



- TS Transfer Switch
- SC Slideout Controller
- AC Air Cond. 120V
- FUSE 12V Fuse Block
- IW 12 Volt Inverter
- IC 12 Volt Inverter/charger
- + - 12V Storage Battery
- BB Breaker Box
- 15 15A GFCI Outlet
- GFCI GFCI Protected
- 120V 120V Duplex Outlet
- 120V 120V Single Outlet
- CD Carbon Monoxide Detector
- LP Propane Detector
- E Electrical Inlet
- VAC Central Vac
- S Switch
- A Antenna Boost
- M Monitor Panel
- # 12V light
- FURN Furnace
- T Thermostat
- TV TV Jack
- 12V 12V Outlet
- V 12V Vent
- R Range Vent
- REF Refrigerator
- X Radio
- GEN Generator
- P Water Pump
- 12V 12V Power fan
- # 12V Ceiling Fan
- WH Water Heater
- MW Microwave
- AWN Electric Awning

**NOTES**

1. 12 VOLT WIRE: GXL BELOW FLOOR, GXL DR TEW ABOVE FLOOR
  2. 110 WIRE: COPPER TYPE NM SHEATH
  3. AIR CONDITIONER BREAKER IS "HACR" TYPE
  4. POWER CORD IS 6/3 TYPE STW WITH MINIMUM 25' EXPOSED.
  5. GROUNDED RECEPTS USED & SYSTEM BONDED TO CHASSIS
  6. DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1 50 AMP 120/240 VOLT SINGLE PHASE
  7. 55 AMP POWER CONVERTER
  8. NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD
- 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	14	120VAC	15 AMP	CONVERTER
B	14	120VAC	15 AMP	WASHER
7 A	14	120VAC	15 AMP	DRYER
B	14	120VAC	15 AMP	FIREPLACE
8 A	14	120VAC	15 AMP	TV RECEPTS (ON INVERTER)
B	14	120VAC	15 AMP	GENERAL RECEPTS

**12 VOLT AT CONVERTER**

NO	GA.	COLOR	ATC FUSE	POWER TO
A	12	BLACK	15 AMP	FRONT CEILING LTS
B	14	BLUE	15 AMP	BEDROOM
C	14	GRAY	15 AMP	LEFT SIDE
D	14	PINK	15 A BRKR	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/ WTR PUMP
K	14	YELLOW	15 AMP	VANITY LIGHTING
L	18	TAN	5 AMP	SLIDE SWITCH
M	12	GREEN	15 AMP	AWNING
N	14	GREEN	15 AMP	CARGO LIGHTS
P	14	GRN/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	50	CONVERTER	III
CC	4	RED	100	HYDRAULIC JACKS	III
DD	2/0	RED	250	INVERTER	T-FUSE

**APPLIANCE / GENERATOR SPECS**

APPLIANCE	VOLTS	AMPS
CONVECTION MICROWAVE	120	12.5
AIR CONDITIONER	120	10.2
REFRIGERATOR	120	7.2
CONVERTER	120	7.5
5.5 ONAN	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 2016 (PREVIOUS PRINT TEE0650)	12/23/14	SR	11009

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 TEE1313.XLS FOR CUTLIST

**SPECIAL NOTES:**

<b>THOR MOTOR COACH</b>			
DRAWN BY	SHEET	OF	DATE
SR	1	1	12/23/14
<b>DESCRIPTION</b>			
110/12V LAYOUT			
<b>MODEL</b>			
37KT CHALLENGER			
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	TEE1313	0	