECURE WITH CLAMP 10495-01-000, CLIP 80734-01-000 OR TIE 8343-03-000 EVERY 300M TO PREVENT TRAPING OF CONDENSATE WATER.

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DTR	ORIG DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHKR			
P.E.			
M.E.	FIRST USED	10 D-SERIES	
DSNR			
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,DASH			
SHEET 1A OF 5	PART NO 169852	REV	
REF:		1	

DWG NO	APPLICATION	SHEET
169852-01	D-SERIES	1
169852-02	E-SERIES	2
169852-03	J/K-SERIES	3
169852-04	M/P-SERIES	4
169852-05	R-SERIES	5

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

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

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

PLENUM-DEFROSTER
(REF)

DASH SUPPORT TUBE
(REF)

PLENUM ASM-TRANSITION
176003-03-XXX

SECTION AA-AA

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

10. VACUUM HARNESS HOOKUP: #1 BLUE; AIR
RECIRCULATION DOOR #2 GREEN;
HEAT/DEFROST CENTER PORT #3 BLACK;
VACUUM SOURCE #4 YELLOW; BI-LEVEL
MOTOR CENTER PORT #5 RED;
HEAT/DEFROST END PORT #6 WHITE;
BI-LEVEL MOTOR END PORT

9. ROUTE CONDENSATE TUBE TO LEFT CHASSIS
RAIL & SECURE WITH CLAMP 10495-01-000,
CLIP 80734-01-000 OR TIE 8343-03-000
EVERY 300MM TO PREVENT TRAPING OF
CONDENSATE WATER.

8. USED ON D-SERIES (VERTICAL DASH CONTROL).

7. USED ON E-SERIES (HORIZONTAL DASH CONTROL).

6. APPLY SEAL-TRIM 113452-02-000 OVER
ALL SHARP EDGES THAT HOSES MUST CROSS.

5. ADHERE TO DASH PANEL.

4. MOUNTS IN DASH FACE.

3. MOUNTS IN DASH POD.

2. MOUNTS IN EXTRUSION ON DASH ASM.

1. MOUNT TO CLOSEOUT PANEL.

NOTES:

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

VENT
135803-02-CHT (4)
SCREW
000G71-08-08T (8)
(VENT TO DASH)

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

HOSE
007281-01-000
(1143)
SCREW
000G71-08-08T (4)

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

HOSE
007281-01-000
(483)
SCREW
000G71-08-08T (4)

PLENUM-AIR DISTRIBUTION
176050-01-000

10. PANEL-CONTROL, VERTICAL
176051-02-000
NUT
000D24-10-00B (2)

HOSE
007281-01-000
(1143)
SCREW
000G71-08-08T (4)

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
000G39-08-16U (4)

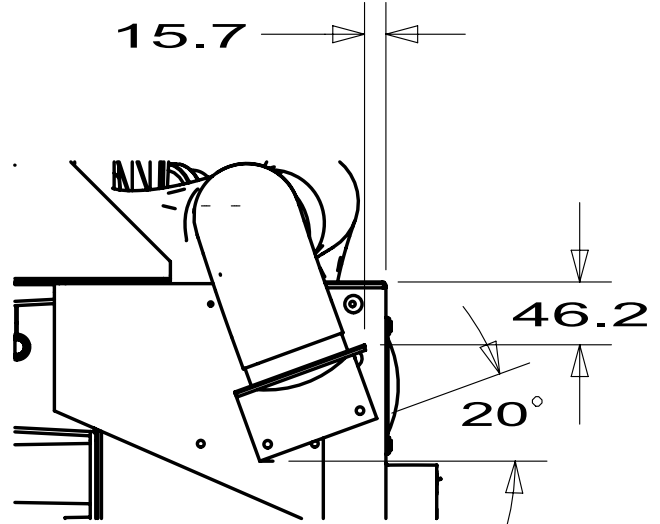
HOSE
176012-01-000
(1422)
SCREW
000G71-08-08T (4)

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

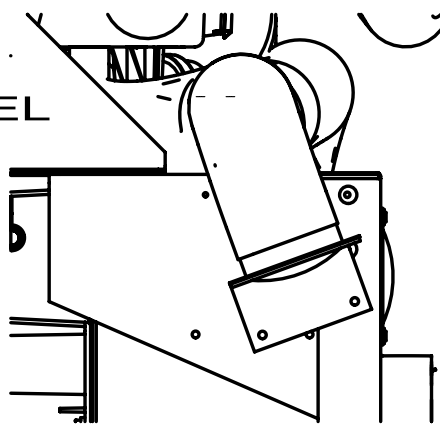
HOSE
176012-01-000
(660)
SCREW
000G71-08-08T (4)

FRONT END ASM
(REF)

RELEASE	REV DATE	DWG NO	169852
REV ZONE	REVISION RECORD	DATE	DTFR ORIG



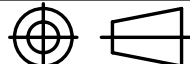
SECTION AB-AB



SECTION AC-AC

D-SERIES AFTER 02-03-10 EVANS

D-SERIES

WINNEBAGO® I N D U S T R I E S		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DTFR		ORIG. DATE	
CHGR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.		FIRST USED	
DSNR		10 D-SERIES	
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,DASH			
SHEET 1B OF 5		PART NO	REV
		169852	

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

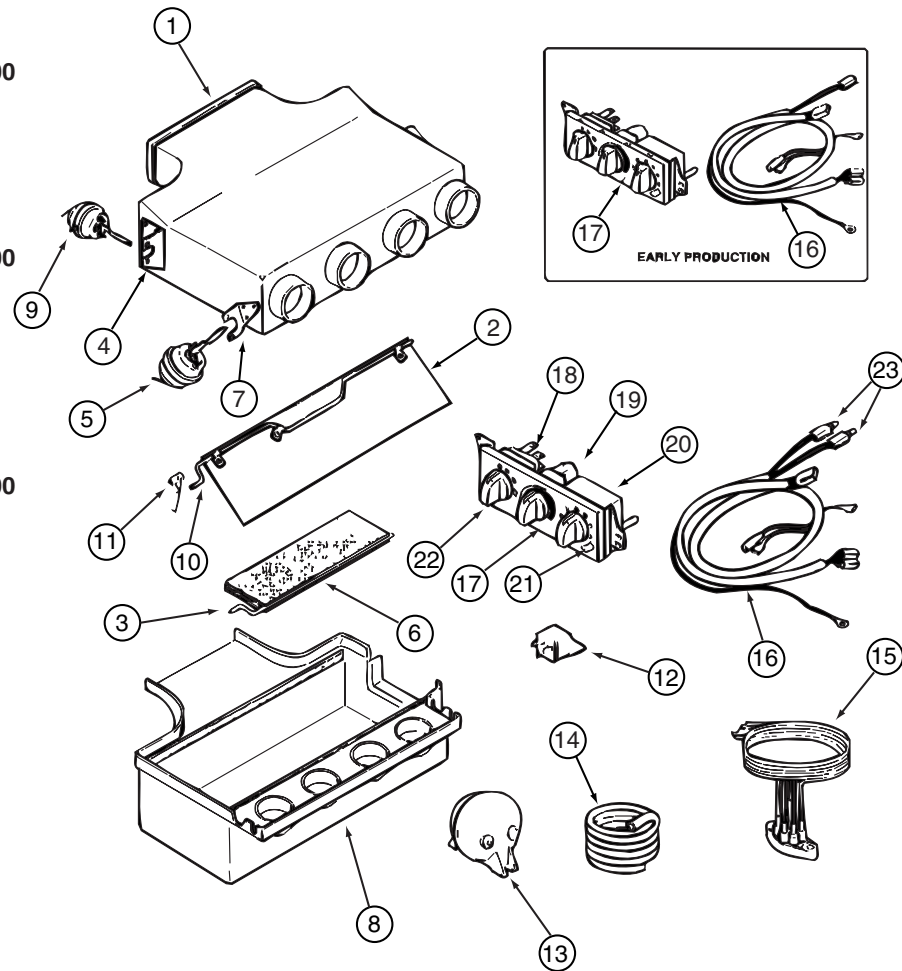
KEY	PART NUMBER	U/M DESCRIPTION
	103930-47-700	EA HOSE - #6-EVAP/DRIER - 2.2'
	113245-01-710	EA O'RING, #12

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)

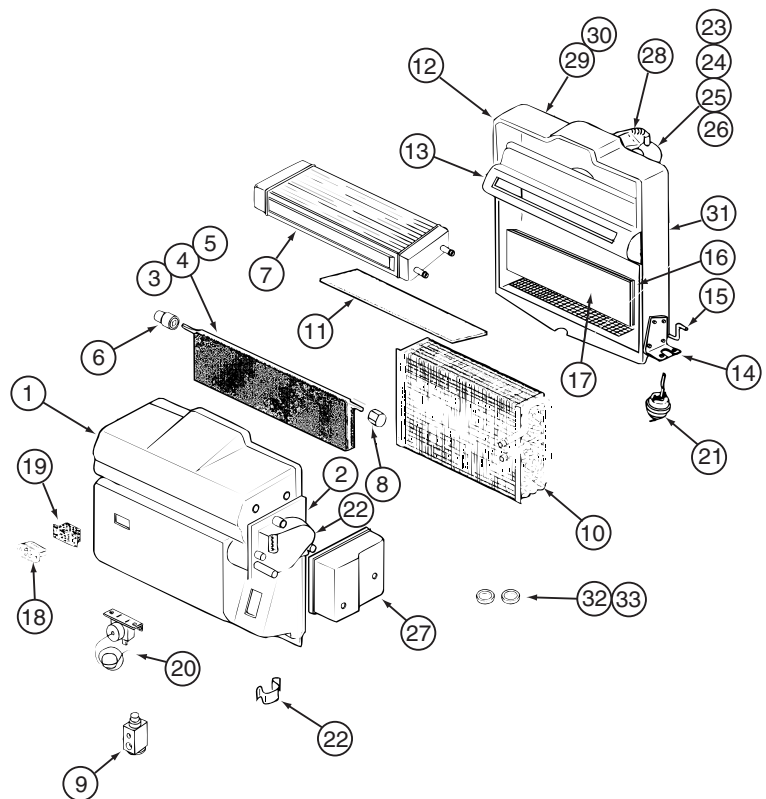


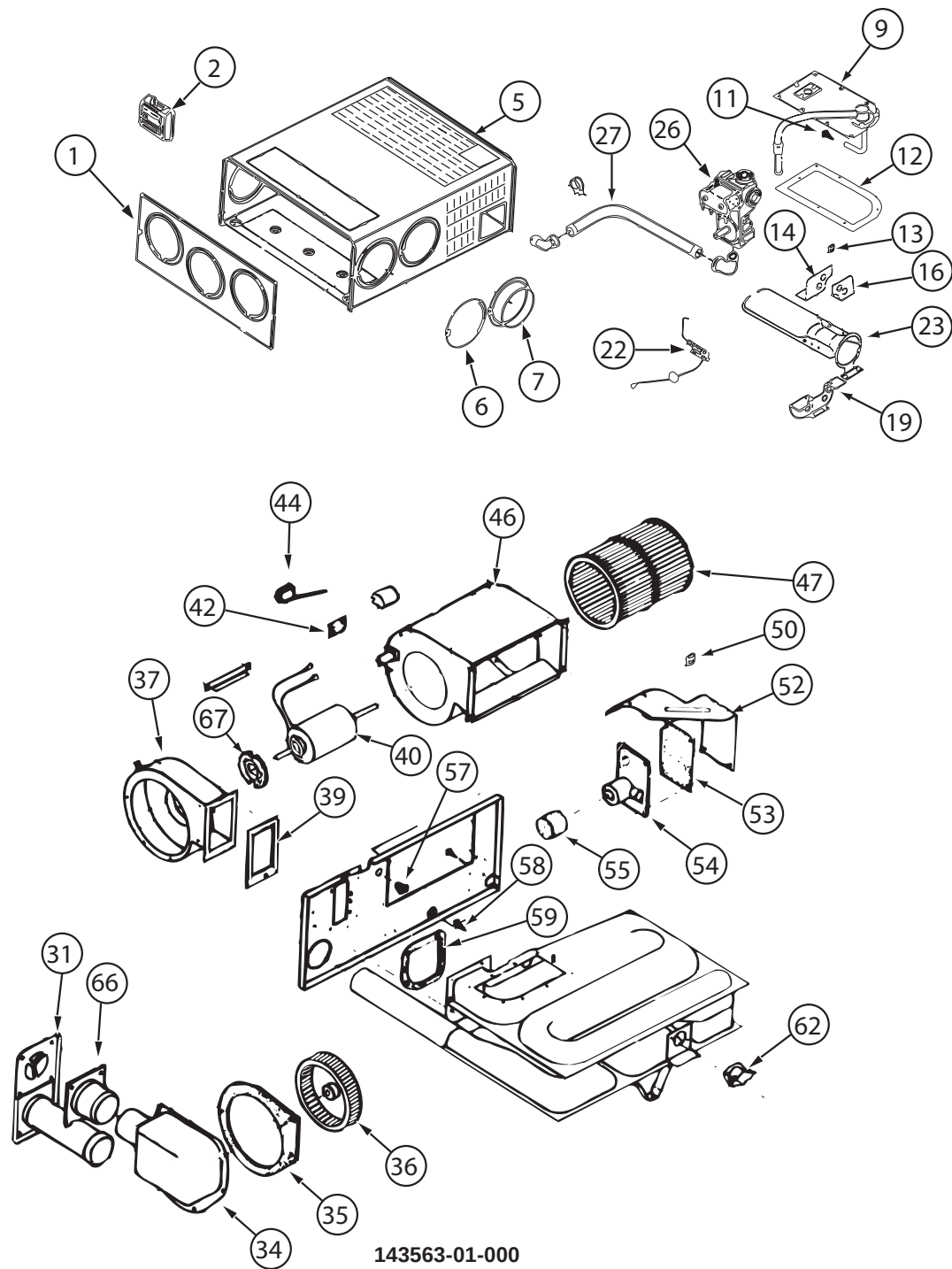
KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

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

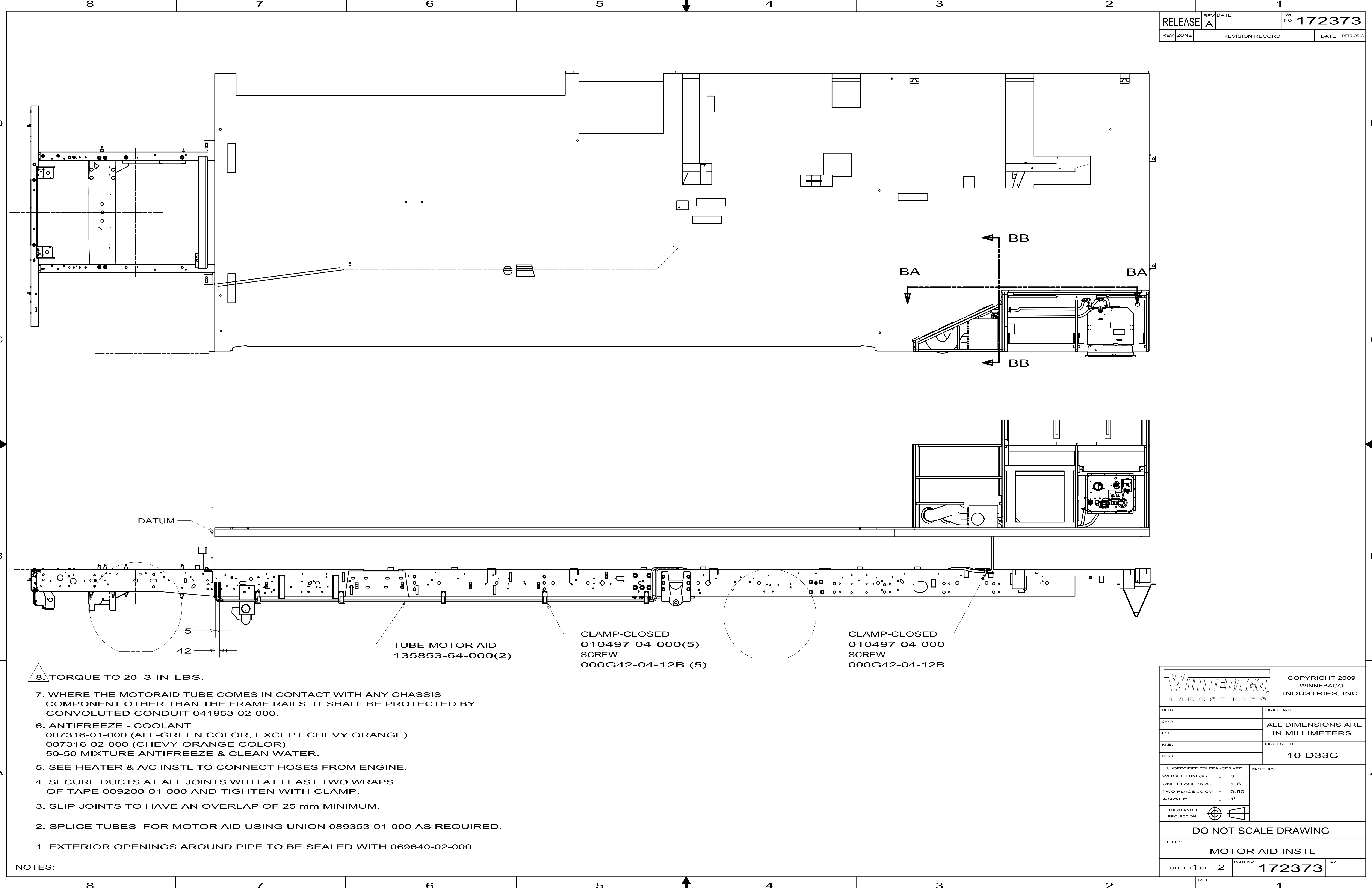




143563-01-000

143563-01-000 (CONTINUED)

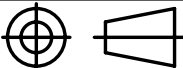
KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
1	143563-01-700	EA	CABINET - FRONT	101907
2			SEE 12 VOLT WIRING AREAS FOR CORRECT THERMOSTAT	
5	143563-01-701	EA	CABINET	101921
7	075696-02-703	EA	COLLAR - DUCT	050715
9	143563-01-702	EA	MANIFOLD ASSEMBLY	171599
11	143563-01-703	EA	ORFICE - MAIN BURNER	180308
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)	



RELEASE		REV	DATE	DWG	172373	
A		REVISION RECORD		DATE	DFT-ORIG	

8. TORQUE TO 20±3 IN-LBS.
7. WHERE THE MOTORAID TUBE COMES IN CONTACT WITH ANY CHASSIS COMPONENT OTHER THAN THE FRAME RAILS, IT SHALL BE PROTECTED BY CONVOLUTED CONDUIT 041953-02-000.
6. ANTIFREEZE - COOLANT
007316-01-000 (ALL-GREEN COLOR, EXCEPT CHEVY ORANGE)
007316-02-000 (CHEVY-ORANGE COLOR)
50-50 MIXTURE ANTIFREEZE & CLEAN WATER.
5. SEE HEATER & A/C INSTL TO CONNECT HOSES FROM ENGINE.
4. SECURE DUCTS AT ALL JOINTS WITH AT LEAST TWO WRAPS OF TAPE 009200-01-000 AND TIGHTEN WITH CLAMP.
3. SLIP JOINTS TO HAVE AN OVERLAP OF 25 mm MINIMUM.
2. SPLICE TUBES FOR MOTOR AID USING UNION 089353-01-000 AS REQUIRED.
1. EXTERIOR OPENINGS AROUND PIPE TO BE SEALED WITH 069640-02-000.

NOTES:

WINNEBAGO® I N D U S T R I E S		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG		ORIG. DATE	
CHGR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.		FIRST USED	
DSNR		10 D33C	
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 2		PART NO 172373	REV

HOSE-90DEG, 15.5 ID
079059-04-000 (2)
TUBE-SPLICE,MOTOR AID
088313-01-000 (2)
CLAMP-HOSE,WORMGEAR
062401-04-000 (6)

WATER HEATER

HEATER ASM-REAR,DUCT
084405-01-000

HOSE-HEATER
007108-01-000
(1150 mm)
CLAMP
062401-04-000

HOSE-HEATER
007108-01-000
(850 mm)
CLAMP
062401-04-000

SECTION BA-BA

HOSE-90DEG, 15.5 ID
079059-04-000
TUBE-SPLICE,MOTOR AID
088313-01-000
CLAMP-HOSE,WORMGEAR
062401-04-000 (3)

DUCT-FLEXIBLE
009198-01-000
(300 mm)
CONNECTOR
069636-02-000
CLAMP
062401-11-000 (2)

REGISTER
173191-02-CHT (3)
SCREW
000G55-08-08U (6)

DUCT-FLEXIBLE
009198-01-000
(480 mm)
CONNECTOR
069636-02-000
CLAMP
062401-11-000 (2)

HOSE-HEATER
007108-01-000
(160 mm)
CLAMP
062401-04-000 (2)

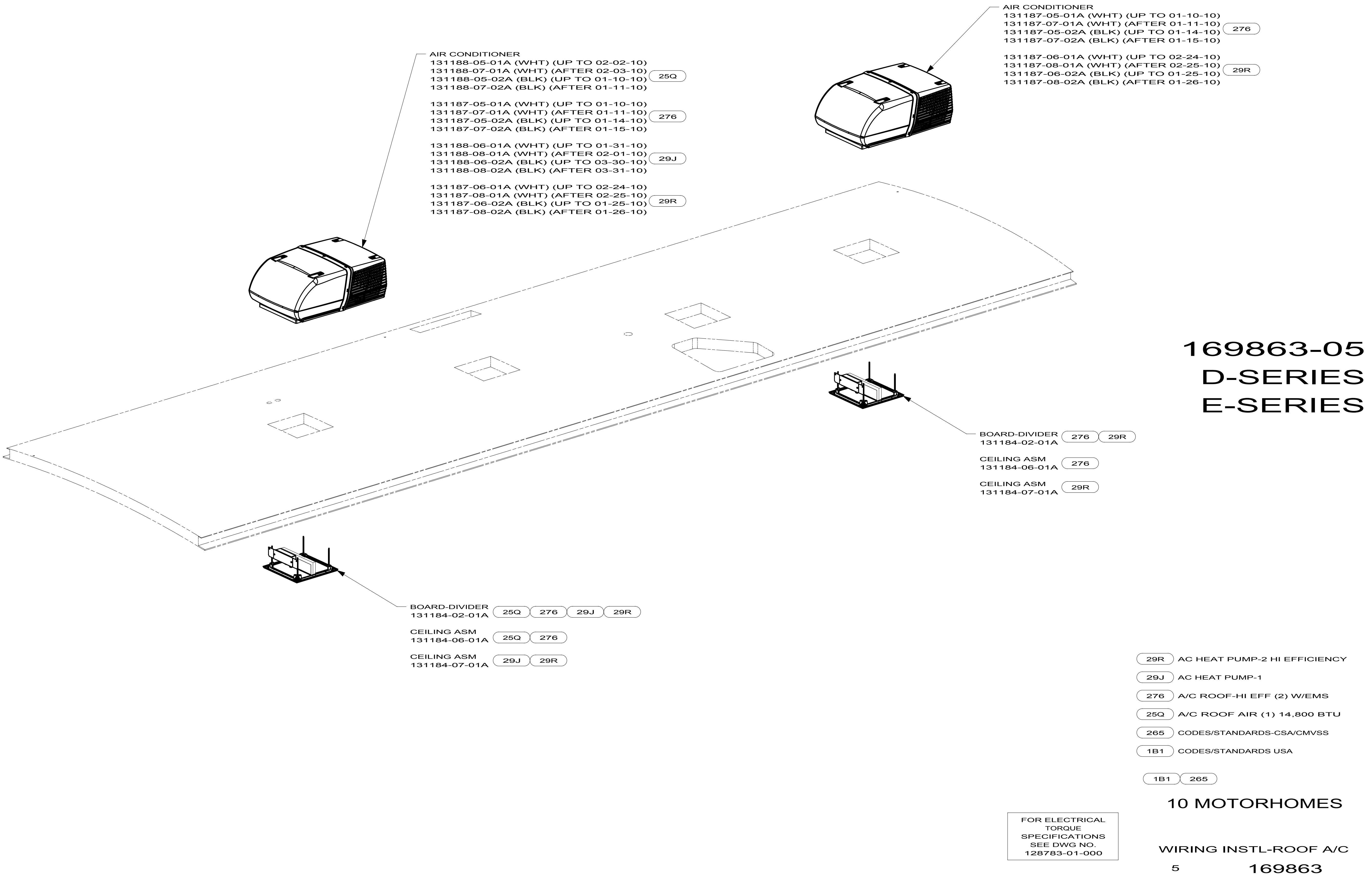
HOSE-HEATER
007108-01-000
(3120 mm)(2)
CLAMP
062401-04-000 (4)

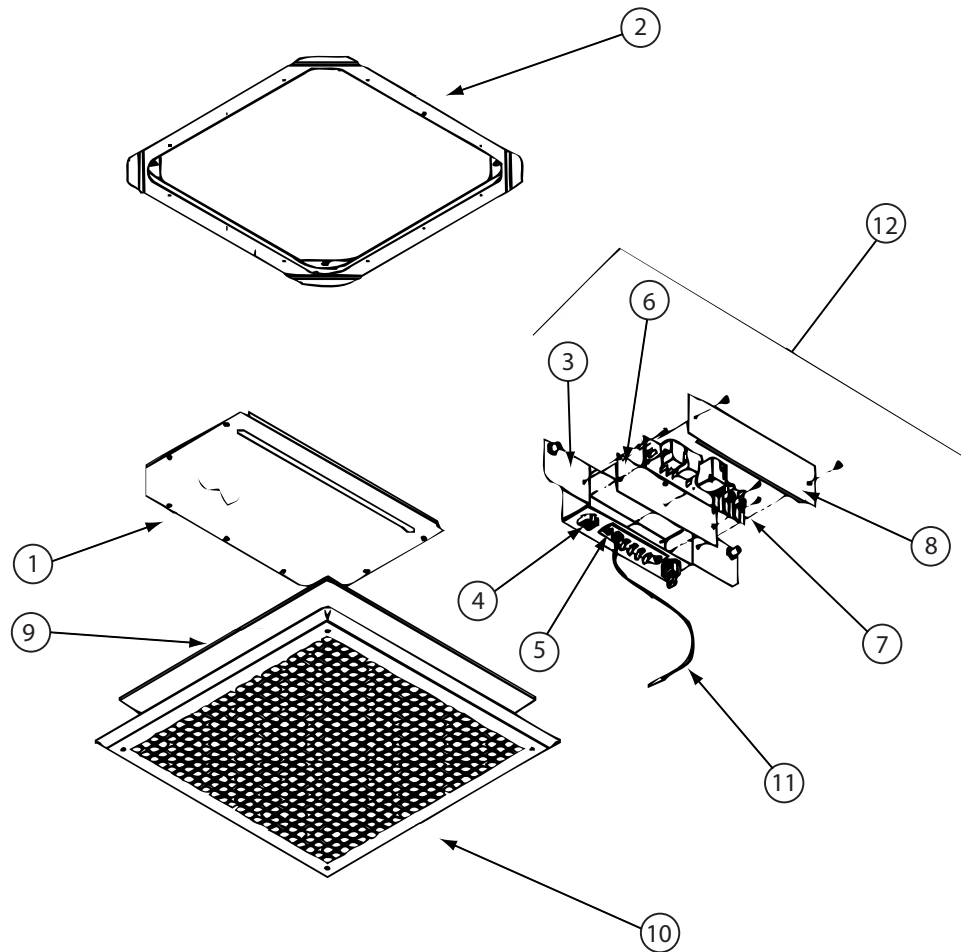
TUBE-MOTOR AID
135853-17-000(2)

SECTION BB-BB

FIRST USED		10 D33C	
DO NOT SCALE DRAWING			
TITLE: MOTOR AID INSTL			
SHEET 2	PART NO	172373	REV

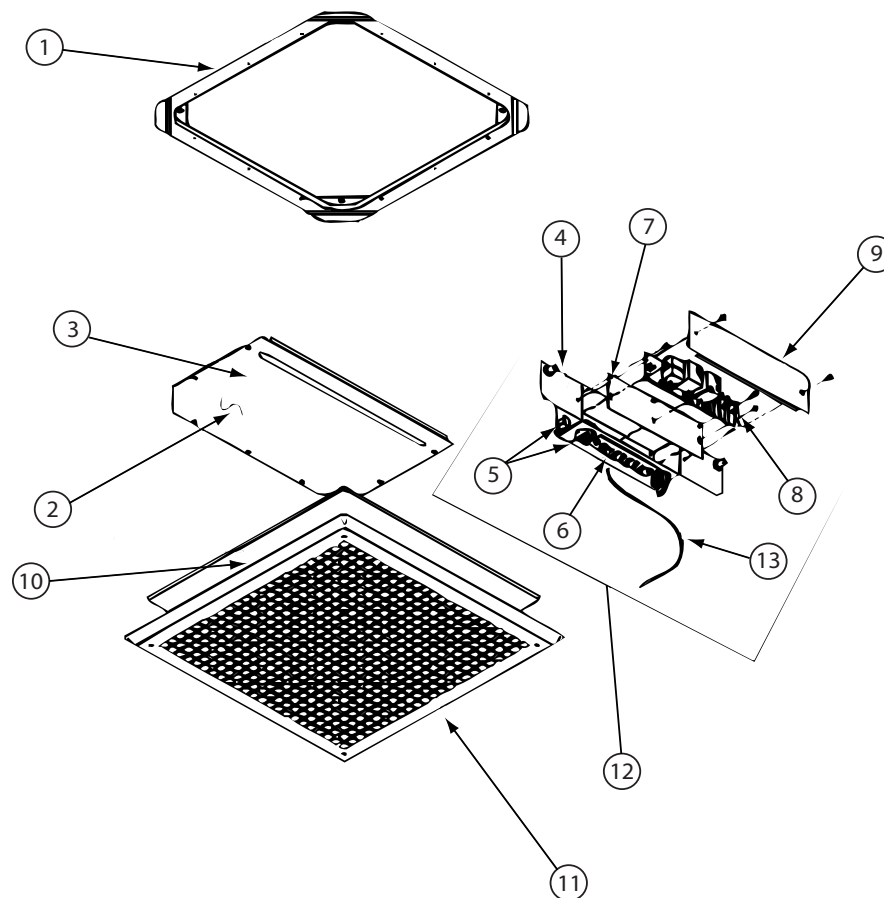
084405-01-000			
KEY	PART NUMBER	U/M	DESCRIPTION
	084405-01-700	EA	CORE-HEATER
	084405-01-701	EA	FAN
	084405-01-702	EA	MOTOR ASSEMBLY, 12 VOLT
			VENDOR NO.
			FT200229
			HV029931
			RV010348





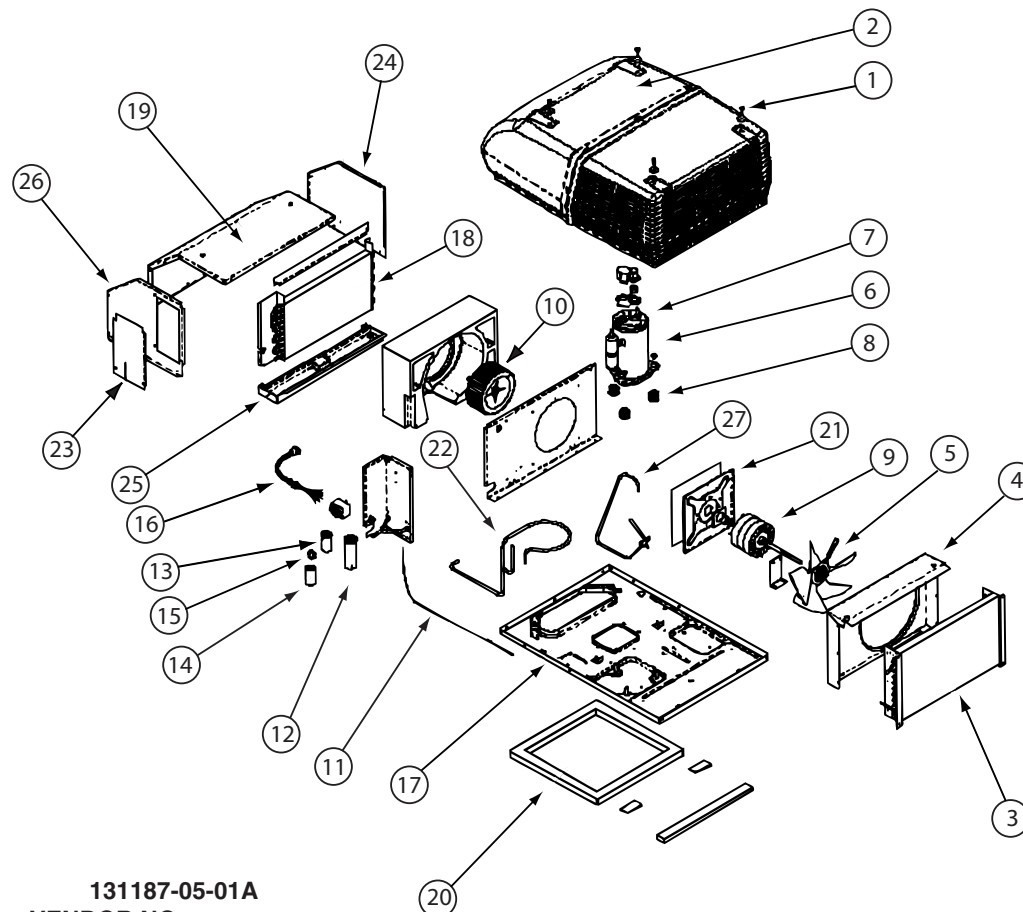
131184-06-01A

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

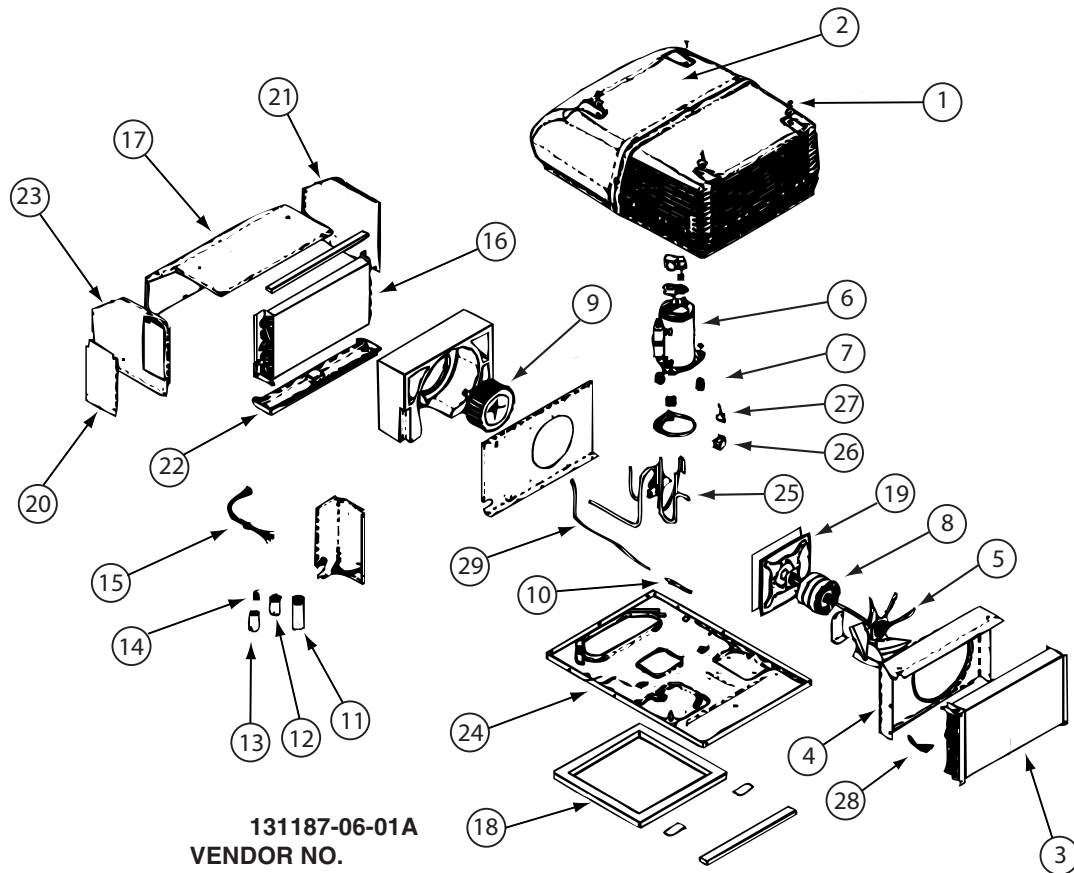
KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
4	131184-04-703	EA	BOX - JUNCTION	7330-113
5	131184-04-700	EA	PLUG ASSEMBLY	7530A340
6	131184-04-702	EA	BOARD - TERMINAL	7530B3201
7	131184-01-702	EA	ISOLATOR - BLANK	7330C365
8	131184-04-705	EA	BOARD - P.C.	7330B3311
10	108892-01-703	EA	FILTER	6798A3761
11	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			

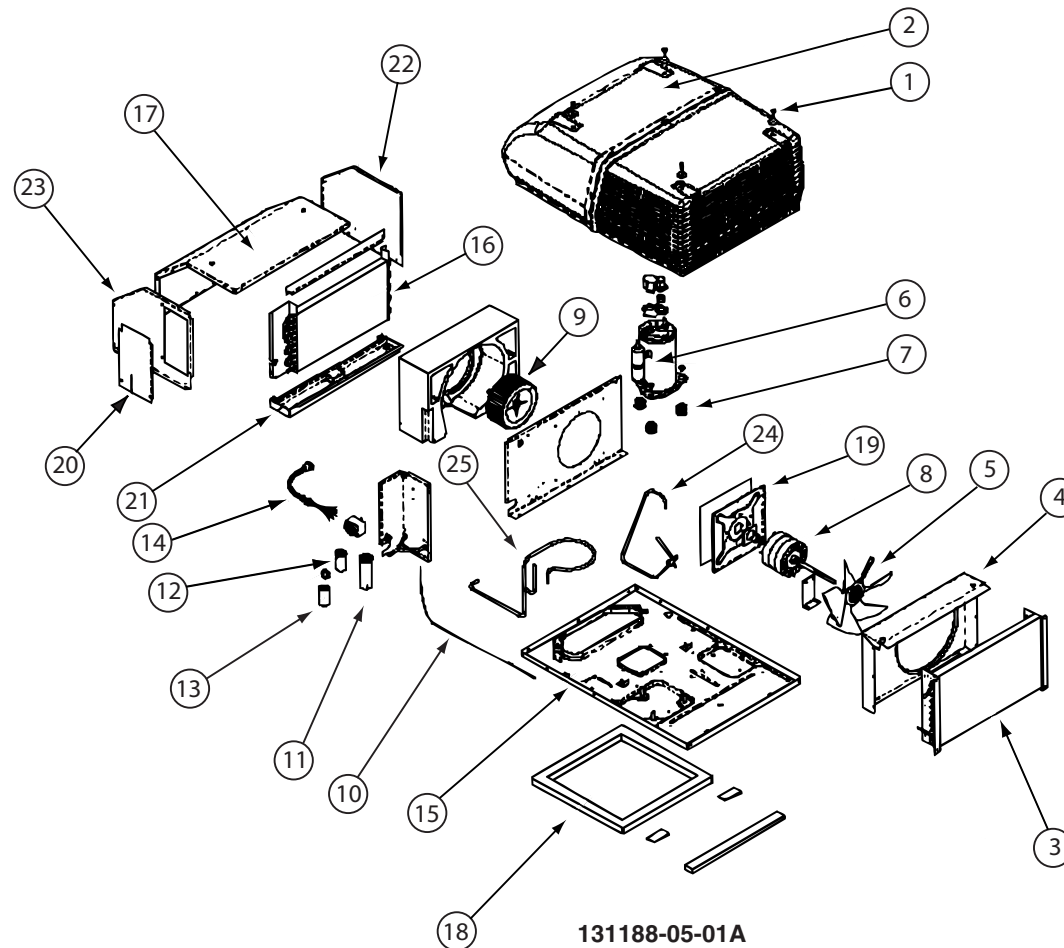


131187-06-01A

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

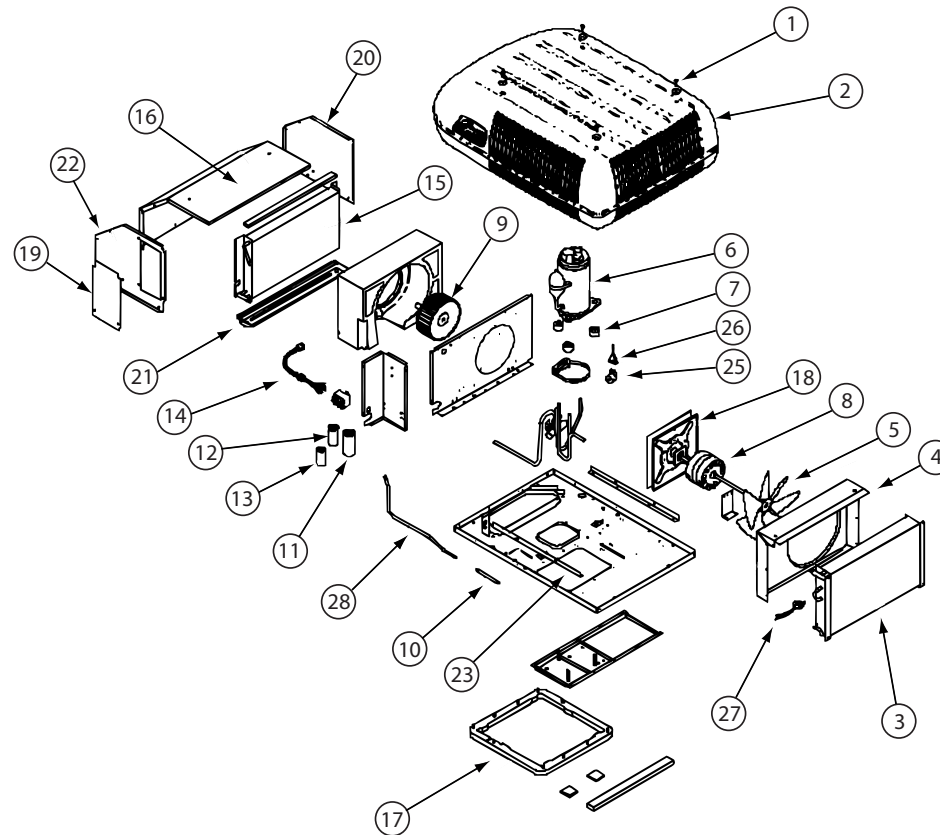
KEY	PART NUMBER	U/M	DESCRIPTION	VENDOR NO.
2	131188-05-701	EA	SHROUD-ROOF AIR/2 PIECE-BLACK	8335-5261
3	131188-02-700	EA	CONDENSER COIL	1452-1441
4	131187-03-700	EA	SHROUD FAN/INNER-LESS LOGO	6792-1071
5	093763-01-712	EA	BLADE-FAN-CONDENSER	6733-3221
6	126860-01-700	EA	COMPRESSOR RK136AT-002-A4Y	1450A2119
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	



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)	