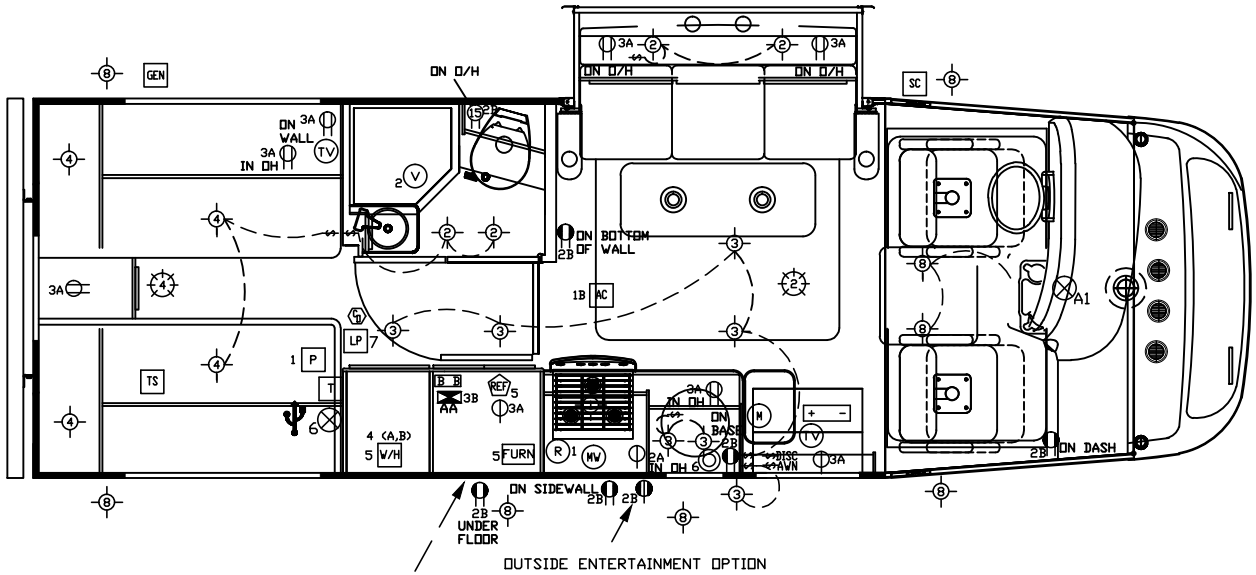

OUTSIDE ENTERTAINMENT OPTION

COMPARTMENT FORWARD OF AXLE CONTAINS OUTSIDE ENTERTAINMENT A/V CABLES, HDMI CABLE AND GFCI RECEPT.

- Usb Charge Port
- TS Transfer Switch
- SC Slideout Controller
- Converter/12V Fuse Block
- FUSE 12V Fuse Block
- INV 12 Volt Inverter
- I/C 12 Volt Inverter/charger
- + − 12V Storage Battery
- BB Breaker Box
- AC Air Cond. 120V
- 15 15A GFCI Outlet
- GFCI Protected
- GFCI Protected Single
- 120V Duplex Outlet
- 120V Single Outlet
- Carbon Monoxide Detector
- LP Propane Detector
- Electrical Inlet
- VAC Central Vac
- Switch
- Antenna Boost
- M Monitor Panel
- # 12V light
- FURN Furnace
- T Thermostat
- TV TV Jack
- TE Phone Jack
- 12v 12V Outlet
- V 12V Vent
- R Range Vent
- REF Refrigerator
- AWN 110VAC Elect Awn
- GEN Generator
- P Water Pump
- # 12V Power fan
- # 12V Ceiling Fan
- V/H Water Heater
- MW Microwave
- Radio

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	BLUE	15 AMP	REAR
5	14	ORANGE	15 AMP	APPLIANCE
6	14	GRY/BLK	15 AMP	AUDIO/VIDEO
7	18	ORANGE	5 AMP	LP & CO DET
8	14	GREEN	15 AMP	CARGO LIGHTS
9	14	PINK	15 AMP	TANK HEATER
10	10	RED	30 AMP	SLIDE MTR POWER
11	12	GREEN	15 AMP	ELECTRIC AWNING

12 VOLT AT BATTERY

NO	GA.	COLOR	ATC FUSE	POWER TO
A1	14	YELLOW	15 AMP	RADIO MEMORY

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 RECEPTS 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 BREAKER

NO	GA.	COLOR	AMPS	POWER TO	TYPE
AA	6	RED	50	CONVERTER	III
BB	6	RED	100	BUSSMANN BOX	III
CC	2	RED	100	GENERATOR	III

APPLIANCE/GENERATOR SPECS

APPLIANCE	VOLTS	AMPS
CONVECTION MICROWAVE (USA)	120	12.5
CONVECTION MICROWAVE (CSA)	120	12.5
AIR CONDITIONER (13.5K)	115	13.1
AIR CONDITIONER (15K)	115	14.8
REFRIGERATOR	120	2.5
WATER HEATER	120	11.66
CONVERTER	120	7.5
4.0 ONAN	120	33.3

USA

120 VOLT CIRCUITS

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

CSA

120 VOLT CIRCUITS

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

REV	DESCRIPTION	DATE	BY	ECN
–	INITIAL RELEASE	–	–	11151
1	CHANGE INTERIOR LED PANCAKE LIGHTS TO PUCK LIGHTS,GFCI RECEPT IN ENT BAY	01/13/15	BWD	11313
2	2016.5 CHANGES–CHANGE FEATURE WALL RECEPT TO GFCI CIRCUIT	06/18/15	BWD	11569

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 TEE1287.XLS FOR CUTLIST

SPECIAL NOTES:

THOR MOTOR COACH

DRAWN BY	SHEET	OF	DATE
BWD	1	1	12/17/14

DESCRIPTION: 110/12V LAYOUT

MODEL: 24.1 AXIS/VEGAS

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DRAWING NUMBER: TEE1287

REVISION: 2