UNITY | REAR LOUNGE

2024 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.

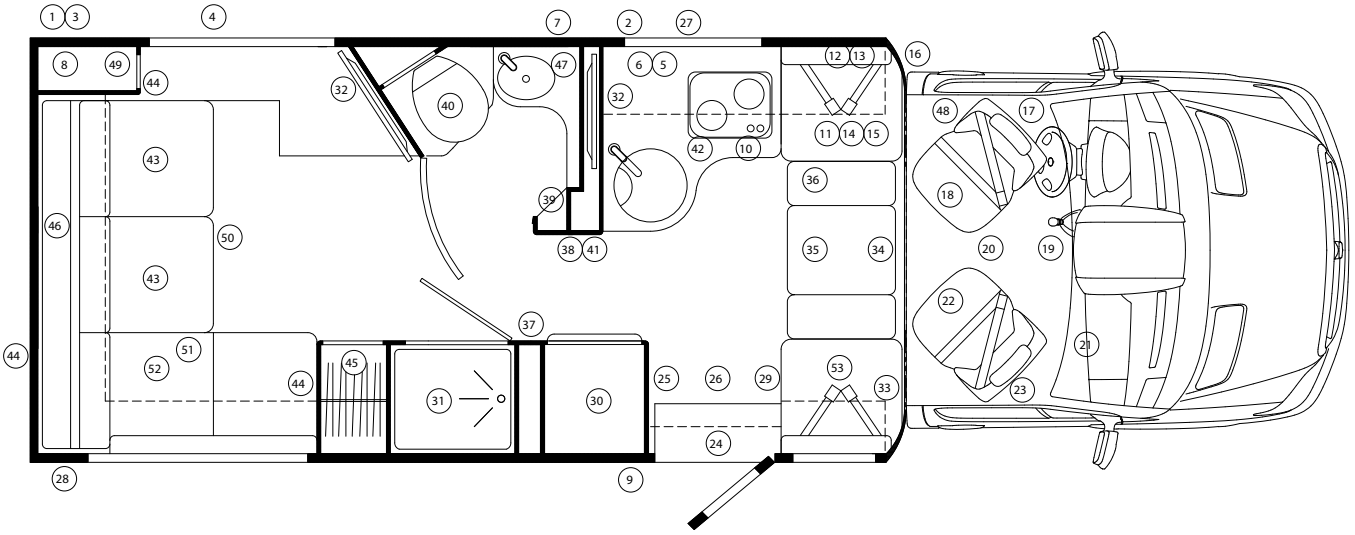
NHTSA will investigate the concern if there are a number of similar complaints. NHTSA has the authority to order a recall and repair campaign depending on the nature and severity of the problem.

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

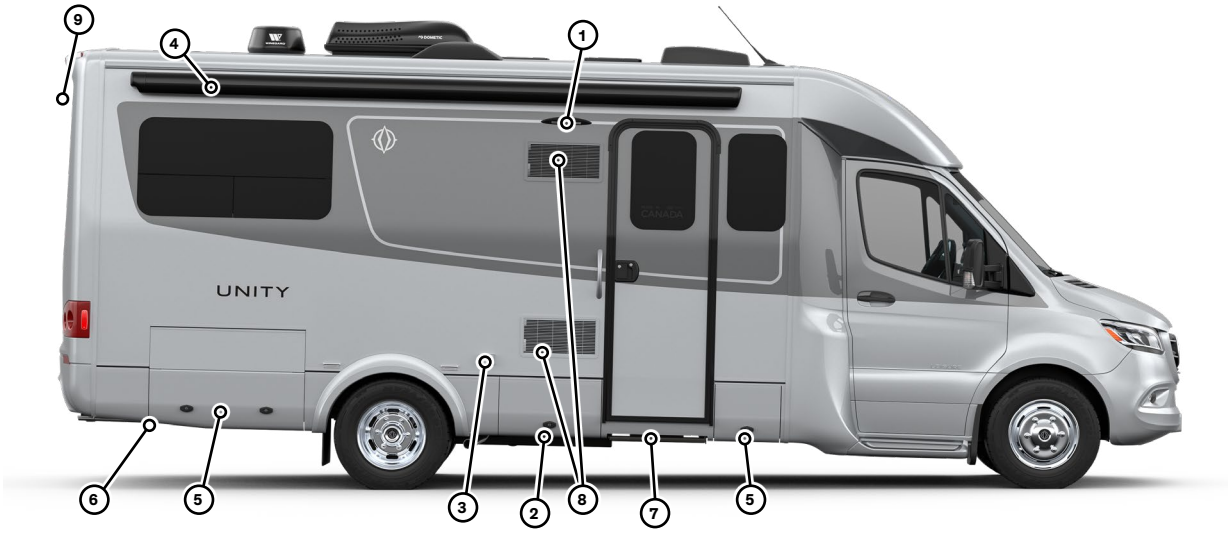


① Macerator Option Under Floor
② Sewer Hose Under Floor
③ Utility Center Under Floor
④ Egress Window
⑤ Water Pump Under Galley
⑥ Water Heater and Furnace Under Galley
⑦ Shore Power Plug
⑧ Tank Flush Non Return Valve Behind Access Cover in Wardrobe
⑨ Inverter In Compartment Under Floor
⑩ Water Tank/ Drain Under Floor
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
⑭ Generator Transfer Switch Under Dinette Seat
⑮ Surge Protector Under Dinette Seat
⑯ USB Plug on Cab Upright
⑰ Chassis Battery Under Cab Floor 100Amp Fuse Location
⑱ Chassis Batteries Under Captain Seat
⑲ 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 and Relay Under Seat
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
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 Recliner
㊹ USB Plug
㊺ Wardrobe
㊻ Murphy Bed
㊼ Water Filter in Vanity
㊽ Battery Power and Ignition Fuses under Driver Seat
㊾ Cushion Storage
㊿ Propane Tank Under Floor
(51) Plumbing Cleanout behind Bed Face
(52) Sofa
(53) Table Storage

EXTERIOR EQUIPMENT LOCATION

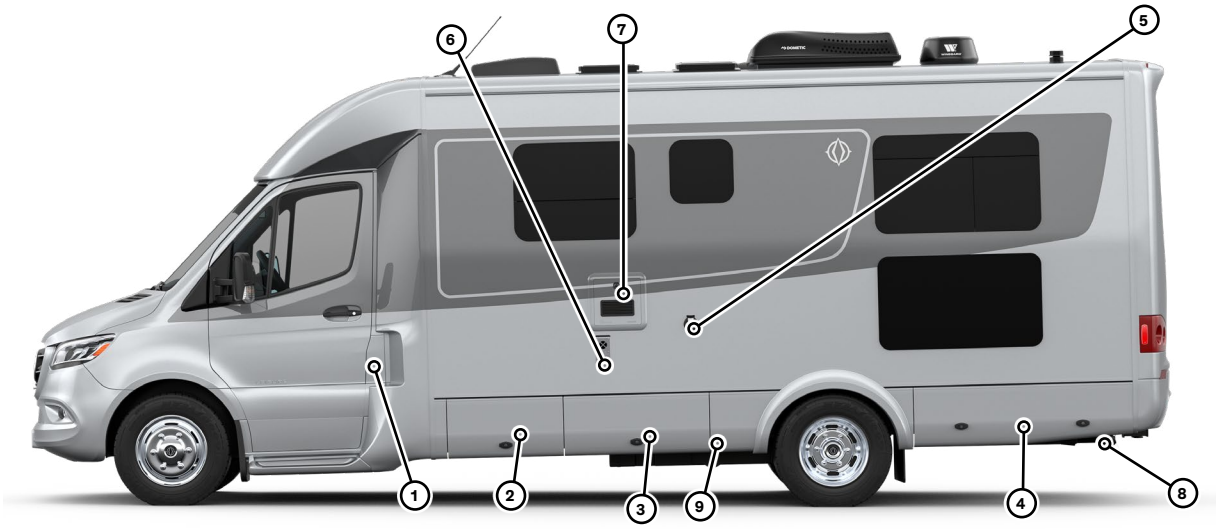
PASSENGER SIDE VIEW

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



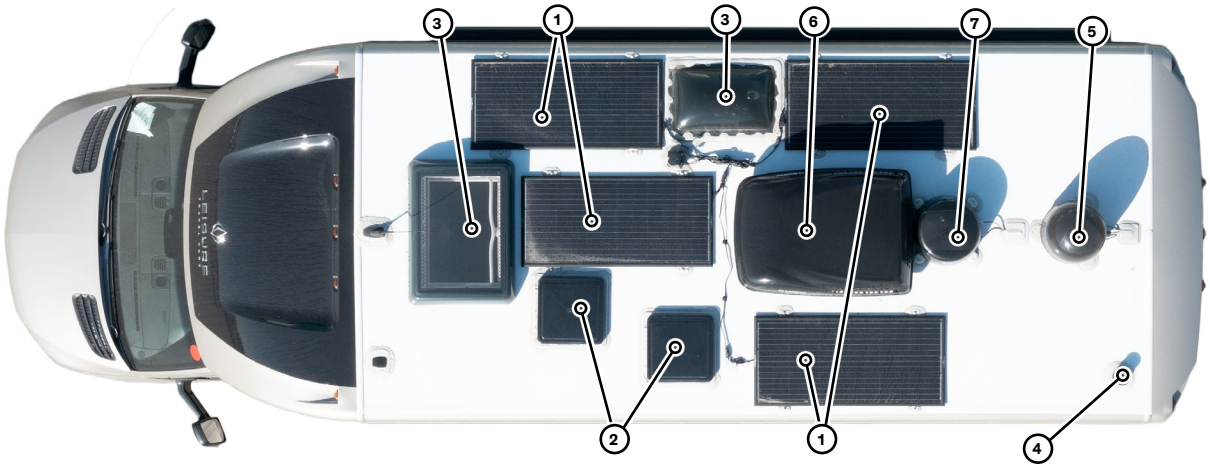
DRIVER SIDE VIEW

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



TOP VIEW

1. Solar Panels
2. Roof Vent
3. Skylight
4. Stack Vent
5. Satellite
6. A/C
7. TV/WiFi Antenna

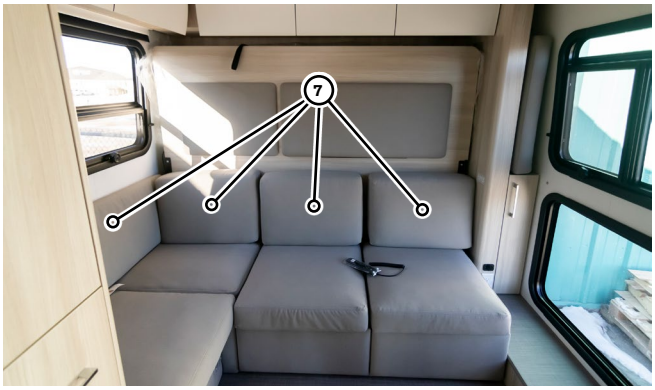


BEDS AND SEATING

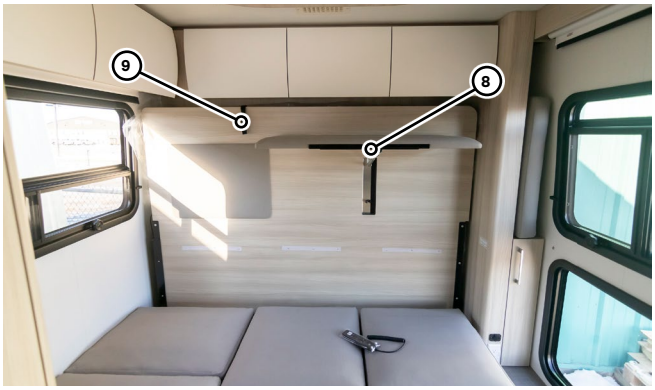
REAR LOUNGE

LOWERING THE MURPHY BED

1. Remove the back rest cushions (7) from the Rear Lounge and set aside.



2. Raise the bed support (8) up until it clicks in to place.



3. Pull the lock release strap (9) up to release the bed.
4. Slowly and carefully lower the Murphy bed. Ensure the Murphy bed locks into place once fully lowered by lifting slightly on the side of the bed. If bed is not locked, sit on corner of bed to apply additional downward pressure.



RAISING THE MURPHY BED

1. Before raising the Murphy bed, be sure to unplug and remove any devices that may be in the rear cubby.

⚠ WARNING

Failure to unplug devices could potentially result in a fire if the device overheats.

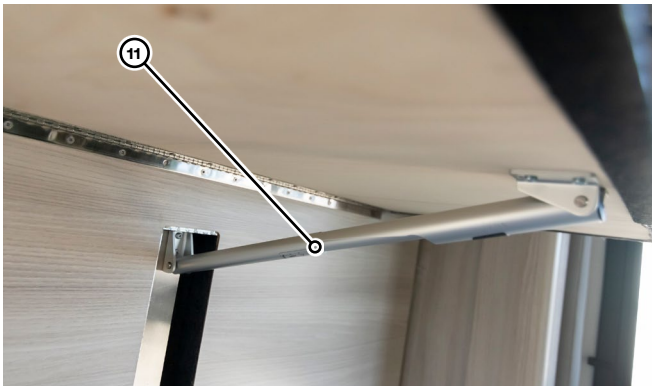
2. Pull the lock release strap (10), and slowly raise the Murphy bed



⚠ CAUTION

Failure to pull the release strap will cause damage to the Murphy Bed.

3. Once raised, ensure the Murphy bed is secured by pulling slightly on the top edge. If bed is not locked in to place, push firmly along the top edge and test again.
4. Lower the bed support by lifting slightly, and pushing upwards in the center of the support (11), and gently lowering the bed support.



5. Replace the cushions on the rear lounge.

REAR LOUNGE FOOT RESTS

To raise or lower the foot rests on the Rear Lounge, you must either be connected to shore power, or have the inverter running.

To raise or lower the foot rest, press the corresponding button on the remote (1) located between the lounge seats.



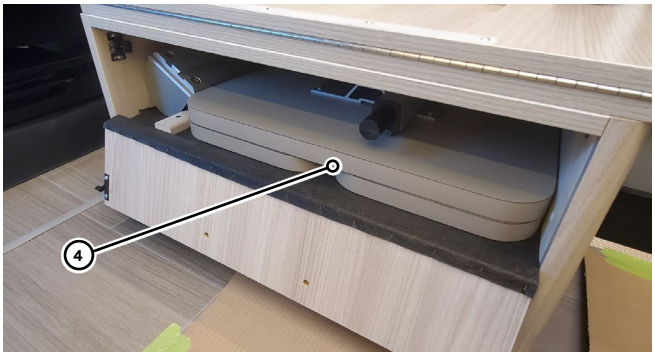
RL FRONT BED (OPTIONAL)

SETTING UP THE BASE

1. Rotate both Driver and Passenger cab seats (2) to face in to the coach.



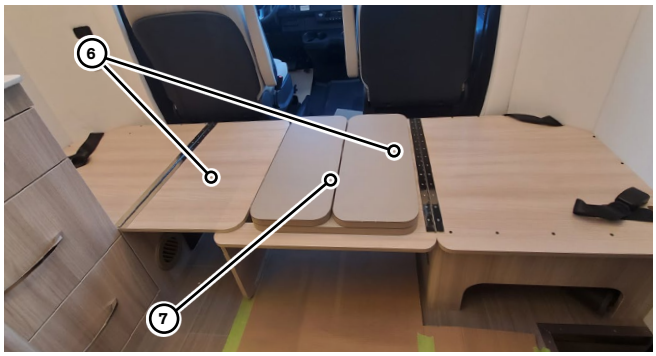
2. Remove the table top from it's storage location below the Passenger dinette (4).



3. Remove the extra cushion from it's storage in the rear of the coach (5).



4. Remove the Dinette cushions and fold out both the Passenger side and Driver side dinette bases (6).
5. Place the table top in the rectangular cutout in the passenger side dinette fold out section .(7)

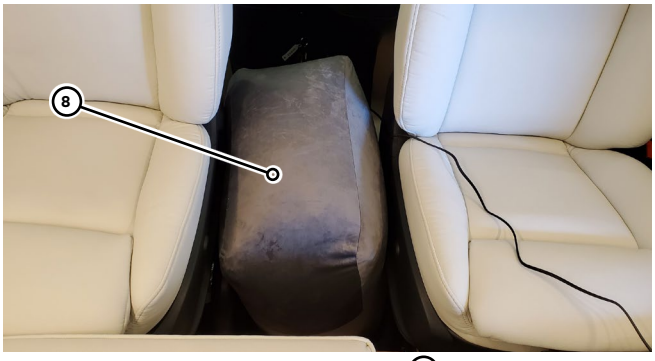


6. Place the cushion from the rear storage area on top of the table and the rest of the cushions as pictured. **NOTE:** Some of the cushions will not be used and can be set aside.

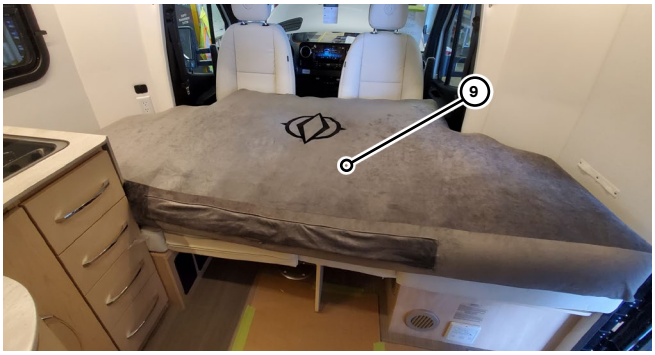


INFLATING THE AIR MATTRESS

1. Remove the air mattress and pump from the storage back
2. Inflate the small rectangular air mattress (8) with the pump and place between the driver and passenger seat.



3. Inflate the large air mattress (9) and place on the base.

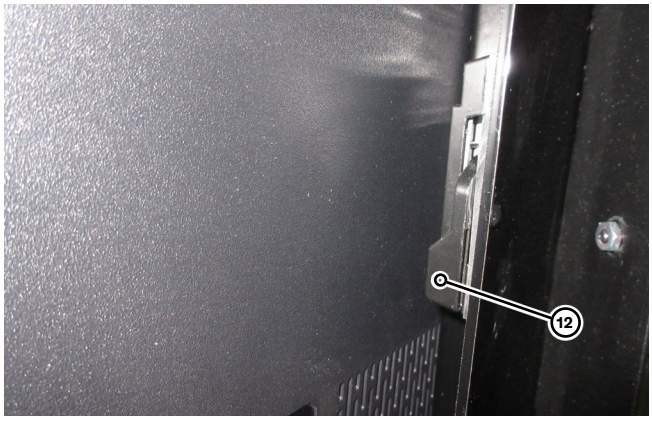


TV LOCATION

In the Unity RL, the TVs are located in the bedroom area (10), and in the front of the couch beside the entrance door (11). They are locked in position when traveling. To unlock the front TV, flip up the release latch (12) and reposition.







NOTE: It is possible to position the front TV so it can be viewed from the forward coach living area.

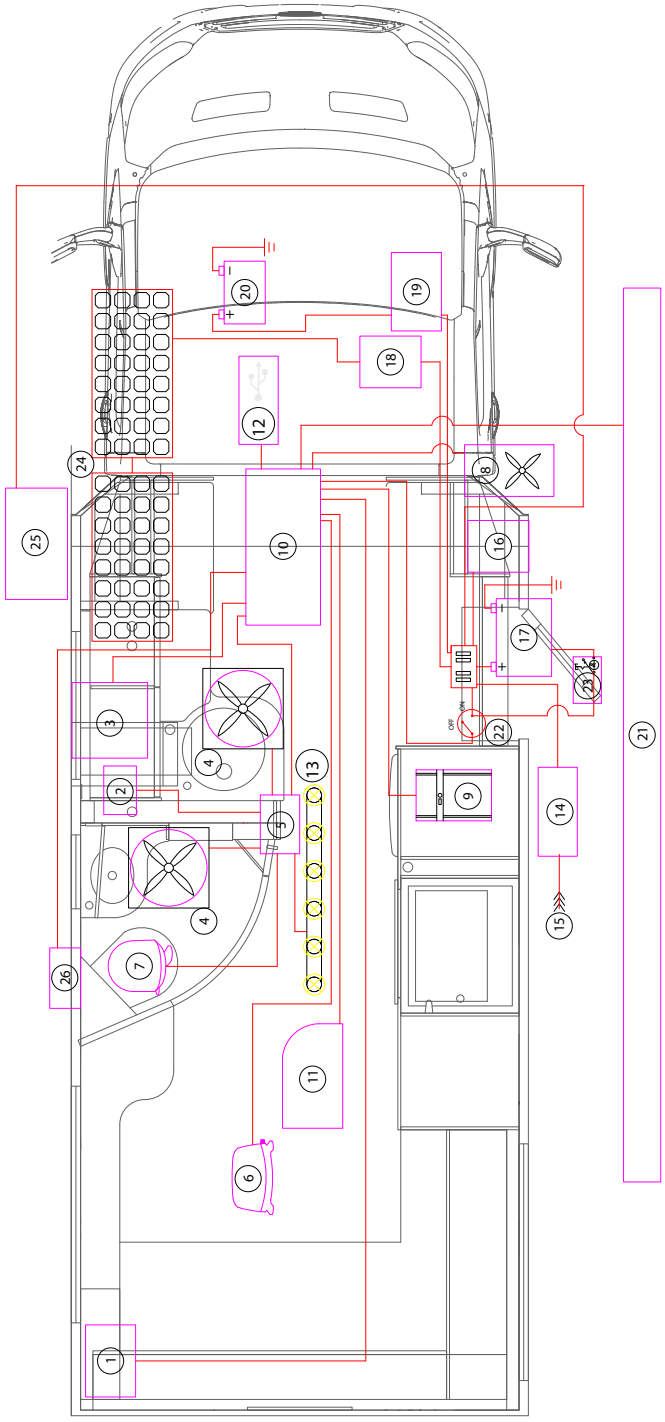
To store the TV, fold the TV back to stored position and secure with the latch.

NOTE: When traveling, ensure the TV is latched in the stored position.

3. SCHEMATICS

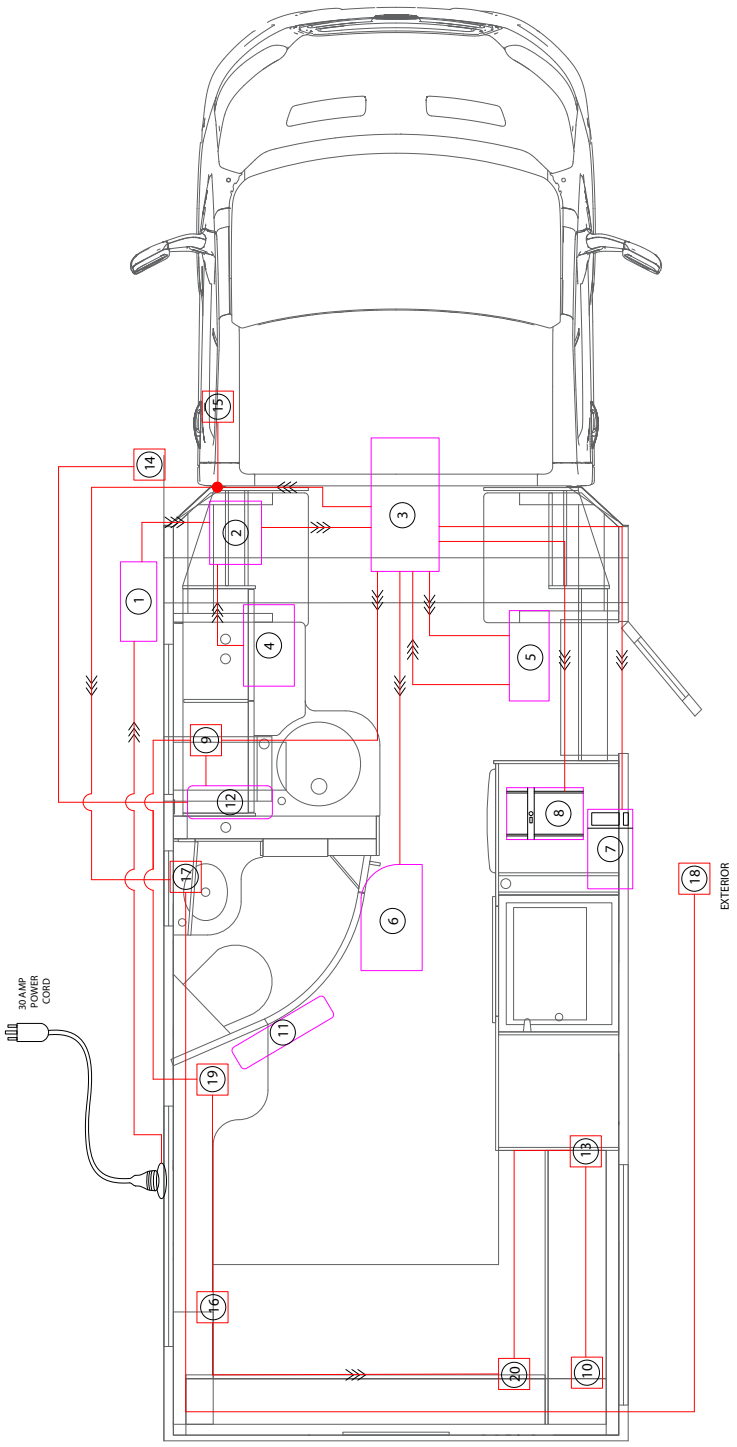
ELECTRICAL

12 VOLT ELECTRICAL REFERENCE



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 Leveling Jacks (Optional)
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

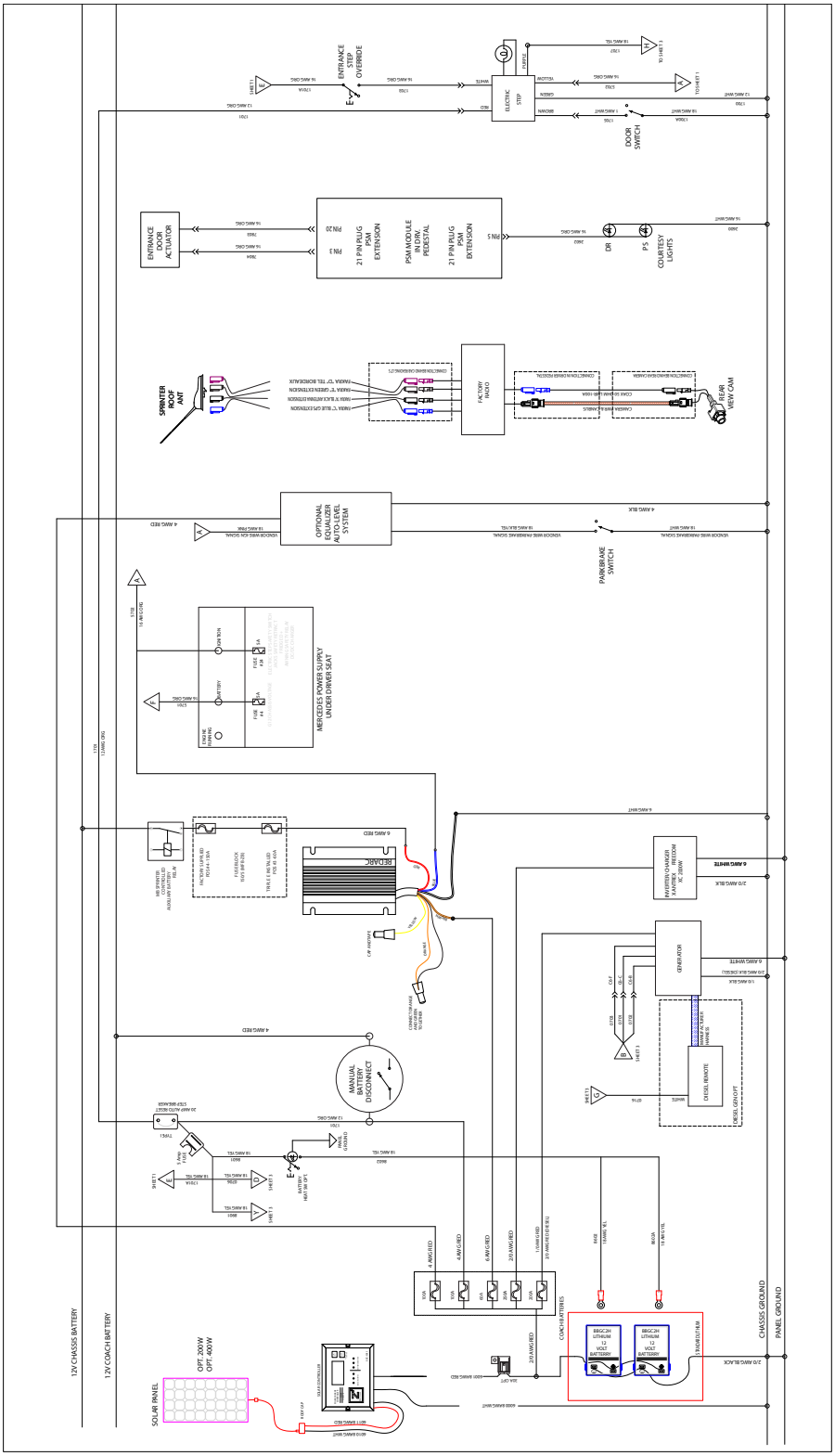


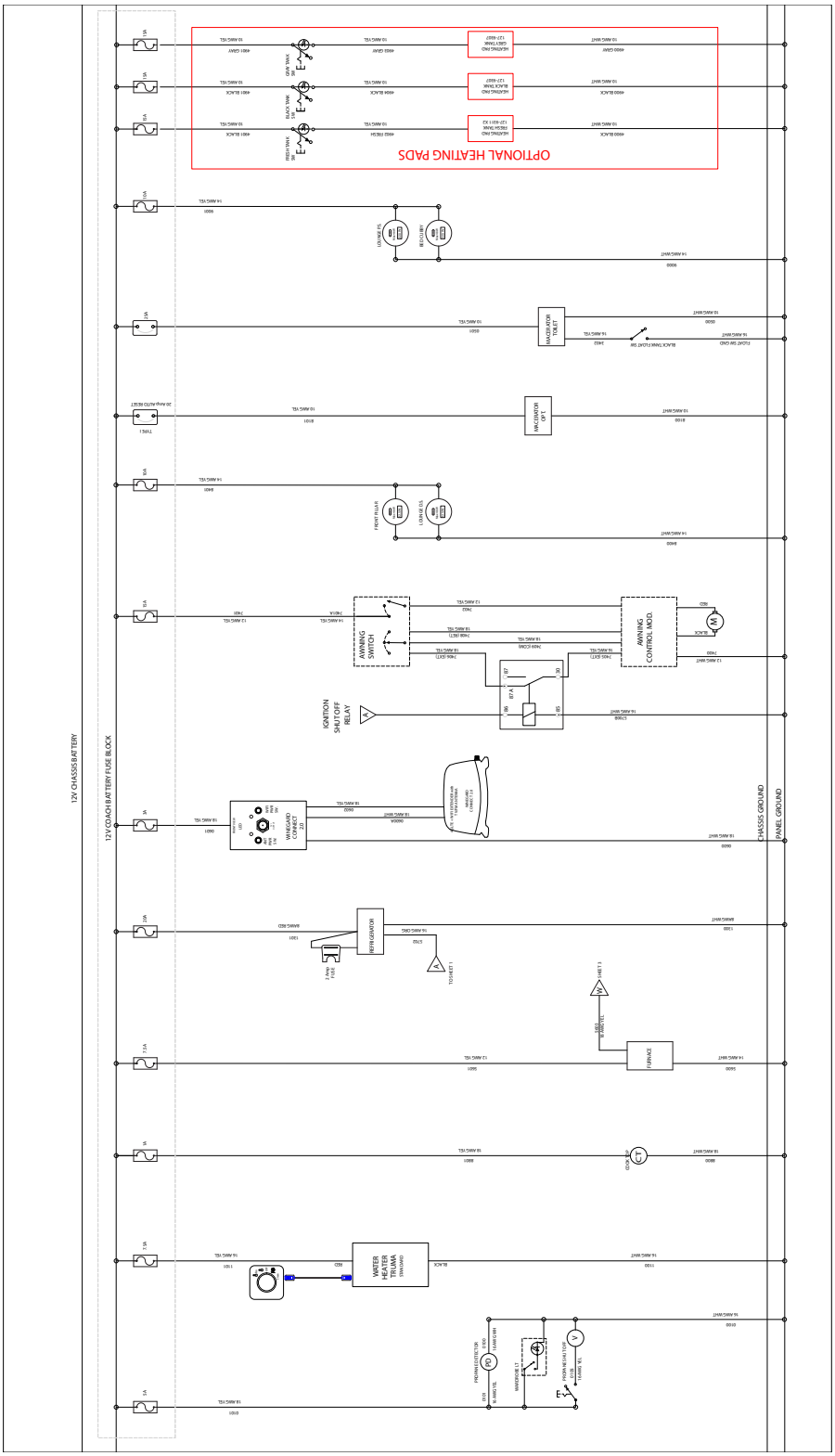
① Surge Protector
② Tranfer Switch
③ AC Distribution Panel
④ Generator
⑤ Inverter/Charger
⑥ Air Conditioner
⑦ Microwave

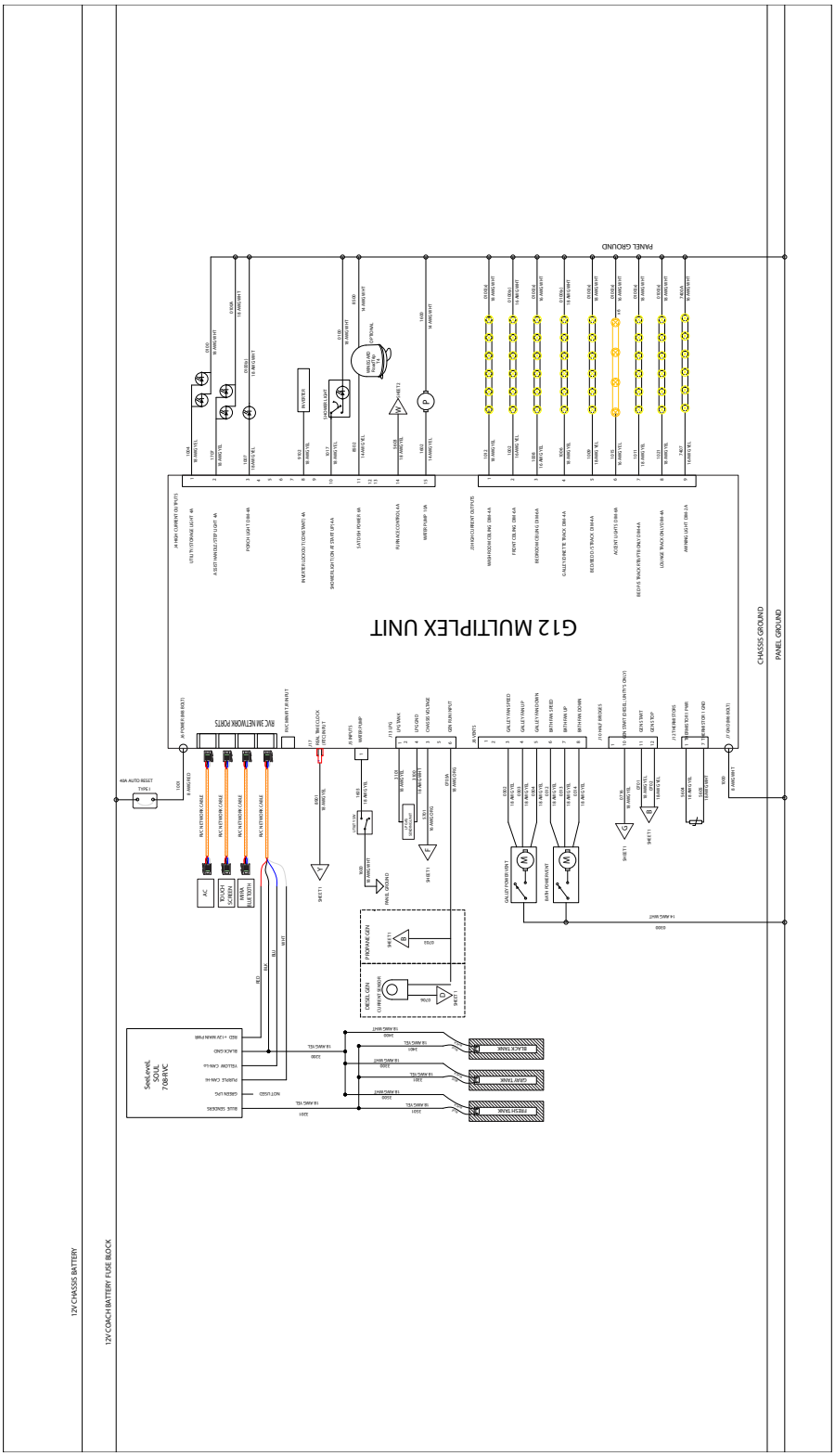
⑧ Fridge
⑨ Galley Receptacle
⑩ First Bed Receptacle
⑪ Bedroom TV
⑫ Front TV
⑬ Second Bed Receptacle
⑭ Entertainment Receptacle

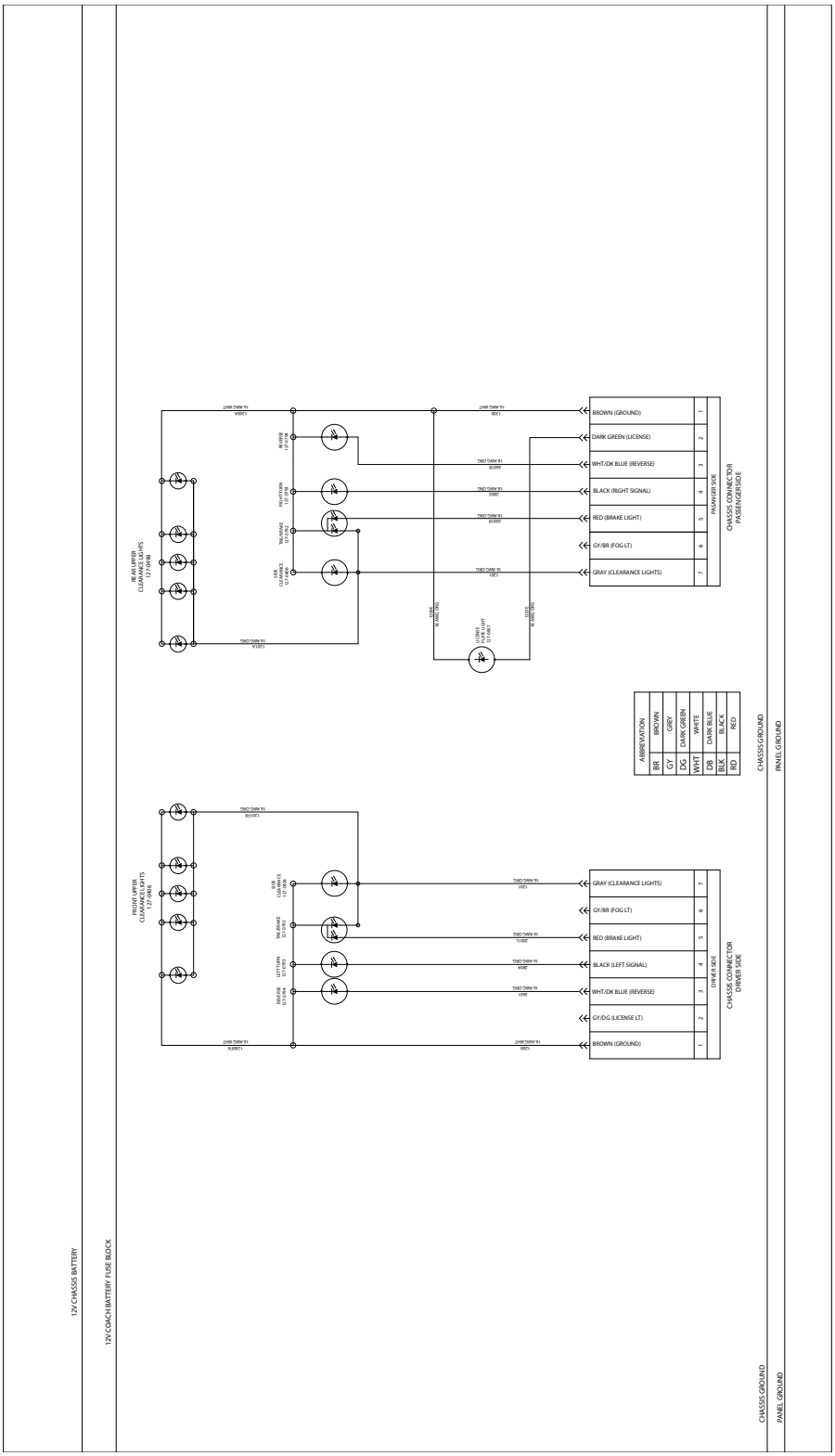
⑮ Front Pillar Receptacle
⑯ Lounge Receptacle
⑰ Washroom Receptacle
⑱ Exterior Receptacle
⑲ Bedroom TV Receptacle
⑳ Power Chairs Receptacle

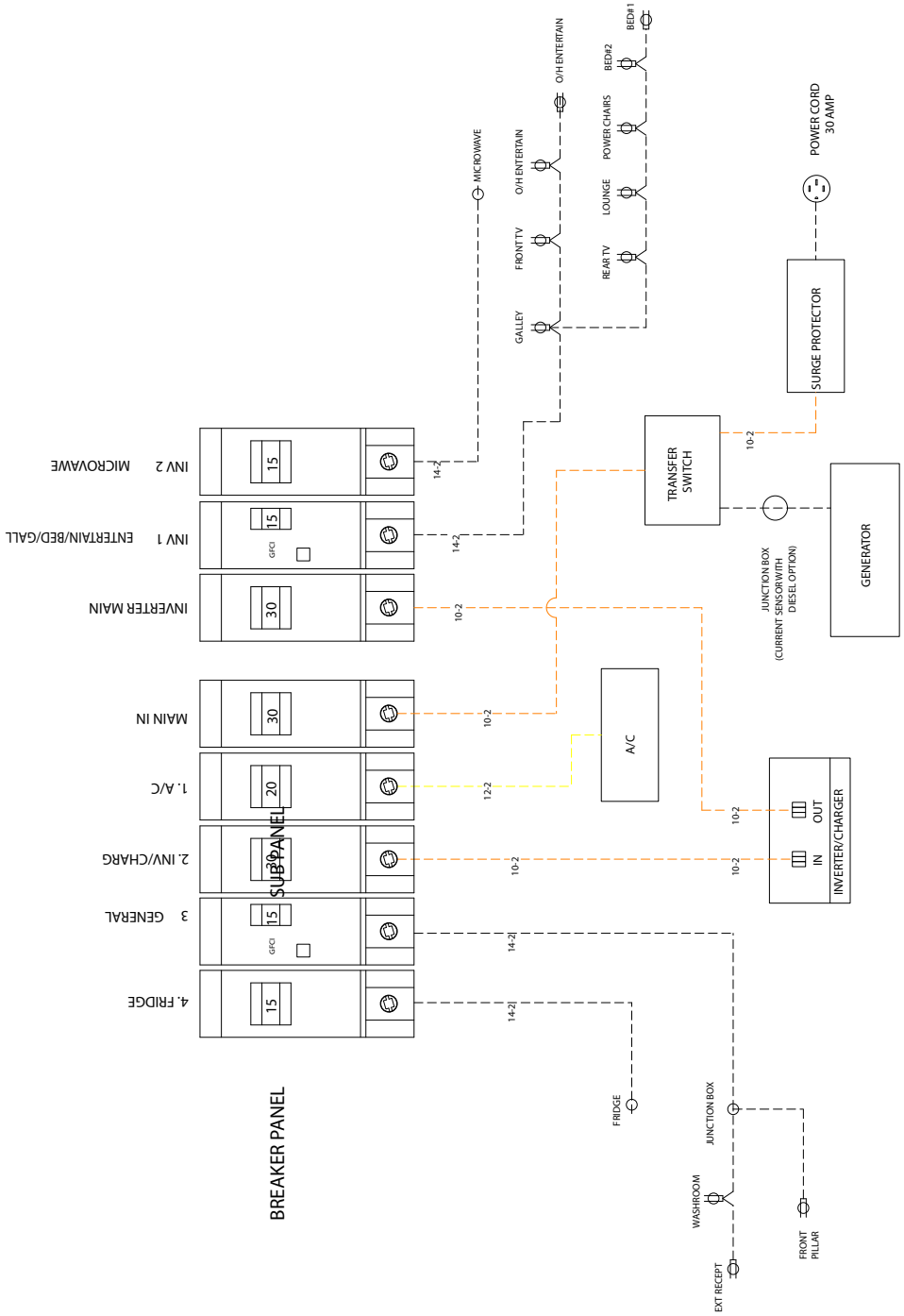
ELECTRICAL SCHEMATIC




OPTIONAL HEATING PADS
12V CHASSIS BATTERY
12V CCD ACH BATTERY FUSE BLOCK
AWNING SWITCH
AWNING CONTROL MOD.
IGNITION SHUT OFF RELAY
WATER HEATER TRUMA
FURNACE
REFRIGERATOR
CHASSIS GROUND
PANEL GROUND

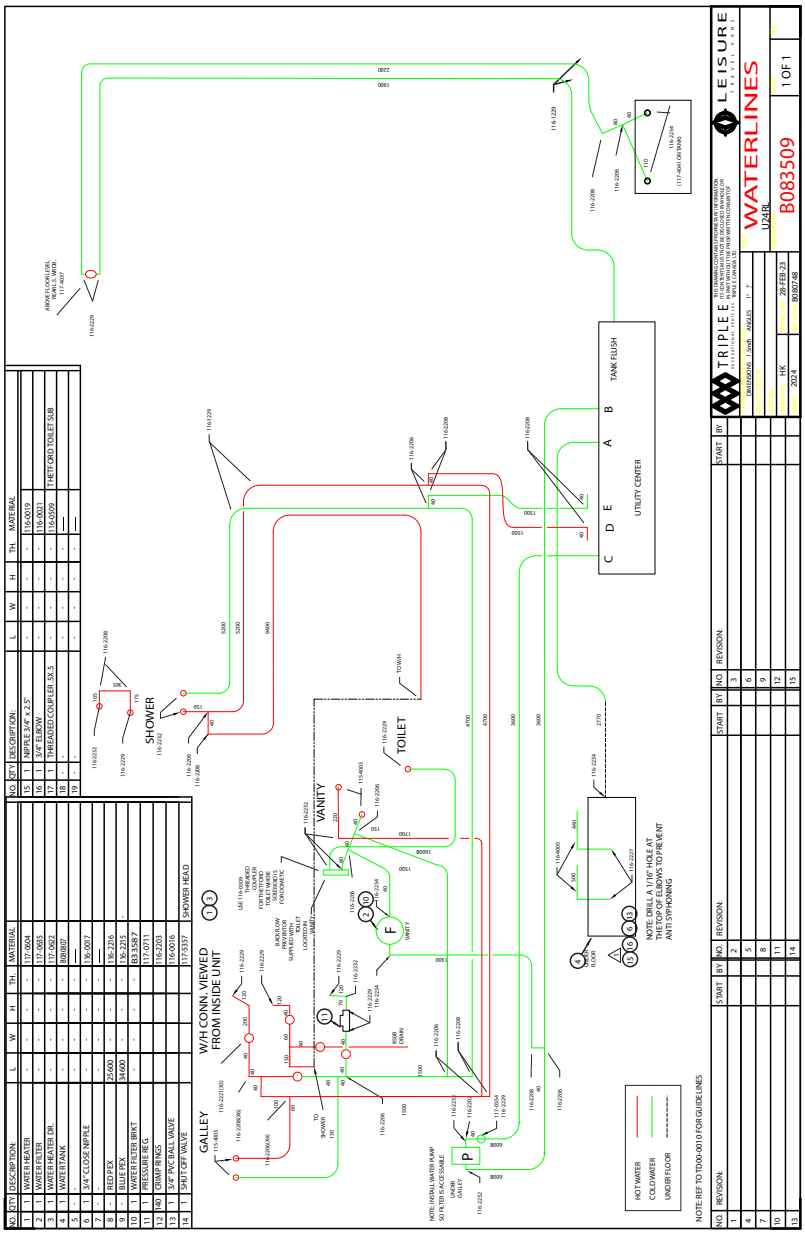

G12 MULTIPLEX UNIT
PANEL GROUND
CHASSIS GROUND
12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK


12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK
REAR UPPER CLEARANCE LIGHTS 12-1498
FRONT UPPER CLEARANCE LIGHTS 12-1496
BROWN (GROUND)
DARK GREEN (LICENSE)
WHT/DK BLUE (REVERSE)
BLACK (RIGHT SIGNAL)
RED (BRAKE LIGHT)
GY/BR (FOG LT)
GRAY (CLEARANCE LIGHTS)
PASANGER SIDE
CHASSIS CONNECTOR PASSENGER SIDE
GRAY (CLEARANCE LIGHTS)
GY/BR (FOG LT)
RED (BRAKE LIGHT)
BLACK (LEFT SIGNAL)
WHT/DK BLUE (REVERSE)
GY/DG (LICENSE LT)
BROWN (GROUND)
DRIVER SIDE
CHASSIS CONNECTOR DRIVER SIDE
ABBREVIATION
BR BROWN
GY GREY
DG DARK GREEN
WHT WHITE
DB DARK BLUE
BLK BLACK
RD RED
CHASSIS GROUND
PANEL GROUND

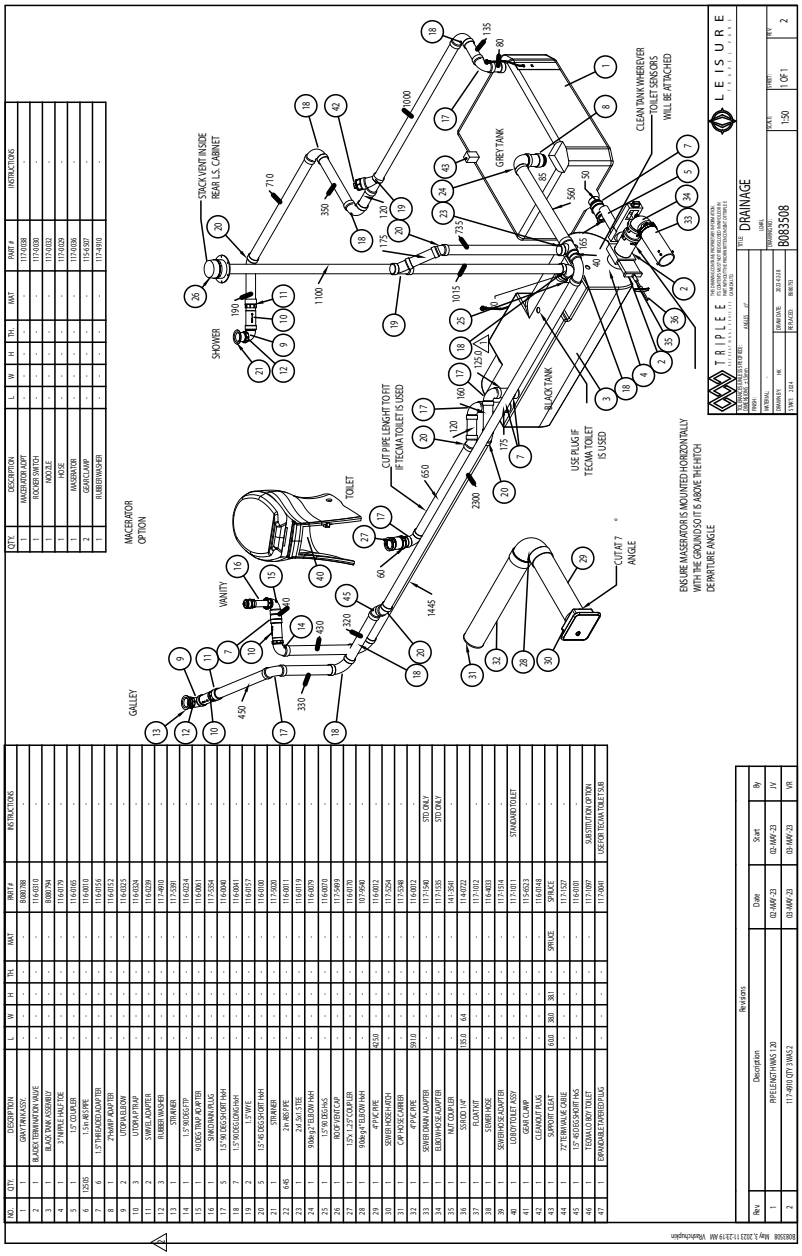

BREAKER PANEL
SUB PANEL
4. FRIDGE
15
3 GENERAL
GFCI
15
2. INV/CHARG
30
1. A/C
20
MAIN IN
30
INVERTER MAIN
30
INV 1 ENTERTAIN/BED/GALL
GFCI
15
INV 2 MICROVAVE
15
14-2
14-2
10-2
10-2
12-2
10-2
10-2
10-2
FRIDGE
JUNCTION BOX
WASHROOM
EXT RECEPT
FRONT PILLAR
A/C
INVERTER/CHARGER
IN
OUT
TRANSFER SWITCH
JUNCTION BOX (CURRENT SENSOR WITH DIESEL OPTION)
GENERATOR
SURGE PROTECTOR
POWER CORD 30 AMP
GALLEY
FRONT TV
REAR TV
O/H ENTERTAIN
LOUNGE
POWER CHAIRS
BED#2
BED#1
O/H ENTERTAIN
MICROWAVE

PLUMBING

WATER LINES SCHEMATIC



DRAIN LINE SCHEMATIC



NO.	QTY.	DESCRIPTION	L	W	H	DIA.	PART #	INSTRUCTIONS
1	1	GREY TANK ASSY	-	-	-	-	B080788	-
2	1	BLACK TERMINATOR VALVE	-	-	-	-	116-6018	-
3	1	BLACK TANK ASSEMBLY	-	-	-	-	B080794	-
4	1	3" NIPPLE HALF TEE	-	-	-	-	116-6179	-
5	1	1.5" ADAPTER	-	-	-	-	116-6165	-
6	1250	1.5in WASTE PIPE	-	-	-	-	116-6010	-
7	6	1.5" THREADED ADAPTER	-	-	-	-	116-6154	-
8	1	2"MNPT ADAPTER	-	-	-	-	116-6052	-
9	2	1.5" FEMALE TRAP	-	-	-	-	116-6064	-
10	3	1.5" FEMALE TRAP	-	-	-	-	116-6024	-
11	2	SWIVEL ADAPTER	-	-	-	-	116-6028	-
12	3	RUBBER WASHER	-	-	-	-	117-3010	-
13	1	STRAINER	-	-	-	-	117-5281	-
14	1	1.5" 90DEG FTP	-	-	-	-	116-6024	-
15	1	90DEG TRAP ADAPTER	-	-	-	-	116-6061	-
16	1	SINK DRAIN PLUG	-	-	-	-	117-5354	-
17	5	1.5" 90 DEG SHORT HxH	-	-	-	-	116-6040	-
18	2	1.5" 90 DEG SHORT HxH	-	-	-	-	116-6041	-
19	2	1.5" HOSE BARB	-	-	-	-	116-6031	-
20	5	1.5" 45 DEG SHORT HxH	-	-	-	-	116-6100	-
21	1	STRAINER	-	-	-	-	117-5020	-
22	645	2in WD PIPE	-	-	-	-	116-6011	-
23	1	24" SKI STEP	-	-	-	-	116-0119	-
24	1	90deg 2" ELBOW HxH	-	-	-	-	116-6079	-
25	1	1.5" 90 DEG HxS	-	-	-	-	116-6070	-
26	1	1ROOF VENT CAP	-	-	-	-	117-5469	-
27	1	1.5"x 1.25" COUPLER	-	-	-	-	116-6110	-
28	1	90deg 1" ELBOW HxH	-	-	-	-	102-5940	-
29	1	1" PIPE	4250	-	-	-	116-6002	-
30	1	SWIVEL ADAPTER	-	-	-	-	116-6064	-
31	1	CAP HOSE CARRIER	-	-	-	-	117-5348	-
32	1	4" PVC PIPE	89.18	-	-	-	116-6012	-
33	1	SEWER DRAIN ADAPTER	-	-	-	-	117-1540	STD ONLY
34	1	ELBOW HOSE ADAPTER	-	-	-	-	117-1535	STD ONLY
35	1	NUT COUPLER	18.01	0.61	-	-	141-5041	-
36	1	SENSOR 1/4"	-	-	-	-	114-6022	-
37	1	FLOAT KIT	-	-	-	-	117-1012	-
38	1	SEWER HOSE	-	-	-	-	114-4003	-
39	1	SEWER HOSE ADAPTER	-	-	-	-	117-1014	-
40	1	1.5 TOILET ASSY	-	-	-	-	117-1011	STANDARD TOILET
41	1	GEAR CLAMP	-	-	-	-	115-6023	-
42	1	CLEANOUT PLUG	-	-	-	-	116-6148	-
43	1	SUPPORT CLEAT	1000	380	381	SPRUCE	SPRUCE	-
44	1	2" TERMINALE CABLE	-	-	-	-	117-1527	-
45	1	1.5" 45 DEG SHORT HxS	-	-	-	-	116-6110	-
46	1	TECMA LUX BOWL TOILET	-	-	-	-	117-1097	SUBSTITUTION OPTION
47	1	DRAIN DOUBLE THREADED PLUG	-	-	-	-	117-1041	USE FOR TECMA TOILET S30

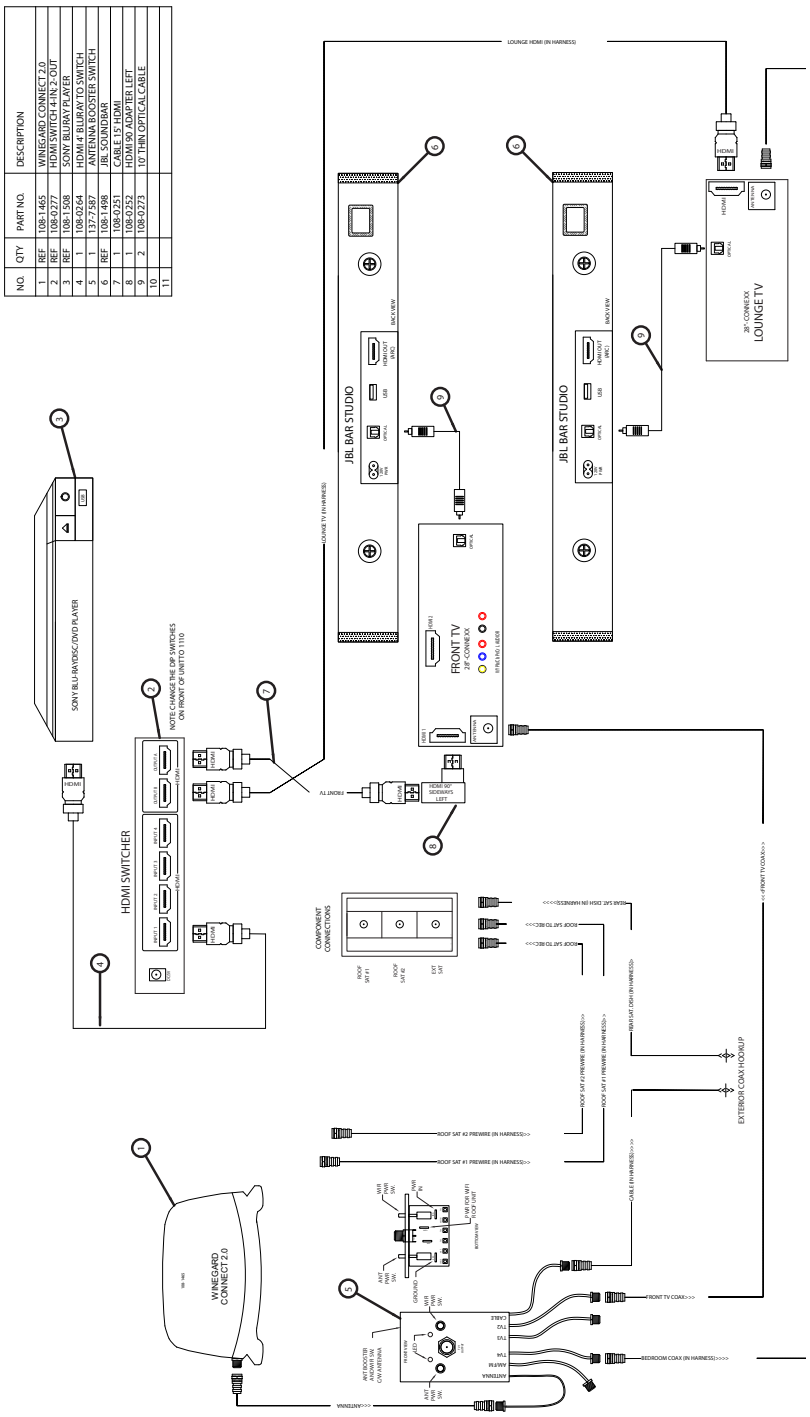
Rev	Revisions Description	Date	Start	By
1	PIPE LENGTHS NOS 1-20	02-MAY-23	02-MAY-23	JV
2	117-8010 QTY 1 WAS 2	03-MAY-23	03-MAY-23	VR

QTY.	DESCRIPTION	L	W	H	DIA.	PART #	INSTRUCTIONS
1	MACERATOR PUMP	-	-	-	-	117-6038	-
1	ROCKER SWITCH	-	-	-	-	117-6030	-
1	NOZZLE	-	-	-	-	117-6032	-
1	HOSE	-	-	-	-	117-6029	-
1	MACERATOR	-	-	-	-	117-6036	-
2	GEAR CLAMP	-	-	-	-	115-6307	-
1	RUBBER WASHER	-	-	-	-	117-4010	-

B083508 May 3, 2023 11:23:19 AM VSketchupItem

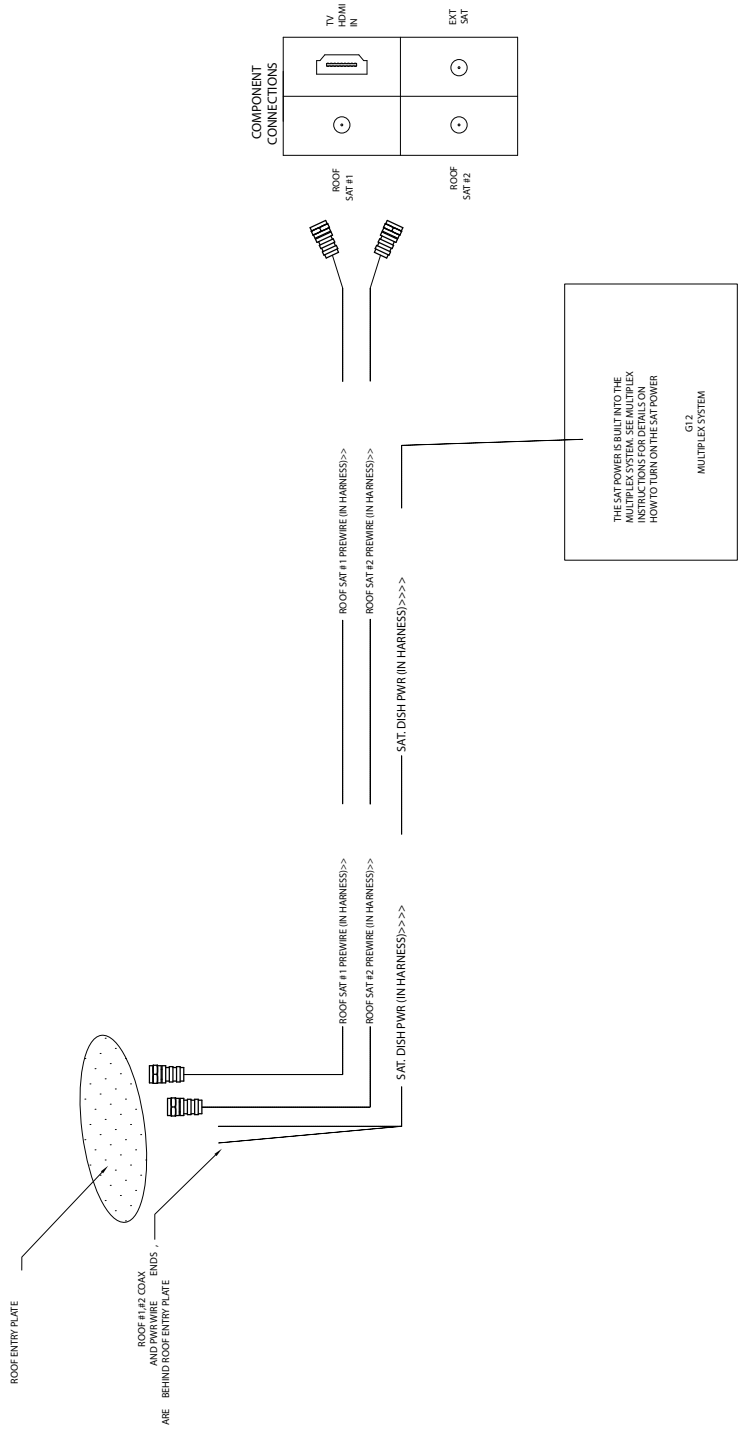
ENTERTAINMENT

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	REF	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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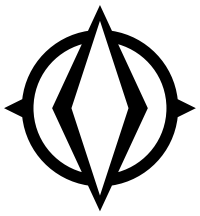

LEISURE

TRAVEL VANS

LTV Roadside Assistance

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Addison, TX 75001

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1•877•219•3831





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