WONDER | REAR LOUNGE

2023 MANUAL



LEISURE
TRAVEL VANS

⚠ WARNING

Operating, servicing and maintaining a passenger vehicle, pickup truck, van, or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle.
For more information go to www.P65Warnings.ca.gov/passenger-vehicle

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1. INTRODUCTION

Congratulations! Thank you for selecting a Leisure Travel Vans Motorhome.

Welcome to the exciting world of motorhome travel and camping, with all the comforts of home with you, while you travel and enjoy the outdoors.

Your motorhome has been designed and manufactured to enhance your travel and camping experience and to provide you with safe, efficient and trouble-free operation.

Before your first drive, become familiar with the operation of the vehicle chassis and all functions and operations of the motorhome. Spend adequate time with your dealer when you take delivery to learn all you can about your new motorhome.

KEEP the Motorhome Information Kit within your motorhome for readily available reference.

PASS this manual, the Chassis Operation Manual and the Motorhome Information Kit to any subsequent operator or owner.

For clarification or further details on any of the enclosed information, please contact:

Your Leisure Travel Vans Dealer or Triple E RV Customer Service at:

Email:	info@tripleerv.com
Toll Free:	877-992-9906
Telephone:	204-325-4361
Fax:	204-325-5241

SUPPLEMENTAL MANUAL

This manual was prepared to aid the operator and occupants in the operation and care of the motorhome by giving specific information about your model. There are many options to Leisure Travel Vans, so ensure that you are familiar with your motorhome's systems and equipment. All operators and occupants of the motorhome should read, understand and follow the instructions in this manual, the vehicle chassis manual & the information contained in the Motorhome Information Kit provided with your new motorhome.

Your motorhome contains a number of systems, components, equipment, and appliances manufactured by vendors that supply components for Triple E RV. These vendors are unrelated to Triple E RV.

Before operating the motorhome for the first time – even if an experienced motorhome operator – read and become familiar with all of the relevant manuals to your motorhome, components, equipment and appliances provided in the Motorhome Information Kit. Your familiarity with the detailed operation of your motorhome will assist in your safe, efficient and trouble-free motorhome operation.

MOTORHOME INFORMATION KIT

The Motorhome Information Kit includes but isn't limited to information on the components, equipment and appliances listed below (based on options selected).

- Refrigerator
- Stove top
- Furnace
- Electrical Panel
- Toilet
- Water Heater
- Water Pump
- Water Filtration
- Vent (roof)
- Fire Extinguisher
- Smoke Detector
- Thermostat
- CO Detector
- Propane Detector
- Gas Regulator
- TV Antenna
- TV/DVD
- Chassis
- Air Conditioner
- Generator
- Stabilizers/Leveling Jacks
- Rear View Monitor
- Inverter
- Entertainment System
- Safety
- Flooring and Countertops
- Electric Step
- Solar Panel
- Surge Protector
- Safe
- Awning

OPTIONS AND EQUIPMENT

Leisure Travel Vans are available in various sizes and floor plan configurations and with differing optional equipment. The equipment, accessories and components described in this manual may not apply in all respects to your motorhome. Read the material and manuals provided in the Motorhome Information Kit for detailed instructions regarding the equipment specific to your motorhome.

SERVICE ASSISTANCE

Your dealer will assist you with any additional information you need and will answer any questions you have about the operation of your motorhome. When it's time to service the vehicle, remember that your dealer knows your motorhome best and is dedicated to your satisfaction. Your dealer will provide quality maintenance and assistance during your period ownership. Triple E RV strongly recommends that you follow a regular maintenance schedule to keep your motorhome functioning at its best.

Call the following numbers if you require warranty assistance while traveling:

Triple E RV: 1-877-992-9906

Canada Sprinter Customer Service:
1-800-387-0100 www.thesprinter.ca

US Sprinter Customer Service:
1-877-762-8267 www.mbsprinterusa.com

Canada Ford Customer Service:
1-800-565-3673 www.ford.ca

US Ford Customer Service:
1-800-392-3673 www.ford.com

Emergency Roadside Service* Call:
1-877-219-3831
4287 Beltline Road, Box 198
Addison, Texas 75001

*This Emergency Roadside Service is available to owner of the motorhome during the first two years after purchase.

REPORTING SAFETY DEFECTS

If you suspect your motorhome has a safety defect that could cause injury or death, immediately contact Triple E RV. Also, contact the National Highway Traffic Safety Administration (NHTSA) in the US or Transport Canada to report your concern.

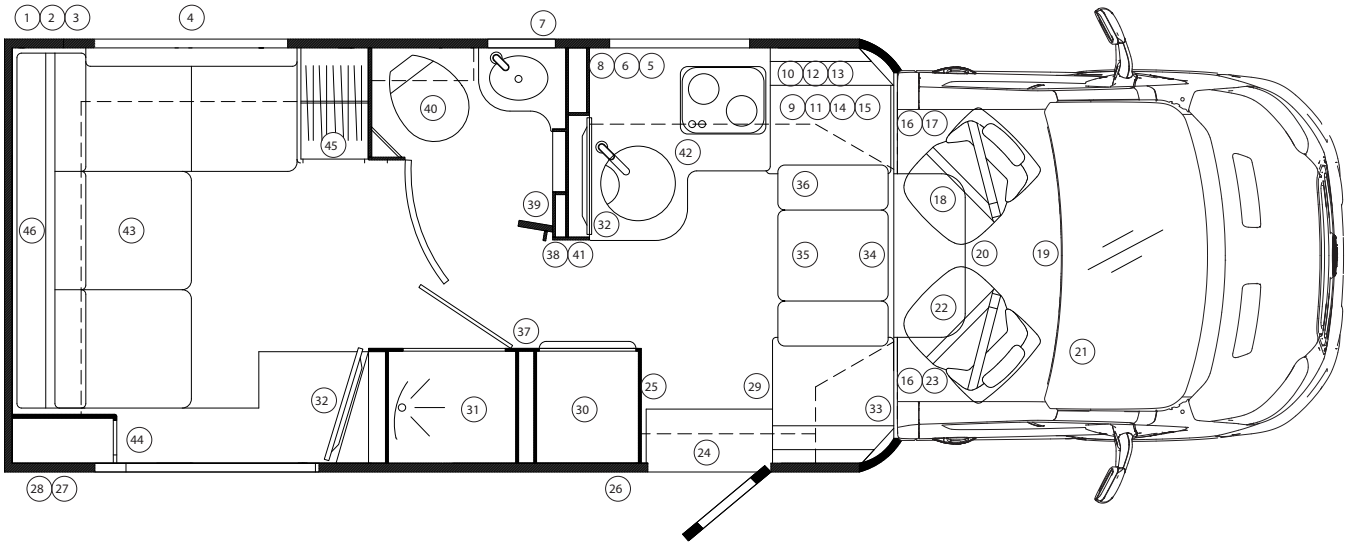
NHTSA will investigate the concern if there are a number of similar complaints. NHTSA has the authority to order a recall and repair campaign depending on the nature and severity of the problem.

You can reach the NHTSA by calling the Auto Safety Hot-line at 1-800-424-9393 (202-366-0123 in the Washington, DC, area) or by writing to NHTSA, US Department of Transportation, Washington, DC 20590. The hot-line also will provide you with additional information on motor vehicle safety.

In Canada, call 1-800-333-0510 or write to Transport Canada and Road Safety, 2780 Sheffield Road, Ottawa, Ontario K1B 3V9.

2. GENERAL INFORMATION

FLOOR PLAN

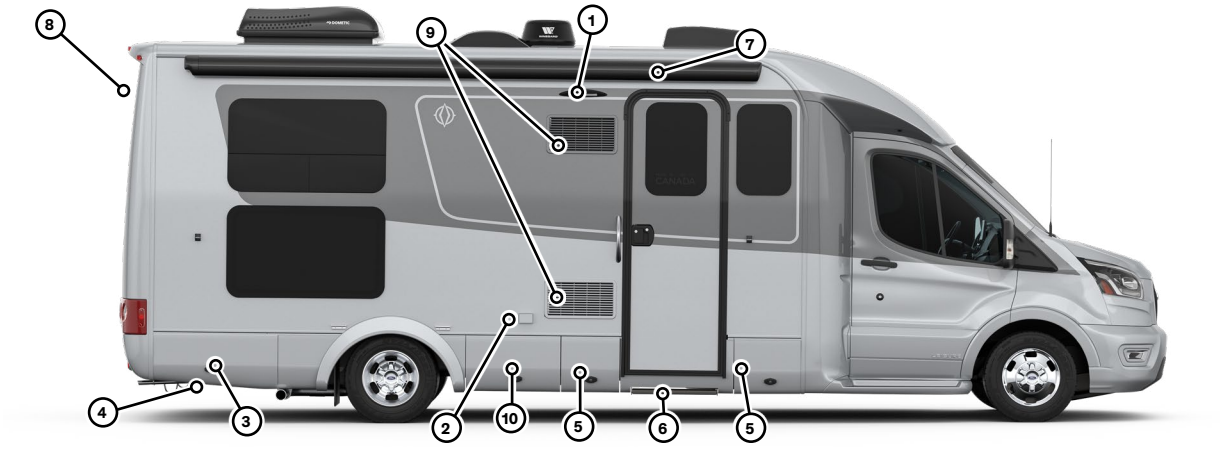


① Macerator Option Under Floor
② Sewer Hose Under Floor
③ Utility Center Under Floor
④ Egress Window
⑤ Water Pump Under Galley
⑥ Water Heater and Furnace Under Galley
⑦ Shore Power Plug
⑧ Tank Flush Non Return Valve Behind Access Cover in Over Head Cabinet
⑨ Ignition 7.5A Fuse under seat
⑩ HDMI Switch Box and BluRay Player in O/H
⑪ Step Switch, battery heat, G12 RTC shared 5A fuse under seat
⑫ Satellite Option Prewire and Component Connection Plate in Overhead Cabinet
⑬ TV Antenna Booster/WIFI Switch under Overhead
⑭ Generator Transfer Switch Under Dinette Seat
⑮ Surge Protector Under Dinette Seat
⑯ USB Plug on Cab Upright
⑰ Battery 7.5A Fuse Behind Captains Seat
⑱ Chassis Batteries Under Captain Seat
⑲ Ford 12 Volt Plug and USB Plug
⑳ Swivel Seats
㉑ Optional Rear Door Lock/Unlock relay behind glove box
㉒ DC/DC Charger under seat
㉓ Awning Switch on pillar behind passenger
㉔ Solar Controller, Inverter Remote, and Water Heater Dial above Entrance Door
㉕ Battery Disconnect Switch on Cabinet Wall
㉖ Coach Batteries In Compartment Under Floor (Solar Panel 30A fuse behind batteries)
㉗ Generator Option Under Floor
㉘ Exterior BBQ Connection Under Floor
㉙ Fire Extinguisher
㉚ Fridge(2A fuse behind vent) Microwave Above
㉛ Shower
㉜ TV
㉝ MultiPlex Display on Cab Upright
㉞ Smoke Alarm on Ceiling
㉟ Dinette
㊱ Breaker Panel
㊲ Propane/Carbon Monoxide Detector on Cabinet Face
㊳ Thermostat Sensor on Pantry Wall
㊴ MultiPlex G12 Panel Board behind Access cover
㊵ Toilet
㊶ Pantry
㊷ Galley
㊸ Sofa
㊹ USB Plug on Bed Side
㊺ Wardrobe
㊻ Murphy Bed

EXTERIOR EQUIPMENT LOCATION

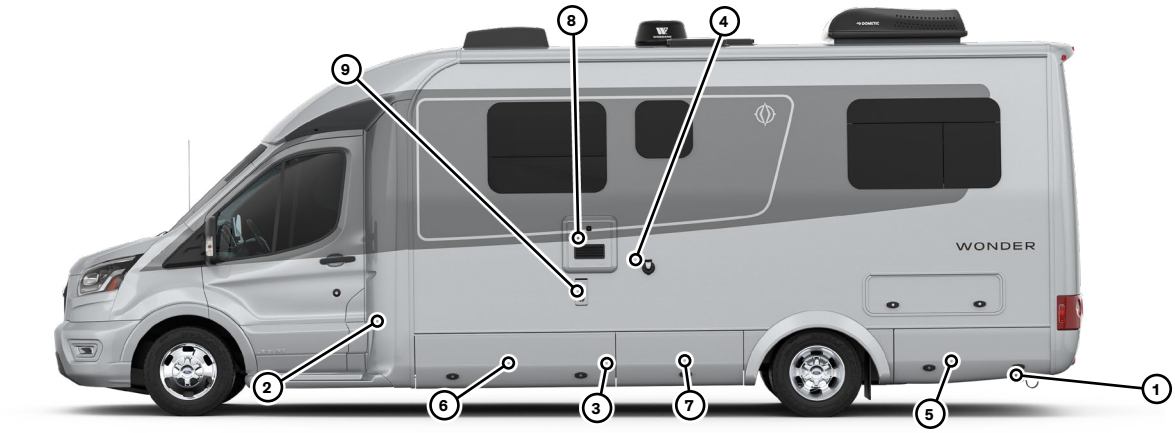
PASSENGER SIDE VIEW

1. Light
2. External Receptacle
3. Generator Compartment
4. BBQ Hook-Up
5. Storage Compartment
6. Electrical Step
7. Awning
8. Ladder (Optional)
9. Fridge Vents
10. Inverter/Battery Compartment



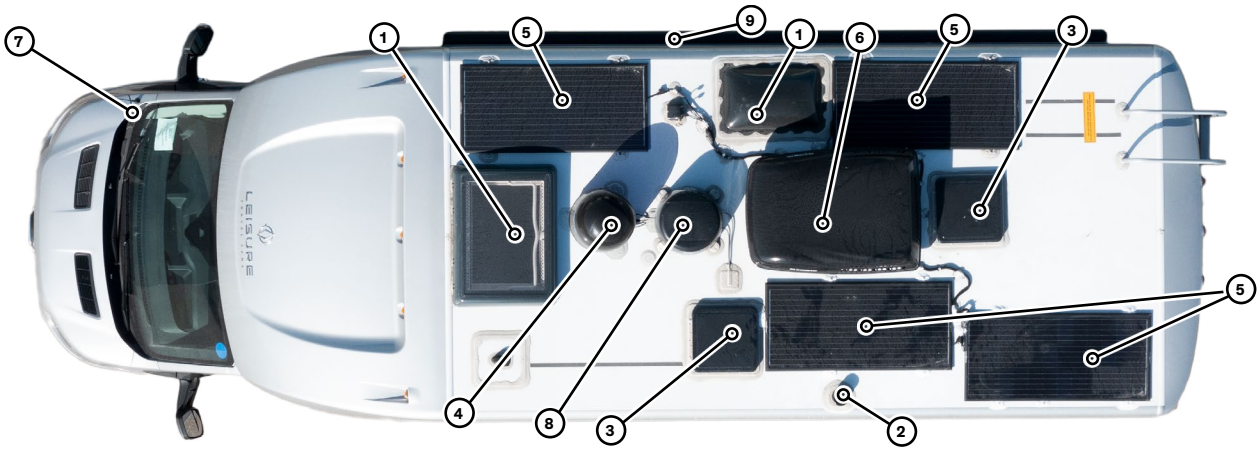
DRIVER SIDE VIEW

1. Sewer Termination
2. Fuel Fill
3. Sewer Hose (Behind Doors)
4. Shore Power Connection
5. Utility Center
6. Storage Compartment
7. Propane Shut-Off
8. Water Heater
9. Furnace Vent



TOP VIEW

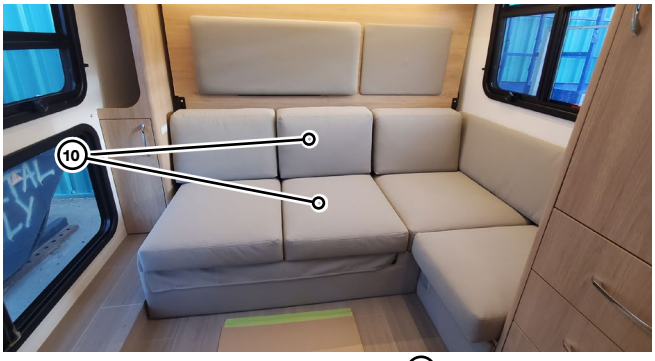
1. Skylight
2. Stack Vent
3. Roof Vent
4. Satellite (Optional)
5. Solar Panels (Optional)
6. A/C
7. Radio Antenna
8. TV/WiFi Antenna
9. Awning



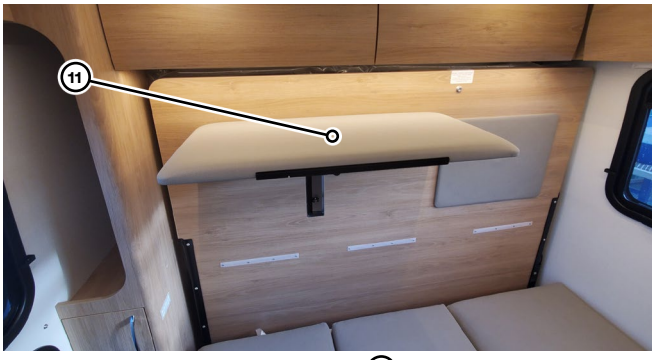
BEDS AND SEATING

LOWERING THE MURPHY BED

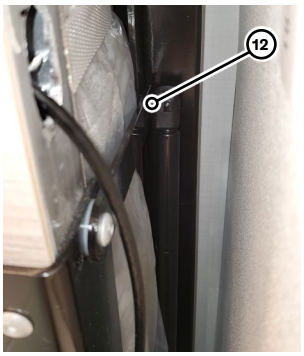
1. Remove the back rests and seat cushions (10) and set aside.



2. Raise the padded head rest (11) until it click in to place.



3. Disengage the travel lock (12) located on the driver side of the bed by raising the arm up.



4. Carefully lower the bed until it is resting on the floor, and the locking mechanism is engaged.

⚠ WARNING

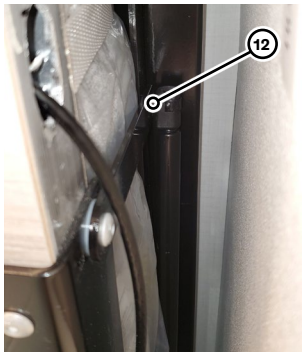
Always ensure that the bed is locked when in the lower position. Failure to do so could allow the bed to close while occupied, causing serious injury or death.

RAISING THE MURPHY BED

1. Press the lock release button (13) under the bed and lift the bed.



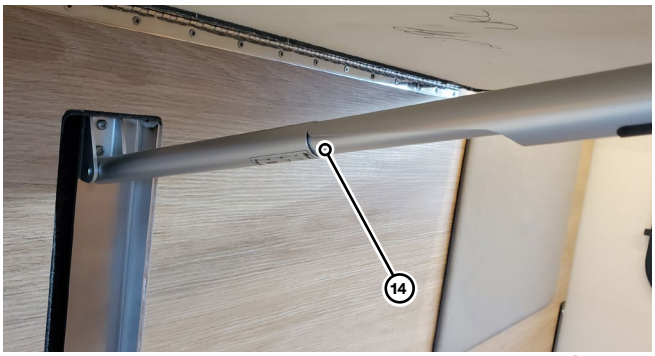
2. Engage the side locking mechanism (12) once the bed is upright.



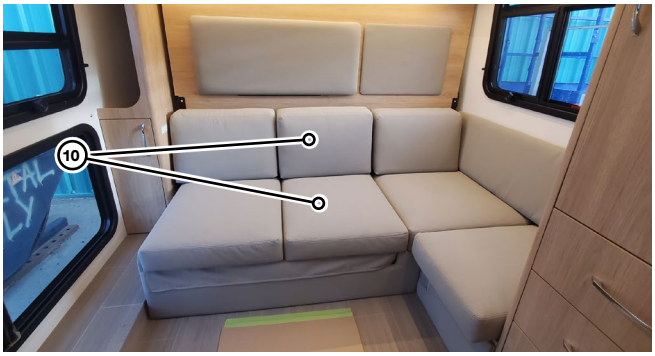
⚠ CAUTION

Always ensure that the bed is locked when in the upright position. Failing to do so will allow the bed to fall, causing damage or personal harm.

3. Lower the padded headrest by pushing up in the center of the support (14), and lowering the headrest.



4. Replace the seat cushion and back rests (10).



TV LOCATION

The Wonder RL TV is located in the rear lounge section of the coach (15), as well as the wall next to the galley (16).

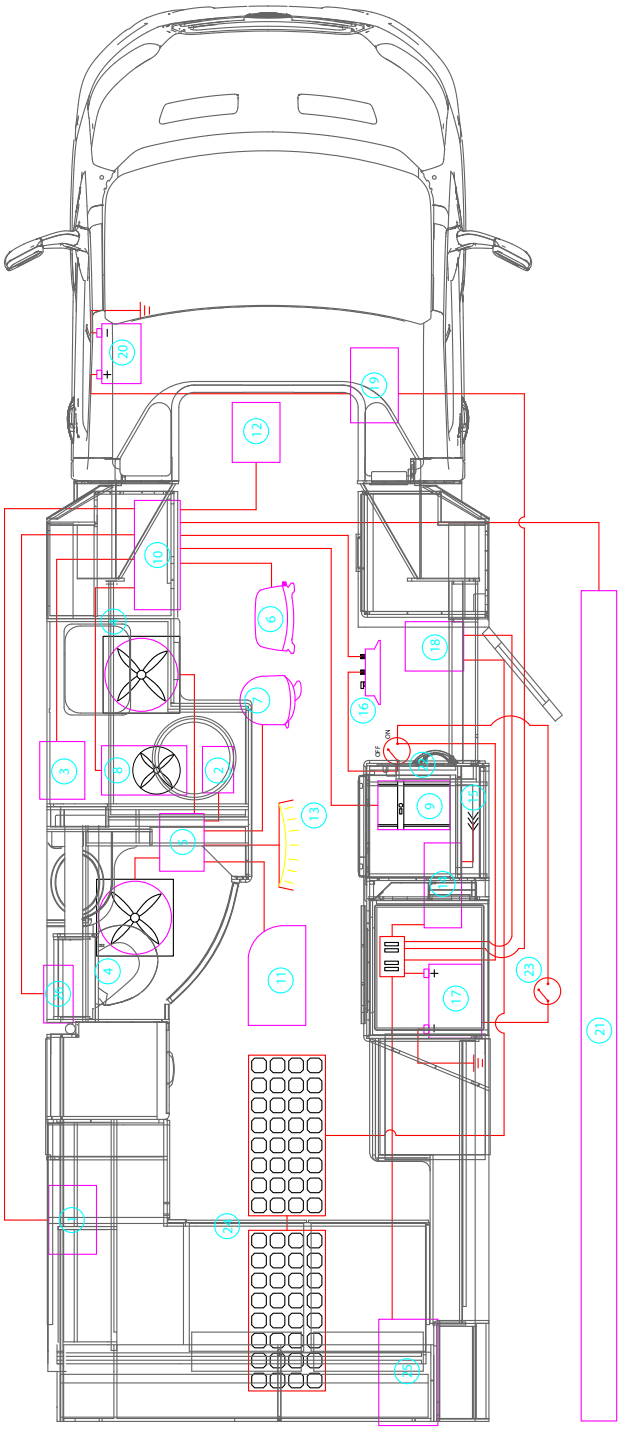




3. SCHEMATICS

ELECTRICAL

12 VOLT ELECTRICAL REFERENCE

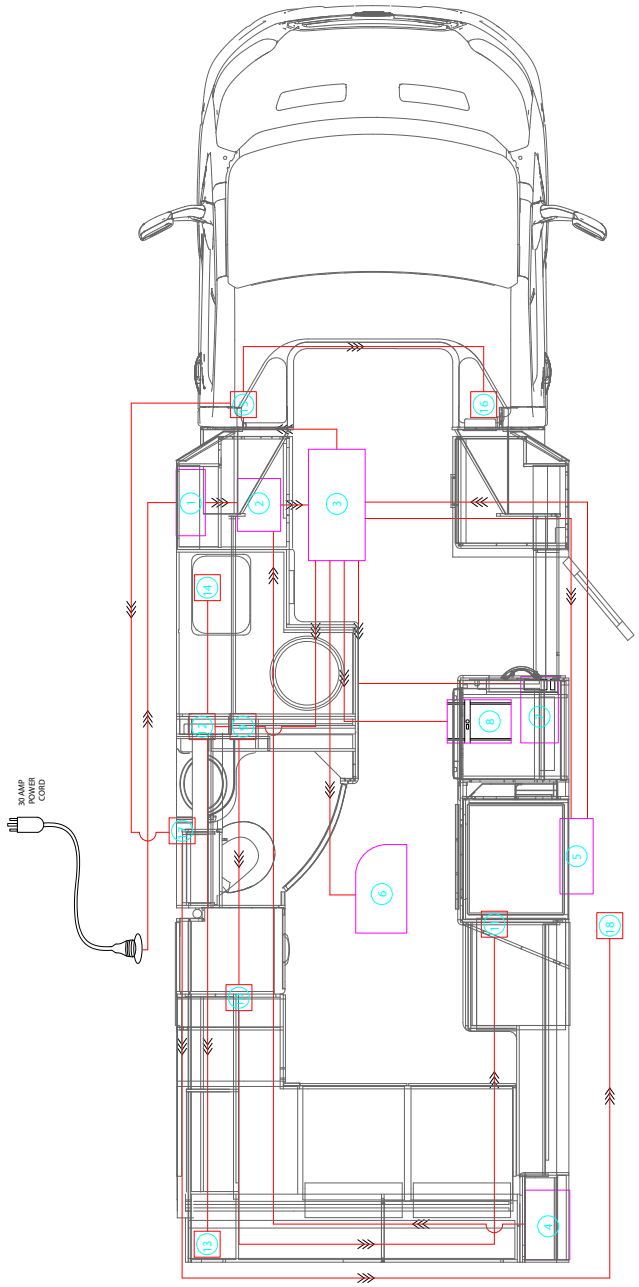


W24RL 12V ELECTRICAL WIRING SCHEMATIC

PLEASE REFER TO BREAKER PANEL LABELS FOR EXACT LAYOUT

① Macerator Pump (Optional)
② Water Pump
③ Water Heater
④ Power Roof Vent (Washroom/Galley)
⑤ Multiplex System
⑥ Winegard Connect 2.0
⑦ Satellite Dish (Optional)
⑧ Furnace
⑨ Fridge
⑩ DC Fuse Panel
⑪ Air Conditioner
⑫ USB Chargers
⑬ Light Circuits
⑭ Inverter
⑮ 120V AC Power Input
⑯ AGM Low Voltage Disconnect
⑰ RV Batteries
⑱ Solar Charge Controller
⑲ DC/DC Charger
⑳ Chassis Battery
㉑ Awning
㉒ Battery Disconnect
㉓ Lithium Battery Heat Enable Switch (Optional)
㉔ Solar Panels (200W or 400W Optional)
㉕ Generator (Optional)
㉖ Macerator Toilet

120 VOLT ELECTRICAL REFERENCE

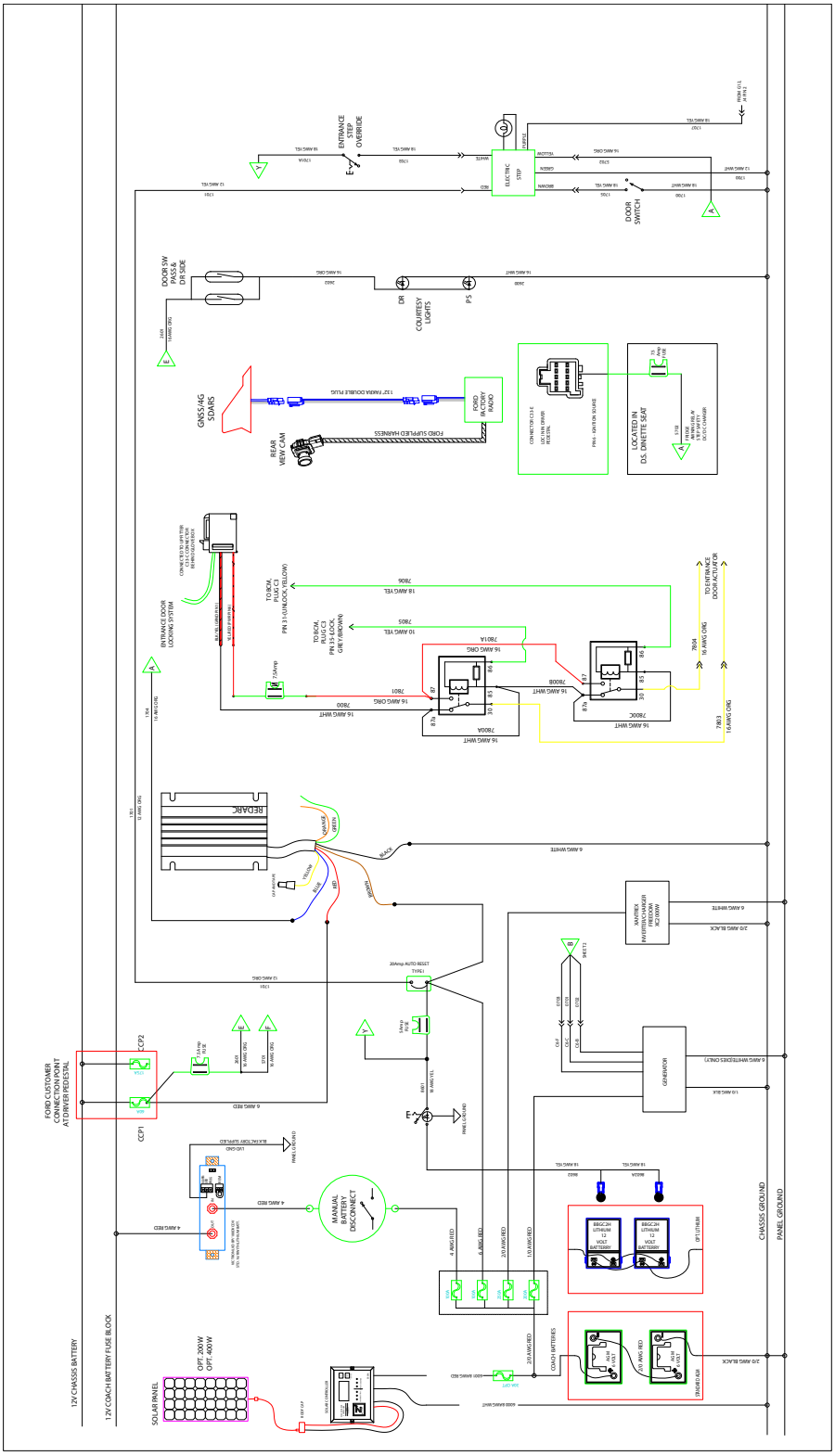


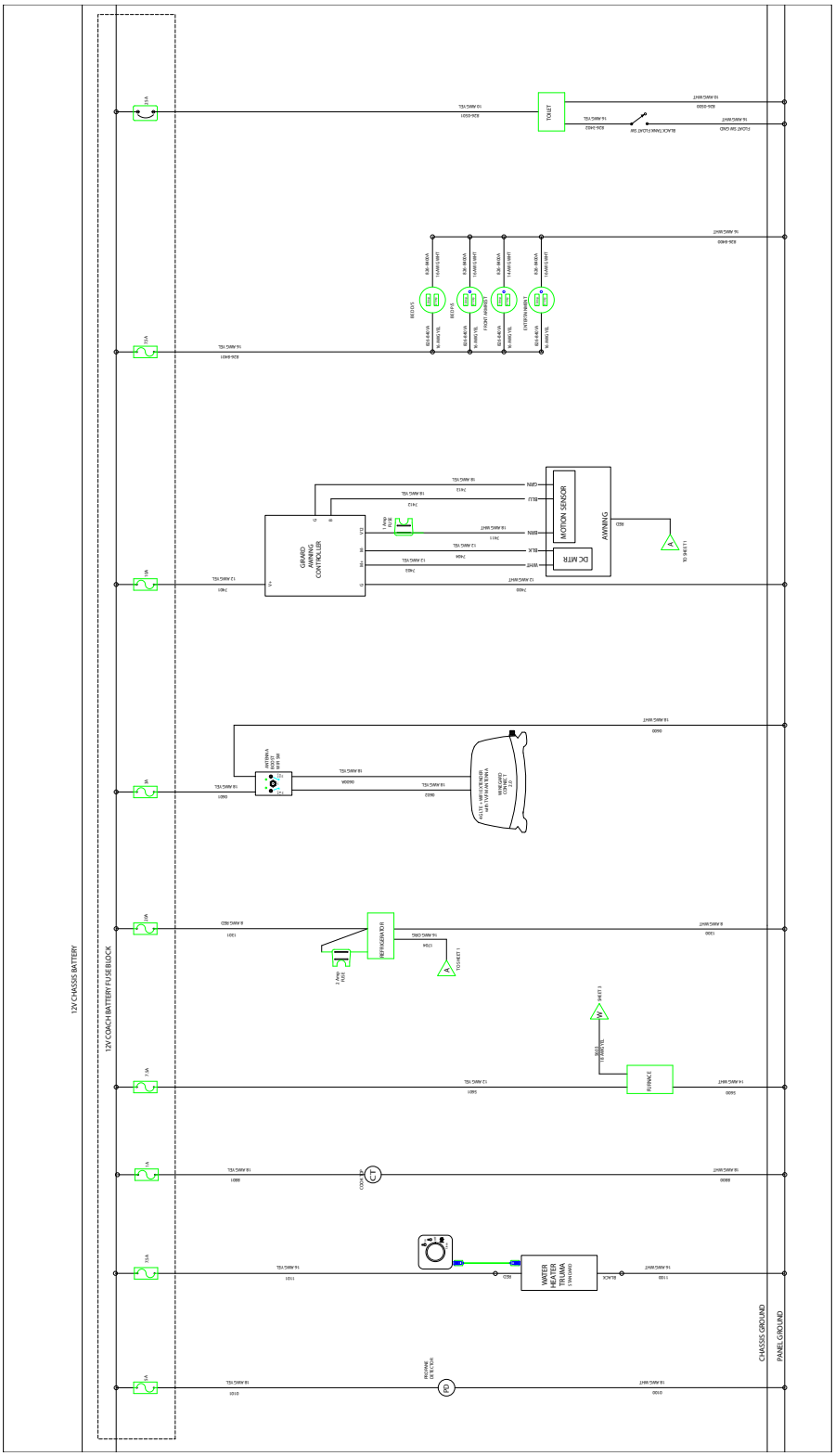
W24RL 30 AMP 120V ELECTRICAL WIRING SCHEMATIC

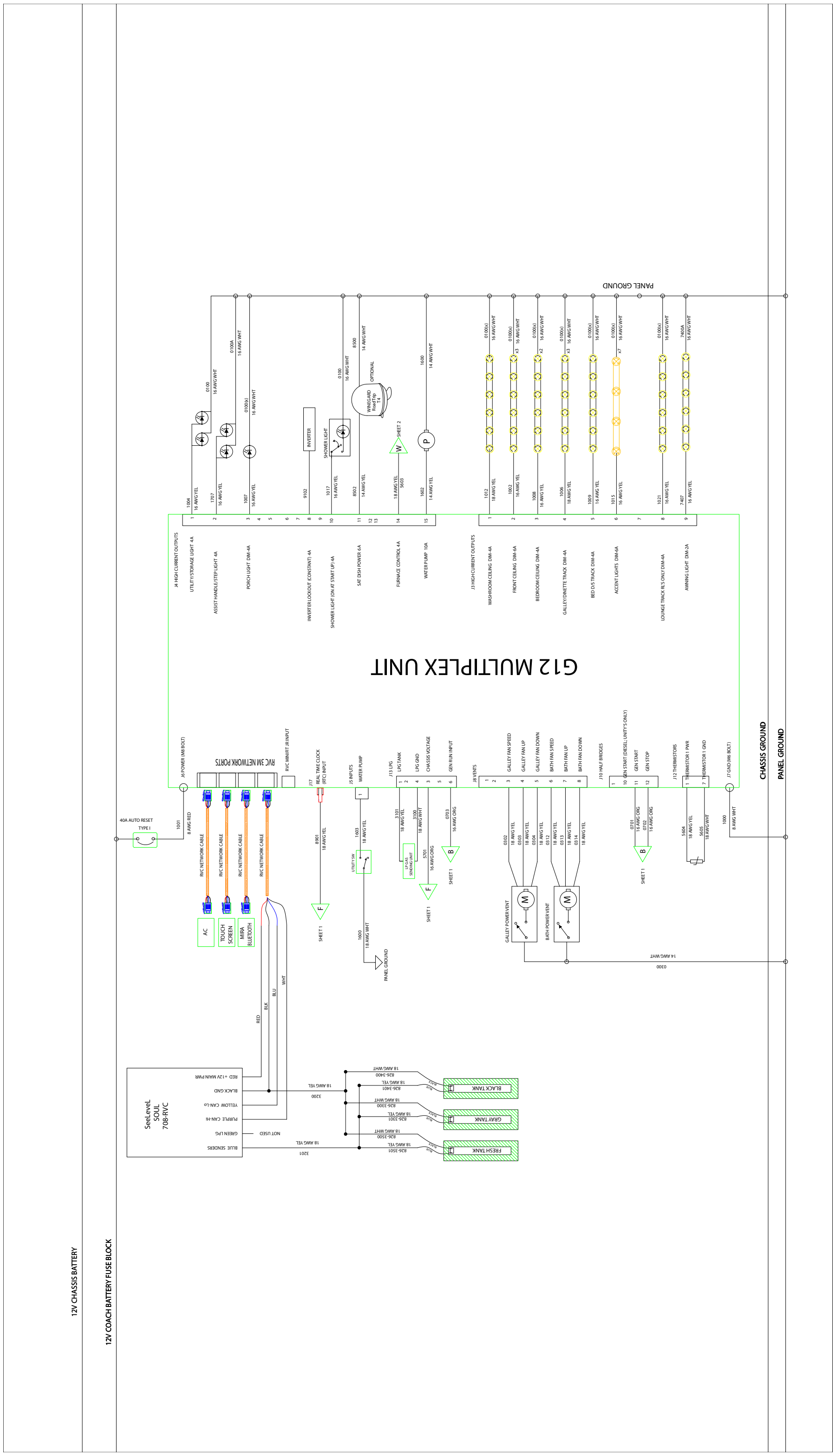
PLEASE REFER TO BREAKER PANEL LABELS FOR EXACT LAYOUT

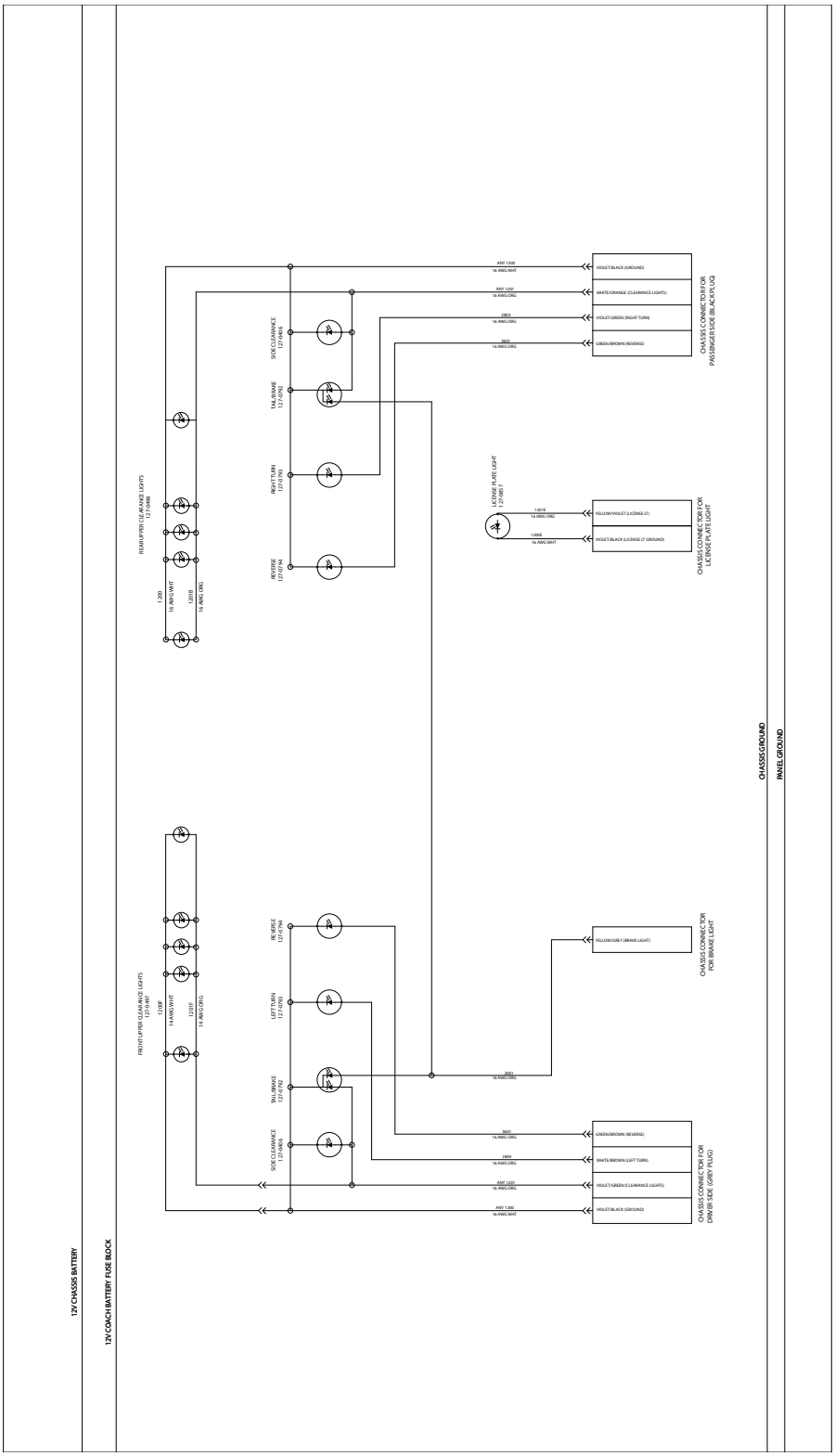
① Surge Protector
② Transfer Switch
③ AC Distribution Panel
④ Generator
⑤ Inverter/Charger
⑥ Air Conditioner
⑦ Microwave
⑧ Fridge
⑨ Galley Receptacle
⑩ First Bed Receptacle
⑪ Bedroom TV
⑫ Front TV
⑬ Second Bed Receptacle
⑭ Entertainment Receptacle
⑮ Dinette Driver Side Receptacle
⑯ Dinette Pass. Side Receptacle
⑰ Washroom Receptacle
⑱ Exterior Receptacle

ELECTRICAL SCHEMATIC

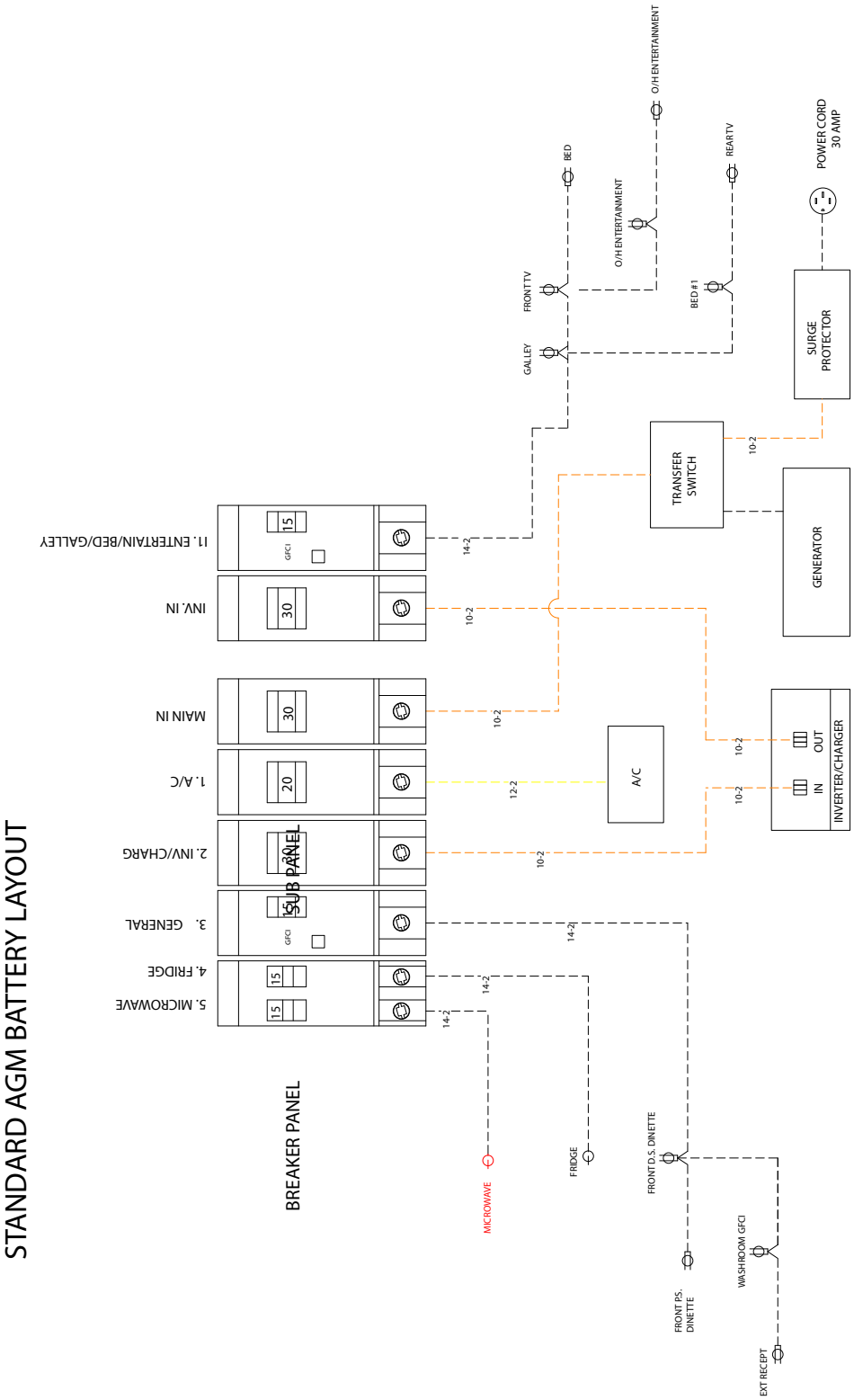


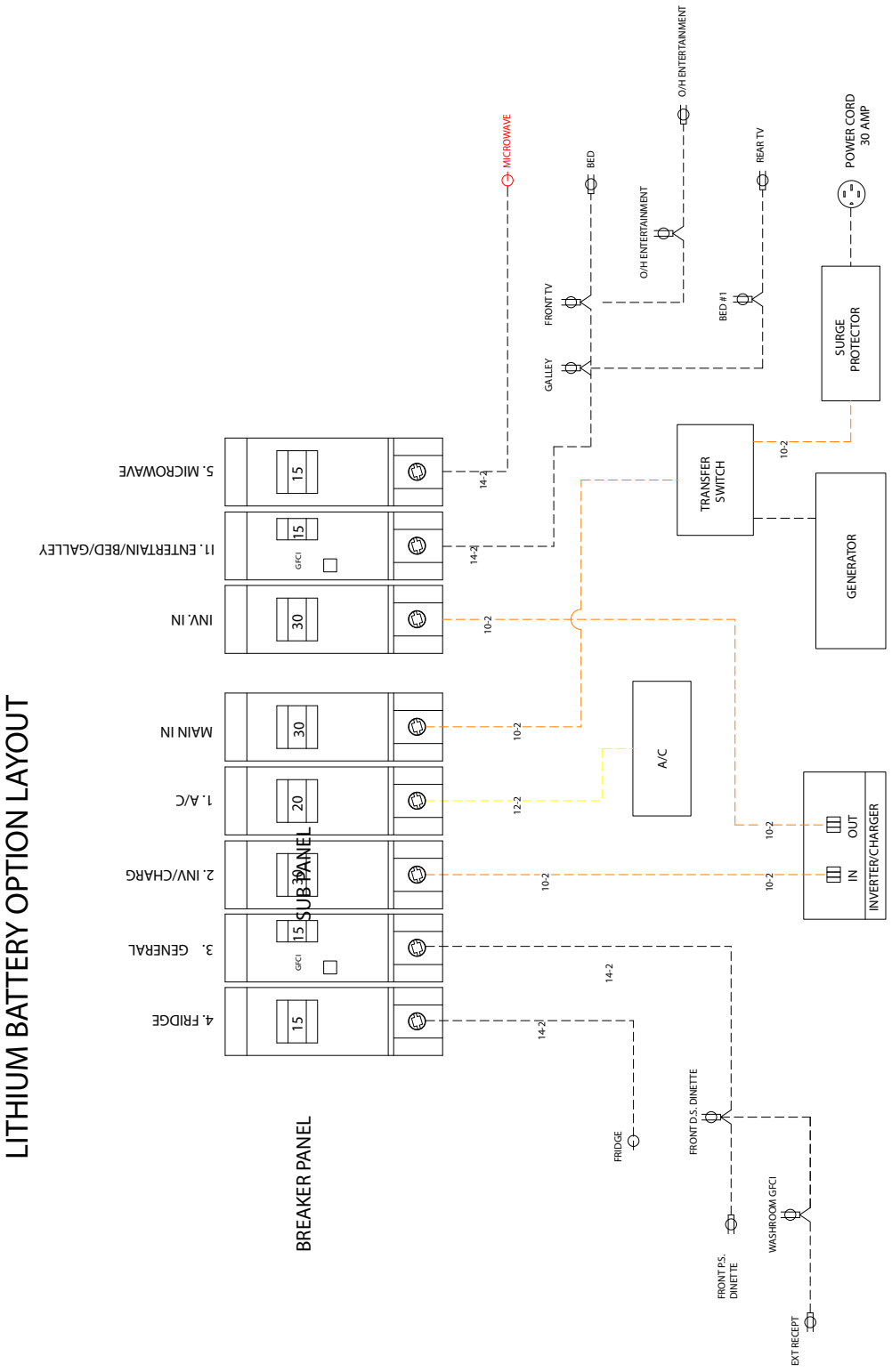

12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK
TOILET
MOTION SENSOR
DC MTR
AWNING
GRAND AWNING CONTROLLER
REFRIGERATOR
WATER HEATER TRUMA
RANGE
CHASSIS GROUND
PANEL GRN/YLW


G12 MULTIPLEX UNIT
12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK
CHASSIS GROUND
PANEL GROUND
J4 HIGH CURRENT OUTPUTS
UTILITY/STORAGE LIGHT 4A
ASSIST HANDLE/STEP LIGHT 4A
PORCH LIGHT DIM-4A
INVERTER LOCKOUT (CONSTANT) 4A
SHOWER LIGHT (ON AT START UP) 4A
SAT DISH POWER 6A
FURNACE CONTROL 4A
WATER PUMP 10A
J3 HIGH CURRENT OUTPUTS
WASHROOM CEILING DIM-4A
FRONT CEILING DIM-6A
BEDROOM CEILING DIM-4A
GALLEY/DINETTE TRACK DIM-4A
BED D/S TRACK DIM-4A
ACCENT LIGHTS DIM-6A
LOUNGE TRACK RL'S ONLY DIM-4A
AWNING LIGHT DIM-2A
J6 POWER (M8 BOLT)
RVC 3M NETWORK PORTS
RVC MINIFIT JR INPUT
J17 REAL TIME CLOCK (RTC) INPUT
J5 INPUTS WATER PUMP
J13 LPG LPG TANK LPG GND CHASSIS VOLTAGE GEN RUN INPUT
J8 VENTS GALLEY FAN SPEED GALLEY FAN UP GALLEY FAN DOWN BATH FAN SPEED BATH FAN UP BATH FAN DOWN
J10 HALF BRIDGES GEN START (DIESEL; UNITY'S ONLY) GEN START GEN STOP
J12 THERMISTORS THERMISTOR 1 PWR THERMISTOR 1 GND
J7 GND (M6 BOLT)
INVERTER
SHOWER LIGHT
WINEGARD RoadTrip T4
OPTIONAL
SHEET 2
40A AUTO RESET TYPE I
1001 8 AWG RED
RVC NETWORK CABLE
AC
TOUCH SCREEN
MIRA BLUETOOTH
UTILITY SW
LP GAS SENDING UNIT
GALLEY POWER VENT
BATH POWER VENT
SHEET 1
0300 14 AWG WHT
1000 8 AWG WHT
RED BLK BLU WHT
SeeLeveL SOUL 708-RVC
RED +12V MAIN PWR
BLACK GND
YELLOW CAN-Lo
PURPLE CAN-Hi
GREEN LPG
BLUE SENDERS
NOT USED
3200 18 AWG YEL
3201 18 AWG YEL
BLACK TANK
GRAY TANK
FRESH TANK
826-3400 18 AWG WHT
826-3401 18 AWG YEL
826-3300 18 AWG WHT
826-3301 18 AWG YEL
826-3500 18 AWG WHT
826-3501 18 AWG YEL


12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK
CHASSIS GROUND
PANEL GROUND
FRONT UPPER CLEARANCE LIGHTS
REAR UPPER CLEARANCE LIGHTS
SIDE CLEARANCE
TAIL BRAKE
RIGHT TURN
REVERSE
LEFT TURN
LICENSE PLATE LIGHT
CHASSIS CONNECTOR FOR PASSENGER SIDE (BLACK PLUG)
CHASSIS CONNECTOR FOR LICENSE PLATE LIGHT
CHASSIS CONNECTOR FOR BRAKE LIGHT
CHASSIS CONNECTOR FOR DRIVER SIDE (GREY PLUG)
VIOLET/BLACK (GROUND)
WHITE/ORANGE (CLEARANCE LIGHTS)
VIOLET/GREEN (RIGHT TURN)
GREEN/BROWN (REVERSE)
YELLOW/VIOLET (LICENSE LT)
VIOLET/BLACK (LICENSE LT GROUND)
YELLOW/GREY (BRAKE LIGHT)
WHITE/BROWN (LEFT TURN)
VIOLET/GREEN (CLEARANCE LIGHTS)
VIOLET/BLACK (GROUNDS)

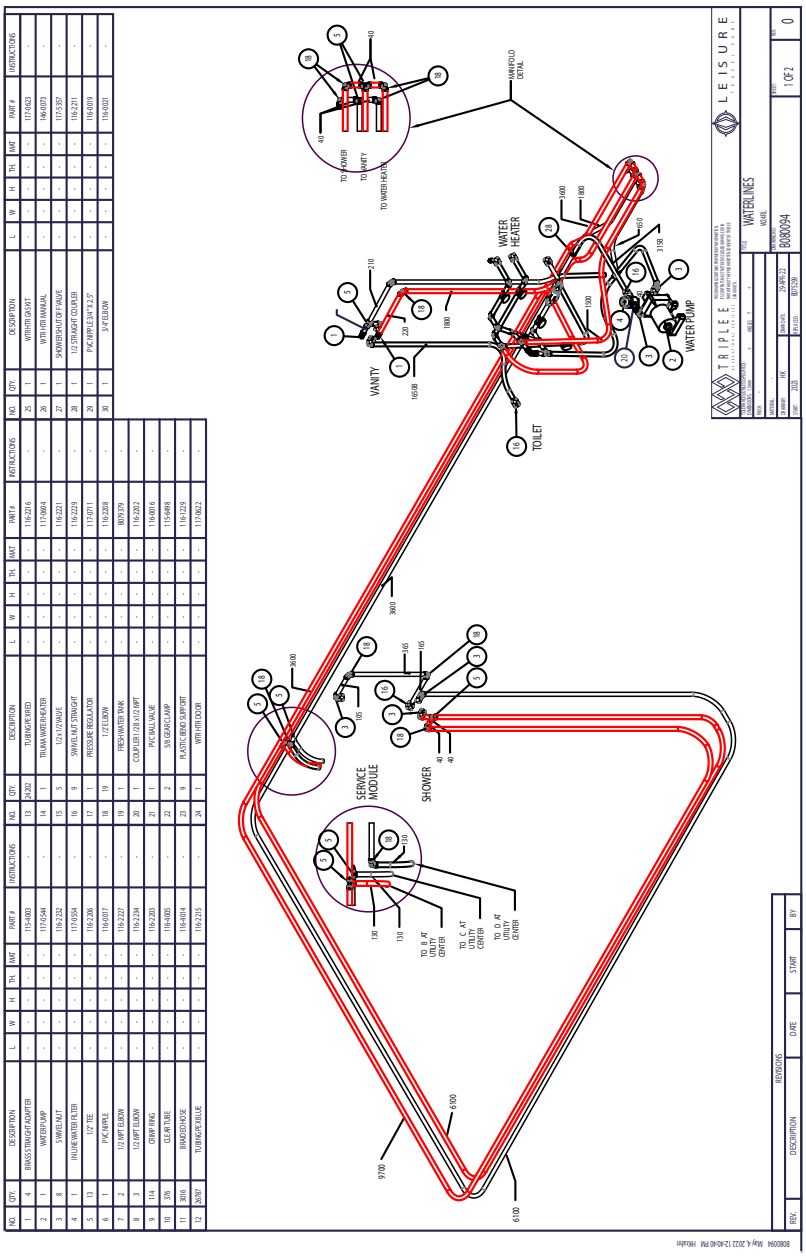
STANDARD AGM BATTERY LAYOUT




LITHIUM BATTERY OPTION LAYOUT
BREAKER PANEL
SUB PANEL
4. FRIDGE
3. GENERAL
2. INV/CHARG
1. A/C
MAIN IN
INV. IN
11. ENTERTAIN/BED/GALLEY
5. MICROWAVE
15
20
30
GFCI
14-2
12-2
10-2
MICROWAVE
BED
O/H ENTERTAINMENT
REAR TV
POWER CORD 30 AMP
FRONT TV
GALLEY
BED #1
SURGE PROTECTOR
TRANSFER SWITCH
GENERATOR
A/C
INVERTER/CHARGER
IN
OUT
FRIDGE
FRONT D.S. DINETTE
WASHROOM GFCI
FRONT P.S. DINETTE
EXT RECEPT

PLUMBING

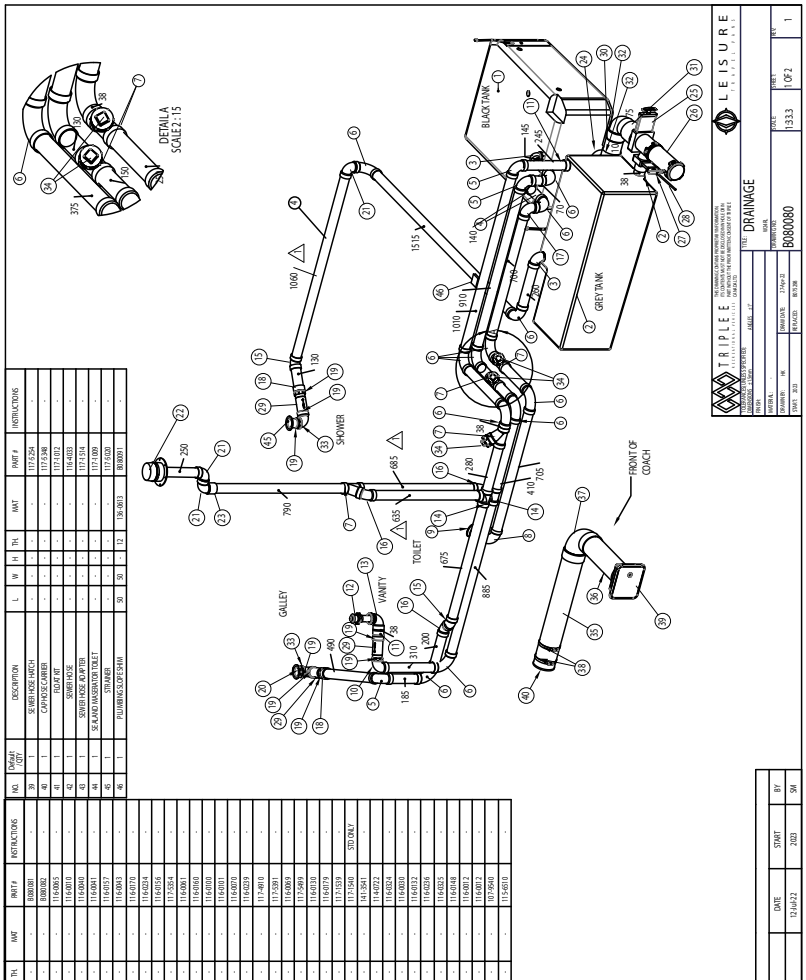
WATER LINES SCHEMATIC



NO.	QTY.	DESCRIPTION	L	W	H.	Thk	MAT	PART #	INSTRUCTIONS
1	4	BRASS STRAIGHT ADAPTER	-	-	-	-	-	115-4003	-
2	1	WATER PUMP	-	-	-	-	-	117-0344	-
3	8	SWIVEL NUT	-	-	-	-	-	116-232	-
4	1	INLINE WATER FILTER	-	-	-	-	-	117-0354	-
5	13	1/2" TEE	-	-	-	-	-	116-206	-
6	1	PVC NIPPLE	-	-	-	-	-	116-0017	-
7	2	1/2 MPT ELBOW	-	-	-	-	-	116-227	-
8	3	1/2 MPT ELBOW	-	-	-	-	-	116-234	-
9	114	COMP PIPING	-	-	-	-	-	116-230	-
10	376	CLEAR TUBE	-	-	-	-	-	116-4005	-
11	3016	BRAIDED HOSE	-	-	-	-	-	116-4014	-
12	2697	TUBING PER ROLLUE	-	-	-	-	-	116-235	-
13	2620	TUBING PER MTRED	-	-	-	-	-	116-2216	-
14	1	TRUMA WATER HEATER	-	-	-	-	-	117-0004	-
15	5	1/2 x 1/2 VALVE	-	-	-	-	-	116-2221	-
16	9	SWIVEL NUT STRAIGHT	-	-	-	-	-	116-2223	-
17	1	PRESSURE REGULATOR	-	-	-	-	-	117-0711	-
18	19	1/2" ELBOW	-	-	-	-	-	116-2203	-
19	1	FRESH WATER TANK	-	-	-	-	-	8070-370	-
20	1	COLOR LUBE 1/4 MPT	-	-	-	-	-	116-2021	-
21	1	PVC BALL VALVE	-	-	-	-	-	116-8010	-
22	2	5/8 GEAR CLAMP	-	-	-	-	-	115-4048	-
23	9	PLASTIC BEND SUPPORT	-	-	-	-	-	116-1223	-
24	1	WITH FIBERGLASS	-	-	-	-	-	117-0622	-
25	1	WITH FIN GASKET	-	-	-	-	-	116-2216	-
26	1	WITH FIN MANUAL	-	-	-	-	-	146-0093	-
27	1	SHOWER SHUTOFF VALVE	-	-	-	-	-	116-2221	-
28	1	1/2 STRAIGHT COUPLER	-	-	-	-	-	116-2211	-
29	1	PVC NIPPLE 3/4" X 2.5"	-	-	-	-	-	116-0019	-
30	1	3/4" ELBOW	-	-	-	-	-	116-0021	-

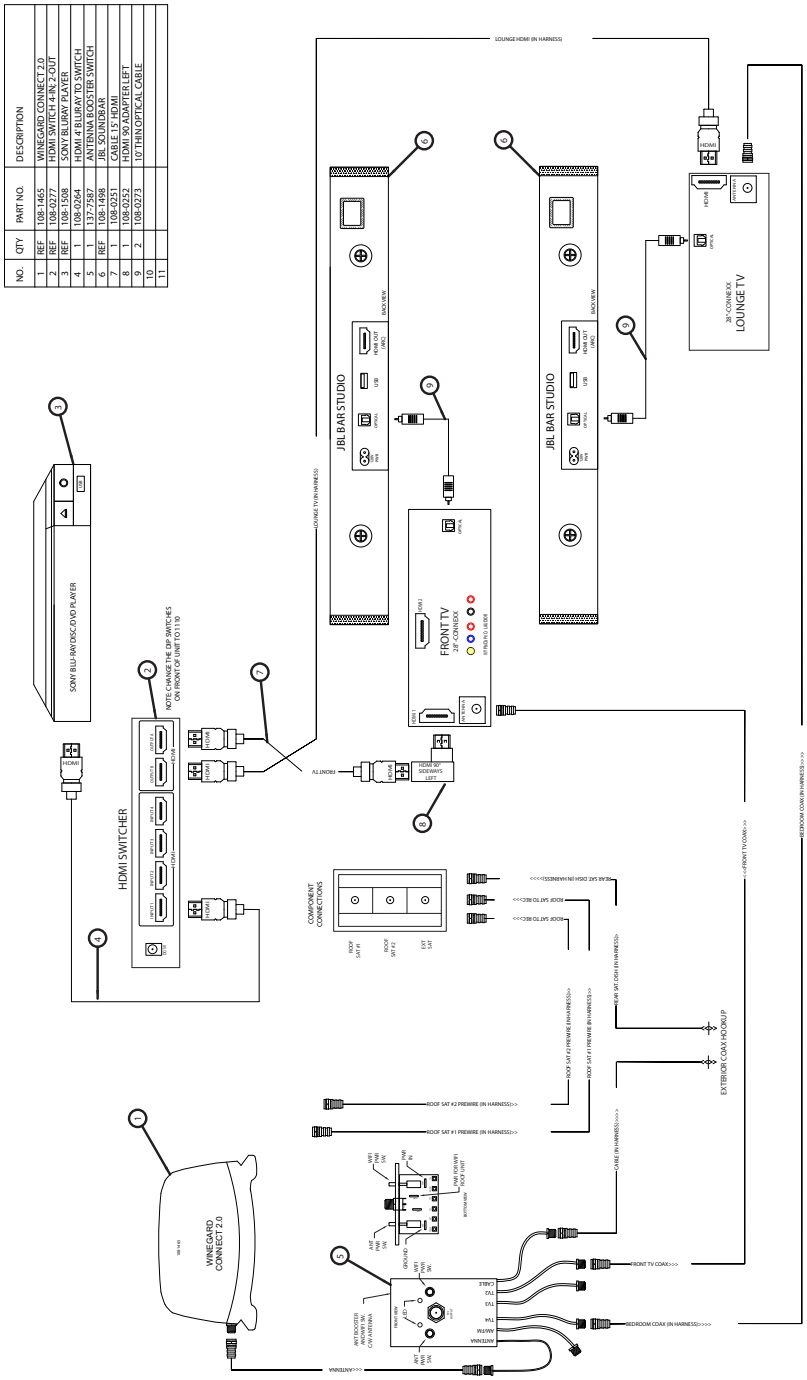
REV.	DESCRIPTION	REVISIONS DATE	BY

DRAIN LINE SCHEMATIC



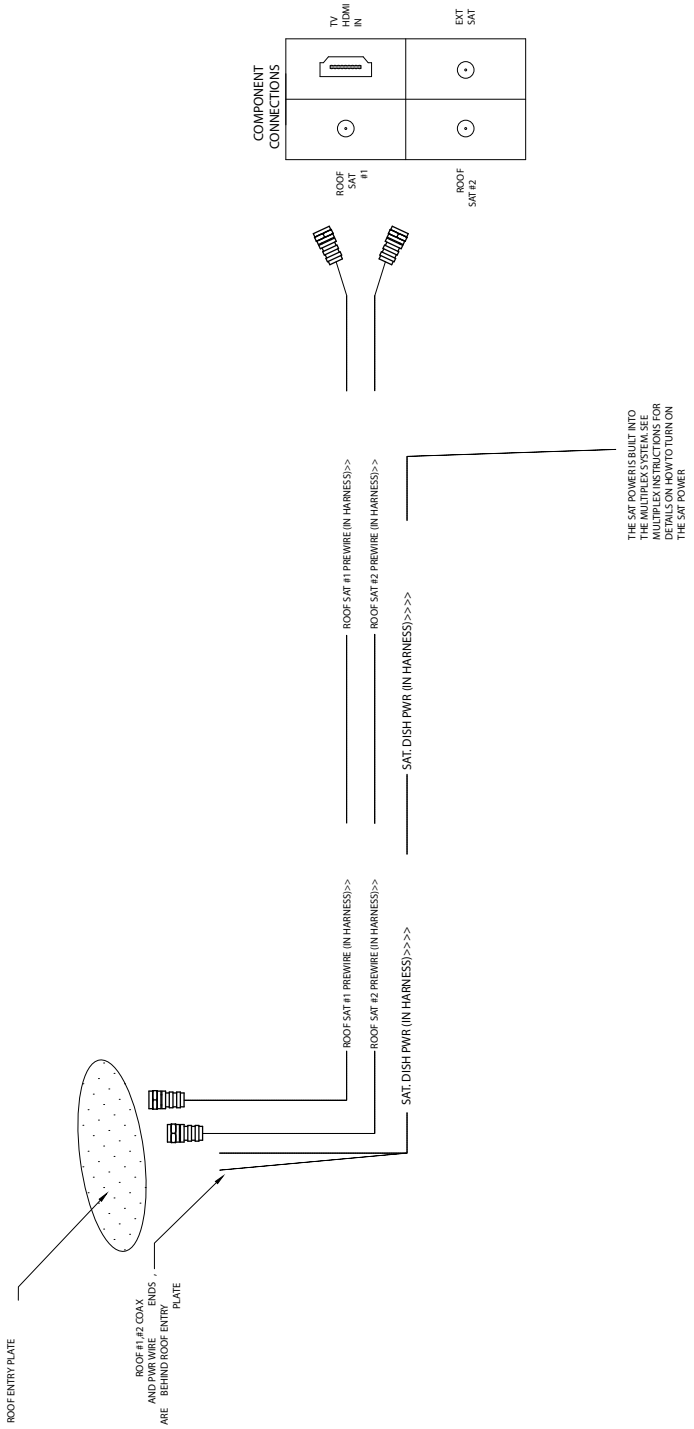
ENTERTAINMENT

NO.	QTY.	PART NO.	DESCRIPTION
1	REF	108-1465	WINEGARD CONNECT 2.0
2	REF	108-0277	HDMI SWITCH 4 IN, 2 OUT
3	REF	108-1508	SONY BLURAY PLAYER
4	1	108-0264	HDMI 4' BLURAY TO SWITCH
5	1	137-7587	ANTENNA BOOSTER SWITCH
6	REF	108-1498	JBL SOUNDBAR
7	1	108-0251	CABLE 15' HDMI
8	1	108-0252	HDMI 90 ADAPTER LEFT
9	2	108-0273	10' THIN OPTICAL CABLE
10			
11			



SATELLITE PRE-WIRE

If your coach did not come with the optional satellite dish, it will be pre-wired for installation at a later date if you so choose. Location of the prewire will vary by floorplan.



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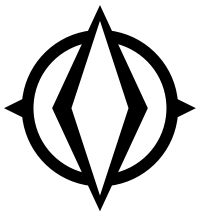

LEISURE

TRAVEL VANS

LTV Roadside Assistance

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Addison, TX 75001

for EMERGENCY ROADSIDE CALL
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