CS Adventurous

2019 OWNER'S MANUAL

ROADTREK

www.roadtrek.com

Contents

Introduction to Your Roadtrek 7
Disclaimer....7
Copyright....7
References 8
Do's and Don't's 8
Symbol Legend 8
Regulatory Warnings....8
Information, Cautions and Warnings....9
Before You Head Out....11
Coming Home 12
Interior Living Space 15
Cabinets....15
Cabinet Adjustment 16
Galley Cabinets....17
Galley Instant Hot Water Dispenser....18
Lights....20
Tables Legs and Leg Mounts....21
Table Storage and Front/Rear Lounge Table Setup 22
Front Swivel Seats 24
Window Treatments....27
Rear Windows and Sliding Passenger Side Door....28

Front Window Treatments....29
Ventilation....30
Sleeping Facilities....31
Twin and King Bed Setup....31
Bathroom Facilities....33
Shower Setup....34
Refrigerator....36
Microwave Oven....36
Propane Cooktop....37
Water Heater....37
Optional Induction Cooktop....38
Home Theatre System....39
Optional HDTV....39
Outside Your Roadtrek....40
- Running Boards on Drivers Side....40
- Awning....42
- Rear Doors....44
- Exterior Step....45
- Shore Power....46

Utilities....47
- Fresh Water....47
- City Water....48

Waste Water....49
Indicators....50
Air Conditioning and Thermostat....50
Alde Hydronic Heating System....51
Dumping....53
Monitor Panel....54
Power Sources....54
12-Volt DC Power....54
Inverters....55
Other Switches....55
Patio Lights....56
Water Pump Switch....56
Tank and Charge Indicators....56
Distribution Panel, AC Breaker and 12-Volt Fuse Panels....57
(Optional) Solar Panels....58
Outlets....58
Electrical System....59
Coach Batteries....59
Battery Disconnect Switch....59
Inverter Charger....59
Alternator Charger and Battery Separator....59
Batteries....60

On Board 120-Volt AC Power/3000W Inverter 61
Engine Generator 62
Alarms and Warnings 63
Propane and CO Alarm 63
Smoke Alarm 63
Fire Extinguisher 64
Flat or Leaking Tire Maintenance 65
Tow Hitch and Tow Rating 66
XL Edition Information 67
Maintenance 68
Tires 68
Occupant Cargo Carrying Capacity 68
Owner Maintenance Checks 69
When You Stop for Fuel or Weekly 69
Every Other Week 69
At Least Every Three Months 69
At Least Twice a Year 70
At Least Once a Year 70

Roadtrek Limited Warranty 73
How to Obtain the Limited Warranty 73
How to Get Service 73
Contacting Roadtrek 73
Arbitration Provision 74
Specifications 74
Roadside Assistance Plan 75
Registration 77
Aftermarket Disclaimer 78
Regulatory Notices 79
HOW TOs 79

Introduction to Your Roadtrek

Congratulations on the purchase of your Roadtrek, and welcome to the family. The information included in this manual is meant to help and guide you through the many functions your Roadtrek has to offer.

Please keep this manual in your vehicle as a reference for when you are traveling. If you have any questions or comments on information found in this document, please contact us at manuals@roadtrekinc.com.

Disclaimer

This owner's manual was created to help owners with general use, maintenance and care of their RVs. Roadtrek Inc., conducts ongoing product development and uses photos from multiple brands and vehicles to create these instructions. The included images may not reflect exact makes and/or models; however, the information remains relevant and useful. These instructions are provided as general guidelines only, as certain add-ons or customization to an RV may change the manner in which these operations are performed.

Copyright

Roadtrek Inc reserves the right to make changes at any time, without notice to colors, materials, equipment, specifications and models. The information contained in this manual is intended as a guide only, as continuous improvements are ongoing. **Some motorhomes may be shown with equipment that is optional. Accessories shown in any photograph may not be included.**

This manual is released under a Creative Commons Attribution-Non-Commercial-No Derivatives 4.0 International License [1].

In summary, you may:

- Copy any portion of this manual in any form for personal use;
- Distribute this manual complete with all its original unmodified content;
- Modify this manual for your own personal, non-commercial use.

In summary, you may not:

- Use this manual for any commercial use whatsoever;
- Modify this manual except as provided for in the full license and then distribute the resulting work;
- Charge for this manual other than reasonable media and shipping costs.

All images used in this manual remain the property of Roadtrek Inc. They are for illustrative purposes only and may or may not be representative of the upfit in your Roadtrek. Contact Roadtrek Inc. for alternate licensing arrangements if you want to use or distribute this manual commercially.

References

[1] http://creativecommons.org/licenses/by-nc-nd/4.0/

Do's and Dont's

Symbol Legend

Information: Useful information and knowledge.

Warning: Not following this instruction may lead to negative

results. Caution: You should follow this instruction.

Danger: DO NOT perform this action. Doing so may result in severe damage, injury or death. **Regulatory Warnings**

LEVEL	ITEM	INSTRUCTION
	Danger	Do not place propane cylinders inside the vehicle. • Propane cylinders are equipped with safety devices that relieve excessive pressure by discharging propane to the atmosphere. • Propane gas is highly flammable. This action can lead to fire or explosion and result in serious injury or death.
	Warning	Do not use gas cooking appliances for comfort heating. • This can lead to carbon monoxide poisoning, which can lead to serious injury or death.
	Warning	Gas cooking appliances need fresh air for safe operation. • Open vents or windows slightly or turn on exhaust fan prior to using cooking appliance. • Gas flames consume oxygen, which should be replaced to ensure proper operation. • Improper use can result in serious injury or death.

	Caution	Do not fill propane containers to more than 80% of their capacity. • A properly filled container contains approximately 80 percent of its volume as liquid propane. • Overfilling propane container(s) can result in uncontrolled propane flow, which could lead to a fire or explosion and result in serious injury or death.
	Warning	When using an outdoor cooking area, the vehicle must be level and stabilized. Do not violate manufacturers' instructions on required clearances for cooking appliances during use. Do not store cooking appliances until cool to the touch. Failure to do so can lead to a fire and result in serious injury or death.
	Danger	If you smell propane: 1. Extinguish any open flames and all smoking materials. 2. Shut off propane supply at the container valve(s) or propane supply connection. 3. Do not touch electrical switches. 4. Open doors and other ventilating openings. 5. Leave the area until the odor clears. 6. Have the propane system checked and leakage source corrected before using again. 7. Ignition of flammable vapors could lead to a fire or explosion and result in serious injury or death.
	Warning	Vehicles and equipment powered by internal combustion engines and placed in recreational vehicles can cause carbon monoxide poisoning or asphyxiation, which could result in serious injury or death. • Do not store, transport, or dispense fuel inside this vehicle.
	Danger	The propane tank valve must be closed and all pilot lights, appliances and their igniters must be turned off during refueling of the motor fuel tank and/or the propane fuel tank. Only qualified personnel should refuel your propane tank. **Please see page 41 & 53 for further information. (Do not operate vehicle with propane valve open.)**
	Warning	Portable fuel burning equipment, including wood, charcoal, and liquid fuel grills and stoves, should not be used inside your vehicle. Use of this type of equipment inside your vehicle may cause a fire or asphyxiation.

Information, Cautions and Warnings

LEVEL	ITEM	COMMENT
	Seat Belts	Use only forward-facing seats equipped with factory installed seat belts while the vehicle is in motion. All passengers must be seated in these seats only, with the seat belts fastened while the vehicle is in motion.
	TV	Turn the TV off and stow it while the vehicle is in motion.
	TV	The flat screen TV should not be stored inside the Roadtrek in cold temperatures. Remove it to reduce the chance of damage from the cold. Check the Owner's Manual for the TV for storage and operating temperatures.
	TV	To remove the TV, release the bracket on the back of the TV mounting bracket and remove the RCA cables, power supply cable and antenna cable.

	Propane	Purchase propane from a reputable propane facility. Contaminated propane is a common cause of system failure and is **not covered under any warranty.**
	Propane	The BBQ quick disconnect (If Equipped) is regulated to 10 P.S.I. Please ensure that all devices connected to this are either rated for high "pressure" or have their own regulator. Many grills sold in the United States are "low pressure" (1/2 P.S.I.) and will require an additional regulator to step the pressure down to a useable level. If hooked directly to the BBQ quick disconnect, there will be a severe fire hazard.
	Propane Leak Detector	Do not block the air circulation in the area where the Propane Leak Detector is located.
	Propane Leak Detector	Battery disconnect switch must be in the "ON" position for the propane detector to function.
	Flammable Liquids and Gasses	Do not store gasoline or other flammable liquids inside your vehicle.
	Heating	Never use cooking appliances or unvented propane heaters for space heating purposes. They need fresh air for safe operation.
	Heating	The heating furnace provides its own outside combustion air and exhausts to the outside.
	Carbon Monoxide Leak Detector	Do not block the air circulation in the area where the Carbon Monoxide Leak Detector is located.
	Carbon Monoxide Leak Detector	Battery disconnect switch must be in the "ON" position for the Carbon Monoxide Leak Detector to function.
	110 V Electrical Servicing	Prior to servicing any 110V, unplug the output lead from the power inverter.
	Exterior Access Doors	Ensure the shore power cord and city water supply lines are disconnected and in their stored positions before the vehicle is put in motion.
	Awning	Close the sliding side door prior to opening or closing the awning.
	Dining Table	When storing the two dining tables, secure in place using the clips attached.
	Counter Space	Make sure the stove is off and has cooled prior to using the counter space.

	Battery	Battery acid can burn your skin and damage clothing. Protective eye wear and gloves should be worn while handling batteries. Effective June 2010, all Roadtrek Inc installed batteries are sealed AGM or Lithium batteries that do not require the addition of water.
	Battery	Disconnect the inverter/charger prior to disconnecting the auxiliary battery.
	Generator	The Roadtrek is supplied with an optional DC generator located either behind the rear axle on the driver's side or in the engine compartment. Never submerge the generator. Use a spotter when launching a boat or crossing streams.
	Waste Water Storage and Dumping	Close the black water gate valve before using the waste water system.
	Freezing	Under moderate subfreezing conditions, antifreeze is required in the exterior fresh water, grey water and the black waste water tank. Use RV antifreeze in accordance with the manufacturer's instructions.
	Electrical Servicing	This unit has a 12-VoltDC, 110VAC and optional 36-volt solar system. These systems need to be disconnected before working on them.

Before You Head Out

Your new Roadtrek is ready to go with just a little bit of preparation. To prepare for your first trip, you should:

- Read this manual.
- Contact your dealer with any questions.
- Plan your trip.

Then use this quick checklist:

- The day before your trip:
  - Charge your RV batteries by plugging in overnight. (*With your standard Lithium batteries, your inverter must be in the On position.*)
  - Cool your refrigerator by turning it on.
  - Chill any beverages or other refrigerated items in your home refrigerator.
  - Flush and fill your fresh water tank with clean tap water.

- The day of the trip:
  - Load the refrigerator with beverages and other perishable items (from your home refrigerator).

Coming Home

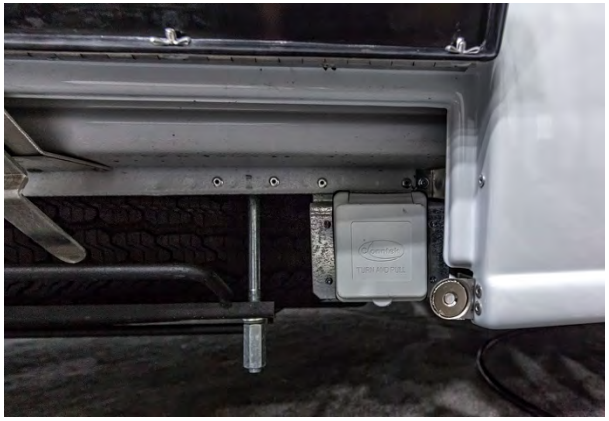
When you come home, there are a few maintenance tasks you should do to get your Roadtrek ready to go for next time. Refer to other sections in this manual for the procedures listed here.

- On your way home, dump the grey and black waste water tank at a convenient facility. See the HOW TO's: Waste Water Dumping for a concise description of the procedure to do this. Some RV parks and gas stations will let you dump for a fee, some city wastewater plants will let you dump for free but there is no real pattern, so local knowledge is vital in locating dump stations.

- The website **http://www.sanidumps.com** is a good resource. The website with maps for each state and province is http://www.sanidumps.com/maps/help.php.

- At home, flush the water tank and fill it with fresh chlorinated water if you will be using it in the next few days. Otherwise, drain the tank. Don't let water you are planning to use sit in your tank for more than a week or so, and don't let any water sit in your tank for more than two weeks, whether you plan on using it or not. Over time, the chlorine evaporates allowing bacteria to grow.

- To flush the tank, fill it using the fill port located on the driver's side body panel located just behind the front axle under the running board or the gravity fill located on the passenger side front door pillar. (See images below) (Picture 12.2).



Picture 12.1

30AMP Power Plug Connector.
Located in Drivers Side Running Between
Front and Rear Axles.

Picture 12.2

City Water Intake Located Behind Front
Axle on Drivers Side Behind Hinged
Running Board.

Coming Home (Continued)

- Plug in the shoreline connection overnight to fully charge batteries.
- Turn off and clean out the refrigerator and prop the door open to let it air out.
- If you plan on storing your Roadtrek for an extended period, turn off the Battery Disconnect Switch and the Inverter Switch to keep from draining your AGM or optional Lithium battery(ies).
- * If you turn everything off, your solar panels (If Equipped), will keep your coach batteries charged to a safe level while your Roadtrek is parked.
    - Solar panels will only keep your Roadtrek charged when parked outside.
- If you don't turn everything off, even with solar panels, you will probably come back to dead batteries.
    - Because electronic systems on your coach need small amounts of electricity even when off, the batteries will completely be drained over a period of time.
    - With optional Lithium batteries, the battery switch(es) need to be on so the solar panel(s) can provide a charge to them. Turn the switch(es) off at the end of the day to maintain the battery charge.
- If you are not planning on storing your coach for an extended period, it is recommended that you plug in your coach to charge the batteries to keep them from draining.
    - Plug your coach into a dedicated power outlet. (Dedicated outlets supply a cleaner line of electricity supplied to the coach) (Picture 14.1 On Next Page)
    - Turn on your battery disconnect switch. (Picture 14.2 On Next Page)
    - If your motorhome is equipped with Roadtrek's optional EcoTrek Lithium battery system, turn on your Lithium Battery switches and make sure the blue light is illuminated. (Picture 14.3 On Next Page)
    - Turn your inverter to the On position. (Picture 14.4 On Next Page)

Picture 14.1

30AMP Shore Power Cord Coach Connect Port.

Picture 14.2

Coaches Monitor Panel with Battery Disconnect Switch Shown.

Picture 14.3

Optional EcoTrek Lithium Battery Switches Located on Overhead Storage Cabinet Wall Over Passenger Seat.

Picture 14.4

Coach Inverter Switch in the On Position.

Cabinets

Picture 15.1

Push Button for Cabinet Latches
In Closed Position.

Your Roadtrek is equipped with cabinet latches which prevent the door from opening while the vehicle is in motion. The push buttons on the cabinet latches toggle from latched (button in) (Picture 15.1) to unlatched (button out) (Picture 15.2) by pressing the button.

To open a cabinet, press the button to unlatch and pull gently on the button, and the cabinet door will open.

To close a cabinet, **make sure the latch is still open (button out)**, then close the door. Once the cabinet door is closed, press the latch button in to lock the cabinet.

Picture 15.2

Push Button for Cabinet Latches
In Opened Position.

Do not attempt to close the cabinet doors while the latch button is pressed in. This could break the latch. Always make sure the button is out before attempting to close a cabinet door. (Picture 15.2)

It is not recommended to keep large, round, and/or heavy objects in a cabinet unsecured as they may roll around and apply excessive pressure to the inside of the cabinet doors as you drive. The objects may shift position with vehicle motion and cause injury when the cabinets are opened. For this reason, Roadtrek recommends that you are aware of the weight and stability of objects that you store in overhead cabinets.

The cabinet hinges may go out of adjustment due to heavy weight stored in the cabinet, experience large swings in temperature or humidity, frequent travel on bumpy roads at high speeds frequently and sometimes as part of normal wear and tear. You will know the cabinet is out of adjustment when it will not open with the button out, or not latch with the button in.

Picture 16.1

Apply Moderate Upward Pressure and Gentle Outward Pressure with One or Two Fingers on the Bottom Corners of the Door to Open a Stuck Cabinet.

Picture 16.2

Adjustments to the Cabinet Hinges Will Allow for Tightening and to Loosen the Friction Required to Open and Close the Cabinet Door.

To open a cabinet stuck shut with the button out, apply pressure UPWARD with your thumbs on both bottom corners of the cabinet door while simultaneously applying gentle pressure to open it, as shown above left. (Picture 16.1)

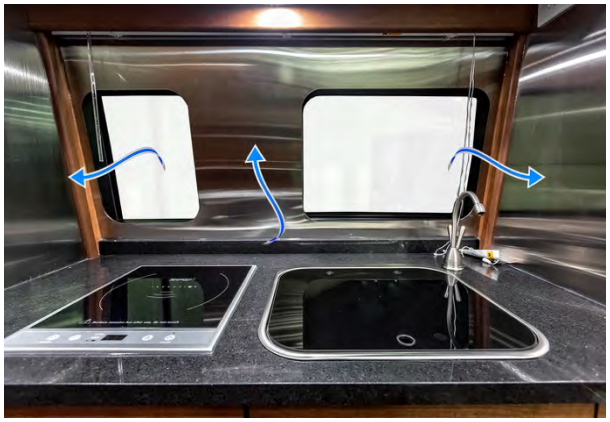
DO NOT FORCE THE DOOR OPEN BY PULLING OR PRYING ON IT - you will break the latch.

The screw in the top part of the hinge nearest the pivot point adjusts the vertical location of the door (Picture 16.2). Screw out to raise the door and screw in to lower the door or fix doors that won't stay shut when latched, as shown above left.

Cabinet Adjustment

The screw on the long bracket hinge is used to apply or reduce the friction needed on your cabinet door to open and close the cabinet door smoothly. Using an allen wrench, turn the screw to the right to tighten the hinge and put more friction on your cabinet door. Turn the screw to the left to loosen the pressure that is applied and allow for the cabinet to be opened with less force. (Picture 16.2.)

Galley Cabinets



Picture 17.1
Stainless Steel Sides and Backing Protecting Cabinets and Appliances.

Picture 17.2
Galley Cabinets and Drawers View from Rear of Coach.

Picture 17.3
Lower Cabinet at Rear of Galley Houses Alde components. ***Note – Storage Not Available in This Cabinet.***

Picture 17.4
The Rear Kitchen Galley Closet Has Four Levels with Three Removable Shelves.

Picture 17.5
Three Slide Out Drawers Beneath Galley Cooktop. ***Note – Shown with Optional Induction Cooktop.***

Picture 17.6
Three Level Storage Cabinet Located Beneath Galley Sink.

Galley Cabinets (Continued)

(*Note – All of these drawers have conventional non-locking knobs and a friction closure mechanism to secure them while your Roadtrek is in motion. Make sure they are completely closed before driving.)

In your kitchen galley, your sides and back splash area are protected from cooking elements by stainless steel panels. (Picture 17.1 on Previous Page.)

A view of your galley cabinetry and drawers are visible from the rear of your coach. (Picture 17.2 on Previous Page.)

Immediately beneath the galley shelved cabinet is a cabinet door. Inside is components for the Alde system and no storage is possible. (Picture 17.3 on Previous Page.)

The rear cabinetry closet has four levels with three removable shelves. To remove shelves, lift from holders, turn slightly and remove. Store in a safe location to avoid damage. (Picture 17.4 on Previous Page.)

The kitchen galley has three deep-storage drawers located beneath the galley cooktop. (Picture 17.5 on Previous Page.)

A three-level storage cabinet is located below the sink. (Picture 17.6 on Previous Page.) ***Note – Depending on coach options, storage may have limitations.***

Galley Instant Hot Water Dispenser

Picture 18.1
The Lower Galley Compartments Contain Alde Components.

Picture 18.2
Storage Compartment Below Sink Contains Instant Hot Water System.

Picture 18.3
Instant Hot Water Faucet.

Galley Instant Hot Water Dispenser (Continued)

Picture 19.1

Lift the Galley Sink Cover and Rotate Instant Hot Water Faucet Towards Sink.

Picture 19.2

Instant Hot Water Dispenser Switch Located on Right Side of Galley Above Sink Area.

The lower galley compartments contain components for the Alde and instant hot water systems. (Picture 18.1 on Previous Page.) **(*Note – Due to the components in these compartments, storage is not recommended.)**

The galley compartment beneath the sink contains the Instant Hot Water Tank and Water Filter. (Picture 18.2 on Previous Page.)

The instant hot water faucet located on top right side of galley sink. Push handles back to start the flow of water. (Picture 18.3 on Previous Page.)

CAUTION Lift the galley sink lid and rotate the instant hot water faucet towards the sink before starting the flow of water. **Failure to do so could result in damage to galley area and personal injury from hot water dispensed**. (Picture 19.1.)

The instant hot water dispenser switch is located on the side of the galley above the sink area. (Picture 19.2.) *** Note - If optioned with Induction Stove, galley inverter powers Instant Hot Water controls. Otherwise the coach's inverter will power the instant hot water system.***

CAUTION **Turn the instant hot water dispenser off when not in use as this appliance uses a large amount of electricity to operate. Failure to do so could result in significant drain on your battery system.*For detailed information on this appliance, consult the Products/Appliance Owner's Manual that accompanies your coach.**

Lights

For the 12-Volt ceiling lights to operate, your coach's battery disconnect switch must be in the On position. (Picture 20.1)

The 12-Volt oval ceiling lights are individually controlled and are turned on by lightly pushing the lens area of a given light until you hear a click, and then release. (Picture 20.2)

NOTE: These are LED lights which consume very little electricity. (Pictures 20.2 and 20.3)

Picture 20.1

Battery Disconnect Switch in On Position.

Picture 20.2

Picture of 12-Volt Lighting off. Gently Push Upwards on Lights Lens Cover Until You Hear a Click and Release to Turn On.

Picture 20.3

Picture of 12-Volt Lighting in the On Position. Gently Push Upwards on a Light's Lens Cover Until You Hear a Click and Then Release to Turn Them Off.

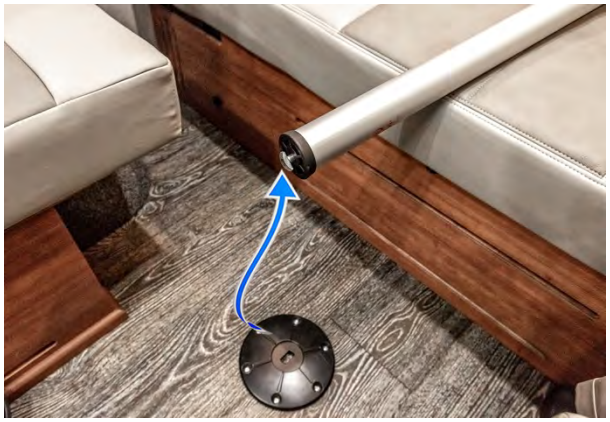
Table Legs and Leg Mounts

The table(s) can be set up to use either for front seating or rear lounge area for dining, computer, gaming, or other recreational use. (See Pictures and Further Description on Pages 21 and 22.) The table legs are stored in the closet to the rear of the washroom. (Picture 21.3)

The leg keys into a T-Nut fitting in the slot of the floor plate(s). (Picture 21.1) ***Note – All table leg floor plates come with covers; remove and store covers in a safe place before inserting T-Nut into the floor plate.** *

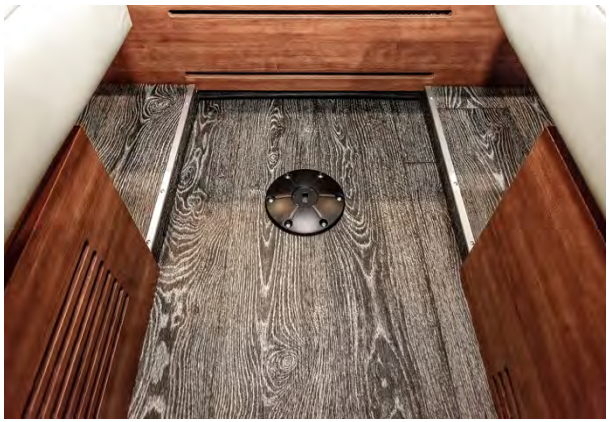
To install the table leg in the floor plate, unscrew the T-Nut all the way on the end of the table leg and insert the T-Nut into the slot in the floor plate. Rotate the table leg clockwise until the table leg is secure and does not wobble. If it does not tighten after 2-3 turns, remove the table leg, unscrew the T-Nut all the way, and repeat. (Picture 21.2)

If it's set up correctly, the table leg will lock in place with little effort. If not setup correctly, don't force the T-Nut. Remove and ensure that the T-Nut is fully extended, and check the keyway on the floor for any obstructions.



Picture 21.1

T-Nut Fully Extended – Leg Mount Base.



Picture 21.2

Leg Mount Bases Located in Coach Rear (Shown Here) and in Front Between 2nd Row Seating and Refrigerator.

Picture 21.3

Double Table Leg Storage Inside Closet to the Rear of the Washroom.

Table Storage and Front/Rear Lounge Table Setup

Picture 22.1

Large Rectangular Table Stored Under Passenger Side Bolster Cushion.

Picture 22.2

Table Base and Storage Location Shown on Passenger Storage Side.

Picture 22.3

Large Angled Table Stored Behind Drivers Just in Front of Refrigerator.

Picture 22.4

Front Dining Lounge Setup.

Picture 22.5

Rear Table Setup.

Picture 22.6

To Stow Front Table, Use Clips and Rubber Bumpers as Shown.

Table Storage and Front/Rear Lounge Table Setup (Continued)

The table tops are stored in the rear under the driver's side bolster cushions and behind the driver's seat **(*Note – Table bottoms fit into circular base holders to keep them from moving or rattling while your motorhome is in motion.*) (Picture 22.2 on Previous Page.)**

The larger rectangular-shaped table fits in the rear underneath the passengers side bolster cushion. (Picture 22.1 on Previous Page.)

The large multi-angled shape table fits up against the cabinet housing the refrigerator just behind the driver's seat. (Picture 22.3 on Previous Page.)

The rear table has a small piece of honeycombed grip liner to place on top when stored. This keeps the cushions from sliding off or moving while motorhome is in motion. (Picture 22.1 on Previous Page.)

Either table can be used for front or rear dining. The larger multi-angled table rotates to allow you to walk around the table setup without having to remove it from the pedestal. (Picture 22.4 and 22.5 on Previous Page.)

To stow the front table, place the bottom of the table behind the rubber bumpers along the bottom, and secure the top with the two white clips attached. (Picture 22.6 on Previous Page.)

Front Swivel Seats

This vehicle will not drive unless the front seats are forward facing and locked. The vehicle will not go into gear.

The two captain's seats in the front of your Roadtrek are adjustable fore and aft by pulling up on the metal bar under the front seats. (Picture 24.2)

Always return the seats to the forward-facing position before driving. They must lock into position for the vehicle to operate.

To create a front lounge area, first ensure that the seats are fully upright by rotating the rear most seat dial forward and bringing the backs of the seats upright. (Picture 24.1) Do not attempt to pivot a reclined seat. Use the forward-aft adjustment bar while pivoting the seats to allow the sides of the chairs to clear the armrests on the vehicle doors, the console cover, and other obstructions. (Picture 24.2) Do not force the seats around. Swiveling the driver's seat may require you to loosen the telescopic steering wheel adjustment and adjust the steering wheel. Opening the front doors slightly will allow you to clear the door armrests easily but is not required.

To rotate the front seats, slide the seats all the way forward, pull the swivel handle inward to swivel the seats. (Picture 24.3)

Picture 24.1

Front Seats Backrest Forward/Rear Reclining Dial. Bring Seat Back Forward Prior to Swiveling.

Picture 24.2

Front Seat(s) Forward/Aft Release Bar. Lift Up on Bar to Move Seat Forward and Aft.

Picture 24.3

To Rotate the Front Seats, Pull/Slide the Swivel Handle Inwards to Release and Turn the Seat.

Front Swivel Seats (Continued)

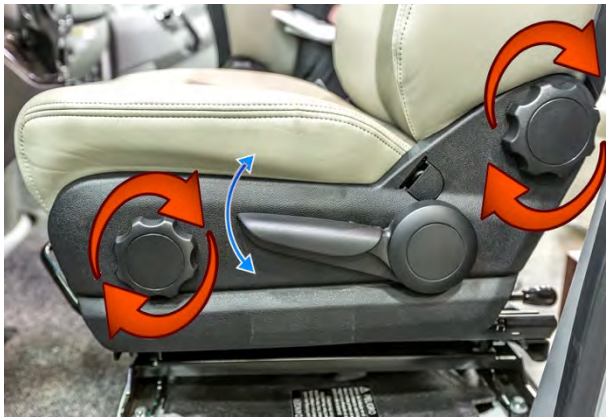
This vehicle will not drive unless the front seats are forward facing and locked.

Emergency brake located on inside of driver's-side front seat must be in down position for seats to swivel correctly. (Picture 25.1)

Both driver and passenger seats have the ability for multiple seating angles and positions. The dials and lever (Shown in Picture 25.2) are used to accomplish this. ***For detailed information on dials and lever operation, please refer to the Chassis Manual that accompanies your coach.**

Picture 25.1

Emergency Brake Handle Must be in Down Position for Seats to Swivel Properly.



Picture 25.2

The Rear Dial Reclines Your Captain's Seat. The Middle Lever Lifts and Lowers Your Seat Base Height. Front Dial Adjusts Your Front Seat Base Height.

Front Swivel Seats (Continued)

The second-row captain's seats' forward and aft movements are controlled by a lever extending forward from the bottom of the seat. (Picture 26.1) To move the seat forward or aft, move the lever towards the driver's wall of the coach to release the lock. Once moved, pull the seat forward or aft to the desired position.

The second-row captain's seat's swivel motion is controlled by a lever extending towards the inside of the coach on under the seat base. (Picture 26.2) To swivel the seat, push the lever towards the rear of the coach to release the lock and rotate the seat to the desired position.

Picture 26.1

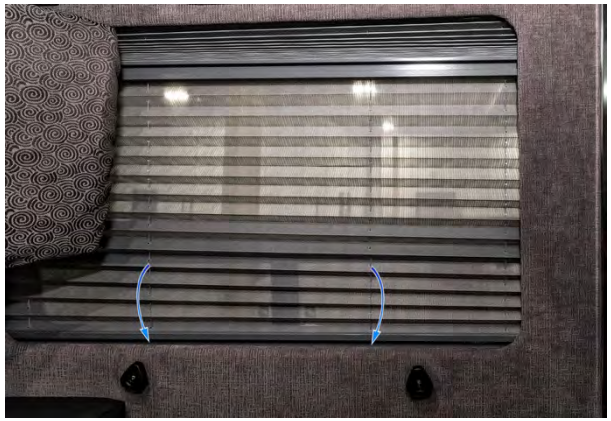
To Move the Second Row Seat Forward or Aft, Move the Lever Towards the Coaches Wall and Position the Seat as Desired.

Picture 26.2

To Swivel the Second Row Seating, Push the Lever on the Side of The Seat Base Towards the Rear and Swivel Seat to Desired Location.

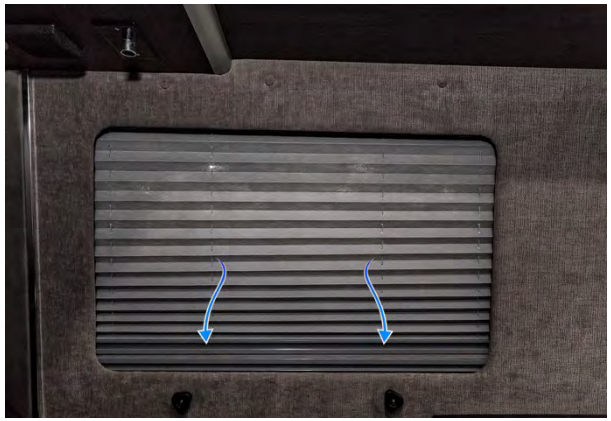
Always return the seats to the forward-facing position when driving. The seats will lock into place as you swivel them to the forward-facing position.

Window Treatments



Picture 27.1

Roadtrek Window with Pleated Dual Layer Shades. Daytime Layer Allows Some Light and Visibility.



Picture 27.2

Roadtrek Window with Pleated Dual Layer Shades. Nighttime Layer Allows Very Little to No Light and Visibility

Picture 27.3

Roadtrek Window in Kitchen Galley Behind Stove Top Uses Metal Mini-Blinds.

Your Roadtrek driver's-side rear window and passenger's-side rear window come with dual pleated window shade coverings. (Pictures 27.1 and 27.2). The daylight shade allows for some light and visibility while the nighttime shade blocks out almost all light and visibility.

(*Note - To open the awning windows, turn the knob underneath each window to the right. To close, turn the knobs to the left.)

For easy operation, use two hands to guide the shade(s) up or down using the grooved fingertip lift rail. (Picture 27.2)

The window in the kitchen galley directly behind the stove top uses is equipped with easy-to-clean metal mini-blinds. When in the down and closed position they will provide privacy as your day/night shade system does. (Picture 27.3)

The mini-blinds in the kitchen galley are made of metal and are easy to clean in case of splatter from cooking or water coming from the sink area. The window in the kitchen galley does not open.

Rear Windows and Sliding Passenger Side Door

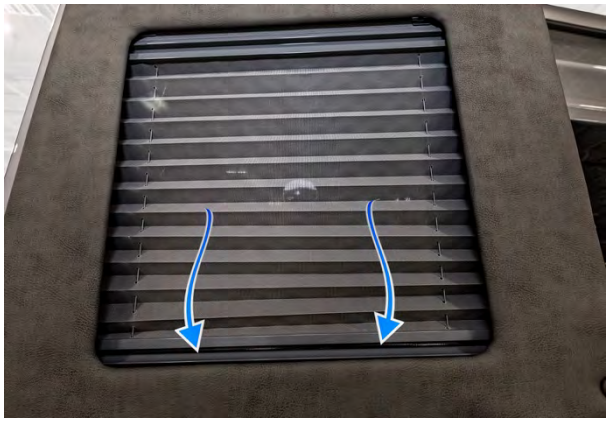
Your Roadtrek rear windows come with dual pleated window shade coverings. (Picture 28.1 and Picture 28.2)

The daylight shade allows some light and visibility into the coach. For smooth operation of shade, use two hands on the grooved fingertip lift rail to lift up or pull down. (Picture 28.1)

The nighttime shade blocks out almost all light and all visibility into the coach. For smooth operation of shade, use two hands on the grooved fingertip lift rail to lift up or pull down. (Picture 28.2)

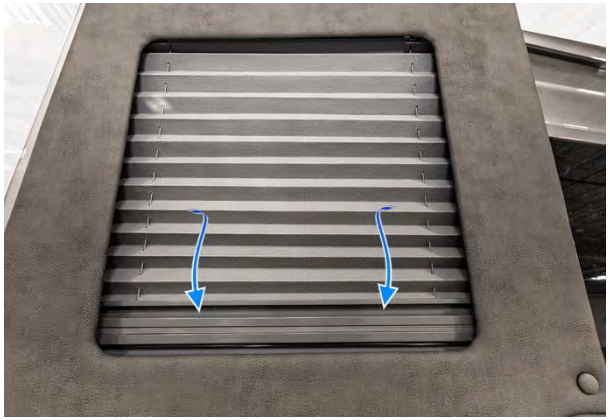
The passenger side sliding glass door has a curtain used for privacy. To slide the curtain, unhook the curtain tie from front washroom wall. Slide curtain across the door area to the pillar behind the front passenger's seat. Attach the snap on the curtain to the receiver on the pillar to stretch curtain taut. (Picture 28.3)

The Rear Windows Do Not Open.



Picture 28.1

Roadtrek Rear Door Window with Pleated Dual Layer Shades. Daytime Layer Allows Some Light and Visibility.



Picture 28.2

Roadtrek Window with Pleated Dual Layer Shades. Nighttime Layer Allows Very Little to No Light and Visibility

Picture 28.3

Slide the Curtain from the 2nd Row Passenger Seat to the Pillar Behind the Front Passenger Seat. Use the Snap On the Curtain to the Receiver On the Pillar to Tighten Curtain.

Front Window Treatments

Your Roadtrek comes equipped with a three-piece privacy shade system for your coach's front windows. Setup information and illustrations are below.

Picture 29.1

Storage Bag Containing Three Window Shades. Easily Stored Under Power Sofa.

Picture 29.2

Front Door Window Shades.

Picture 29.3

With Door Open, Place Shade in Place to Outline Window using Sewn in Magnets.

Picture 29.4

Door Shade in Place with Cabin Door Closed.

Picture 29.5

Front Windshield Shade. ***Note – Use Velcro Slot to Surround Rear View Mirror.**

Picture 29.6

Windshield Shade Installed. ***Note – Use Sun Visors to Secure Top in Place.**

Ventilation

Your Roadtrek is equipped with a ceiling-mounted ventilation fan. Fan is located between the washroom and galley. (Picture 30.1)

When cooking or using the galley stove, ensure the ventilation fan is operating in this area.

The fan has a cover that must be raised prior to using by rotating the knob. (Picture 30.2) Turn the knob towards the left (Counter-Clockwise) to raise the cover. Then use the remote to set the desired speed. Turn the knob to the right (Clockwise) to lower the fan cover.

There is a fuse in the body of the fan. (Picture 30.3) There is also a fan fuse in the distribution panel. Check both fuses if your fan stops working.

For more details, please refer to the appliance manual.

CAUTION Turn the fan off and close the cover completely before driving. If you drive with the cover open, it will rattle and might be damaged by wind pressure if you drive with it open.

CAUTION Open the side windows and open the window shades slightly to allow for airflow.

Picture 30.1

Ventilation Fan Located Between Washroom and Galley.

Picture 30.2

Turn the fan knob to raise and lower the ventilation fan cover.

Picture 30.3

Fuse body cover.

Sleeping Facilities

Your Roadtrek can be configured as two-Twin or one King bed setup. Follow the steps on Pages 31 & 32 to setup your desired sleeping facilities.

Picture 31.1

Use Button to Lower Sofa Into Position for Bed Make Up.

Picture 31.2

Power Sofa In Down Position Creating Dual 76”x27” Twin Size Beds.

Picture 31.3

To Start Conversion Into King Bed, Remove Passengers-Side Bolster Cushions to Reveal Your Bed Board.

Picture 31.4

Place Bed Board Between Bolster Bases to Start Assembly of King Size Bed.

***Note – Make Sure to Push Seat Belt Receivers Through Cushions Before Lowering Sofa When Making Your Bedding Configuration.**

*** Note – The Angled Corners of the Bed Board Rests Up Against Rubber Bumpers.**

Twin and King Bed Instruction (Continued):

Picture 32.1

Replace the Bolster Cushions to Start the King Bed Configuration.

Picture 32.2

Completed King 76”x74” Bed View from Front of Coach.

Bathroom Facilities

Your Roadtrek is equipped with a permanently-enclosed bathroom that includes a commode, sink and a stand-up or sit-down shower.

To secure your bathroom door for driving, close the left door first and then the right door. Push down the security pin so that it engages behind the lip of the lower washroom. (Picture 33.1)

To secure the bathroom door from the inside, overlap the left side door over the right-side door and use the inside latch to secure. (Picture 33.2)

The bathroom in your Roadtrek contains a marine-type toilet. (Picture 33.3) To flush the toilet, use your foot to press the foot pedal located at the bottom of the toilet to expel the waste, then release the foot pedal once bowl is emptied.

Do not use standard toilet paper which will clog your black water tank - use only camping-grade paper which will dissolve easily when it gets wet. *For detailed information on this appliance, consult the Products/Appliance Owner's Manual that accompanies your coach.

Picture 33.1

Security Pin in Unlocked Position. Secure Pin Prior to Driving Motorhome.

Picture 33.2

View of Inside Latch in Secured Position. Toilet Paper Holder is Directly Beneath.

Picture 33.3

Toilet, Toilet Pedal and Shower Drain.

Shower Setup:

The Roadtrek comes with a permanently-enclosed washroom with a stand-up or sit-down shower:

Please refer to pictures starting on page 35.

Taking A Shower

- To take a shower, unscrew the drain stopper in the bathroom floor and store for safe keeping and reinstallation after your shower. (Picture 35.1)
- If the shower hose is disconnected, connect to the black threaded fitting behind the sink faucet handles. (Picture 35.2)
- Release velcro straps retaining the shower curtain and slide the shower curtain along its ceiling-mounted track to enclose the shower space. (Picture 35.3 and 35.4)
- Pull the knob between the water dials up to start the flow of water. (Picture 35.5) Adjust the water temperature using the hot and cold water dials on the sink faucet.
- Refasten the drain stopper to prevent contents of the grey water tank from sloshing into the shower area.

After Showering

- Turn off the water and push the knob between the water dials back down to switch the water flow back to the sink faucet.
- Refasten the drain stopper to prevent contents of the grey water tank from sloshing into the shower area.

When finished showering, air dry or wipe off shower door and shower curtain before re-securing.

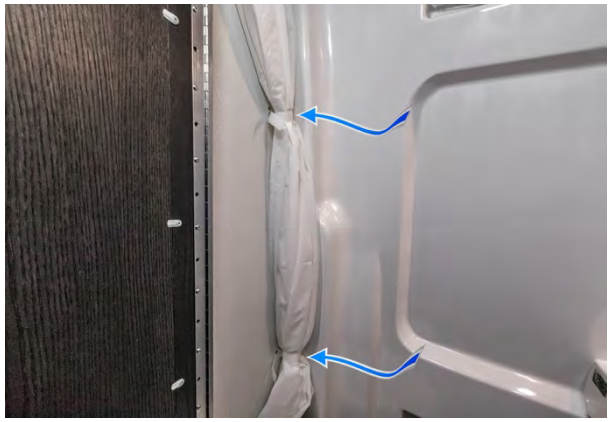
Shower Setup Continued:

Picture 35.1

Unscrew the Drain Stopper In the Bathroom Floor.

Picture 35.2

Shower Hose Threaded Connect Fitting.



Picture 35.3

Release Velcro Straps to Slide Shower Curtain Along Track.

Picture 35.4

Pull the Shower Curtain All the Way to End of Track.

Picture 35.5

Pull Up on Knob to Start Flow of Water for Shower. Push Down When Done.

Picture 35.6

Washroom Light and Shower Handle Holder.

Refrigerator

The refrigerator is a 12-Volt DC compressor model. (Picture 36.1) When shore power is available, the inverter charger provides enough power to run the fridge without discharging the batteries.

* Refer to the appliance manual for operation details.

Picture 36.1

Refrigerator Located on Right Side of Galley Facing Towards Side Entry Door.

Picture 36.2

Refrigerator View from Front with Door Open.

Refrigerator Latch

Picture 36.3

Pull Straight Back on Latch and Pull Door to Open Refrigerator and Freezer.

Microwave Oven

The 1.0 cu. ft. convection/microwave can be used on convection or microwave. (Picture 36.4)

It operates similarly to the microwave and oven in your house and operates on 120-Volt AC. It

is generally lower-powered then a home unit, so cooking may take a bit longer.

The microwave will operate from the batteries through the inverter for power.
Note – For Microwave to Operate, The Galley Inverter Must Be On.

For extended microwave use, you should be connected
to shore power, have the galley inverter on or have the under-hood generator running.

Picture 36.4

Convection Microwave Oven

Propane Cooktop

Make sure to open a window or a door for proper ventilation and the roof vent to exhaust steams when using the cooktop.

Rotate the burner knob to the ignite position and push down on the striker button. (Picture 37.1)

Once lit, continue to turn the knobs to the desired flame height.

* Read the appliance specific manual before operating the cooktop.

Picture 37.1

Propane Cooktop.

Water Heater

Your Alde system is a heating/water heater combo system which is controlled by the Alde monitor panel. (Picture 37.2) The water heater has a 2.2 gallon capacity. The Alde component is located in driver's side bolster seat box behind galley. (Picture 37.3)

Picture 37.2

Alde Monitor Control Panel. Control Panel Is Located Drivers Side Behind Galley Closet. ***Read the Alde Appliance Manual for Specific Operating Instructions.***

Picture 37.3

Alde Component in Driver Bolster Box. ***Note – Alde System Water Reset Button Shown. If Triggered, Push Down and Turn Blue Trigger Button Shown.***

Picture 37.4

***Alde Component Location and Components in Passenger Side Bolster Do Not Allow For Storage in Either Location.**

(Optional) Induction Cooktop

Make sure to open a window or a door for proper ventilation and the roof vent to exhaust steams when using the cooktop.

Press the power button once to turn stove on. (Picture 38.1)

***Note – Kitchen galley inverter must be in on position for cooktop to operate.* (Picture 38.2)**

Note -This cooktop stove requires special induction ready cookware for operation.

*Read the appliance-specific manual before operating the cooktop.

Picture 38.1

Induction Cooktop Stove.

If your Roadtrek has one or two optional ion cooktop stoves, your coach will contain two inverters. One inverter will operate the 110-Volt items in your coach and the second will be dedicated to the 110-Volt items in your kitchen galley. Location of inverter will vary by build.)

Picture 38.2

Kitchen Galley Inverter Switch Located Behind Refrigerator on Right Side of Galley Over Sink.

Picture 38.3

Kitchen Galley Inverter Located Inside Galley Cabinetry. ***Note – Storage is Not Recommended in This Area. Allow Proper Air Flow for Inverter.***

Picture 38.4

If Your Roadtrek is Optioned with 2 Induction Cooktops, the Second Will be Placed In a Drawer In The Cabinet Behind the Galley.

Home Theatre System

Your Roadtrek is equipped with a 12-Volt 6-speaker home theatre system. The speaker system is controlled through your 110-Volt Blu-Ray remote control and viewed on the optional 24” 12-Volt HDTV. (Picture 39.1)

The cabinetry directly above the Blu-Ray player, the cabinetry houses cable TV, over-the-air antenna, 12-Volt TV power receptacle and speaker control knob. (Picture 39.2)

Controlling the Rear Speakers:

The surround-sound system allows you to control the speaker output of your choice. The surround sound setting allows all speakers to function as part of your TV/home theatre system, the Automotive setting allows your rear speakers to connect to the dash radio, and the Off setting turns rear speakers off. (Picture 39.2)

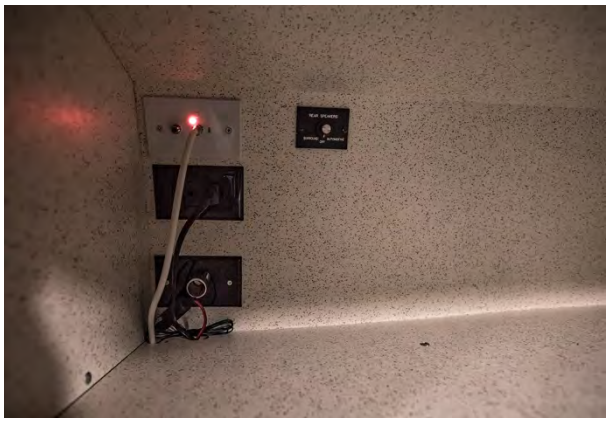
Optional HDTV

The optional HDTV allows viewing from both the rear and front of your coach. Just release the bracket knob to swivel your TV to desired position. (Picture 39.3)

(* Note: If the television arm starts to loosen or move while driving, there are slot screws on the tension catch that can be tightened or loosened as needed. *)

Picture 39.1

Blu-Ray Player in Rear of Coach.



Picture 39.2

Cable Antenna, Over the Air Antenna, 12-Volt and 12-Volt Power Receptacle for HDTV and Speaker Control Knob.

Picture 39.3

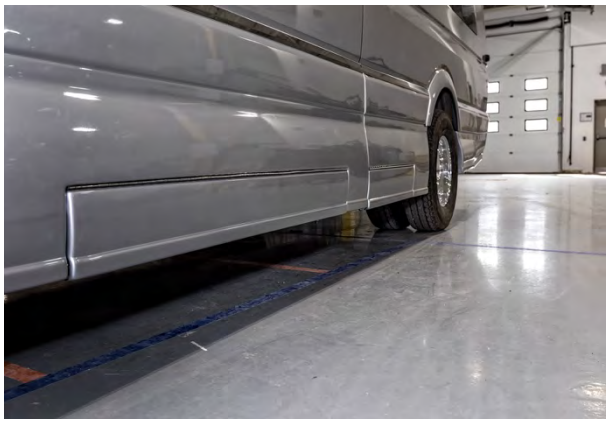
Optional HDTV Shown in Swivel Position Facing Towards Front of Coach.

Outside Your Roadtrek

Running Boards on Driver's Side

Your Roadtrek has lift up running boards on the driver's side of the vehicle. (Picture 40.1) When lifted these running boards when lifted will allow access to your city water intake, propane system (If Equipped), external cable TV hookup, chassis spare tire location, macerator hose and gate valves for grey and black tanks, and 30AMP external power hook up. Use the moveable metal bracket to hold the running boards up when needed. (Picture 40.2)

***Note: - Do not push down on running board when bracket is engaged as it can cause damage to the running board, tab and coach body.**



Picture 40.1

Running Boards on Drivers Side of Vehicle in Closed Position.

Picture 40.2

Running Board in Open Position Being Held by Rotating Tab.

Outside Your Roadtrek Continued:

Running Boards on Drivers Side Continued:

The forward most running board will reveal your city water connection, propane system (If Equipped), followed by your macerator hose and waste gate valves for grey and black tanks, and exterior cable TV hookup. (Pictures 41.1, 41.2 and 41.3) The rear running board houses the spare tire location, (Picture 41.4) and 30AMP hookup. (Picture 41.5)

Picture 41.1

City Water Intake Valve.

Picture 41.2

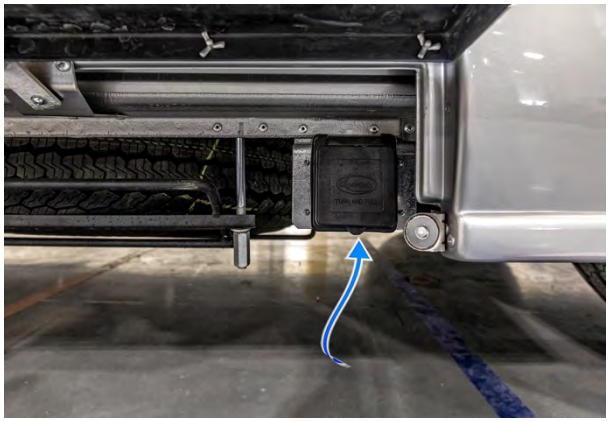
Propane Fill Under Yellow Cover. Gauge Level Indicated by Arrow.

Picture 41.3

Macerator Hose, Black and Grey Tank Valves and External Cable Hook Up.

Picture 41.4

Spare Tire Location.



Picture 41.4

30AMP Shore Power Hook-Up.

Outside Your Roadtrek Continued:

Awning

Your Roadtrek is equipped with an easy-to-use power roll-up awning. To extend the awning, use the power extend/retract button located over the passenger-side cab seat. (Picture 42.1) *** Note – The awning power button requires 12-Volt power; make sure your battery disconnect is in the On position.***

The awning has two support struts that must be used to support the awning while extended. These secure to the two leg bracket attachment points on the exterior passenger side of the Roadtrek. (Picture 42.2)

Awnings are susceptible to damage from wind. For this reason the awning should never be left extended when you are away from the vehicle. If inclement weather is in the forecast, stow your awning until it clears. (Picture 42.3)

Picture 42.1

Roadtrek Power Awning Extend/Retract Button Located Over Passenger Cab Seat.

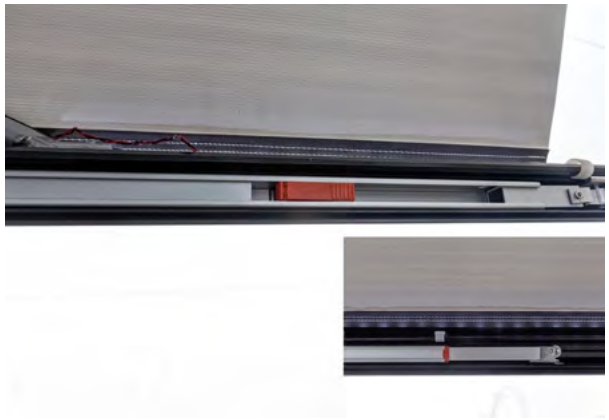
Picture 42.2

Roadtrek Awning Leg Bracket.

Picture 42.3

Roadtrek Awning in Closed Position.

Refer to the awning manual for the proper way of securing the awning supports to the attachments. The following pictures will show you how to release the support legs, attach them to the coach, and secure the awning legs.

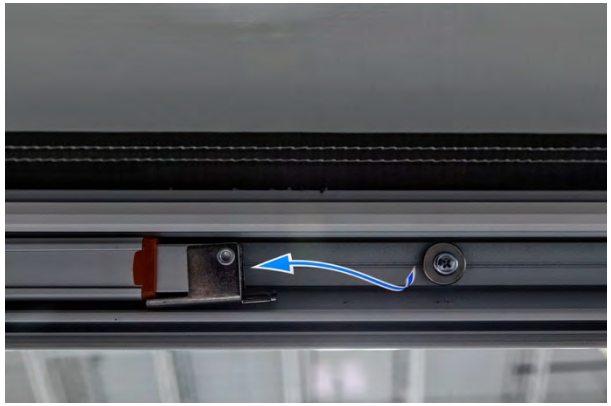


Picture 43.1

Awning Leg Release Clip in Closed Position. Awning Leg End Secured.

Picture 43.2

1. To Release Awning Leg, Pull Awning Leg Clip Outward.



Picture 43.3

2. Slide Awning Leg End Away from Locking Screw Point. Once Released, Pull Awning Leg Away from Track.

Picture 43.4

3. After Releasing Leg from Awning Track, Either Secure Using Brackets Attached to Coach or Secure into the Ground.

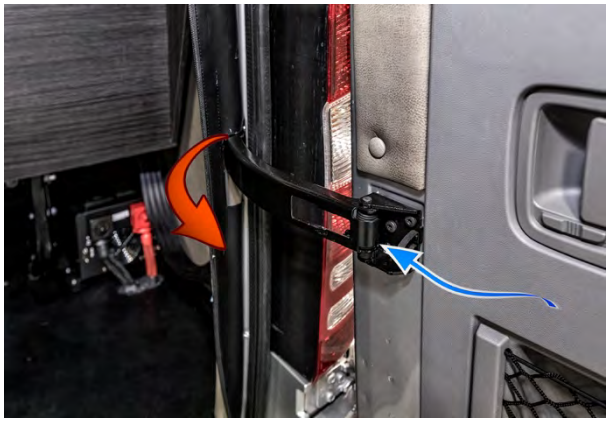
*** Note – The awning is only powered when the ignition is in the Off position. The awning button will not operate with the engine running.**

Rear Doors:

The rear doors of your Roadtrek have the ability to open to 90 degrees and to 270 degrees resting against the coach. To open:

Picture 44.1

Pull the Rear Doors Until the Door Bracket Locks in Place at 90 Degrees.



Picture 44.2

To Release Bracket, Push Door Closed Slightly and Pull Bracket Inward.

Picture 44.3

Pull Door and Bracket Until Clear of Housing. Secure Bracket to Door.

Picture 44.4

Door Magnet Receiver Mounted on Coach.

Picture 44.5

Magnets on Rear Doors of Coach. The Door Magnets Prevent the Doors From Swinging Closed.

Picture 44.6

Rear Doors Opened 270 Degrees.

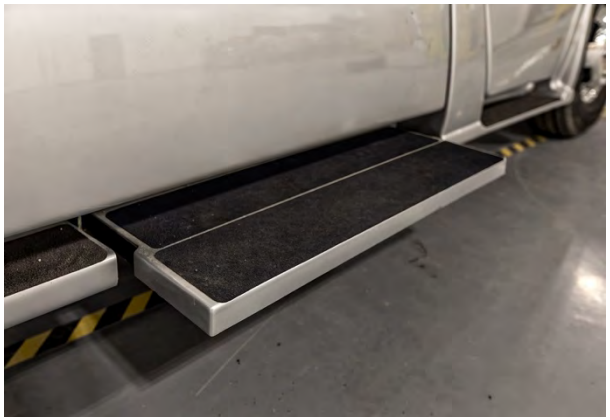
Outside Your Roadtrek Continued:

Exterior Step

Your Roadtrek is equipped with a side entry step that automatically extends when you open the passenger side entry door. (Picture 45.1)

To keep the step extended when the side door is opened or closed, turn the switch located on the inside pillar to the On position. (Picture 45.2) When in the Off position, the side entry step will extend and retract every time the side cargo door is opened.

*** Note - For safety reasons, the side entry step will retract automatically when the coach's ignition is turned on. Even if the step is in the On position, the step will still retract. This is to prevent damage that may be caused while driving with the step in the extended position.***



Picture 45.1

Step Extended.

Picture 45.2

Coach Step Switch.

Outside Shower

On the driver's side near the rear, there is a rectangular compartment which houses the outside shower. (Picture 45.3) Like your inside shower, the outside shower will provide hot and cold running water should you need it. Use the CH751 key which came with your Roadtrek to unlock the door. When finished, coil the hose and replace the showerhead to allow for the door to close.

Picture 45.3

Outside Shower Compartment Showing, Hose, Faucet and Showerhead.

Outside Your Roadtrek Continued:

Shore Power

The shore power connection is through the shore power cord and stored in the rear of the coach under the sofa. (Picture 46.1)

The shore power connect port is located underneath the second running board on the driver's side right in front of the rear axle. Notice that one terminal has a slight bend to it. (Picture 46.2)

Match up slightly bent terminal on connect port with slightly bent terminal on 30AMP shore power cord. (Picture 46.3) After lining up the terminals, gently push the cord until the prongs are completely seeded and turn the power cord slightly to the right. Proceed to take the black plastic threaded ring and line up with threads on connect port. Turn clockwise to tighten and secure the power cord to the connect port. When connected and plugged into a power source, the red light on the power cord will illuminate.

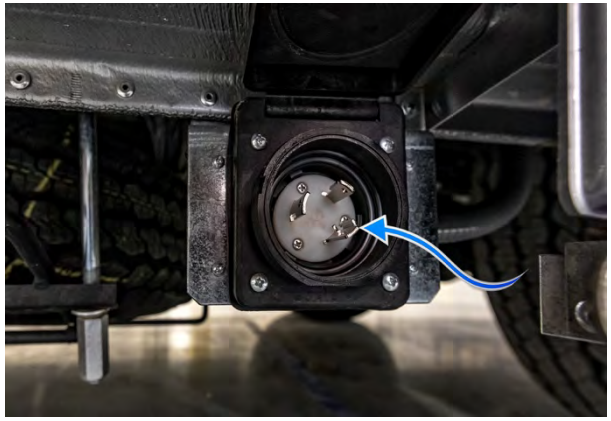
The switchover from shore power to inverter is automatic. Before plugging in, turn on the coach inverter switch located next to monitor panel. To connect to external (shore) power, plug your power cord into a 30AMP power source. At this point your inverter will recognize the power source.

If a true 30AMP power source is not available, adapters are available that allow for plugging into 110-Volt outlets.

See HOW TO's: Shore Power for a concise guide on how to connect and disconnect to shore power.

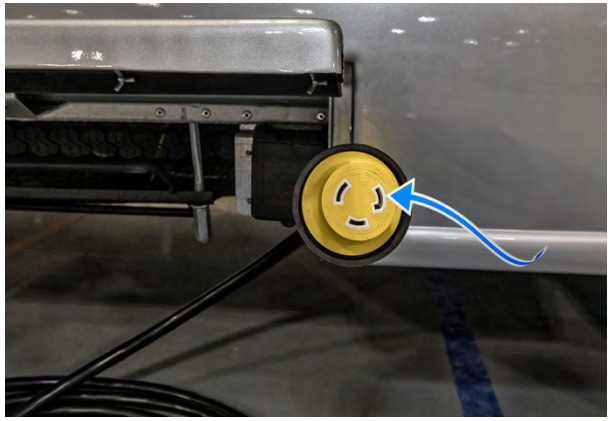
Picture 46.1

30AMP Power Cord Stored in Rear of Coach.



Picture 46.2

30AMP Connect Port. **(*Note – Bottom Terminal with Slight Bend.)**



Picture 46.3

30AMP Power Cord. **(*Note – The Bend in the Terminal with Blue Arrow. Attach to Terminal in Picture 45.2.)**

Utilities

Just like your house, your Roadtrek has fresh water, electricity, waste water disposal, heating and cooling systems. In the Roadtrek these systems are self-contained and travel with you. Your vehicle should be reasonably level to allow for normal operation of these systems.

Fresh Water

Your fresh water tank uses a gravity fill system, located in the front passenger's side door pillar. (Picture 47.1) You can fill the fresh water tank from a convenient water spigot and designated water fill hose. **(Do not use a garden hose unless it is for Potable Water.)**

To fill the tanks, open the passenger's side front door and remove the orange plug. Remove the black protective cover and make sure the water intake line ball valve is in the open position. (Picture 47.2 and 47.3) ***Note – Do not run the hose bib wide open, fill tank slowly.***

When the tank is full, water will flow out of the fill port. Check your monitor panel to determine when the fresh water tank is full. When full, turn the water intake valve ball to the closed position to use the water in the fresh water tank. ***Note – If left in the open position, air will build up in the water line and affect your water pressure.***

Roadtrek recommends that you use a dedicated single-purpose potable water hose. These are usually white in color. Use this hose only for filling your tank and connecting to city water. Always flush faucets and hose thoroughly before use.

Picture 47.1

Fresh Water Tank Fill Located in Passengers Side Door Pillar.

Picture 47.2

Black Protective Cover Housing Water Intake Line Ball Valve Joint.

Picture 47.3

Fresh Water Intake Valve in Closed Position. Turn Parallel with Water Line to Allow for Fill Up of Fresh Water Tank.

Utilities Continued:

City Water

Your Roadtrek can operate in either fully-self-contained mode or can be connected to a water supply. If your city water connection has a built-in regulator (Picture 48.1 or 48.2) you do not need an external regulator. **If unsure, purchase and use an external regulator.**

The city water connection is located on the driver's side of the vehicle behind the first running board. (Picture 48.1 and 48.2)

Before making the city water connection, make sure the ball valve located on the inside of the passenger's side of the vehicle behind the black plastic protective vent cover is in the closed position. (Picture 48.3) Turn off the water pump and close all interior faucets.

Unscrew the plastic protective cap, rinse the area with clean water and connect your potable hose to the supply faucet and water intake valve.

Turn the faucet on slowly checking for leaks and tightening the connections as needed.

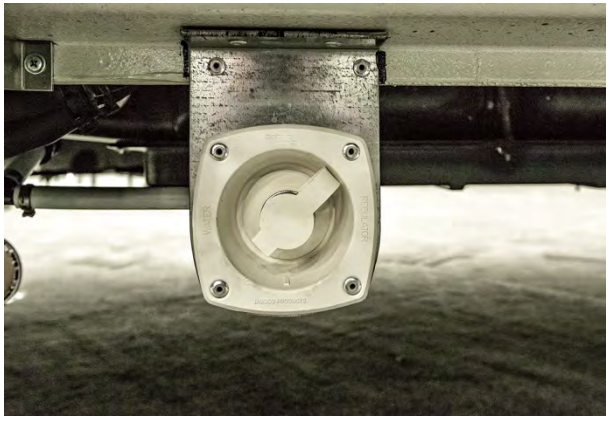
The city water connection by-passes the water pump and fresh water tank. Therefore, the use of these items is not necessary when connected directly to an external water source.

See HOWTO's Potable Water Use for further instructions on how to hook up to city water.

Roadtrek recommends that you use a dedicated single-purpose Potable Water hose. These are usually white in color. Use this hose only for filling your tank and connecting to city water. Always flush faucets and hose thoroughly before use.

Picture 48.1

City Water Intake Valve with Built-In Pressure Regulator.



Picture 48.2

City Water Intake Valve with Built-In Pressure Regulator.

Picture 48.3

Fresh Water Intake Valve in Closed Position.

Utilities Continued:

City Water Continued:

To disconnect from the city water connection:

- Turn off the external water source.
- Open a faucet inside the motorhome to relieve the pressure in the system. The kitchen galley sink is a convenient place to do this.
- Make sure the fresh water intake valve is in the closed position.
- Remove the hose from the city water connection and replace the protective plastic cap.

Waste Water

Sink and shower water drain into the coach's grey tank. The shower and sink have traps to prevent tank odors from entering the living space.

Be sure to replace the screw-in plug in the shower drain after use to prevent grey water from sloshing up into the shower pan from the grey water tank. (Picture 49.1)

Picture 49.1

Screw in Shower Drain Plug to Prevent Water in Grey Tank from Entering Into the Shower Pan.

The grey and black water tanks' level indicators on the monitor panel will give you an approximate indicator of your tank levels.

When the grey water tank is full, water will no longer drain from the shower or either sink. You must dump the grey tank before running any more water.

If you can see below the toilet valve in the bowl of your toilet, your black tank is also full and needs to be emptied before further use.

Use only RV or septic rated toilet paper in the coach's toilet. Any other items thrown into the black tank could cause the macerator system to jam or become damaged.

See HOW TO: Waste Water Dumping for more information.

Note - Black and Grey water tank capacities can vary depending on options and configuration.

Utilities Continued:

Indicators

The fresh, grey and black water tank indicators located on the monitor panel will give you an approximate amount of your tanks' capacities.

Push on button above the tank label that you are looking to see the tank's approximate amount of water or waste.
The indicator lights above the tank buttons will provide you with the current levels. (Picture 50.1)

Note - Black and Grey water tank capacities can vary depending on options and configuration.

Picture 50.1

Push on The Tank Button and Indicator Lights above Will Provide Approximate Tank Levels.

Air Conditioning and Thermostat

The air conditioner provides cooling for your Roadtrek using shore power, batteries, or the underhood generator. The air conditioner can be operated normally when plugged in to shore power or running the underhood generator while driving or idling. The air conditioner will run for a limited time on your AGM or lithium batteries. The air conditioner thermostat is located on the passenger side rear wall over the sofa. (Picture 50.3)

Picture 50.2

Roof Mount Air Conditioner

Note - If your Roadtrek is parked on an incline, it is possible for condensation from the air conditioner to leak into the living space. If this happens, park on a more level location.

Picture 50.3

Air Conditioner and Fan Thermostat.

Utilities Continued:

Heating Alde Radiant Heating System

The Alde radiant heating system provides, hot water, coach heating, and engine pre-heating for your Roadtrek. The Alde control unit is located on the rear drivers-side closet in the uppermost left hand corner. (Picture 51.1)

Read the Alde Appliance Manual for Specific Operating, Storage and Coolant Information and Instructions.

Note - Never Block or Obstruct the Air Ducting When Operating Your Furnace.

Alde Summer Pump Switch, Exhaust Vent, and Coolant Reservoir

The Alde system has a Summer Pump control switch. To turn on, use the Alde switch located directly next to the Alde Control Panel. (Picture 51.1)

The exhaust vent for the Alde furnace is located under the coach near the front axle on the driver's side of the coach.

The Alde anti-freeze reservoir is located in the rear cabinet of the kitchen galley. (Picture 51.2) Visually check the coolant level on a regular basis and replace with recommended anti-freeze as needed. ***Note - Refer to Alde Manual for recommended fluid replacement.***

Picture 51.1

Alde Summer Pump Controller Switch.

Picture 51.2

Alde Coolant Reservoir.

Utilities Continued:

Heating Continued:

Alde Frost Protection Mode

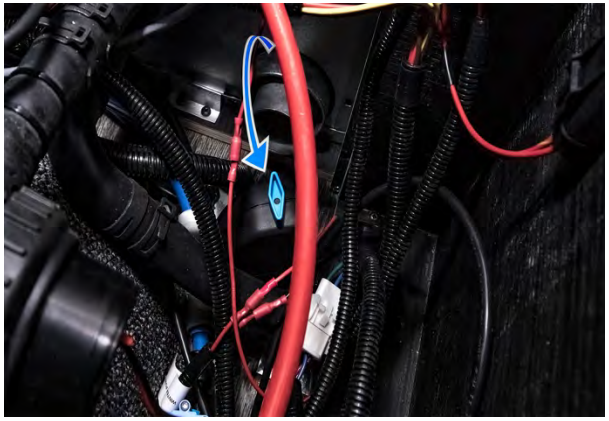
The Alde system will protect itself from freezing by dumping the water in its tank if the temperature approaches freezing.

If your Alde system has dumped, you will need to reset the frost control valve. Open the compartment that houses your Alde, turn the frost control valve 90 degrees from its tripped position to reset and press the Alde reset button on the side of the control-valve housing. (Picture 52.1)

***Read the Alde Appliance Manual for Specific Operating and Reset Instructions.* "Note - Never Block or Obstruct the Air Ducting When Operating Your Furnace."**

Alde Engine-Heat Exchanger and Engine Pre-Heat

The Alde system is provisioned with an engine heat-exchanger. The heat exchanger can pre-heat your engine in cold temps. The switch for the engine pre-heat is located on the passenger seat pedestal. (Picture 52.2)



Picture 52.1

Alde Frost Control in Operating Mode.
Turn to Right to Reset if Tripped.

Picture 52.2

Alde Engine Pre-Heat Switch Located on
Passenger Seat Pedestal.

Dumping

The macerator dump hose, along with the grey and black tank gate valves, are located under the first set of running boards on the driver's side of the coach. (Picture 53.1)

Note – The macerator hose is approximately 1½ " in diameter. A 4" rubber adapter is included in your coach's accessory box. Place this adapter on the hose end to fit the standard 4" hose dump locations.

The macerator dump 12-Volt power button is located on the driver's seat base. (Picture 53.2) ***Note – 12-Volt battery disconnect must be in the On position for macerator to operate.***

Pull out the macerator hose and place in dump facility. Open the flow valve on the hose neck to allow for the flow of tank contents. See open position in picture 53.1.

Open the black tank gate valve and press and hold the macerator button to empty black tank**. * Note – Pouring water down the coach toilet while pumping will assist in cleaning out any remaining sediment in the toilet and black tank.***

After pumping contents of black tank, close the gate valve and open the grey tank gate valve. Press and hold the macerator button to empty the contents of the grey tank. *** Note – Dumping the contents of the grey tank will assist in cleaning the macerator hose of any contents left behind from the dumping of the black tank.***

* Note – If the macerator becomes clogged during pumping, release the macerator discharge pump button. Use the macerator override handle to loosen the object. Push the handle in and turn the handle left and right to attempt to loosen the clogged object. (Picture 53.3)

Picture 53.1

Macerator Hose and Tank Gate Valves.

Picture 53.2

Macerator Discharge Button.

Picture 53.3

Macerator Override Handle.

Monitor Panel

Picture 54.1

Roadtrek Monitor Panel.

The monitor panel is located inside your Roadtrek above the second-row side entry door.

Power Sources

The monitor panel controls the 12-Volt DC power and water pump, patio light, voltage meter and the tank gauges. (Picture 54.1)

12-Volt DC Power

The power to the 12-Volt DC outlets and appliances is controlled by the battery disconnect switch on the lower portion of the monitor next to the battery voltage meter. (Picture 54.2) * Note – Lithium batteries must be on before the 12-Volt battery disconnect switch will operate.* (If Equipped)

The battery disconnect switch supplies 12-Volt battery power to the 12-Volt lights and other cabin appliances. This switch must be on for any of the 12-Volt electrical devices to work. To avoid discharging the batteries when your Roadtrek is not in use, remember to turn off these switches:

- The two inverter switches (If Equipped) - *Note – See description on page 54 and 61*
- The battery disconnect switch

When your battery disconnect switch is turned on, you will see your Battery Voltage Meter displaying the level of your coach batteries. When in the Off position, no lighting 12-Volt appliances, 12-Volt electronics or 12-Volt plugs will operate.

Picture 54.2

Battery Disconnect and Voltage Meter.

Picture 54.3

Coach Inverter Switch.

Picture 54.4

Inverter Switch in Galley. (If Equipped.)

Inverters

The inverter provides 120-Volt AC (household current) to the 120-Volt appliances and wall outlets. The inverter has a power draw when turned on, so ensure that it is turned off when 120-Volt power is not needed.

- ✓ *** Note - Only use the inverter power switch to operate the inverters. In the On position, the inverter switch over the side entry door will run all 120-Volt items in the coach and provide power to your 110 outlets.* (Picture 54.2 on Previous Page)**
- ✓ *** Note - Only use the inverter power switch to operate the inverters. In the on position, the inverter switch over the kitchen galley sink and stove will run all 120-Volt appliances in the kitchen galley. * (Picture 54.3 on Previous Page)**
- ✓ *** Note – Allow for proper air flow around inverters. Do not block vent areas. Failure to do so can cause overheating, damage or failure of inverters. (Picture 55.3)**
- ✓ **NEVER USE THE SWITCH LOCATED ON THE ACTUAL INVERTER(S) TO TURN IT ON OR OFF. THIS SWITCH IS THERE FOR MAINTENANCE PURPOSES ONLY AND SHOULD ONLY BE ACCESSED BY A CERTIFIED ROADTREK SERVICE TECHNICIAN.**

Picture 55.3

Venting for On-Board Inverters. ***Note – To Prevent Over Heating and or Damage Do Not Block Area and Allow for Air Flow.**

Other Switches

Picture 55.1

Monitor Panel with Patio Light Switch in the On Position.

Picture 55.2

Monitor Panel with Water Pump Switch in the Off Position.

Other Switches Continued:

Patio Lights

On the monitor panel, the top left switch is the patio light switch. Press the top of the button to turn the lights on, and the bottom to turn them off. These are LED lights and use very little power. (Picture 55.1 on Previous Page)

Water Pump Switch

The top right switch is the water pump switch. It should be on only when you have water in the fresh water tanks and wish to use the sinks, showers, or toilet. The pump should not be on without water in your tanks or water supplied from an exterior water connection source. As with the patio light switch, pressing the top of the button turns the pump on, and pressing the bottom turns it off. (Picture 55.2 on Previous Page)

Tanks and Charge Indicators

The battery-charge-level indicator is located directly to the right of the battery disconnect switch. The fresh, grey, and black water tank levels are located just under the Roadtrek Logo. The button to check these levels are located just beneath the level indicators. Your battery disconnect switch must be on for these displays to work. Press the button for each to see the display. These will give you an approximate reading, to the nearest third, of how much is in each tank. The four indicator levels for the water tanks are full, 2/3, 1/3 and empty. (Picture 56.1)

***Note - Black and Grey water tank capacities can vary depending on options and configurations.**

Picture 56.1

Fresh, Grey and Black Tank Indicators.

Distribution Panel, AC Breaker and 12-Volt Fuse Panels

Your Roadtrek will have several 12-Volt fuse panels, and a distribution panel. They are located in different locations within the coach including the driver's seat base, upper cabinetry over driver's captain's seat on driver's side, and outside of cabinetry over second-row captain's seat.

The breakers and fuses are labeled on their respective covers. (Pictures 57.1, 57.2, 57.3 and 57.4)

Picture 57.1

Driver Seat Base Fuse Access Cover On.

Picture 57.2

Driver's Seat Base Fuse Access Cover Off.

Picture 57.3

120-Volt Distribution Panel and Fuse Panel Over Drivers Seat with Covers On.

Picture 57.4

120-Volt Distribution Panel and Fuse Panel Over Drivers Seat Covers Open.

(Optional) Solar Panels

Solar Charge Controller

The solar panels **(If Equipped)** will charge your batteries when sufficient light is available. The solar charge controller is installed at the factory for the type of solar panels and batteries installed in your Roadtrek. EHGNA strongly recommends that you make no adjustments to the charge controller or its programming. If equipped with a display, the charge controller displays either system voltage or amperes generated by the panels. (Picture 58.1)

Read the Solar Charge Controller Manual for Specific Operating, Storage and Information and Instructions.

Picture 58.1

Solar Charge Controller Located in Cabinet Over Kitchen Galley.

Outlets

There are numerous outlets throughout your Roadtrek consisting of 12-Volt, USB and 110-Volt power. (Picture 58.2)

The electrical outlets in the kitchen galley and behind the second row passenger seat are GFCI (Ground Fault Circuitry Interrupt). If either of the outlets trips, press the reset button in the middle of the plug. If there is no power to any non-GFCI outlets, check each GFCI and reset as needed. (Picture 58.3)

There is an exterior 110-Volt plug located on the passenger side of the vehicle located just in front of the rear axle. (Picture 58.4)

Picture 58.2

GFCI 110-Volt Power Outlet.

Picture 58.3

GFCI and 12-Volt Outlets.

Picture 58.4

Exterior 110-Volt Outlet.

Electrical System

Coach Batteries

The coach batteries in your Roadtrek are AGM or Optional Lithium Battery cells. **DO NOT ATTEMPT TO OPEN THEM**! There is no user maintenance needed on these batteries. ***Tampering with your batteries will void the Roadtrek warranty on them.*** Plug your coach in to external shore power whenever possible to ensure your coach batteries are in a fully-charged state.

Battery Disconnect Switch

The battery disconnect switch provides power to all 12-Volt appliances, such as the lights, water pump, the refrigerator, and so forth. This switch should be Off when you are not using your Roadtrek, and On whenever you are driving or camping. (Picture 59.1)

Picture 59.1

Battery Disconnect Switch

Inverter Charger

Your Roadtrek is equipped with a 3000-watt inverter charger which converts 120-Volt AC (household current) to 12-Volt DC when you are connected to shore power or running the standard underhood generator. This 120-Volt power is used to power your 12-Volt DC appliances as well as charge your batteries. Whenever you are receiving either source of 120-Volt power, you are charging your batteries. (See page 61 for Inverter Location and Image). ***Note – If equipped with 2nd inverter for galley, same procedures apply as to 1st inverter.***

Alternator Charger and Battery Separator

While driving, your Roadtrek will also charge the coaches AGM batteries from the vehicle's alternator through a separator. The separator allows extra vehicle alternator-produced electricity to charge your coach batteries in addition to keeping your engine (chassis) battery charged. When the vehicle engine is not running, it breaks the electrical connection between your coach batteries and your engine battery, so your engine battery remains charged to start your engine even though you are using coach battery power while camped. This is all automatic - there are no user adjustments needed for the separator. *With the (EcoTrek) Optional Lithium Battery system, you should drive with your batteries in the On position. (Press the RESET buttons one time as well for each battery bank). The lithium batteries need to be in the On position to accept a charge from the underhood generator and should ensure your batteries will be fully charged when you reach your destination.*

Coach Batteries

The coach batteries in your Roadtrek are either sealed AGM batteries or optional Lithium Battery cells. (If Equipped) Optional EcoTrek Lithium Battery modules will add additional switches to the bank of switches already in your coach. (Picture 60.1) To turn on your AGM batteries, turn On the battery disconnect switch on your monitor panel.

To turn your optional lithium battery banks on, press the lower rocker switch upwards towards the On/Off etching on the switch plate. This powers the battery management system along with the inverter and manages all functions of the system. After turning the module to the On position, if the blue light does not come on, press the **Reset Rocker Switch** until you hear a click from the battery system. (Approximately five to ten seconds).

In excessive cold or hot temperatures, the battery management system will start the lithium module heater/cooling system until the batteries reach a temperature where they will accept a charge either from shore power or from the running of the underhood generator.

If all of your batteries have been depleted, start the recharge on one battery module at a time. Allow for a significant charge before starting the recharge on the other battery modules. Making sure your rocker switch is in the On position, turn off the inverter and start the engine. Allow for a charge to the battery module and, if needed, press the reset button until you hear a click and the blue light stays illuminated.

If all battery power is not necessary, you can run your coach off of 200, 400, 600AMP hours by turning on only the number of battery modules needed. * Note – To receive a charge from shore power or the underhood generator, each EcoTrek battery module must be in On position.*

Picture 60.1

Optional EcoTrek 800AMP Hour Switch Bank.

On Board 120-Volt AC Power

Picture 61.1

Coach Inverter Switch In on Position.

Standard 3000W Inverter

The standard configuration includes a 3000-watt Pure Sine inverter. The coach inverter provides 120-Volt AC (household current) for all of the outlets in your Roadtrek.

The separate galley inverter (If Equipped) provides 120-Volt AC (household current) power to your galley outlets, induction cooktop stove, and microwave.

The inverters are configured at the factory for the battery type and power sources in your Roadtrek. Please do not change any settings without consulting the factory.

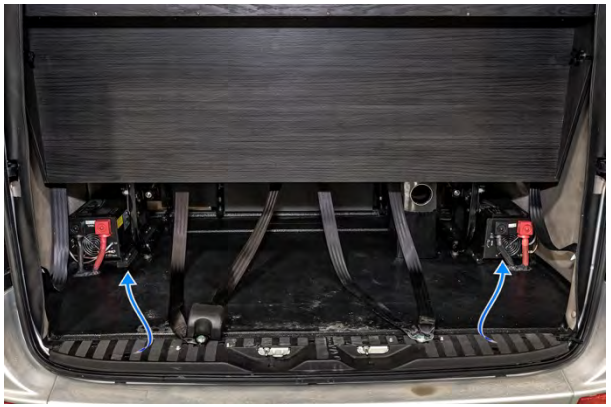
Your refrigerator will run on either 12-Volt battery power or 120-Volt galley inverter (DC) power.

CAUTION The power button on your 3000W inverter itself must always stay in the off position. If the switch is turned to the On position your inverter will be running, continuously draining your battery levels. It also overrides the inverter switch that is located on your monitor panel of your Roadtrek.

*** Always use the Inverter buttons on their respective switches to power your inverters on or off. (Picture 61.1 and 61.2) Failure to do so will result in a constant drain of your battery system and will deplete the batteries to an unsafe level. ***

Picture 61.2

Galley Inverter Switch In Off Position.



Picture 61.3

Dual Inverters Under Rear Bed. ***Note – 2nd Inverter Location May Vary.**

*** Note – To find out which inverter is associated with the coach or the galley (If equipped with a separate galley inverter) , turn the inverter switch to either inverter on and have a second person look for the blue light on the inverter panel before it goes out.***

***Note – Allow for proper air flow for your inverters. Do not block venting area. Failure to do so can cause damage or failure of**

Engine Generator

While driving down the road, your vehicle will provide all the electricity you require because the engine generator is producing electrical power. However, once the engine is stopped, and particularly after sunset when the solar panel(s) (If Equipped) is not producing electricity. Turning off electrical items when not in use will make the charge in your batteries last for a longer period of time.

The engine generator is mounted on the vehicle engine and is operated by idling the vehicle engine. (Picture 62.1) If your coach batteries are low, simply start the vehicle engine and let it idle until the batteries are sufficiently charged. Usually 30 to 45 minutes per module or battery, of the engine running is enough to restore moderately depleted coach batteries to a useful level of charge. Your lithium modules (If Equipped) must be in the on position to receive a charge.

Picture 62.1

Engine Generator.

As with a conventional generator, always close the rear windows of the vehicle and turn off the roof ventilation fan when the engine generator is charging the batteries to avoid exhaust entering the vehicle's interior.

The engine generator charges the coach batteries whenever the vehicle's engine is in operation which means you are charging them as you drive. **(All Lithium Batteries must be in the On Position to Receive This Charge)**,

***Note – While using the engine generator to charge your batteries, you should be aware of items that are running in the coach which may be consuming more energy than is being replenished. You can park and allow the underhood generator to charge the batteries, however driving the vehicle will provide optimal charging results. ***

There is no required maintenance for the engine generator. Note, however, that your vehicle's serpentine belt (the belt which drives the vehicle's alternator, water pump, power steering, etc.) will be different than the one for similar vehicles without the engine generator, so carrying a correct spare belt may be prudent in case you have a serpentine belt failure while traveling.

NAPA belt number for Sprinter ® Roadtrek's models with the engine generator is 060523HD, and the belt dimensions are 13/16" x 52 7/8" or 20 mm x 1342 mm outside circumference.

Alarms and Warnings

Propane and CO Alarm

Your Roadtrek has been equipped with a combination propane leak and carbon monoxide detection device for your protection. It is located slightly above floor level on the passenger side bolster box just to the rear of the washroom. (Picture 63.1)

Be sure the detector is operating while using your vehicle. Do not block air circulation in the area where the carbon monoxide detector is located. The detector runs on 12-Volt power, and is operational whenever the battery disconnect switch is On. Whenever the vehicle is occupied, the battery disconnect switch should be in the "On" position for this reason.

Battery disconnect on the Monitor Panel must be in the On position for CO detector operation.

Do not disable, unplug, or otherwise hinder the operation of either detector.

CAUTION The CO and Smoke Detectors have a useful service life, beyond which it needs to be replaced. **Alarms will occur from these detectors when the battery voltage is low.**

CAUTION See Manufacturer's Owner's Manual for other operating instructions, or look for the sticker which is sometimes placed on the detector to see the replacement date.

Picture 63.1

Carbon Monoxide Alarm.

Smoke Alarm

The smoke alarm is located near the front of the coach just inside the side entry door on the front outside wall of the washroom. (Picture 63.2)

The smoke alarm requires a 9-Volt battery and periodic replacement. Please refer to the separate Appliance/Products Owner's Manual for the unit in your vehicle. Smoke alarm is shipped with the battery disconnected. Check battery installation if the smoke alarm does not work when tested.

Picture 63.2

Smoke Alarm.

Fire Extinguisher

Your Roadtrek comes equipped with a dry chemical fire extinguisher suitable for BC fires. (Flammable Liquids and Energized Electrical Equipment) It is attached to the passenger seat base on the rear facing towards the second row captain's seat. (Picture 64.1)

Before every trip, check to see that the needle on the dial is in the green range. If not, replace the fire extinguisher.

DO NOT test your fire extinguisher by discharging it - total discharge time is 8 to 12 seconds, so it will become rapidly depleted if you test it this way. Service life of fire extinguishers currently supplied with your motorhome is 12 years; replace the fire extinguisher when it is more than 12 years past the year of manufacture stamped on the base of the cylinder.

Picture 64.1

Fire Extinguisher Located on Passenger Seat Base Rear.

Flat or Leaking Tire Maintenance

Tire Jack and Changing Kit

Picture 65.1

Spare Tire Jack Kit Stored in Passenger Side Front Captain's Seat Footwell Area.

Picture 65.2

Spare Tire Jack Kit Stored in Passenger Side Front Captain's Seat Footwell Area with Lock to Kit in Opened Position.

Picture 65.3

OEM Sprinter ® Jack and Tire Changing Kit. ***Note – Banana Shaped Lever to Lower Spare Tire Carrier is Included.***

The spare tire removal kit is stored on the passenger side front captain's seat foot well area. Lift up carpet mat to reveal access area. (Picture 65.1)

To access the kit, use a coin or slotted screwdriver and turn the slot above the wrench symbol until the lock pops upward. (Picture 65.2) Remove cover to expose items needed for flat or leaking tire replacement. ***Note – A banana shaped lever used to lower the spare tire carrier is included with the OEM spare tire replacement kit. Provide this to Roadside Assistance or tire shop when replacing flat tire.*(** (Picture 65.3)

Roadtrek recommends that you have roadside service replace a flat or leaking tire or that you stop at a nearby tire shop as soon as practical.

Your Roadtrek comes with a Two-Year Roadside Assistance membership included with your purchase. Check your owner's documentation for information.

Refer to the Sprinter ® Owner's manual for proper spare tire replacement procedure.

Tow Hitch and Tow Rating

Tow Hitch

Your Roadtrek is equipped with a Class IV hitch with 500 pounds of tongue weight capacity. It is equipped with a seven-way wiring hook-up. (Picture 66.1)

Your Roadtrek can tow a maximum amount of 5,000lbs.

Note – Remember to deduct the approximate amount of tongue weight for anything being towed on the rear of your Roadtrek from youroverall Occupant Cargo Carrying Capacity (OCCC). These numbers must be taken into account so that you do not overload your coach and surpass the listed Occupant Cargo Carrying Capacity (OCCC) on your vehicle's information sticker. *

*Note – If unsure of your overall Occupant Cargo Carrying Capacity (OCCC) when fully loaded and your tow item is hooked up to your Roadtrek, you can find weight scales at all major truck stop facilities, state inspection areas, and some RV facilities. Check your local area for a scale facility. *

Picture 66.1

Roadtrek Class IV Hitch Receiver with Seven-Way Wiring Adapter Shown.

XL Edition Information

If your Roadtrek is an XL edition, you have an extra 18” in length over the normal Sprinter ® chassis. Your overall coaches length is 24’1” versus the standard 22’9” model.

With the XL edition you can get additional items not found on the 22’9” coaches. The first of those items is an optional bed headboard. (Picture 67.1) This headboard is removable by unscrewing the fasteners at each end of the headboard.

The following instructions are recommended to be completed by using two people.

An optional drop-down power cabinet is also available. (Picture 67.2) This cabinet is operated by a 12-Volt switch located on the driver’s side above the sofa. When closed, the items stored in this cabinet are not visible from the front or rear of the coach.

Picture 67.1

Optional Bed Headboard.

Picture 67.2

Optional Drop-Down Power Cabinet.

Maintenance

Tires

See the automotive chassis manufacturer's owner's manual and documents for tire warranty information. Inflation pressure information is located on the driver’s door post. The current Mercedes Sprinter ® manual recommends checking tire pressures regularly, at least every other week, and before a long trip. Tire rotation intervals depend on wear and other factors, but tires should be rotated at least every maintenance interval, defined in your Sprinter ® owner's manual.

Occupant Cargo Carrying Capacity

See the information labels attached to the driver door post.

Owner Maintenance Checks

Listed below are vehicle maintenance checks and inspections that should be performed by the owner or qualified service technician at the indicated intervals. Any adverse conditions should be brought to the attention of your dealer or qualified service technician for expert service advice as soon as possible. The owner maintenance checks are generally not covered by warranties and you may be charged for labor, parts and supplies used

When You Stop for Fuel or Weekly

- Check engine oil level.
- Look for low or underinflated tires.
- Walk around your RV, check for damage and correct light function.

Every Other Week

- Check tire pressure on all tires and your spare.
- Check coolant level in the coolant recovery reservoir.
- Check windshield washer fluid, brake fluid and power steering fluid levels.
- Check operation of all exterior lamps, including brake lamps, turn signals and hazard warning flashers.

Picture 69.1

Water Lines Location with Alde Component Under Passenger Side Bolster Seat, Just Rear of Galley.
Water Lines Shown in Winterized Mode.

At Least Every Three Months

- Flush water to the bathroom vanity sink. Use a hose or bucket to fill the tank through the sink and dump. Flush grey/black water holding tank. Use a hose or bucket to fill the tank through the vanity bathroom sink and dump.
- Flush and sanitize fresh water tank. The fresh water tank drain is located behind the running board skirt directly to the left of the city water connection. See Picture 68.1 for fresh water door and city intake fill. Valve position allows for filling from either location. To flush the tank:
  - Fill it completely using the city fill and drain using the fresh water tank drain underneath the tank, under the coach behind front axle.
  - Sanitize by adding 1/2 cup chlorine bleach to the tank, fill with water, let sit for at least two hours, and drain. Adding 1/2 cup vinegar to the next tankful, which will also be drained before filling with fresh water for use, can help dissipate the bleach residue smell.

Refer to other sections in this manual for drain and fill locations.

Owner Maintenance Checks (Continued)

At Least Twice a Year

- Check windshield wiper operation.
    - Clean wiper blades with clean cloth dampened with washer fluid.
    - Wiper blades should be replaced at least once a year.
- Check radiator, heater and air-conditioning hoses for leaks or damage.
- Check for worn tires and loose wheel lug nuts.
- Check parking brake system and put the brake on and see if it will hold on a moderate hill. If not, get it repaired.
- Check head lamp alignment.
    - Shine your low beam headlights on a wall. The light patterns should be the same height. Measure headlight height at the vehicle with a yardstick and the light patterns should be the almost same height or slightly less as your vehicle level. If not, get the headlights aligned.
- Check lap and shoulder belts for wear and function. Replace any belts with frayed spots or that do not smoothly retract into their holders.
- Inspect appliance vents to ensure they are free from dirt, insects, spider webs, and/or nests.
- Inspect grey water tank vent and remove any debris or other obstructions. The grey water tank vent is on the roof, passenger side and in the bathroom area.
- Clean air conditioner filter. See air conditioner manual for details.
- Thoroughly clean and wax the roof of the van.
    - To wash the solar panel, use a garden hose to rinse dirt off the panel.
    - Do not scrub the solar panel with a brush or otherwise apply any abrasive material to the solar panel surface.
    - Rinsing the panel two or three times a year to remove excess dirt is all you need to do to keep the panel operating at full capacity.
- With the tank empty, add one cup of mineral oil and one cup of hot water to the grey/black tank.

At Least Once a Year

- Lubricate all door hinges, locks and latches, especially the exposed hinges on exterior doors. The hinges will freeze up and cause damage to the doors if neglected.
- Have appliances tested and cleaned.
- Wax and polish and protect exterior surfaces. The wheels are coated aluminum and there is no bare aluminum on the vehicle, so do not use aluminum polish on any surface of your Roadtrek.

Owner Maintenance Checks (Continued)

To prevent water from entering your vehicle, avoid spraying water directly into exterior vents or grills. Do not use a power washer to clean your Roadtrek because damage to the paint, removal of decals and water leaks will result. Hand washing or commercial car washes accommodating large vehicles are the best way to keep your Roadtrek clean and shiny.

Other Maintenance Checks Appliances

Follow the maintenance for your appliances as per the appliance’s manufacturer's manual.

Specifications

For general chassis specifications, please refer to the Mercedes Sprinter ® manual. For specifications relating to your vehicle, including occupancy, weight rating, tire size, inflation and so on, refer to the sticker on the driver's side B pillar (right side of the door frame, near the latch). These specifications refer to the baseline Roadtrek upfits. Options and upgrades may change these specifications.

This applies to Roadtrek Inc upfits only.

Total fresh water capacity	113.5 L/30.0 U.S. gal.
Grey water tank capacity	76 L/20.0 U.S. gal.
Black water tank capacity	40 L/10.0 U.S. gal.
Battery type	Standard Dual 6V AGM
Battery capacity	120-volt - 760 Ah Standard (Options available)
Water heater capacity	3.0 U.S. gal
Furnace Propane Automatic	18,000 BTU/hour
Refrigerator	12-Volt/110-Volt, 7.0 cu. ft.
Air Conditioner	110-Volt, 11,000 BTU/hour

Note - Black and Grey water tank capacities can vary depending on options and configuration.

Roadtrek Limited Warranty

How to Obtain the Limited Warranty

The original retail purchaser is responsible for submitting, or having the vehicle dealer submit, a Roadtrek Limited Warranty Registration form to Roadtrek Inc. This limited warranty is not valid unless the Roadtrek Limited Warranty Registration is submitted and received by Roadtrek Inc. within 48 hours after the date of delivery to the first end user. (Warranty is non-transferable)

Obtaining Service

When your Roadtrek needs service, determine if the issue is with the Roadtrek upfits or the Mercedes Sprinter chassis.
For Roadtrek upfits, contact your dealer. Start with the service writer, then the service manager and finally, if you are unable to resolve your issues with the service department, contact the dealership managing partner or owner. Please keep notes of who you spoke with and dates.
For chassis-related issues, contact Mercedes service. Advise the service writer that you have a Mercedes Sprinter rather than a motorhome. Some dealerships do not want to work on motorhomes but most can service a 3/4-ton van. Again, start with the service writer, then the service manager and finally, if you are unable to resolve your issues with the service department, contact the dealership managing partner or owner. If you cannot resolve your chassis related issues at the dealer level, contact Mercedes factory service.

Contacting Roadtrek Inc.

Our customer care representatives are available to help answer any questions you may have. Contact us toll free at 800-663-0066 or retailsupport@roadtrekinc.com, Monday to Friday 8:30 a.m. to 5:00 p.m EST. Our representatives can help answer questions regarding our products and services, provide information about warranty coverage and maintenance issues and locate a Roadtrek authorized dealer and service center in your area.

To find a current list of Roadtrek authorized dealers and service centers on-line, go to http://www.roadtrek.com/locators/. When you call, please have the following information available so that we may expedite your service:

- The chassis' VIN (Vehicle Identification Number)
- First retail owner's date of purchase
- The current actual mileage

Roadtrek Inc. typically cannot initiate a case with the chassis manufacturer, the owner must do that.

NO WARRANTY CLAIM WILL BE PROCESSED OR PAID WITHOUT PROOF OF ACTUAL MILEAGE AND FIRST RETAIL OWNER'S DATE OF PURCHASE.

Arbitration Provision

Any claim or controversy arising out of or relating to this limited warranty, or breach thereof, shall be settled by arbitration administered by the Arbitration Association. The determination of the arbitrator(s) shall be in writing and shall include an explanation of the basis for the determination. The determination of the arbitrator(s) shall be final and binding and judgment upon such determination may be entered in any court having jurisdiction.

Specifications

For general chassis specifications, please refer to the Mercedes Sprinter manual. For specifications relating to your vehicle, including occupancy, weight rating, tire size, inflation and so on refer to the sticker on the driver's side B pillar (right side of the door frame, near the latch). For specifications relating to the baseline Roadtrek upfits, please visit our website at www.roadtrek.com Options and upgrades may change specifications.

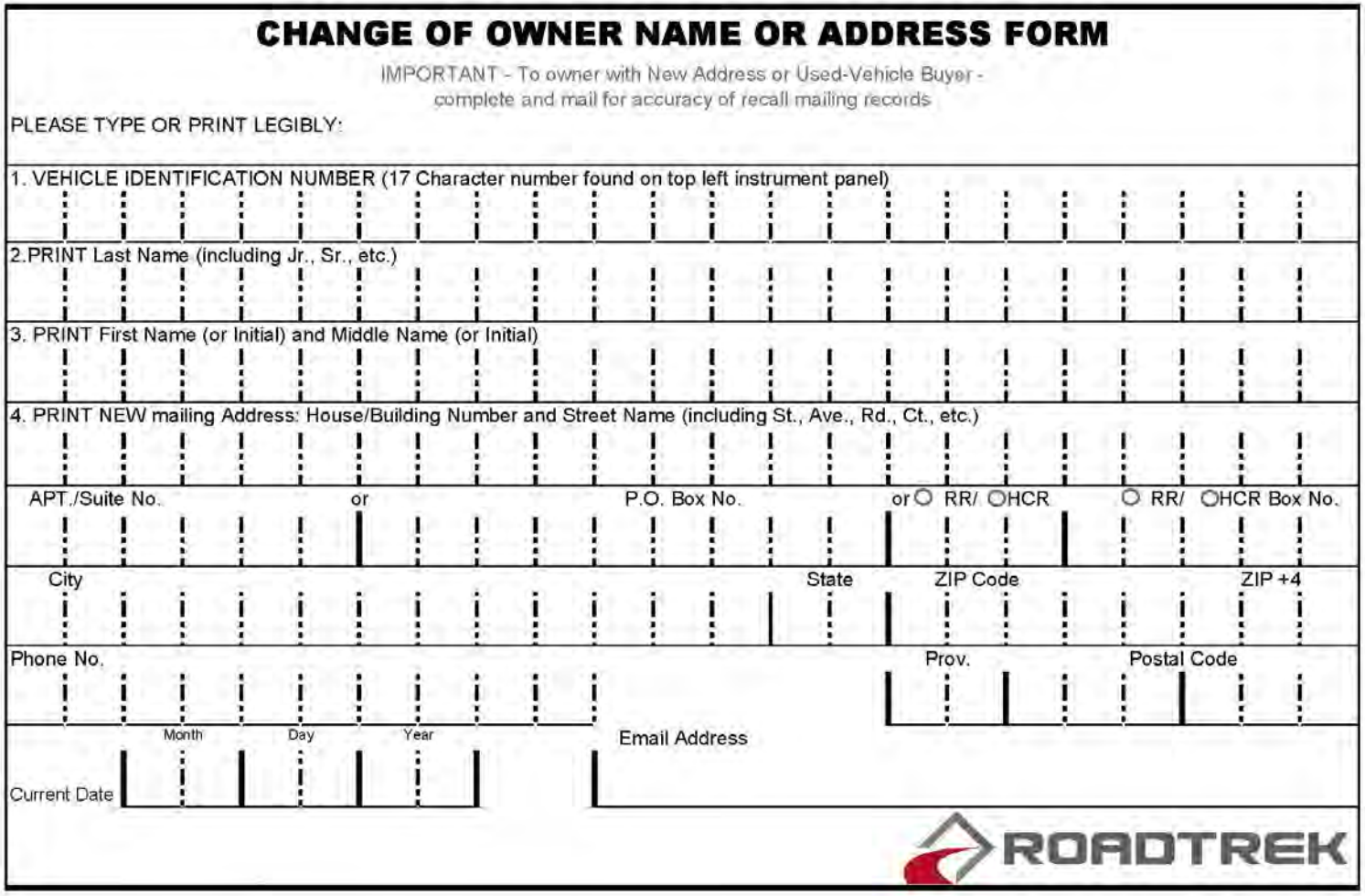
Roadside Assistance Plan

You are enrolled in a 24/7 roadside assistance plan for the first 2 years of the limited warranty upon registration of your Roadtrek. The Roadside Assistance plan is non-transferable. If your motorhome is disabled because of any nonconformity covered by this limited warranty or in certain other situations, our roadside assistance provider will assist by providing the following services: towing, mobile mechanic (where available), fuel delivery, tire change, battery jump-start, lockout service and emergency fluids. To obtain roadside assistance, call 877-579-7078.

THIS ROADSIDE ASSISTANCE PLAN IS NULL AND VOID IF THE VEHICLE HAS BEEN LEASED OR RENTED FOR COMPENSATION TO ANOTHER INDIVIDUAL OR ENTITY.

Registration

Please send the following form to our email, salessupport@roadtrekinc.com. Your new Roadtrek should be registered on your behalf by your dealer. If that step is overlooked, then please use the following form below and send to us by mail or email.



CHANGE OF OWNER NAME OR ADDRESS FORM

IMPORTANT - To owner with New Address or Used-Vehicle Buyer - complete and mail for accuracy of recall mailing records

PLEASE TYPE OR PRINT LEGIBLY:

1. VEHICLE IDENTIFICATION NUMBER (17 Character number found on top left instrument panel)

2.PRINT Last Name (including Jr., Sr., etc.)

3. PRINT First Name (or Initial) and Middle Name (or Initial)

4. PRINT NEW mailing Address: House/Building Number and Street Name (including St., Ave., Rd., Ct., etc.)

APT./Suite No. or P.O. Box No. or ○ RR/ ○HCR ○ RR/ ○HCR Box No.

City State ZIP Code ZIP +4

Phone No. Prov. Postal Code

Month Day Year Email Address

Current Date

ROADTREK

After-market Disclaimer

The compatibility of after-market systems and components should be researched thoroughly either with the dealer or manufacture as they may interfere with the performance of Roadtrek Inc., recreation vehicle systems and components, further affecting the warranty of the vehicle as designed.

Regulatory Notices

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration, (NHTSA) in addition to notifying Roadtrek Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, and/or Roadtrek Inc.

To contact NHTSA, you may call the Auto Safety Hotline toll-free at 1-888-327-4236, (or 366-0123 in Washington, DC area) or write to:

NHTSA
U.S. Department of Transportation Washington, DC 20590

You can also obtain other information about motor vehicle safety from the NHTSA Hotline.

HOWTOs

For access to more information on how to reform general functionalities of your Roadtrek, please go to:

https://www.roadtrek.com/owners/#section-howto&FAQ