# UNITY | ISLAND BED

2022 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.

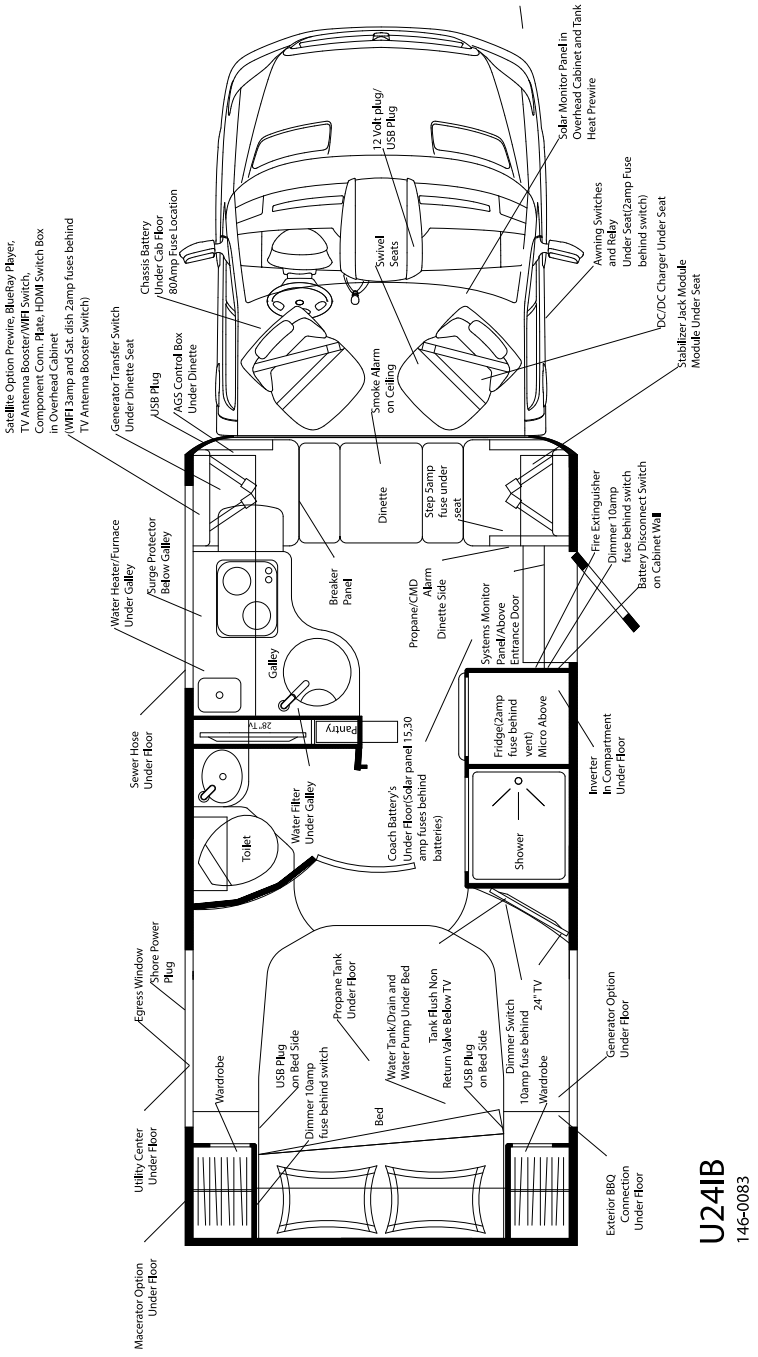
NHTSA will investigate the concern if there are a number of similar complaints. NHTSA has the authority to order a recall and repair campaign depending on the nature and severity of the problem.

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 1-613-993-9851 or write to Transport Canada and Road Safety, 2780 Sheffield Road, Ottawa, Ontario K1B 3V9.

# 2. GENERAL INFORMATION

## FLOOR PLAN

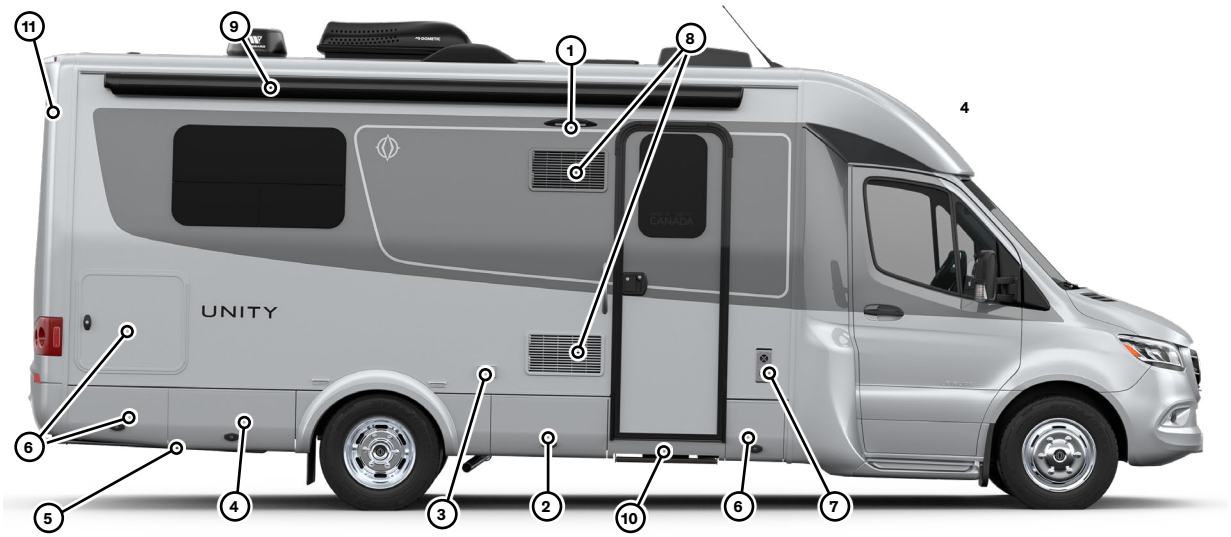



U24IB
146-0083

# EXTERIOR EQUIPMENT LOCATION

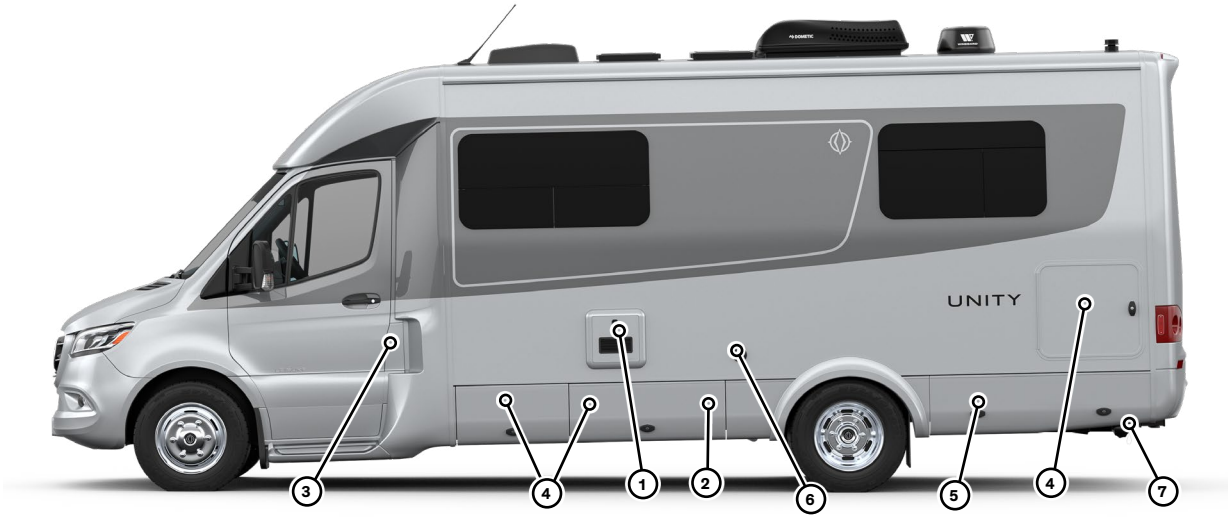
## PASSENGER SIDE VIEW

1. Light
2. Inverter and Storage Compartment
3. External Receptacle
4. Generator Compartment
5. BBQ Hook-Up
6. Storage Compartment
7. Furnace Exhaust
8. Refrigerator Vents
9. Awning
10. Entrance Step
11. Ladder Option



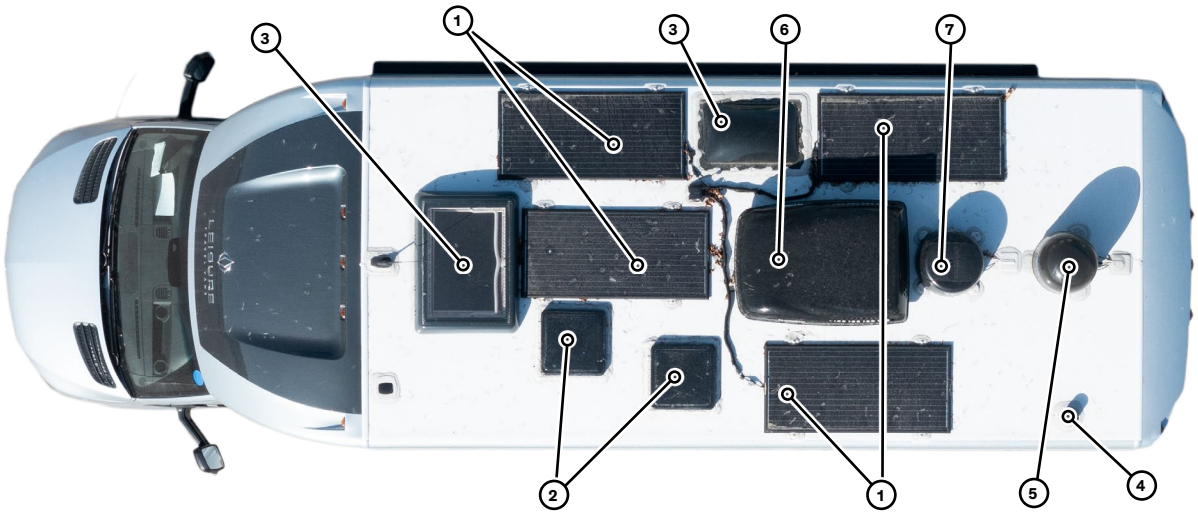

## DRIVER SIDE VIEW

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



## 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

### INSTALLING THE REMOVABLE TABLE ASSEMBLY

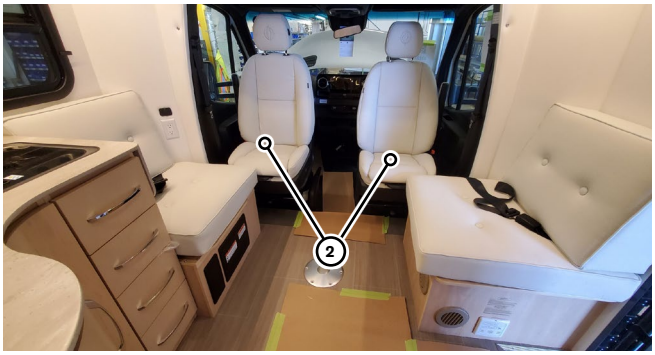
1. Locate the table leg and table top stored in the bedroom cabinet/bed base.
2. Engage the table leg into the floor plate ⑨ and install the table top onto the leg.



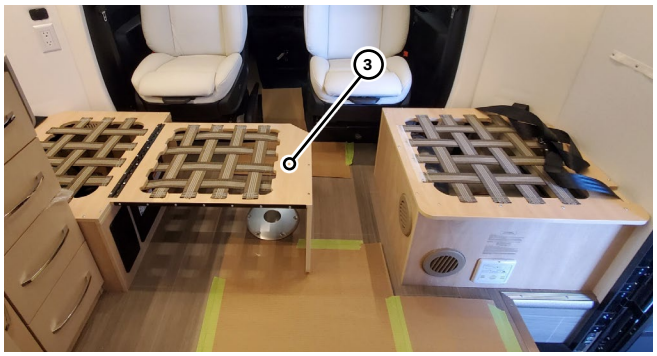

# FRONT BED (OPTIONAL)

### SETTING UP THE BASE FOR THE UNITY IB/TB:

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




2. Remove the Dinette cushions and fold out the Driver Side dinette base ③.

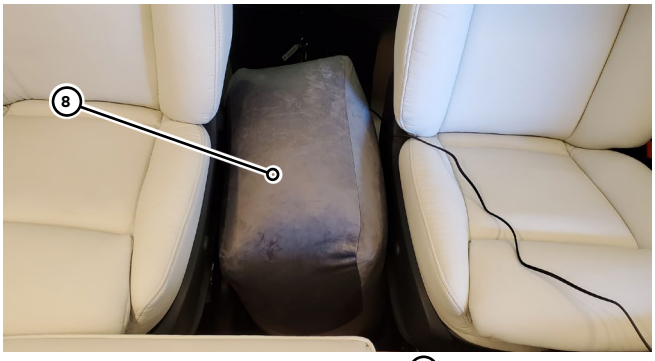



3. Place the cushion removed in step 1 as pictured. **NOTE:** Some of the cushions will not be used and can be set aside.

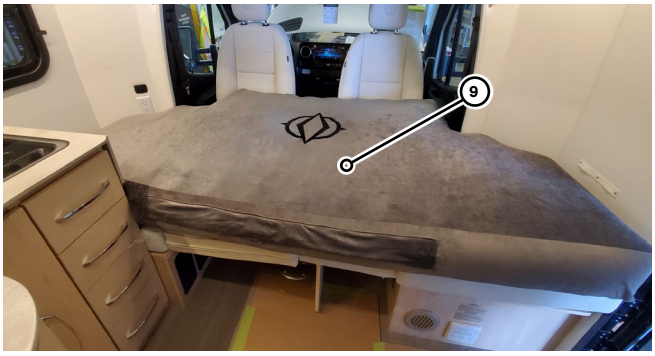


**INFLATING THE AIR MATTRESS**

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.



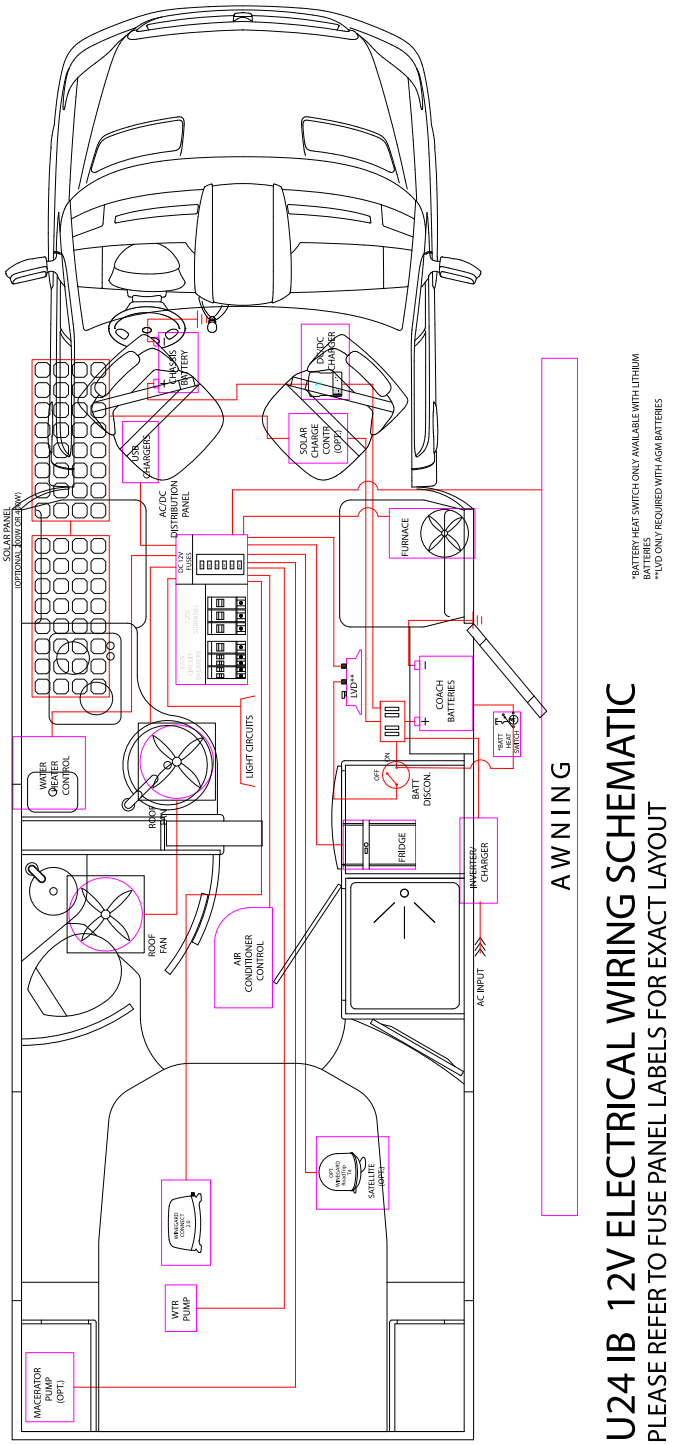

3. Inflate the large air mattress (9) and place on the base.



# 3. SCHEMATICS

## ELECTRICAL

### 12 VOLT ELECTRICAL REFERENCE

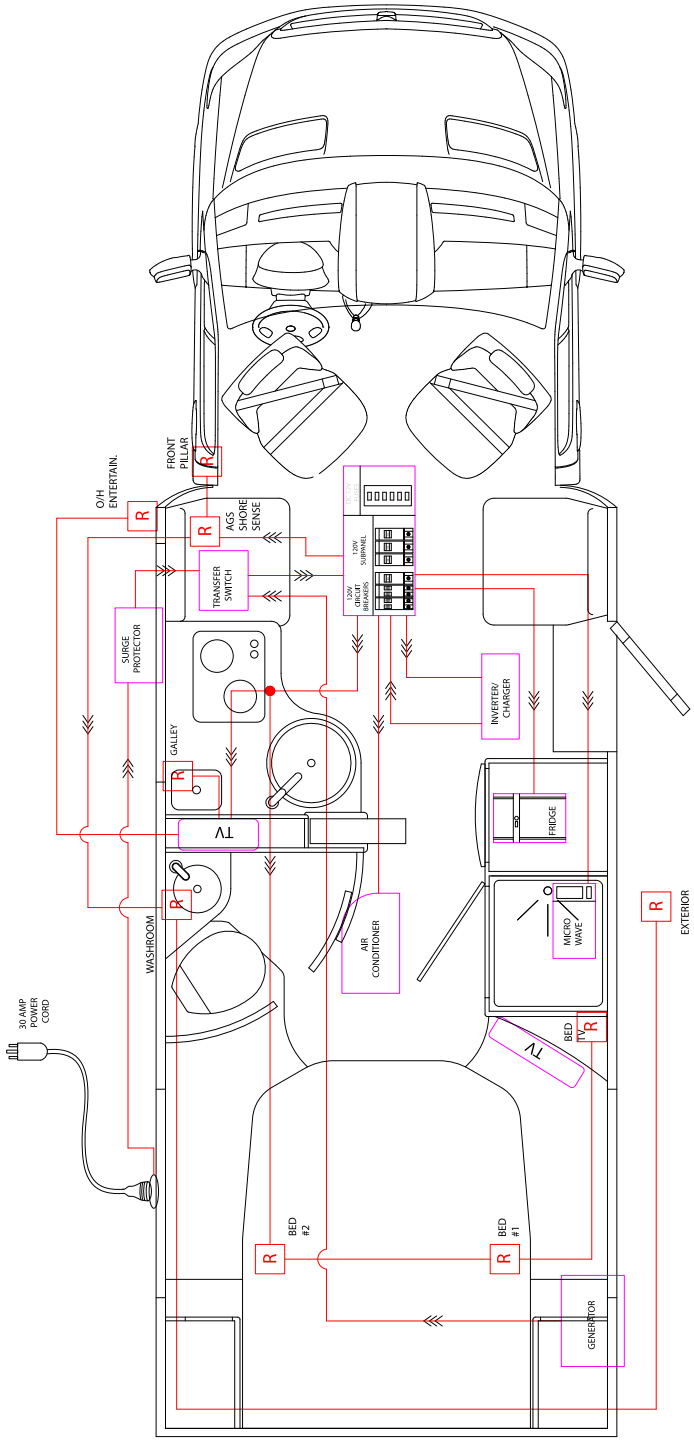



U24 IB 12V ELECTRICAL WIRING SCHEMATIC

PLEASE REFER TO FUSE PANEL LABELS FOR EXACT LAYOUT

*BATTERY HEAT SWITCH ONLY AVAILABLE WITH LITHIUM BATTERIES
**LVD ONLY REQUIRED WITH AGM BATTERIES

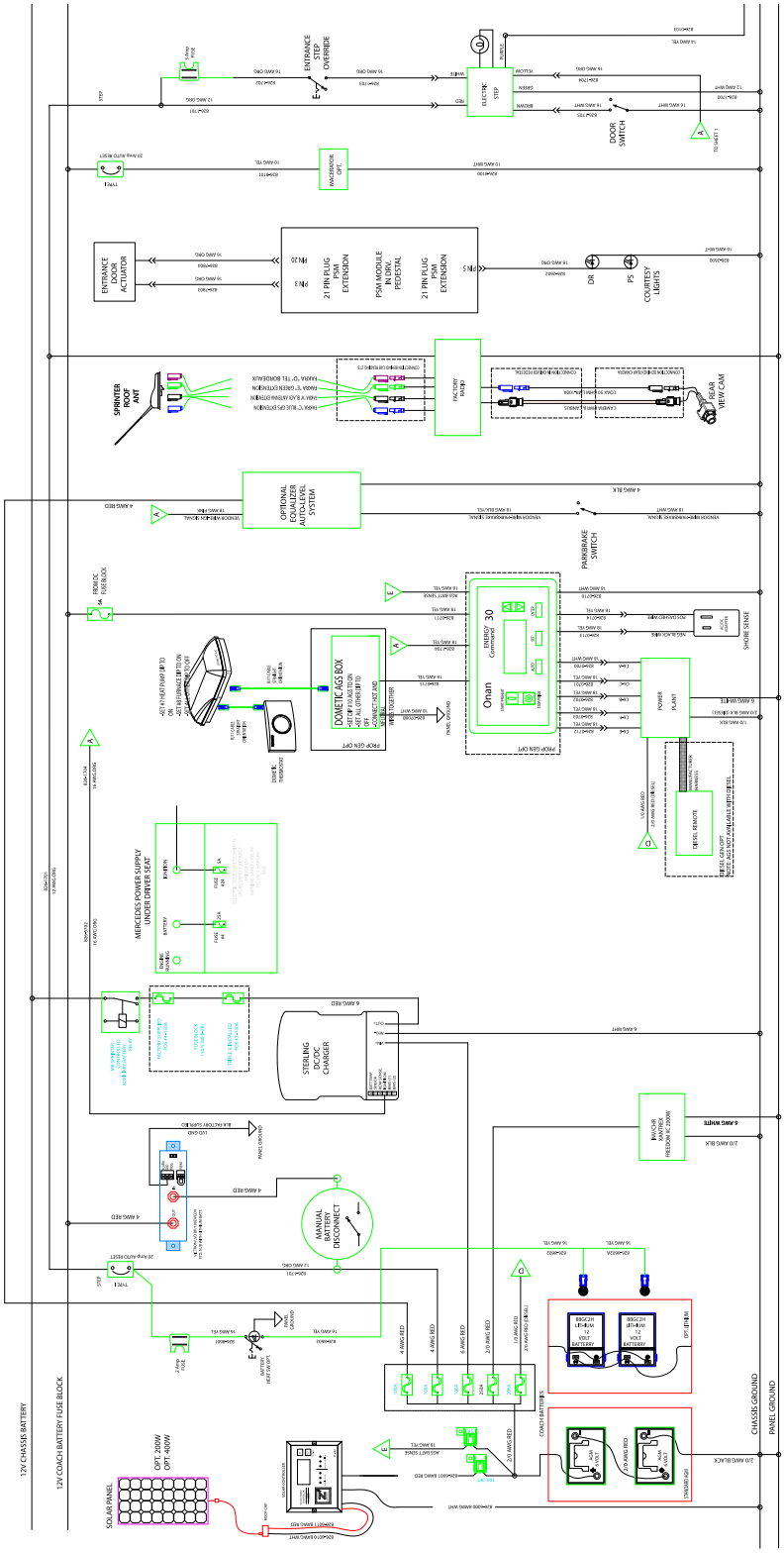
# 120 VOLT ELECTRICAL REFERENCE

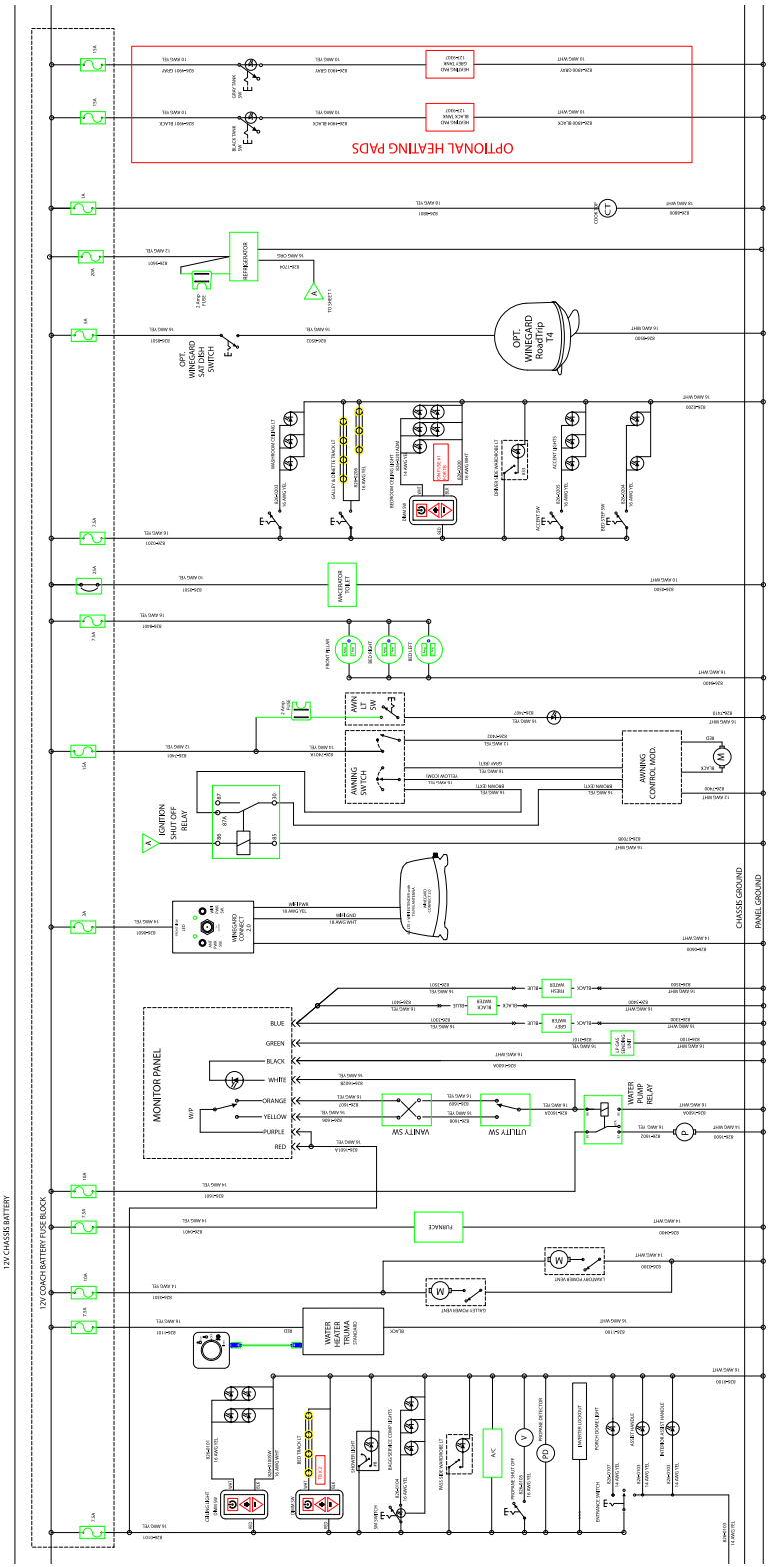


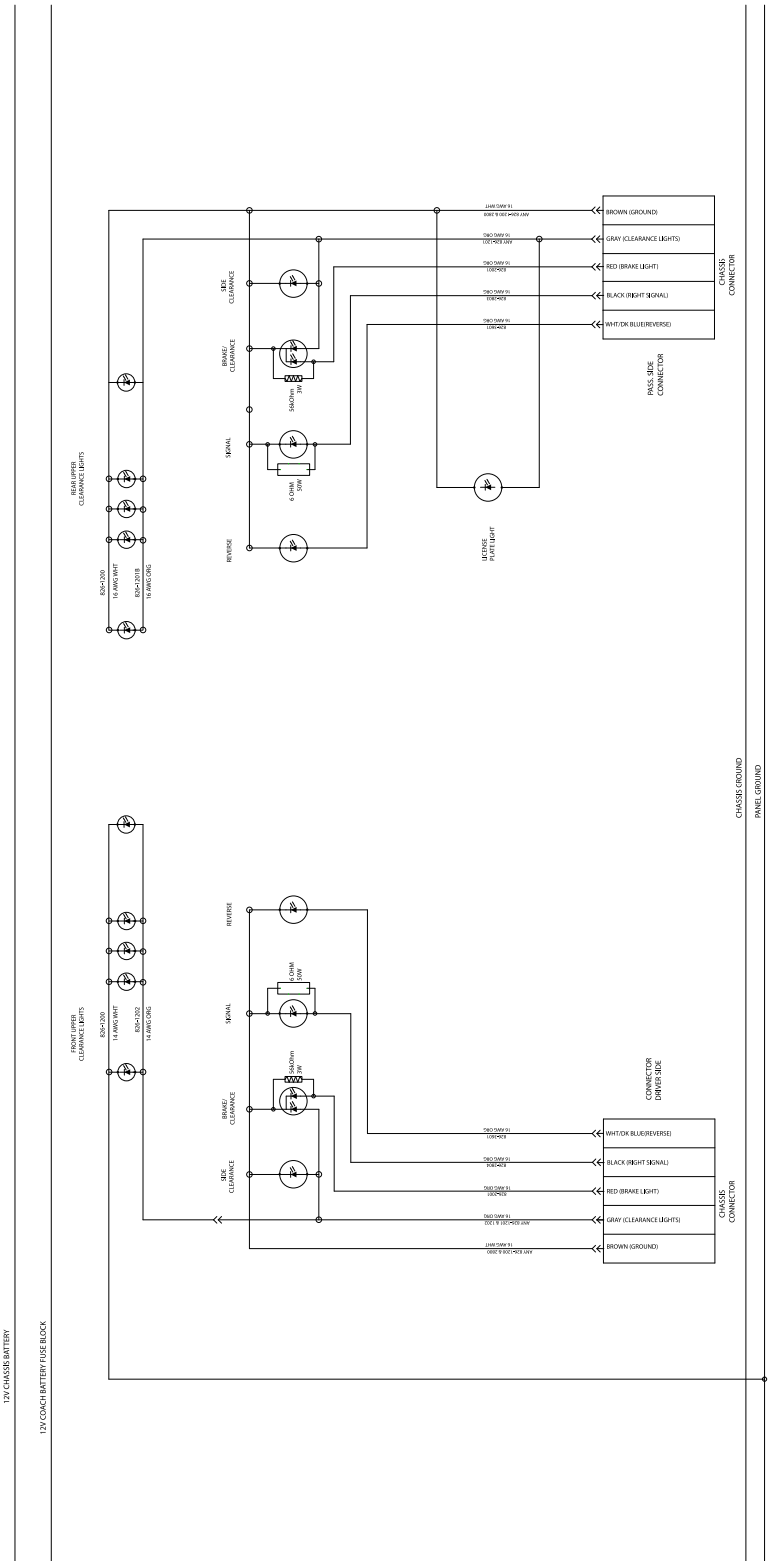

U24IB 30 AMP 120V ELECTRICAL WIRING SCHEMATIC

PLEASE REFER TO BREAKER PANEL LABELS FOR EXACT LAYOUT

# ELECTRICAL SCHEMATIC

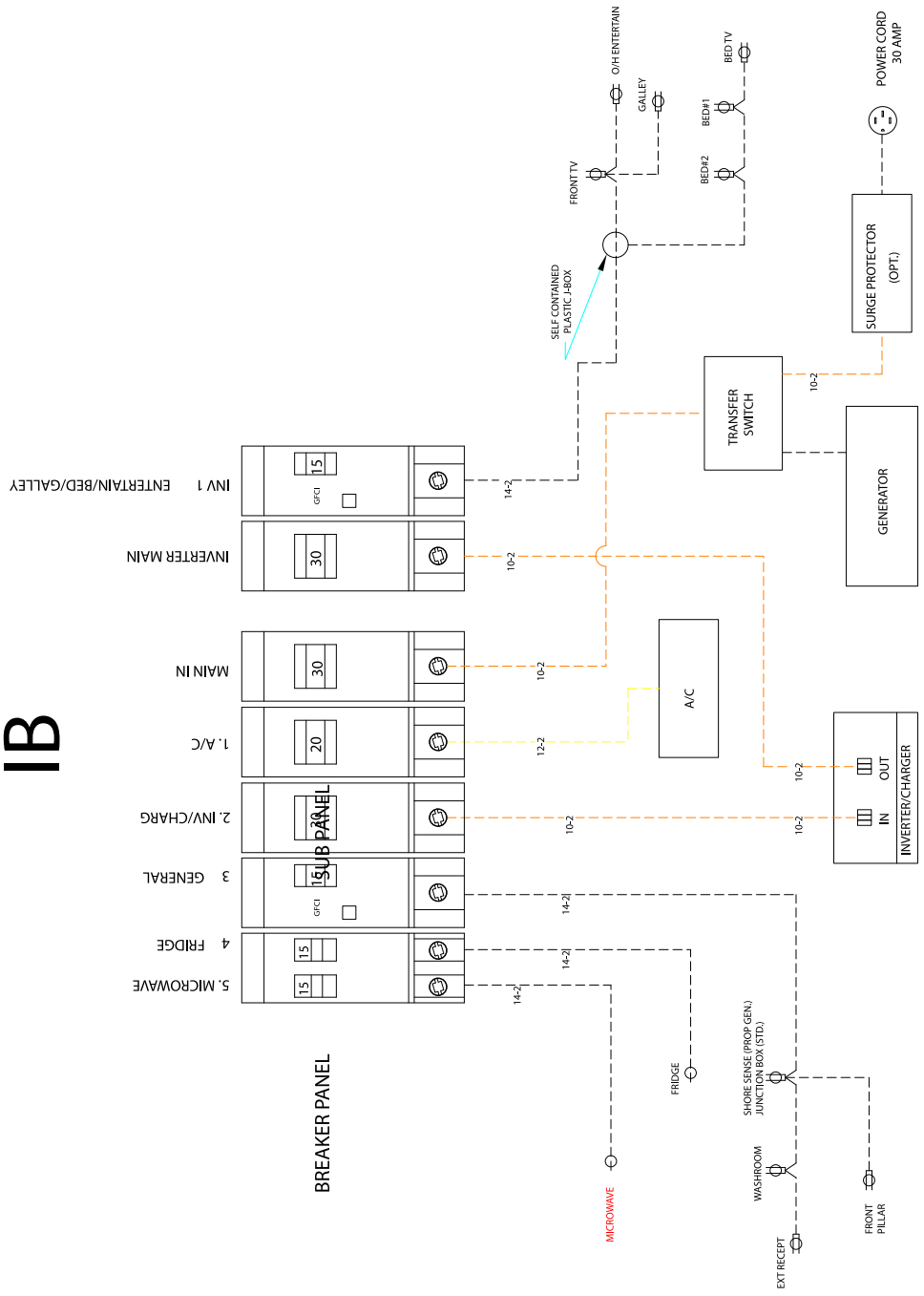



OPTIONAL HEATING PADS
OPT. WINEGARD SAT DISH SWITCH
OPT. WINEGARD RoadTrip T4
REFRIGERATOR
AWNING SWITCH
AWNING CONTROL MOD.
IGNITION SHUT OFF RELAY
WINEGARD CONNECT
MONITOR PANEL
BLUE
GREEN
BLACK
WHITE
ORANGE
YELLOW
PURPLE
RED
VANITY SW
UTILITY SW
WATER PUMP RELAY
WATER HEATER TRUMA SPARKING
CHASSIS GROUND
PANEL GROUND
12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK


12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK
CHASSIS GROUND
PANEL GROUND
REAR UPPER CLEARANCE LIGHTS
FRONT UPPER CLEARANCE LIGHTS
SIDE CLEARANCE
BRAKE/ CLEARANCE
SIGNAL
REVERSE
5640hm 3W
6 OHM 50W
LICENSE PLATE LIGHT
PASS. SIDE CONNECTOR
DRIVER SIDE CONNECTOR
CHASSIS CONNECTOR
BROWN (GROUND)
GRAY (CLEARANCE LIGHTS)
RED (BRAKE LIGHT)
BLACK (RIGHT SIGNAL)
WHT/DK BLUE(REVERSE)

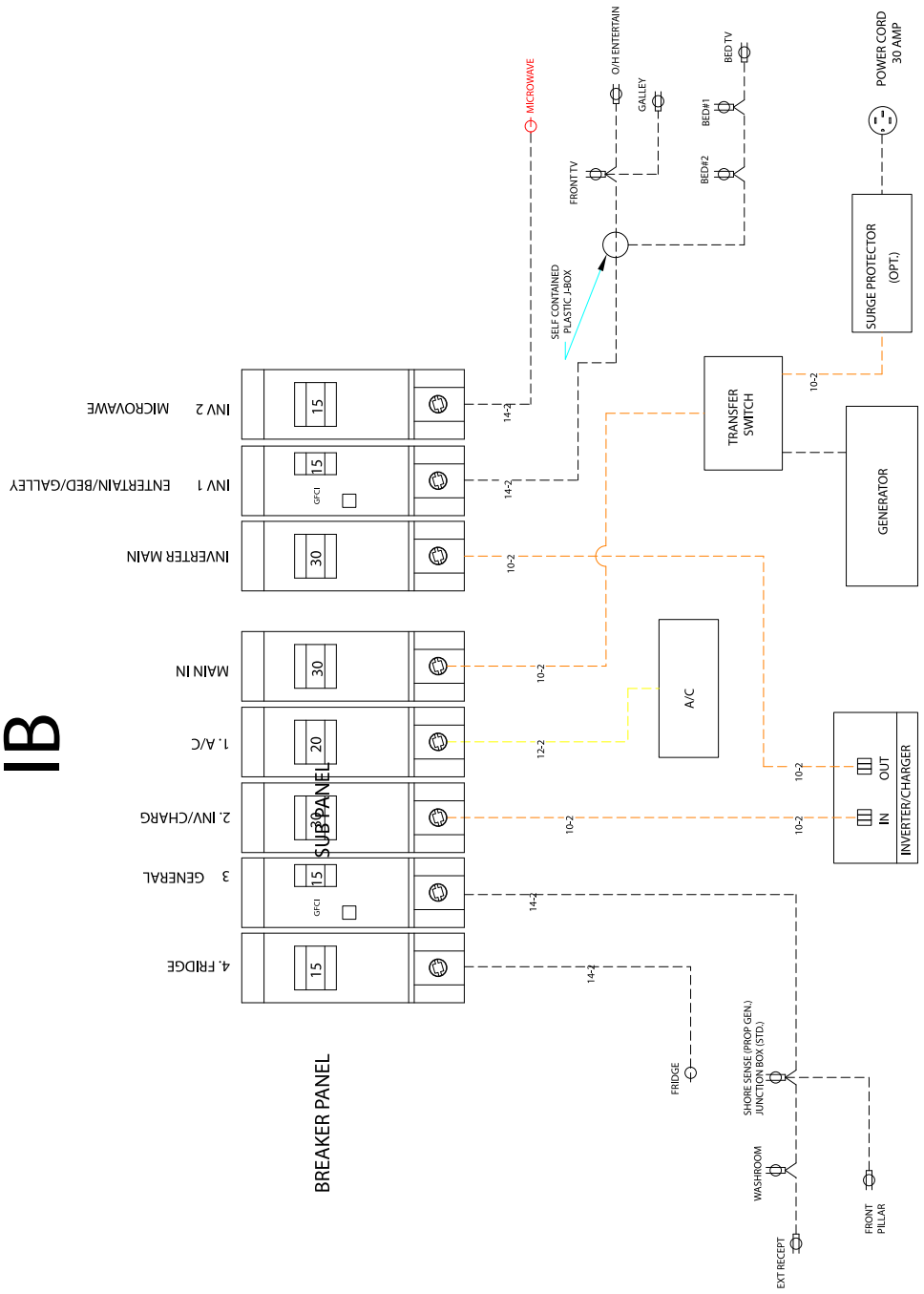
STANDARD AGM BATTERY LAYOUT

1B



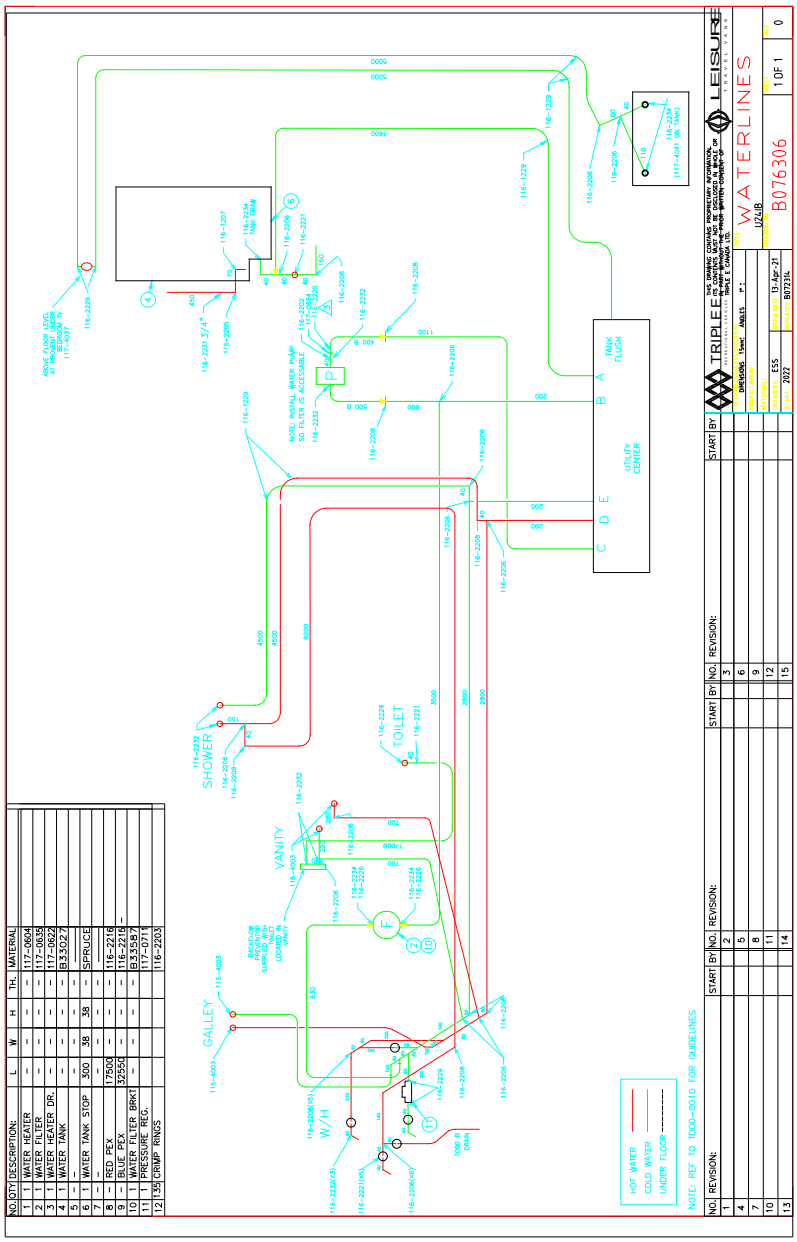
LITHIUM BATTERY OPTION LAYOUT

IB

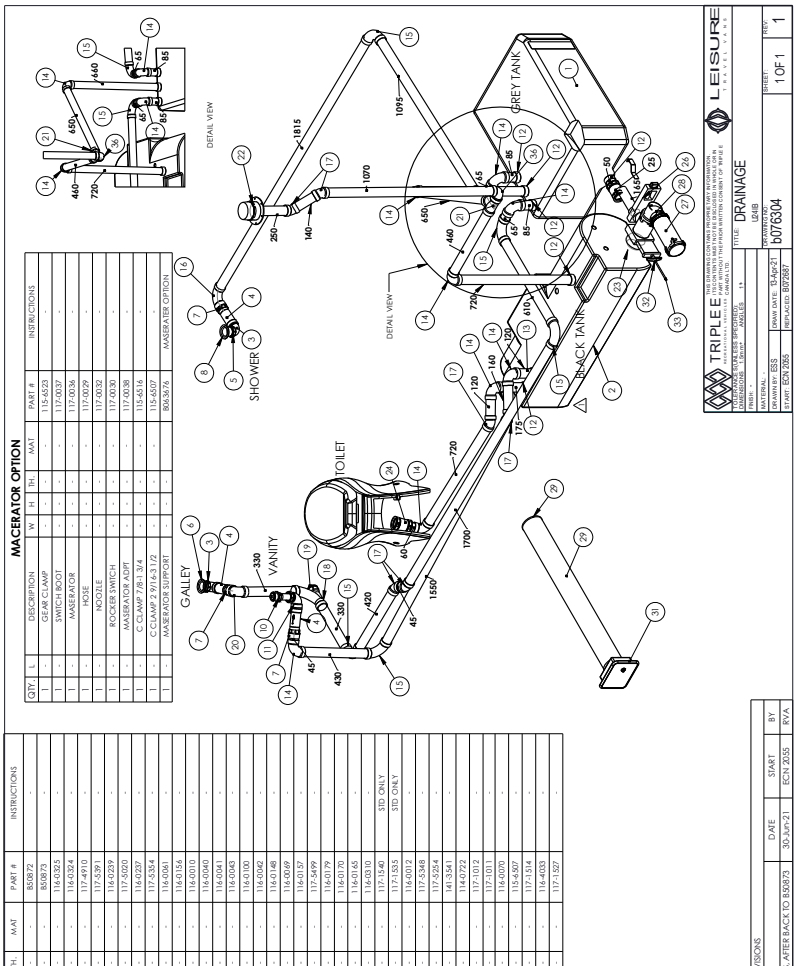


# PLUMBING

## WATER LINES SCHEMATIC



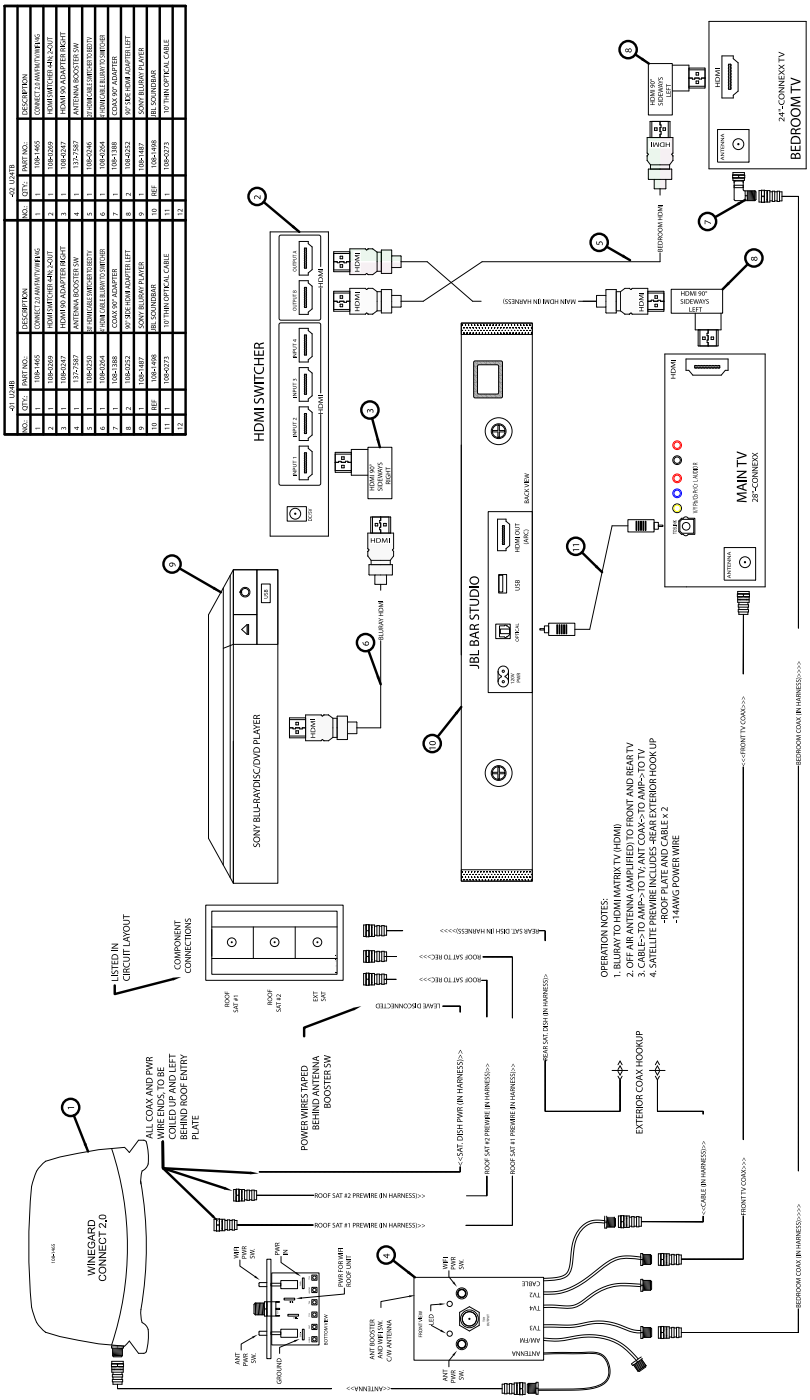
# DRAIN LINE SCHEMATIC




| NO | Default QTY. | DESCRIPTION | L | W | H | TH. | MAT | PART # | INSTRUCTIONS |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | TANK | - | - | - | - | - | 850872 | - |
| 2 | 1 | TANK | - | - | - | - | - | 850873 | - |
| 3 | 2 | UTOPIA ELBOW | - | - | - | - | - | 116-0325 | - |
| 4 | 3 | UTOPIA P TRAP | - | - | - | - | - | 116-0324 | - |
| 5 | 2 | RUBBER WASHER | - | - | - | - | - | 117-4910 | - |
| 6 | 1 | STRAINER | - | - | - | - | - | 117-5391 | - |
| 7 | 3 | SWIVEL ADAPTER | - | - | - | - | - | 116-0239 | - |
| 8 | 1 | STRAINER | - | - | - | - | - | 117-5100 | - |
| 9 | 1 | 1.5 ABS ADAPTER | - | - | - | - | - | 116-0207 | - |
| 10 | 1 | SINK DRAIN PLUG | - | - | - | - | - | 117-5354 | - |
| 11 | 1 | 90 DEG TRAP ADAPTER | - | - | - | - | - | 116-0061 | - |
| 12 | 7 | 1.5" THREADED ADAPTER | - | - | - | - | - | 116-0156 | - |
| 13 | 14700 | 1.5" PVC PIPE | 85 | - | - | - | - | 116-0010 | - |
| 14 | 8 | 1.5" 90 DEG SHORT HH | - | - | - | - | - | 116-0041 | - |
| 15 | 6 | 1.5" 90 DEG LONG HH | - | - | - | - | - | 116-0044 | - |
| 16 | 1 | 90deg HxS Elbow MPD | - | - | - | - | - | 116-0043 | - |
| 17 | 6 | 1.5" 45 DEG SHORT HH | - | - | - | - | - | 116-0100 | - |
| 18 | 1 | 1.5" WYE | - | - | - | - | - | 116-0042 | - |
| 19 | 1 | CLEANOUT PLUG | - | - | - | - | - | 116-0148 | - |
| 20 | 1 | 1.5" 90 DEG SHORT HxS | - | - | - | - | - | 116-0069 | - |
| 21 | 1 | 1.5" WYE | - | - | - | - | - | 116-0157 | - |
| 22 | 1 | ROOF VENT CAP | - | - | - | - | - | 117-5499 | - |
| 23 | 1 | 3" NIPPLE HALF FOE | - | - | - | - | - | 116-0179 | - |
| 24 | 1 | 1.5" x 1.25" COUPLER | - | - | - | - | - | 116-0170 | - |
| 25 | 1 | 1.5" COUPLER | - | - | - | - | - | 116-0165 | - |
| 26 | 1 | BLADEX TERMINATION VALVE | - | - | - | - | - | 116-0310 | - |
| 27 | 1 | SWER DRAIN ADAPTER | - | - | - | - | - | 117-1540 | STD ONLY |
| 28 | 1 | ELBOW HOSE ADAPTER | - | - | - | - | - | 117-1535 | STD ONLY |
| 29 | 1 | 4" PVC PIPE | 101.6 | - | - | - | - | 116-0012 | - |
| 30 | 1 | CAP HOSE CARRIER | - | - | - | - | - | 117-5348 | - |
| 31 | 1 | SEWER HOSE HATCH | - | - | - | - | - | 117-5224 | - |
| 32 | 1 | NUT COUPLER | - | - | - | - | - | 141-3541 | - |
| 33 | 1 | 33 ROD 1/4" | 135 | 6.4 | - | - | - | 114-0722 | - |
| 34 | 1 | FLOAT KIT | - | - | - | - | - | 117-1012 | - |
| 35 | 1 | LO BOY TOILET ASSY | - | - | - | - | - | 117-1011 | - |
| 36 | 1 | 1.5" 90 DEG HxS | - | - | - | - | - | 116-0070 | - |
| 37 | 1 | C CLAMP 2 7/16-3 1/2 | - | - | - | - | - | 115-6507 | - |
| 38 | 1 | SEWER HOSE ADAPTER | - | - | - | - | - | 117-1514 | - |
| 39 | 1 | SEWER HOSE | - | - | - | - | - | 116-4003 | - |
| 40 | 1 | CABLE 72in | - | - | - | - | - | 117-1527 | - |

| REV. | DESCRIPTION | DATE | START | BY |
|---|---|---|---|---|
| | REVISIONS | | | |
| 1 | AS PER ECN 2055 BLACK TANK B077181 FOR 24 UNITS, AFTER BACK TO B93873 | 30-Jun-21 | ECN 2055 | RVA |

# ENTERTAINMENT

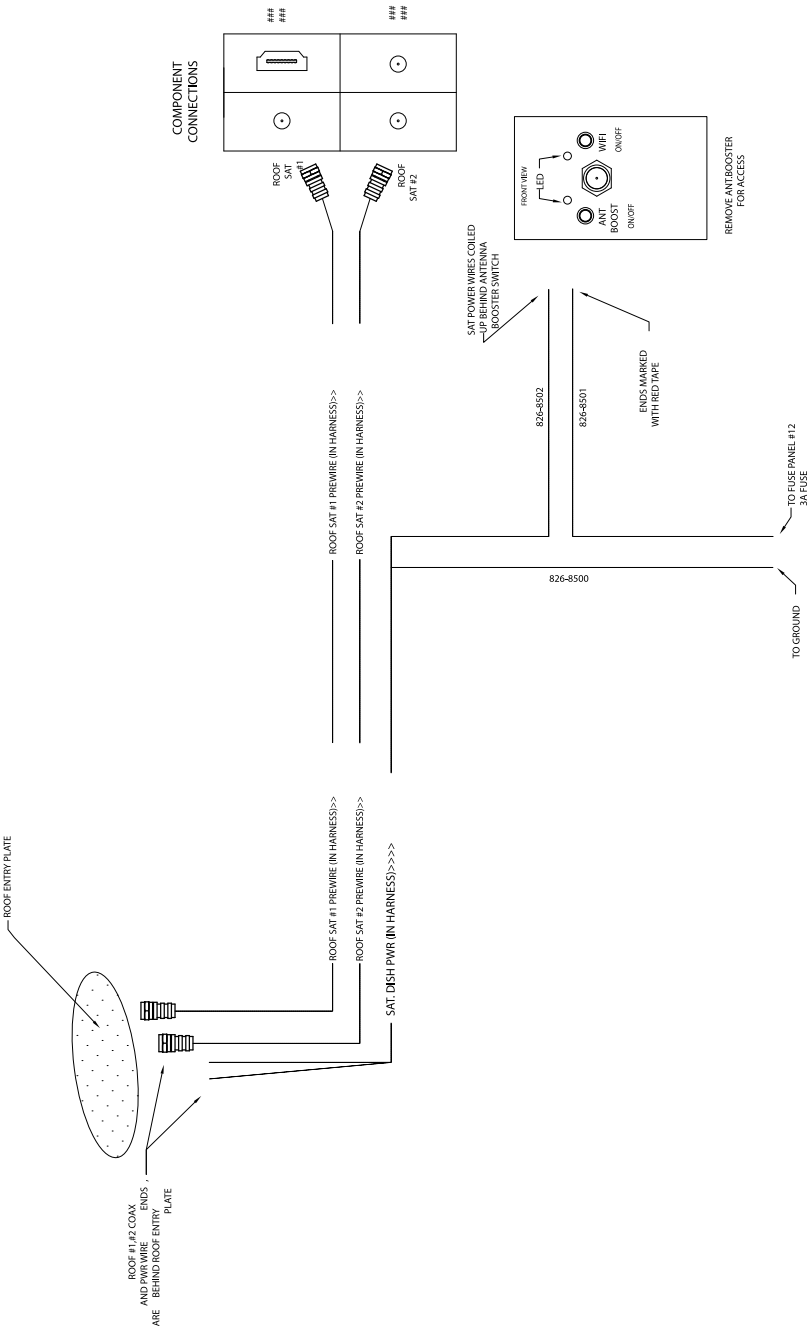



| -01 LIMITS | | | |
|---|---|---|---|
| NO. | QTY. | PART NO. | DESCRIPTION |
| 1 | 1 | 108-1465 | CONNECT 2.0 MATRIX TV WIRING |
| 2 | 1 | 108-0269 | HDMI SWITCHER 4-IN, 2-OUT |
| 3 | 1 | 108-0247 | HDMI 90 ADAPTER RIGHT |
| 4 | 1 | 137-7587 | ANTENNA BOOSTER SW |
| 5 | 1 | 108-0250 | BEHIND CABLE WITCHER TO BEDTV |
| 6 | 1 | 108-0264 | HDMI CABLE BLURAY TO SWITCHER |
| 7 | 1 | 108-1388 | COAX 90° ADAPTER |
| 8 | 2 | 108-0252 | 90° SIDE HDMI ADAPTER LEFT |
| 9 | 1 | 108-1487 | SONY BLURAY PLAYER |
| 10 | REF | 108-1498 | JBL SOUNDBAR |
| 11 | 1 | 108-0273 | 10' THIN OPTICAL CABLE |
| 12 | 1 | | |

| -02 LIMITS | | | |
|---|---|---|---|
| NO. | QTY. | PART NO. | DESCRIPTION |
| 1 | 1 | 108-1465 | CONNECT 2.0 MATRIX TV WIRING |
| 2 | 1 | 108-0269 | HDMI SWITCHER 4-IN, 2-OUT |
| 3 | 1 | 108-0247 | HDMI 90 ADAPTER RIGHT |
| 4 | 1 | 137-7587 | ANTENNA BOOSTER SW |
| 5 | 1 | 108-0246 | BEHIND CABLE WITCHER TO BEDTV |
| 6 | 1 | 108-0264 | HDMI CABLE BLURAY TO SWITCHER |
| 7 | 1 | 108-1388 | COAX 90° ADAPTER |
| 8 | 2 | 108-0252 | 90° SIDE HDMI ADAPTER LEFT |
| 9 | 1 | 108-1487 | SONY BLURAY PLAYER |
| 10 | REF | 108-1498 | JBL SOUNDBAR |
| 11 | 1 | 108-0273 | 10' THIN OPTICAL CABLE |
| 12 | 1 | | |

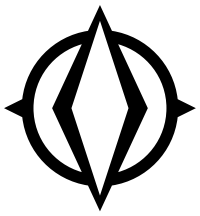
# SATELLITE PRE-WIRE

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.



## NOTES

NOTES



LEISURE

TRAVEL VANS

## LTV Roadside Assistance

4287 Beltline Road, Box #198
Addison, TX 75001

for EMERGENCY ROADSIDE CALL
1•877•219•3831







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