





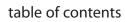
# 170 & 190 Chevrolet Models Owner's Manual

Including
Limited Warranty Information



100 Shirley Avenue, Kitchener, Ontario, Canada, N2B 2E1 Telephone: 519-745-1169 or Toll Free 1-888-ROADTREK (1-888-762-3873)

Telefacsimile: 519-745-1160
Email: service@roadtrek.com
WebSite: http://www.roadtrek.com



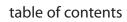


Introduction	A-0
Gross Combination Weight Rating, (GCWR)	
Warnings and Cautions	A-2 - A-3 - A-4
190 4-Wheel Drive (Option)	
Obtaining Motorhome Service	
Vehicle Specifications	
Appliance Manufacturer Contact Information	
Daily Living	
Captain's Seats	
Seat Belt Usage	
Cloverleaf Dining Table	
Dinette Table, (Popular Models)	
Bed Layouts	
Sleeping Facilities	
Rear Twin Beds, (190-Popular Model)	
Rear King-size Bed, (190-Popular Model)	
Rear L-Shaped Lounge to Double Bed, (190-Versatile & 170-Popular Models)	
Front Lounge Seats	
Powered Sofa	
Washroom and Privacy Area	
Rear Privacy Doors, (190-Popular Model)	
Rear Privacy Doors, (190-Versatile Model)	
Front Privacy Doors, (Popular Models)	
Front Privacy Doors, (190-Versatile Model)	
Washroom Facilities	
Toilet	D 15
Stand-up Aisle Shower	
Extra Counter Space	
TV	
Exterior Access Doors	
Driver Side Access Doors, (190 Models)	B-17
Driver Side Access Doors, (170 Model)	
Propane Access Door	
Passenger Side Access Doors	
Auxiliary Battery	
Replacing the Auxiliary Battery	
Spare Tire Storage	
Continental Spare Tire Kit	
Caution Note, (Opening front side cargo door)	
Floor Plan & Appliance Location	
Elevation, (170-Popular Chevrolet)	C-1
Floor Plan with Appliance Location, (170-Popular Chevrolet)	C-2
Elevation, (190-Popular Chevrolet)	C-3
Floor Plan with Appliance Location, (190-Popular Chevrolet)	C-4
Elevation, (190-Versatile Chevrolet)	
Floor Plan with Appliance Location, (190-Versatile Chevrolet)	
Electrical System Legend	C-7





Appliance Log	D-0
170 and 190 Chevrolet Roadtrek Appliance & Accessory Manufacturer's Log	D-0
Electrical System	E-0
Electrical System	E-1
Inverter	E-1
10V Inverter/Charger Shut Down	E-1
Inverter/Charger Start up After Automatic Safety Shut Down	E-1
Dry Camping Battery Conservation	E-1
Receptacle Functionality	E-1
110 / 12V Inverter / Charger / Distribution Panel	E-2
External Electrical Source Connection	E-2
Generator	
Built-in 110 V Heat Pump - Air Conditioner	
TV	E-3
Monitor Panel	E-3
Auxiliary Battery and Isolator	E-4
Automotive Battery	E-4
Interior Cab Light	E-4
Rear Storage Compartement	E-5
Water Heater	E-5
Electrical System Schematics	E-6 - E-7 - E-8 - E-9
Propane & Safety System	F-1
Propane Tank	F-2
Appliances	F-2
Refueling Procedures	F-2
Regulator	F-2
Propane Leak Detector	F-3
Carbon Monoxide Leak Detector	F-3
Smoke Detector	F-3
Propane System Schematic, (170-Popular Chevrolet)	F-4
Propane System Schematic, (190-Popular Chevrolet)	F-5
Propane System Schematic, (190-Versatile Chevrolet)	
Water Systems	G-0
Filling the Interior Fresh Water Tank, (190 Models only)	G-1
Filling the Exterior Fresh Water Tank, (All Models)	G-1
City Water Connection	G-2
Waste Water Storage and Dumping System	G-3
Waste Water Tank Preparation	G-3
Waste Water Tank Dumping	G-4
Waste Water Tank Flushing	G-5
Outside Shower	G-5
Potable Water System Draining	G-5
Potable Water System Sanitizing	G-6
Potable Water System Winterizing	G-6
Winter Mode Valve Positions, (190 Models only)	
Summer Mode Valve Positions	
Winter Use, (Moderate Subfreezing Conditions 190 Models only)	G-7
To De-Winterize	G-9





Water Systems Schematic, (190 Chevrolet)	G-10
Water Systems Schematic, (170-Popular Chevrolet)	G-11
Water Systems Schematic, (170-Popular Chevrolet)	
Water Systems Schematic, (190-Popular Chevrolet)	G-13
Water Systems Schematic, (190-Versatile Chevrolet)	
Owner Maintenance	H-0
Exterior Maintenance	H-1
Exterior Washing	H-1
Other Maintenance	H-1
Winter Storage	H-1
Inside Your Vehicle	
Outside Your Vehicle	
Spring Start-Up	H-2
Tires	H-2
Cargo Carrying Capacity	
Owner Maintenance Checks	H-2
When You Stop for Fuel	H-2
At Least Monthly	H-2
At Least Once Every Three Months	
At Least Twice A Year	
At Least Once A Year	H-3
Auxiliary Battery	H-3
Aluminum Wheel Maintenance	H-4
Limited Warranty Information	I-0
Limited Warranty Definitions	I-1
Roadtrek Limited Warranty Registration Card	I-1
Automotive Warranty - General Motors, (Chevrolet Chassis)	I-1 - I-2
Limited Warranty Information	
Automotive Customer Service & Roadside Assistance Numbers	I-2
Appliance Warranty	I-2
Roadtrek Limited Motorhome Warranty	I-3 - I-4
Customer Assistance	J-0
Reporting Safety Defects, (U.S. Only)	J-1
Roadtrek Ambassador Potential Customer Referral Program for Roadtrek Owners	J-1
Roadtrek Club International	J-2
Address, Phone & Facsimile Numbers, and E-mail	J-2
	J-2
Roadtrek International Chapter FMCA / A Roadtrek Owners' Club Membership Forms	K-1
Change of Owner Name or Address Form	L-1 - L-2
Potential Customer Referral Card	L-3 - L-4



### A WORD TO ROADTREK OWNERS...

This manual has been prepared to acquaint you with the operation, maintenance and warranties of your new Roadtrek Motorhome Van. Your vehicle has been designed, engineered and manufactured to provide you with the utmost in pleasure, dependability and quality. It is important that you read the contents of this manual, that of the Chevrolet chassis and those of other components, and follow the instructions and recommendations contained in each to help assure the most enjoyable and trouble free operation of your vehicle.

We would like to take this opportunity to thank you for selecting a Roadtrek product and assure you of our continuing commitment to your recreational vehicle pleasure, safety and satisfaction.

### INTRODUCTION

This manual has been written to provide you with the information required to properly operate and maintain your new Roadtrek. After reading this manual, be sure to keep it in your vehicle as a reference. Your Roadtrek dealer will be glad to answer any further questions about the operation of your vehicle.

### **IMPORTANT**

Every reasonable precaution has been undertaken in the preparation of this manual resulting in the utmost accuracy possible at the time of publication. However, due to the continuing improvement and refinement of our products and normal changes in information and procedures, Roadtrek shall assume no responsibility whatsoever for errors or omissions in the manual's contents.

Further, Roadtrek shall not be held liable or assume any obligations or responsibilities whatsoever for any loss, damage or injury directly or indirectly caused by, arising or resulting from, or as a consequence of the use or nonuse of the information contained herein or the operation or non-operation of any items mentioned herein. And finally, Roadtrek shall be indemnified and saved harmless from all losses, expenses, claims and demands whatsoever.

### Websites of interest

www.roadtrek.com

www.rvbasics.com

www.rvrepairmanual.com

www.rvhelpdesk.com

www.funroads.com

www.gasbuddy.com

www.allcampgrounds.com



# Gross Combination Weight Rating, (GCWR)

The Chevrolet 3500 extended van has a GCWR of 6350 Kg/14000 lbs for the standard engine (6.0 L) and 7258 Kg/16000 lbs for the optional 4.10 rear axle ratio.

Gross Vehicle Weight Rating, (GVWR): is the maximum permissible weight of this vehicle when fully loaded. It includes all weight at the vehicle axle(s).

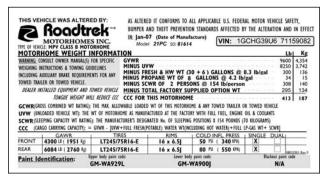
Unloaded Vehicle Weight, (UVW): is the weight of this motorhome as manufactured at the factory. It includes all weight at the vehicle axle(s). If applicable, it also includes full generator fluids, including fuel, engine oil and coolants.

Cargo Carrying Capacity, (CCC): is equal to GVWR minus each of the following: UVW, full fresh, (potable) water weight, (including water heater), and full propane weight and SCWR.

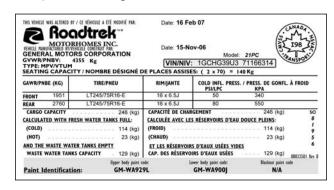
Gross Combination Weight Rating, (GCWR): (motorhomes only): means the maximum allowable loaded weight of this motorhome and any towed trailer or towed vehicle.

Sleeping Capacity Weight Rating, (SCWR): (motorhomes only): is the manufacturer's designated number of sleeping positions multiplied by 154 pounds, (70 kilograms)(FMVSS Standard Person Weight).

Gross Axle Weight Rating, (GAWR): is the value specified as the load carrying capacity of a single axle system, as measured at the tire-ground interfaces.



Sample of US Weight label:



Sample of Canadian Weight label:

Towing Guidelines: Consult Chevrolet Owners Manual(s) for specific weighing instructions and towing guidelines including auxiliary brake requirements for any towed trailer or towed vehicle.

Weighing Procedure: Prior to weighing each unit, the fuel tank must be full, as well as the fresh water tank. All tires must be of equal pressure, and any snow must be removed.

Note the weighing must be done on level ground!

Equipment: 2 Portable Scales, (including electrical power source), 2 wooden ramps, lift and pressure gauge.

Alternate: D.O.T. approved customer scales, or 4 portable scales.

Note: Wooden ramps must be equal to or less than 1/8" of the height of the scales being used.

### Procedure:

- 1) Fill Fuel Tank
- 2) Fill Fresh Water Tank
- 3) Fill Propane Tank
- 4) Measure all tire pressures and equalize if necessary
- 5) Place wooden ramps below rear wheels, (using lift or driving onto ramps for levelling vehicle; N/A if commercial scales or 4 portable scales used)
- 6) Place scales under front wheels
- 7) Record scale readings
- Repeat for rear wheels



# WARNINGS AND CAUTIONS

This manual contains WARNINGS against operating procedures which could result in an accident or bodily injury.

The manual also contains CAUTIONS against procedures which could result in damage to your vehicle.

If you do not read the entire manual you may miss important information. Observe all Warnings & Cautions.



### **WARNINGS:**

#### **SEAT BELTS:**

Only forward facing seats equipped with factory installed seat belts are to be occupied 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.

#### PROPANE:

Propane tanks shall not be placed or stored inside your vehicle. Propane tanks are equipped with safety devices which relieve excessive pressure by discharging gas to the atmosphere.

To reduce the danger of fire or explosion do not store gasoline or other flammable liquids inside your vehicle. Ensure you purchase propane from a reputable propane facility. Contaminated propane is common cause of system failure.

Do not refuel the propane tank to more than 80% of its capacity.

The propane tank valve must be closed and ALL PILOT LIGHTS, APPLIANCES AND THEIR IGNITERS (see Operating Instructions) MUST BE TURNED OFF during refueling of motor fuel tank and/or the propane tank. Only qualified personnel should refuel your propane tank.

#### APPLIANCES:

It is not safe to use cooking appliances for space heating purposes due to the danger of asphyxiation.

The propane stove needs fresh air for its safe operation.

Portable fuel burning equipment, including wood or charcoal grills and stoves, should NOT be used inside your vehicle. Use of this type of equipment inside your vehicle may cause fire or asphyxiation.

### PROPANE LEAK DETECTOR:

Do not block air circulation in the area where the Propane Leak Detector is located.

The Battery disconnect switch must be in the "ON" position for the propane detector to function.

### CARBON MONOXIDE LEAK DETECTOR:

Do not block air circulation in the area where the carbon monoxide leak detector is located.

The Battery disconnect switch must be in the "ON" position for the Carbon Monoxide Leak Detector to function.

### 110 VOLT ELECTRICAL SERVICING:

Doc No: 21906503 Rev: 05

Prior to servicing the 110 volt Galley GFCI & Audio/Video cabinet interior receptacles, unplug the output lead from the power inverter (these circuits can be live through the inverter power source).



### **EXTERIOR ACCESS DOORS:**

Ensure power cord and city water line are disconnected and in their stored positions before vehicle is put in motion.

### **CAUTIONS:**

### **CLOVERLEAF DINING TABLE:**

The cloverleaf dining table is heavy, bend your knees while lifting.

### **EXTRA COUNTER SPACE:**

Make sure the stove is off and has cooled prior to lowering the stove cover.

### TV:

When the vehicle is in motion it is recommended that the TV be "OFF" and in the stored position.

The flat screen TV, (option TF) should not be stored inside the Roadtrek in temperatures below  $-4^{\circ}F$ , ( $-20^{\circ}C$ ). The operating temperature of the monitor is recommended between  $50^{\circ}F$  &  $104^{\circ}F$ , ( $10^{\circ}C - 40^{\circ}C$ ) with a humidity range of  $10^{\circ}-80^{\circ}$ , non condensing.

To remove the TV, remove the four mounting bolts on the back of the TV mounting bracket and remove the RCA cables, power supply cable and antenna cable.

### **AUXILIARY BATTERY:**

Battery acid can burn skin and damage clothing. Protective eye wear and gloves should be worn when handling batteries.

### REPLACING THE AUXILIARY BATTERY:

Ensure that the inverter/charger is disconnected prior to disconnecting the auxiliary battery.

### **GENERATOR:**

When launching a boat using your Roadtrek, be aware that the generator must not be submerged in water. When using the generator as the main power source to run the appliances, refer to the generator owners manual for proper use and maintenance.

### WASTE WATER STORAGE AND DUMPING SYSTEM:

Ensure that both the black and gray water gate valves are closed, (inward position) before using the waste water system.

Under moderate subfreezing conditions, antifreeze is required in the exterior fresh water tank, black and gray waste water tanks. Antifreeze should be used at a 50% water and 50% antifreeze ratio.

THE WARNINGS AND CAUTIONS IN THIS QUICK REFERENCE ARE AN OVERVIEW AND THERE ARE MORE NOTES AND INSTRUCTIONS WITHIN THIS MANUAL.

SET PARK BRAKE----- 4L

2H

**4H** 

TRANSFER CASE RANGE SELECT-

4-WHEEL DRIVE (LOW RANGE)

Power to front and rear axles at reduced speed.

No power to either axle. Use for vehicle towing.

2-WHEEL DRIVE POSITION

4-WHEEL DRIVE POSITION

Power to front and rear axles

Power to rear axle only.

at normal speed.

**TRANSMISSIONS** 

**POSITION** 

IONS FOR MANUAL OR AUTOMATIC



### QUADRA-VERSION FOUR-WHEEL DRIVE

Made possible by the TWO-SPEED TRANSFER CASE, provides maximum traction for the wheels of your van by transmitting engine torque to all four wheels instead of just the two rear.

### **OPERATION**

CAUTION: The vehicle should only be engaged in 4 Wheel Drive for off road operation or when road or weather conditions create poor traction. When you are operating the vehicle on DRY roads keep the transfer case in 2H to prevent excessive drive train wear.

### ENGAGING FOUR WHEEL DRIVE

**Front Axle Locking Feature** - The front axle locks and unlocks automatically when you shift the transfer case. A short delay for the axle to lock or unlock is normal. If road conditions provide good traction there may be a delay for the axle to unlock.

**Manual Transfer Case** - The transfer case shift lever is on the floor to the right of the driver. Use this lever to shift in and out of four-wheel drive.

The four-wheel drive indicator light will come on after you shift into four-wheel drive and the front axle engages.

**2-Wheel High (2H):** This setting is for driving in most street and highway situations. Your front axle is not engaged in two-wheel drive.

**4-Wheel High (4H):** This setting engages your front axle for increased traction. Use 4H when you need extra traction, such as on wet or icy roads, or in most off-road situaions.

You can shift from 2-WHEEL HIGH (2H) TO 4-WHEEL HIGH (4H) or from 4-WHEEL HIGH (4H) TO 2-WHEEL HIGH (2H) while the vehicle is moving. Do not shift into 4H while accelerating. In extremely cold weather, it may be necessary to stop or slow the vehicle to shift into 4-WHEEL HIGH (4H).

**Neutral (N):** Shift to this setting only when your vehicle needs to be towed or when using a power take-off. CAUTION: To guard against vehicle moving while unattended, NEVER park your vehicle with the transfer case in neutral.

**4-Wheel Low (4L):** This setting also engages your front axle for increased traction and the lower gear increases power. It should be used only for off-road driving.

To shift into or out of 4-WHEEL LOW (4L) OR NEUTRAL (N):

- 1. Slow the vehicle about 1 to 3mph (2 to 5 km/h) and shift into NEUTRAL (N).
- 2. Shift the transfer case shift lever in one continuous motion. Do not pause in NEUTRAL (N) as you shift the transfer case into 4-WHEEL LOW (4L), or your gears could clash. This will require you to turn engine off.

Remember that driving in 4-WHEEL HIGH (4H) or 4-WHEEL LOW (4L) may reduce fuel economy. Also, driving in four-wheel on dry pavement could cause your tires to wear faster and make your transfer case harder to shift and run noisier.

#### **RETURN TO FOUR-WHEEL DRIVE**

Shift the transfer case to the two-wheel drive position (2H), when the need for 4-wheel drive is no longer required.

Quigley Motor Company, Inc. www.quigley4x4.com

PHONE: (717) 266-5631

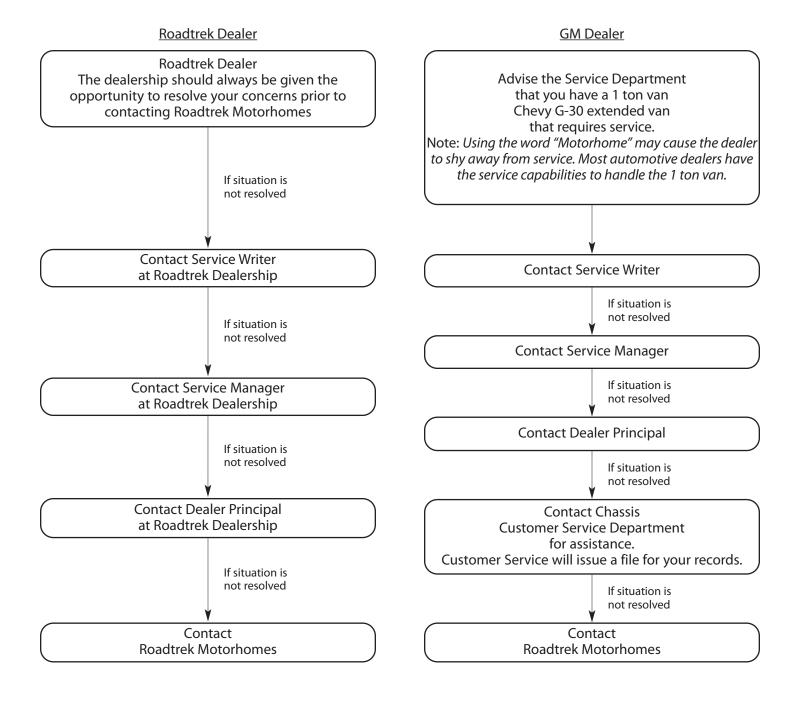
(800) 233-9358

FAX: (717) 266-6248



### **OBTAINING MOTORHOME SERVICE**

The solution to all your Roadtrek concerns starts with your Roadtrek Dealer







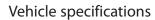
2007/06 Standard Automotive Features	170 on Chevy 2500 Regular Van//190 on 3500 Extended
A: 1 1: 0	Van
Air bag - driver & passenger	with passenger on/off switch
Alternator	145 Amp.
Axle - rear	3.73//4.10 ratio
Battery	600 Amp.
Brakes - anti-lock(ABS)	four wheel disc
Climate control	standard
Compass & exterior temperature display	on inside rearview mirror
Cooling - transmission	internal
Cruise control	standard
Defroster - rear window	standard
Door locks - with remote	power - all doors, single key
Doors & Exits	double 40/60 side, 50/50 rear
Engine	6.0 L Gas V8
Fuel Capacity	117 L/31 US Gal.
Mirrors - exterior	power, heated
Power	223 kW/300 HP
Receiver	Class IV
Seats - cab - Captain's	swiveling, power lumbar, dual armrests
Sound system	AM/FM & CD
Tilt Steering	standard
Tire storage - spare	rear storage area
Tires	LT245/75R 16E blackwall
Torque	490 N-m/ 360 lb-ft
Wheel covers	chrome look
Wheels - steel	16" - with trim
Window operation	power - front doors only
Window operation Window tint	deep tinted - all
Wiring harness for towing	4 and 7 way(brake controller not included

2007 Automotive Options	170//190 Chevrolet Models
Axle - rear	not available//locking differential, external transmission cooler
Bumper Covers	front & rear
Continental spare tire kit	available
Four wheel drive with IFS	not available//available(US only)
LX package	Sand paint w/charcoal lower body
SE package	silver paint w/blackout sections, grey lower body & silver dash trim
Seat belts in rear	standard for 2 on 170 & 190- Versatile(replace night table on 190-Popular)
Seats - 2nd row Captain's	not available
Seats - leather- faux	Captain's & lounge seats
Sofa - rear - electric power	not available//w/3 seatbelts on 190-Popular, not available on 190- Versatile
Striping - Minimalist	available(replaces std. graphics)
Wheels - aluminum	16" - with steel spare
Wheels - polished chrome look	16" - with steel spare

Automotive Features	170//190 Chevrolet
Four-wheel-drive(U.S only)	not avail.//optional
Quality rating of Chevy Express	#1 by J.D. Power
New head impact protection	meets new standard
Driver & pass. leg room	abundant
Seating capacity	up to 4//6 people
Captain seat lumbar supports	standard (power)
Captain seat foam	molded (HRM)
Sound system w/AM/FM	premium CD
Handling	Outstanding
Parking ease	easiest//easier
Net carrying capacity	1,400//1,900 lb.
Power/torque	300 HP/360 ft.lb.
Towing capacity(tow weight)	8,100 lb. max.
Wheelbase	135"//155"
Mirror w/compass & temperature	standard
Rear window defroster	standard

Other considerations	(for all models)
Motorhome warranty	4 year/48,000 miles (80,000km)
Durability & Safety testing	extensive testing makes for top quality, safe vehicles
International quality process	registered to ISO9001: 2000
Dealer service network	100+ dealers
Factory trained dealer service technicians	ServiceTrek certified
Owning & operating costs	less than owning both a car/SUV and a Motorhome
Years building Class B Motorhomes	since 1974
Sales ranking (since 1990)	#1 selling North American Class B
Sales ranking by dollars	among top 15% of N. American RV manufacturers
International owner's club	5th largest chapter of the FMCA, 4,000 plus members
Repeat customers	85% would buy another

<sup>\*\*</sup>Due to our policy of continuous improvement, specifications are subject to change without notice or obligation \*\*





2007/2008 Standard	170 on Chevy 2500 regular Van
Motorhome Features	//190 on 3500 Extended Van
Air Conditioner - 110V	'Dometic' recessed air conditioner
	/heat pump, 12,000 BTU
Aisle	30"(760mm) wide
Awning - box - 'Fiamma'	3000mm(9'10")//3500mm(11'6")
Bathroom	temporarily enclosed w/bifold doors
Battery - auxiliary - 12V	lead acid deep cycle, 95 amp-hours
Battery storage - auxiliary	slide-out tray below floor
Beds - dual density foam	130 mm (5")
Cabinetry	real Maple wood doors and fronts
Carpet	40 oz. 100% Dupont Nylon
Connection -auxiliary - propane	for BBQ w/quick connect
Connection - external - 110V	standard
Connection - external - TV cable	standard
Connection - external - water	standard with quick disconnect
Counter top	engineered stone
Detectors	smoke, propane, carbon monoxide
Faucet - galley	single lever
Floor - lowered	1620//1730mm x 880mm x 50mm
	(64"//68" x 35" x 2")
Furnace - 'Suburban'	propane, automatic, 16,000 BTU
Generator ready package	for gasoline 'Onan' generator
Home Theater - 5.1 surround sound	NA on 170//w/DVD, CD, AM/FM
	radio, dual use rear speakers
Microwave oven - 110V	20L/0.7 cu. ft., 700 watt
Monitor panel	water, waste & propane levels,
	battery charge & bettery disconnect
Power inverter with charger - 12V/110V	750W, w/3-step 45Amp charger
	(w/remote on/off switch)
Propane tank	38 L/10 US gal/45 lbs
Refrigerator - 'Dometic' - 3-way	3.0 cu. ft., auto. source selection
Roof vent - 'Fantastic' - 12V	low profile, power, w/thermostat
Sewage disposal system - 12V	macerator sewage pump
Shower	stand-up in aisle
Sink	w/flush cover
Storage area	across the rear
Storage capacity	49//62 cu ft, 62//80 cu ft w/options
Storage compartments - exterior	1 below floor// 2 below floor
Stove - two burner - propane	recessed w/ flush cover
Table - dining	front & rear
Toilet - 'Thetford'	marine with foot pedal flush
Water fill - fresh - location	front// front & rear door posts to
	reduce clutter & prevent tampering
Water heater - 'Suburban'	propane, with bypass, 23L/6US gal., 12,000 BTU
Water system - on demand	with 12V 'Shurflo' water pump
Water tank capacities	(see Interior Dimensions)
Windows	frameless awning type
Windows - roof	3, frameless with curtains

2007/08 Motorhome Options	170//190 Chevrolet mModels
Armoire - with adj. shelves & drawers	replaces right lounge seat
Battery - second auxiliary	n/a// lead acid deep cycle, 12V, 190 total amp-hrs.
Coffee maker	n/a // 110V (190-Popular only)
DVD player	110V with remote
Generator - 'Onan Microlite'	gasoline, remote- start, 2.8 kW
Matresses - folding	for front lounge seat//seats
Pantry - hanging	not applicable
Screen package	for side van door windows and side & rear door openings
TV - flat screen	19" with remote
Wardrobe - removable	n/a// interchangeable with left lounge seat (190-Versatile)

2007/08 Interior Dimensions	170//190 Chevrolet Models
Standing height	1855mm (73")
Rear king bed length	n/a // 1930mm (76")
Rear king bed width	n/a // 1855mm (73") (max)
Rear double or queen bed length	1880 (74")
Rear double or queen bed width	1260mm (50") // 1320mm (52")
Rear twin bed length - left, right	n/a //1930mm (76"), 1830mm (72")
Rear twin bed width	n/a // 690mm (27")
Front single bed length - left, right	1540mm (61"), 1660mm (65")
Front single bed width	560mm (22") (maximum)
Water tank - fresh	55L (14 US gal) // 95L (25 US gal)
Water tank - grey	85L (23 US gal)
Water tank - black	30L (8US gal) // 40L (10 US gal)

2007/08 Exterior Dimensions	170//190 Chevrolet Models
Length [1]	5720mm (18'9")//6220mm(20'5")
Height - overall	2540mm(8'4") // 2590mm(8'6")
Width - overall (w/o mirrors)	2010mm (6′7″)
Wheelbase	3430mm(135") //3940mm(155")
Unloaded vehicle weight [2]	3200Kg(7,050lb)//3450 Kg(7,600 lb)
Gross vehicle weight rating (GVWR)	3900Kg(8,600lb)//4355Kg(9,600lb)
Gross combined weight rating [3]	6350Kg(14000lb)//7258Kg(16000lb)
Towing - tow weight [4]	3000Kg(6600lb) // 3700Kg(8100lb)
Towing - tongue weight [5]	454Kg (1000lb)

<sup>[1]</sup> Add 250mm(10") if equipped with optional Continental spare tire kit

 $<sup>\</sup>label{lem:condition} \begin{tabular}{ll} [2] Includes weight of base vehicle and fuel only. Does not include weight of optional equipment, water, propane, cargo and/or passengers. \end{tabular}$ 

<sup>[3]</sup> GCWR includes total weight of vehicle, trailer, equipment, fuel, water, propane, cargo, driver and passengers.

<sup>[4]</sup> Maximum towable weight with driver only. This weight reduced by weight of optional equipment, water, propane, cargo and/or passengers.

<sup>[5]</sup> A weight distributing hitch is required for tongue weights over 200Kg (400 lb).



12V macerator sewage pump



Interior Features	170//190 Chevrolet	
Large lowered floor	64" // 68" x35" x 2"	
Aisle width	760mm (30")	
Sleeping capacity	3 or 4 people	
Size of rear bed	up to 1930mm(76") x 1855mm(73")	
Bed cushion foam	130mm(5") dual density	
Comfortable eating area at front	large table with 3 or 4 seats	
Bathroom	large temporary or permanent	
Shower	stand-up in aisle or bathroom	
Propane capacity	45 lb.	
Storage volume (std./ w/options)	up to 62/80 cu. ft.	
Heat pump w/ducts to rear	standard	
Refrigerator - automatic	3.0 cu. ft., 3-way	
Oven	Microwave	
Inverter/charger	750W, 3-step charger	
Auxiliary batteries	one or two 12V	
Counter tops	engineered stone	

Interior Features Continued	170 // 190 Chevrolet	
Recessed propane stove	with flush cover	
Cabinet door material	solid maple	
Carpet	40 Oz.	
Exterior Features	170 //190 Chevrolet	
Lowered floor, low roof	standard	
Exterior height w/air conditioner	2,540mm(8'4") // 2,590mm(8'6")	
Air conditioner exterior vents/connections	built-in, hidden, or camouflaged	
Overall styling	automotive	
Primary paint colours	sand, silver, white	
Spare tire storage - standard	inside	
Spare tire storage - optional	Continental kit	
Storage compartments - exterior	1 // 2 below floor	
Rear access	2 wide-swing doors	
Aux. propane BBQ connection	standard (hose extra)	

Sewage disposal system



# APPLIANCE MANUFACTURER CONTACT INFORMATION:

Component	Manufacturer	Location	Phone Numbe
Awning	Fiamma	Orlando, FL	407-672-009
Battery	Trojan	Santa Fe Springs, CA	800-423-656
Battery (Exide/Stowaway)	Exide	Alpharetta, GA	800-782-784
Coffeemaker, (U.S. / Can.)	Black & Decker	Miramar, FL	800-231-978
Detector-carbon monoxide	MTI Industries	Wauconda, IL	800-383-026
Detector - Propane, (U.S.)	Electro Systems	Bellingham, WA	800-668-225
Detector - Propane, (Canada)	Electro Systems	Victoria, BC	250-385-091
Flat LCD T.V. (Samsung)	Aralex Acoustics Ltd	Coquitlam BC	306-221-761
Furnace, (U.S.)	Suburban Mfg.	Elkhart, IN	423-775-213
Furnace, (Canada)	Suburban c/o GL Products	Oakville, ON	905-845-755
Generator, (U.S.)	Onan Corporation	Minneapolis, MN	800-888-662
Generator, (Canada)	Onan Corporation	Oakville, ON	905-795-005
Heat Pump(Air Conditioner) (U.S.)	Dometic	Elkhart, IN	800-544-488
Heat Pump(Air Conditioner) (Canada)	Dometic	Cambridge, ON	800-361-340
Inverter/Charger	Tripp-Lite	Chicago, IL	773-869-123
Macerator Pump, (U.S. & Canada)	SHURflo, LLC	Cypress, CA	800-854-321
Microwave, (U.S.)	Dometic Corporation	Elkhart, IN	800-544-488
Microwave, (Canada)	Dometic Distribution	Cambridge, ON	800-361-340
Radio - in dash, Jensen	Audiovox (ASAElectronics)	Hauppauge, NY	800-645-499
Radio - in dash, JVC	JVC		800-252-572
Refrigerator, (U.S.)	Dometic Corporation	Elkhart, IN	800-544-488
Refrigerator, (Canada)	Dometic Distribution	Cambridge, ON	800-361-340
Roof Vent - Power	FanTastic Vent	Capac, MI	810-724-381
Screens, (for van doors)	Bug Barrier	Medina, OH	800-548-021
Stovetop, 2 burner w/glass cover	Dometic Corporation	Elkhart, IN	800-544-488
Stovetop, 2 burner	Suburban Mfg.	Elkhart, IN	423-775-213
Toilet, (U.S.)	Thetford Corporation	Ann Arbor, MI	800-521-303
Toilet, (Canada)	Thetford Sanitation	Mississauga, ON	905-671-025
TV Antenna	Winegard	Burlington, IA	800-288-809
Water Heater, (U.S.)	Suburban Mfg.	Elkhart, IN	423-775-213
Water Heater, (Canada)	Suburban c/o GL Products	Oakville, ON	905-845-755
Water Pump, (U.S. & Canada)	SHURflo, LLC	Cypress, CA	800-854-321
Windows	Creation Windows	Elkhart, IN	800-862-313
Wheels - Aluminum(SE)	Prime Wheel	Gardena, CA	310-516-912
Wheels - Aluminum	American Racing	Mississauga, ON	800-959-196



### **CAPTAIN'S SEATS:**

To recline, pull up the recline control lever below the inboard armrest and lean back.

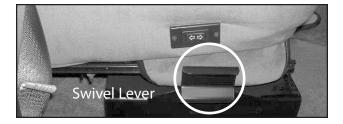
To slide, pull up on the slide bar located on the front of the seat and slide the seat either forward or back, (see Picture B-P1B).

To swivel the seats from a forward facing position to a rearward facing position, pull the swivel lever up. (see Picture B-P1A).

Important Note: Before swiveling the seat you must be aware of the following:

- 1. Ensure that the back of the seat is reclined forward, as far as the recline control allows.
- 2. Slide the seat forward but not so far as to lose clearance of the engine cover. Pull up on slide bar, (see Picture B-P1B).
- 3. Remove 4x4 shifter handle on the floor on the right side of the driver side captains seat by unscrewing the handle, (see picture B-P1C), (4x4 models only).
- 4. Put the tilt steering wheel in the downward position.
- 5. The swivel lever is located on the door side of the seat and locks the seat in a forward facing position. To release pull the swivel lever up and the seat freely swivels, (see Picture B-P1A).
- 6. Swivel the seat to the desired position, (see Picture B-P2).

**Note**: To access the fuse block under the drivers seat, turn the seat 1/4 turn counter-clockwise.



**Picture B-P1A:** View of the side of the Captain's seat, showing the location of the swivel lever.



**Picture B-P1B:** View of the front of the Captain's seat, showing the location of the slide bar.



**Picture B-P1C :** location of 4x4 shifter handle.



**Picture B-P2:** Captain seats swiveled towards the rear of the Motorhome.

# SEAT BELT USAGE:

Only forward facing seats equipped with factory installed seat belts are to be occupied while the vehicle is in motion. All passengers must be seated in these seats <u>only</u>, with the seat belts fastened while the vehicle is in motion.

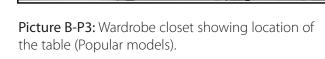


### CLOVERLEAF/FOLDING DINING TABLE:

The folding dining table is stored in its own compartment in the Popular model and the cloverleaf table is stored in the rear closet in the Versatile, (see Picture B-P3 for Popular models and Picture B-P4 for Versatile models). For the Popular, open the compartment door, pull out the folding table and pivot it up to the horizontal position. Pull out the additional support bar located on the front wall of the wardrobe behind the driver seat, and extend the folding leaf. In the Versatile, remove the table leg and place it in the floor base receptacle located in front of the wardrobe. Place table top on top of table leg (remember to bend your knees to lift).

To use the "leaves":

- 1. Pivot the table into the desired position.
- 2. In a seated position, with one hand on the top of the table, use the other hand to unfold the desired leaf to the upright position.



To return the "leaf" to its original position, follow these steps:

- 1. Hold the leaf with one hand.
- 2. With the other hand reach under the table and carefully press on the center of the downward facing part of the spring hinge.
- 3. Fold the leaf back into the stored position.

Caution: Cloverleaf dining table is heavy, bend your knees while lifting.



**Picture B-P4:** Storage location of cloverleaf table and bed support (Versatile models).



### **DINETTE TABLE:**

The table leg is stored in the closet in the Versatile (see Picture B-P4), or in the upper passenger side shelf in the Popular. Remove the table leg and place it into the floor base receptacle located in the rear seating area.

The table top is stored under the driver side rear bed cushion in the dinette models, (see Picture B-P6 and B-P8). Place the table top on top of the table leg, (see Picture B-P5 and B-P7). In the units with the optional power sofa, the dinette table is located at the rear of the galley.

When returning table top to the storage position ensure the table base is placed correctly in the table base receptacle located on top of the rear driver side bench, (see Picture B-P6 and B-P8). Return the table leg to the front wardrobe closet and clip into place for proper storage.



**Picture B-P5:** Location of assembled dinette table, (Popular model with dinette).



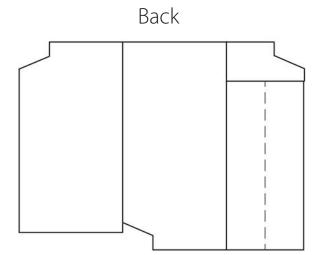
**Picture B-P7:** Location of assembled dinette table, (Versatile model with dinette).

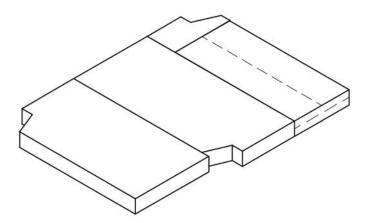


**Picture B-P6:** Storage location of dinette table, showing placement of the table base receptacle, (Popular model with dinette).



**Picture B-P8:** Storage location of dinette table, showing placement of the table base receptacle, (Versatile model with dinette).

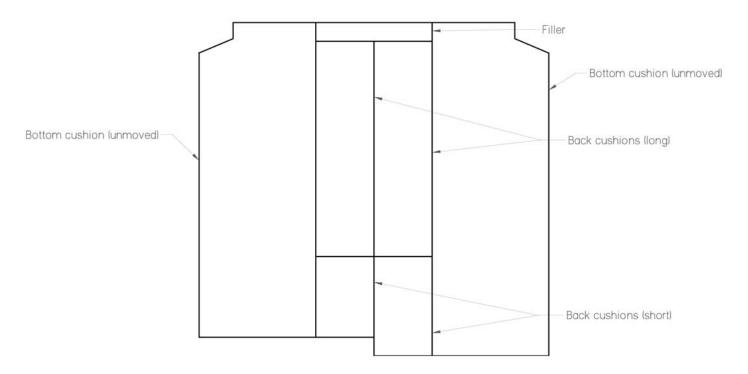




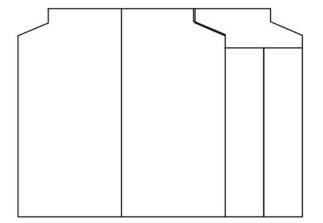
170-Popular Chevrolet Bed Layout

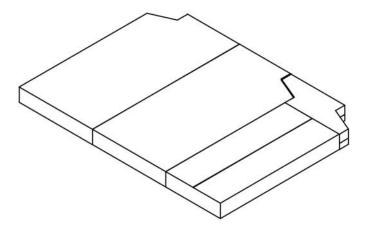


# Back of Motorhome - Top View



190-Popular Chevrolet Bed Layout

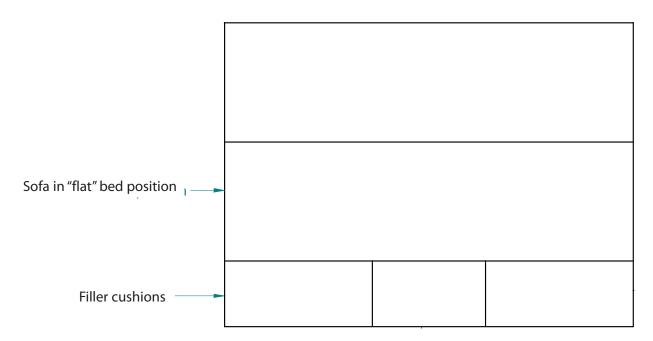




190-Versatile Chevrolet Bed Layout



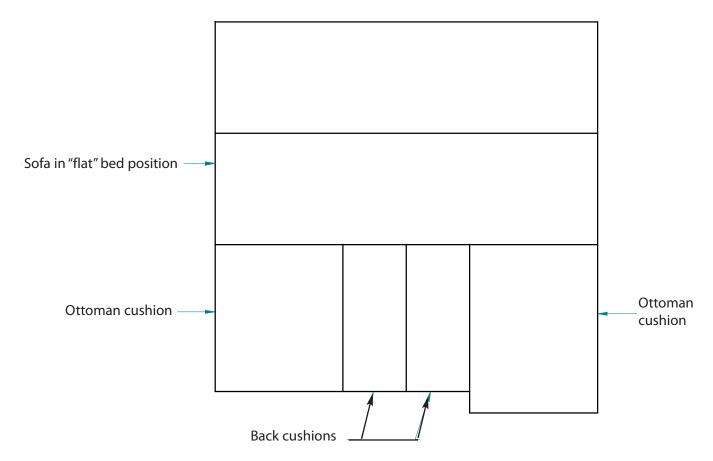
# Back of Motorhome - Top View



190-Versatile Chevrolet Bed Layout(Power Sofa)



# Back of Motorhome - Top View



190-Popular Chevrolet Bed Layout(Power Sofa)



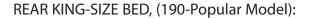
### **SLEEPING FACILITIES:**

### REAR TWIN BEDS, (190-Popular Model):

To convert the dinette into twin beds:

- 1. Remove the table and leg from its receptacle and place the table under the driver side seat cushion, (see Picture B-P6 on page B-3).
- 2. Place both back rest cushions on the floor vertically up against the seat base boxes or store if desired.
- 3. Pull each seat cushion 3" (8 cm) from the wall to provide additional elbow room while sleeping.
- 4. Night table can be removed and stored if desired, (see Picture B-P9).

To convert back to a dinette, perform these steps in reverse order.



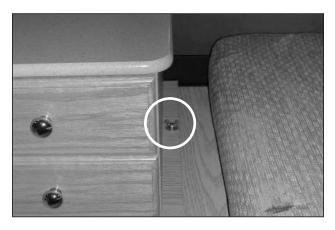
To convert the dinette into a king-size bed:

- 1. Remove the privacy curtain from its Velcro support on the lower edge of the suspended cupboard door.
- 2. Remove the table and leg from its receptacle.
- 3. Remove night table and store. In order to remove, unscrew the wing bolt found on each side of the night table, (see Picture B-P9). Store wing bolts in the night tables drawer when not in use.
- 4. Place table top in center and wood insert as shown, (see Picture B-P10).
- Place both long bolster cushions, (back rests) in centre rear in a tepee position, (see Picture B-P11), then lay flat.

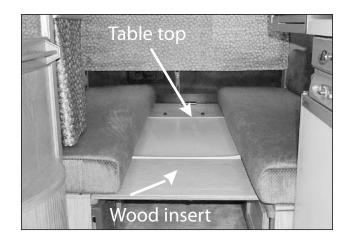
NOTE: The longer bolster cushion must be placed on the driver side, so as to provide clearance for opening the bathroom door.

6. Place the short bolster cushions forward of the long bolster cushions and lay flat.

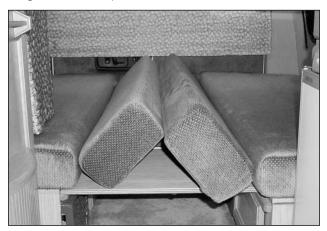
To convert back to a dinette, perform these steps in reverse order.



**Picture B-P9:** Wing bolts attaching the night table, are accessed from the sides of the night table as illustrated above, (Popular model).



**Picture B-P10:** Placement of support pieces for the king size bed, (Popular model).



**Picture B-P11:** Placement of back rest cushions, (190-Popular model).



### **REAR KING BED**

If desired, place the small cushion insert at the rear of the bed to create additional bed length, (see Picture B-P12 and Picture B-P14). (See bed layout drawing on page B-5)

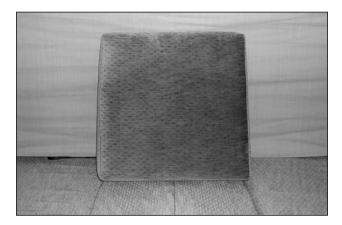
# REAR L-SHAPED LOUNGE TO DOUBLE BED, (190-Versatile & 170-Popular Models):

- 1. Remove the table and leg from their base and place the table on the lateral support located on the upper edge to seat base boxes, (see Picture B-P13).
- 2. Remove center dinette cushion, (see Picture B-P15). Center dinette cushion is extra.
- 3. Unfold back rest cushions and place on top of table, (see Picture B-P16).

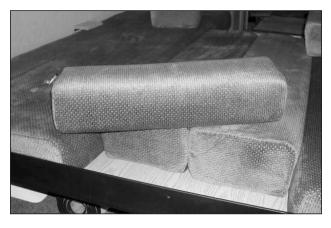
Note: The shorter passenger side seat rest cushion goes on the bottom, rear back rest cushion on top.



**Picture B-P13:** Placement of dinette table used as the center support for the double bed, (Versatile model).



**Picture B-P15:** Centre dinette cushion, (Versatile model).



**Picture B-P12:** Small cushion insert - before insertion, (190-Popular model).



**Picture B-P14:** Small cushion insert in place creates more sleeping surface, (190-Popular model).



**Picture B-P16:** Placement of back rest cushions, (Versatile model).



### FRONT LOUNGE SEATS:

To convert the lounge seat into a single bed:

- 1. Be sure all armrests are in an upright position. Swivel the captain's seat 270 degrees clockwise so that the backrest is toward the center aisle, (see Picture B-P22).
- 2. Remove the lounge seat back and place the folding mattress hard side down between the lounge seat base and captain seat base. Unfold the mattress and arrange to fit as necessary. (See Pictures B-P23, B-P24, and B-P25).

To convert back to a lounge seat, perform these steps in reverse order.



Picture B-P22: Swiveled front captain seat.



**Picture B-P23:** Folding mattress in place.



**Picture B-P24:** Folding Matress in place from front door.



Picture B-P25: Front lounge bed.

The lounge seat is designed to carry a passenger while your vehicle is in motion and is equipped with seat belts installed for their protection. All passengers must be seated in the front captain's seats facing forward or the passenger lounge seats with seat belts fastened while vehicle is in motion. All other seats are not to be occupied while vehicle is in motion. The lap belts must be worn across the hips and not across the abdomen. Passengers must sit well back in the seat and in an upright position.



### POWERED SOFA:

The powered sofa is operated using a bi-directional switch located on the side of the cabinet in the rear of the unit (Picture B-P26d). By depressing the top of the switch, the sofa will be lowered. By depressing the bottom of the switch, the sofa will be raised. This circuit is protected by an automatically resetting 30 Amp. breaker located in the electrical compartment near the inverter.

The setup of the bed is very simple for this item and is best explained by the pictures below.

Picture B-P26a: Powered Sofa in upright position.

# Versatile Units:

- 1. Lower the sofa into place.
- 2. Place the bed support located at the side of the rear passenger side cabinet (picture B-P4) into the opening.
- 3. Place the back rest cushions from both side Ottoman seats together on the support (Picture B-P26c).

# Popular Units:

- 1. Lower the sofa into place.
- 2. The dinette table located at the rear of the galley, under the driver side Ottoman cushion, is used for the bed support (Picture B-P26c).
- The passenger side Ottoman seat bottom cushion is moved onto this support, and the driver side backrest is opened out to fill the space against the passenger side wall.



Picture B-P26d: Sofa Switch



Picture B-P26e: Location of dining table in Versatile



Picture B-P26b: Powered Sofa in fully reclined position.



Picture B-P26c: Powered Sofa in bed configuration.



### WASHROOM AND PRIVACY AREA:

### REAR PRIVACY DOORS, (190-Popular Model):

# When privacy is required:

- 1. Open the door on the suspended cupboard on the passenger side of your vehicle, by pressing the side latch.
- 2. Release the plastic turn tab, (found near the top of the inside door) that secures the inner door, extend this door until privacy is achieved, (see Picture B-P26).
- 3. Ensure the privacy door is secured behind the A/V door, (see Picture B-P27).
- 4. If desired, hang the curtains from the Velcro located on the lower edges of these doors to maintain complete privacy.

To close the rear privacy doors perform these steps in a reverse order.



**Picture B-P26:** Rear privacy door in place, (190-Popular model).



**Picture B-P27:** Position of rear privacy door when secured behind A/V door, (190-Popular model).



# REAR PRIVACY DOORS, (190-Versatile Model):

# Open wardrobe door.

- 1. To open bi-fold door turn button 180 degrees and extend bi-fold door until privacy is reached, (see Picture B-P28).
- 2. In the 2008 models, the front and rear privacy doors connect together in the center.



**Picture B-28:** Opened tri-fold privacy door, (Versatile model).

# FRONT PRIVACY DOORS, (Popular Models):

### When privacy is required:

- To open the front privacy door, (toilet door) press the round latch located to the right of the towel bar until it pops out and pull on latch to open door.
- Release the plastic turn tabs that secure the inner door and extend this door until privacy is achieved, (see Picture B-P29).
- 3. Complete privacy in this area can now be achieved by closing the curtain at the galley window.



**Picture B-P29:** Front privacy door opened, (190-Popular model).

# FRONT PRIVACY DOORS, (190-Versatile Model):

1. Open bathroom door and turn button 180 degrees. Extend bi-fold door until privacy is obtained, (see Picture B-P30).

NOTE: Bi-fold will secure on microwave edge on 2007 models or connect to rear privacy door on 2008 model.

When the privacy doors are returned to a closed position, ensure one that the inner doors are secured with the plastic tabs and secondly that the doors themselves are closed properly to prevent the doors from opening while traveling.



**Picture B-P30:** Front privacy bi-fold door, (Versatile model).



### **WASHROOM FACILITIES:**

### TOILET:

- 1. Ensure that you achieve privacy by extending all privacy doors and closing the galley curtain.
- 2. See appropriate component Manufacturer's Owner's Manuals for operating instructions.

### STAND-UP AISLE SHOWER:

To set up the stand-up aisle shower:

- 1. Remove floor drain cover and drain plug from floor, (see Picture P-B31).
- 2. Ensure that you achieve privacy by extending all privacy doors and closing the galley curtain.
- 3. Release the Velcro retention straps and move the hand held shower from its storage position on the shelf to its shower position, (see Picture B-P32).
- 4. Draw the shower curtain until you are completely surrounded.
- 5. Using the Velcro connectors, secure the edges of the curtain together allowing the shower hose to hang within the shower area to retain any dripping water inside the curtains.
- When adjusting the water temperature, be sure to allow enough time for the temperature adjusted water to exit the shower head before making further adjustments.

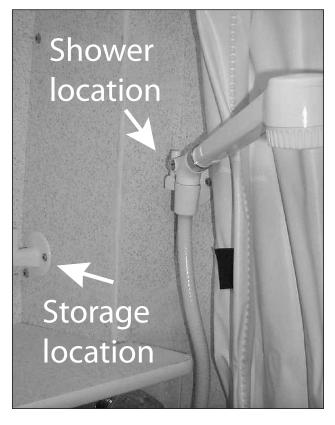
To put away the stand-up shower:

- 1. Rinse and dry the shower curtain thoroughly, (this function is most easily performed before leaving the shower area after use).
- 2. Allow the curtain to air dry completely, (this function can be expedited using the power roof vent).
- 3. Replace drain plug in floor when finished.

Note: To prevent grey water tank contents from spilling onto the floor while driving, keep the drain plug secured when not in use.



**Picture B-P31:** Floor drain, remove floor drain cover using the access holes provided in the cover.



**Picture B-P32:** Hand held shower head in its shower position.



### **EXTRA COUNTER SPACE:**

In order to provide additional counter space, your motorhome has the following three features:

- 1. stove cover.
- 2. slide out shelf above the cutlery drawer.
- 3. sink cover.

CAUTION: Make sure the stove is off and has cooled prior to lowering stove cover.



Picture B-P33: Stove cover

Additional counter space is provided above the cutlery drawer, to access do the following:

- 1. Open cutlery drawer.
- 2. Reach under and slide the shelf forward, (see Pictures B-P34 and B-P35). When shelf is no longer in use wipe down and close cutlery drawer.



**Picture B-P34:** Counter top drawer partially open.



Picture B-P35: Counter top drawer fully open.

# TV:

To view the flat screen display, pull on the TV side closest to the wall and swing the screen to the position you desire (see Picture B-P36).

CAUTION: When vehicle is in motion it is recommended that the TV be "OFF" and in the stored position. To secure the TV for storage, simply swing the TV back against the A/V



cabinet and twist the black "T"-handle lock.

**Picture B-P36A:** Flat screen TV, (in use position).



**Picture B-P36:** Flat screen in the stored and latched position.



### **EXTERIOR ACCESS DOORS:**

### DRIVER SIDE ACCESS DOORS, (190 Models):

Behind the lockable front access door, (see Picture B-P38), the following are found:

- 1. Macerator, (behind gate valve handles under the van).
- 2. Grey water gate valve handle.
- 3. Black water gate valve handle.

Behind and below the drivers side running board step, (see picture B-P43), the following are found:

- 1. Exterior fresh water drain valve.
- 2. Macerator manual crank handle.

Behind the lockable middle access door, (see Picture B-P39), the following are found:

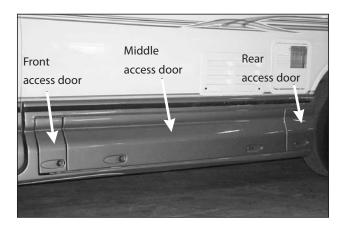
- 1. The power cord.
- 2. Storage for exterior shower hose.
- 3. Large storage area.
- 4. Sewage hose storage location.

Behind the lockable rear access door, (see Picture B-P40), the following are found:

- 1. The city water connection, (integrated at the side behind the rear access door).
- 2. The city water by-pass valve.
- 3. The exterior shower faucet.
- 4. The cable TV connection.



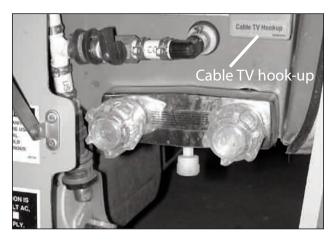
Picture B-P39: Middle access door, (190 models).



**Picture B-P37:** Driver side access doors, (190 models).



Picture B-P38: Front access door, (190 models).



Picture B-P40: Rear access door.



# DRIVER SIDE ACCESS DOORS, (170 Model):

Behind the lockable front access door, (see Picture B-P42), the following are found:

- 1. Sewage hose storage location.
- 2. Grey water gate valve handle.
- 3. Black water gate valve handle.
- 4. The power cord.
- 5. Storage for exterior shower hose.
- 6. Large storage area.

Behind and below the drivers side entrance step, (see picture B-P43),

the following are found:

- 1. Fresh water drain valve.
- 2. Macerator manual crank handle.

Behind the lockable rear access door, (see Picture B-P44), the following are found:

- 1. The city water connection, (integrated on the left hand the side behind the rear access door).
- 2. The city water by-pass valve.
- 3. The exterior shower faucet.
- 4. The cable TV connection.



**Picture B-P43:** Exterior fresh water drain valve and macerator manual crank handle, 190 model shown.



Picture B-P41: Driver side access doors, (170 model).



Picture B-P42: Front access door, (170 model).



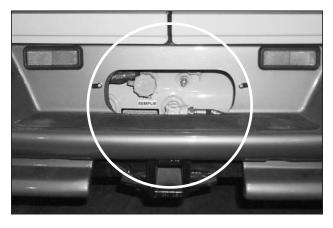
Picture B-P44: Rear access door, (170 model).



# PROPANE ACCESS DOOR:

Behind the propane access door, (integrated into the rear bumper, covered with a black plate), (see Picture B-P45), the following are found:

- 1. Propane fill valve.
- 2. Propane tank shut off valve.
- 3. Portable barbecue connection.



Picture B-P45: Propane access.

### PASSENGER SIDE ACCESS DOORS:

Behind the access door behind the rear wheel, (see Picture B-P46), the following is found:

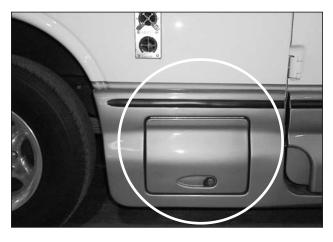
1. Slide out tray with auxiliary battery.

Behind the lockable access door in front of the rear wheel, (see Picture B-P47), the following is found:

1. Storage area or second auxiliary battery, (when installed), (190 models only).



Picture B-P46: Access door behind rear wheel.



**Picture B-P47:** Storage/dual battery access door in front of the rear wheel.



### **AUXILIARY BATTERY:**

The auxiliary battery is located behind the passenger access door behind the rear wheel, (see Picture B-P46). Under heavy use it is recommended to check once a month, see maintenance section.

In order to access the auxiliary battery one must do the following:

- 1. Unscrew wing bolt, (see Picture B-P50).
- 2. Pull down on release handle above the exhaust pipe, (see Picture B-P51).
- 3. Lift barrel bolt.
- 4. Slide out battery tray.

CAUTION: DO NOT ATTEMPT TO REMOVE BATTERY COVER WHILE ENGINE IS RUNNING / EXHAUST IS HOT. HOT EXHAUST CAN cause SEVERE BURNS.

To reinstall reverse steps above. (Ensure cover is engaged with flange above battery).

CAUTION: BATTERY ACID CAN BURN SKIN AND DAMAGE CLOTHING. PROTECTIVE EYE WEAR AND GLOVES SHOULD BE WORN WHEN HANDLING THE BATTERY.

Observe all battery warnings and caution labels.

NOTE: Your vehicle is equipped with a group 27 lead acid auxiliary batteries. It is recommended that acid levels be checked at least once every 3 months. See battery manufacturers maintenance recommendations.

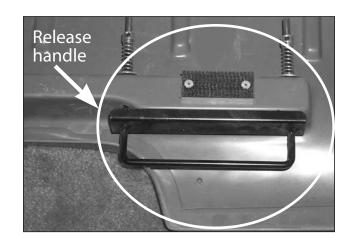
### REPLACING THE AUXILIARY BATTERY:

Ensure that you maintain a minimum of a 3/8 inch clearance between the battery posts and the top edge of the compartment. Replacement battery is a group 27 deep cycle lead acid or equivalent.

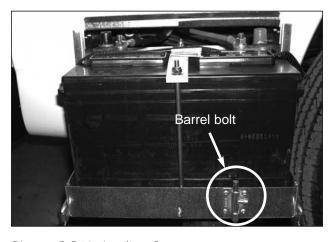
Ensure that the battery cable hex nuts are tightened to 10 ft-lbs, (see Picture B-P52).



Picture B-P50: Wing bolt.



**Picture B-P51:** Location of battery cover release handle. (Back side of battery cover shown).



Picture B-P52: Auxiliary Battery.



### SPARE TIRE STORAGE:

The spare tire is located in the storage area found under the passenger side rear bed in the units with dinette seating or on the Continental style tire carrier for units with the power sofa option. Brace yourself for the weight of the tire, (37 kg / 80 lbs).



**Picture B-P53:** Location of jack in newer units with Dinette seating.



**Picture B-P54:** Location of jack in newer units with power sofa.

### CONTINENTAL SPARE TIRE KIT (optional):

To access the full-size spare tire:

- 1. Remove the lockable chrome ring and fiberglass disc.
- 2. Loosen the anti vibration bolt, (see picture B-P55A)
- 3. While holding the spare tire, in the upright position, remove catch pin on the elbow of the receiver.
- 4. Slowly lower the spare tire to the flat position, (see Picture B-P56). Brace yourself for the weight of the tire, (37 kg / 80 lbs).
- 5. Remove lug nuts on spare tire to remove from carrier.

To store tire, repeat these steps in reverse.



**Picture B-P55:** Spare tire kit.



Picture B-P55A:
Anti vibration bolt.



**Picture B-P56:**Remove from carrier.



**Picture B-P57:** Tire storage.



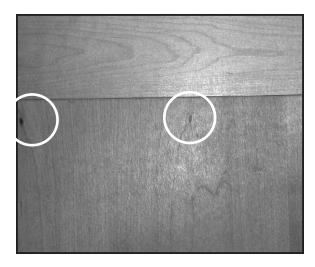
CAUTION: WHEN THE FRONT, (60%) SIDE DOOR IS OPEN, (see Picture B-P58), THE FRONT PASSENGER CAB DOOR SHOULD NOT BE OPENED. OPENING THE CAB DOOR while the front side door is open MAY DAMAGE THE GROUND EFFECTS.

Roadtrek Motorhomes Inc. makes no warranty whatsoever for damage caused to ground effects or doors as a result of this.



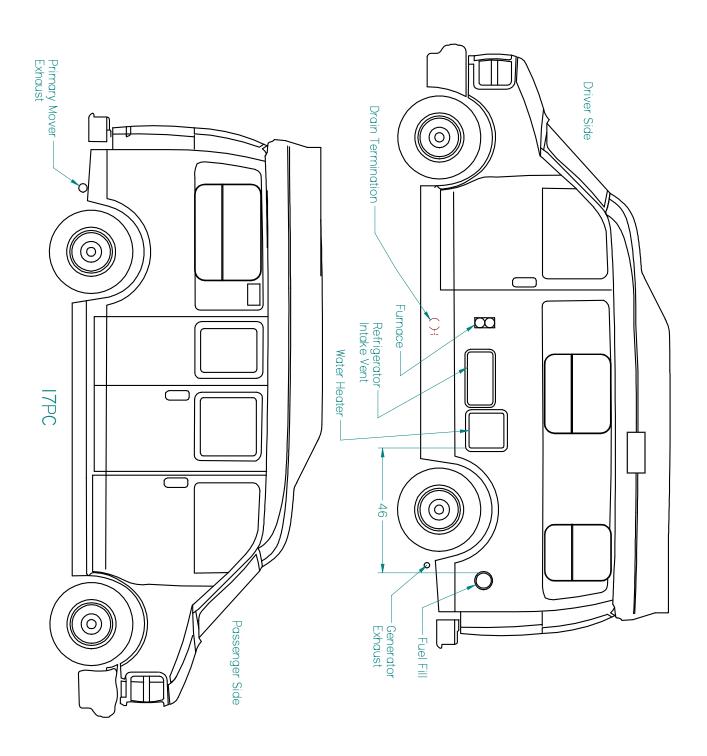
Picture B-P58: Front side door open.

Due to the properties of natural Maple or Cherry wood, Roadtrek Motorhomes Inc. makes no warranty against the mineraling of wood components.
(see Picture B-P59).



**Picture B-P59:** Mineraling in maple/cherry wood.

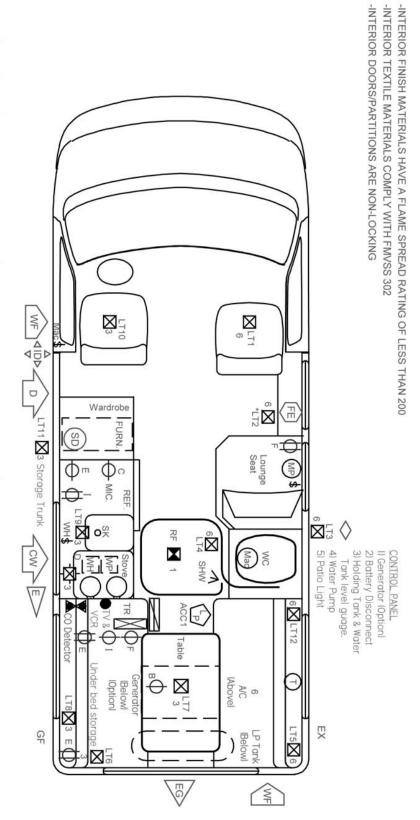




170-Popular Chevrolet

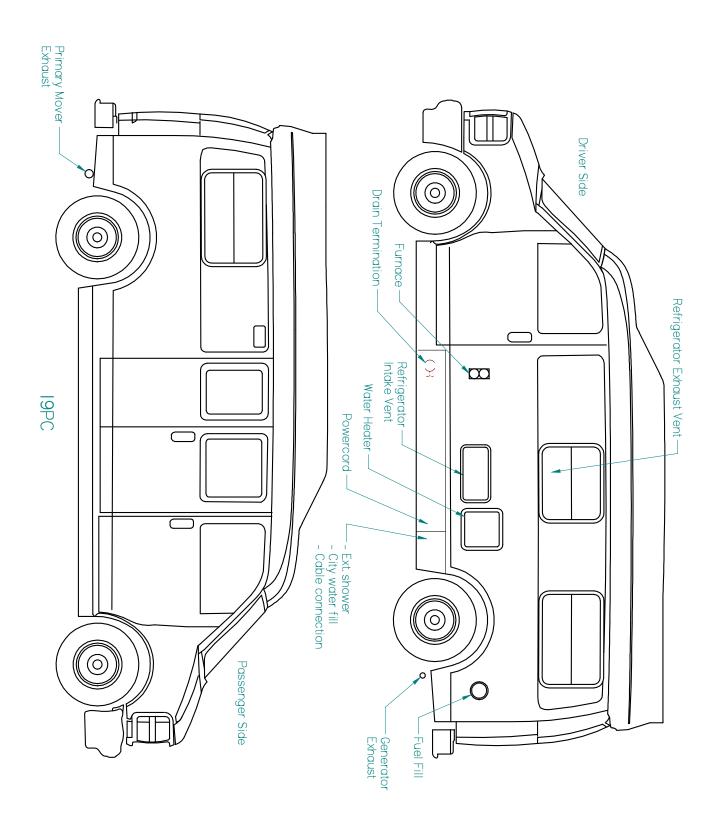


17PC	CIRCUIT SCHEDULE 17PC			
LOADING	WIRE SIZE	AMPS	VOLTS	Circuit
Main Power Switch	10AWG 2CU W/GROUND	30	110	Α
Air Conditioner / heat pump Receptacle	12AWG 2CU W/GROUND	20	110	В
Microwave Receptacle	14AWG 2CU W/GROUND	15	110	С
Refrigerator Recetacle	14AWG 2CU W/GROUND	15	110	D
Driver side rear Receptacles	14AWG 2CU W/GROUND	15	110	Е
Passanger side front + Inverter /charger Receptacle	14AWG 2CU W/GROUND	15	110	F
AV Cabinet + Galley Receptacle	14AWG 2CU W/GROUND	15	110	I
Macerator	10AWG STANDARD CU	20	12	1
Water Pump	14AWG STANDARD CU	10	12	2
LP Gas Detector	18AWG STANDARD CU	1	12	3
CO Detector	18AWG STANDARD CU	1	12	4
Refrigerator	10AWG STANDARD CU	20	12	5
Water Heater	14AWG STANDARD CU	10	12	6
Furnace	14AWG STANDARD CU	10	12	7
Heat pump (Air Conditioner)	18AWG STANDARD CU	10	12	8
AV (TV)	14AWG STANDARD CU	15	12	9
Front, Galley and Rear Center Lights	14AWG STANDARD CU	10	12	10
Roof Lights, Range Hood	14AWG STANDARD CU	15	12	11
Roof Vent Fan, Rear and Patio Light	14AWG STANDARD CU	15	12	12



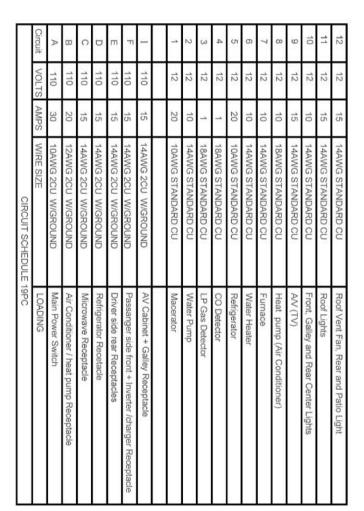
170-Popular Chevrolet

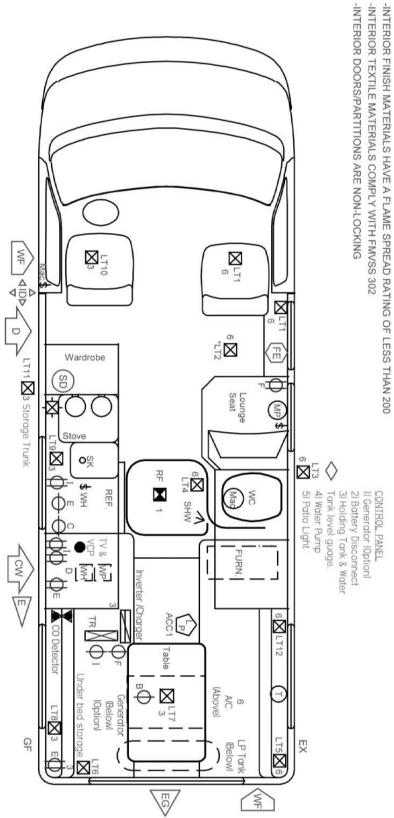




190-Popular Chevrolet

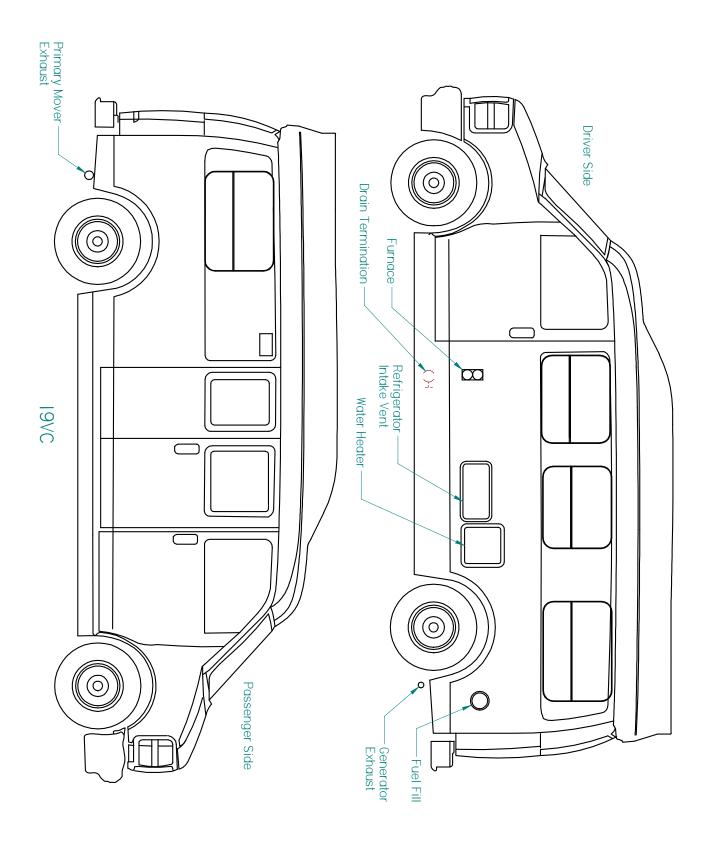






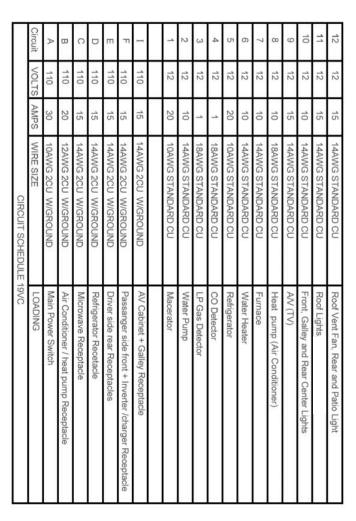
190-Popular Chevrolet

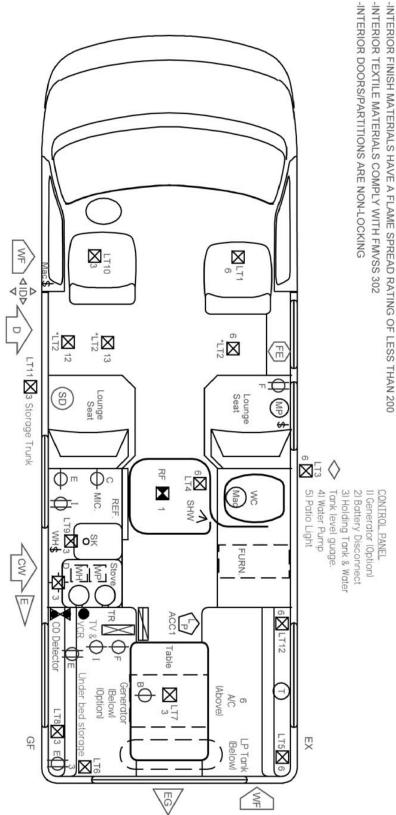




190-Versatile Chevrolet







190-Versatile Chevrolet



$\overline{\nabla}$	➾			₩	↔	<b>\$</b>	Ф	Ф					X	(8)	<b>4</b> □⊅	VIII O		<b>\Q</b>		WP	L CW	WF
120V ELECTRICAL INLET	COMB. 12V FAN/LIGHT FIXTURE	12V EXHAUST FAN	12V LIGHT FIXTURE	2 POLE DBL THROW SWITCH	SINGLE POLE SWITCH	110V SPLIT DUPLEX RECEPTACLE	110V DUPLEX RECEPTACLE	110V SINGLE RECEPTACLE	110V + 12V DISTRIBUTION PANELS	12V FUSE BLOCK / BOX	110V DISTRIBUTION PANEL	INVERTER / CHARGER	CARBON MONOXIDE DETECTOR	SMOKE DETECTOR	MFG. ID LABEL	EMERGENCY EGRESS (17"x24" min.)	FIRE EXTINGUISHER (MIN. 10B.C.)	INSIGNIA LOCATION	DRAIN OUTLET	POTABLE WATER PUMP	CITY WATER INLET	POTABLE WATER FILL
SHW	RH	REF	RAN	MIC	PROPANE	LAV	НТ	GFIC	GFI	GF	GEN	FURN	EX	CM	ват	A/C		+	MAC	MP	<del>-</del>	•
SHOWER	RANGE HOOD	REFRIGERATOR	COOKING APPLIANCE	MICROWAVE	PROPANE STORAGE TANKS	LAVATORY	HOLDING TANK	GROUND FAULT INTERRUPT CIRCUIT	GROUND FAULT INTERRUPT	GASOLINE FILL	GENERATOR SET	COMFORT HEATING APPL.	ENGINE EXHAUST	COFFEE MAKER	BATTERY CHARGE LEVEL INDICATOR	AIR CONDITIONER	PROPANE DETECTOR	BATTERY STORAGE	MACERATOR	MONITOR PANEL	THERMOSTAT	T.V. JACKS
	SYMBO	ROADTF	)HJ															WΤ	WH	WC	TR	SK
	SYMBOLS AND ABBREVIATIONS LEGEND	ROADTREK MOTORHOMES	EGEND															WATER TANK	WATER HEATER	WATER CLOSET	TRANSFER SWITCH	KITCHEN SINK



## 170 and 190 Chevrolet ROADTREK APPLIANCE & ACCESSORY MANUFACTURER'S LOG

Appliance	Manufacturer	Model
Awning	Fiamma	F45
Battery	Exide	Stowaway ST27
Battery Isolator	Hehr-Powerline	33-301
CO Detector	MTI Industries	60-541
Distribution Panel	Progressive Dynamics	PD50K3Q2GP
Fire Extinguisher	Company Kidde	Elite 10
Furnace	Suburban	NT 16SE
Generator	Onan	2.8KW Microlite
Heat Pump	Dometic	41001.61
Inverter	Tripp-Lite	RV750ULHW
Macerator Pump	Shurflo	3200-200
Microwave oven	Dometic	CDMW07W
Monitor Panel	Kib	K42RT
Propane Detector	Electro Systems	GS/3
Propane Tank	Manchester	68001
Power Roof Vent	Fantastic	4000BT
Range	Suburban	2700AST
Refrigerator	Dometic	RM2354
Smoke Detector	Fire Sentry	0914CA
Toilet	Thetford	Aqua Magic IV Lo
Transfer Switch	Progressive Dynamics	PD5110610
TV	Samsung (Flat Screen)	940MW
TV Antenna	Winegard	Sensar III
Water Heater	Suburban	SW6D
Water Pump	Shurflo	2088-403-144

Appliance manufacturers and model numbers are subject to change without notice.



### **NOTE: INVERTER**

Your Owner's Manual for RV750ULHW contains most of the essential information you need to enjoy the electrical conveniences of home while at RV parks or dry camping. However, we wish to highlight for you exactly how the charging portion of the inverter/charger works, in order to help avoid possible confusion:

Supplying shore power or, (optional) generator power enables the RV750ULHW to charge the auxiliary battery (ies). Operation of your vehicle engine and alternator will also charge the auxiliary battery (ies). When your motorhome is not plugged into shore power or, (optional) AC generator power, all electricity you use draws power from your motorhome's auxiliary battery bank, with the inverter allowing you to enjoy quiet DC-to-AC, (12 volt to 110 volt) power in the absence of shore or generator power.

### 10V inverter/charger shut down

As a safety feature, the inverter component of the RV750ULHW inverter/charger, (which changes DC battery power to AC electricity) will shut itself down when your auxiliary battery bank drops below 10 volts DC. This occurs in order to avoid excessive discharging and potential damage to the battery (ies), as well as to preserve sufficient battery voltage to maintain the functionality and readiness of the battery charger component of the RV750ULHW. It is possible, however, for the battery (ies) to become discharged below 10 volts DC as a function of activity other than using the inverter. For example, while dry camping, in the absence of shore or generator power, if a 12 volt appliance such as the furnace or lights are left on for an extended period of time. In that event, the battery charger component of the RV750ULHW will become inoperative. Therefore, after plugging into shore power or supply of, (optional) generator power, it is possible that the battery (ies) may not be recharging. The indicators of this situation will be either completely dark LED lights on the monitor panel of the RV750ULHW inverter/charger, and a continuously blinking red LED light on the battery voltage readout, or all three LED lights continuously blinking on the battery voltage readout on the RV750ULHW.

### Inverter/charger start up after automatic safety shut down

To remedy this situation, start the automotive engine, to allow the charger to sense a voltage of higher than 10 volts. The indicator of success will be a transition on the monitor panel from yellow inverted power LED light to the green line power illuminated LED light. This may take up to 60 seconds. At this point the engine can be turned off, because the charger has been activated and "takes over" the function of charging the battery (ies). Once battery voltage has risen sufficiently for your purposes, (e.g., to the yellow, yellow-green, or green "full charge" level), shore power or, (optional) generator power can be disconnected, although disconnection is not required; the charger will automatically reduce the rate of charge to prevent the battery (ies) from becoming overcharged.

### Dry camping battery conservation

While dry camping, (no 110 VAC power available) to conserve battery power, it is recommended to switch the inverter to the off or charge position, if the inverter is left in the ON position, it will continue to draw 1.25 amps. To ease in switching of the inverter, we have installed a clearly labeled remote switch located at the control panel area.

### Receptacle functionality (Inverter Circuits)

When using your motorhome and connected to shore power or optional generator, the receptacles in the audio/video cabinet and in the galley will function to the 15 amp capacity supplied from the distribution panel. However when no shore power or option generator power is available, these receptacles are limited to the 750 watts.

If an overload occurs, the inverter will shut down, and will need to be reset manually, by turning of the inverter off for 1 minute, removing the load, and then turn the inverter back on.



Your vehicle's electrical system must not be subjected to changes and / or additions to circuitry, appliances, etc.

Altering the electrical system could result in serious safety issues or component damage.

Changes to the electrical system void the warranty.

### 110 / 12V INVERTER / CHARGER / DISTRIBUTION PANEL:

For your convenience when camping in parks with hookups for 110V power, all our models have in the electrical system a 110/12 volt distribution panel / inverter / charger. The inverter/charger provides 12 volt power for the 12 volt appliances and the inverter provides 110 volt power for the galley receptacle and the audio/video receptacle. The inverter charger also charges auxiliary batteries present in the system when being supplied by shore power or generator power.

See "Floor Plan & Appliance Location" for the distribution panel/inverter/charger location. To open the distribution panel simply pull the access door until the cover is released. All the 110 volt breakers and 12 volt fused circuits are identified inside the distribution panel, behind the distribution panel access door.

### **EXTERNAL ELECTRICAL SOURCE CONNECTION:**

Your vehicle is equipped with a heavy duty 30 amp. power cord so that you can connect your electrical system to an outside 110V power source.

The power cord is stored in the storage compartment located behind the driver side large lockable middle access door integrated within the running boards, (see Pictures B-P42 and B-P39).

NOTICE: Do not place heavy or sharp objects on the power cord.

A 30 to 15 amp. adapter is not included with your vehicle.

NOTICE: When connecting your system to an external power source, ensure that a properly equipped, (three pronged) and functioning receptacle is used. If any type of spark or shock is detected, disconnect from the source immediately and do not reconnect until the problem is corrected.

### **GENERATOR:**

All service requirements are listed in the generator owners manual.

The 2.8kW generator has capacity limitations, but will supply adequate power to operate the air conditioner and a small appliance.

The generator is located and accessed on the underside behind the rear axle of your vehicle.

CAUTION: When launching a boat, using your Roadtrek, it is important to know that generators must not be submerged in water. This will permanently damage the generator. If you cannot launch without submerging the generator, an alternate method would be to use a boat launching service.

Notice: To prevent carburetor damage, generator must be run for a minimum of 20 minutes under load monthly.

### BUILT-IN 110V HEAT PUMP - AIR CONDITIONER:

In addition to the operating instructions contained in the Manufacturer's Owner's Manual, the air conditioner - heat pump should be started as follows when the optional generator is used:

- 1. Start the generator and run for several minutes until warm.
- 2. Set thermostat setting above ambient temperature.
- 3. Turn thermostat control to the "low cool" position.
- 4. Turn fan to the ON position.
- 5. Adjust the thermostat cooler until the compressor starts.
- 6. Once compressor is running adjust the thermostat to desired setting. Your vehicle should be parked as close to level as possible to maximize the air conditioner's efficiency.

NOTE: The heat pump may be used to warm up the motorhome on cool nights. For colder temperatures, below 40°F, (4°C) it is suggested that the furnace be used for heat.



### TV:

WARNING: If your vehicle is equipped with an optional flat screen TV, the TV must be off and in the stored position during travel.

### **MONITOR PANEL:**

The monitor panel is located on the shelf above the passenger lounge seat, (see Picture E-P1).

The monitor panel is used to provide the approximate fluid levels in the fresh, grey and black, (holding) water tanks, the propane tank, and the charge level of the auxiliary battery.

The monitor panel has a series of L.E.D. lights that mark the fluid levels at set increments of F, (full), 2/3, 1/3 and E, (empty). Therefore with respect to the water tank levels, you must be aware that the panel does not always reflect the actual fluid levels. For example, when the 1/3 level light is on, the tank may be anywhere from 1/3 to just under 2/3 full. When the panel reads empty, the tank may be anywhere from empty to just under 1/3 full.

The black and grey water tanks must be flushed regularly with sanitation fluid, to prevent the accumulation of solids on the probes to maintain accurate black and grey water level readings. Required tank flushing will vary depending on usage.

To flush: Refer to the instructions on the Waste Tank Dumping found in the Water Systems Section.

NOTE: When the water system is operating in the winter mode, only the interior fresh water tank is to be used. Therefore you must be aware that the interior tanks fluid level is actually empty when the 1/3 L.E.D. light is displayed on the monitor panel.



Picture E-P1: Monitor panel, distribution panel, porch light, inverter, water heater, and optional generator control switch.

The auxiliary battery charge level indicator is marked "C", "G", "F", and "L".

- 1. "C" indicates the battery is fully charged or is charging.
- 2. "G" indicates the battery charge is "good".
- 3. "F" indicates "fair".
- 4. "L" indicates "low".

The battery condition is indicated by the uppermost light that is on. For example, if the "G", "F", and "L" lights are on, the battery charge is "Good".

The panel also provides the switch for the water pump and a disconnect switch for the auxiliary battery.



### AUXILIARY BATTERY AND ISOLATOR/BATTERY SEPARATOR:

The auxiliary batteries are group 27 lead acid type. The auxiliary battery is located behind the passenger side access door found behind the rear wheel, see section on Auxiliary Battery. To access the battery refer to the auxiliary battery section found in the Daily Living section.

The auxiliary battery is automatically charged through the isolator/separator by the engine's alternator while the engine is running. This battery is also automatically charged by the inverter / charger when:

- 1. The battery disconnect switch on the monitor panel is set to the "ON" position prior to connection to an outside electrical power source.
- 2. Your vehicle is connected to an outside electrical power source.
- 3. The breakers in the distribution panel are in the "ON" position.
- 4. While the generator is in operation, (if so equipped).

A disconnect switch, located on the monitor panel, provides a disconnect for the auxiliary battery from the 12V system while your vehicle is not in use.

Since the auxiliary battery is a deep-cycle type, it may be discharged completely and recharged without damage, (whereas the automotive battery is designed to be kept fully charged by the alternator and may undergo damage if fully discharged). However, a battery should never remain in a discharged state and should be recharged immediately to prevent damage. When not in use, the auxiliary battery will slowly discharge on its own.

Accordingly, if the battery is not being used, it should be recharged monthly by connecting to an outside electrical power source, by operating the generator, (if equipped) for at least 12 hours, or by running your vehicle's engine for a minimum of 2 hours.

The isolator is located under the hood in the engine compartment. The isolator allows the alternator to charge both the automotive and auxiliary batteries when the engine is running, and it will prevent your vehicle's 12V motorhome equipment, (interior lights, water pump, exhaust fans, furnace blower, etc.) from drawing on the automotive battery.

### **AUTOMOTIVE BATTERY:**

The automotive radio in your vehicle will exert a small draw on the automotive battery to maintain the time and preset stations.

To prevent the battery from being completely discharged, the radio should be disconnected from the automotive battery when your vehicle will be out of service for 2 months or more. Failure to do this may risk voiding the warranty.

The radio can be disconnected by removing the 10 amp. radio fuse from the automotive fuse block, located at the left underside of the dash, or by disconnecting the negative automotive battery cable. See Automotive Owners Manual or aftermarket radio manufacturers manual for full radio operating instructions.

### **INTERIOR CAB LIGHT:**

The interior 12V cab light located on the underside of the cab ceiling panel has a multipurpose switching system. This switching system utilizes the switch on the light itself and the dash mounted headlight switch, located to the left of the steering wheel. The center light bulb is wired to the automotive time delay circuit, and the outboard bulbs are on the auxillary (motorhome) battery circuit.

Refer to the Chevrolet's Owner's Manual for complete operation instructions.



### REAR UNDER BED STORAGE COMPARTMENT LIGHT(not available with power sofa option):

The interior 12V light located on the left side of the rear storage compartment has a multipurpose switching system and operates on the same automotive time delay circuit as the aforementioned interior cab light.

### WATER HEATER:

The Roadtrek is equipped with a water heater. The water heater must be operated on Propane. Please refer to the Suburban owner's manual for complete operation instructions.

### **DVD/HOME THEATER**

The Roadtrek is equipped with a Surround Sound Home Theater system as a standard feature on the 190-Popular and Versatile only.

### Watching a DVD

- 1. Turn on the Home Theatre and TV
- 2. Change the Source of the TV to "AV"
- 3. On the Home Theatre Remote, press the Open Button
- 4. Place your DVD in and Press the Open Button Again
- 5. Wait for the DVD to load and proceed as normal



Picture E-P2: Home theater receiver unit (may not be exactly as shown).

### Watching TV

- Turn on the Home Theatre and TV
- 2. Change the Source of the TV to cable
- 3. On the Home Theatre remote, press the "Function" button until the Home Theatre reads "AV IN"
- 4. Proceed as normal

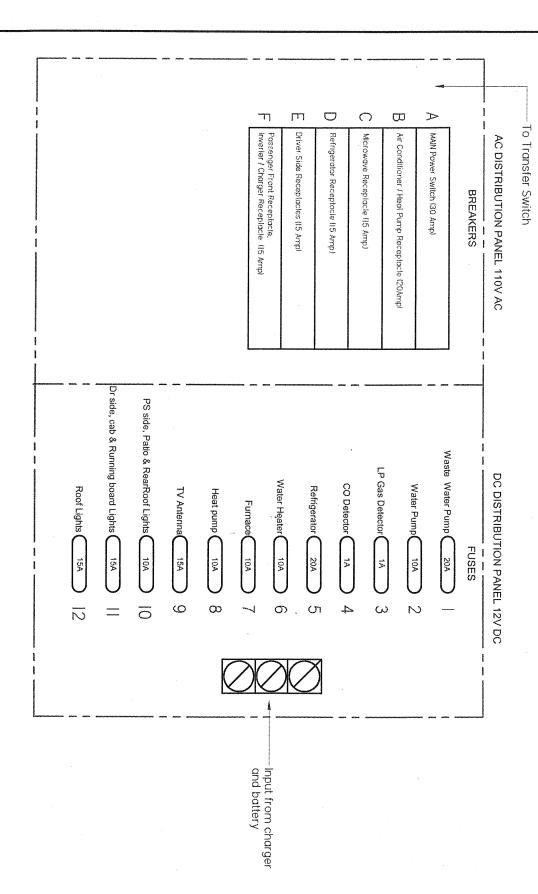
### Listening To Radio

- 1. Turn on the Home Theatre
- 2. On the Home Theatre remote, press the "Function" button until the Home Theatre shows a radio station frequency.
- 3. Use the tuning buttons to change the station.
- 4. To get an AM station, press the "Band" button.

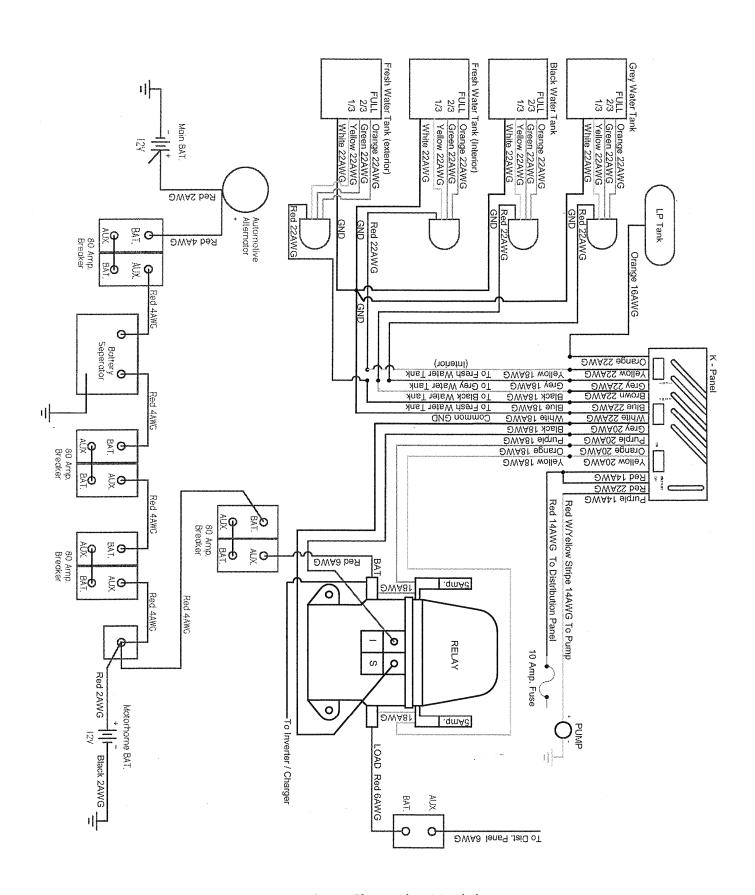
### Checking the Speakers

- 1. Turn on the Home Theatre
- 2. Remove and discs in the Home Theatre, and wait until the Home Theatre reads "NO"
- 3. Press the "Setup" button
- 4. Press the Up button once, then the left button once, then the down button once. Then press ENTER
- 5. Listen for a static sound out of the speakers; you can cycle through the speakers using the left and right buttons.
- 6. If the speakers in the rear of the Roadtrek do not work, make sure that the "Rear Speakers" switch located near the Home Theatre is turned to "Surround".

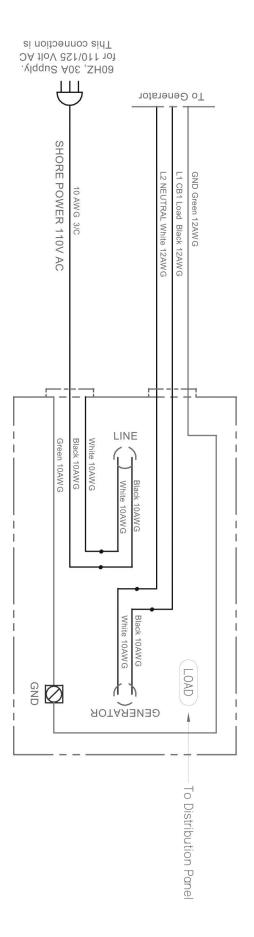
## Electrical Distribution Panel - 170/190 MY07







170/190 Chevrolet Models



Vaho



Your vehicle is equipped with a Propane system which, when properly handled and maintained, will provide trouble and worry free operation of your Propane fueled appliances.

Propane fuel is stored in a liquid state under extremely high pressure. As fuel is used, Propane vapor passes from the top of the tank through the regulator into the gas lines and eventually to the appliances.

Although the entire system has undergone extensive factory and dealer testing for leaks, the system's connections and fittings are subjected to road vibrations and therefore should be checked annually for possible leaks.

Propane fuel is extremely flammable, colourless, heavier than air and smells like garlic or rotten eggs.

IF YOU SMELL GAS, extinguish any open flames, pilot lights and smoking materials immediately. Do not touch any electrical switches. Leave vehicle, shut off the Propane supply at the tank valve and open doors and windows to provide maximum ventilation. Leave the area until the odor clears. Have the system checked and the leak corrected before use.

The Propane tank fuel valve must be turned ON to operate Propane fueled appliances.

WARNING: Propane tanks shall not be placed or stored inside your vehicle. Propane tanks are equipped with safety devices which relieve excessive pressure by discharging gas into the atmosphere.

WARNING: To reduce the danger of fire or explosion, do not store gasoline or other flammable liquids inside your vehicle.

WARNING: Ensure you purchase Propane from a reputable Propane facility. Contaminated Propane is a common cause of system failure.

WARNING: Follow all recommended maintenance schedules.

NOTE: Some of the safety detectors may sound alarms during initial startup of RV systems and appliances. In particular, the propane detector will sound when the battery is turned on each time. Also, the first few times the furnace is operated for more than a few minutes the smoke detector will alarm. This is because there is oil on some parts of the furnace that will be burned off during these first few usages. This behaviour should stop after 2-3 usages of the furnace.



### PROPANE TANK:

To open and close the Propane tank use the manual shutoff valve located on the tank, accessible from behind the rear bumper.

It is recommended to close the propane tank shutoff valve when the vehicle is not in daily use. Furthermore, it is recommended to close the shutoff valve when the vehicle is in travel.

The refrigerator should be operated on 12 volt when the vehicle is in travel. See refrigerator Manufacturers Owner Manual for proper 12 volt operation.

### **APPLIANCES:**

WARNING: It is not safe to use cooking appliances for space heating purposes due to the danger of asphyxiation.

WARNING: The propane stove needs fresh air for its safe operation.

Because the amount of air supply is limited by the size of your vehicle, before operating the propane stove, open the overhead vent or a window and then turn on the range hood for increased air circulation, (see Floor Plan & Appliance Location). Proper ventilation when using the propane stove will reduce the dangers of asphyxiation.

WARNING: Portable fuel burning equipment, including wood and charcoal grills and stoves, should not be used inside your vehicle. Use of this equipment inside your vehicle may cause fire or asphyxiation.

See appropriate component Manufacturer's Owner's Manuals for operating instructions.

### **REFUELING PROCEDURES:**

WARNING: Do not refuel the propane tank to more than 80% of its capacity.

A properly refueled propane tank will hold approximately 80% of its volume in a liquid state. Over fueling of the propane tank can result in uncontrolled gas flow which can cause fire or explosion.

WARNING: The tank valve must be closed and ALL PILOT LIGHTS, APPLIANCES, AND THEIR IGNITERS, (see Operating Instructions) SHALL BE TURNED OFF during refueling of motor fuel tank and / or the propane tank. Only qualified personnel should refuel your propane tank.

### **REGULATOR:**

The propane regulator is located adjacent to the propane tank.

This regulator has been installed in a protective cover to keep out debris, and with the vent facing downward. Ensure that the regulator vent always faces downward to minimize vent blockage which could result in excessive gas pressure causing fire or explosion.



### PROPANE LEAK DETECTOR:

Your vehicle has been equipped with a propane leak detection device for your protection, (see Picture F-P1).

See "Floor Plan & Appliance Location" for the propane leak detector location.

Be sure the detector is operating while using your vehicle. Do not block air circulation in the area where the propane leak detector is located.

See Manufacturer's Owner's Manual for other operating instructions.

WARNING: Battery disconnect switch located on the monitor panel, must be in the "ON" position for detector operation.

Picture F-P1: Propane leak detector.

### CARBON MONOXIDE LEAK DETECTOR:

Your vehicle is equipped with a carbon monoxide, (CO) leak detection device for your protection, (see Picture F-P2).

See "Floor Plan & Appliance Location" for location of the carbon monoxide gas leak detector location.

Be sure the detector is operating while using your vehicle. Do not block air circulation in the area where the carbon monoxide leak detector is located.

See Manufacturer's Owner's Manual for other operating instructions.

WARNING: Battery disconnect switch located on the monitor panel must be in the "ON" position for detector operation.



**Picture F-P2:** Carbon monoxide leak detector, (All models).

### **SMOKE DETECTOR:**

Your vehicle is equipped with a smoke detection device for your protection, (see Picture F-P3).

See "Floor Plan & Appliance Location" for the smoke detector location.

This device should be tested after each time your vehicle has been in storage, before each use, and at least once each week during your vehicle's use.

NOTE: Upon delivery of your vehicle from the factory, the smoke detector is inoperative because the battery is reversed to prevent drainage. Before operation, reverse the battery to the proper position and test the operation of the smoke detector.



Picture F-P3: Smoke detector.

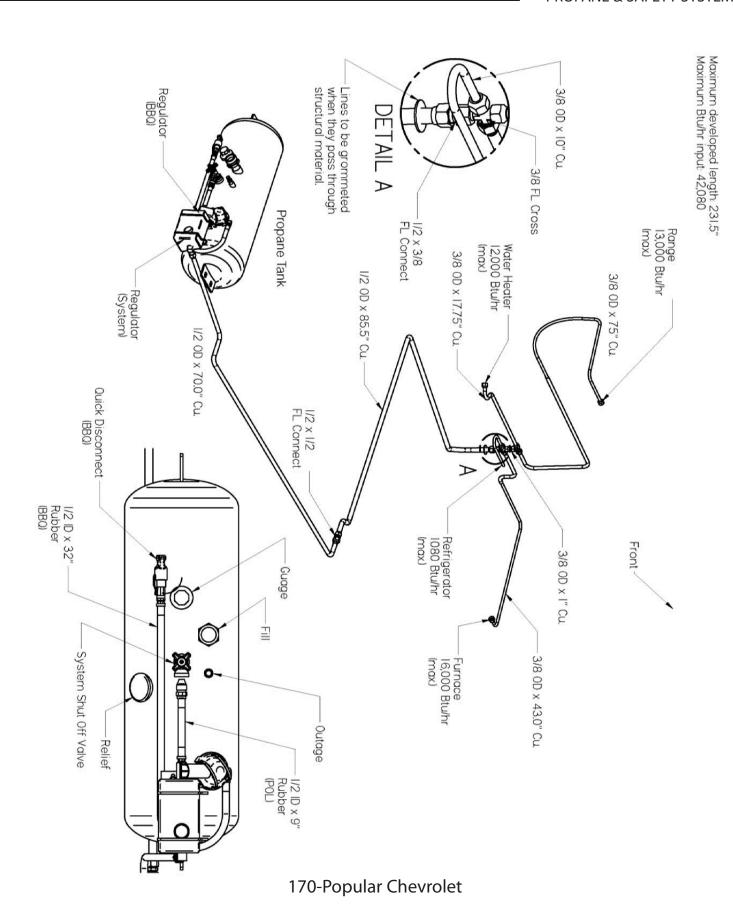
Be sure the smoke detector is operating while using your vehicle.

Do not block air circulation in the area where the smoke detector is located.

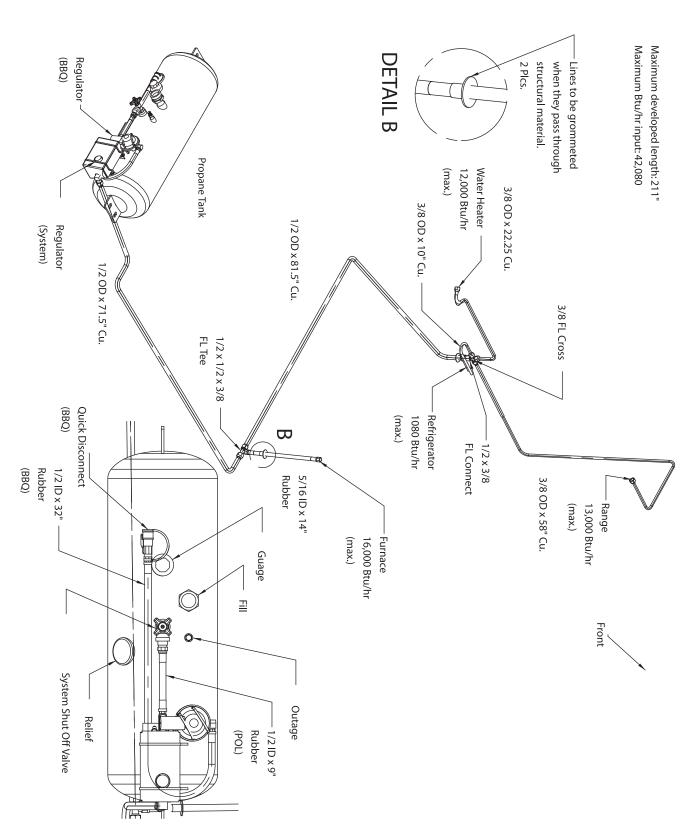
See Manufacturer's Owner's Manual for operating instructions.

NOTE: Cleaning products may contaminate safety detectors. Detectors should be covered when using cleaning chemicals on the vehicles interior.



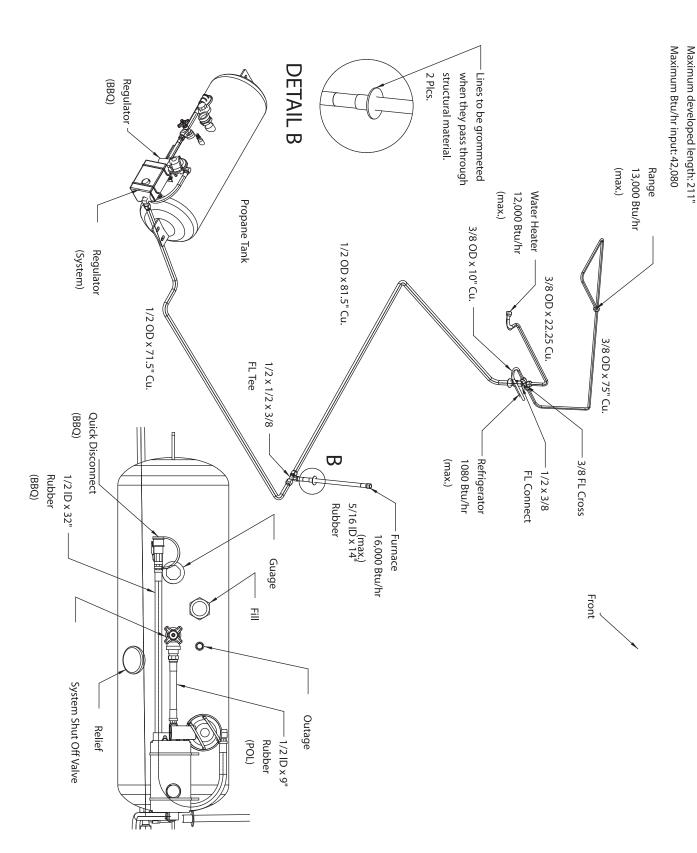






190-Popular Chevrolet





190-Versatile Chevrolet



190 models are equipped with dual fresh water tanks. One tank is located in the vehicles interior, the other tank is located on the vehicles exterior. 170 models are equipped with an exterior fresh water tank only.

The purpose of the dual tank system is to provide a separate fresh water system that can be used in sub moderate freezing conditions.

The system can only function properly in either one of two modes. Summer use or winter use. All procedures to change operation modes must be followed for proper operation.

Your vehicle is equipped with a water system for either completely self contained or fully dependent use. It is not equipped with a pressure regulator to compensate for varying water pressure levels.

During self contained use, caution should be taken so as to minimize water consumption. For example, water consumption can be reduced while showering if you turn off the shower between wetting down and rinsing off.

To avoid damage due to road vibrations, be sure not to store heavy or sharp objects where they may come into contact with either the water lines or water pump. Also, allow sufficient room around the pump for proper operation.

### FILLING THE INTERIOR FRESH WATER TANK, (190 Models only):

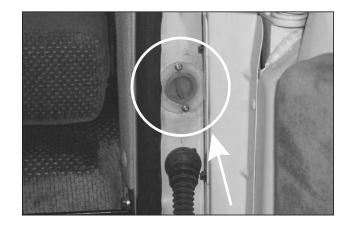
The interior fresh water tank can be filled through the gravity fill located on the passenger side of the rear door opening, (see Picture G-P1).

To fill the interior tank:

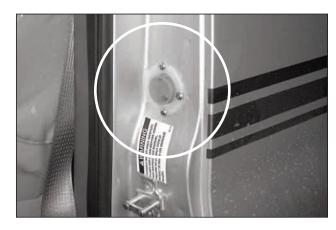
- 1. Open the rear passenger door.
- 2. Open the gravity fill cover by removing the orange plug, (see Picture G-P1).
- 3. Insert the hose and fill the tank using moderate pressure, (excessive pressure will result in a back flow of water).
- 4. When the tank is full, water will overflow back through the gravity fill hole.
- Overfilled tanks will spill out through tank vents.
   This is evident by water dripping from the rear passenger side corner of van.

### FILLING THE EXTERIOR FRESH WATER TANK, (All Models):

- 1. Open the front driver side door.
- 2. Open the gravity fill cover by removing the orange plug, (see Picture G-P2).
- 3. Insert the hose and fill the tank using moderate pressure, (excessive pressure will result in a back flow of water).
- 4. When the tank is full, water will overflow back through the gravity fill hole.
- 5. Overfilled tanks will spill out through tank vents. This is evident by water dripping from the underside of the van.



**Picture G-P1 :** The gravity fill, (rear door post, 190 models only).



**Picture G-P2 :** The gravity fill, (front driver door post, on all models).



The fresh water tanks can also be filled through the city tank fill valve located behind the small lockable driver side rear access door, for location, see the Daily Living section. The use of the city fill is not possible when in the winter operation mode.

### To fill the tank:

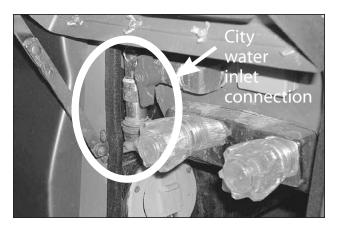
- Prior to using the city fill ensure water system is in summer operation mode, (see mode switching).
   Connect a hose to the city water connection, (see Picture G-P3).
- 2. To fill the fresh water tanks, open the city tank fill valve, (see Picture G-P4).
- 3. Open the water source moderately.
- 4. When the tank is full, water will overflow in the same manner as when using the gravity fill, (see previous page).
- Close the city tank fill valve, (see Picture G-P5).

### CITY WATER CONNECTION:

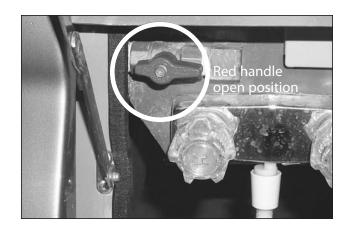
NOTE: City water connection can only be used in summer operation mode. This supplies the 190 models with dual fresh water tank system.

The city water inlet connection is located in the small compartment behind the large lockable driver side storage compartment, (see Picture G-P3). To connect the water system to an outside source:

- 1. Ensure that the water pump is turned off.
- 2. Close the city tank fill valve by turning the handle to the vertical position, (see Picture G-P5).
- 3. Be sure that all interior faucets are closed to prevent spillage.
- 4. Open the city water source slowly to prevent excessive water force inside your vehicle. To protect your system from excessive pressure from water supply systems encountered in some areas, a water pressure regulator should be used. Such a regulator is not supplied with your vehicle.
- 5. 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.



Picture G-P3: Location of the city water connection.



**Picture G-P4:** Open position of the city tank fill valve.



**Picture G-P5:** Closed position of the city tank fill valve.



To disconnect the city water connection:

- 1. Turn off the external water source.
- 2. Open the sink faucet to relieve the pressure in the system, (failure to do so may result in an unexpected shower).
- 3. Ensure that the city tank fill valve is closed, (see Picture G-P5).
- 4. Remove the hose from the city water connection, replace the cap on fill connection.

### WASTE WATER STORAGE AND DUMPING SYSTEM:

Your vehicle is equipped with a waste water storage and macerator pump dumping system that will provide adequate and effective storage and dumping of waste water. Your vehicle should be as level as possible to allow optimal operation of the system.

CAUTION: Ensure that both the black and grey water gate valves are closed, (inward position) before using the waste water system. This applies especially after extensive driving. Black and grey water dump valves are accessed through the small access door located just to the rear of the driver side door.

CAUTION: It is advised to use only 1-ply or RV-type toilet tissue. Heavier tissue and personal wipes can clog or damage the macerator pump.

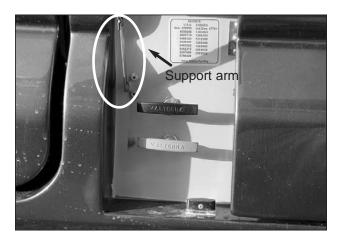
Support the door in the open position by using the support arm, (see Picture G-P7).

Picture G-P6: Driver side storage door.

### Waste Water Tank Preparation:

Your vehicle is equipped with two waste water tanks, the grey waste water tank is for waste water from the sink and aisle shower and the black waste water tank is for sewage from the toilet. Both tanks are equipped with separate dump valves so that each may be dumped independently. Before use of either waste tank, be sure to read instructions provided by the toilet manufacturer regarding waste water chemicals. We suggest that such chemicals be used every time to minimize build up of solids on water level sensors inside the tanks.

CAUTION: During winter use under moderate subfreezing conditions, (refer to pages G.9-G.14) antifreeze is required in the exterior black and grey waste water tank. Antifreeze should be used at a 50-50 ratio.



**Picture G-P7:** Access to sewer discharge assembly, black and grey gate valve handles.







Picture G-P10: Macerator hose location

### Waste Water Tank Dumping:

To dump the exterior black waste water tank:

- 1. Remove macerator hose from storage location.
- 2. Attach the rubber plug, (stored in the storage compartment behind the large access door), to the end of the macerator sewage hose valve assembly.
- 3. Securely place the rubber plug and assembly in the local waste receptacle.
- 4. Pull the black water gate valve handle, (to open) to dump the tank contents.
- 5. Turn macerator pump on using the macerator on button, located on the drivers seat pedestal to dump waste tank.

To dump the grey waste water tank:

- 1. Follow the same procedure using the grey water gate valve handle located behind the front small access door.
- 2. Be sure to dump the grey waste water tank last, so as to help flush out any solid waste in the sewage hose from the black waste water tank.
- 3. Once the tanks are empty, close the gate valves, remove the fitting, return the assembly to its support structure and ensure that the sewage hose valve is closed and store the sewage hose.
- 4. If desired, flush both waste tanks after dumping.

NOTICE: It is recommended to always dump the black water tank first, then the grey water tank. This will keep the hose and pump cleaner and will prevent any solids from fouling the macerator pump.

NOTICE: The macerator has a manual crank handle to help release blockages (See picture B-P43). Push in on the handle and rotate to engage the slot in the pump shaft, then rotate handle counter-clockwise.

CAUTION: The Macerator pump can be damaged if allowed to operate dry for any length of time. Please ensure that the pump is turned off as soon as the tanks are empty.



### Waste Water Tank Flushing:

To flush the waste water tanks:

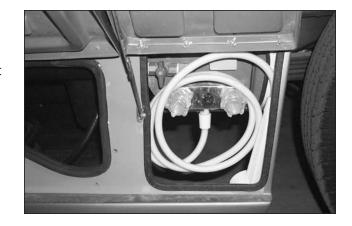
- 1. Ensure that both tanks are empty.
- 2. Fill the black waste water tank by inserting a hose into the toilet, (be sure to step on the flush pedal, so the flapper door stays open to prevent toilet overflow) and fill the grey waste water tank using the sink.
- 3. Dump both tanks using the procedure outlined on Page G-4.

### **OUTSIDE SHOWER:**

NOTE: Outside shower can only be used in summer operation mode. Shut off valves are located in the vehicle's interior.

The outside shower faucet is found in the small compartment to the rear of the large driver side storage compartment, (the shower hose is stored in the large compartment when not in use). Remove the shower hose from the storage compartment and attach to the shower faucet spout, (see Picture G-P11).

**NOTE**: The shower hose must be returned to the large storage compartment before travel, as to prevent damage to the unit.



**Picture G-P11:** Outside shower. Shower hose storage when Motorhome is **parked.** 

### POTABLE WATER SYSTEM DRAINING:

NOTE: Water system must be in summer operation mode.

To completely drain the fresh water system of all water:

- 1. Ensure that the water pump is off and that your vehicle is level.
- 2. Ensure that the tank isolator valve is in the open position, (190 models).
- 3. Drain the fresh water tanks and the hot and cold fresh water system by opening the exterior fresh water drain valve at the low point drain on the exterior fresh water tank, (see Pictures on page G-9).
- 4. Open all water outlets including the sink faucet, aisle shower faucet, external shower faucet, and toilet flushing pedal. The toilet flushing pedal can be propped open or opened manually several times. This procedure allows gravity to draw any remaining water out through the exterior fresh water tank drain.
- 5. Your vehicle is equipped with a water heater, follow the manufacturer's instructions for draining.
- 6. Open the sink faucet and turn on the water pump until water is no longer pumped.
- 7. Turn off the water pump.

If this procedure is followed, it is NOT necessary to blow out the water system. Once the system is drained, be sure to close all faucets before driving.

NOTE: Do not allow water to sit in sewage and fresh water tanks when vehicle is not in use.



### POTABLE WATER SYSTEM SANITIZING:

NOTE: Water system must be in summer operation mode, (190 models).

Your potable water system should be sanitized if it is new, has not been used for a period of time, or may have become contaminated.

### To sanitize your system:

- 1. Prepare a chlorine solution using 4 L, (1 gallon) of water and 60 ml, (1/4 cup) of household bleach, (5% sodium hypo chlorite solution).
- 2. With the fresh water tank empty, (see section on Waste Water Tank Flushing), pour, (see section on Filling Fresh Water Tank), 4 L, (1 gallon) of solution into the tank for each 60 L, (15 gallon) of tank capacity. As an alternative, several commercial solutions are available and should be used as directed on the package.
- 3. Complete filling the fresh water tank(s), (190 models) with potable fresh water.
- 4. Turn on the water pump and slowly open all three faucets and flush the toilet to release trapped air.
- 5. Close all three faucets and allow to stand for 3 hours then drain and flush with fresh potable water.
- 6. To remove excessive chlorine taste or odor which may remain, prepare a solution of 1 L, (1 quart) vinegar to 20 L, (5 gallons) water and pour into tank and allow solution to agitate in tank by vehicle motion, (several days if possible).
- 7. Drain fresh water tank(s) and flush with fresh potable water.

### WATER SYSTEM WINTERIZING:

NOTE: Water system must be in summer operation mode and repeat operations 5 and 6 with water system in winter operation mode, (190 Models).

To winterize your potable water system:

- 1. Drain the entire water system including the water heater (refer to water heater owners manual for instructions on draining), and waste tanks.
- 2. Place water heater bypass in the bypass position to prevent the water heater from filling with antifreeze, (see picture G-P15 on page G-8).
- 3. Add 8 L, (2 gallons for each fresh water tank on 190 models and the exterior fresh water tank for the 170 model) of approved nontoxic recreational vehicle antifreeze to the interior and exterior fresh water tanks using both gravity fills, located at the drivers door post and the passenger side rear door post, (190 models).
- 4. Turn on the water pump.
- 5. Open all three faucets one at a time, (hot and cold) until antifreeze is visible.
- 6. Open the toilet valve until antifreeze is visible.
- 7. Refer above to the water system winterizing NOTE, (190 models).
- 8. Turn off water pump.
- 9. Disconnect and drain the P-traps of the sink and aisle shower. Shower P-trap is located on the vehicle's underside to the rear of the waste water tanks.
- 10. Open the grey water valve and operate the macerator pump for several seconds to allow antifreeze to pass through it. Then close the grey water valve.

To prepare your potable water system for use:

- 1. Drain the antifreeze from the fresh water system.
- 2. Sanitize the fresh water system if desired.
- 3. Fill the system with water.



The valves for the fresh water system must be configured completely in one or the other of the following valve modes (190 models).

### WINTER MODE VALVE POSITIONS, (190 Models only):

- 1. Close outside shower faucet, (Hot and cold isolator) mini valves (see Picture G-P20).
- 2. Tank isolator valve in closed position (Picture G-P24)
- 2. Tank selector valve must be closed, interior tank position, (see picture G-P13), exterior tank position, (see Picture G-P12).

### SUMMER MODE VALVE POSITIONS:

- 1. Open outside Shower Faucet (Hot and cold isolator) mini valves. (see Picture G-P19).
- 2. Tank Isolator valve should be in open position. (Picture G-P22)
- 3. Tank selector valve should be in Exterior Tank position. (Picture G-P12)

### WINTER USE: (Moderate Subfreezing Conditions, -10°C (14°F), (190 Models only)

The dual fresh water tank system, allows you to use the fresh water system under moderate subfreezing conditions by allowing you to isolate and drain the exterior fresh water tank and the exterior shower faucets.

To prepare your motorhomes fresh water system for winter use you must do the following:

Ensure you first turn off the water pump, (switch is found on the monitor panel) before isolating and draining the exterior fresh water tank system.

Switch tank selector valve to winter position, (see Picture G-P13).

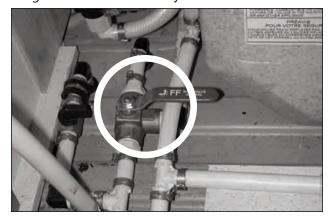
- In winter mode Use gravity fill only.
  - No outdoor shower.
  - Waste water tanks are unprotected from freezing unless charged with antifreeze.
  - Interior temp must be maintained above 65°F, (18°C).
  - Fridge and furnace must be turned ON.
  - Exterior fresh tank must be drained.
  - Exterior shower and city fill must be drained.

NOTE: Many Roadtrek users will not be in winter climates. Winterizing would be unnecessary in these cases.



Picture G-P12: Selector valve set to exterior fresh water tank, (summer mode 190 models). NOTE: Water flow is opposite to markings on handle.

Doc No: 21906503 Rev: 05



Picture G-P13: Selector valve set to interior fresh water tank, (winter mode 190 models). NOTE: Water flow is opposite to markings on handle.



Your Roadtrek is equipped with water heater by-pass valves. In normal mode, all three valves will face the aisle, (see Picture B-P14). In winter mode, the center water line valve is open and the valves attached to the water heater are closed, (see Picture B-P15).

To isolate and drain the outside shower when using the fresh water system in moderate subfreezing conditions the shower cutoff valves must be closed.

To close the shower cutoff valves:

- 1. Remove cushions from driver side rear bed, (190-Popular model).
- 2. Open water heater top access cover, (190-Popular model), (see Picture G-P17).
- 3. Open rear galley cabinet door
- 4. Locate the hot and cold water isolator valves, (see Picture G-P18 for190-Popular models), (see picture G-P18A for 170 and 190-Versatile models).
- 5. To isolate the exterior shower faucets, the isolator valves must be turned 90°, (across the water line), (refer to Pictures G-P18, G-P18A, G-P19 and G-P20 for the open and the closed positions of the isolation valves).
- 6. Open the exterior shower faucet in order to drain the exterior water lines, (close the exterior shower faucet after draining exterior tank).
- 7. For summer use of the fresh water tanks repeat the steps in reverse.



**Picture G-P14:** Normal mode water heater bypass valve positions.



**Picture G-P15:** Winterized water heater by pass valve positions.

NOTE: When the water system is operating in the winter mode, only the interior fresh water tank is to be used.

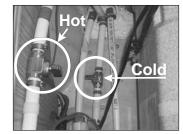
NOTE: By using RV antifreeze in the black and grey waste water tanks, the waste water system can be used in moderate subfreezing conditions.



Picture G-P16: Location of the access door for the fresh water selection tank valve, (190 model).



Picture G-P17: Water heater access door.



Picture G-P18: Hot and cold water isolator valves (190-Popular model), (190-Popular model), in the closed or winter position.



Picture G-P18A: Hot and cold water bypass valves, (170 and 190-Versatile models).

PLEASE NOTE: On Versatile models the water heater and tank selector valves are located in the lower galley cupboard.



**Picture G-P19:** Hot water isolator valve in the open position.



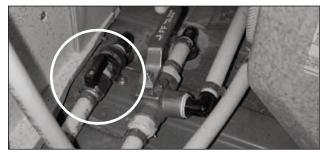
**Picture G-P20:** Hot water isolator valve in closed position.

To drain the exterior fresh water tank you must open the exterior drain valve at the low point drain located below the drivers side front door running board, (for 190 models see Picture G-P21, for 170 model location is the same).

Ensure that the exterior shower faucet valves are open and that the city water inlet valve has been emptied of water. After the exterior fresh water tank is drained, close the exterior shower faucet valves and exterior fresh water tank valve.



**Picture G-P21:** Location of the exterior freshwater tank drain, (170 and 190 models).



**Picture G-P22:** Interior tank transfer valve in open position, (190 models).



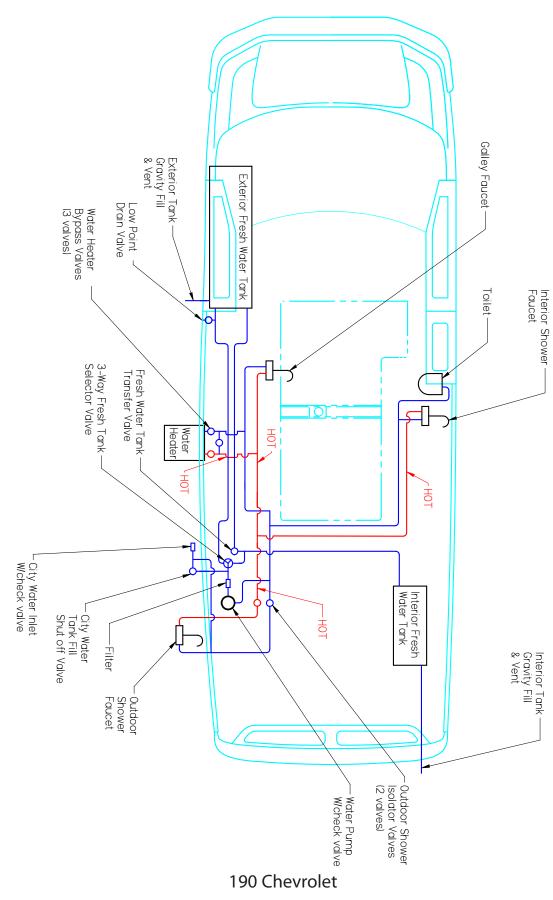
**Picture G-P24:** Interior tank transfer valve in closed position, (190 models).

### TO DE-WINTERIZE:

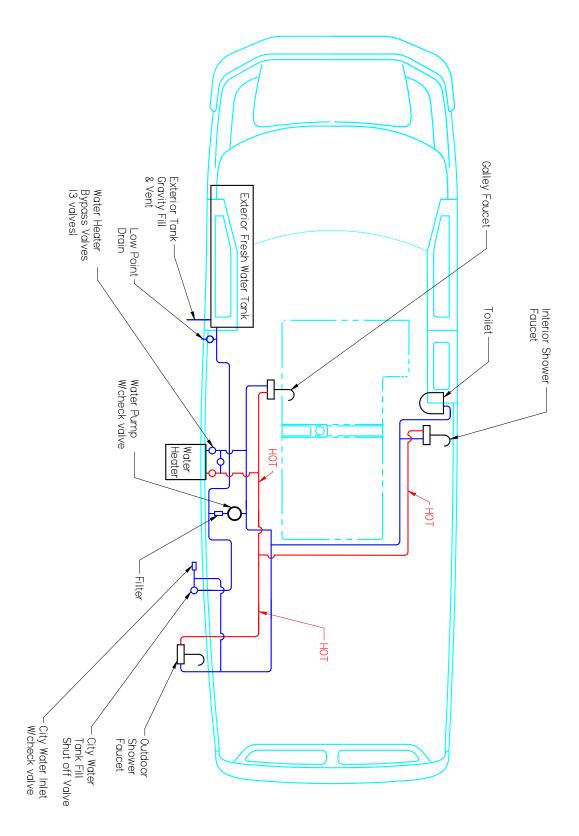
Repeat the above steps in reverse order.

Although the waste and fresh water systems have been designed for use in moderate subfreezing conditions, (190 models). Roadtrek Motorhomes makes no warranty what so ever for damage to the water systems as a result of freezing. To prevent interior water lines from freezing, it is recommended that the interior temperature be maintained at  $+65^{\circ}$ F, ( $18^{\circ}$ C).

# Chevrolet 190 Popular & Versatile

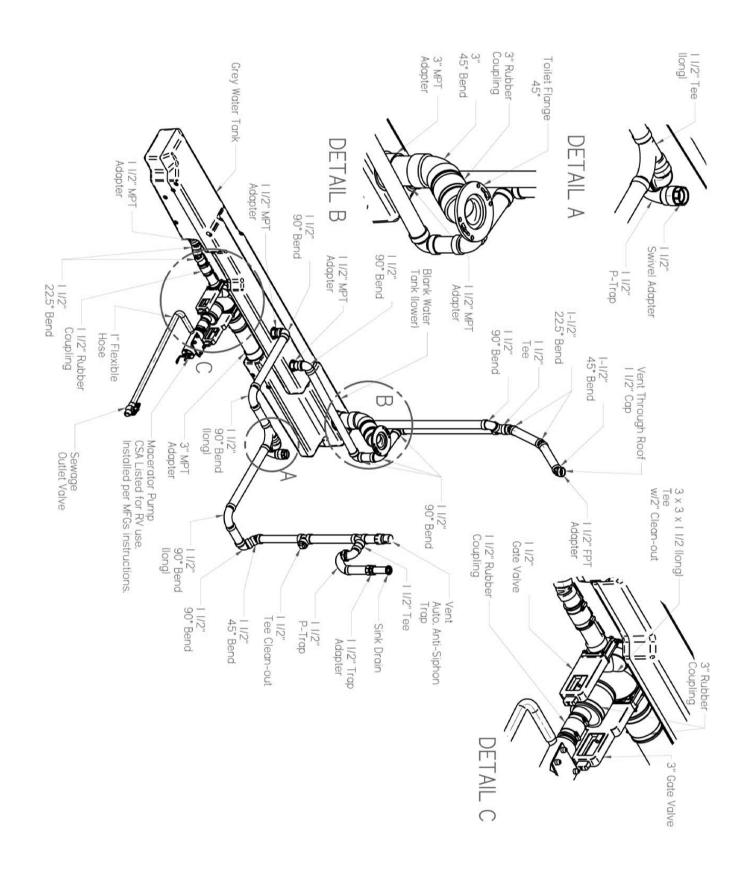


## Chevrolet 170 Popular



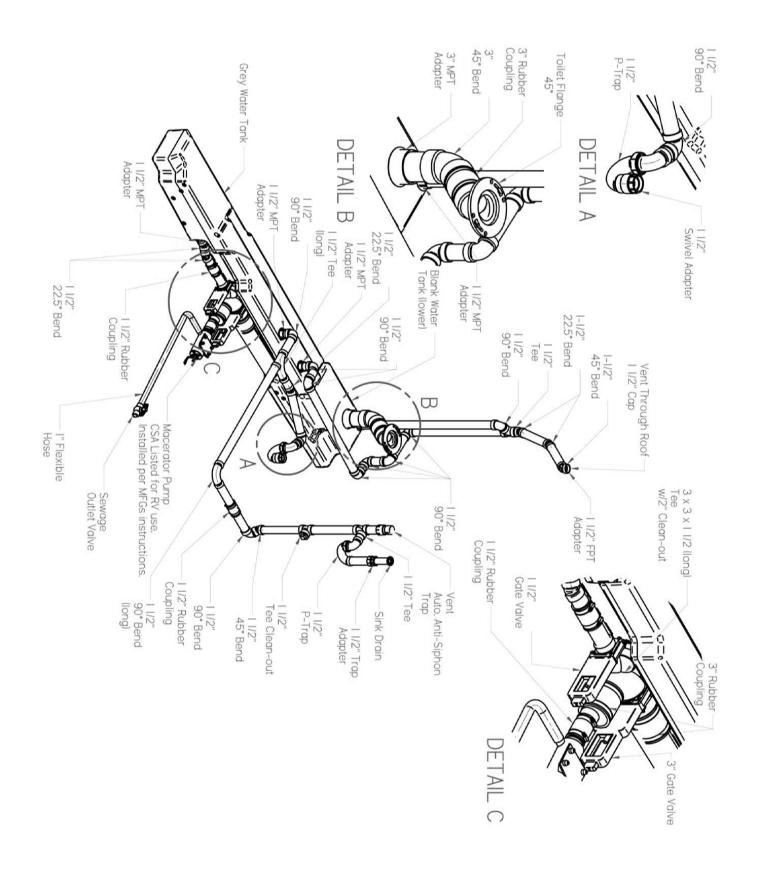
170-Popular Chevrolet





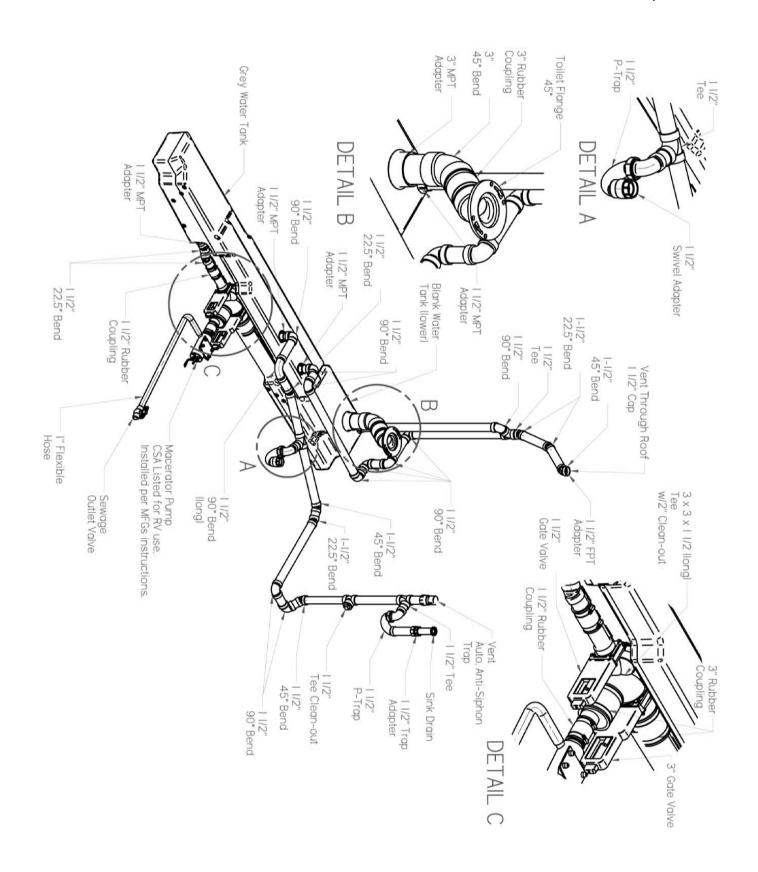
170-Popular Chevrolet





190-Popular Chevrolet





190-Versatile Chevrolet



# **EXTERIOR MAINTENANCE:**

To maintain the original appearance and finish, your vehicle's exterior body and roof must be waxed at least annually. Refer to the OEM manual for paint finish maintenance.

# **EXTERIOR WASHING:**

To prevent water from entering your vehicle, do not spray water directly into exterior vents or grills. Use care and caution when using a power washer to prevent water leaks. Do not point power washer directly towards any door openings, body seams, vent or automotive striping.

# **OTHER MAINTENANCE:**

For necessary maintenance of other components and appliances, see their respective manufacturer's owner's manuals for instructions.

#### **WINTER STORAGE:**

#### **INSIDE YOUR VEHICLE:**

### Before winter storage:

- 1. Be sure to clean your vehicle thoroughly. Special emphasis should be given to the appliances, such as the refrigerator.
- 2. Once cleaned, leave the refrigerator door propped open with the cutting board in the freezer compartment to prevent the development of odors, (insert a box of baking soda if desired).
- 3. Open a window slightly allowing sufficient air circulation to avoid the development of odors, condensation and mildew.
- 4. To prevent sun rays from deteriorating and fading interior fabrics, cover all upholstered seats and cushions. As a further precaution, close all drapes tightly.
- 5. Disconnect the auxiliary battery using the disconnect switch located in the monitor panel.

#### **OUTSIDE YOUR VEHICLE:**

# Before winter storage:

- Ensure that all waste water tanks have been dumped and flushed, and that the entire potable water system has been properly drained, (refer to sections on Potable Water System Draining and Potable Water System Winterizing).
- 2. Be sure to cover the external vents to the refrigerator, exhaust fan, furnace and air conditioner, (if equipped) with heavy plastic sheeting to prevent the entry by birds, rodents and insects.
- 3. To improve tire life and maintain performance, put your vehicle up on blocks. Also, cover all tires exposed to sun light to prevent deterioration from ultraviolet rays.
- 4. Consult your automotive owner's manual or local automotive dealer regarding the steps necessary to prevent engine and chassis damage during long periods of storage in your particular region.



# SPRING START UP:

After storage, reactivate your vehicle for use by reversing all the procedures that you performed to prepare it for winter storage. In addition, propane system's connections and fittings should be checked for possible leaks and all other systems and appliances should be operated to ensure satisfactory performance.

#### TIRES:

See the automotive chassis manufacturer's owner's manual and documents for tire warranty and recommended inflation pressures. (Cold inflation pressures can be found on the vehicle's weight rating label on the driver door or door post). Please follow the chassis manufacturer's recommendations for tire rotation.

# CARGO CARRYING CAPACITY:

See the information labels attached to the driver door post, and the insert at the front of this manual.

#### **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:

Extinguish all pilot lights.

Check engine oil level.

Look for low or underinflated tires.

#### AT LEAST MONTHLY:

Check coolant level in the coolant recovery reservoir, (automotive).

Check operation of all exterior lamps, including brake lamps, turn signals and hazard warning flashers.

Check tire pressure.

Run generator for 20 minutes to one hour under load to prevent carburetor damage.

# AT LEAST ONCE EVERY THREE MONTHS:

Flush black water holding tank.

Flush grey water holding tank.

Flush and sanitize fresh water tank.



# AT LEAST TWICE A YEAR:

Check power steering fluid level.

Check windshield washer level and wiper operation. Clean wiper blades with clean cloth dampened with washer fluid.

Check radiator, heater and air-conditioning hose for leaks and/or damage.

Check for worn tires and loose wheel lug nuts.

Check parking brake system.

Check head lamp alignment.

Check lap and shoulder belts for wear and function.

Check air pressure in spare tire.

Inspect appliance vents to ensure they are free from dirt, insects, spider webs and/or nests.

Inspect black and grey water tank vents.

Clean air conditioner filter.

# AT LEAST ONCE A YEAR:

Lubricate all door hinges, locks and latches.

Clean battery terminals, (automotive and coach).

Have propane test completed by certified gas technician.

Have appliances tested and cleaned.

Wax & polish and protect exterior surfaces.

#### **AUXILIARY BATTERY:**

Your vehicle is equipped with group 27 lead acid auxiliary batteries. It is recommended that acid levels be checked at least once every 3 months, every 1 month under heavy usage.

See battery manufacturers maintenance recommendations.

In order to maintain the function of the slide out battery tray you must lubricate the slides and compartment bottom. Use of a general automotive grease is recommended. It is recommended that this be done every 3 months when you are checking the acid levels.

The above maintenance schedule is a recommendation only. Please refer to your Chevrolet Manual for details on the Chevrolet required maintenance schedule.

Efficient economical vehicle performance will be enhanced by utilizing this recommended maintenance. It is strongly recommended that no repairs be made with out appropriate training, tools and safety equipment. This could cause bodily injury, damage to the vehicle or cause the vehicle to operate improperly.

Roadtrek shall not be held liable or assume any obligations or responsibilities whatsoever for any loss, damage or injury directly or indirectly caused by, arising or resulting from, or as a consequence of the use or nonuse of the information contained herein or the operation or non-operation of any items mentioned herein. And, finally, Roadtrek shall be indemnified and saved from all losses, expenses, claims and demands whatsoever.



# **ALUMINUM WHEEL MAINTENANCE:**

Never clean your wheels when they are hot! either from free standing in the sun, or from normal road use.

Always clean your wheels when they are cool to the touch of your hand. If you spray any type of cleaning agent, corrosive or not, they will stain a polished and chrome wheel and even some clear coated wheels. Period. No matter how expensive they are!

Clean your wheels either early in summer mornings or dusk on summer evenings, a good practice is not to clean them in direct sunlight. We are experiencing different UV and ambient temps, from a result of a changing ozone.

Clean rims using mild soap and water, some strong cleaning agents will spot polished wheels every time.

Avoid car washes if possible when your wheels are hot, this could stain the wheel.

In time, due to brake dust and regional temps in North America, the wheels will fade from their luster, so from time to time, use a premium wheel cleaner/polish to keep the natural polished finish look.

Never use steel wool or coarse abrasive pads to clean ANY wheel, it will cause permanent damage, and will not be warranted by the wheel manufacturer.

It is recommended to place Vaseline, or some type of oil based cooking grease and coat the wheels during the harsh winter and touch them up from time to time or have a set of winter wheels and tires!



# LIMITED WARRANTY DEFINITIONS

Roadtrek Motorhomes Inc., (A Division of Roadtrek Motorhomes Inc.).

Dealer Dealer or any wholesale buyer of recreational vehicles, authorized by Roadtrek.

Vehicle Any recreational vehicle manufactured by Roadtrek Motorhomes Inc.

Purchaser Registered owner of the Vehicle and/or purchaser of the Vehicle.

Warranty Card Roadtrek Limited Warranty Registration Card specifying Purchaser of Vehicle.

All Roadtrek's are covered by a three part limited warranty: Automotive Warranty, Appliance Warranty, and Roadtrek Limited Motorhome Warranty.

# Roadtrek LIMITED WARRANTY REGISTRATION CARD

It is very important that the Dealer complete the Roadtrek Limited Warranty Registration, (at the bottom of the "QualityCare" Pre-Delivery Report) on each Vehicle and fax it to Roadtrek within 48 hours from the date of retail delivery. Roadtrek uses the information on the Limited Warranty Registration to:

- 1. Notify General Motors to start the automotive, (chassis) warranty in the Purchaser's name as of the date of retail delivery.
- 2. Maintain records for the Roadtrek Limited Motorhome Warranty and for any recall notifications.

If Roadtrek does not receive this information, when the Purchaser tries to have automotive warranty work done, the Purchaser, the Dealer and Roadtrek will be severely inconvenienced until this information is received and processed by General Motors.

# AUTOMOTIVE WARRANTY - GENERAL MOTORS, (CHEVROLET CHASSIS)

The warranty currently offered by General Motors covers the manufacture of the Chevrolet chassis. See the General Motors Warranty Information booklet for details.

For Chevrolet chassis sold through RV dealers, Roadtrek uses the information on the completed Warranty Card to notify General Motors to restart the automotive, (chassis) warranty in the Purchaser's name as of the date of retail delivery. Upon receipt of the Warranty Card, Roadtrek completes and mails the appropriate forms to General Motors, who in turn will enter this information into their computer systems. This process can take up to 6 weeks from when the Dealer mails the Warranty Card to Home and Park Motor Homes. If warranty work is required before this process is completed and the Vehicle's V.I.N., (vehicle identification number) appears on the computer, the Purchaser should ask the Chevrolet dealer to enter the Purchaser's name and address and date of retail delivery into the computer. To prove the vehicle is still under warranty, the Purchaser should show a copy of the bill of sale to the Chevrolet dealer.

If Roadtrek does not receive the completed Warranty Card, when the Purchaser tries to have automotive warranty work done, the Purchaser, the Dealer and Roadtrek will be inconvenienced until this information is received and processed by General Motors.



# AUTOMOTIVE WARRANTY - GENERAL MOTORS, (CHEVROLET CHASSIS)

For Chevrolet chassis sold through Chevrolet dealers, the Dealer will enter the appropriate information directly into General Motors' computer system to restart the automotive, (chassis) warranty in the Purchaser's name as of the date of retail delivery.

All automotive service, maintenance and repairs are to be performed by any Chevrolet dealer. See the General Motors Warranty Information booklet for details. Such items are not warranted by Roadtrek. Roadtrek will pay for the removal and reinstallation of motorhome components necessary to perform automotive recalls and warranty for 36 months or 36,000 miles, (in US) or 60,000 Km, (in Canada), which ever occurs first, from date of purchase by the first Purchaser. After this period such costs are considered to be inherent in the ownership of such a vehicle. Roadtrek will not pay for the removal and reinstallation of motorhome components necessary to perform automotive service or maintenance. Such costs are considered to be inherent in the ownership of such a vehicle.

LIMITED WARRANTY INFORMATION	<u> </u>	
The following information must be p	provided when contacting the factory for warranty:	
Selling Roadtrek Dealer:		
Address:	Phone: ()	
City, State/Prov:	Zip/Postal Code:	
V.I.N., (last 8 digits): Sales	order #,(Located On The Driver Door Post Label):	
Date Of Delivery To Owner, (Retail Po	urchaser):	-
Automotive Customer Service & Ro	padside Assistance Numbers	
Chevrolet, (US) customer service	800-222-1020	
Chevrolet, (US) roadside assistance	800-CHEV-USA, (243-8872)	
GM Canada customer service	800-263-3777	
GM Canada roadside assistance	800-268-6800	
Appliance Warranty		

# Appliance Warranty

The following are not warranted by Roadtrek, but are covered by individual warranties offered by their respective manufacturers to which terms both Purchaser and Dealer must comply: air conditioner / heat pump, electrical inverter/charger, furnace, generator, microwave oven, range hood exhaust fan, refrigerator, stove, toilet, water pump, water heater, and macerator. Roadtrek makes no warranty whatsoever, regarding these items and/or such like components manufactured by others. However, Roadtrek will pay for the removal and reinstallation of such components that it determines at its sole discretion are installed by Roadtrek in a manner unusual to the industry. Purchaser and/or Dealer are required to deal directly with the nearest service center for such manufactured components and abide by the warranty policy as allowed by such component manufacturers. The name, location and phone number of some such component manufacturer's are listed in the front of this manual.



# WARRANTY:

Roadtrek warrants to the Purchaser that the Vehicle is free from defects in material and workmanship on the portion manufactured by Roadtrek, under normal use and service, for four, (4) years or 48,000 miles whichever occurs first, from date of purchase by the first Purchaser or the date the Vehicle was first put into service, (for example, as a demo or rental), whichever is earlier.

This warranty shall be fulfilled at a Roadtrek Dealer or authorized Roadtrek repair facility. For in transit emergency repairs, you may choose to deal with a non-authorized RV service facility. However all warranty repairs at non-authorized RV service facilities must be preauthorized by Roadtrek. Roadtrek will, at its option, replace or repair free of charge, (including related labor) any defective part, about which the Purchaser shall notify their Roadtrek Dealer within the warranty period. The obligation of Roadtrek under this warranty, is expressly limited to such replacement or repair.

The provisions of this limited warranty shall not apply to the following:

- 1. Accident.
- 2. Unauthorized repairs or alterations.
- 3. Normal maintenance.
- 4. Changes made to other units manufactured after this Vehicle was manufactured.
- Incidental damages connected with the failure of the Vehicle such as lost time, inconvenience, loss of use of the Vehicle, cost of rental cars, gasoline, telephone, travel or lodging.
- Damages caused by environmental factors including, but not limited to, hailstorms, tornadoes, sandstorms, lightning, floods, earthquakes, airborne fallout, chemicals, tree sap, ocean spray, road hazards.
- 7. Vehicle that has been declared a total loss by an insurance company, (demolished) or a Vehicle whose title indicates that it is designated as "salvage", "junk", or "rebuilt" or words of similar impact.
- 8. Exterior side storage compartments may not be moisture free. It is advised that you store items accordingly. Roadtrek is not responsible for goods damaged while stored in exterior storage compartments.
- 9. There will be no allowance for emergency road repair, towing, labor, meals accommodations, etc. Such will not be accepted if claimed under warranty.
- 10. After the "QualityCare" Pre-Delivery Report is completed by the dealer, appliance adjustments, door latch adjustments, light bulbs, fuses, battery in the smoke detector and window screens are warranted for 90 days.
- 11. Aluminum wheels are not warranted against corrosion that is a result of road salt, sea salt, cleaning chemicals or harsh driving conditions.



#### Roadtrek LIMITED MOTORHOME WARRANTY:

The provisions of this limited warranty shall not apply to deterioration due to wear and exposure beyond the following limitations:

- 1. For ninety (90) days from date of purchase by the first Purchaser for appliance adjustments, door latch adjustments, light bulbs, fuses battery in smoke detector and window screens.
- 2. For one, (1) year or 12,000 miles, (in US) or 20,000 Km, (in Canada), which ever occurs first, from date of purchase by the first Purchaser for sewage hose, curtain fabric, seating fabric, carpet, cup holders, exterior stripes and decals, running board trim, and black and grey water tank valves.
- 3. For two, (2) years or 24,000 miles, (in US) or 40,000 Km, (in Canada), which ever occurs first, from the date of purchase by the first Purchaser for leather seats.
- 4. For three, (3) years or 36,000 miles, (in US) or 60,000 Km, (in Canada), which ever occurs first, from date of purchase by the first Purchaser for exterior painted surfaces.

Roadtrek Limited Motorhome Warranty is void unless the following conditions are adhered to:

- 1. Warranty Card on Vehicle must be completed by the Dealer and faxed to Roadtrek within 48 hours of date of retail delivery. When warranty applications are made and Warranty Card is not on file at Roadtrek, reimbursement of claim will be delayed until proof of original purchase is submitted to Roadtrek.
- 2. All warranty claims must be submitted on a Roadtrek Motorhomes Warranty Claim form and properly completed including Vehicle Identification Number, (V.I.N.), odometer reading and Roadtrek Limited Motorhome Warranty start date, (date of retail delivery).
- 3. **Warranty work that will exceed \$200 must first be authorized by Roadtrek** before proceeding with such work. The authorization number issued by Roadtrek must be noted on the warranty claim.
- 4. Roadtrek Motorhomes reserves the right to inspect defective parts that have been replaced under warranty. Dealer is expected to hold selected parts for a period of time, not to exceed 60 days.
- 5. Only parts and accessories and other material, available through Roadtrek are to be used in the performance of warranty service.
- 6. Warranty repairs performed a second time by a Dealer, (due to incorrect or inadequate diagnosis, improper assembly or repair, or lack of proper testing when the original warranty repair was performed) are considered as shop comebacks and are not reimbursable. Costs of such repairs must be adsorbed by the Dealer.
- 7. All claims must be submitted within 30 days of the date of repair.
- 8. Purchasers are responsible for presenting their vehicle to a Roadtrek Dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time from date of authorization.

This limited warranty is expressly in lieu of any other expressed or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose and of any other obligations or liabilities on Roadtrek which neither assumes nor authorizes any other person to assume for it any other liability in connection with Vehicle manufactured by it.



# REPORTING SAFETY DEFECTS, (U.S. ONLY)

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 Motor Homes.

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 Motor Homes.

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 Hotline.

# ROADTREK AMBASSADOR POTENTIAL CUSTOMER REFERRAL PROGRAM FOR ROADTREK OWNERS:

Most Roadtrek owners spend a lot of their valuable time giving tours of their Roadtreks to numerous inquisitive people. Many of these potential customers become Roadtrek owners. To reward their efforts and encourage more "tours" by these very convincing "sales people", we will pay a \$100.00 commission and provide incentive rewards to any Roadtrek owner who refers a potential customer to us who eventually purchases a new Roadtrek

To participate in this program, the Roadtrek owner must sign up for the Roadtrek Ambassador program by visiting www.roadtrek.com/ambassador or calling 1-888-ROADTREK, (762-3873). For every potential customer that you show your Roadtrek, complete a "Potential Customer Referral Card". You will receive \$100.00 for each referral that purchases a new Roadtrek. In addition, we have these complimentary gifts:

- 1. For your 1st purchasing customer we will send you Two Roadtrek Ambassador Golf Shirts.
- 2. For your 2nd purchasing customer we will send you Two Roadtrek Ambassador Windbreakers.
- 3. For your 5th purchasing customer we will send you Two Roadtrek Ambassador Leather & Melton jackets.
- 4. For your 10th purchasing customer we will provide an all expense paid trip to the Roadtrek factory.

If these incentives weren't enough, all Roadtrek Ambassadors referring more than 2 purchasing customers in a given year will be eligible for a draw to win the use of a new Roadtrek for a full year, (mileage restrictions will apply).

This program is subject to the following conditions:

- 1. Roadtrek receives a "Potential Customer Referral Card", (supplies available upon request) completed and mailed by the potential customer and/or Roadtrek owner.
- 2. The potential customer purchases a new Roadtrek within 3 years from the date the "Potential Customer Referral Card" is received by Roadtrek.
- 3. The potential customer purchases a new Roadtrek and has the dealer complete the "Roadtrek Warranty Registration" in the same name and address that was inserted on the "Potential Customer Referral Card".
- 4. If more than one Roadtrek owner refers the same potential customer, the \$100.00 commission will be split equally among all of the referring Roadtrek owners.

Roadtrek Motorhomes reserves the right to cancel this program based upon 90 days notice to Roadtrek owners.



# ROADTREK CLUB INTERNATIONAL

As a new Roadtrek owner, you are cordially invited to join our family of Roadtrek owners as members of the "Roadtrek Club International". An owners' club offers its members an opportunity to meet other people with common interests, attend enjoyable gatherings, (such as group outings, sight seeing, camping, suppers, factory tours, and more!), share travel experiences, keep current on the latest information and products from the factory, and exchange ideas for improvements or solutions to problems. Annual membership dues are only US\$10. Their common bond is the that they are all Roadtrek owners. As a group, they promote fellowship and enrich their way of life.

Roadtrek Club International is an active Chapter of the Family Motor Coach Association. FMCA, the foremost organization in the world composed exclusively for motorhome owners, was founded in 1963 for the express purpose of promoting fellowship and the use of motor coaching for pleasure. Many of its 130,000 members meet and form fast friendships with fellow motorhomers and join together in Association sponsored activities that are interesting and fun.

FMCA offers benefits and services specially designed to meet the needs of motorhome owners that you can't get anywhere else. Although space does not permit listing everything available, member benefits include: free monthly subscription to the full color Family Motor Coaching magazine, minimum cost motorhome insurance, accidental death coverage, emergency road service, trip routing service, toll free 800 number message service, mail forwarding, identification emblems for your motorhome, free membership directory, anti-theft program, discount programs, national and regional conventions, caravans and tours, and year-round activities in nearly 300 chapters of FMCA for fun, fellowship and entertainment... plus much more. FMCA dues are \$35 per year plus a one time \$10 initiation fee in the first year.

Just complete the applications on the next page and mail them with your checks to the addresses shown. You'll be glad you did!

# ADDRESS, PHONE & FACSIMILE NUMBERS, AND E-MAIL

Address all inquiries to: Roadtrek Motorhomes Inc.

Warranty & Service Department

100 Shirley Avenue

Kitchener, Ontario, Canada, N2B 2E1

Telephone: toll free 888-ROADTREK, (762-3873) or 519-745-1169

Facsimile: 519-745-1160 E-mail: service@roadtrek.com

All inquiries must include: Owner's name, address, home and work phone numbers

Selling Roadtrek dealer's name and contact

Servicing Chevrolet dealer's name, contact and phone number,

(if applicable)

Last 8 digits of Vehicle Identification Number, (V.I.N.)

Vehicle mileage Date of Retail Delivery

# ROADTREK INTERNATIONAL CHAPTER FMCA A ROADTREK OWNERS' CLUB

Please Print	<b>MEMBERSH</b>	IIP APPLICATIO	N Da	ate
Last Name	First Name _		Spouse	
Address	City	·	Prov/State	
Country				
FMCA#If y please complete the FMCA Mem INTERNATIONAL CHAPTER APPLICATION SEPARATE ENVELOPES today. FMC/	nbership Application	on Form below. We on FMCA MEMBER. M	CANNOT PROCE Mail both form	ess your Roadtrek as and checks in
I/We would be interested in help	ing run the Chapte	er	Yes	No
I/We would be interested in serv	ing as an elected	officer.	Yes	No
Mail application and fee to: Be 231 W. Washington	or money order packy Hartley, Chap St. Nelsonville, C	ayable to " <b>Roadtrek</b> ter Treasurer, Emai H 45764-1138 Tele	k Internation il: johnbeckyh phone: (740)	<b>al"</b> . nartley@sbcglobal.net ) 753-1066
	[ Cut and mail ir	separate envelope	s ]	
FAI Please Print		COACH ASSOCI		ate
Last Name	First Name _		Spouse	
Address	City		Prov/State	
Country	Postal/ZIP C	ode	Phone: (	)
E-mail Address	Coach Manu	facturer: Roadtrek N	Motorhomes	
Model: Roadtrek Year:	Length:	License P	late Number:	:
I have applied for membership in	the Roadtrek Inte	rnational Chapter of	the Family M	lotor Coach Association.
( ) If you are a former member,	check here.	membership, (includ	es membership	funds) for a Full/Family p identification emblems.). tion fee, \$30 for one year's
Occupation or former occupation	, if retired.	membership fee, and	d \$5 for a one-	year subscription to <i>Family</i> stand that upon acceptance
How did you hear about FMCA?		of my application, I v Ethics. I agree to read	will be sent a c	copy of the FMCA Code of this code, which represents ors, careful and responsible
If referred by an FMCA member, his/her name and member n	•			nd good citizens of our
		Signed:		
MILY MO?		Make check or mon Please charge my	ey order payal	ble to: FMCA, Inc.
COMMERCIAL MEMBER	7			rer   American Express
	C.//			_ Exp. Date
OACH ASSO		Signature. If charged	, must sign her	e.

Return application and fees to: FMCA Membership Chairman, 8291 Clough Pike, Cincinnati, OH 45244-2796. Telephone (513) 474-3622

**Doc No:** 21906503 **Rev:** 05



IMPORTANT - To ow	ner with New					•	ORN
	ail for accurac				yer -		
LEASE TYPE OR PRINT LEGIBLY:	an for accurac	, 0, , 0 0					
. VEHICLE IDENTIFICATION NUMBER (17 char	acter number four	nd on top le	eft of instrum	ent panel)			
P. PRINT Last Name (including Jr., Sr., etc.)							
PRINT First Name (or Initial) and Middle Name	(or Initial)			0 000 0		10 10	4 72
							- 1 1
. PRINT NEW mailing Address: House/Building	Number and S	treet Nan	ne (includir	ng St., Ave.	, Rd., Ct.,	etc.)	
Apt./Suite No. or	P.O. Box No.		or □RR/	⊒HCR (chec	k one)	RR/□ H	CR Box I
City		State	ZIP (	Code		ZIP ·	+ 4
					_∎ !		
Area Code			Prov.		Posta	Code	
Phone No.			1		I-	-I	
Month Day Year Current Date	Email Add	ress		- t		05/8	
	Rog Rog	dtrek	NO.			Form 2	February 1







	ential Ousto	mer N	lame	1		including	Jr., Sr., 6	etc.)			i							
RINT	ailing Addres	ss: Ho	ouse/Bu	uilding	Number	and Stre	et Name	(includin	g St., A	ve., Rd.	, Ct.,	etc.)	1	-				
City		<u> </u>	<del>-</del>				Sta	ate/Prov.	Z	IP/P.C.	;	1	i			-	-	-
Coun	ry	_	1				1	1	: Email			-	-	-	-	- 1	-	-
my nes			nure a	nd the	e name	and add	dress of	1	0.0200	Area	Cou	×	:		-			- 1
FÉRRE	rest dealer				215-25010/22			Phon	e No. Email	Alea		<u></u>			<u>-1</u>			
edtrek	rest dealer D BY:	ntificat	tion N		r (last 8		only)	Phone		Alea		<u></u>			<u>-1</u>			
adtrek '	rest dealer D BY: /ehicle Iden	ntificat	tion No	umber	(last 8	digits o	only)	Phone	Email									

				Name		1			Ĺ	Jr., Sr.						1	-							-
RINT	Mailin	Addı	ress:	House/	Build	ing Nu	umber	and	Stree	t Nam	ne (ir	ncludir	g St.	, Ave.,	Rd.,	Ct.,	etc.)	1		i	1		i	
City	<i>'</i>			-	i						tate/	Prov.	-	ZIP/	P.C.		1	:	i		1	1	i	i
Cou	untry	i		i		ī					· ·	1	Ema	ail		- the	1.10-	•			1,1		-	
my n	se sen earest RED B	deale		chure	350 55	2015/2015	000000			ress (		Phon		). <u> </u>	rea	Joa	L	-	-	ŀ	-L	1		-
oadtre	k Vehi		entific	ation	Num :	ber (	last 8	digi	its o	nly)	[		Ema	ail										
RINT	Ш	cle Id	1		Num :	ber (		_ آ		Sr., et	rc.)		Ema	ail					-	-	-	-	-	
	Roadtre	cle Id	ners I	Name			(inc	luding	g Jr.,	Sr., et		ncludin			Rd.,	Ct., (	etç.)							





Please contact Roadtrek Motorhomes should you require additional customer referral cards.

100 SHIRLEY AVENUE KITCHENER, ONTARIO

N2B 2E1



#### Roadtrek Motorhomes Inc.

100 Shirley Avenue, Kitchener, Ontario, Canada, N2B 2E1 **Telephone:** 519-745-1169 **or Toll Free** 1-888-ROADTREK (1-888-762-3873)

Telefacsimile: 519-745-1160 Email: service@roadtrek.com WebSite: http://www.roadtrek.com

Doc No: 21906503 Rev: 05 Copyright © Roadtrek Motorhomes Inc. Release Date: December 2007

Printed In Canada