



- USB Charge Port
- TS** Transfer Switch
- SC** Slideout Controller
- Converter/12V Fuse Block
- FUSE** 12V Fuse Block
- 12 Volt Inverter
- 12 Volt Inverter/charger
- +** **-** 12V Storage Battery
- B.B.** Breaker Box
- AC** Air Cond. 120V
- 15A GFCI Outlet
- GFCI Protected
- GFCI Protected Single
- 120V Duplex Outlet
- 120V Single Outlet
- LPICD** Propane/CO Detector
- Electrical Inlet
- Switch
- Antenna Boost
- Monitor Panel
- 12V light
- FURN** Furnace
- T** Thermostat
- TV** TV Jack
- 12v** 12V Outlet
- V** 12V Vent
- R** Range Vent
- REF** Refrigerator
- AWN** 110VAC Electric Awning
- GEN** Generator
- P** Water Pump
- 12V Power fan
- WH** Water Heater
- MW** Microwave
- Radio

NOTES

1. 12 VOLT WIRE: GXL BELOW FLOOR, GXL OR TEW ABOVE FLOOR
2. 110 WIRE: COPPER TYPE NM SHEATH
3. AIR CONDITIONER BREAKER IS 'HACR' TYPE
4. POWER CORD IS 10/3 TYPE STW WITH MINIMUM 25' EXPOSED.
5. GROUNDED RECEPITS USED & SYSTEM BONDED TO CHASSIS
6. DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1 30 AMP 120 VOLT
7. 55 AMP POWER CONVERTER
8. NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD

12 VOLT AT CONVERTER				
NO	GA.	COLOR	ATC FUSE	POWER TO
1	12/14	BLACK	15 AMP	WATER PUMP
2	14	GRAY	15 AMP	LEFT SIDE
3	14	VIOLET	15 AMP	RIGHT SIDE
4	14	YELLOW	15 AMP	CARGO LIGHTS
5	14	ORANGE	15 AMP	APPLIANCES
6	14	GRY/BLK	15 AMP	AUDIO/VIDEO
7	18	ORANGE	5 AMP	LP DET
8	12	PINK	20 AMP	TANK HEATERS
9	10	GREEN	20 AMP	MACERATOR
10	10	RED	30 AMP	SLIDE MTR PWR
11	14	GREEN	15 AMP	ELECTRIC AWNING

12 VOLT BREAKER					
NO	GA.	COLOR	AMPS	POWER TO	TYPE
AA	6	RED	50	CONVERTER	III
BB	14	BLUE	10	DRIVER SEAT	I
CC	4	RED	100	HYDRAULIC JACKS	III

12 VOLT FUSE AT BATTERY				
NO	GA.	COLOR	AMPS	POWER TO
DD	14	YELLOW	15	RADIO MEMORY

APPLIANCE/GENERATOR SPECS		
APPLIANCE	VOLTS	AMPS
MICROWAVE (USA & CSA)	120	12
AIR CONDITIONER	115	15.5
REFRIGERATOR	120	2.5
CONVERTER	120	7.5
4.0 ONAN	120	33.3

120 VOLT CIRCUITS				
CIRCUIT	GA.	VOLTS	AMPS	POWER TO
1A	10	120VAC	30 AMP	MAIN
1B	12	115VAC	20 AMP	AIR CONDITIONER
2A	14	120VAC	15 AMP	MICROWAVE
2B	14	120VAC	15 AMP	GFCI RECEPITS
3A	14	120VAC	15 AMP	GENERAL RECEPITS
3B	14	120VAC	15 AMP	CONVERTER
4 (A,B)	14	120VAC	15 AMP	WATER HEATER

REV	DESCRIPTION	DATE	BY	ECN
0	INITIAL RELEASE	12/29/14	DRC	11001
1	ADDED 3 AND 4" LIGHTS	02/02/15	DRC	11327
2	MOVED MICROWAVE RECEPT ABOVE REFER	03/03/15	DRC	-

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 TEE1320.XLS FOR CUTLIST

SPECIAL NOTES:

THOR MOTOR COACH			
DRAWN BY	SHEET	OF	DATE
DRC	1	1	12/29/14
DESCRIPTION			
LAYOUT, 110/12V 2016			
MODEL			
ACE 30.1			
© CONFIDENTIAL AND PROPRIETARY INFORMATION OF THOR MOTOR COACH. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED.			DRAWING NUMBER
			TEE1320
			REVISION
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