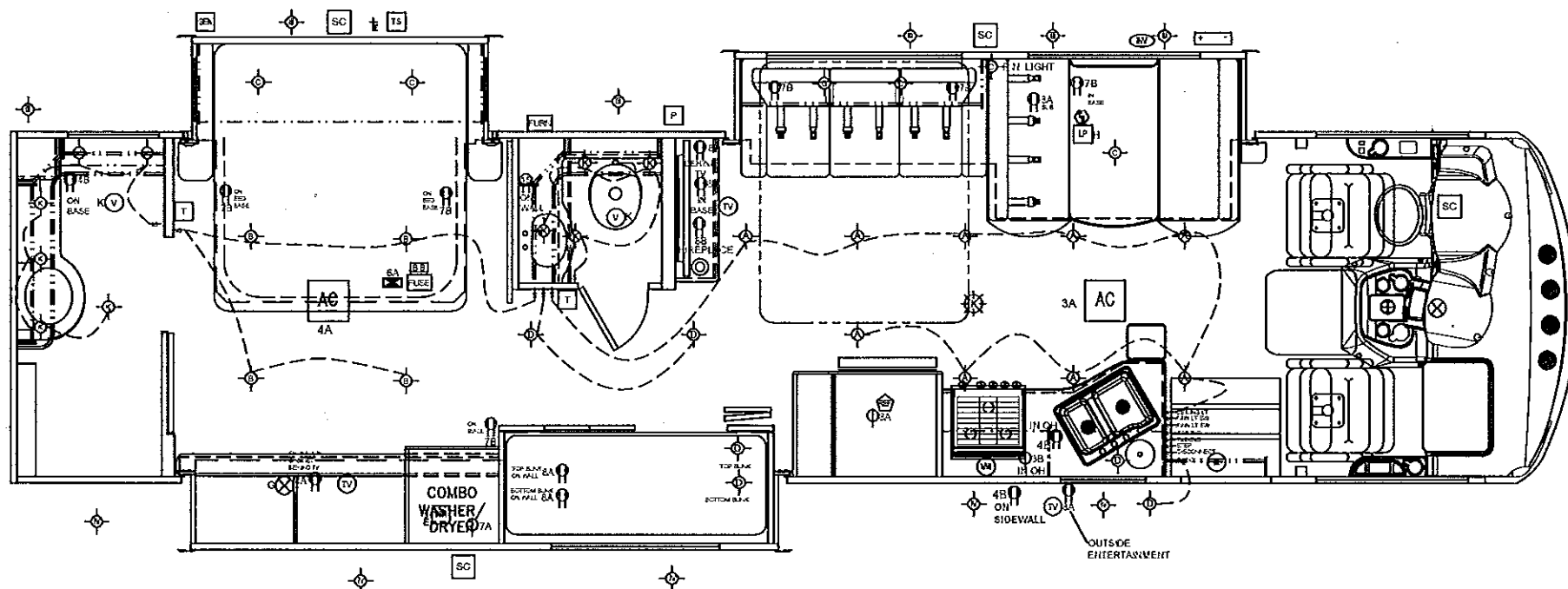




- Conventional Fuse Block
- 12V Fuse Block
- 12V Inverter
- 12V Inverter/Charger
- 12V Storage Battery
- Breaker Box
- Air Cond. 120V
- 15A GFCI Outlet
- GFCI Protected
- 120V Duplex Outlet
- 120V Single Outlet
- Carbon Monoxide Detector
- Propane Detector
- Electrical Inlet
- Central Vac
- Switch
- Antenna Boost
- Monitor Panel
- 12V Light
- Furnace
- Thermostat
- TV Jack
- 12V Vent
- Range Vent
- Refrigerator
- 115/120V Electric Heating
- Generator
- Water Pump
- 12V Power Fan
- 12V Cooling Fan
- Water Heater
- Microwave
- Raiso
- Transfer Switch
- Slide Controller

120 VOLT CIRCUITS

CIRCUIT	GA.	VOLTS	AMPS	POWER TO
1 (A,B)	6	120VAC	50 AMP	MAIN POLE 1
2 (A,B)	6	120VAC	50 AMP	MAIN POLE 2
3	A 12	120VAC	20 AMP	FRONT AC
	B 14	120VAC	15 AMP	MICROWAVE
4	A 12	120VAC	20 AMP	REAR A/C
	B 14	120VAC	15 AMP	GFCI RECEPTS
5 (A,B)	14	120VAC	15 AMP	WATER HEATER
6 (A,B)	14	120VAC	15 AMP	CONVERTER
7	A 14	120VAC	15 AMP	WASHER/DRYER
	B 14	120VAC	15 AMP	GENERAL RECEPTS
8	A 14	120VAC	15 AMP	TV RECEPTS/ REFER. (ON INVERTER)
	B 14	120VAC	15 AMP	FIREPLACE

- NOTES**
1. 12 VOLT WIRE GA. BELOW FLOOR, GA. OR TV ABOVE FLOOR.
 2. 1/8" VIBRO COPPER TYPE W/ SHEATH.
 3. AIR CONDITIONER BREAKER IS "HACK" TYPE.
 4. POWER CODE IS A/C TYPE 4TV WITH MODERN BY EXPOSED.
 5. GROUND RECEPTS USED 1 SYSTEM W/ WIRE TO CHASSIS.
 6. DISTRIBUTION PANEL/BOX IS CLASS CUL ENCLOSED TYPE 1 IN 1/2" 120 VOLT.
 7. 60 AMP POWER CONVERTER.
 8. NEUTRAL CONDUCTOR AND GROUND ARE ISOLATED IN PANEL/BOX.

12 VOLT AT CONVERTER

NO	GA.	COLOR	ATC FUSE	POWER TO
A	14	BLACK	15 AMP	FRONT CEILING LTS
B	14	BLUE	15 AMP	BEDROOM
C	14	GRAY	15 AMP	LEFT SIDE
D	14	PINK	15 AMP	RIGHT SIDE
E	14	VIOLET	15 AMP	APPLIANCES
F	-	-	-	-
G	14	GRY/BLK	15 AMP	BEDROOM RADIO
H	18	ORANGE	5 AMP	LP DET
J	14/12	RED	15 AMP	MONITOR PNL/VTR PUMP
K	14	YELLOW	15 AMP	VANITY LIGHTING
L	-	-	-	-
M	12	GREEN	15 AMP	AWNING
N	14	GREEN	15 AMP	CARGO LIGHTS
P	14	GRY/BLK	15 AMP	CARGO LIGHTS
R	-	-	-	-
S	10	RED	30 AMP	SLIDE MOTOR POWER
T	-	-	-	-

12 VOLT BREAKER

NO	GA.	COLOR	AMPS	POWER TO	TYPE
AA	6	RED	60	CONVERTER	III
BB	14	BLUE	10	DRYER SEAT	I
CC	4	RED	100	HYDRAULIC JACKS	III
DD	20	RED	250	INVERTER	T-FUSE

APPLIANCE / GENERATOR SPECS

APPLIANCE	VOLTS	AMPS
CONVECTION/MICROWAVE	120	12.5
AIR CONDITIONER	120	10.2
REFRIGERATOR	120	2.7
CONVERTER	120	7.5
5.6 GUN	120	45.8

12 VOLT FUSE AT BATTERY

NO	GA.	COLOR	ATC FUSE	POWER TO
DD	14	YELLOW	15 AMP	DASH RADIO

REV	DESCRIPTION	DATE	BY	ECN
-	INITIAL RELEASE	-	-	10401
1	AFTER PROTO REVISIONS	05/21/14	BWD	10725
2	CHANGE FOR NEW BUSSMANN BOX	06/02/14	BWD	10754
3	MOVE BB AND FUSE PANEL FORWARD IN BED BASE, REMOVE ONE SOFFIT LIGHT	06/11/14	MCH	10801

ALL CONNECTORS SHOWN ARE LOAD VIEW UNLESS OTHERWISE NOTED.
ALL WIRE MUST BE 125°C UNLESS OTHERWISE NOTED.
LOOM AS NOTED BY
LOOM SHOULD HAVE RATING OF 125°C MINIMUM.
TOLERANCES:
± 1" ± .36"
± 2" ± .36"
REFERENCE: TEE0937.XLS FOR CUTLIST

SPECIAL NOTES:

THOR MOTOR COACH

DRAWN BY: BWD SHEET 1 OF 1 DATE: 03/14/14

DESCRIPTION:

110/12V LAYOUT

MODEL:

37TB

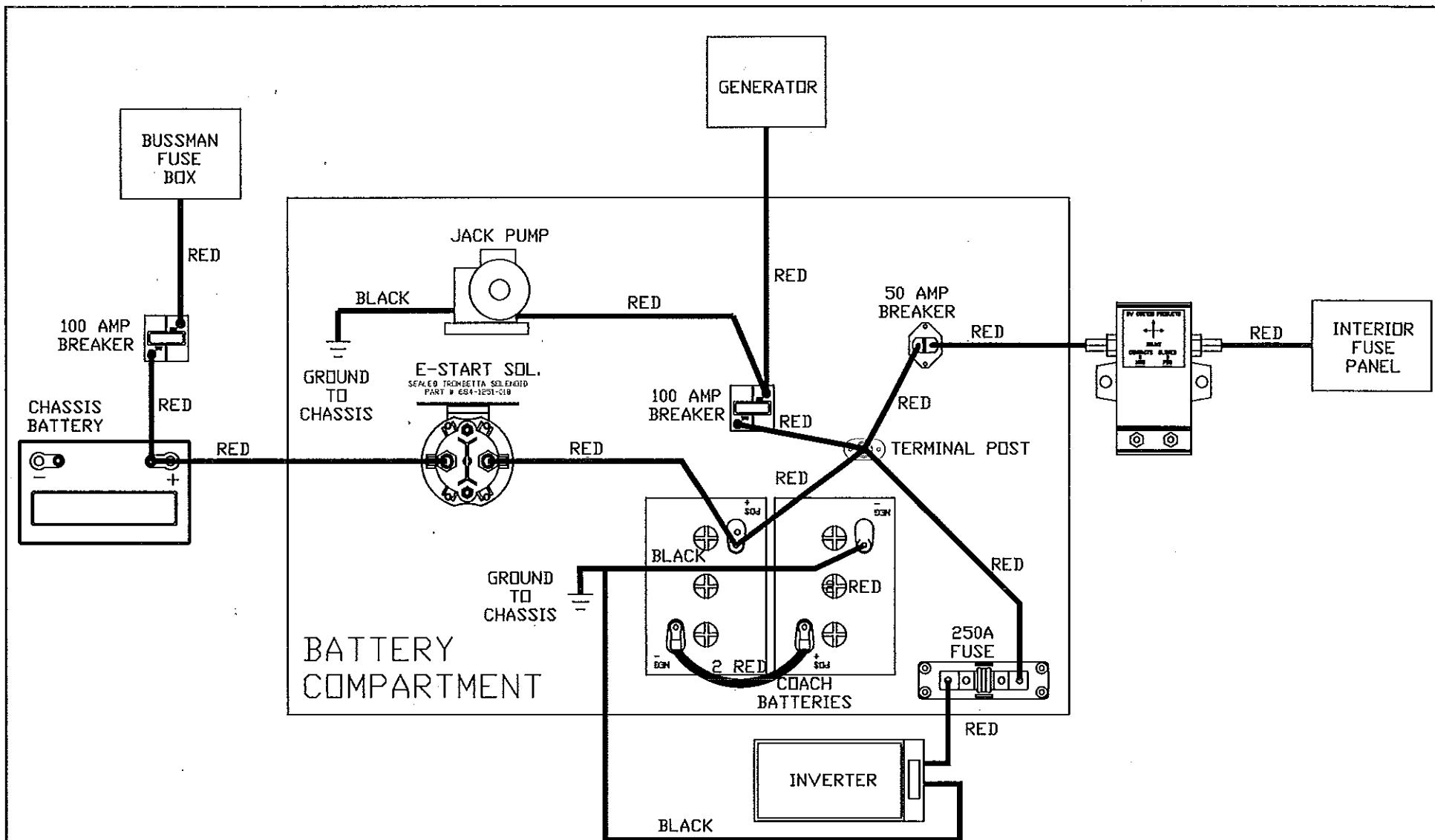
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DRAWING NUMBER:

TEE0937

REVISION:

3



REV	DESCRIPTION	DATE	BY	ECN	ALL CONNECTORS SHOWN ARE LOAD VIEW UNLESS OTHERWISE NOTED.	THOR MOTOR COACH
—	INITIAL RELEASE	—	—	10707	ALL WIRE MUST BE 125°C UNLESS OTHERWISE NOTED.	DRAWN BY: BWD
1	REVISE COMPARTMENT LAYOUT	06/02/14	BWD	10707	LOOK AS NOTED BY —	SHEET 1 OF 1
2	ADDED CHALLENGER USAGE	06/30/14	NWG	10830	LOOK SHOULD HAVE RATING OF 125°C MINIMUM.	DATE: 05/08/14
					TOLERANCES:	DESCRIPTION: BATTERY COMPARTMENT LAYOUT
					± 1" ≤ 36"	MODEL: MIRAMAR, CHALLENGER
					± 2" > 36"	© CONFIDENTIAL AND PROPRIETARY INFORMATION OF THOR MOTOR COACH. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT OUR EXPRESS WRITTEN CONSENT IS PROHIBITED.
					REFERENCE TEE1005.XLS FOR CUTLIST	DRAWING NUMBER: TEE1005
					SPECIAL NOTES:	REVISION: 2