# UNITY | FX

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**

# TABLE OF CONTENTS

**1. INTRODUCTION**
- Supplemental Manual....1-1
- Motorhome Information Kit....1-2
- Options and Equipment....1-2
- Service Assistance....1-2
- Reporting Safety Defects....1-3

**2. GENERAL INFORMATION**
- Floor Plan....2-1
- Exterior Equipment Location....2-3
- Beds and Seating....2-5
  - Leisure Lounge Seating....2-5
  - Lowering the Murphy Bed....2-6
  - Raising the Murphy Bed....2-6
- TV Location....2-6

**3. SCHEMATICS**
- Electrical....3-1
  - 12 volt Electrical Reference....3-1
  - 120 Volt Electrical Reference....3-2
  - Electrical Schematic....3-3
- Plumbing....3-9
  - Water lines schematic....3-9
  - Drain line schematic....3-10
- Entertainment....3-11
- Satellite Pre-wire....3-12

# 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.

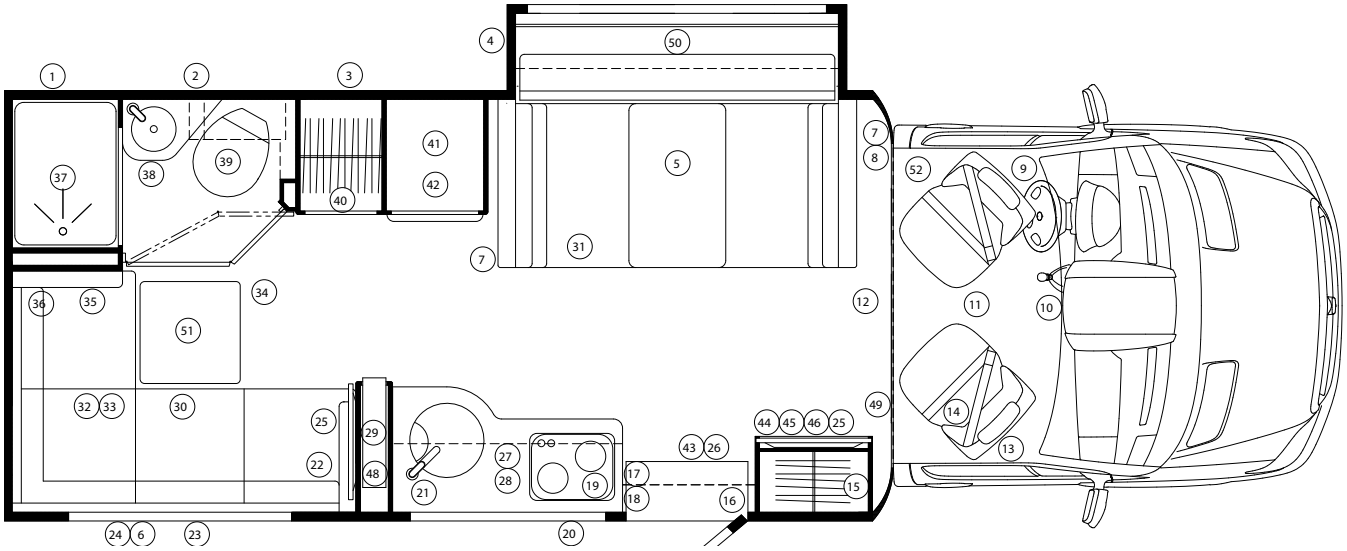
NHTSA will investigate the concern if there are a number of similar complaints. NHTSA has the authority to order a recall and repair campaign depending on the nature and severity of the problem.

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

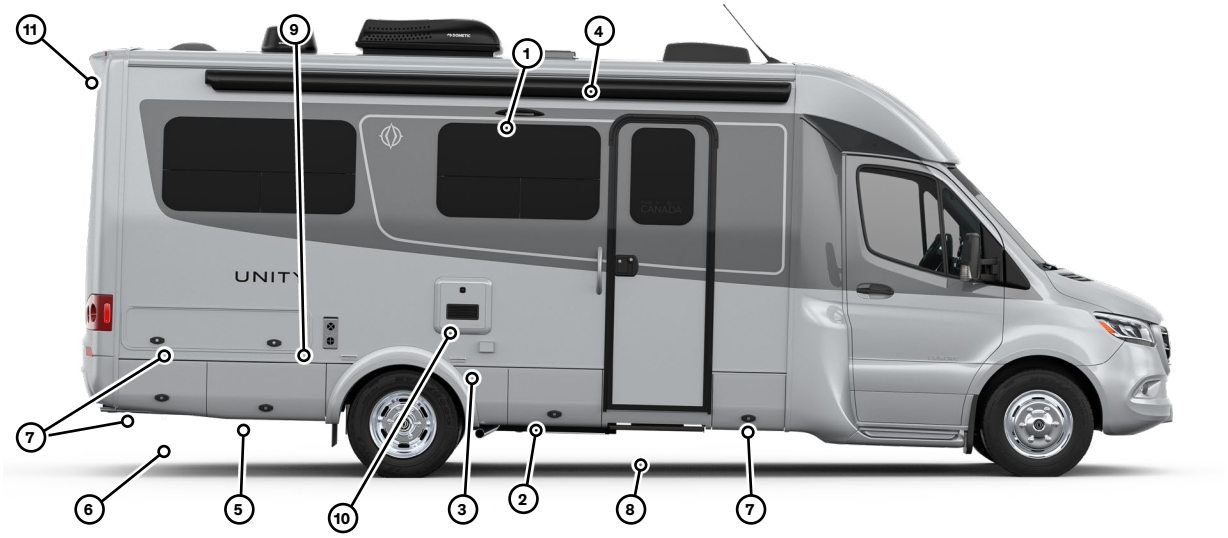


① Macerator Option Under Floor
② Utility Center Under Floor
③ Shore Power Plug
④ Sewer Hose Under Slide Out
⑤ U-Lounge Dinette
⑥ Generator Option Under Floor
⑦ USB Plug
⑧ Propane/CMD Alarm
⑨ Chassis Battery Under Cab Floor
⑩ 100Amp Fuse Location
⑪ 12 Volt plug/ USB Plug
⑫ Swivel Seats
⑬ Smoke Alarm on Ceiling
⑭ Awning Switches and Relay Under Seat
⑮ DC/DC Charger Under Seat
⑯ Wardrobe
⑰ Fire Extinguisher
⑱ Battery Disconnect Switch on Cabinet Wall
⑲ Breaker Panel
⑳ Step, slideout 5amp, and option Battery heat 2amp fuses Behind Breaker Panel
㉑ Inverter In Compartment Under Floor
㉒ Water Heater Under Galley
㉓ Furnace Under Sofa
㉔ Egress Window
㉕ Exterior BBQ Connection Under Floor
㉖ TV
㉗ Coach Battery's Under Floor (Solar panel 15/30amp fuse behind)
㉘ Galley
㉙ Slide Out Control Module Under Galley
㉚ Pantry
㉛ Sofa
㉜ Water Tank/Drain and Water Pump Under Floor
㉝ Generator Transfer Switch Under Sofa
㉞ Surge Protector Under Sofa
㉟ Propane Tank Under Floor
㊱ Tank Flush Non Return Valve Behind Bedroom Shelf
㊲ USB Plug Below O/H Cabinet
㊳ Shower
㊴ Water Filter in Vanity
㊵ Toilet
㊶ Wardrobe
㊷ Fridge(2amp fuse behind vent)
㊸ Microwave
㊹ Solar Controller, Inverter Remote, and Water Heater Dial above Entrance Door
㊺ Satellite Option Prewire and Component Connection Plate in Overhead Cabinet
㊻ BluRay Player and HDMI Switcher TV Antenna Booster/WIFI Switch in Overhead cabinet
㊼ Seatbelt
㊽ MultiPlex G12 Panel Above Pantry
㊾ MultiPlex Display
㊿ Murphy Bed
(51) Ottoman
(52) Battery Power and Ignition Fuses under Driver Seat

# EXTERIOR EQUIPMENT LOCATION

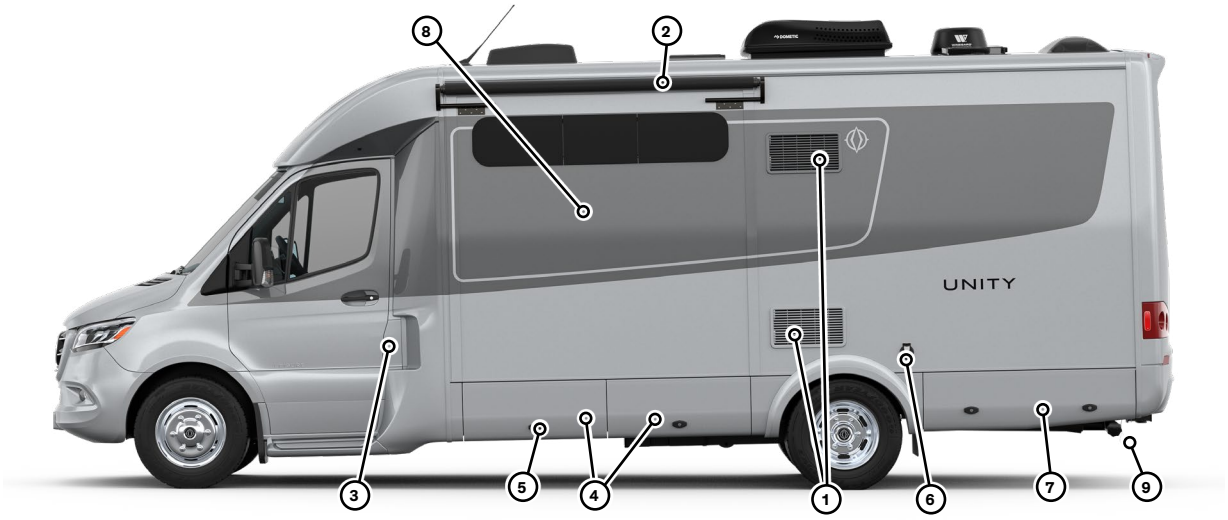
## PASSENGER SIDE VIEW

1. Light
2. Inverter and Storage Compartment
3. External Receptacle
4. Awning
5. Generator Compartment
6. BBQ Hook-Up
7. Storage Compartment
8. Entrance Step
9. Furnace Exhaust
10. Water Heater
11. Ladder (Optional)



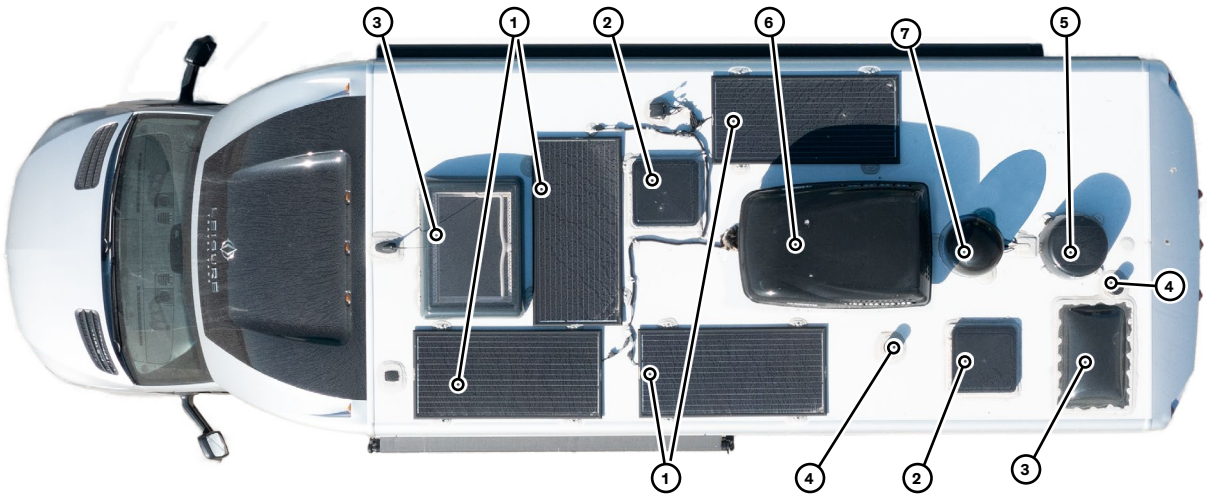

## DRIVER SIDE VIEW

1. Refrigerator Vents
2. Awning
3. Diesel Fill
4. Storage Compartment
5. Sewer Hose (Behind Doors)
6. Shore Power Connection
7. Utility Center
8. Slide Out Room
9. Sewer Termination



## TOP VIEW

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



# BEDS AND SEATING

## LEISURE LOUNGE SEATING

1. Bench configuration ①.




2. Seats with table configuration ②.




3. Seats pulled out (Pull out seats before lowering Murphy bed) ③.




4. Bed down with the headboard tilted out as backrest ④.




5. Rear seating (lock ottoman to prevent movement while the vehicle is in motion) ⑤.




**⚠ CAUTION**

**Lock ottoman ⑥ in its storage position to prevent movement while operating motorhome.**

## LOWERING THE MURPHY BED

## RAISING THE MURPHY BED

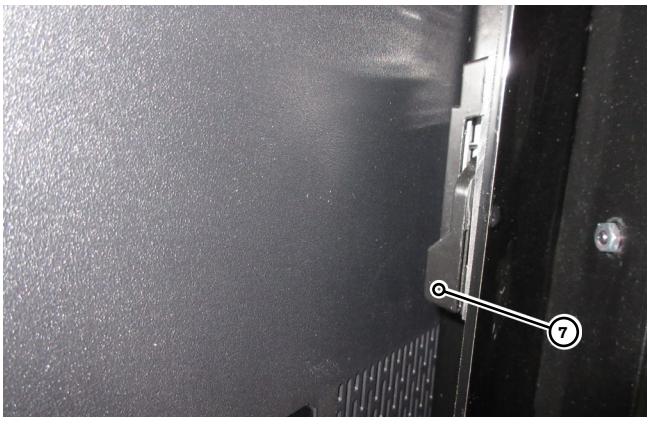
# TV LOCATION

In the Unity FX, the TVs are located in the bedroom area ④, and in the front of the couch beside the entrance door ⑤. They are locked in position when traveling. To unlock the front TV, flip up the release latch ⑦ and reposition.










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

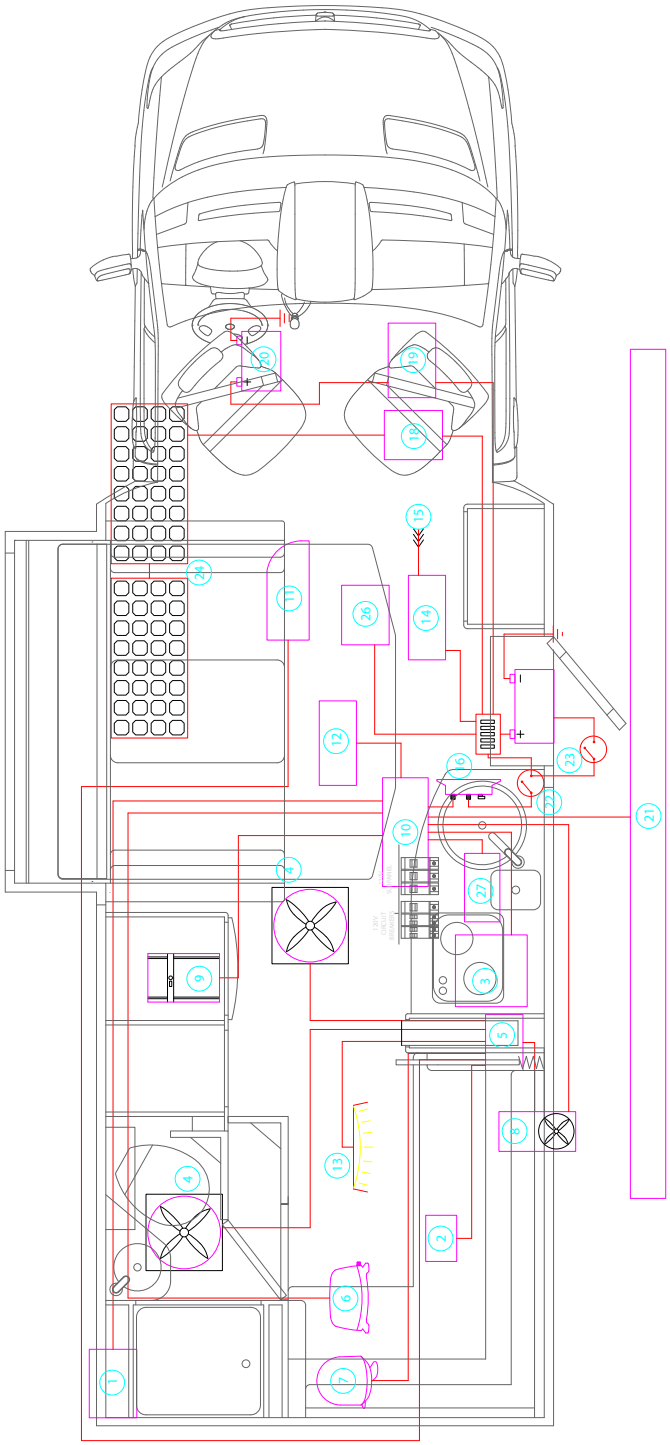
To store the TV, fold the TV back to stored position and secure with the latch.

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

# 3. SCHEMATICS

## ELECTRICAL

### 12 VOLT ELECTRICAL REFERENCE



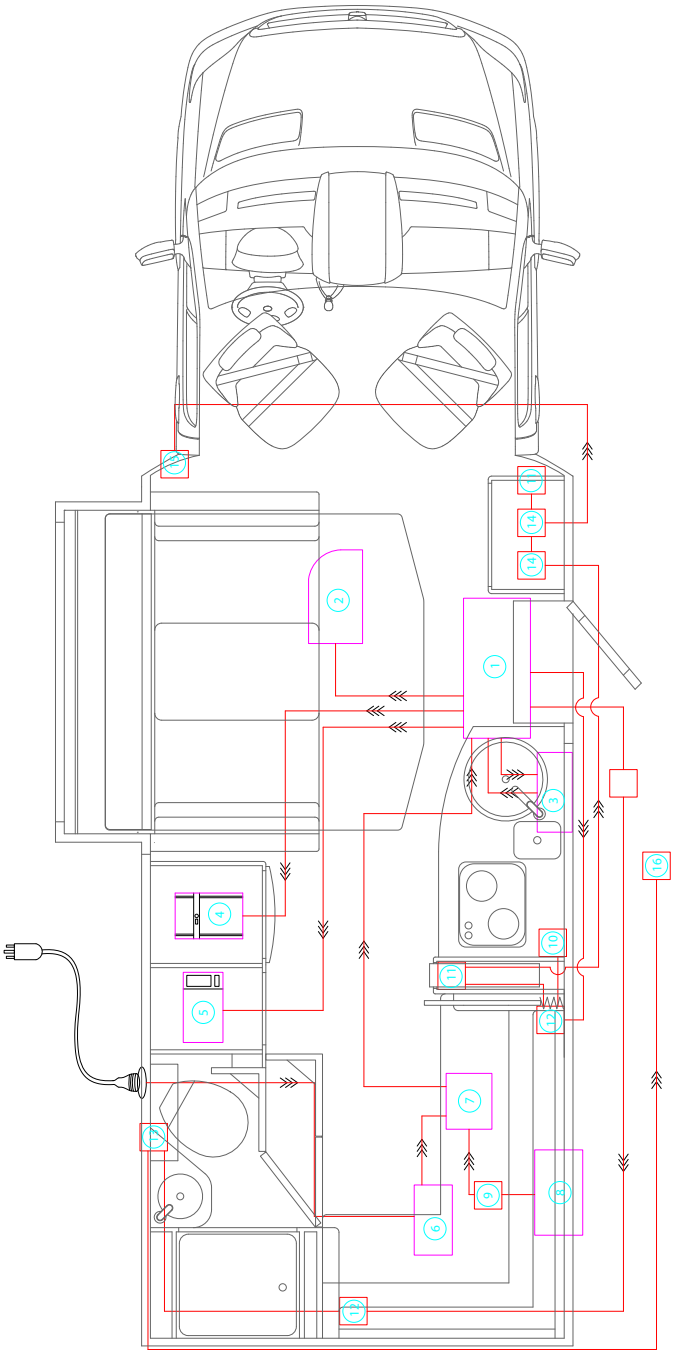
U24FX 12V ELECTRICAL WIRING SCHEMATIC

PLEASE REFER TO FUSE PANEL LABELS FOR EXACT LAYOUT

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

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 Leveling Jacks (Optional)
㉗ Slide Module

# 120 VOLT ELECTRICAL REFERENCE

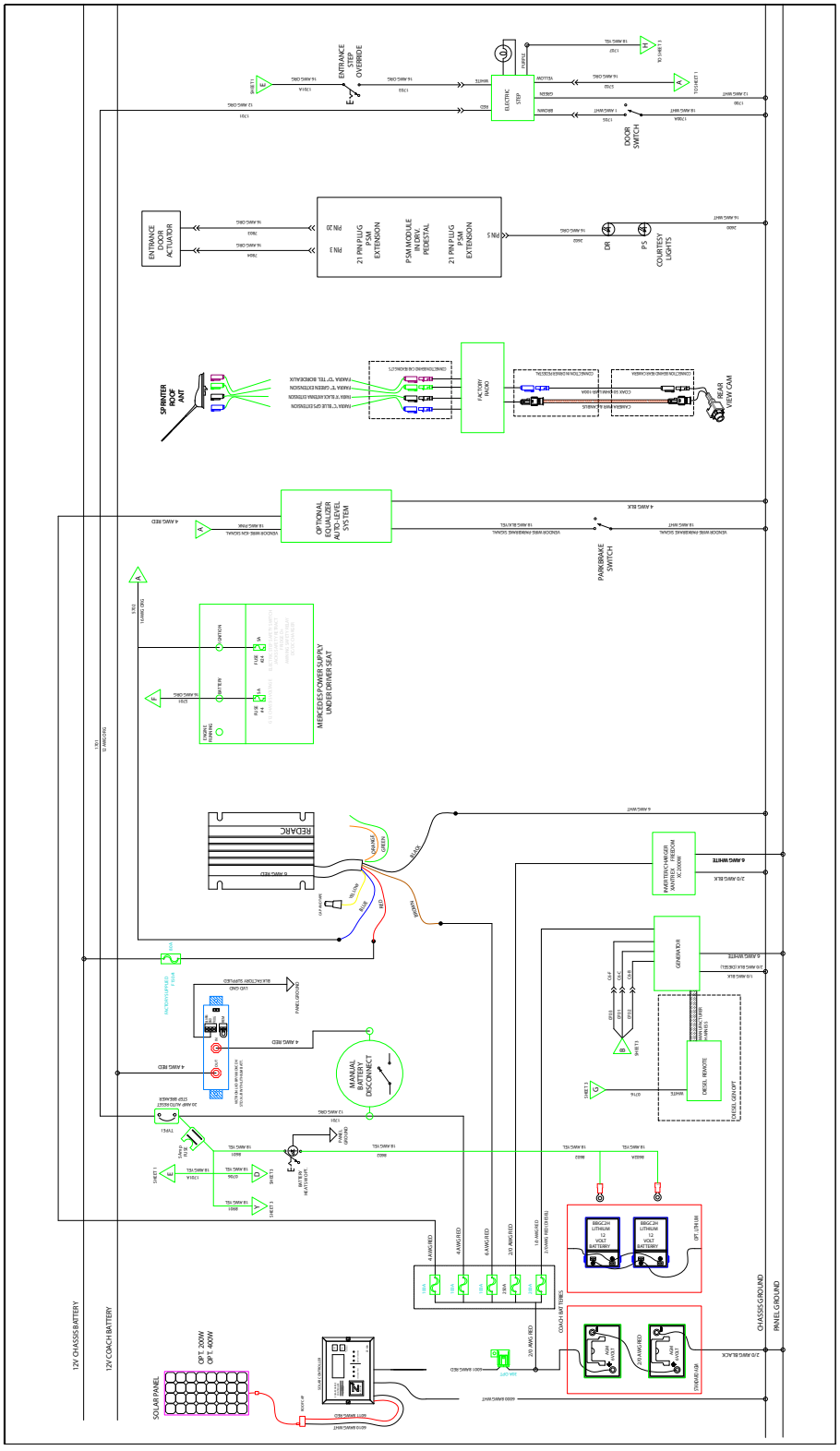


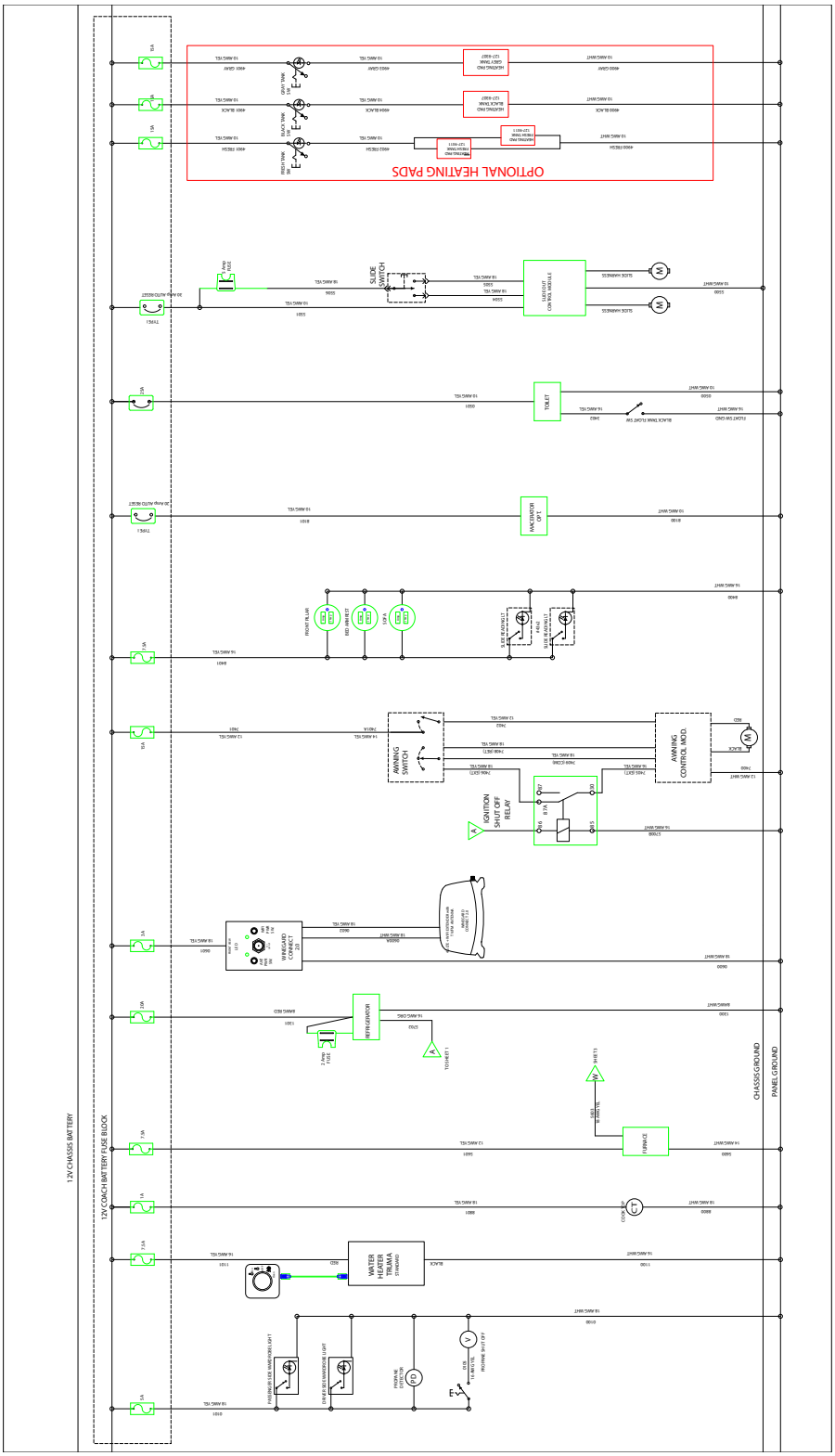
## U24FX 30 AMP 120V ELECTRICAL WIRING SCHEMATIC

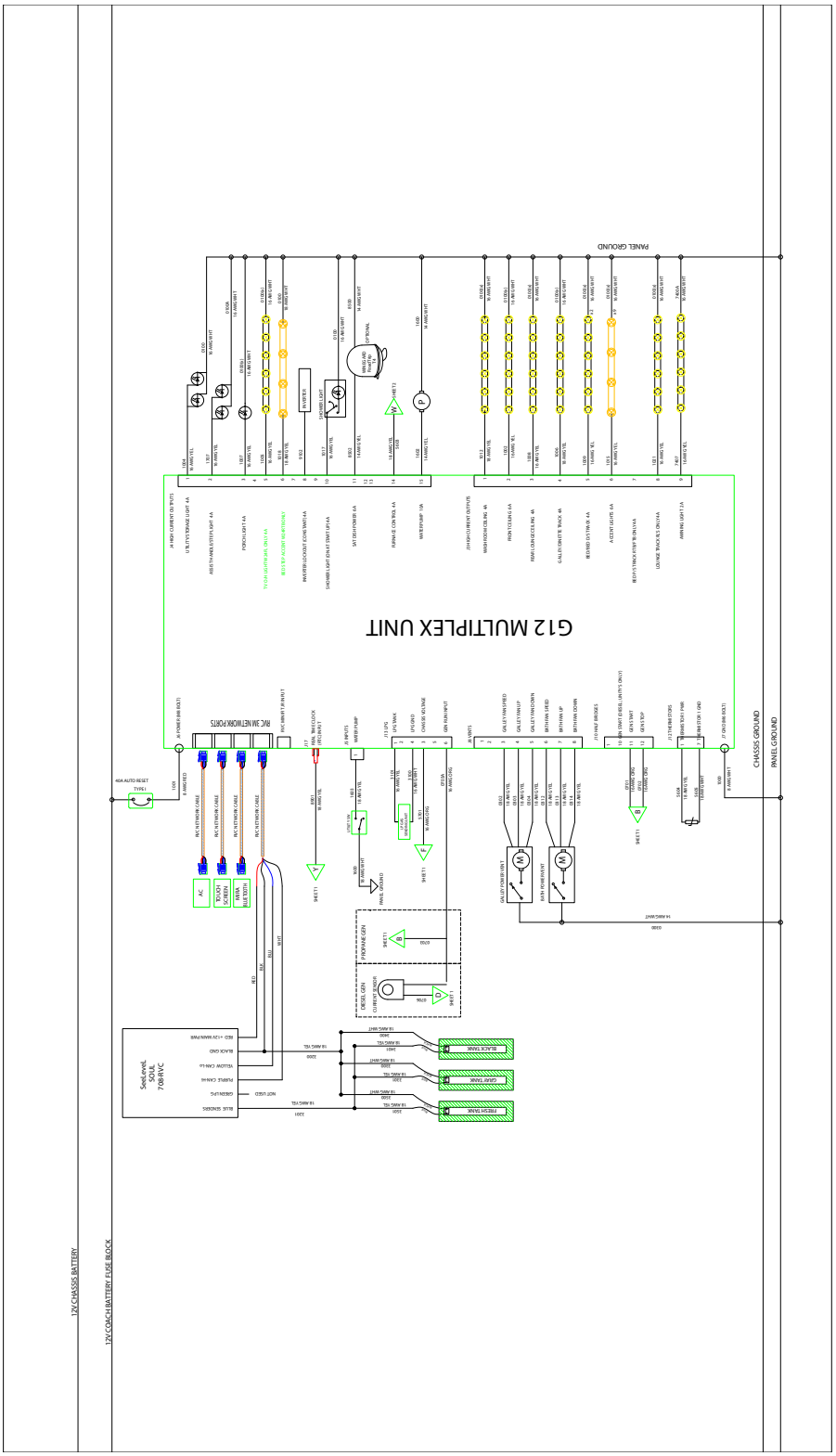
PLEASE REFER TO BREAKER PANEL LABELS FOR EXACT LAYOUT

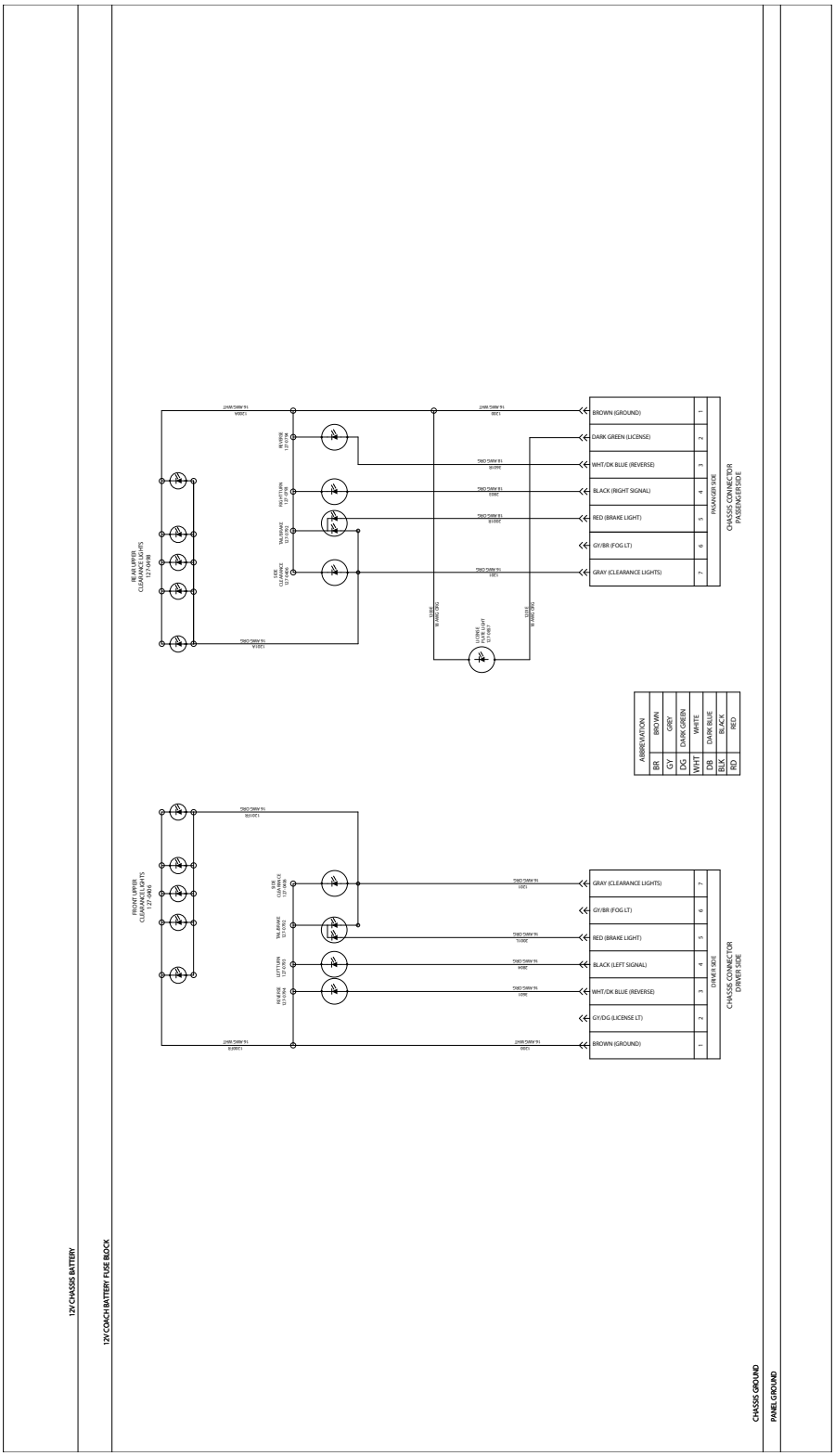
① AC Distribution Panel
② Air Conditioner
③ Inverter/Charger
④ Fridge
⑤ Microwave
⑥ Surge Protector
⑦ Transfer Switch
⑧ Generator
⑨ Generator Current Switch (Diesel Option)
⑩ Lower Galley Receptacle
⑪ TV Receptacle
⑫ Lounge Receptacle
⑬ Washroom Receptacle
⑭ Entertainment Receptacle
⑮ Bed Receptacle
⑯ Exterior Receptacle

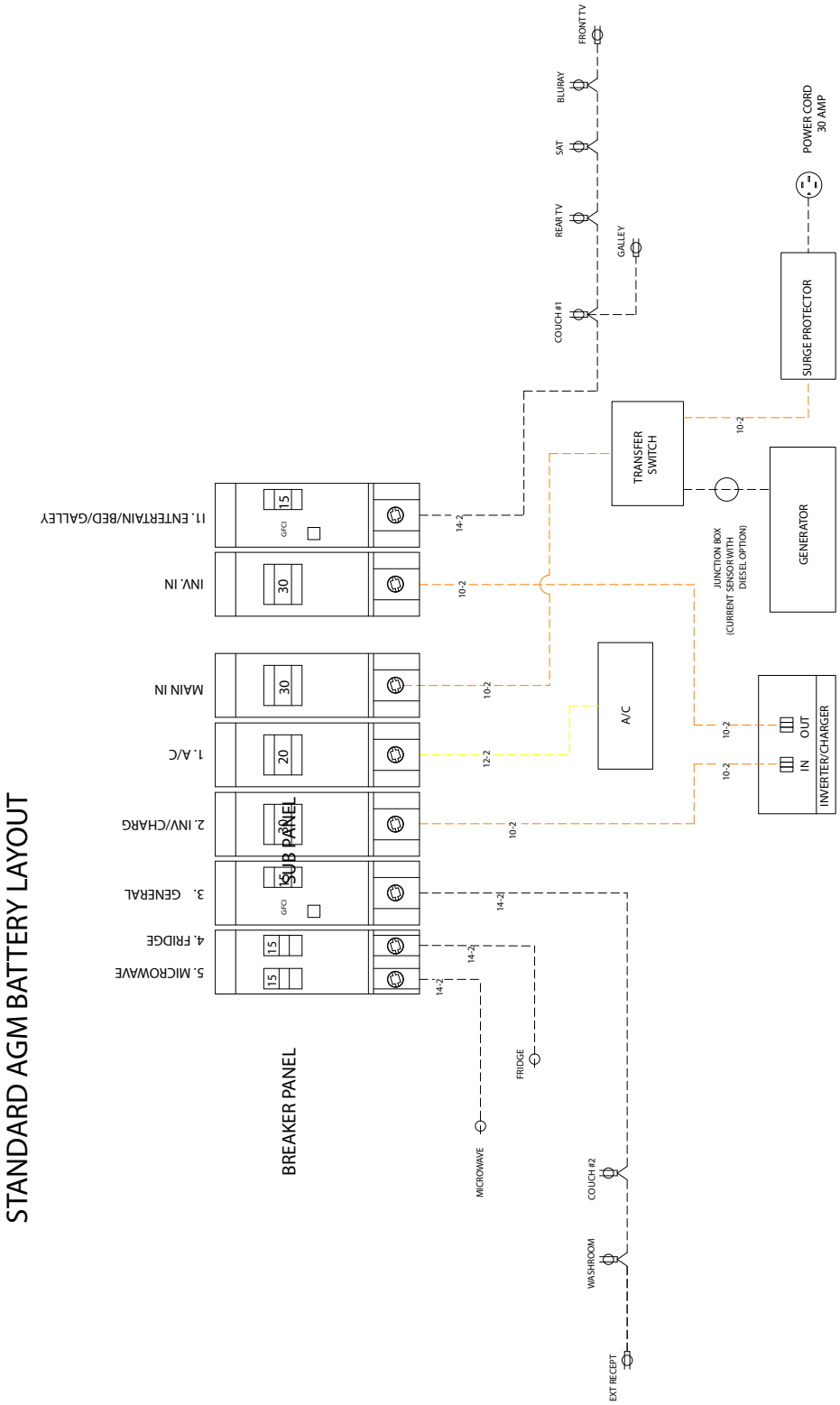
# ELECTRICAL SCHEMATIC

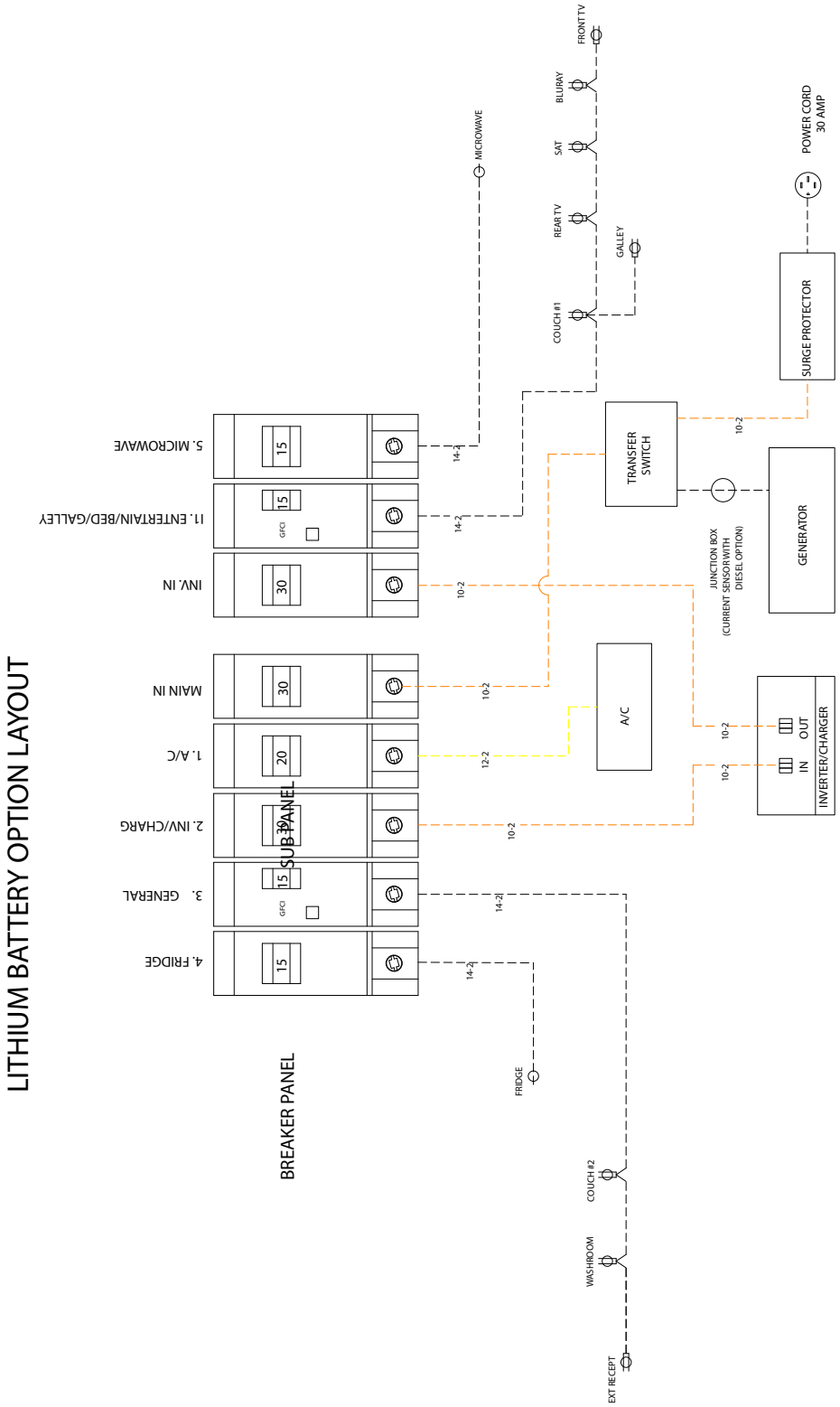



OPTIONAL HEATING PADS
SLIDE SWITCH
TOILET
AWNING SWITCH
AWNING CONTROL MOD.
IGNITION SHUT OFF RELAY
WIRECARE CONNECT
REFRIGERATOR
FURNACE
WATER HEATER TRUMA
1.2V COACH BATTERY FUSE BLOCK
12V COACH BATTERY
1.2V CHASSIS BATTERY
CHASSIS GROUND
PANEL GROUND


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

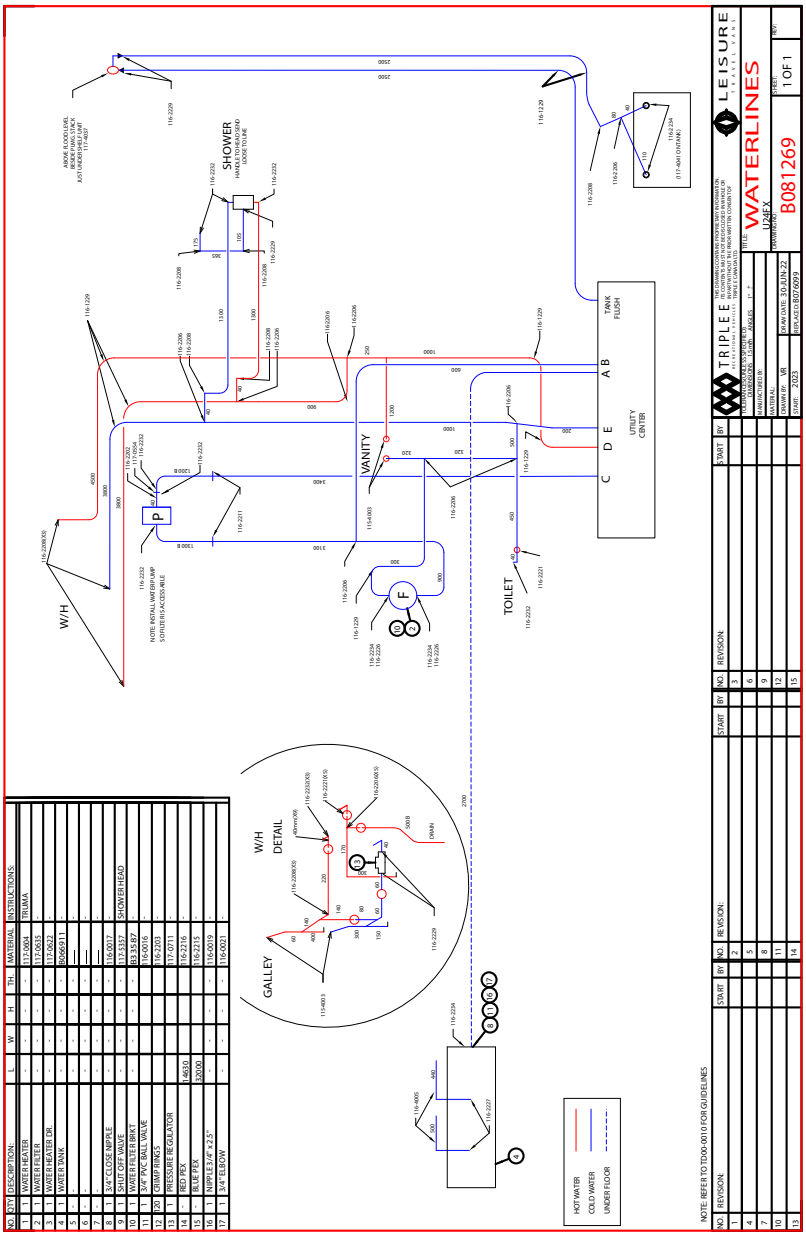

12V CHASSIS BATTERY
12V COACH BATTERY FUSE BLOCK
REAR UPPER CLEARANCE LIGHTS 12-0498
FRONT UPPER CLEARANCE LIGHTS 12-0496
BROWN (GROUND)
DARK GREEN (LICENSE)
WHT/DK BLUE (REVERSE)
BLACK (RIGHT SIGNAL)
RED (BRAKE LIGHT)
GY/BR (FOG LT)
GRAY (CLEARANCE LIGHTS)
PASANGER SIDE
CHASSIS CONNECTOR PASSENGER SIDE
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


STANDARD AGM BATTERY LAYOUT
BREAKER PANEL
SUB PANEL
11. ENTERTAIN/BED/GALLEY
INV. IN
MAIN IN
1. A/C
2. INV/CHARG
3. GENERAL
4. FRIDGE
5. MICROWAVE
GFCI
15
30
20
14-2
12-2
10-2
TRANSFER SWITCH
A/C
JUNCTION BOX (CURRENT SENSOR WITH DIESEL OPTION)
GENERATOR
SURGE PROTECTOR
POWER CORD 30 AMP
INVERTER/CHARGER
IN
OUT
FRONT TV
BLURAY
SAT
REAR TV
GALLEY
COUCH #1
COUCH #2
WASHROOM
EXT RECEPT
MICROWAVE
FRIDGE

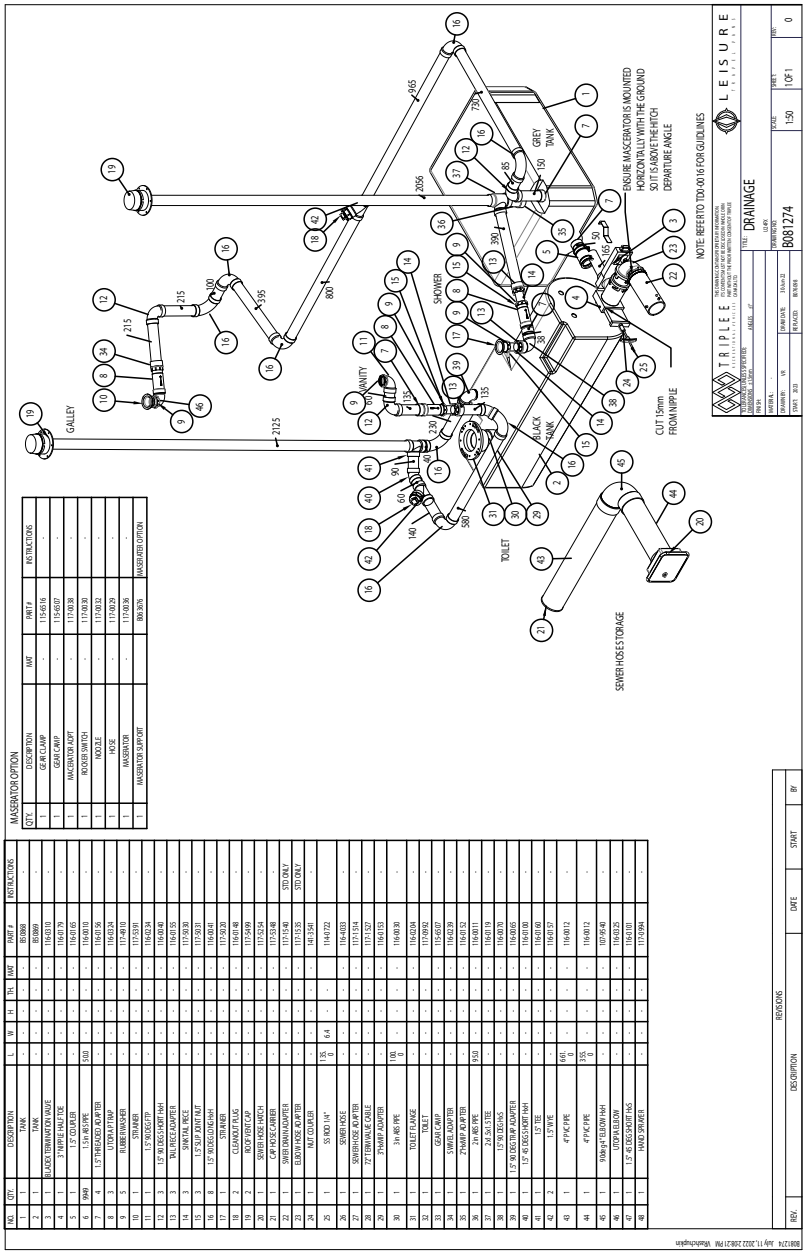

LITHIUM BATTERY OPTION LAYOUT
BREAKER PANEL
SUB PANEL
5. MICROWAVE
11. ENTERTAIN/BED/GALLEY
INV. IN
MAIN IN
1. A/C
2. INV/CHARG
3. GENERAL
4. FRIDGE
15
30
20
GFCI
14-2
12-2
10-2
MICROWAVE
FRONT TV
BLURAY
SAT
REAR TV
GALLEY
COUCH #1
POWER CORD
30 AMP
SURGE PROTECTOR
TRANSFER
SWITCH
GENERATOR
JUNCTION BOX
(CURRENT SENSOR WITH
DIESEL OPTION)
A/C
IN
OUT
INVERTER/CHARGER
FRIDGE
COUCH #2
WASHROOM
EXT RECEPT

# PLUMBING

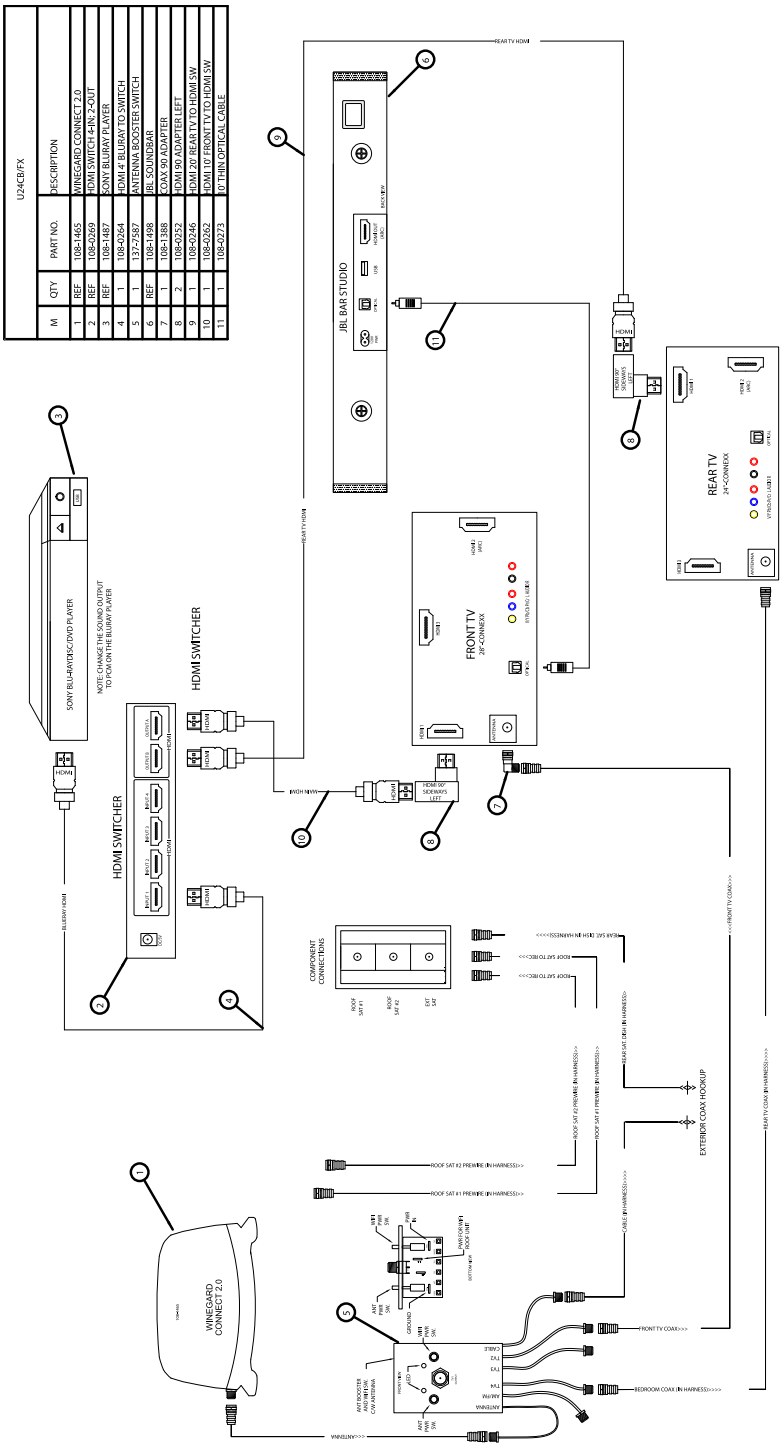
## WATER LINES SCHEMATIC



# DRAIN LINE SCHEMATIC

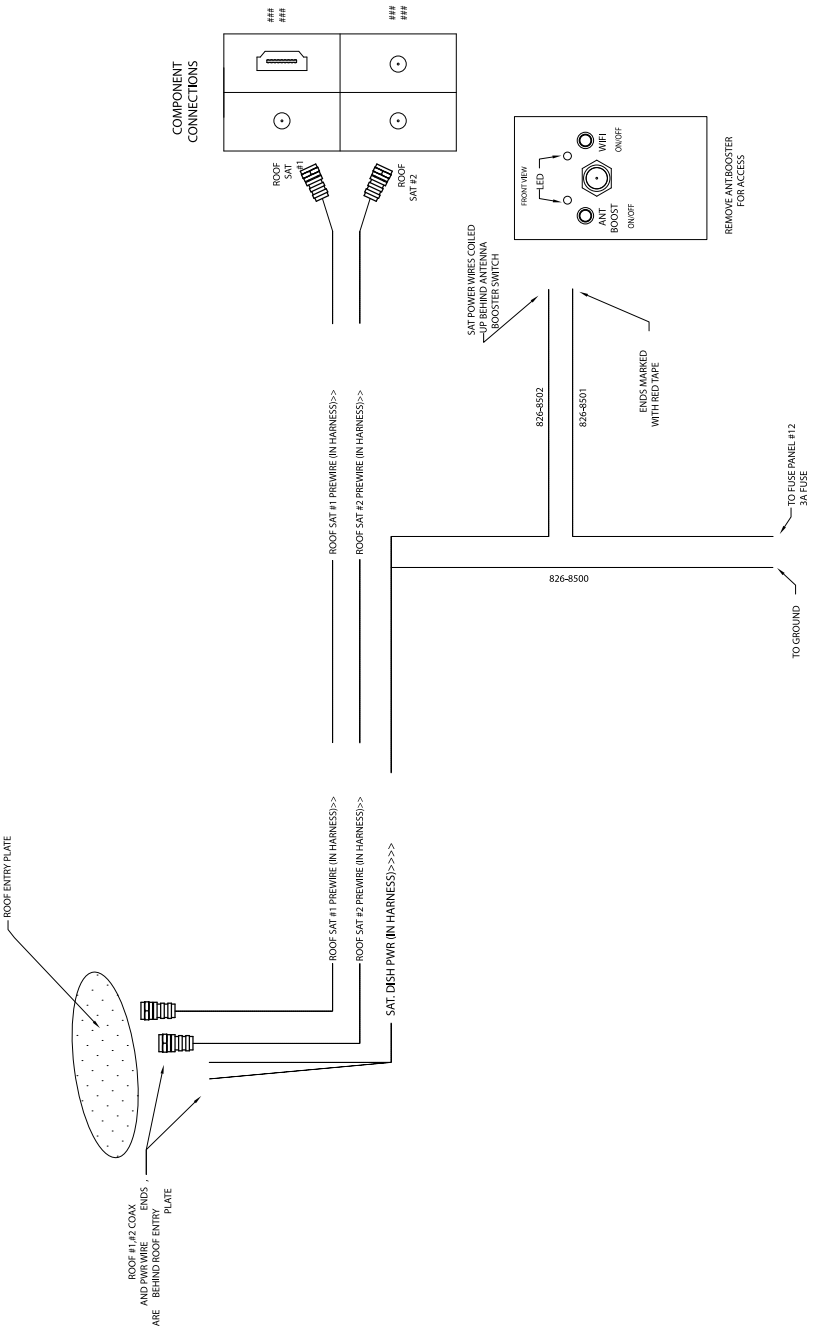


# ENTERTAINMENT



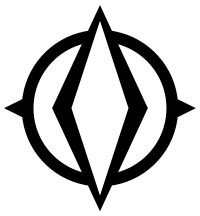
# SATELLITE PRE-WIRE

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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