

adventure, inspired by



AIRSTREAM

2010
Interstate
Electrical
Schematics

12 Volt Electrical Schematics



STANDARD PARTLIST

CBL1	■	510947-15	BREAKER,12V DC,TYPE II, #12V15	1 EA
CB4	■	510947-50	BREAKER,12V DC,TYPE II, #12V50	1 EA
CBL1	■	512327-01	6M RING to 5/16" RING, 4GA 125C RED (LEN. 16in)	1 EA
CBL2	■	512327-02	5/16" RING to 6M RING, 4GA 125C RED (LEN. 264in)	1 EA
CBL5	■	512327-05	3/8" RING to 5M RING, 4GA 125C RED (LEN. 17in)	1 EA
CBL6	■	512327-06	10-32 RING to 3/8" RING, 6GA 125C RED (LEN. 18in)	1 EA
CBL7	■	512327-07	10-32 RING to 3/8" RING, 6GA 125C RED (LEN. 3in)	1 EA
CBL8	■	512327-08	STRIPED to 3/8" RING, 6GA 125C RED (LEN. 8in)	1 EA
CBL10	■	512327-10	1/2" RING to 1/2" RING, 6GA 125C BLACK (LEN. 24in)	1 EA
CBL11	■	512327-11	STRIPED to 3/8" RING, 4GA 125C BLACK (LEN. 54in)	1 EA
CBL12	■	512327-12	3/8" RING to 5M RING, 4GA 125C RED (LEN. 12in)	1 EA
CBL13	■	512327-13	STRIPED to 5M RING, 4GA 125C RED (LEN. 34')	1 EA
CBL14	■	512327-14	5/16" RING to 3/8" RING, 2GA 125C BLACK (LEN. 10in)	1 EA
CBL15	■	512327-15	5/16" RING to 3/8" RING, 2GA 125C RED (LEN. 20in)	1 EA
IF1, MF1, MF3	■	512278-125	FUSE, TYPE BF1-32, 125AMP W/ 5M HOLES	3 EA
IF1, MF3	■	512277	FUSEHOLDER, BF1-32 FUSE SIZE W/ 5M BOLTS	2 EA
INV1	■	512279-01	INVERT/CONV 750WATT(INV)-45AMP(CONV) TRIPP-LITE	1 EA
INV1-1	■	512279-02	INVERTER REMOTE CONTROL TRIPP-LITE	1 EA
INV1a	■	■	(SEE 512279-02)	- FT
GEN1a	■	■	(SEE BODY HARNESS)	- FT
M-1	■	512283	BATTERY, DISCOVERY 12V TYPE 24	1 EA
M-2	■	512281-02	STUD, JUNCTION BLOCK 38-16 STUD RED	1 EA
M-4 (BAR)	■	510948-04	BAR BUSS CIR. COPPER 4POS CONN	1 EA
M-4 (HOLDER)	■	510946-04	BROCKT,4PO C.BREAKR,12V,	0.33 EA
M4d-1	■	512313	SWITCH, MAIN DISCONNECT 12VDC 275AMP	1 EA
M-5	■	512282	DISTRIBUTION CENTER PANEL, 12 VOLT (SER. #PD60)	1 EA
(30A-2, 2D, M4a1-1)	■	(REF. 30A-2)	BLK 3-GANG 2 SPST W/1 RED SPST	1 FT
M4a1-1, M4a1-2	■	511812	HOLDING TANK HEATER TH-718	2 EA
ST-1	■	512280 (REF.)	BATTERY SEPARATOR (1315-200)	1 EA
GND	■	510743	GROUND BAR, 3-1/2" LONG	1 EA

OPTION: SOLAR PANEL

(M4c1, M4c3)	■	511846	KIT-CHARGE CONTROLLER DISPLAY	1 EA
M4c1	■	511142-01	PANEL-SOLAR 53 WATT VLX-53	1 EA
CB3	■	510947-10	BREAKER,12V DC,TYPE II, 10AMP, #12V10	1 EA
SF1	■	500773-10	FUSE, ATC, 12 VDC, 10 AMP	1 EA
SF1	■	195466-251	30 AMP FUSE HOLDER W/COVER	1 EA

OPTION: GENERATOR (L.P.G.)

GEN1	■	511811-01	GENERATOR, ONAN MICROLITE,2.5KV-FA / 26120(LP VAPOR)	1 EA
GEN1-1	■	511811-02	GEN., REMOTE CONTROL (ONAN)	1 EA
CBL9	■	500836	POSITIVE BATTERY CABLE	1 EA
CBL9a	■	500282	BUTT SPLICE BLUE #6	1 EA

OPTION: GENERATOR (DIESEL)

GEN1	■	512286-01	GENERATOR, DIESEL, 3KW POWER TECH (BLACK) PTRV-3-B	1 EA
GEN1-1	■	512286-02	GEN., REMOTE CONTROL (POWER TECH)	1 EA
CBL9	■	500836	POSITIVE BATTERY CABLE	1 EA
CBL9a	■	500282	BUTT SPLICE BLUE #6	1 EA

OPTION: 2ND BATTERY

CBL3	■	512327-03	3/8" RING to 3/8" RING, 2GA 125C RED (LEN. 14in)	1 EA
CBL4	■	512327-04	3/8" RING to 5/16" RING, 2GA 125C BLACK (LEN. 24in)	1 EA
M-1a	■	512283	BATTERY, DISCOVERY 12V TYPE 24	1 EA

STANDARD WITH LOUNGE FLOOR PLAN

CB2	■	510947-30	BREAKER,12V DC,TYPE II, #12V30	1 EA
M4b-1	■	512312	LOUNGE CROSSOVER MOMENTARY SW. (DPDT)	1 EA
M4b-2	■	703755	LOUNGE PNM (CONTACT LOUNGE MANU. FOR MOTOR PNM)	1 EA

L.P.G. GEN. HARNESS CONNECTIONS



WIRE ENTRY VIEW

ONAN WIRES

- (A) WHT
(B) WHT
(C) WHT
(D) CAVITY PLUG
(E) CAVITY PLUG
(F) WHT
(G) CAVITY PLUG
(H) CAVITY PLUG

AIRSTREAM WIRES

- (150) WHT
(GN1b) WHT/RED
(GN1) RED

- —
(GN1a) GRY

- —

(GN1a) NOT USED (FOR DIESEL GEN.)

ONAN NOTES:

*10: On the LP generator press and hold start button until engine starts. Caution: do not crack for more than 10 seconds at a time and wait at least 30 seconds before trying again.

*20: The green light on the LP generator start switch will be light when the generator is running and will flash a diagnostic pattern when the generator is off and there is a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
LOW OIL PRESSURE	1
SERVICE REQUIRED	2
OVER CRANK	3

POWER TECH. NOTES:

*1P: On the Diesel generator press and hold start switch for one second to initiate start sequence.

*2P: On the Diesel generator start switch's green light will be light when the generator is running and will flash a diagnostic pattern when the generator is off with a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
FAILURE TO START	1
ENGINE HIGH WATER TEMP.	2
LOW OIL PRESSURE	3
NO AC SIGNAL	4
LOW COOLANT LEVEL	5

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ITEM	PART NUMBER	DESCRIPTION	QTY	UM
TOLERANCES ±	Airstream		DRAWN BY	MJ
NEXT ASSY			APPROVED BY	
FIRST USAGE:		2008 INTERSTATE NCV3		
TITLE 12V MAIN SCHEMATIC				
SCALE	DATE	DRAWING NUMBER	D	REV
N.T.S.	09.21.07	952922S2		C

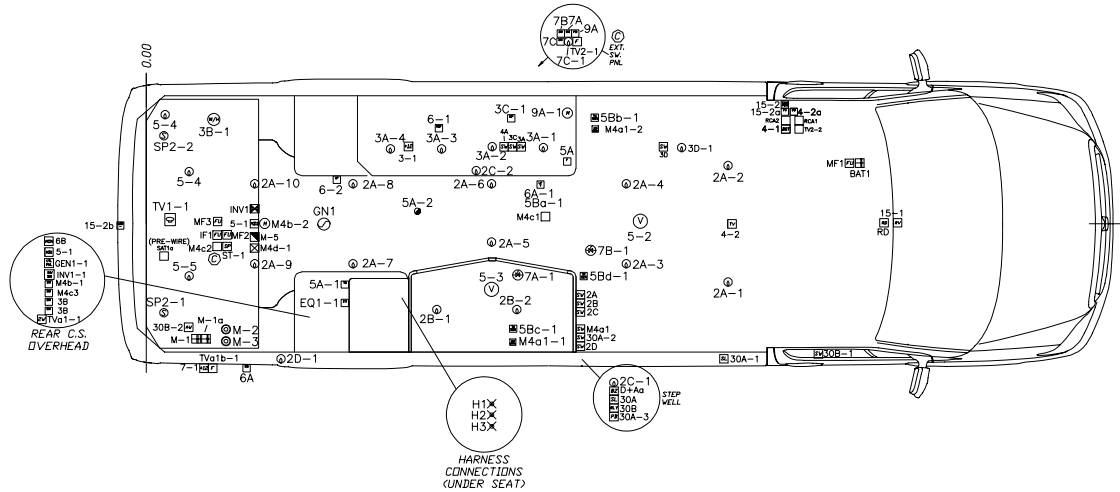
952923S1

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LET	DATE	P.C.R.	REVISION RECORD	BY
-	10/07	M-00071	PRODUCTION RELEASE	MT
A	3/08	M-00071	PROB. REL. UPDATES	MT
B	4/08	M-00071	PROB. REL. UPDATES	MT
C	6/08	M-00083	MODEL YR 2009 CHGS	MT

SCHEMATIC CHART
(NOTE: REVISION ARE NOT SHOWN ON CHART.)

ITEM	A/S P/N#	DESCRIPTION
1	952922	12V, ELECTRICAL MAIN SCHEMATIC
2	THIS DWG	12V, VAN SCHEMATIC
3	952924	SCHEMATIC, VAN A/V
4	952917	30A 110V LAYOUT
5	952937	110V LOC/ROUT DRAWING
6	952936	12V LOC/ROUT DRAWING



NOTE:
THIS LAYOUT SHOWS ALL 12VDC & AUDIO/VIDEO DEVICES.
SOME DEVICE SYMBOLS ABOVE WILL NOT BE LISTED ON
SHEET #2, BUT WILL APPEAR IN THERE RESPECTIVE
SCHEMATIC (VAN A/V OR 12V ELECTRICAL MAIN). FOR
110V_{ac} SEE 30A 110V LAYOUT DRAWING.

HARNESS CONNECTION CHART		
SYM.	DRAWING# (*1)	
	A/S # from / to	DESCRIPTION
H0	512305 / 512295	License Plate / Inter. Body Harm.
H1	512295 / 512296	Inter. Body / Ceil'g Ham. #1
H2	512295 / 512296	Inter. Body / Ceil'g Ham. #2
H3	512295 / 512296	Inter. Body / Ceil'g Ham. #3

*1) THE HARNESS CHART ONLY
SHOWS THE BASE DRAWING
NUMBER WITHOUT REVISION.

NOTE: SEE SHEET 2 FOR ALL NOTES.				
ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
TOLERANCES ±	Airstream		DRAWN BY M1	
NEXT ASSY			APPROVED BY	
FIRST USAGE:		2008 INTERSTATE NCV3		
TITLE 12V VAN SCHEMATIC				
SCALE	DATE	DRAWING NUMBER	D	REV.
N.T.S.	09.26.07	952923S1		

STANDARD 12VDC PARTLIST (MAIN)

	D+As	512301	BUZZER-DUAL TONE WARNING	1EA
	30A	512289-02	STEP, SGL SLIDE, ELEC, CTL BOX	1EA
	30A-1	512289-01	STEP, SGL SLIDE, ELEC, COACH STEP	1EA
	30A-2, 2B, M4A1-1)	512287	BLK 3-GANG 2 SPST V/1 RED SPST	1EA
	30A-3	512289-03	DOOR SWITCH	1EA
	2A, 2B, 2C, 3A, 3C, 4A-1)	511979	SWITCH ASSY-3 GANG BLK MAH-ASY	2EA
	2A-1 thru -10, 3A-1 thru -4, 3D-1	511695	SPOTLIGHT-BRUSHED NICKEL	15EA
	2B-1 thru -2	512300	SPOTLIGHT-BRUSHED WHT WATERTIGHT	2EA
	2C-1 thru -2	511361	LIGHT COURTESY FLUSH MOUNT BLA	2EA
	2D-1	512288	LIGHT, PATIO 12VDC (black)	1EA
	3-1	512101	PLATE- W/12V OUTLET WHITE	1EA
	3B	690417-05	SWITCH-DUAL WATER HEATER #9123	1EA
	3B-1	690602	WATER HTR GGL W/ELEC & CONN	1EA
	3C-1	602177	PUMP, WATER 2.9GPM, 12VDC, FLOJET	1EA
	3D	511977	SWITCH ASSY-1 GANG BLK INT	1EA
	4-1	510788-06	AMPLIFIER ANT. TV (BRND WINEGARD	1EA
	4A-1 thru 4A-5	512311	TERM, BULLET MALE SHRINK w/SOLDER	10EA
	4A-1 thru 4A-5	512310	LIGHT, LED ROPE 3/8"DIA 1" SPACING	20 FT
	4A-1 thru 4A-5	512310-01	LIGHT, LED ROPE 3/8"DIA CAP	5EA
	5-1	512290-02	120Vac EMS, DISPLAY	1EA
	5-2	382058	VENT, SMOKE EXHAUST ONLY MAXXAIR	1EA
	5-3	690266-04	VENTILATOR, POWVER	1EA
	5-4, 5-5	512298	LIGHT-READING	2EA
	5A	690395-02	FURNACE 16K BTU	1EA
	5A-1	511228	T-STAT, WALL MOUNT ATTWOOD	1EA
	6-1	690599	REFER-30CF NOVA KODL 12Vdc/1	1EA
	6-2	511309	DETECTOR LPG	1EA
	6-2a	SEE 6-2	JAMP INLINE	1EA
	6A	511805	SWITCH-ROTARY ON/OFF LP VALVE	1EA
	6A	381852	KNOB- LP REMOTE SWITCH INTEREST	1EA
	6A	386147	DECAL-ON/OFF LP REMOTE FILL	1EA
	6A-1	REF. 602188	LPG VALVE	1EA
	6B	512284-01	MONITOR, TANK, LPG, VOLT	1EA
	6Ba-1	REF. 602188	LPG TANK W/ GAGE	1EA
	6Bb-1, 6Bc-1	512284-02	TANK SENSOR (EXTENDED HOODS)	2EA
	6Bd-1	512284-03	TANK SENSOR (NO HOODS)	1EA
	7-1	REF. 952924	12V RECEPT. INCLUDE W/ TV61b-1	1EA
	7A, 7B	511813-06	SWITCH-HD WATERPROOF	2EA
	7A-1, 7B-1	511813-01	VALVE-ELEC.WASTE #H-DMMS-H	2EA
	7A-1a, 7B-1a	511813-05	WATERPROOF CBL /W CONNS (12FT.)	2EA
	7C	510658	SWITCH W/WEATHER-PROOF BOOT #1	1EA
	7C-1	511294	LIGHT LICENSE PLATE	1EA
	8A	510844-01	RELAY BOSCH 0 332 209 151	1EA
	ST-1	512280	BATTERY SEPARATOR (315-200)	1EA
	9A	602176-02	SWITCH, WASTE, MACERATOR, MOM PB	1EA
	9A-1	602176-01	PUMP, WASTE, MACERATOR, SELF-PRIM	1EA
	10A	512323	WASTE HOSE REEL KIT W/ SW	1EA
	10A-1	REF. 512323	SWITCH INCLUDED WITH KIT	1EA

Note:
#1. SCHEMATIC ONLY SHOWS GENERAL WIRE CONNECTIONS
NOT ACTUAL WIRE ROUTING. SEE HARNESS DRAWINGS
FOR ROUTING.
#2- PRODUCTION USE MOST CURRENT HARNESS REVISION.

AWNING OPTION:

30B	510844-01	RELAY BOSCH 0 332 209 151	1EA
30B-1	703746-02	AWNING, FIAMMA, PATIO, SWITCH,	1EA
30B-2	703746-01	AWNING, FIAMMA, PATIO, MOTOR	1EA

REARVIEW CAMERA/MONITOR OPTION:

15-1	512299	MONITOR, REARVIEW MIRROR +12VDC	1EA
15-2, 15-2a, 15-2b)	511948	CAMERA-REAR VIEW COLOR PIONEER	1EA
15-2a	SEE ABOVE	JAMP INLINE FUSE	1EA
15-3	511645	"Y" ADAPTER MALE TO 2-FEMALE RCA	1EA
15-3a	512056	BARREL COUPLER RCS GOLD F/F	1EA

FRONT FLIPDOWN LCD TV OPTION:

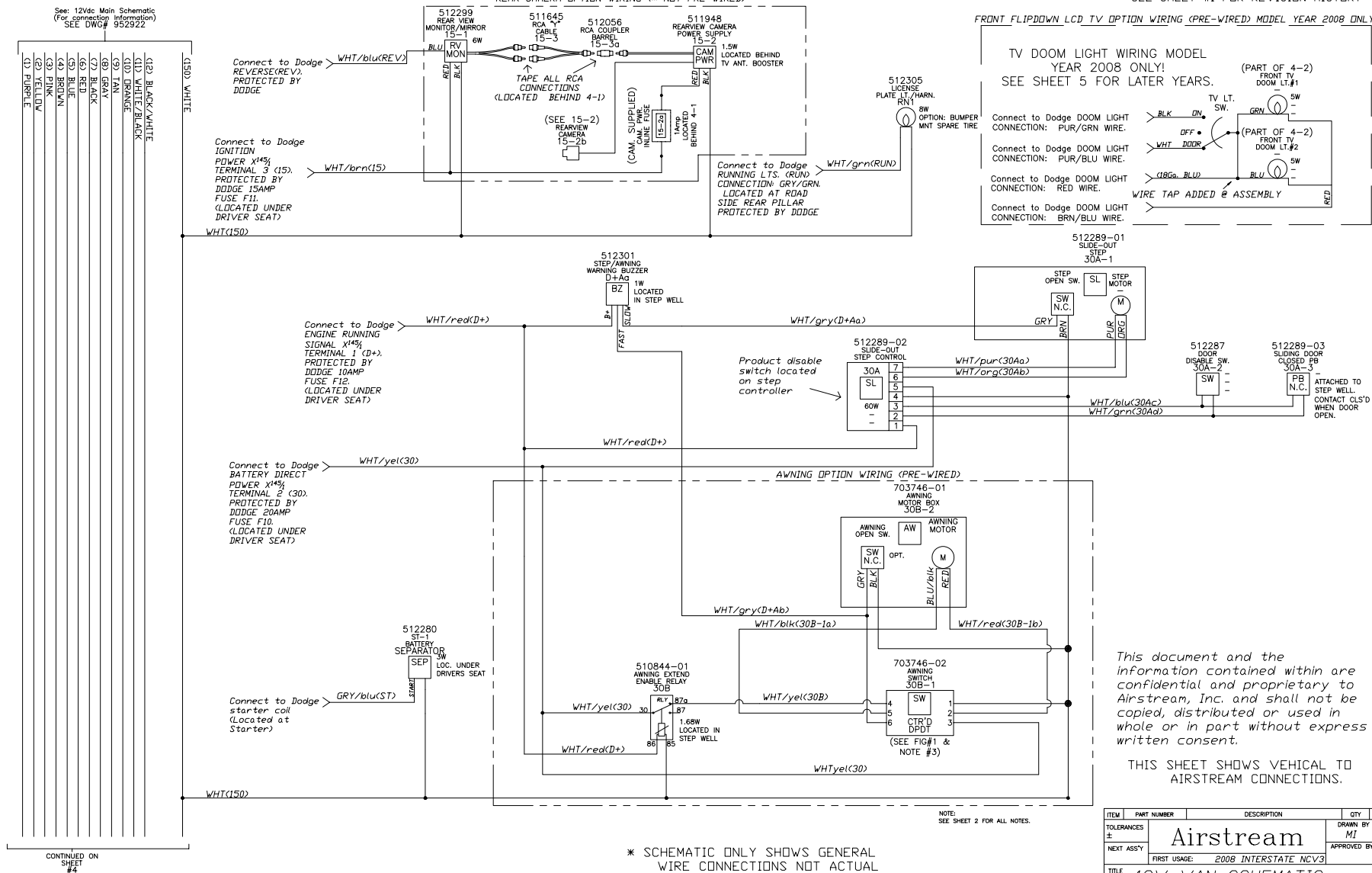
4-2	SEE VAN A/V	A/V SCHEMATIC VAN DWG 952924	1EA
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A/C OPTION:

5A-1	690586-04	T-STAT, WALL MOUNT CARRIER	1EA
5A-1	511228	T-STAT, WALL MOUNT ATTWOOD	1EA
5A-2	690586-01	LOW PRO A/C W/T-STAT 13500 BTU	1EA
5A-2	690586-03	FREEBLOW UNIT	1EA

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ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±		Airstream		
NEXT ASSY		DRAWN BY M		
TITLE		APPROVED BY		
SCALE		FIRST USAGE: 2008 INTERSTATE NCV3		
DATE		12V VAN SCHEMATIC		
N.T.S.		DRAWING NUMBER 952923S2		
REV.		D		
C				



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THIS SHEET SHOWS VEHICAL TO AIRSTREAM CONNECTIONS.

ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
TOLERANCES ±		Airstream		DRAWN BY MT
NEXT ASSY		FIRST USAGE: 2008 INTERSTATE NCVS		APPROVED BY
TITLE		12V VAN SCHEMATIC		
SCALE	DATE	DRAWING NUMBER		REV. c
N.T.S.	09.26.07	952923S3		

CIRCUIT LOAD CHART

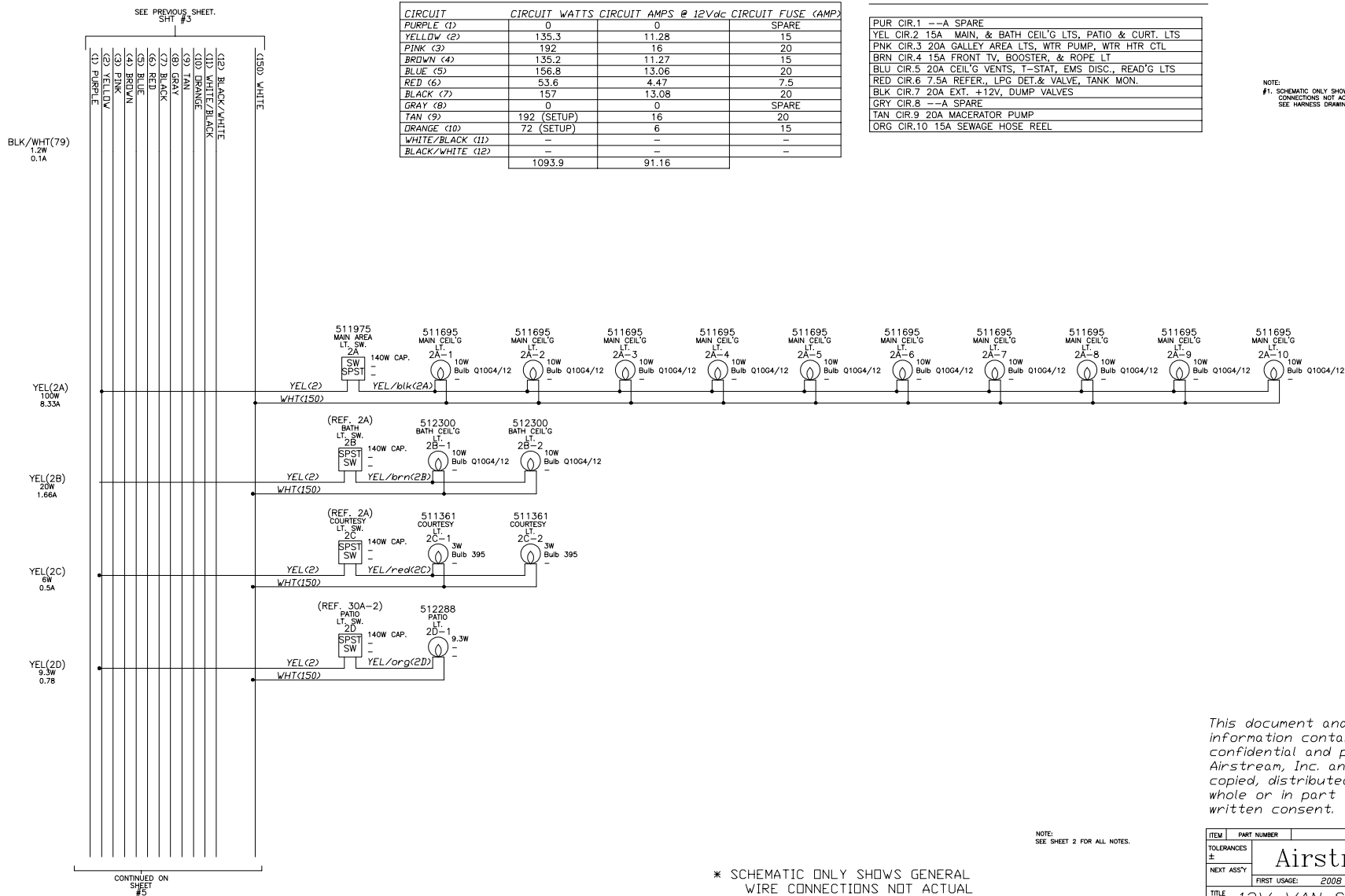
CIRCUIT	CIRCUIT WATTS	CIRCUIT AMPS @ 12Vdc	CIRCUIT FUSE (AMP)
PURPLE (1)	0	0	SPARE
YELLOW (2)	135.3	11.28	15
PINK (3)	192	16	20
BROWN (4)	135.2	11.27	15
BLUE (5)	156.8	13.06	20
RED (6)	53.6	4.47	7.5
BLACK (7)	157	13.08	20
GRAY (8)	0	0	SPARE
TAN (9)	192 (SETUP)	16	20
ORANGE (10)	72 (SETUP)	6	15
WHITE/BLACK (11)	-	-	-
BLACK/WHITE (12)	-	-	-
	1093.9	91.16	

LABEL: 12VDC FUSE PANEL

PUR CIR.1 --A SPARE
YEL CIR.2 15A MAIN, & BATH CEIL'G LTS, PATIO & CURT. LTS
PNK CIR.3 20A GALLEY AREA LTS, WTR PUMP, WTR HTR CTL
BRN CIR.4 15A FRONT TV, BOOSTER, & ROPE LT
BLU CIR.5 20A CEIL'G VENTS, T-STAT, EMS DISC., READ'G LTS
RED CIR.6 7.5A REFER., LPG DET.& VALVE, TANK MON.
BLK CIR.7 20A EXT. +12V, DUMP VALVES
GRY CIR.8 --A SPARE
TAN CIR.9 20A MACERATOR PUMP
ORG CIR.10 15A SEWAGE HOSE REEL

NOTE:
#1: SCHEMATIC ONLY SHOWS GENERAL WIRE
CONNECTIONS NOT ACTUAL WIRE ROUTING.
SEE HARNESS DRAWINGS FOR ROUTING.

LET	DATE	P.C.R.	REVISION RECORD	BY
			SEE SHEET #1 FOR REVISION HISTORY	

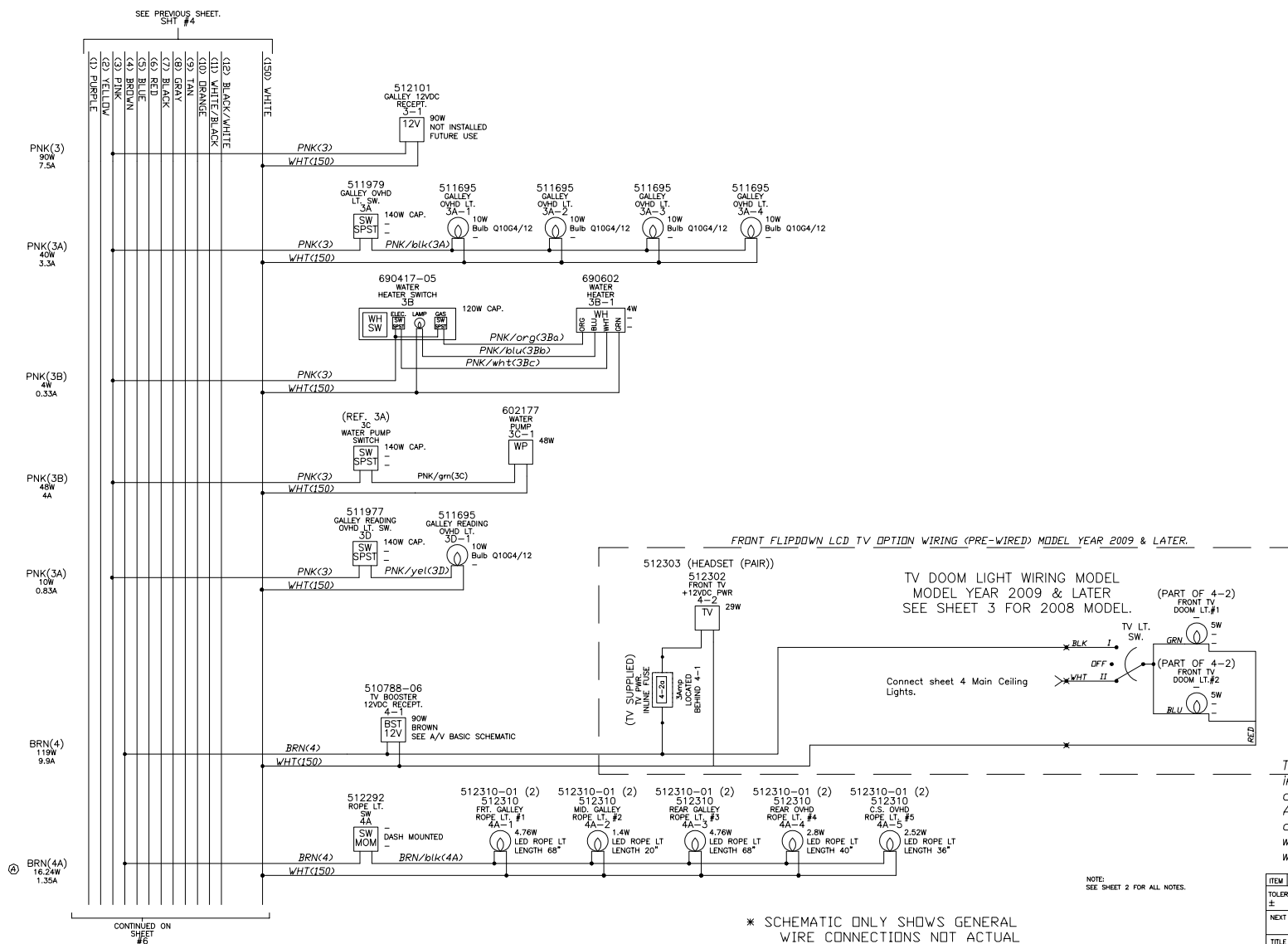


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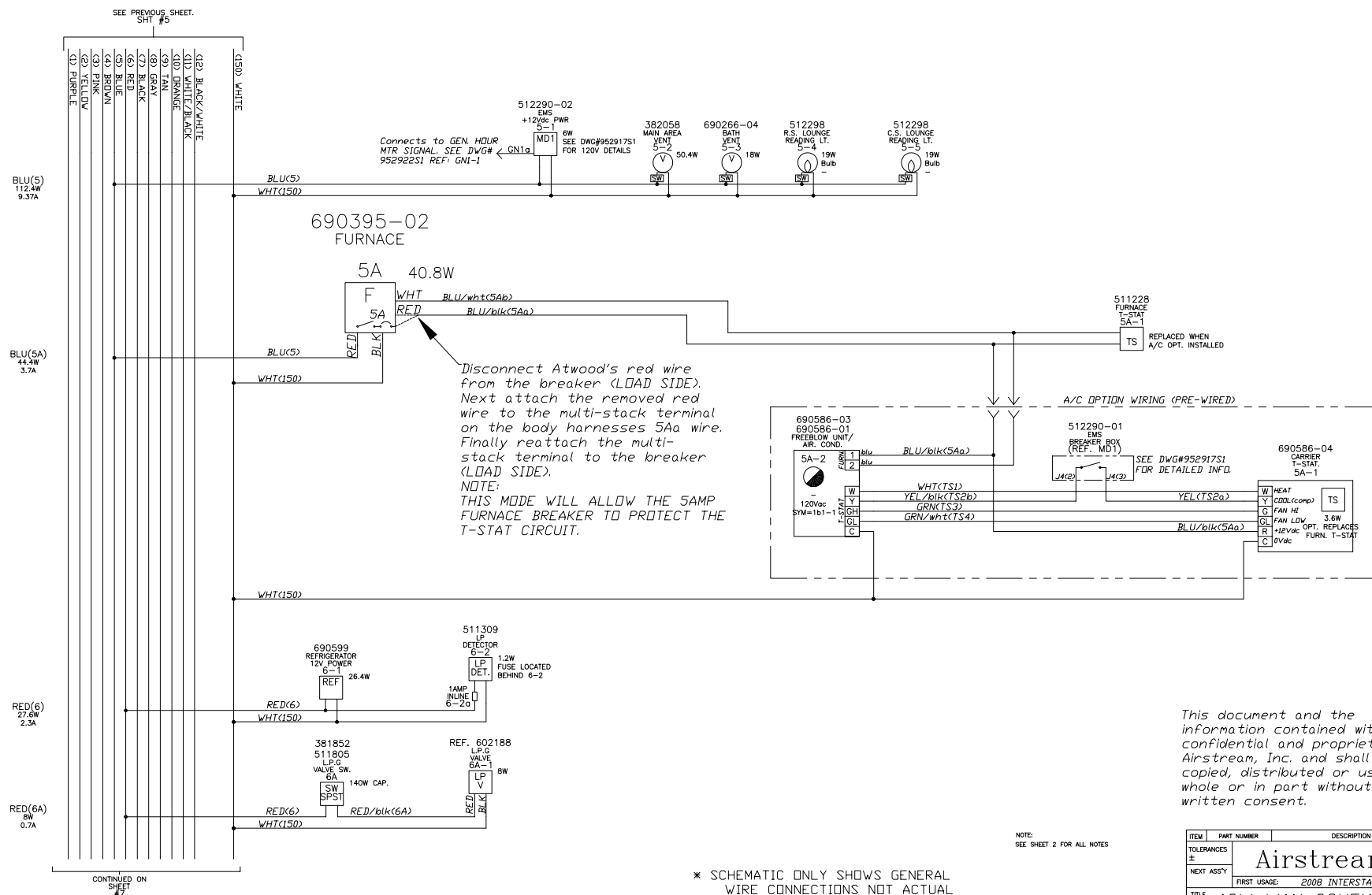
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TOLERANCES ±		Airstream		DRAWN BY MT
NEXT ASSY		FIRST USAGE: 2008 INTERSTATE NCV3		APPROVED BY C
TITLE		12V VAN SCHEMATIC		
SCALE	DATE	DRAWING NUMBER		REV.
N.T.S.	09.26.07	952923S4	D	c



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ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
TOLERANCES ±	Airstream			
NEXT ASSY	FIRST USAGE: 2008 INTERSTATE NCV3			
TITLE	12V VAN SCHEMATIC			
SCALE	DATE	DRAWING NUMBER	REV.	
N.T.S.	09.27.07	952923S5	D	c

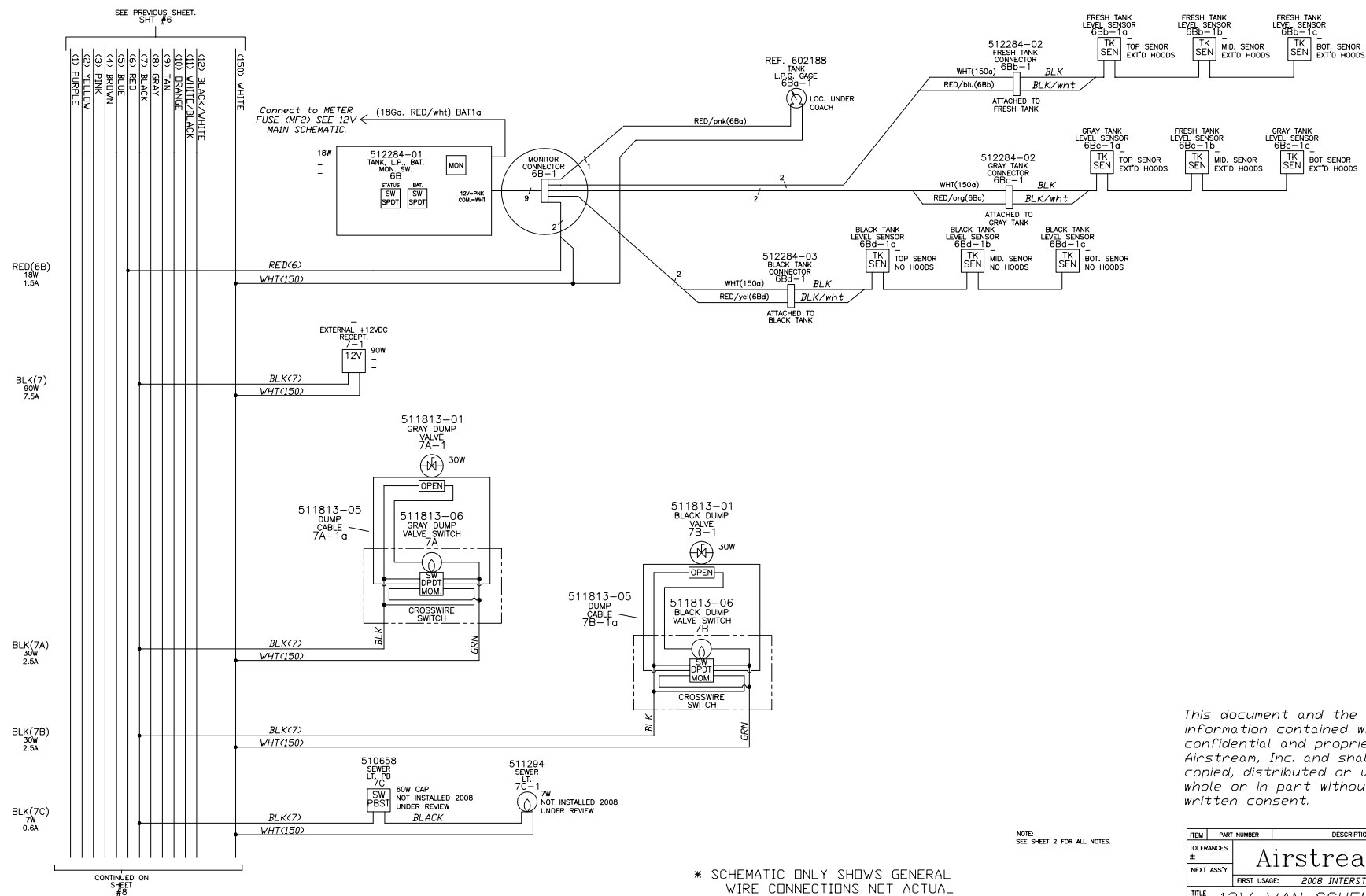


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ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
Airstream				
TOLERANCES	±			
NEXT ASSY	FIRST USAGE: 2008 INTERSTATE NCV3			
TITLE	12V VAN SCHEMATIC			
SCALE	DATE	DRAWING NUMBER	REV.	
N.T.S.	09.26.07	952923S6	D	C

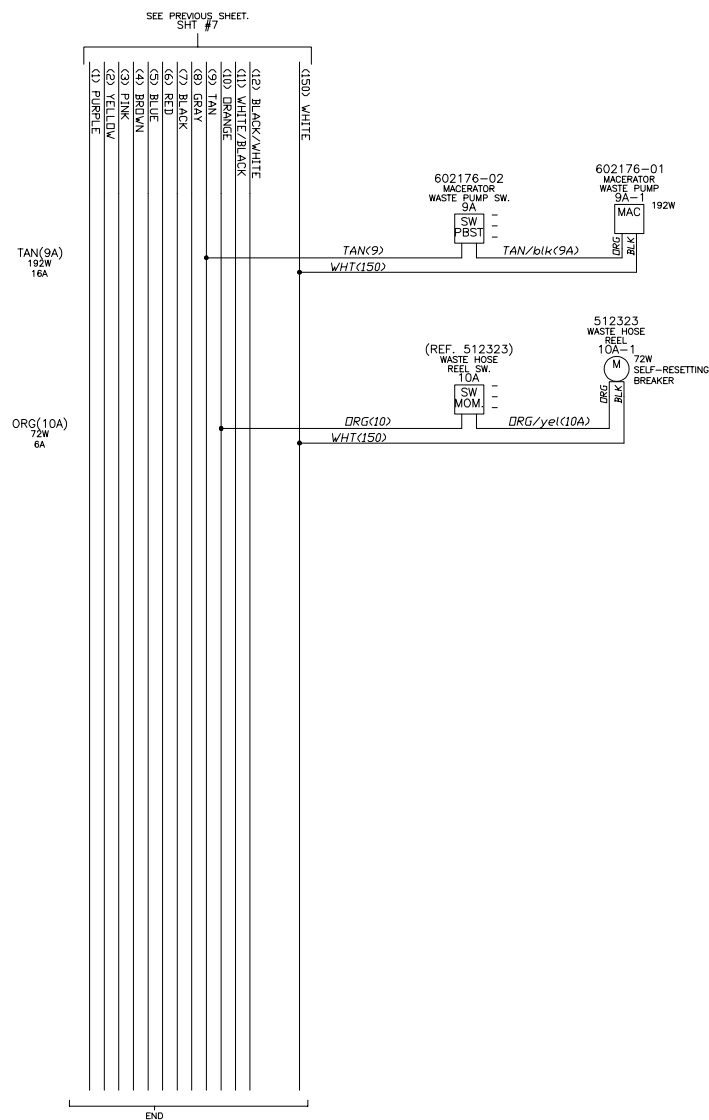


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ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
TOLERANCES ±				
NEXT ASSY		DRAWN BY Airstream		
TITLE		APPROVED BY MT		
SCALE		FIRST USAGE: 2008 INTERSTATE NCV3		
DATE		12V VAN SCHEMATIC		
N.T.S.		DRAWING NUMBER 952923S7		
09.26.07		D		
		REV. c		

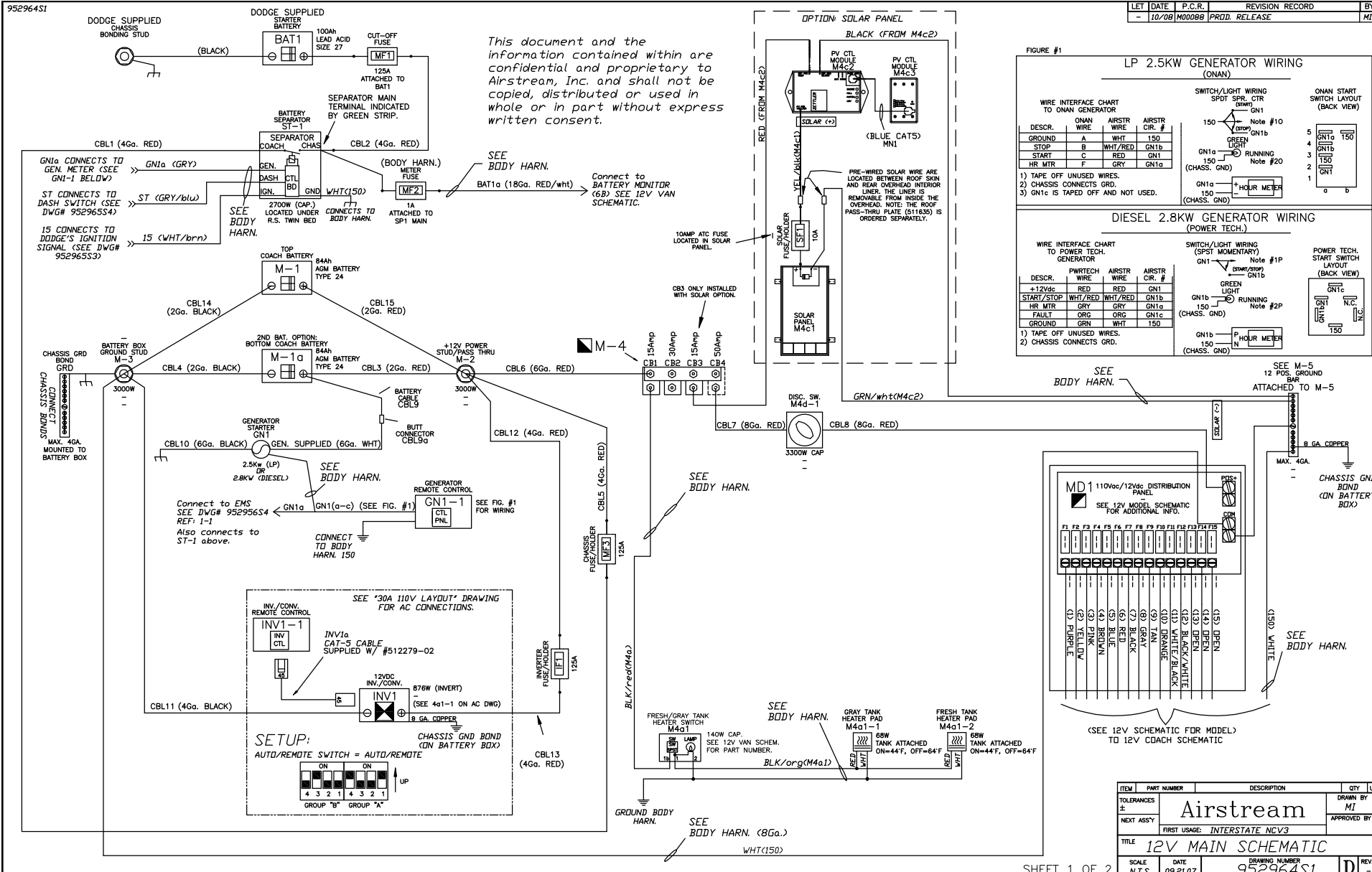


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ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
		FIRST USAGE: 2008 INTERSTATE NCV3		
TITLE 12V VAN SCHEMATIC				
SCALE N.T.S.	DATE 09.26.07	DRAWING NUMBER 952923S8	REV. D	C



STANDARD PARTLIST

CBI	■	510947-15	BREAKER, 12V DC, TYPE II, #12V15	1 EA
CB4	■	510947-50	BREAKER, 12V DC, TYPE II, #12V50	1 EA
IF1, MF3	■	512778-125	FUSE, TYPE BF1-32, 125AMP W/ 5M HOLES	3 EA
IF1, MF3	■	512777	FUSEHOLDER, BF1-32 FUSE SIZE W/ 5M BOLTS	2 EA
INV1	■	512779-01	INVERT/CONV 750WATT(INV)-45AMP(CONV) TRIPP-LITE	1 EA
INV1-1	■	512779-02	INVERTER REMOTE CONTROL TRIPP-LITE	1 EA
INV1a	■		(SEE 512779-02)	- FT
GEN1a	■		(SEE BUDY HARNESS)	- FT
MD1	■	512261 (REF)	POWER CENTER, 30A 110VAC/12VDC	- EA
M-1	■	512283	BATTERY, DISCOVERY 12V TYPE 24	1 EA
M-2	■	512281-02	STUD, JUNCTION BLOCK 38-16 STUD RED	1 EA
M-4 (BAR)	■	510948-04	BAR BUSS CIR. COPPER 4POS CONN	1 EA
M-4 (HOLDER)	■	510946-04	BRCKT, 4PO C.BREAKR, 12V,	0.33 EA
M4d-1	■	512313	SWITCH, MAIN DISCONNECT 12VDC 275AMP	1 EA
M-5	■	512282	DISTRIBUTION CENTER PANEL, 12 VOLT (SER. #PD60)	1 EA
(30A-2, 2D, M4a1-1)	■	(REF. 30A-2)	BLK 3-GANG 2 SPST W/1 RED SPST	1 FT
M4a1-1, M4a1-2	■	511812	HOLDING TANK HEATER TH-718	2 EA
ST-1	■	512280 (REF)	BATTERY SEPARATOR (1315-200)	1 EA
GND	■	510743	GROUND BAR, 3-1/2" LONG	1 EA

OPTION: SOLAR PANEL

(M4C1, M4C3)	■	511846	KIT-CHARGE CONTROLLER DISPLAY	1 EA
M4C1	■	511142-01	PANEL-SOLAR 53 WATT VLX-53	1 EA
CB3	■	510947-10	BREAKER, 12V DC, TYPE II, 10AMP, #12V10	1 EA
SF1	■	500773-10	FUSE, ATC, 12 VDC, 10 AMP	1 EA
SF1	■	195466-251	30 AMP FUSE HOLDER W/COVER	1 EA

OPTION: GENERATOR (L.P.G.)

GEN1	■	511811-01	GENERATOR, ONAN MICROLITE-2.5KV-FA / 26120(LP VAPOR)	1 EA
GEN1-1	■	511811-02	GEN., REMOTE CONTROL (ONAN)	1 EA
CB19	■	500836	POSITIVE BATTERY CABLE	1 EA
CB19a	■	500282	BUTT SPLICE BLUE #6	1 EA

OPTION: GENERATOR (DIESEL)

GEN1	■	512286-01	GENERATOR, DIESEL, 3KW POWER TECH (BLACK) PTRV-3-B	1 EA
GEN1-1	■	512286-02	GEN., REMOTE CONTROL (POWER TECH)	1 EA
CB19	■	500836	POSITIVE BATTERY CABLE	1 EA
CB19a	■	500282	BUTT SPLICE BLUE #6	1 EA

OPTION: 2ND BATTERY

FOR TWIN BED MODEL:

CB13	■	512363-03	3/8" RING to 3/8" RING, 2GA 125C RED (LEN. 11in)	1 EA
CB14	■	512363-04	3/8" RING to 5/16" RING, 2GA 125C BLACK (LEN. 13in)	1 EA
M-1a	■	512283	BATTERY, DISCOVERY 12V TYPE 24	1 EA

ADDITIONAL PARTLIST (TWIN BED MODEL)

CB11	■	512363-01	6M RING to 5/16" RING, 4GA 125C RED (LEN. 18in)	1 EA
CB12	■	512363-02	5/16" RING to 6M RING, 4GA 125C RED (LEN. 220in)	1 EA
CB15	■	512363-05	3/8" RING to 5M RING, 4GA 125C RED (LEN. 18in)	1 EA
CB16	■	512363-06	10-32 RING to 3/8" RING, 6GA 125C RED (LEN. 18in)	1 EA
CB17	■	512363-07	10-32 RING to 3/8" RING, 8GA 125C RED (LEN. 40in)	1 EA
CB18	■	512363-08	STRIPED to 3/8" RING, 8GA 125C RED (LEN. 64in)	1 EA
CB110	■	512363-10	1/2" RING to 1/2" RING, 6GA 125C BLACK (LEN. 24in)	1 EA
CB111	■	512363-11	STRIPED to 3/8" RING, 4GA 125C BLACK (LEN. 54in)	1 EA
CB112	■	512363-12	3/8" RING to 5M RING, 4GA 125C RED (LEN. 18in)	1 EA
CB113	■	512363-13	STRIPED to 5M RING, 4GA 125C RED (LEN. 34in)	1 EA
CB114	■	512363-14	5/16" RING to 3/8" RING, 2GA 125C BLACK (LEN. 13in)	1 EA
CB115	■	512363-15	5/16" RING to 3/8" RING, 2GA 125C RED (LEN. 7in)	1 EA

NOTE: CONDUCTORS MUST CONFORM TO THE REQUIREMENTS OF SAE STANDARDS J1127 OR J1128 OR THOSE HAVING AN INSULATION AS SPECIFIED IN IN TABLE 310.13 OF THE NEC. EQUIVALENT CONDUCTORS MAY ALSO BE USED. CONDUCTORS SIZES 6 AWG THRU 18 AWG OR SAE MUST ALSO BE LISTED.

LET | DATE | P.C.R. | REVISION RECORD | BY
SEE SHEET #1 FOR REVISION HISTORY

ONAN NOTES:

*10: On the LP generator press and hold start button until engine starts. Caution: do not crank for more than 10 seconds at a time and wait at least 30 seconds before trying again.

*20: The green light on the LP generator start switch will be light when the generator is running and will flash a diagnostic pattern when the generator is off and there is a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
LOW OIL PRESSURE	1
SERVICE REQUIRED	2
OVER CRANK	3

POWER TECH. NOTES:

*1P: On the Diesel generator press and hold start switch for one second to initiate start sequence.

*2P: On the Diesel generator start switch's green light will be light when the generator is running and will flash a diagnostic pattern when the generator is off with a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
FAILURE TO START	1
ENGINE HIGH WATER TEMP.	2
LOW OIL PRESSURE	3
NO AC SIGNAL	4
LOW COOLANT LEVEL	5

L.P.G. GEN. HARNESS CONNECTIONS



WIRE ENTRY VIEW

ONAN WIRES	AIRSTREAM WIRES
(A) WHT	(150) WHT
(B) WHT	(GN1b) WHT/RED
(C) WHT	(GN1) RED
(D) CAVITY PLUG	-
(E) CAVITY PLUG	-
(F) WHT	(GN1a) GRY
(G) CAVITY PLUG	-
(H) CAVITY PLUG	-
(GN1a) NOT USED (FOR DIESEL GEN.)	

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ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
FIRST USAGE:		INTERSTATE NCV3		
TITLE 12V MAIN SCHEMATIC				
SCALE N.T.S.	DATE 09.21.07	DRAWING NUMBER 952964S2	D	REV.

952965S1

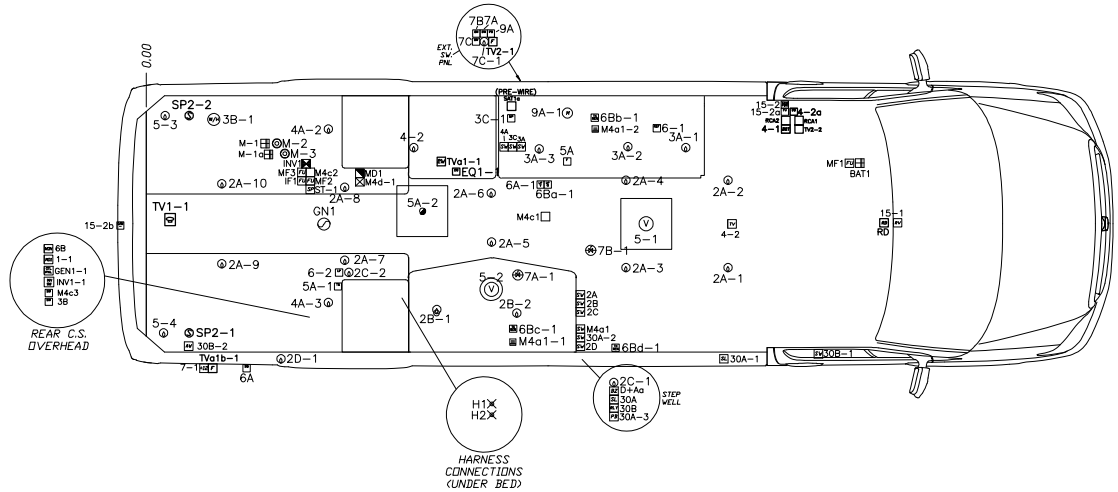
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-	10/08	M-00088	PRODUCTION RELEASE	MI

SCHEMATIC CHART

(NOTE: REVISION ARE NOT SHOWN ON CHART.)

ITEM	A/S	PN#	DESCRIPTION
1	952964		12V, ELECTRICAL MAIN SCHEMATIC
2	THIS DWG		12V, VAN SCHEMATIC
3	952924		SCHEMATIC, VAN A/V
4	952968		30A 110V LAYOUT
5	952967		110V LOC/ROUT DRAWING
6	952966		12V LOC/ROUT DRAWING



NOTE:
THIS LAYOUT SHOWS ALL 12VDC & AUDIO/VIDEO DEVICES.
SOME DEVICE SYMBOLS ABOVE WILL NOT BE LISTED ON
SHEET #2, BUT WILL APPEAR IN THERE RESPECTIVE
SCHEMATIC (VAN A/V OR 12V ELECTRICAL MAIN). FOR
110V_{ac} SEE 30A 110V LAYOUT DRAWING.

SEE SHEET 2 FOR ALL NOTES.			
ITEM	PART NUMBER	DESCRIPTION	QTY
Airstream			DRAWN BY
NEXT ASSY			APPROVED BY
FIRST USAGE: INTERSTATE NCV3 (TWIN)			
TITLE			
12V SCHEM. (TWIN BED)			
SCALE	DATE	DRAWING NUMBER	REV.
N.T.S.	09.26.08	952965S1	D

STANDARD 12VDC PART LIST (MAIN)

D+As	* 512301	BUZZER-DUAL TONE WARNING	1 EA
30A	* 512289-02	STEP, SGL SLIDE, ELEC, CTL BOX	1 EA
30A-1	* 512289-01	STEP, SGL SLIDE, ELEC, COACH STEP	1 EA
C30A-2, 2B, M4A1-D	* 512287	BLK 3-GANG 2 SPST W/1 RED SPST	1 EA
30A-3	* 512289-03	DODR SWITCH	1 EA
I-1	* 512357-01	DISPLAY, 120Vac EMS, 30AMP	1 EA
(2A, 2B, 2C), (3A, 3C, 4A-D)	* 511979	SWITCH ASSY-3 GANG BLK #AH-ASY	2 EA
2A-1 thru -10, 3A-1 thru -3	* 511695	SPOTLIGHT-BRUSHED NICKEL	13 EA
2B-1 thru -2	* 512300	SPOTLIGHT-BRUSHED WHT WATERTIGHT	2 EA
2C-1 thru -2	* 511361	LIGHT COURTESY FLUSH MOUNT BLA	2 EA
2D-1	* 512288	LIGHT, PATIO 12VDC (black)	1 EA
3B	* 690417-05	SWITCH-DUAL WATER HEATER #9123	1 EA
3B-1	* 690602	WATER HTR 6GAL W/ELEC & CONN	1 EA
3C-1	* 602177	PUMP, WATER 2.9GPM, 12VDC, FLOJET	1 EA
4-1	* 510788-03	AMPLIFIER ANT. TV (WHT) WINEGARD	1 EA
4-2	* 512242	LIGHT-INCANDESCENT W/SNG SWITCH	1 EA
4A-1 thru 4A-5	* 512311	TERM, BULLET MALE SHRINK w/SOLDER	6 EA
4A-1 thru 4A-5	* 512310	LIGHT, LED ROPE 3/8"DIA 1" SPACING	15 FT
5-2	* 382058	VENT, SMOKE EXHAUST ONLY MAXXAIR	1 EA
5-3	* 690266-04	VENTILATOR, POWER	1 EA
5-4, 5-5	* 512298	LIGHT-READING	2 EA
5A	* 690395-02	FURNACE 16K BTU	1 EA
5A-1	* 511228	T-STAT, WALL MOUNT ATTWOOD	1 EA
6-1	* 690599	REFER-30CF NOVA KOOL 12VDC/1	1 EA
6-2	* 511309	DETECTOR LPG	1 EA
6-2a	* SEE 6-2	LAMP INLINE	1 EA
6A	* 511805	SWITCH-ROTARY ON/OFF LP VALVE	1 EA
6A	* 381852	KNOB- LP REMOTE SWITCH INTEREST	1 EA
6A	* 386147	DECAL-ON/OFF LP REMOTE FILL	1 EA
6A-1	* REF. 602188	L.P.G. VALVE	1 EA
6B	* 512284-01	MONITOR, TANK, LPG, VOLT	1 EA
6Ba-1	* REF. 602188	L.P.G. TANK W/ GAGE	1 EA
6Ba-1, 6Bc-1	* 512284-02	TANK SENSOR (EXTENDED HOODS)	2 EA
6Ba-1	* 512284-03	TANK SENSOR (NO HOODS)	1 EA
7-1	* REF. 952924	12V RECEPT. INCLUDE W/ TV610-1	1 EA
7A, 7B	* 511813-06	SWITCH-HD WATERPROOF	2 EA
7A-1, 7B-1	* 511813-01	VALVE-ELEC WASTE #H-DHMS-H	2 EA
7A-1a, 7B-1a	* 511813-05	WATERPROOF CBL /W CONNS (18FT.)	2 EA
7C	* 510658	SWITCH W/WEATHER-PROOF BOOT #1	1 EA
7C-1	* 511294	LIGHT LICENSE PLATE	1 EA
ST-1	* 512360	BATTERY SEPARATOR (PRECISION CIR.)	1 EA
9A	* 602176-02	SWITCH, WASTE, MACERATOR, MOM. PB	1 EA
9A-1	* 602176-01	PUMP, WASTE, MACERATOR, SELF-PRIM	1 EA
10A	* 512323	WASTE HOSE REEL KIT W/ SW	1 EA
10A-1	* REF. 512323	SWITCH INCLUDED WITH KIT	1 EA
RN-1	* 512305	HARN, LICENSE PLATE W/ LT	1 EA
	* 512358	HARN, CETING, FUTURE	1 EA
	* 512359	HARN, BODY, INTERIOR	1 EA
	* 500773-05	FUSE, 5AMP, 12VDC, TYPE ATC	1 EA
	* 500773-07	FUSE, 7.5AMP, 12VDC, TYPE ATC	1 EA
	* 500773-15	FUSE, 15AMP, 12VDC, TYPE ATC	4 EA
	* 500773-20	FUSE, 20AMP, 12VDC, TYPE ATC	3 EA

AWNING OPTION:

30B	* 510844-01	RELAY BOSCH 0 332 209 151	1 EA
30B-1	* 703746-02	AWNING, FIAMMA, PATIO, SWITCH	1 EA
30B-2	* 703746-01	AWNING, FIAMMA, PATIO, MOTOR	1 EA

REARVIEW CAMERA/MONITOR OPTION:

15-1	* 512299	MONITOR, REARVIEW MIRROR +12VDC	1 EA
(15-2, 15-2a, 15-2b)	* 511948	CAMERA-REAR VIEW COLOR PIONEER	1 EA
15-2a	* SEE ABOVE	LAMP INLINE FUSE	1 EA
15-3	* 511645	"Y" ADAPTER MALE TO 2-FEMALE RCA	1 EA
15-3a	* 512056	BARREL COUPLER RCS GOLD F/F	1 EA

FRONT FLIP DOWN LCD TV OPTION:

4-2	* SEE VAN A/V	A/V SCHEMATIC VAN DWG 952924	1 EA
-----	---------------	------------------------------	------

A/C OPTION:

5A-1	* 690586-04	T-STAT, WALL MOUNT CARRIER	1 EA
5A-1	* 511228	T-STAT, WALL MOUNT ATTWOOD	1 EA
5A-2	* 690586-01	LOW PRO A/C W/T-STAT 13500 BTU	1 EA
5A-2	* 690586-03	FREEBLOW UNIT	1 EA

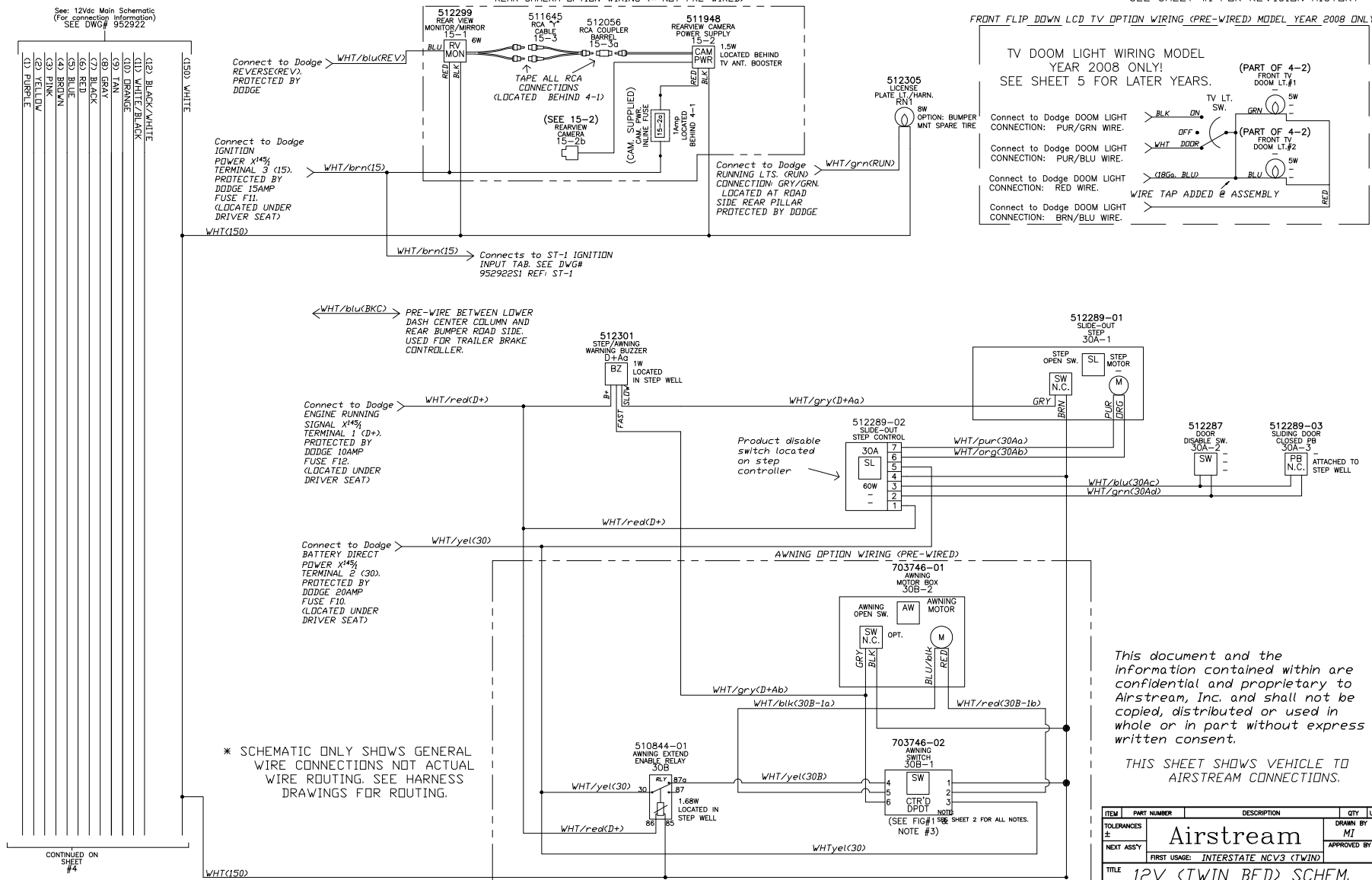
Note:

#1. SCHEMATIC ONLY SHOWS GENERAL WIRE CONNECTIONS
NOT ACTUAL WIRE ROUTING. SEE HARNESS DRAWINGS
FOR ROUTING.

#2- PRODUCTION USE MOST CURRENT HARNESS REVISION.

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ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
FIRST USAGE: <u>INTERSTATE NCV3 (TWIN)</u>				
TITLE <u>12V SCHEM. (TWIN BED)</u>				
SCALE	DATE	DRAWING NUMBER	REV.	
N.T.S.	09.26.08	952965S2	D	-



CIRCUIT LOAD CHART

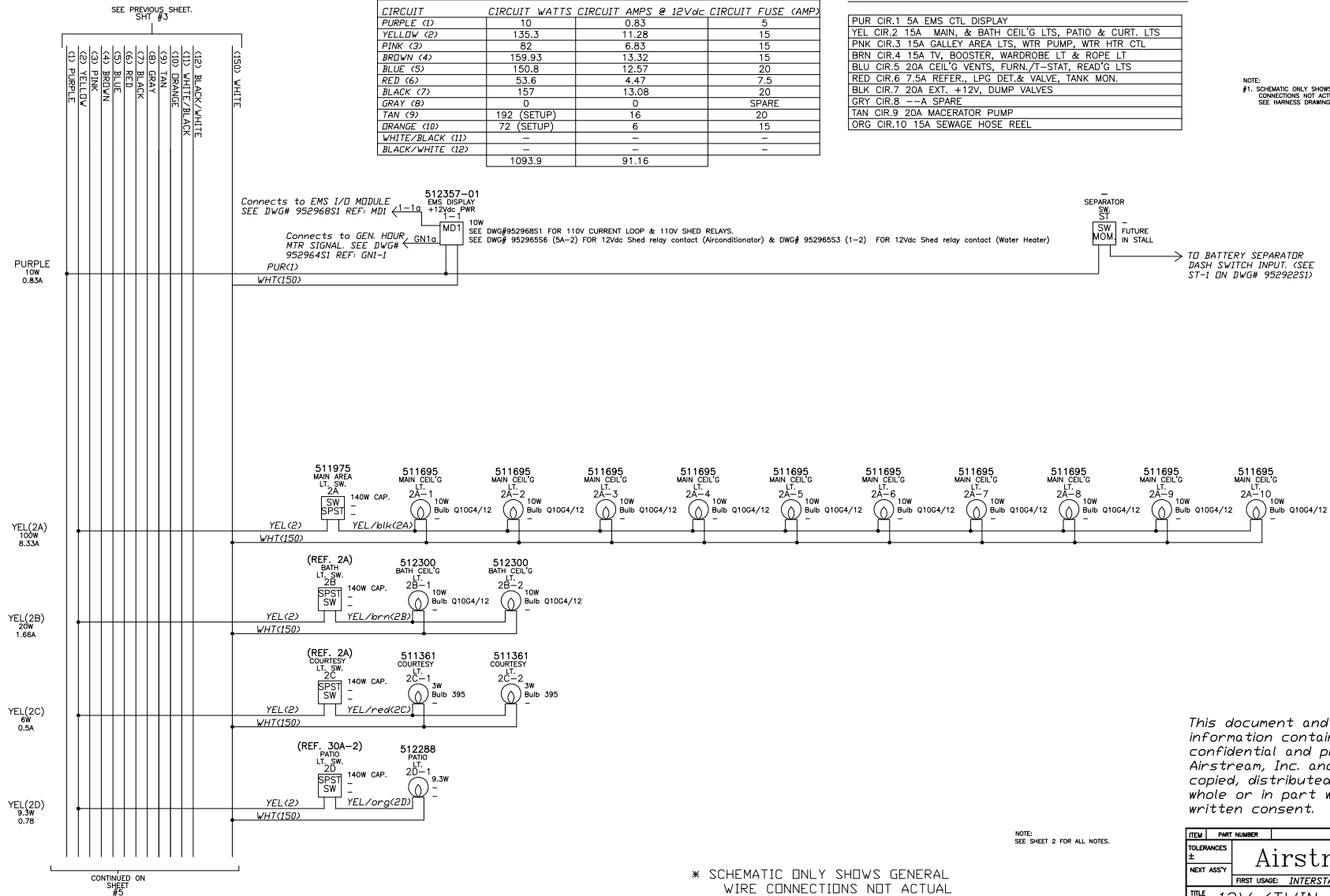
CIRCUIT	CIRCUIT WATTS	CIRCUIT AMPS @ 12Vdc	CIRCUIT FUSE (AMP)
PURPLE (1)	10	0.83	5
YELLOW (2)	135.3	11.28	15
PINK (3)	82	6.83	15
BROWN (4)	159.93	13.32	15
BLUE (5)	150.8	12.57	20
RED (6)	53.6	4.47	7.5
BLACK (7)	157	13.08	20
GRAY (8)	0	0	SPARE
TAN (9)	192 (SETUP)	16	20
ORANGE (10)	72 (SETUP)	6	15
WHITE/BLACK (11)	-	-	-
BLACK/WHITE (12)	-	-	-
	1093.9	91.16	

LABEL: 12VDC FUSE PANEL

PUR CIR.1 5A EMS CTL DISPLAY
YEL CIR.2 15A MAIN. & BATH CEIL'G LTS, PATIO & CURT. LTS
PNK CIR.3 15A GALLEY AREA LTS, WTR PUMP, WTR HTR CTL
BRN CIR.4 15A TV, BOOSTER, WARDROBE LT & ROPE LT
BLU CIR.5 20A CEIL'G VENTS, FURN./T-STAT, READ'G LTS
RED CIR.6 7.5A REFER., LPG DET.& VALVE, TANK MON.
BLK CIR.7 20A EXT. +12V, DUMP VALVES
GRY CIR.8 --A SPARE
TAN CIR.9 20A MACERATOR PUMP
ORG CIR.10 15A SEWAGE HOSE REEL

NOTE:
#1: SCHEMATIC ONLY SHOWS GENERAL WIRE
CONNECTIONS NOT ACTUAL WIRE ROUTING.
SEE HARNESS DRAWINGS FOR ROUTING.

LET DATE P.C.R. REVISION RECORD BY
SEE SHEET #1 FOR REVISION HISTORY

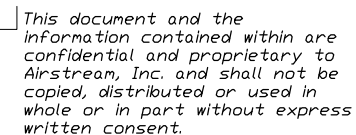


* SCHEMATIC ONLY SHOWS GENERAL
WIRE CONNECTIONS NOT ACTUAL
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NOTE:
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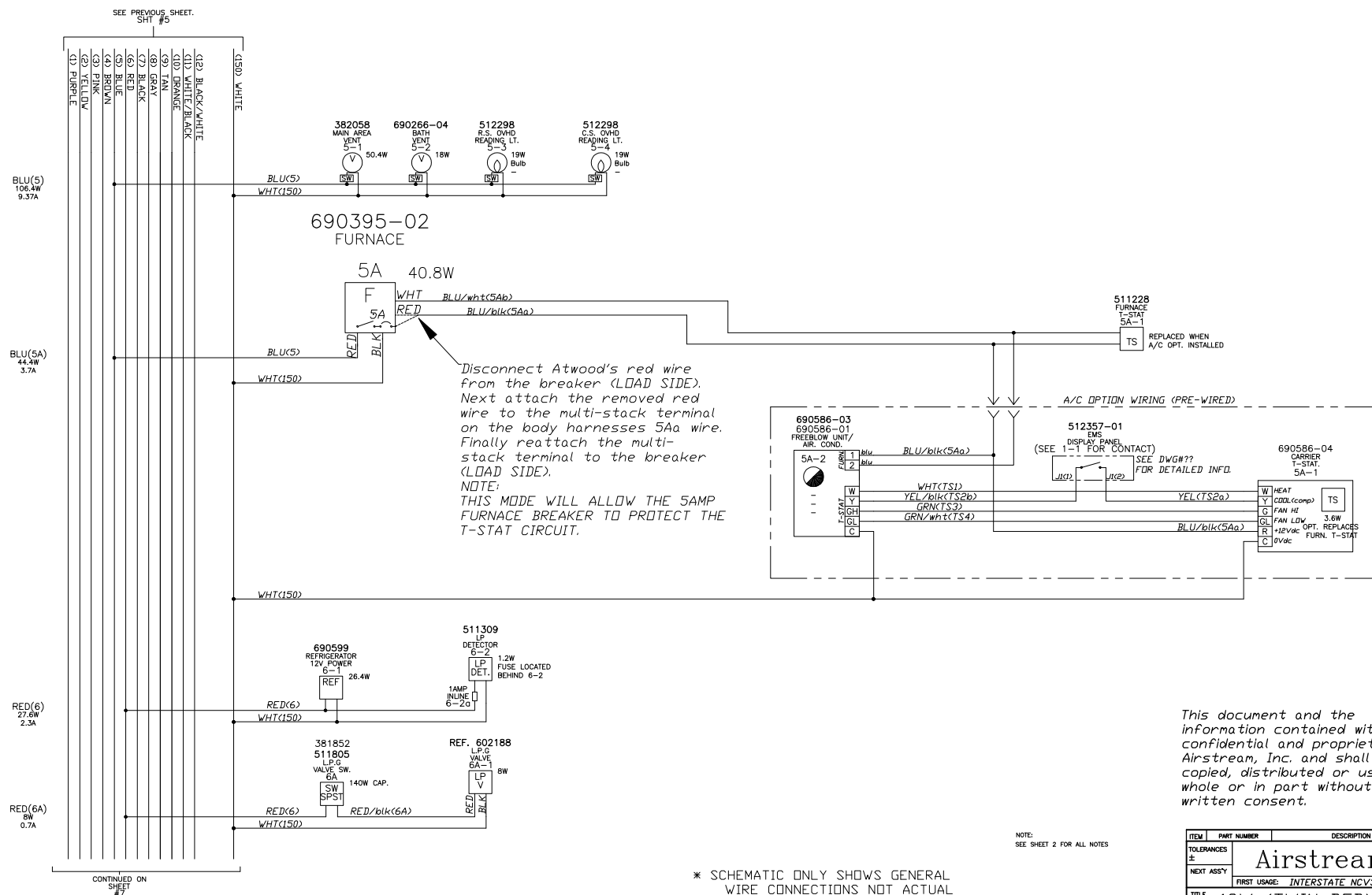
ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±		Airstream		DRAWN BY MT
NEXT ASSY		FIRST USAGE: INTERSTATE NCV3 (TWIN)		APPROVED BY
TITLE		12V (TWIN BED) SCHEM.		
SCALE	DATE	DRAWING NUMBER	REV.	
N.T.S.	09.26.08	952965S4	D	-



NOTE:
SEE SHEET 2 FOR ALL NOTES.

* SCHEMATIC ONLY SHOWS GENERAL
WIRE CONNECTIONS NOT ACTUAL
WIRE ROUTING. SEE HARNESS
DRAWINGS FOR ROUTING.

ITEM	PART NUMBER	DESCRIPTION	QTY
TOLERANCES ±	Airstream		DRAWN BY MI
NEXT ASSY			APPROVED BY
	FIRST USAGE: INTERSTATE NCV3 (TWIN)		
TITLE	12V (TWIN BED) SCHEM.		
SCALE	DATE	DRAWING NUMBER	REV
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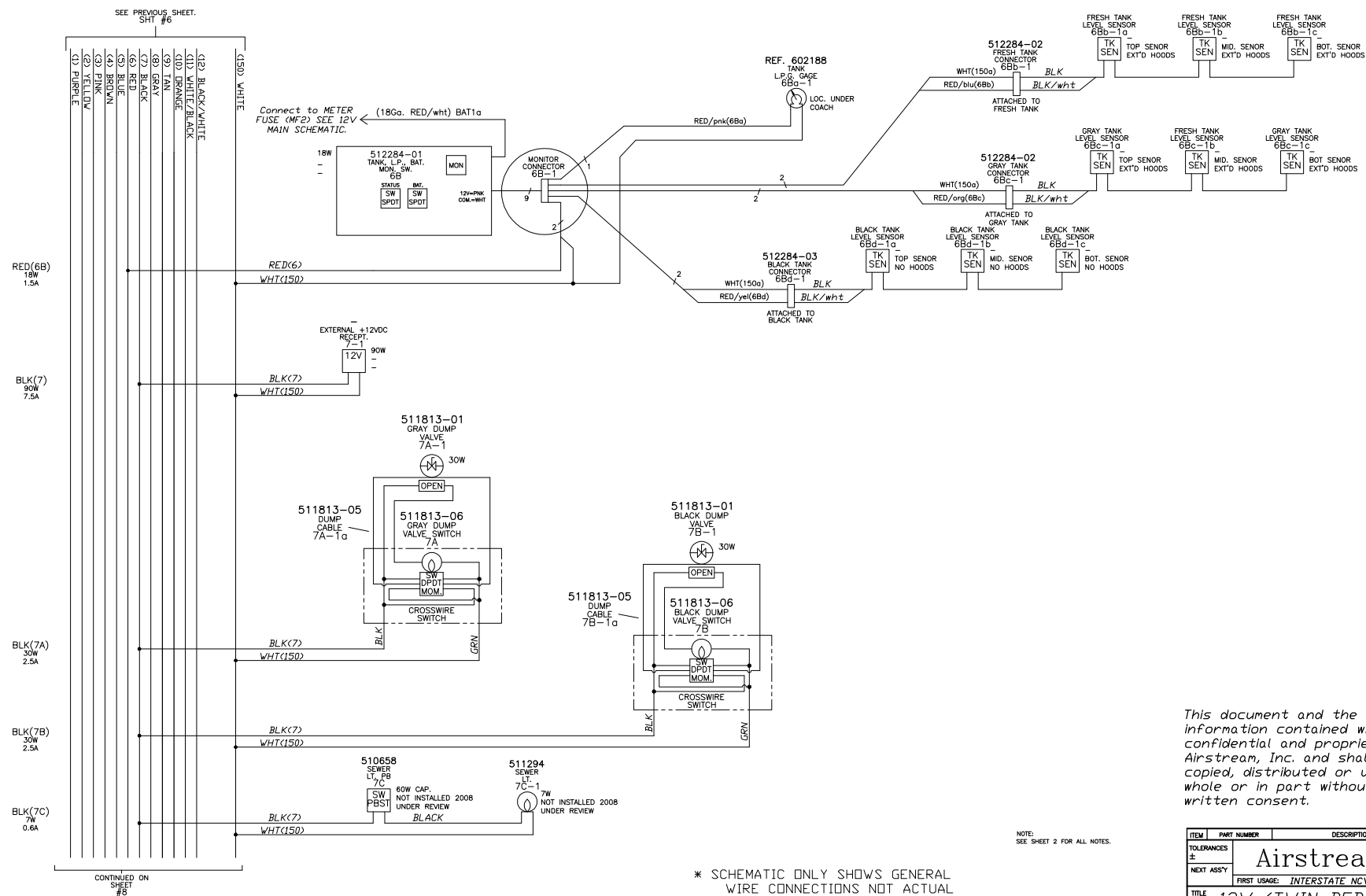


* SCHEMATIC ONLY SHOWS GENERAL WIRE CONNECTIONS NOT ACTUAL WIRE ROUTING. SEE HARNESS DRAWINGS FOR ROUTING.

NOTE:
SEE SHEET 2 FOR ALL NOTES

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ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
FIRST USAGE:		INTERSTATE NCV3 (TWIN)		
TITLE 12V (TWIN BED) SCHEM.				
SCALE N.T.S.	DATE 09.26.08	DRAWING NUMBER 952965S6	REV. D	

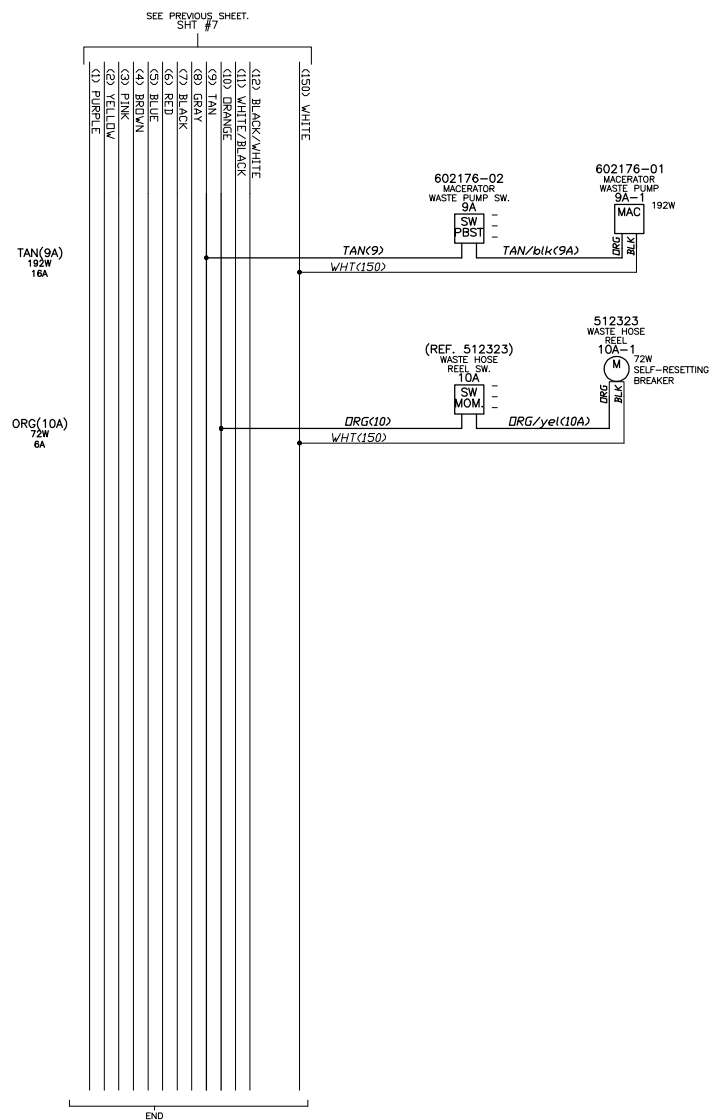


* SCHEMATIC ONLY SHOWS GENERAL WIRE CONNECTIONS NOT ACTUAL WIRE ROUTING. SEE HARNESS DRAWINGS FOR ROUTING.

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NOTE:
SEE SHEET 2 FOR ALL NOTES.

ITEM	PART NUMBER	DESCRIPTION	QTY	U
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
FIRST USAGE: INTERSTATE NCV3 (TWIN)				
TITLE 12V (TWIN BED) SCHEM.				
SCALE	DATE	DRAWING NUMBER	REV.	
N.T.S.	09.26.08	952965S7	D -	



* SCHEMATIC ONLY SHOWS GENERAL
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WIRE ROUTING. SEE HARNESS
DRAWINGS FOR ROUTING.

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written consent.

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY	FIRST USAGE: INTERSTATE NCV3 (TWIN)		APPROVED BY	
TITLE 12V (TWIN BED) SCHEM.				
SCALE N.T.S.	DATE 09.26.08	DRAWING NUMBER 952965S8	REV. D	

LET	DATE	P.C.R.	REVISION RECORD	BY
-	11/08	M-00088	PRODUCTION RELEASE	MT

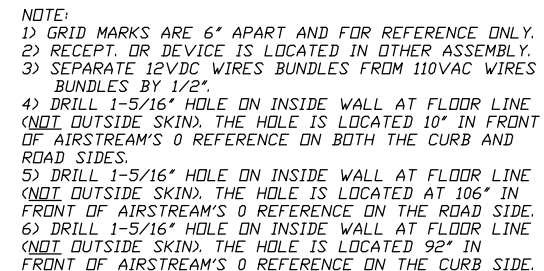


FIG.1
(UNDER ROAD SIDE TWIN BED)

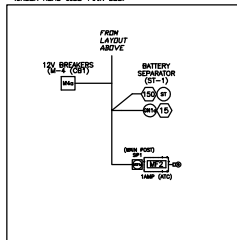


FIG.2
(DRIVER SEAT PEDESTAL)

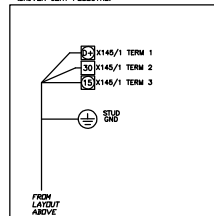


FIG.3
(REAR CURB SIDE OVERHEAD)

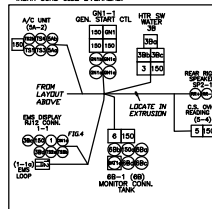
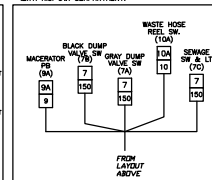


FIG.4
(EXT. R.S. SV. COMPARTMENT)

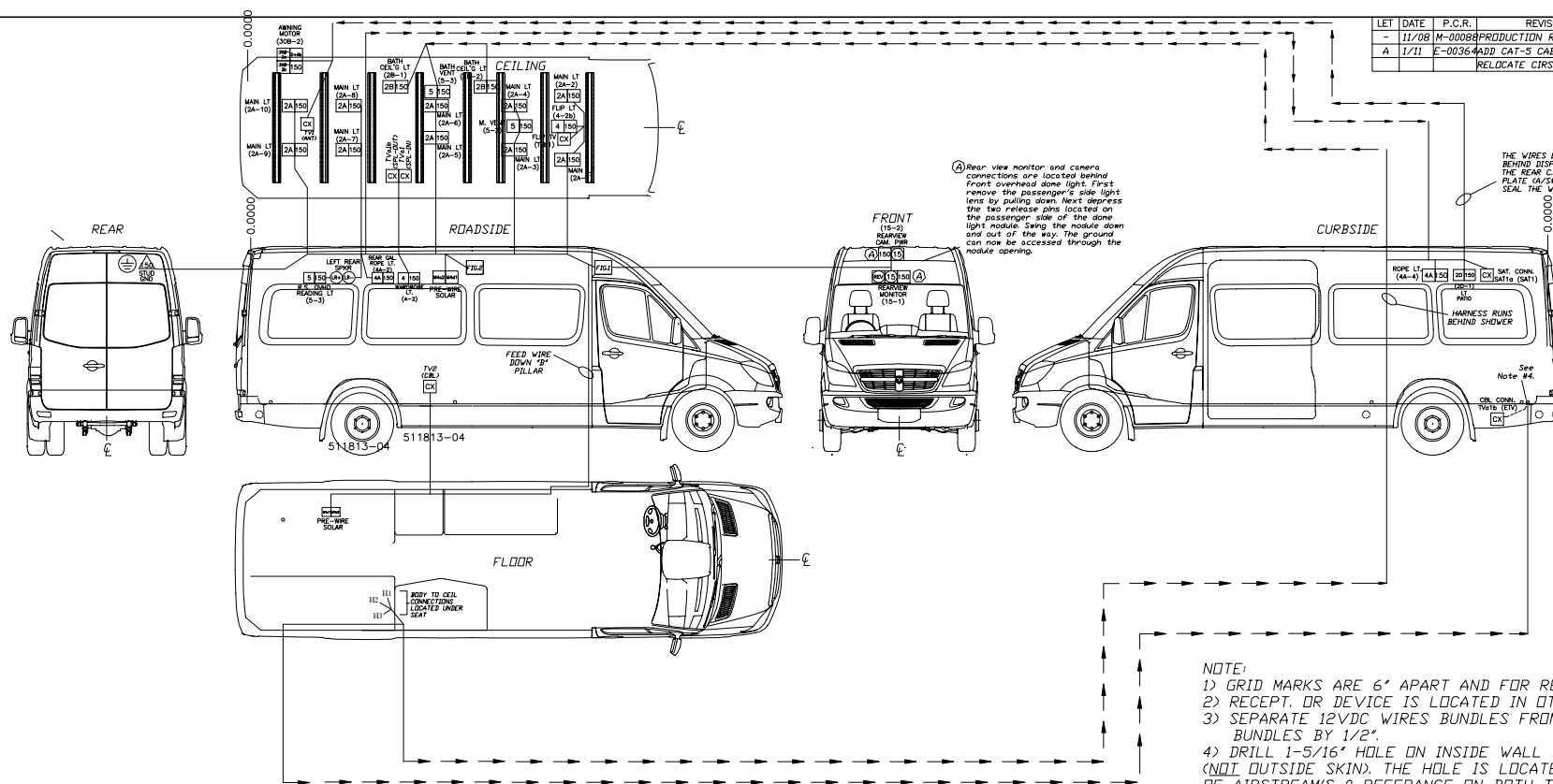


Wire Gauge Chart	
 = CAT-5 (RJ45)	 = PHONE (RJ11)
 = 26 Ga Wire	 = 14 Ga Wire
 = 20 Ga Wire	 = 12 Ga Wire
 = 18 Ga Wire	 = 10 Ga Wire
 = 16 Ga Wire	 = 8 Ga Wire

ITEM	PART NUMBER	DESCRIPTION	QTY	U
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
FIRST USAGE:		INTERSTATE NCV3 TWIN		
TITLE 12VDC LOC/ROUT (BODY HARN.)				
SCALE N.T.S.	DATE 11/4/08	DRAWING NUMBER 952966S1	D	REV. -

952966S2

LET	DATE	P.C.R.	REVISION RECORD	BY
-	11/08	M-00088	PRODUCTION RELEASE	MI
A	1/11	E-00364	ADD CAT-5 CABLE FOR SOLAR DISPLAY	RA
			RELOCATE CIRCS. 15, REV. & 150	RA



NOTE:

- 1) GRID MARKS ARE 6" APART AND FOR REFERENCE ONLY.
- 2) RECEPT. OR DEVICE IS LOCATED IN OTHER ASSEMBLY.
- 3) SEPARATE 120VDC WIRES BUNDLES FROM 110VAC WIRES BUNDLES BY 1/2".
- 4) DRILL 1-5/16" HOLE ON INSIDE WALL AT FLOOR LINE (NOT OUTSIDE SKIN). THE HOLE IS LOCATED 10" IN FRONT OF AIRSTREAM'S 0 REFERENCE ON BOTH THE ROAD SIDES.

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FIG.1
FRONT OVERHEAD:

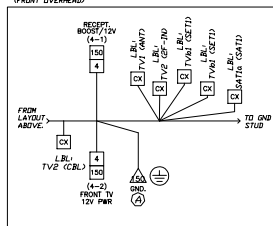
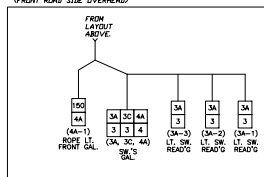


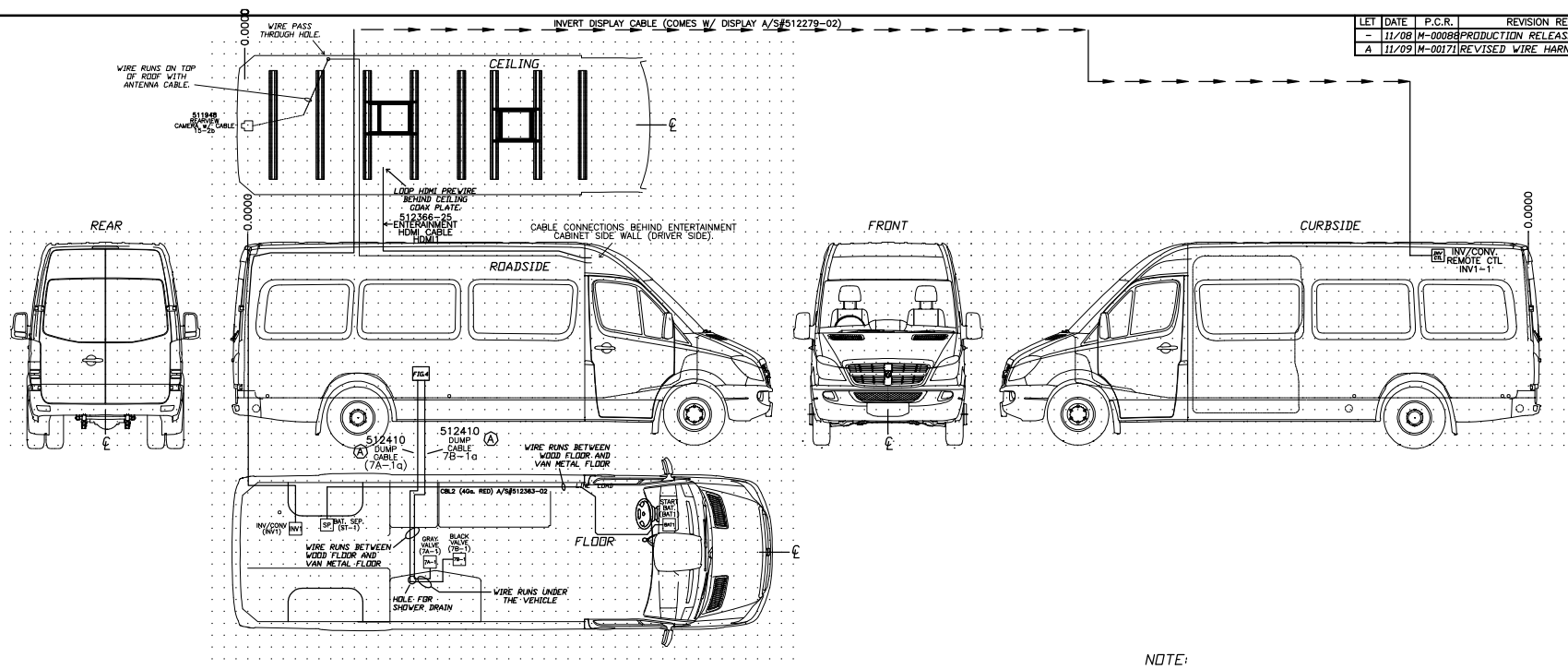
FIG.2
(FRONT ROAD SIDE OVERHEAD)



Wire Gauge Chart	
 = CAT-5 (RJ45)	 = PHONE (RJ11)
 = 26 Ga Wire	 = 14 Ga Wire
 = 20 Ga Wire	 = 12 Ga Wire
 = 18 Ga Wire	 = 10 Ga Wire
 = 16 Ga Wire	 = 8 Ga Wire

ITEM	PART NUMBER	DESCRIPTION	QTY	U
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
FIRST USAGE:		INTERSTATE NCV3 TWIN		
TITLE 12VDC LOC/ROUT (CEIL HARN.)				
SCALE N.T.S.	DATE 11/4/08	DRAWING NUMBER 95296852	D	REV. A

952966S3



NOTE:

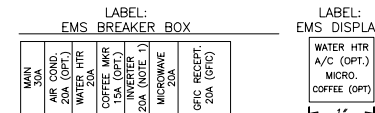
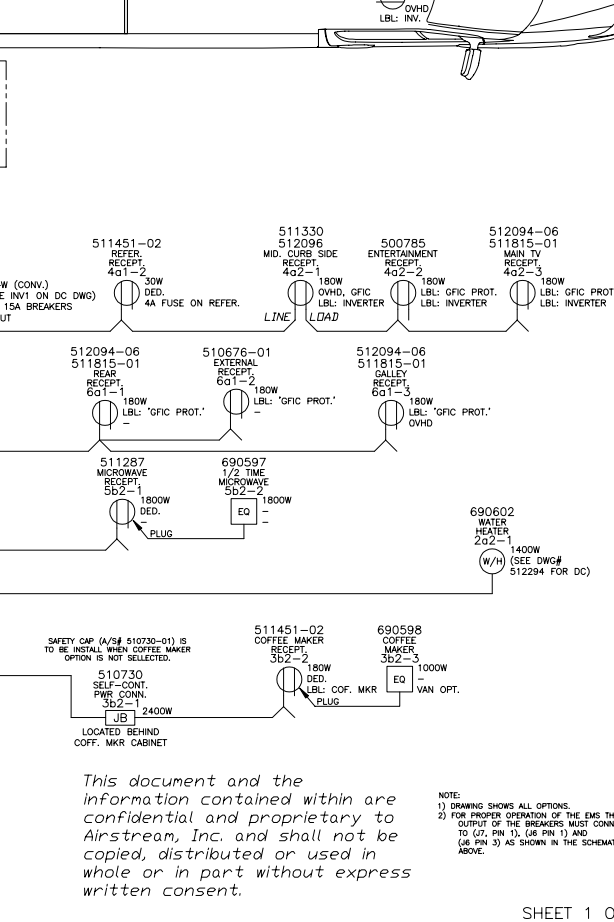
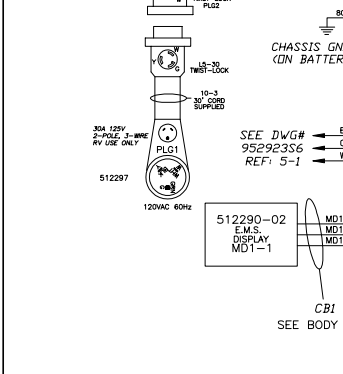
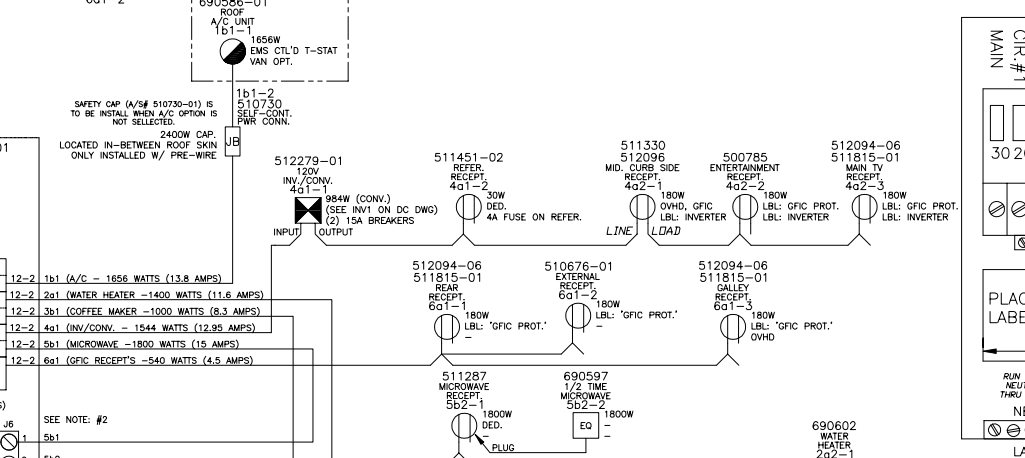
- 1) GRID MARKS ARE 6" APART AND FOR REFERENCE ONLY.
- 2) RECEPT. OR DEVICE IS LOCATED IN OTHER ASSEMBLY.
- 3) SEPARATE 12VDC WIRES BUNDLES FROM 110VAC WIRES BUNDLES BY 1/2".
- 4) SEE 12V MAIN SCHEMATIC (A/S DWG#952922S1) SHORTER INTERCONNECTING WIRES.

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Wire Gauge Chart	
 = CAT-5 (RJ45)	 = PHONE (RJ11)
 = 26 Ga Wire	 = 14 Ga Wire
 = 20 Ga Wire	 = 12 Ga Wire
 = 18 Ga Wire	 = 10 Ga Wire
 = 16 Ga Wire	 = 8 Ga Wire

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM				
TOLERANCES ±	Airstream		DRAWN BY MI					
NEXT ASSY			APPROVED BY					
FIRST USAGE: INTERSTATE NCV3 TWIN								
TITLE 12VDC LOC/ROUT (MISC. HARN.)								
SCALE N.T.S.	DATE 4/4/08	DRAWING NUMBER 952966S3		REV. A				

30 Amp - 110 Volt Electrical Schematics

[illegible]

NOTE:
1) DRAWING SHOWS ALL OPTIONS.
2) FOR PROPER OPERATION OF THE EMS THE
OUTPUT OF THE BREAKERS MUST CONNE
TO (J7, PIN 1), (J6 PIN 1) AND
(J6 PIN 3) AS SHOWN IN THE SCHEMATIC
ABOVE.

SHEET 1 OF 2

STANDARD PARTLIST

6a1-2	#	510676-01	OUTLET, EXTERIOR, 120 VOLT, GR	1 EA
4a2-3	#	300785	RECEPTACLE DUPLEX BRN SELF CON	1 EA
4a2-2, 6a1-1, 6a1-3	#	511815-01	RECEPTACLE DUPLEX BLK SELF CON	3 EA
4a2-2, 6a1-1, 6a1-3	#	512094-06	PLATE-DECORATOR 1 GANG BLK	3 EA
4a2-1	#	511330	BOX- SWITCH 3"X2"X3.5" CSA	1 EA
4a2-1	#	512096	RECEPTACLE GFI W/BLK COVER	1 EA
4a1-1	#	512279-01	INVERT/CONV 750WATT-45AMP	1 EA
4a1-2, 5a2-2	#	511451-02	RECEPTACLE 20A SINGLE BROWN XL	2 EA
5a2-2	#	690597	1/2 TIME MICROWAVE	1 EA
2a2-1	#	690602	WATER HTR 6 GAL W/ELEC. ELEMENT	1 EA
1b1-2, 3a2-1	#	512052	SELF-CONTAINED PWR CONN.	2 EA
1b1-2, 3a2-1	#	512052-01	SELF-CONT. PWR CONN. SAFETY CAP	2 EA
6 & 7 (GFI BREAKER)	#	510564-06	BREAKER, TYPE BR, 20GFI, #GFCB-	1 EA
2 & 3 (TANDOM BREAKER)	#	510564-08	BREAKER BRYANT 20 - 15	1 EA
4 & 5 (TANDOM BREAKER)	#	510564-04	BREAKER, TYPE BR, BD 20-20	1 EA
M & 1 (BREAKER)	#	510564-02	BREAKER BRYANT 30 AMP	1 EA
MD1-1	#	512290-02	DISPLAY, 120VAC EMS, 30AMP	1 EA
MD1	#	512290-01	BREAKER PANEL, 120VAC EMS, 30AMP	1 EA
PLG2	#	512099	POWER INLET, 30A, 125V, MALE - SS	1 EA
PLG1	#	512297	PWR CORD ULTRA-FLEX 30AMP 30FT	1 EA
CB1	#	512290-03	CABLE, BEAKER PNL TO DISPLAY, 2FT	1 EA

OPTION: GENERATOR PARTLIST (L.P.G)

TRN1	#	510562	TRANSFER SWITCH 30AMP	1 EA
GNI-1	#	511811-02	GEN. REMOTE CONTROL (ONAN)	1 EA
GNI	#	511811-01	GEN. ONAN MICROLITE 25KV-FA (LP)	1 EA
CON1, CON2	#	510857-04	CONDUIT, FLEX. LIQUID TIGHT 1/2"	2 FT
JBI	#	510817-01	JUNCTION BOX	1 EA
JBI	#	510817-02	SGL GANG WEATHER PROOF EXT. RING	2 EA
JBI, GNI, (FLOOR)	#	511468-01	CONDUIT PRESSURE FITTING	4 EA
JBI	#	511535	ADAPTOR-JUNCTION BOX COUPLING	2 EA

NOTE: 10

OPTION: GENERATOR PARTLIST (DIESEL)

TRN1	#	510562	TRANSFER SWITCH 30AMP	1 EA
GNI-1	#	512286-02	GEN., REMOTE CONTROL (POWER TECH)	1 EA
GNI	#	512286-01	GEN., DIESEL, 3KW POWER TECH.	1 EA
CON1, CON2	#	510857-04	CONDUIT, FLEX. LIQUID TIGHT 1/2"	2 FT
JBI	#	510817-01	JUNCTION BOX	1 EA
JBI, GNI, (FLOOR)	#	511468-01	CONDUIT PRESSURE FITTING	4 EA
JBI	#	511535	ADAPTOR-JUNCTION BOX COUPLING	2 EA

NOTE: 1P

OPTION: A/C PARTLIST

1b1-1a	#	690596-03	A/C-CARRIER T-STAT	1 EA
1b1-1	#	690596-01	A/C-CARRIER LOW PROFILE 13,500BTU	1 EA
1b1-1	#	690596-03	A/C-CARRIER LOW PROFILE BLOWER	1 EA
1b1-1	#	690596-04	A/C-CARRIER WALL T-STAT	1 EA
M & 1 (BREAKER)	#	510564-05	BREAKER BRYANT 30-20	1 EA
M & 1 (BREAKER)	#	510564-02	BREAKER BRYANT 30 AMP	-1 EA
1b1-2	#	512052	SELF-CONTAINED PWR CONN.	-1 EA
1b1-2	#	512052-01	SELF-CONT. PWR CONN. SAFETY CAP	-1 EA

OPTION: COFFEE MAKER PARTLIST

3a2-3	#	690598	COFFEE MAKER, W/ CARAFE	1 EA
3a2-2	#	511451-02	RECEPTACLE 20A SINGLE BROWN XL	1 EA
3a2-1	#	512052	SELF-CONTAINED PWR CONN.	1 EA
3a2-1	#	512052-01	SELF-CONT. PWR CONN. SAFETY CAP	-1 EA

ONAN NOTES:

*10: On the LP generator press and hold start button until engine starts. **Caution:** do not crank for more than 10 seconds at a time and wait at least 30 seconds before trying again.

*20: The green light on the LP generator start switch will be light when the generator is running and will flash a diagnostic pattern when the generator is off and their is a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
LOW OIL PRESSURE	1
SERVICE REQUIRED	2
OVER CRANK	3

POWER TECH. NOTES:

*1P: On the Diesel generator press and hold start switch for one second to initiate start sequence.

*2P: On the Diesel generator start switch's green light will be light when the generator is running and will flash a diagnostic pattern when the generator is off and their is a fault condition.

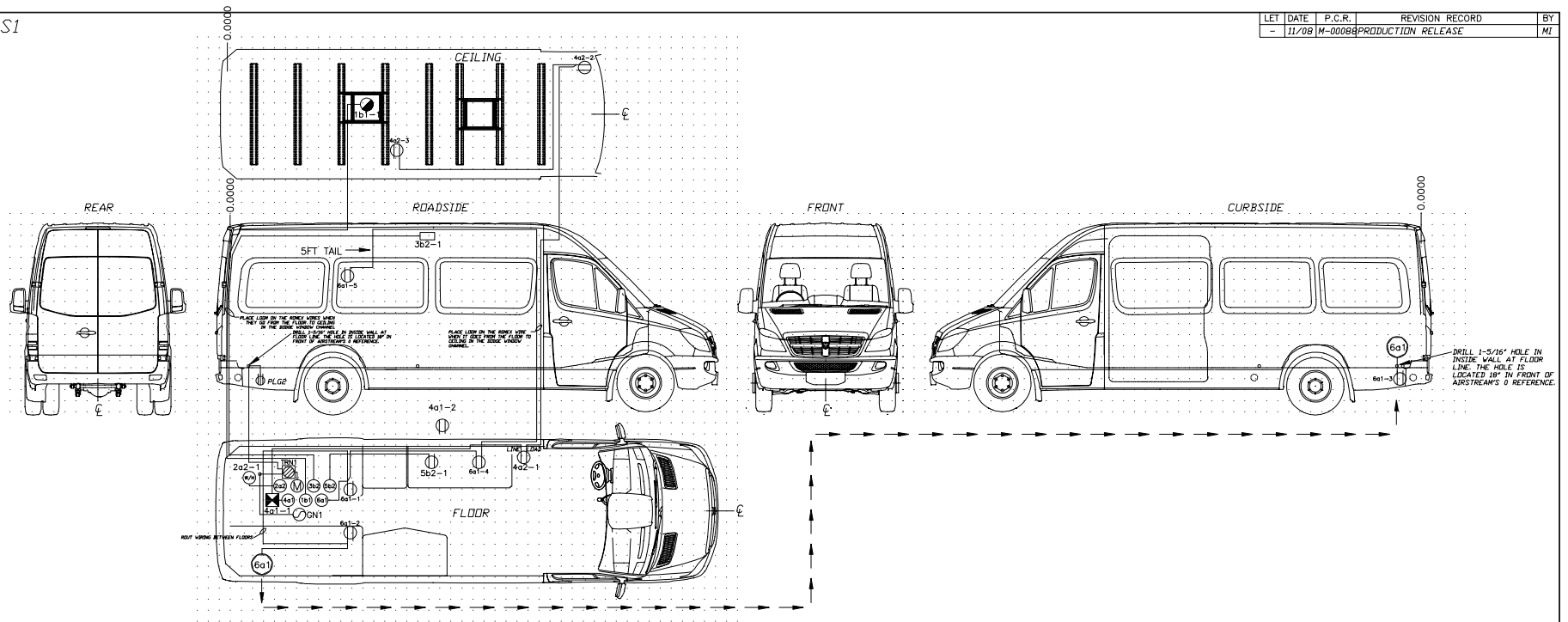
FAULT CODES:	GRN LIGHT FLASHES
FAILURE TO START	1
ENGINE HIGH WATER TEMP.	2
LOW OIL PRESSURE	3
NO AC SIGNAL	4
LOW COOLANT LEVEL	5

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ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±	Airstream		DRAWN BY	MI
NEXT ASSY			APPROVED BY	
FIRST USAGE: 2008 INTERSTATE NCV3				
TITLE 30A 110V LAYOUT USA				
SCALE	DATE	DRAWING NUMBER	D	REV. C
N.T.S.	09.21.07	952917S2		

952967S1

LET	DATE	P.C.R.	REVISION RECORD	BY
-	11/08	M-00088	PRODUCTION RELEASE	MI



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USA CHART

SEE SHEET #2 FOR OPTION WIRING. (OPTIONS MAY CHANGE THIS SHEET.)

CIR. #	WIRE TYPE	PN#	CUT LENGTH
MAIN	WIRE #10-2 ROMEX W/GROUND (ORG)	510152	FT
1	WIRE ROMEX 12-2 WITH GROUND (YEL)	500040	FT
2	WIRE ROMEX 12-2 WITH GROUND (YEL)	500040	FT
3	WIRE ROMEX 12-2 WITH GROUND (YEL)	500040	FT
4	WIRE ROMEX 12-2 WITH GROUND (YEL)	500040	FT

Wire Gauge Chart

= CAT-5 (RJ45)	= PHONE (RJ11)
= 26 Ga Wire	= 14 Ga Wire
= 20 Ga Wire	= 12 Ga Wire
= 18 Ga Wire	= 10 Ga Wire
= 16 Ga Wire	= 8 Ga Wire

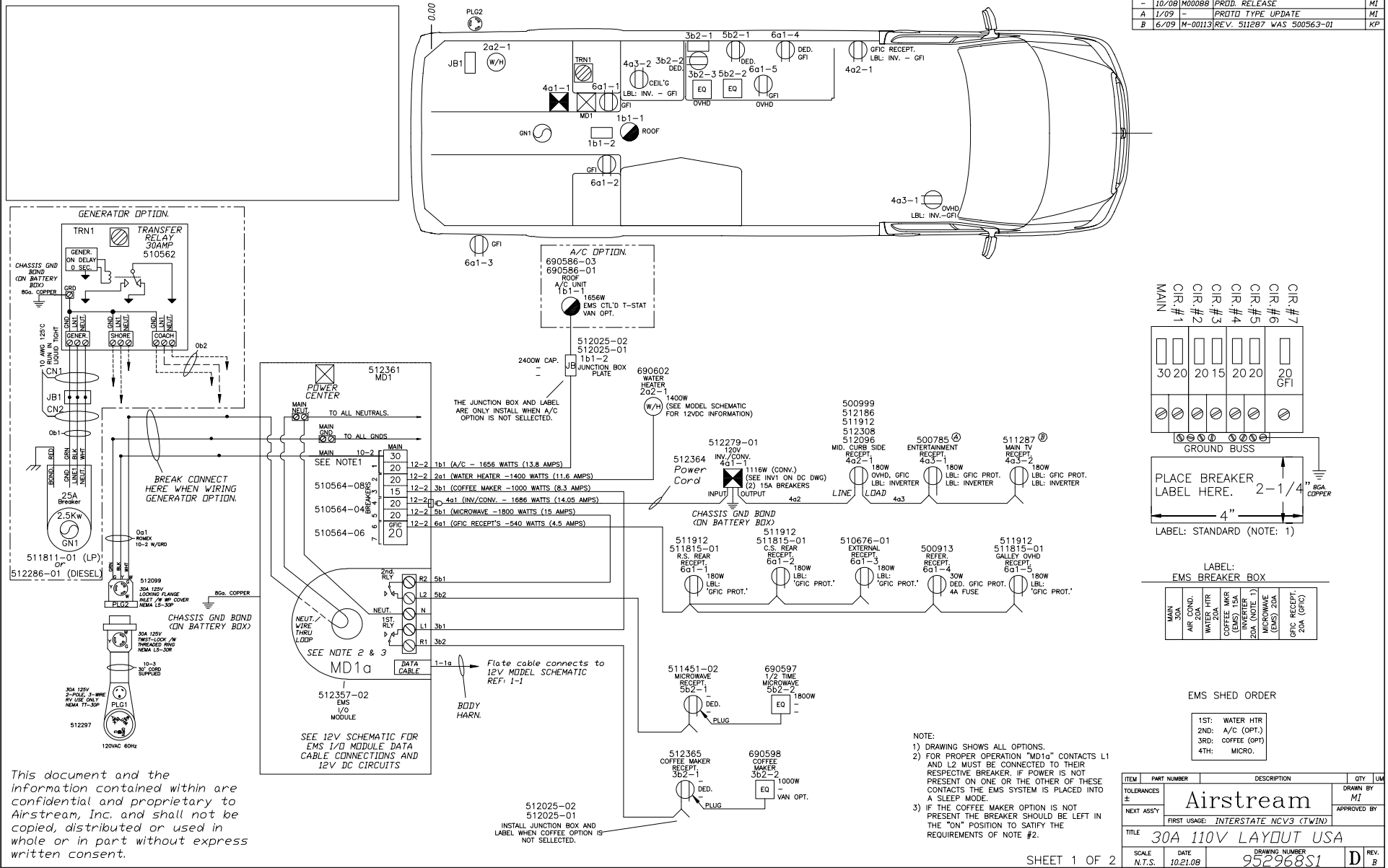
C.L. = CENTER LINE OF UNIT.
V = MOUNT VERTICAL
H = MOUNT HORIZONTAL

ALL RECEPT. 6" (MIN.) REPAIR LOOP

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES				
±				
NEXT ASSY				
FIRST USAGE:		INTERSTATE NCV3 TWIN		
TITLE		110V LDC/ROUT		
SCALE	DATE	DRAWING NUMBER		REV.
N.T.S.	11/4/08	952967S1	D	—

952968S1

LET	DATE	P.C.R.	REVISION RECORD	BY
-	10/08	M00088	PROD. RELEASE	MT
A	1/09	-	PROTO TYPE UPDATE	MT
B	6/09	M-00113	REV. 511287 WAS 500563-01	KP



STANDARD PARTLIST

B	6a1-4, 4a3-2	# 511287	RECEPTACLE SINGLE 15 AMP	2 EA
	6a1-3	# 510676-01	OUTLET, EXTERIOR, 120 VOLT, GR	1 EA
	6a1-1, 6a1-2, 6a1-5	# 511815-01	RECEPTACLE DUPLEX BLK SELF CON	3 EA
	5b2-1	# 511451-02	RECEPTACLE 20A SINGLE BROWN XL	1 EA
	5b2-2	# 690597	1/2 TIME MICROWAVE	1 EA
B	4a3-2	# 500563-01	RECEPTACLE, 15A-125V-T&B-TYPE	1 EA
	4a3-1	# 500785	OUTLET, DUPLEX BROWN T&B	1 EA
	4a2-1, 6a1-1, 6a1-2, 6a1-5	# 511912	PLATE, RECEPT, STAINLESS STEEL	4 EA
	4a2-1	# 512186	EXTENSION RING-GFCI BLACK	2 EA
	4a2-1	# 512308	BOX -SHALLOW SWITCH & OUTLET	1 EA
A	4a2-1	# 512096	RECEPTACLE GFCI W/BLK COVER	1 EA
	4a2-1	# 500999	SLEEVE, CRIMPING #20065	1 EA
	4a1-1	# 512279-01	INVERT/CONV 750WATT-45AMP	1 EA
	4a1-1(plug)	# 512364	CORD, 3FT 20AMP CORD W/ PLUG	1 EA
	2a2-1	# 690602	WATER HTR 6 GAL W/ELEC ELEMENT	1 EA
A	1b1-2, 3b2-1	# 512025-02	WALLPLATE, SNAP-ON WHITE	2 EA
	1b1-2, 3b2-1	# 512025-01	JUNCTION DEVICE, SELF-CONT, WHITE	2 EA
	6 & 7 (GFCI BREAKER)	# 510564-06	BREAKER, TYPE BR, 20GFI, #GFCB-	1 EA
	2 & 3 (TANDUM BREAKER)	# 510564-08	BREAKER BRYANT 20 - 15	1 EA
	4 & 5 (TANDUM BREAKER)	# 510564-04	BREAKER, TYPE BRD, BD 20-20	1 EA
	M & 1 (BREAKER)	# 510564-02	BREAKER BRYANT 30 AMP	1 EA
	MD1a	# 512357-02	EMS Mini-PCS I/O Module	1 EA
	MD1	# 512361	POWER CENTER, 30A 110Vac/12Vdc	1 EA
	PLG2	# 512099	POWER INLET, 30A, 125V, MALE - SS	1 EA
	PLG1	# 512297	PVR CORD ULTRA-FLEX 30AMP 30FT	1 EA
	PLG1	# 512297	PVR CORD ULTRA-FLEX 30AMP 30FT	1 EA

OPTION: GENERATOR PARTLIST (L.P.G)

TRN1	# 510562	TRANSFER SWITCH 30AMP	1 EA	NOTE: 10
GNI-1	# 511811-02	GEN., REMOTE CONTROL (DNAN)	1 EA	
GNI	# 511811-01	GEN., DNAN MICROLITE-25KV-FA (LP)	1 EA	
CNI, CN2	# 510857-04	CONDUIT, FLEX. LIQUID TIGHT 1/2"	10 FT	
JBI	# 510817-01	JUNCTION BOX	1 EA	
JBI	# 510817-02	SGL GANG WEATHER PROOF EXT. RING	2 EA	
JBI, GNI, (FLOOR)	# 511468-01	CONDUIT PRESSURE FITTING	4 EA	
JBI	# 511535	ADAPTOR-JUNCTION BOX COUPLING	2 EA	

OPTION: GENERATOR PARTLIST (DIESEL)

TRN1	# 510562	TRANSFER SWITCH 30AMP	1 EA	NOTE: 1P
GNI-1	# 512286-02	GEN., REMOTE CONTROL (POWER TECH)	1 EA	
GNI	# 512286-01	GEN., DIESEL, 3KW POWER TECH.	1 EA	
CNI, CN2	# 510857-04	CONDUIT, FLEX. LIQUID TIGHT 1/2"	10 FT	
JBI	# 510817-01	JUNCTION BOX	1 EA	
JBI, GNI, (FLOOR)	# 511468-01	CONDUIT PRESSURE FITTING	4 EA	
JBI	# 511535	ADAPTOR-JUNCTION BOX COUPLING	2 EA	

OPTION: A/C PARTLIST

1b1-1	# REF. 690586-01	A/C-CARRIER LOW PROFILE 13,500BTU	1 EA
1b1-1	# REF. 690586-03	A/C-CARRIER LOW PROFILE BLOWER	1 EA
M & 1 (BREAKER)	# 510564-05	BREAKER BRYANT 30-20	1 EA
M & 1 (BREAKER)	# 510564-02	BREAKER BRYANT 30 AMP	-1 EA
1b1-2	# 512025-02	WALLPLATE, SNAP-ON WHITE	-1 EA
1b1-2	# 512025-01	JUNCTION DEVICE, SELF-CONT, WHITE	-1 EA

OPTION: COFFEE MAKER PARTLIST

3b2-2	# 690598	COFFEE MAKER, W/ CARAFE	1 EA
3b2-1	# 512365	RECEPTACLE DUPLEX WHT SELF CON	1 EA
3b2-1	# 512025-01	JUNCTION DEVICE, SELF-CONT, WHITE	-1 EA

OPTION: SATELITE

4a3-2	# ??	SATELITE ??	1 EA
4a3-1	# 512365	RECEPTACLE DUPLEX WHT SELF CON	1 EA
4a3-1	# 512025-01	JUNCTION DEVICE, SELF-CONT, WHITE	-1 EA

DNAN NOTES:

*10: On the LP generator press and hold start button until engine starts. **Caution:** do not crank for more than 10 seconds at a time and wait at least 30 seconds before trying again.

*20: The green light on the LP generator start switch will be light when the generator is running and will flash a diagnostic pattern when the generator is off and there is a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
LOW OIL PRESSURE	1
SERVICE REQUIRED	2
OVER CRANK	3

POWER TECH. NOTES:

*1P: On the Diesel generator press and hold start switch for one second to initiate start sequence.

*2P: On the Diesel generator start switch's green light will be light when the generator is running and will flash a diagnostic pattern when the generator is off and there is a fault condition.

FAULT CODES:	GRN LIGHT FLASHES
FAILURE TO START	1
ENGINE HIGH WATER TEMP.	2
LOW OIL PRESSURE	3
NO AC SIGNAL	4
LOW COOLANT LEVEL	5

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ITEM	PART NUMBER	DESCRIPTION	QTY	UM
TOLERANCES ±	Airstream			DRAWN BY
NEXT ASSY	FIRST USAGE: INTERSTATE NCV3 (TWIN)			MT
TITLE	30A 110V LAYOUT USA			APPROVED BY
SCALE	DATE	DRAWING NUMBER	D	REV.
N.T.S.	10.21.08	952968S2		c

Audio / Video Electrical Schematics

STANDARD AUDIO PART LIST (BOTH MODELS)

④	TV2-2	■ 511534	DUAL COAX PLATE WHITE TT	1 EA
④	TV2-1	■ 382083	HATCH, FLAT BACK, MULTI w/VERMIT	1 EA
④	TV2-1	■ 510623	CONNECTOR COAX, MALE TO MALE	1 EA
④	TV2-1	■ 510623-01	CONNECTOR COAX, NUT	1 EA
	Tva2	■ 510616	(2) F CONNECTOR, COAX, 75 OHM	1 EA
	TV1-1	■ 511735-01	ANTENNA-OMNI DIR. BLK#RS-3460B	1 EA
	TV1-1a	■ 511635	PLATE, DUAL CABLE ENTRY	1 EA
	Tva1-1	■ 510621-02	SPLITTER-COAX, 2 OUTPUTS	1 EA
④	Tva1b-1	■ 512343	EXTERIOR CABLE TV/12V	1 EA
④	Tva1b-1	■ 512342	COVER, EXTERIOR, 120V RATED, SS	1 EA
④	SPI-1, SP2-1	■ 512367	SPEAKER-5 1/4" BLACK	2 EA
	SPI-1(2), SP2-1(2)	■ 512309	RADIO PINS	4 EA
	BA-1	■ BODGE	BODGE PROVIDED RADIO	1 EA

SEE BELOW FOR ADDITIONAL MODEL DEPENDENT PARTS



④ ADDITIONAL PART LIST (LOUNGE MODEL)

Tva1a1	■ 510623	CONNECTOR COAX, MALE TO MALE	1 EA
Tva1a1	■ 510623-01	CONNECTOR COAX, NUT	1 EA
CDAX FROM GEN. ASSEMBLY BELOW	■ BELOW TOTALS	RG6 COAX CABLE (TOTAL)	92 IN
"F" CONN FROM GEN. ASS. BELOW	■ BELOW TOTALS	"F" CONNECTOR FOR RG6 COAX	8 EA
HDMI1	■ 512366-25	CABLE, HDMI MALE TO MALE 25FT	1 EA

CDAX GENERAL ASSEMBLY LENGTH INFORMATION. (SEE ABOVE FOR ORDER TOTALS)

Tva1a	■ GEN. ASSEMBLY	RG6 COAX /w 2 "F" CONN. ENDS	24 IN
Tva1a2	■ GEN. ASSEMBLY	RG6 BLACK COAX/w 2 "F" CONN. ENDS	50 IN
Tva2	■ GEN. ASSEMBLY	RG6 COAX /w 2 "F" CONN. ENDS	6 IN
Tva2	■ GEN. ASSEMBLY	RG6 COAX /w 2 "F" CONN. ENDS	12 IN

④ ADDITIONAL PART LIST (TWIN BED MODEL)

Tva1a1	■ 511827	WALL PLATE, SGL "F" CONN, WHT	1 EA
CDAX FROM GEN. ASSEMBLY BELOW	■ BELOW TOTALS	RG6 COAX CABLE (TOTAL)	88 IN
"F" CONN FROM GEN. ASS. BELOW	■ BELOW TOTALS	"F" CONNECTOR FOR RG6 COAX	8 EA
HDMI1	■ 512366-20	CABLE, HDMI MALE TO MALE 20FT	1 EA

CDAX GENERAL ASSEMBLY LENGTH INFORMATION. (SEE ABOVE FOR ORDER TOTALS)

Tva1a	■ GEN. ASSEMBLY	RG6 COAX /w 2 "F" CONN. ENDS	6 IN
Tva1a2	■ GEN. ASSEMBLY	RG6 BLACK COAX/w 2 "F" CONN. ENDS	64 IN
Tva2	■ GEN. ASSEMBLY	RG6 COAX /w 2 "F" CONN. ENDS	6 IN
Tva2	■ GEN. ASSEMBLY	RG6 COAX /w 2 "F" CONN. ENDS	12 IN

*NOTES:

- *1: SEE 12V TRAILER SCHEMATIC FOR YOUR TRAILER MODEL FOR COMPONENT LOCATIONS.
 *2: RUN RG-6 COAX FOR CABLE TV2 FOR ALL OTHER TV COAX CABLE RUN RG-59.
 *3: THE DRAWING IS DETAILED WITH ALL AVAILABLE OPTIONS. SOME CONNECTIONS MAY NOT BE CONNECTED DEPENDING ON AUDIO/VIDEO OPTIONS ORDERED.
 *4: THE RADIO HAS A FRONT PANEL LINE IN 3.5mm STEREO JACK. ALL AUDIO OPTIONS CONNECT THROUGH THIS CONNECTION.
 *5: 12V RECEPTACLE LOCATED BESIDE RADIO PROVIDES OPTIONAL AUDIO EQUIPMENT POWER.
 *6: PART LOCATIONS VARY ACCORDING TO MODEL. SEE MODELS 12V SCHEMATIC FOR LOCATIONS.

- *7: THIS DRAWING IS A STANDARDIZED AUDIO/VIDEO/PHONE DRAWING FOR MULTIPLE TRAILER MODELS. SOME PARTS DO NOT APPEAR IN THIS BOM BUT APPEAR IN THE 12V DC SCHEMATIC BOM FOR THAT MODEL. THIS IS DO TO VARIATIONS PER MODEL.

LET	DATE	P.C.R.	REVISION RECORD	BY
-	1/08	M00071	Production Release	MT
A	6/08	M00083	PROD. UPDATES 2009	MT
B	10/08	M00088	UPDATES FOR TWIN BED MODEL	MT

OTHER OPTIONS:

OPTION: IN-MOTION SATELLITE

SRI	■	■	■	1 EA
SAT1	■	■	■	1 EA
SAT1a-1a	■	511635	PLATE, DUAL CABLE ENTRY	1 EA

OPTION: REAR LCD TV

FOR LOUNGE MODEL:

#E01-1	■	REF. #512320	SEE VAN TV CHART DWG# 512320	1 EA
E01-1	■	512293	MOUNT, TV, DBL ARM, 75/100mm VESA	1 EA

FOR TWIN BED MODEL:

#E01-1	■	REF. #512320	SEE VAN TV CHART DWG# 512320	1 EA
E01-1	■	REF. 512293	MOUNT, TV, DBL ARM, 75/100mm VESA	1 EA

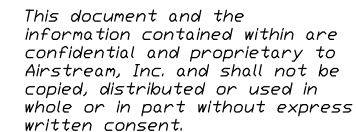
④ OBSOLETE OPTIONS:

OPTION: FRONT FLIP DOWN LCD TV (EARLY 2008 UNITS ONLY)

4-2	■	REF. #512321	SEE FLIP DOWN TV CHART #512321	1 EA
4-2	■	512303	HEADSET, IR STEREOPAIR	1 EA
RCAL, RCA2	■	512291	WALL PLATE, STEREO A/V PREP, 3 RCA	2 EA

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ITEM	PART NUMBER	DESCRIPTION	QTY	UOM
TOLERANCES ±	Airstream			DRAWN BY MT
NEXT ASSY	FIRST USAGE: INTERSTATE NCV3			APPROVED BY
TITLE	A/V SCHEMATIC VAN			
SCALE	N.T.S.	DATE	1/09/08	DRAWING NUMBER 952924S1
				REV. B



SHEET 2 OF 2

ITEM	PART NUMBER	DESCRIPTION	QTY	U
TOLERANCES ±	Airstream		DRAWN BY MI	
NEXT ASSY			APPROVED BY	
	FIRST USAGE:	INTERSTATE NCV3		
TITLE A/V SCHEMATIC VAN				
SCALE	DATE	DRAWING NUMBER	D	REV
	1/09/08	95292482		R

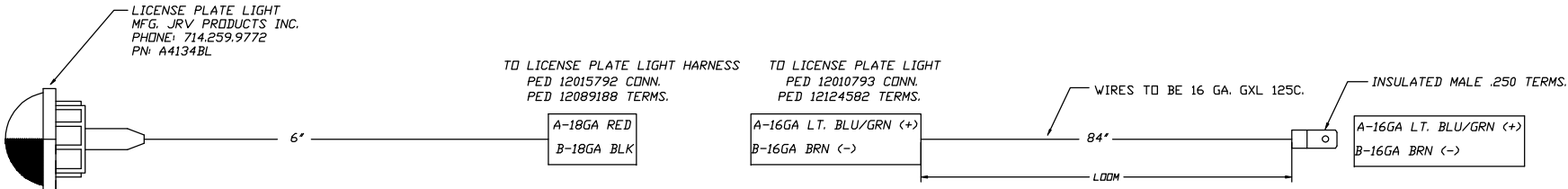
Wiring Harness Electrical Schematics

512190

LET	DATE	P.C.R.	REVISION RECORD	BY
-	6/06	E-00041	Production Release	RA

WEIGHT: TBD

FIRST USAGE: MID-BATH PARKWAY & MID BATH INTERSTATE MOTORHOMES WITH OPTIONAL REAR DINETTE - ONE PER.



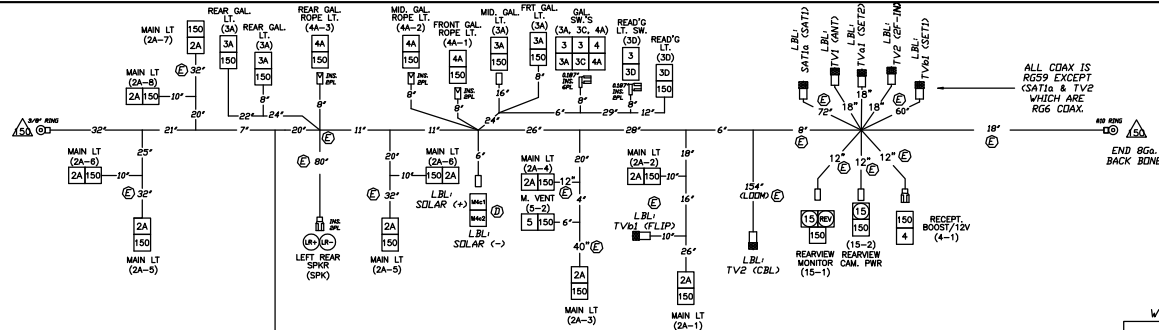
RECOMMENDED VENDOR OR EQUAL:

QUALITRONICS, INC.
TELE.: 765.966.2039
CONTACT: DENNIS EATON

ITEM	PART NUMBER	DESCRIPTION	QTY	UM
TOLERANCES ± -	Airstream		DRAWN BY RUSS A	
NEXT ASS'Y -			APPROVED BY	
		FIRST USAGE: Interstate & Parkway Mh's.		
TITLE Harness, License Plate Light				
SCALE NTS	DATE 06/01/06	DRAWING NUMBER 512190	B	REV. -

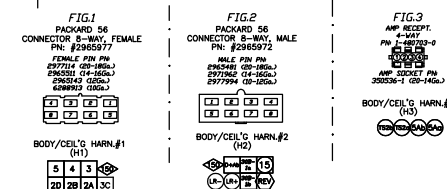
512294-05

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LET	DATE	P.C.R.	REVISION RECORD	BY
-	10/07	M-00071	PRODUCTION RELEASE	MI
A	1/08	M-00071	IST. PROD. REL. UPDATES	MI
B	3/08	M-00071	ADD. PROD. REL. UPDATES	MI
C	6/08	M-00083	MODEL YR 2009 & PCR M-00083	MI
D	9/09	M-00133	RELOCATE SOLAR & SAT. WIRING	MI
E	11/09	M-00168	Revised & Redrawn	RA

WIRE ENTRY VIEW (ALL CONNECTORS) NC = NO CONNECT



OBSOLETE

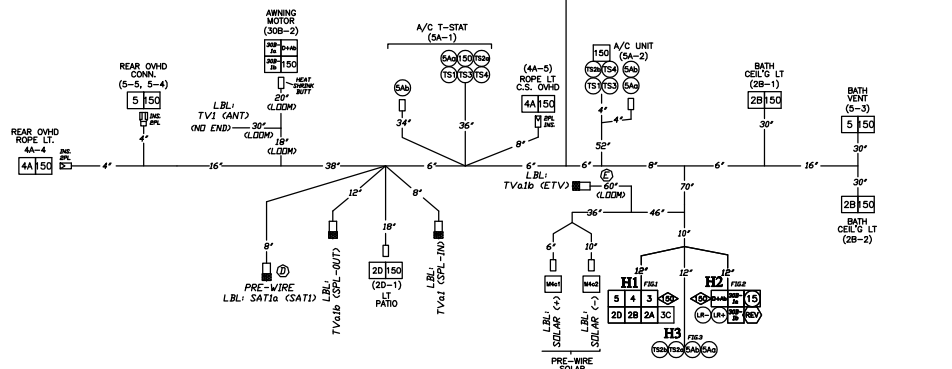
ECA No.: M-00169

Name: MI

Date: 11/16/09

Replaced By: 512294-06

Disposition: USE UP



HARNES CONNECTION CHART

SYM.	DRAWING# (*1)	
A/S # from / to	DESCRIPTION	
H0	512305 / 512295	License Plate / Inter. Body Ham.
H1	512295 / 512296	Inter. Body / Ceil'g Ham. #1
H2	512295 / 512296	Inter. Body / Ceil'g Ham. #2
H3	512295 / 512296	Inter. Body / Ceil'g Ham. #3

Weights ?? Lbs.

Terminals
180 Male
180 Female
250 Male
250 Female
300 Male
300 Female
300 Male
300 Female
300 Male
300 Female
300 Male
300 Female

Use above terminal sizes unless noted otherwise. INS. = INSULATED

*1) THE HARNES CHART ONLY SHOWS THE BASE DRAWING NUMBER WITHOUT REVISION.

No.	Co.	COLOR	FUNCTION	No.	Co.	COLOR	FUNCTION
BAT10	18	RED/wht	CHASSIS BAT. SPENSER	T33	18	GRN	FAN HI SPEED CTL
GN1	18	RED	GEN. START (+12VDC)	10	18	GRN/wht	FAN LOW SPEED CTL
GRY	18	GRY	GEN. HOUR METER	M14-18	18	GRN	FAN SPEED CONTROL
GN1	18	WHI/red	GEN. STOP/STOP/START	18	18	GRN	FMS DISPLAY LIGHT
GN18	18	ORG	GEN. NC (FUALT)	M1-18	18	RED	FMS DISPLAY POWER
REV	16	WHI/brn	REVERSE SIGNAL	20-18	18	YEL	A/S CR42 = +12V MAX
RUN	16	WHI/brn	RUNNING LIGHTS	24	12	YEL/blu	BATH CLG L/GS
30	12	WHI/yel	BAT. DIR. X145/1-2	25	12	YEL/red	COURTESY LGS
30	12	WHI/red	ENG. RUN X145/1-1	30	12	YEL/brn	WTR HTR LAMP
0+30a	14	WHI/brn	STEP BUZZER	3	12	PNK	A/S CR43 = 12V MAX
0+30b	12	WHI/blu	AWNING BUZZER	3	12	PNK/bk	GALLEY LGS
30a	12	WHI/brn	STEP MOTOR (a)	39b	18	WHI/brn	WTR HTR LAMP
30a2	12	WHI/brn	STEP SWITCHES (c)	39c	12	PNK/blu	WTR HTR LAMP
30a3	12	WHI/brn	STEP SWITCHES (d)	39d	12	PNK/wht	WTR HTR ELEC. SWITCH
30A3	12	WHI/brn	SUD'G DOOR CLSD PB	39e	12	PNK/wht	GALLEY READING LIT
30A4	12	WHI/brn	STEP RET. DISABLE SW	30	12	PNK	A/S CR44 = 12V MAX
30a-18	12	WHI/blu	AWNING EXT. ENABLE	12	12	BRN/bk	BATH CLG L/GS
30a-18	12	WHI/red	AWNING MOTOR (d)	5	12	BLU	A/S CR45 = 12V MAX
44	12	WHI/brn	HEATER PAD POWER	5a	18	BLU/blu	TSTAT (+)
M401	12	BLK/brn	HEATER PAD PWR SW	6	16	RED	A/S CR46 = 12V MAX
M45	10	ORG/wht	LOUNGE POWER	6A	16	RED/blu	L.P.G. VALVE CONTROL
M45b	10	ORG/wht	LOUNGE MOTOR (a)	6B	18	RED/wht	GRAY TANK SENSORS
M45b	10	ORG/wht	LOUNGE MOTOR (b)	6Bb	18	RED/brn	FRESH TANK SENSORS
M4C1	12	YEL/blu	SOLAR PRE-WIRE (+)	6Bc	18	RED/brn	GRAY TANK SENSORS
M4C1	12	GRN/whi	SOLAR PRE-WIRE (-)	6Bd	18	RED/yel	GRAY TANK SENSORS
18	18	GRN	LEFT REAR SPEAKER(+)	6	14	GRY	A/S CR47 = 12V MAX
18	18	GRN/blu	RIGHT REAR SPEAKER(+)	6	14	GRY	A/S CR48 = 12V MAX
18	18	PUR/blu	RIGHT REAR SPEAKER(-)	6	14	GRY	A/S CR49 = 12V MAX
18	18	PUR/blu	RIGHT REAR SPEAKER(-)	9A	12	TAN/blu	MACROTOR WASTE PLG
RR	14	GRY/blu	SEPARATOR ENABLE	10	12	ORG	A/S CR410 = 12V MAX
TS1	18	WHI	FURNACE HEAT CTL	12	12	ORG/blu	GRAY HOSE REL
TS2	18	YEL	A/C COMP. CTL(a)	15	NOTES	WHI	SENDER GROUP
TS2b	18	YEL/bk	A/C COMP. CTL(b)	150a	18	WHITE	SENDER GROUP

No.	Co.	COLOR	FUNCTION
18	GRN	GRN	FAN HI SPEED CTL
18	GRN/whi	GRN	FAN LOW SPEED CTL
18	BRN	BRN	EMS DISPLAY GROUND
18	YEL	YEL	EMS DISPLAY DATA IN
18	RED	RED	EMS DISPLAY POWER
12	YEL	YEL	A/S CIR#2 = 12V MAIN
12	YEL/brn	YEL/brn	MAIN CEIL'g LITS
28	YEL/brn	YEL/brn	BATH CEIL'g LITS
28	YEL/red	YEL/red	COURTESY LITS
12	YEL/brn	YEL/brn	PATO LITS
12	PNK	PNK	A/S CIR#3 = 12V MAIN
12	PNK/blu	PNK/blu	GALLEY LITS
38b	PNK/brn	PNK/brn	WTR HTR GAS SWITCH
38b	PNK/blu	PNK/blu	WTR HTR LAMP
38b	PNK/whi	PNK/whi	WTR HTR ELEC. SWITCH
38b	PNK/brn	PNK/brn	WATER PUMP
30	PNK/whi	PNK/whi	GALLEY READING LT
12	BRN	BRN	A/S CIR#4 = 12V MAIN
12	BRN/blu	BRN/blu	ROPE LITS
5	12	BLU	A/S CIR#5 = 12V MAIN
5	12	BLU/blu	TSTAT (+)
5	12	BLU/whi	TSTAT (-)
6	12	RED	A/S CIR#6 = 12V MAIN
6	12	RED/blu	P.G. VALVE CONTROL
6	12	RED/brn	L.P.G. TANK GAGE
6	12	RED/blu	FRESH TANK SENSORS
6	12	RED/whi	GRAY TANK SENSORS
6	12	RED/whi	BLACK TANK SENSORS
8	14	GRY	A/S CIR#7 = 12V MAIN
8	14	GRY	A/S CIR#8 = 12V MAIN
8	14	GRY	A/S CIR#9 = 12V MAIN
9	12	TAN	A/S CIR#10 = 12V MAIN
9	12	TAN/blu	MACROATOR WASTE LT
10	12	ORG	WASTE HOSE = 12V M
10	12	ORG/blu	WASTE HOSE REEL
120	1500	WHITE	GROUND
1500	1500	WHITE	SENSOR GROUND

ITEM	PART NUMBER	DESCRIPTION	QTY	U/M
TOLERANCES ±				
NEXT ASSY				
TITLE				
SCALE				
DATE				
N.T.S.				

Airstream

HARNES, CEILING

FIRST USAGE INTERSTATE NCV3 - LOUNGE

DRAWN BY MI

APPROVED BY

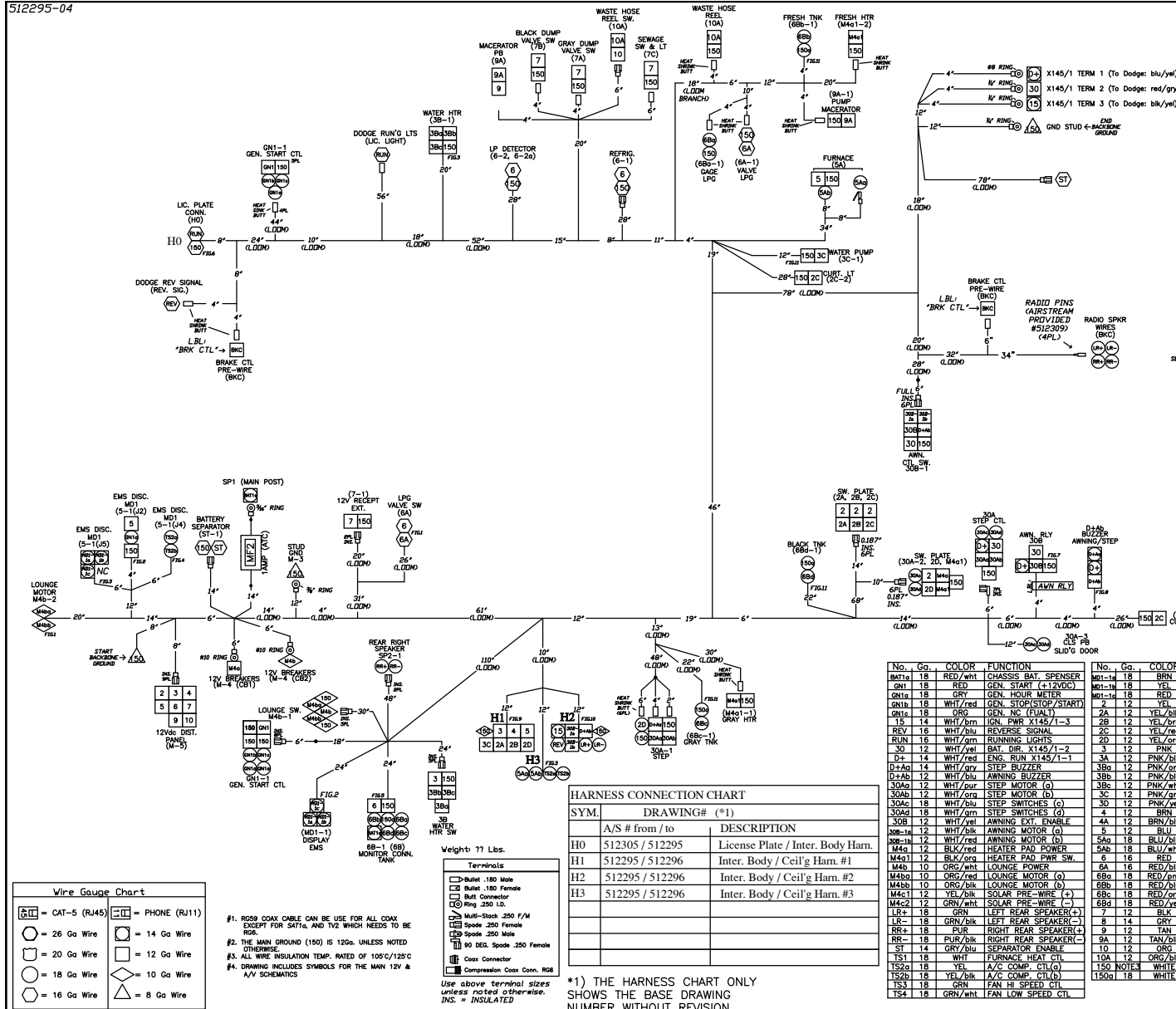
D

REV. E

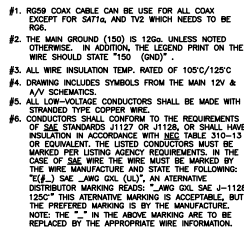
LET	DATE	P.C.R.	REVISION RECORD	BY
-	10/07	M-00071	PRODUCTION RELEASE	MI
A	1/08	M-00071	1ST. PROD. REL. UPDATES	MI
B	3/08	M-00071	ADD. PROD. REL. UPDATES.	MI
C	3/08	M-00071	ADD. PROD. REL. UPDATES.	MI
D	6/08	M-00083	MODEL YR 2009 & PCR M-00083	MI

OBSOLETE

ECA No.:	M-00118
Name:	RA
Date:	8/09
Replaced By:	512295-05
Disposition:	USE UP

[illegible]

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Wire Gauge Chart

 = CAT-5 (RJ45)	 = CABLE (RJ12)
 = 26 Ga Wire	 = 14 Ga Wire
 = 20 Ga Wire	 = 12 Ga Wire
 = 18 Ga Wire	 = 10 Ga Wire
 = 16 Ga Wire	 = 8 Ga Wire

Weight: ?? Lbs.

Terminals	
	Bullet .180 Male
	Bullet .180 Female
	Butt Connector
	Ring .250 I.D.
	Fork Term. #6 stud.
	Multi-Stack .250 F/M
	Spade .250 Female
	Spade .250 Male
	90 DEG. Spade .250 Female
	Coax Connector
	Compression Coax Conn. RG6

Use above terminal sizes unless noted otherwise.
INS. = INSULATED

Use above terminal sizes
unless noted otherwise.
INS. = INSULATED

No.	gnd	COLOR	FUNCTION
1	18	PUR	A/S CRW1, +12V MAIN
1-10	CHRL		6 CON. CABLE
2	12	YEL	MAIN CEN. LITS
2B	12	YEL/gnd	BATH CEN. LITS
3	12	YEL	WTR HTR
20	12	YEL/gnd	PATIO LITS
3	12	PNK	A/S CRW3 +12V MAIN
3B	12	BLU	WTR HTR
3Bd	12	PNK/BLU	WTR HTR GAS SWITCH
3Bd	12	PNK/BLU	WTR HTR LAMP
3Bd	18	BLU	WTR HTR ELEC. SW
3C	12	PNK	WATER PUMP
4	12	BLU	A/S CRW4 +12V MAIN
4A	12	BRN/BLU	ROPE LITS
5	12	BLU	A/S CRW5 +12V MAIN
5a	18	BLU	TSAT
5a	18	BLU	TSAT (C)
6	16	RED	A/S CRW6 +12V MAIN
6A	16	RED/BLU	L.G. VALVE CONTROL
6B	18	RED/BLU	FRESH TANK SENSORS
6Bd	18	RED/BLU	GRAY TANK SENSORS
7	12	BLU	A/S CRW7 +12V MAIN
7	12	GRY	A/S CRW8 +12V MAIN
9	12	TAN	A/S CRW9 +12V MAIN
10	12	TAN/BLU	MACERATOR WASTE PUMP
10	12	GRY	A/S CRW10 +12V MAIN
11	12	GRY	WTR ROSE REFL.
150	TEXTX	WHITE	GROUND
150d	18	WHITE	SENSOR GROUND

OBSOLETE	
ECA No.:	E-00364
Name:	RA
Date:	1/31/2011
Replaced By:	512358-03
Disposition:	USE UP

WIRE ENTRY VIEW (ALL CONNECTORS) NC = NO CONNECT

FIG.1
PACKARD 56
CONNECTOR 8-WAY, FEMALE
PIN: #2965977

FEMALE PIN PIN
2977114 (20-180a.)
2965511 (14-160a.)
2965143 (125a.)
6296993 (105a.)

3	2	2	1
8	7	6	5

BODY/CEIL'G HARN.#1
(H1)

5	4	3	2
2D	2B	2A	3C

FIG.2
PACKARD 56
CONNECTOR 8-WAY, MALE
PN: #2965972

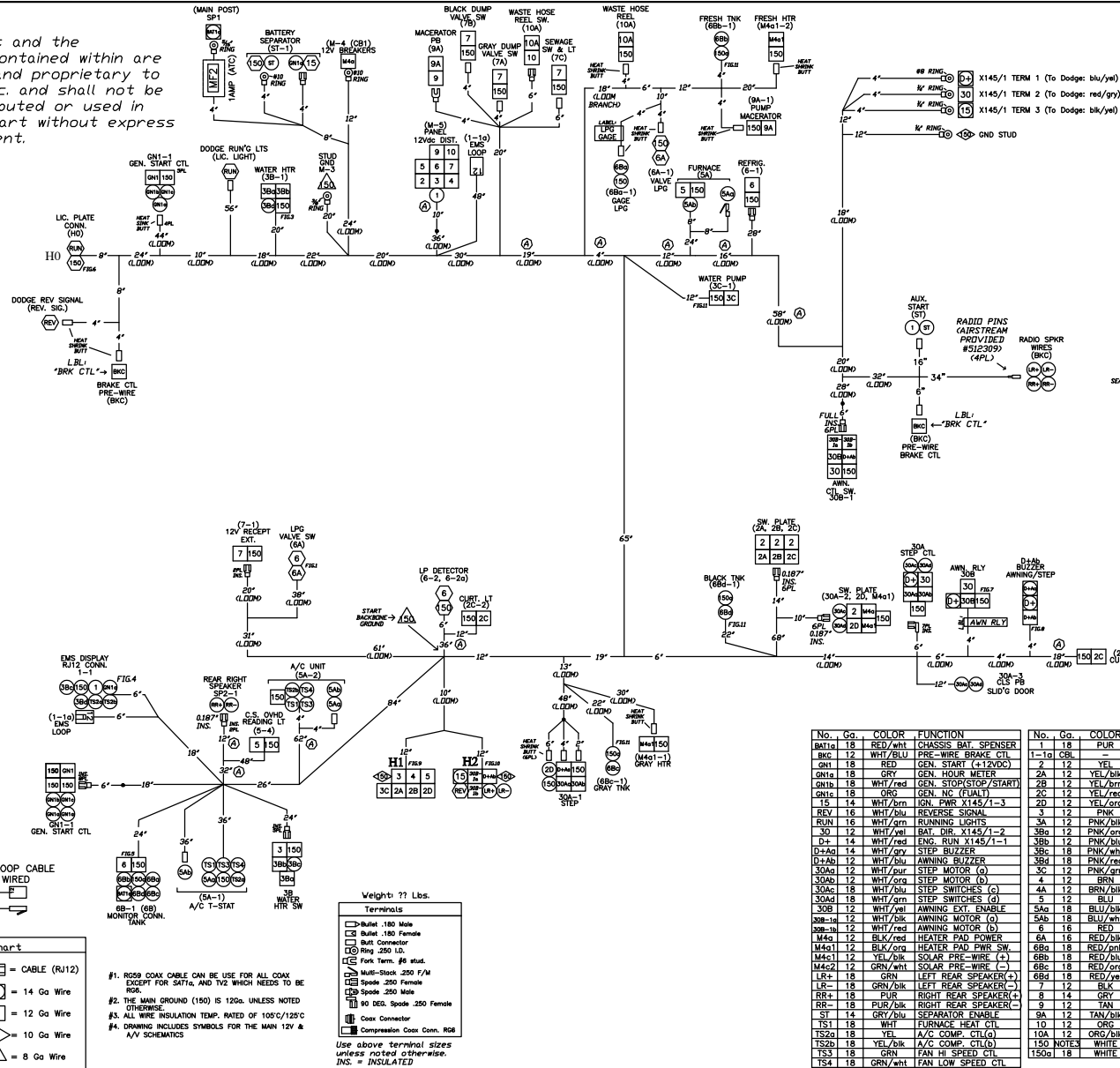
MALE PIN PIN
 2965481 (20-18G.)
 2971962 (14-16G.)
 2977994 (10-12G.)

BODY/CEIL'G HARN.#2
(H2)

ITEM	PART NUMBER	DESCRIPTION	QTY	DRWN BY
TOLERANCES ±	Airstream			MI
NEXT ASSY				APPROVED BY
✓	FIRST USAGE: INTERSTATE NCV3 (TWIN)			
TITLE HARNESS, CEILING				
SCALE	DATE	DRAWING NUMBER		REV
	09.26.08	512358-02		D

512359-01

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LET	DATE	P.C.R.	REVISION RECORD	BY
-	10/08	M00088	PRODUCTION RELEASE	MT
A	11/08	M00088	#1 PROD RELEASE UPDATE	MT

OBSOLETE

ECA No.: M00118
Name: RA
Date: 888
Replaced By: 31289-02
Disposition: USE UP

