



Viking
RECREATIONAL VEHICLES

**TRUCK CAMPER
OWNER'S MANUAL**



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PICKUP TRUCK SELECTION

Selection of a proper pickup truck is essential. To estimate the total cargo load that will be placed on a truck, add the weight of all passengers in the camper, the weight of supplies, tools, and all other cargo, the weight of installed additional or optional camper equipment, and the manufacturer's camper weight figure. Select a truck that has a cargo weight rating that is equal to or greater than the total cargo load of the camper and whose manufacturer recommends a cargo center of gravity zone that will contain the camper's center of gravity when it is installed.

ENGINE SIZE

The engine must have enough horsepower to handle the pickup truck, the camper, passengers and all cargo. Most truck manufacturers offer a camper equipment package which may include: larger alternator and battery, heavier ply tires, sideview mirrors, heavier electrical wires, larger engine and transmission cooling systems. Consult the truck manufacturer's owner's manual for recommendations.

Note: The use of heavier suspension components (springs, shocks, axles) or heavier ply DOES NOT increase the weight ratings printed on the pickup truck's identification or certification plate. The Gross Axle Weight Rating (GAWR) of each axle is determined by the components within the axle system with the lowest load-carrying capacity.

ENGINE EXHAUST

Check the location of the exhaust pipe. It must be long enough to clear the pickup truck body and the camper unit.



Failure to check the location of the exhaust pipe or perform an occasional inspection of the exhaust system for leaks may result in asphyxiation of the occupants of the camper.

DUAL WHEEL PICKUP TRUCK

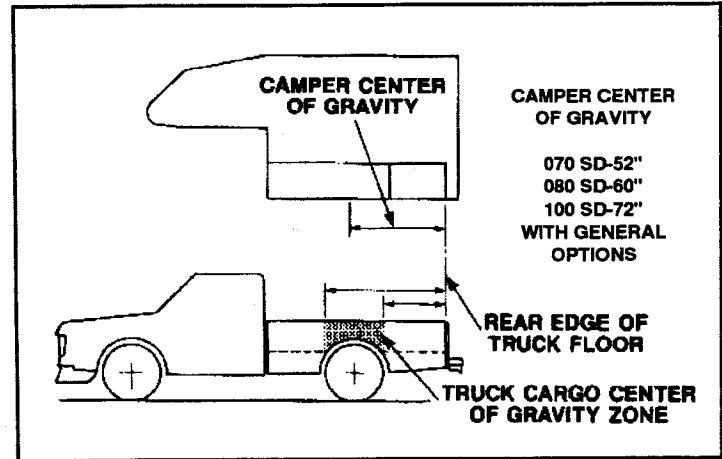
If you own or plan to purchase a dual wheel pickup truck, you also must have dual wheel mounting brackets, which are available from your dealer. These brackets compensate for the added width of the rear fenders by positioning the jacks farther from the truck body and allowing the fenders to easily clear the jacks.

TRUCK CARGO CENTER OF GRAVITY

Consult your pickup truck's owner's manual for the forward and rear limits of the cargo center of gravity zone.

CAMPER CENTER OF GRAVITY

The camper's center of gravity point must be within the pickup truck's cargo center of gravity zone. A picture showing the location of the longitudinal center of gravity of the camper may be found in this manual. Accuracy is within 2 inches under the loaded conditions specified on the certification label on the camper.



CAMPER CENTER OF GRAVITY

CAMPER LOADING

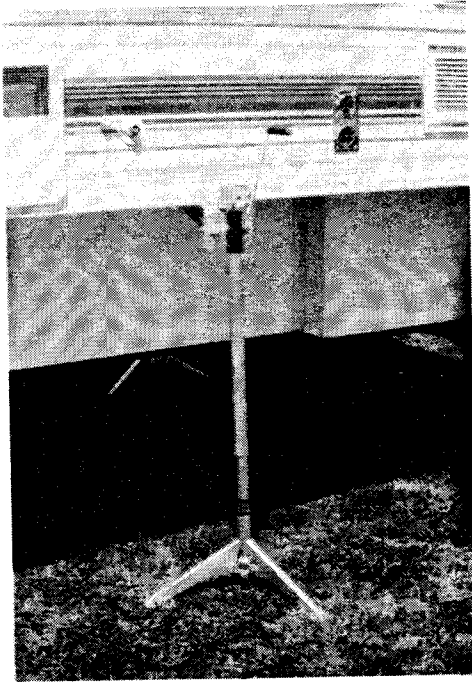
Inspect the area and note inclines, dips or bumps which may interfere with the loading of the camper. This maneuver may require stationing someone behind the truck to guide the driver.

Back the truck up to the camper. The camper floor must be above the pickup truck's bed before it can be loaded. To raise the camper, place the wrench end of the crank handle over the drive lug and turn clockwise.

Follow the same procedure for each jack. Raise each no more than 4" at a time. Once the camper floor clears the truck, slowly back under the camper. If the camper begins to move, stop immediately and locate the problem.

After the truck is under the camper, lower each jack no more than 4" at a time until the camper is securely resting on the truck. Retract the camper legs by turning the crank handle counterclockwise until the leg is out of the tripod.

The quickest way to secure the leg for travel is to loosen both mounting nuts; remove one of the bolts, swing the leg up and extend it through the band. Tighten the loosened nut and replace and tighten the other nut and bolt. However, this method places the leg at an angle which can allow water to enter the leg and eventually cause damage to the jack lift mechanism. To help avoid this, remove both mounting nuts and bolts and shift the jack plate to align with the mounting plate hole nearest the retention band. Insert a bolt through the hole and hand-tighten the nut, then swing the leg up and extend it through the retention band. Replace the other bolt and tighten both nuts. This will secure the leg nearly level and help prevent water from entering the leg. Fold and store the tripods.

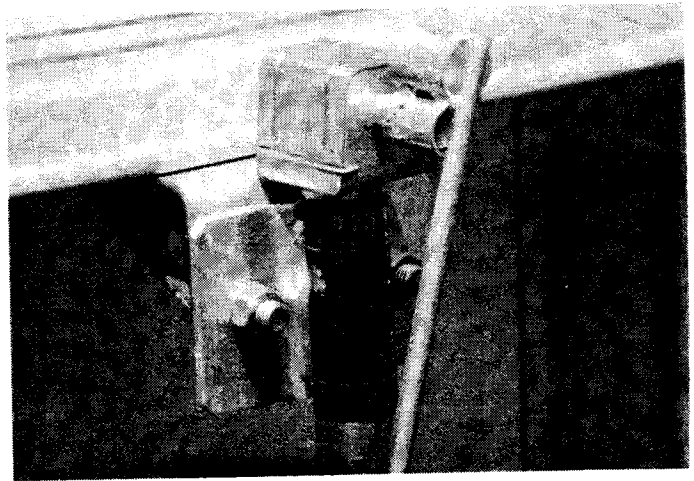


The camper must be secured to the truck with fasteners. Different styles of camper fasteners are available from your dealer. When loaded, plug the electrical connector into the camper's pigtail socket.

FEDERAL STICKER

Found on the road side of your camper, the Federal Sticker lists the serial number and the weight of the camper when it is equipped with standard item, water, LP gas and refrigerator or ice box.

This camper conforms to all applicable federal motor vehicle safety standards in effect of the date of manufacture. Your pickup truck will also have a Federal Sticker.



LOADING

When loading this camper store heavy gear first, keeping it on or close to the camper floor. Place heavy things far enough forward to keep the loaded camper's center of gravity within the zone recommended by the truck manufacturer. Store only light objects on high shelves. Distribute weight to obtain even side-to-side balance of the loaded vehicle. Secure loose items to prevent weight shifts that could affect the balance of your vehicle. A properly loaded vehicle will handle more safely. You also will conserve gasoline and prevent excessive wear on your pickup truck's automotive system if the unit is not overloaded. You may not want to load your camper to its capacity before leaving on your trip so that you may have room for purchases you may make. Store items acquired during a trip forward of the pickup truck's rear axle. We recommend that you weigh your pickup truck and camper again if you add more cargo.

<p>MFD. BY (RV MFG. NAME)</p> <p>THIS CAMPER CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.</p> <p>CAMPER WEIGHT _____ LBS. MAXIMUM WHEN IT CONTAINS STANDARD EQUIPMENT, _____ GAL. OF WATER, _____ LBS. OF LP GAS, AND _____ CUBIC FT. REFRIGERATOR (OR ICE BOX WITH _____ LBS. OF ICE, AS APPLICABLE). CONSULT OWNER'S MANUAL (OR DATA SHEET AS APPLICABLE) FOR WEIGHTS OF ADDITIONAL OR OPTIONAL EQUIPMENT.</p>

FEDERAL STICKER

WEIGHT DETERMINATIONS

It is extremely important that you weigh your pickup truck prior to leaving on a trip to determine whether your cargo load is within the allowable limits for the various suspension components. When the truck camper is loaded, drive to a scale and weigh the front and the rear wheels separately to determine axle loads. The load on an axle should not exceed its gross axle weight rating (GAWR). The total of the axle loads should not exceed the gross vehicle weight rating (GVWR). These weight ratings are given on the vehicle certification label that is located on the left side of the vehicle, normally the dash panel, hinge pillar, door latch post, or door edge next to the driver on trucks manufactured on or after January 1, 1972. If weight ratings are exceeded, move or remove items to bring all weights below the ratings.

DEFINITIONS

GAWR - The allowable weight, including cargo and passengers, which can be safely supported by each axle.

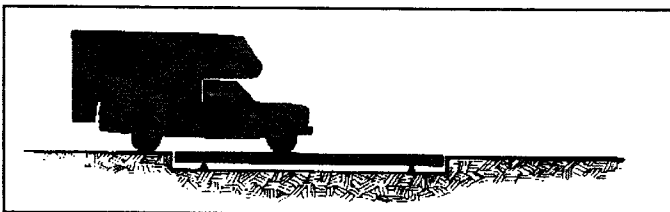
GVWR - The maximum permissible weight of your pickup truck, including cargo, all options and passengers.

GVW and **GAW** - These are found by weighing the vehicle fully loaded. **GVW** is the actual weight of the pickup truck and all standard and optional equipment, cargo and passengers. **GAW** is the portion of the fully loaded vehicle which is transferred to the axle(s).

You can weigh your vehicle at a grain elevator, sand and gravel dealer or government weighing station (they are listed in the yellow pages of your telephone book). The small fee involved is a worthwhile investment.

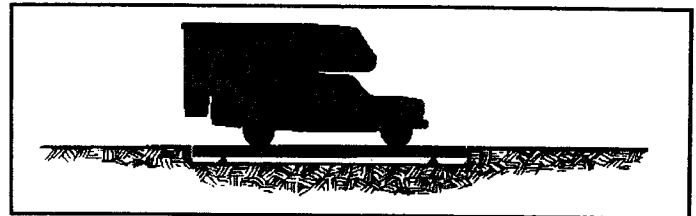
WEIGHING

STEP 1 - Drive only the front axle of the pickup truck onto the scale. The load on the axle should not exceed the front GAWR listed on the pickup truck's Federal Sticker.



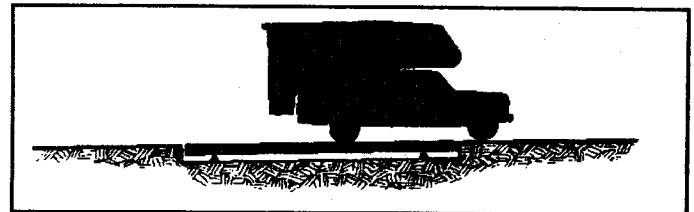
FRONT GROSS AXLE WEIGHT

STEP 2 - Drive the entire pickup truck onto the scale. This figure should not exceed the GVWR listed on the Federal Sticker.



GROSS VEHICLE WEIGHT

STEP 3 - Pull forward so only the truck's rear axle is on the scale. The load on the axle should not exceed the rear axle GAWR listed on the Federal Sticker.



REAR GROSS AXLE WEIGHT

NOTE: *If any of the weight ratings are exceeded, shift or remove a portion of the cargo and re-weigh the pickup truck.*

TRAVEL PREPARATIONS

It's always a good idea to plan your trips. Make arrangements for someone to check your house periodically while you're on your trip. Stop mail and newspaper delivery. If you intend to be away for more than two weeks, request police surveillance for your house. Carry an extra set of vehicle and house keys with you on a separate key ring.

Fill your fresh-water tank before leaving. When traveling in winter, however, don't fill the water tank until the interior of your unit is thoroughly warmed or until you reach your destination.

Decide on the various items of equipment, clothing, food and other supplies you'll need for the length and destination of your trip.

Each moment you spend loading your RV is time you lose from the length of your stay. To reduce loading time, stock your RV with a supply of plastic or paper dinnerware, stainless steel or plastic flatware, pots, pans, towel and bedding. Try to use paper, plastic and aluminum whenever possible. They are lighter and less likely to break when the vehicle is moving. If you are planning an extended trip, pack only enough food for two or three days; you can replenish your supply along the way. Don't try to take enough food for the whole trip. Plan meals so that fresh or refrigerated items are used before they spoil. Keep a basic supply of seasonings (sugar, salt, pepper and spices) in your RV. See **APPENDIX B: TRAVEL PREPARATION CHECK-LIST** for more tips on what to pack for your trip.

LICENSES

Vehicle licensing laws vary from state-to-state. Check with your state license bureau or the nearest licensing branch office for the requirements of your state. Be sure to renew your driver's license if it has expired or will expire during your trip.

In the event that the truck camper you have purchased obscures the license plate on your pickup truck, a bracket has been installed on the rear of your truck camper for its relocation.

INSURANCE

Personal liability, property damage, collision and theft of contents may be features of your automobile insurance policy that apply to your RV. Talk to your insurance agent about the details of your coverage. Always carry your insurance policy and/or card with you when you travel.

GENERAL DRIVING CHECKS

For your safety, make certain that the following items have been checked and rechecked before you take you RV unit on the road. Be sure to read APPENDIX A: PRE-TRAVEL CHECK for additional driving checks.

JACKS: The jacks must be **raised and secured** in their proper place.

LIGHTS: The following lights should be tested on both the RV and the pickup truck: brake lights, warning lights, flashers, clearance lights, taillights and vehicle headlights. Clean all lens covers.

PIGTAIL: The pigtail should be connected properly to the tow vehicle's electrical harness.

REARVIEW MIRRORS: Adjust the rearview mirrors so that the driver can see the right and left sides of the unit.

DRIVING

Get to know how your pickup truck handles with the added weight of your RV. The brakes and steering operation will be different. Before leaving on a trip, practice making right and left turns, braking, backing and accelerating. Your RV is designed to travel at a maximum legal highway speeds under ideal conditions. Under less than ideal conditions, your vehicle should be operated at a reduced speed limits. Before you travel be sure to read APPENDIX A: PRE-TRAVEL CHECK in this manual. Below are tips to help you.

CLEARANCE

Be sure to read "Clearance Height" signs on overpasses, drive-through windows, etc. Watch out for overhanging tree branches, awnings or similar obstructions that can damage your vehicle's roof or roof-mounted equipment and accessories. Check with your dealer for clearance measurements of the unit.

PULLING INTO TRAFFIC

Check for oncoming traffic in all directions. Signal before entering the flow of traffic. Always accelerate slowly and smoothly; the added weight of your RV makes quick acceleration not only difficult but potentially unsafe.

PASSING

Avoid sudden maneuvers when passing a slower-moving vehicle. Remember that additional time and distance are required to pass safely. Wait until the road is clear of oncoming traffic for at least 1/2 mile. Check the outside rearview mirrors and signal lane changes before passing other vehicles. When you have safe clearance, signal lane change and return to your original lane.

BRAKING

Allow a safe distance to stop; follow no closer than one vehicle length for each 10 mph. Pump the brake pedal lightly to stop on wet or icy roads. If you start to slide, turn the steering wheel in the direction of the slide. **DO NOT "slam on" the brake pedal** - a panic stop will increase the slide. **DO NOT rest your foot on the brake pedal while driving.** "Riding" the brakes in this manner may cause overheating, excessive lining wear and possible brake failure.

UPGRADES

To avoid engine overheating when climbing a steep grade, reduce speed and shift the transmission to a lower gear.



DO NOT exceed the truck manufacturer's recommended speed limit in lower gears - excessive engine speed will overheat the transmission which may cause early transmission failure.

DOWNGRADES

When you are going downhill, reduce your speed and shift the transmission to a lower gear to assist in braking on long or steep downgrades.

PARKING ON A GRADE

Parking vehicles on an upgrade or downgrade is not recommended. If it is necessary in an emergency, apply the brakes and have a passenger place wheelchocks behind the tires of your truck. When in place, slowly release brakes until the unit is stopped by the chocks. Apply parking brake and shift transmission into PARK position (place manual transmission vehicles in gear).

FREEING A STUCK VEHICLE

To pull your unit out of the snow, sand or mud, apply slight pressure to the accelerator pedal and move the gear selector rhythmically between first gear and reverse gear. If possible, keep the front wheels pointed straight ahead. Avoid sharp turns. Once the unit starts to move, do not stop until it is on firm ground.



DO NOT race the engine or spin the wheels; prolonged efforts to free a stuck vehicle may result in overheating, and transmission and axle failure.

TOWING

Consult the truck manufacturer's owner's manual for recommendations on towing.

TIRE CHANGE

Change a tire on as level and firm a surface as possible. If you are on the road side, activate the unit's hazard warning flashers. Apply the parking brake and move transmission selector to the Park (P) position or place in gear. Set up flares and/or warning lights. See your truck manufacturer's owner's manual for proper tire change instructions.

CAMPING

CAMPSITE SELECTION

There are many campground guides that will assist you in making your selection. Many campgrounds accept reservations, and during peak seasons, it is wise to make a reservation. If possible, arrive early so you can inspect and choose your campsite during the daylight hours.

During the winter months it is desirable to take advantage of natural windbreaks like trees, bushes

or any similar type of windbreak. This will cut down the possibility of cold drafts that can affect the comfort level of your unit.

SET-UP

It is very important that your unit is level. This allows your refrigerator and drainage systems to operate properly (both function by gravity). To determine levelness, place a level on the bottom of the refrigerator's freezer compartment or in a normally level location inside the vehicle. You may wish to permanently attach levels (available at your dealer) on the front and/or back and sides of the RV. This will allow you to tell at a glance if you've stopped on a level site and will help speed the leveling process.

If your unit needs side-to-side leveling while loaded on the truck, you make a step leveling ramp using 1" X 6" or 2" X 6" boards of varying lengths. Pull forward or back onto the leveling ramp until the tire(s) on the low side are level.

UNLOADING

Select a level and firm site. Unplug the pigtail from the truck camper's electrical connector. Release the truck camper fasteners.

To lower the legs, retract each through the retention band, loosen or remove the mounting nuts and bolts; align jack plate holes with mounting plate holes, reinsert bolts and tighten nuts. Crank the jacks clockwise until the leg is completely lowered into the tripod socket.

Raise each jack no more than 4 inches at a time, until the camper is clear of the truck bed. Slowly drive the truck away until it is out from under the camper. If the camper begins to move, stop and locate the problem. Once clear, lower each jack no more than 4 inches at a time to its lowest position. To lower manual jacks, turn crank handle counterclockwise. DO NOT attempt to lower the jacks beyond the built-in stop; you may damage the gears.



The loading jacks are designed to permit you to raise or lower the truck camper for placing it onto, or removing it from, the pickup truck bed. DO NOT occupy your truck camper when it is off the pickup truck bed unless you have made sufficient arrangements to ensure the stability of the unit (proper blocking under the body of camper).

LEAKS

Traveling over bumpy or rough roads can cause pipe fittings to loosen. Check the pipe fittings in your unit regularly for signs of leakage.

DRAINAGE/SEWER SYSTEM

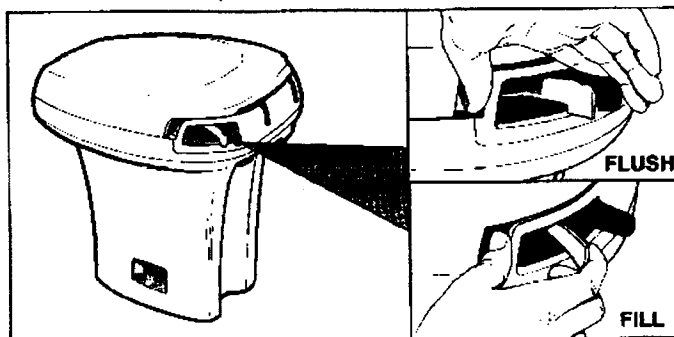
Your RV is equipped with a drainage sewer system that functions much the same as the one in your home. In most units this system includes drain lines from the kitchen sinks, lavatory, tub/shower and marine type toilet to a gray-water holding tank and/or a sewage holding tank.

The drainage system also includes vents that carry odors (caused by drain water and waste) out through the roof. The drainage system vents also equalize the air pressure, which is necessary to maintain a water barrier against odors in the P-traps and ensure smooth flow and escape for your drainage system.

TOILET

Flush the toilet before initial use and after emptying the holding tank. To help control odors, there are a number of toilet and holding tank treatment concentrates on the market. These chemical concentrates are available at your RV dealer.

To operate toilet, pull the black lever, which empties the bowl, forward (the "open" position) and hold until all contents are swept into the holding tank. Always hold the black lever in the "open" position for a minimum of three seconds. The black lever simultaneously activates the white lever. When you release the black lever, the bowl will automatically fill with water for the next use. To add more water to the bowl, pull the white lever forward.



AQUA MAGIC IV TOILET

When you clean your toilet, do not use highly concentrated or highly acidic household cleaners (no scouring powder). If the slide valve does not move freely, apply silicone spray. To ensure proper operation and maintenance, refer to your toilet manufacturer's operating manual.

Holding Tanks

Most unit drainage/sewer systems have two holding tanks, Gray water and Waste (black) Water. The gray water holding tank collects water from the kitchen sink, lavatory and tub/shower. The waste (black) water holding tank is used to collect waste from the toilet. In some units, one tank collects both gray water and sewage waste.

To prevent unnecessary accumulation of solids in the waste holding tank, do not put facial tissues or similar products into the toilet. It is highly recommended that you use only bio-gradable toilet tissue available from your RV dealer. Holding tanks should be emptied frequently into a specified dumping station. Most campgrounds have dumping stations, offer at each campsite, and many service stations and highway rest areas have waste dumping stations also. Before emptying the holding tanks, make sure your vehicle is level; emptying the holding tanks depends on gravity.

To empty the holding tank, remove the sewage drain hose from its storage area. Remove the cap from the termination outlet and connect the sewage drain hose.

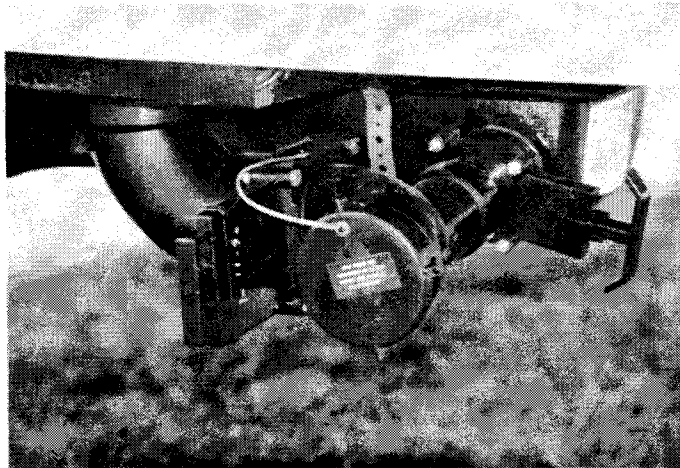
While you are camped you may leave the gray water dump valve open only if the hose is connected and your campsite has a sewage hookup. Do not open the waste water dump valve until you want to empty the holding tank. If the waste water dump valve is left open, the rinse and flush water will run off and solids will be left to collect and harden in the bottom of the tank.

To drain a holding tank, pull out the dump valve slide handle (page 7). On some units it is necessary to unfasten or unlock a holding device before the slide valve handle can be pulled out. After the tank is drained, close the valve (if applicable, lock in place).

After emptying the waste holding tank, flush or pour about two gallons of water through the toilet and drain again. This flushes the tank and helps clean the drain hose. Repeat as necessary.

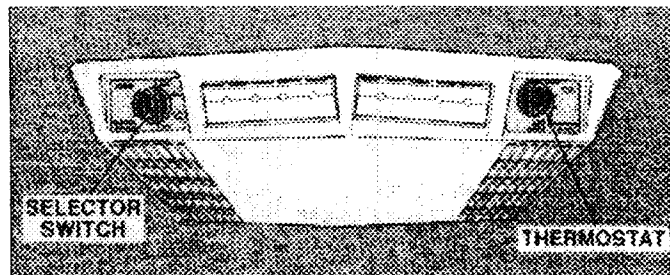
To empty the gray water holding tank, follow the same procedure used to empty the waste holding tank. A flushing may not be necessary. When the tank is empty push the dump valve handle in until it seats (if applicable, lock in place). Remove the hose, wash it and return it to its storage holder. Replace the termination cap securely.

It is recommended that you always drain the sewage waste holding tank first, and then the gray water tank. This assists in flushing cleaning the termination valve and drain hose.



ROOF AIR CONDITIONER

If you did not order the optional roof air conditioner at the time of purchase, your unit may be wired so that one can be installed later; ask your dealer. The roof air conditioner will operate only on 120-volt electricity.



ROOF AIR CONDITIONER CONTROLS

More than one type of roof air conditioner is installed at the factory. Consult your dealer and your roof air conditioner manufacturer's manual for specific instructions for the one installed in your unit.

Before starting any model of roof air conditioner, close all doors and windows. The controls for the air conditioner are on a panel on the portion of the appliance that is attached to the ceiling inside your unit. You can select cooling or fan only.

AIR CIRCULATING ONLY/COOLING - Turn the Selector Switch to COOLING, then rotate the thermostat to the position that is most comfortable to you and adjust the directional louvers to the desired direction of air flow. The compressor will cycle on and off, automatically maintaining the temperature you've set.

Drain Piping

If your unit does not have holding tanks it will have a drain pipe and termination outlet and cap. To drain, remove the termination outlet cap and attached the drain hose. Some campsites will have septic service for the disposal of gray water at each site. If the site is not so equipped, collect the gray water in a bucket or container and dispose of as required by park rules. To avoid contamination, use different buckets for fresh and drain water; mark or paint them for easy identification.

Drain Care

Use clear water to clean exterior pipe surfaces. DO NOT use harsh drain cleaner chemicals or solvents in drains. If you have a problem with clogged drainlines that you cannot easily solve it is recommended that you consult an authorized dealer.

STORAGE

You should follow these procedures if you will not be using your unit for an extended period of time:

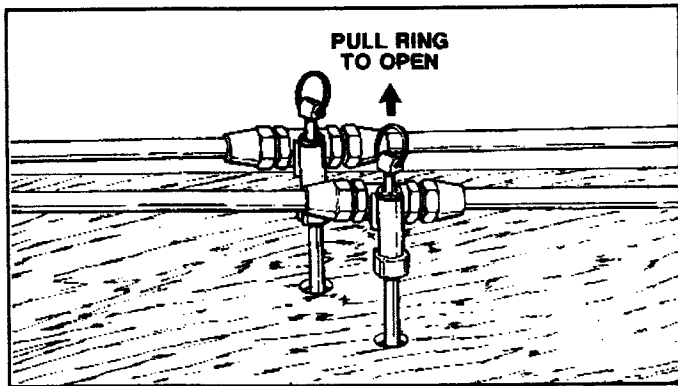
The unit should be placed on suitable, sturdy blocking, with jacks down, on a firm, level surface. **DO NOT** store or use unit supported by jacks only.

LP GAS

Close the LP gas container's Service valve. Extinguish all pilots and close all appliance LP gas valves (oven/range, water heater, refrigerator, furnace). Light a range burner to consume any gas remaining in the lines. When the flame turns out, turn the range burner off.

WATER HEATER

Drain the water heater. To drain, see Water Heater Draining in the **APPLIANCE** section of this manual.



WATER LINE DRAIN VALVES

WATER PUMP

When the water tank and water lines have been drained, remove the outlet hose from the pump. Turn the pump on, allowing it to pump out any remaining water, usually about a cupful. Use a towel or cloth to catch this water. Reattach the outlet hose.

ELECTRICAL SYSTEM

Turn off all circuit breakers at the Power Center.

GENERAL

Close and secure all doors and windows. Open a roof vent or window slightly to allow circulation, but not so far that rain or snow can enter.

WINTERIZATION

Make special preparations for storing your unit in cold winter climates. All systems and components should be inspected and, if necessary, repaired prior to storage. Winterize the unit before removing the RV battery.

NOTE: *If you will be using your vehicle during cold weather, be certain to keep the fresh water system drained or use an **approved, non-toxic** RV anti freeze to prevent freeze-ups. Have an LP gas supplier add anhydrous methanol to your LP gas containers. Consult your authorized dealer for more information.*

REFRIGERATOR: Remove all food from the refrigerator, defrost and wash and dry the inside. Prop the door open so air can circulate.

CABINETS: Check the staple foods in your cupboards and remove any that could freeze and be damaged. Leave cabinet and closet doors open a bit to prevent a musty odor or mildew.

HOLDING TANKS: The dump valve shafts should be inspected and lubricated, if necessary. Be certain the dump valves are closed.

FRESH WATER SYSTEM: Drain as described in the **STORAGE** section of this manual, then pour six gallons of non-toxic RV antifreeze into the gravity water fill. This will allow you to winterize the remainder of the fresh water system. Winterize the fresh water system by briefly opening all water faucets and switching the water pump on. Close the faucets when antifreeze flows out. Switch the pump off. Pour non-toxic antifreeze into both kitchen sinks and the shower drain, enough to fill P-traps.

CAUTION

Do not use automotive antifreeze in the water system. It is poisonous.

WATER HEATER: Drain (see Water Heater Draining in **APPLIANCE** section). Although about two quarts of water will remain after the heater has been drained, there is ample room for expansion if it freezes. Add antifreeze to the water heater tank by opening a hot water faucet. When antifreeze appears at the spout, close the faucet.

WATER TANK: Drain by switching the water pump on and opening all faucets. Remove the water tank's exterior drain cap, if so equipped, or open the tank's drain valve. Open all hot and cold water line drain valves. When the tank is empty, close all faucets and drain valves, and replace the drain cap.

WATER PUMP: The water pump should be drained when the water tank and water lines have been drained. Remove the outlet hose from the pump. Turn pump on, allowing it to pump out any remaining water, usually about a cupful. Use a towel or other cloth to catch this water. You can reattach the outlet hose now or later.

TOILET: flush toilet until antifreeze is present in the bowl. Pour one gallon of fresh-water antifreeze down the toilet to winterize the waste water holding tank. The toilet water supply line should be drained completely and the water supply valve should be left open. On models with the black/white levers, block the white lever in the open position with a wad of paper. When using air pressure to drain the water line, toilet valve should be held in the open position. If water is inadvertently frozen in the toilet, do not flush until the ice is thawed.

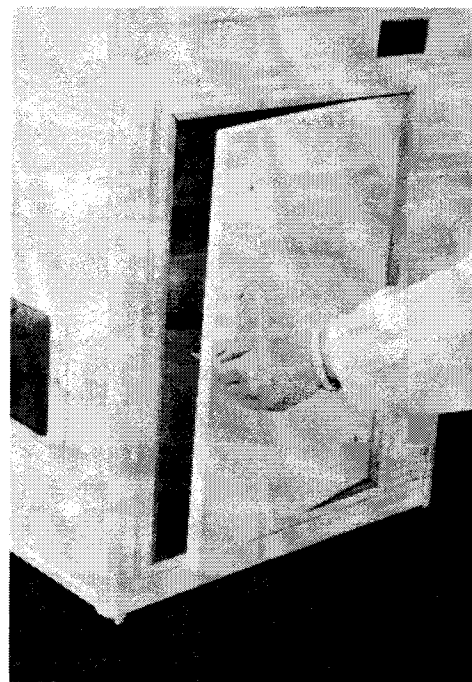
LP GAS REGULATOR: Cover to keep moisture out of vent. LP gas system should be prepared as described in STORAGE section. Containers should have anhydrous methanol added by an LP gas supplier.

WINDOWS: Cover with newspaper or cardboard to protect fabrics from fading.

EXTERIOR VENTS: Cover refrigerator and furnace vents with plastic. Inspect all roof vents and replace, if necessary.

NOTE: *Never use appliances with vent covers in place.*

EXTERIOR: Clean and wax, lubricate locks and hinges. Check under the RV for any openings which would allow varmints to enter; seal if necessary. Lock securely. Inspect throughout the winter months and remove any snow accumulation from the roof with a long-handled broom or similar tool.



LP Gas Bottle is located in the compartment on the exterior of the unit.

• PRE-TRAVEL CHECK

GENERAL DRIVING CHECKS

For your safety, make certain that the following items have been checked and rechecked before you take your RV unit on the road. Make certain that all items inside of your RV unit are secured (e.g., lawn chairs, pots and pans, TV, etc.). As you travel, these items (if not secured) may become damaged or may damage the interior of your unit.

JACKS - The jacks must be raised and secured in their proper place.

LIGHTS - The following lights should be tested on both the RV and the pickup truck: brake lights, warning lights, flashers, clearance lights, taillights and truck headlights. Clean all lens covers.

PIGTAIL - The pigtail should be connected properly to the truck's electrical harness.

REARVIEW MIRRORS - Adjust the rearview mirrors so that the driver can see the right and left sides of the unit.

OTHER DRIVING CHECKS

Whether you are departing from your home, rest area or campsite, you should check the following parts of your RV before you take off.

POWER CORD - The 120-volt Shoreline power cord must be unplugged from the external source and placed into its compartment. The cord hatch must be secured before you travel.

WATER FILL HOSE(S) - All hoses must be disconnected and all hose caps must be secured before you travel.

SEWAGE TERMINATION VALVES - These valves must be closed and locked before you travel. The sewer hose must be removed from the termination valve outlet and stored in the appropriate compartment. Termination caps must be securely fastened to the termination valve outlet(s).

WINDOW AND VENTS - All window and vents should be closed completely or adjusted as desired before you travel.

LP GAS BOTTLES - LP gas bottles and connections should be secured.

NOTE: Some states prohibit vehicles equipped with LP gas bottles from using tunnels. A few other states prohibit traveling with the Service Valve open and the pilots lit. Check the regulations of the state through which you intend to travel.

AUTOMOTIVE SYSTEM - Be sure to check your pickup truck as outlined in the truck manufacturer's owner's manual.

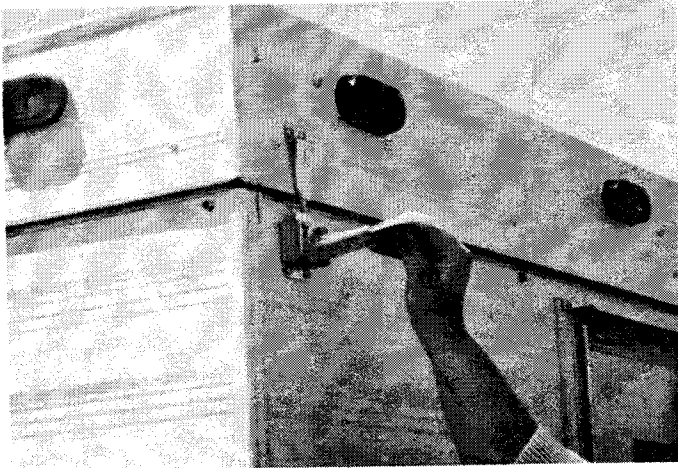
INTERIOR DOORS AND DRAWERS - Close and secure all interior doors and drawers in your unit. Store or secure all loose items.

EXTERIOR ACCESS DOORS - Exterior access doors for storage and equipment should be closed and locked.

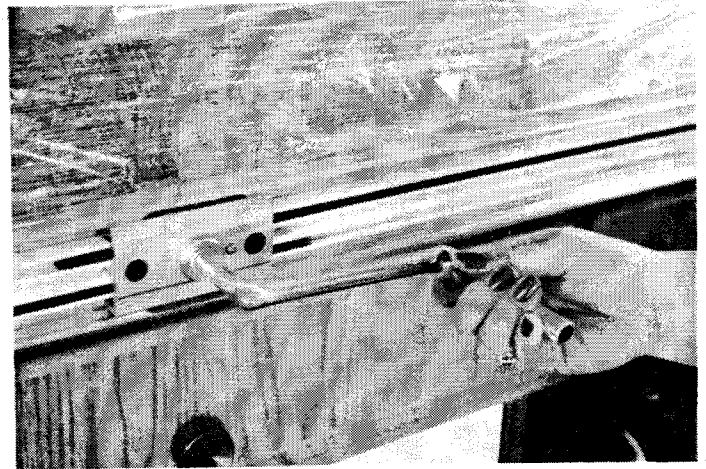
REFRIGERATOR DOOR - Secure the refrigerator door with the travel latch.

STABILIZING JACKS - Completely retract and store in their travel position.

SET UP OF A TRUCK CAMPER



Step 1: Release all four roof latches (two on each side of unit).



Step 2: Go inside of unit, take crank out of front storage cabinet. Put handle in front bunk crank and turn clockwise, until roof is all the way up.



Step 3: Put down safety latch on left system bar, to secure roof. Located front of bunk on right side.



Step 4: Go outside of unit and snap tent snaps to snaps on unit, all the way around.



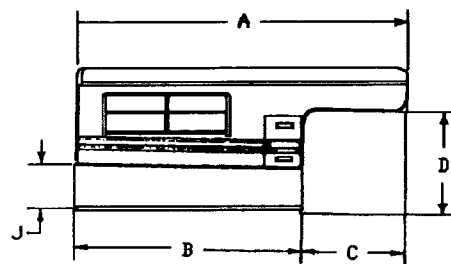
If your truck camper has a shower. Connect the shower curtain to the ceiling with snaps.



Connect vinyl pipe cover over pipe with velcro.

TRUCK CAMPER SPECIFICATIONS

	SP070	SP080	SP100
A BODY LENGTH	10'-6"	11'-8"	14'-1"
B FLOOR LENGTH	7'-2"	8'-0"	10'-0"
C OVERHANG	3'-4"	3'-8"	4'-2"
D CAB HEIGHT	3'-5"	3'-9"	3'-9"
J UP & OUT	1'-5"	1'-9"	1'-9"
WIDTH	6'-6"	7'-4"	7'-4"
BASE WIDTH	3'-2"	4'-0"	4'-0"
CLOSED HEIGHT	4'-8"	5'-0"	5'-0"
OPEN HEIGHT	6'-8"	6'-8"	6'-8"
GROSS WEIGHT	955	1090	1350
SLEEPING CAP	4	4	4
WT TANK CAP	12	12	32
GREY HOLD TANK (GAL.)	-	-	18
BLACK HOLD TANK (GAL.)	-	-	15



APPLIANCE IDENTIFICATION FORM

Should your unit or one of the appliances require warranty service, you will have to identify the manufacturer, model designator and serial number. Fill in this form as soon as possible. It will help you meet our identification requirement. Depending on your unit, certain items listed below may not be offered as either optional and/or standard. Most of this information can be found on the Recreational Vehicle Data Card attached to the inside of one of the kitchen cabinet doors.

EQUIPMENT	MANUFACTURER	MODEL DESIGNATOR	SERIAL NUMBER
Truck Camper	VIKING		
Furnace			
Converter			
Refrigerator			
Water Pump			
Water Heater			
Roof Air Conditioner			
Toilet			
Door Key			

ELECTRICAL SPECIFICATIONS

Light bulbs

Interior 12 VDC	-	#1141
Range Hood	-	25 Watt, 12 VDC
Turn, Tail and Stop	-	#1157
Back up	-	#1156
License Plate	-	#67
Clearance	-	#67

Fuse/Circuit Breaker Size

12 VDC Appliances	-	15 Amp Fuse
120 VAC Circuits	-	15 Amp Fuse
120 VAC Roof Air Conditioner (U.S.A. Installation)	-	20 Amp Fuse
120 VAC Roof Air Conditioner (Canadian Installation)	-	15 Amp Fuse

Water Pump Fuse - 15 Amp Slo Blo

Truck Camper Plug Code	Designator	Color
6-Wire		
Back Up	S	Black
Interior	Center	Orange
Right Turn	RT	Brown
Left Turn	LT	Red
Ground	GR	White
Running Lights	TM	Green
3-Wire		
Ground		White
Running Lights		Green
Refrigerator		Red

REPORTING SAFETY DEFECTS

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 Viking Recreational Vehicles Inc..

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

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from the Hotline.

VIKING
RECREATIONAL VEHICLES, INC.



NEW RECREATIONAL VEHICLE LIMITED WARRANTY

Your new Viking Camper is warranted to the original retail purchaser for One Year from the date of retail purchase to be free from defects in material and workmanship. This warranty is not transferable.

WHAT WE WILL DO

Viking Recreational Vehicles, Inc., will for one year from the first retail purchase date, or as outlined below, make repairs which are necessary because of defects in material or workmanship. We will repair or replace any defective part with a new or reconditioned part at no cost to you. Because of design changes and improvements we may substitute parts or components of substantially equal quality without incurring any obligation to incorporate these changes in any product previously manufactured.

WHAT YOU MUST DO

For warranty service, take the product, at your expense, to your dealer or authorized service center and present your Owner Registration Card or Temporary Owner Registration Card.

You must perform regular maintenance, for example grease bearings, maintain seals around extrusions, keep the canvas clean and dry for storage etc.. Refer to your owners manual for more detailed instructions.

Your dealer will advise you when the warranty service is complete. All payments for warranty service and parts will be made by Viking to the dealer only.

WHAT IS NOT COVERED

Tires, batteries, and major appliances are warranted separately by their manufacturers.

Damage such as that caused by misuse, abuse, collision, alterations, lack of proper maintenance, improper repairs or environmental damage.

Normal deterioration of fabric and decorative items due to wear or exposure.

Any product which is used for commercial purpose or held for rental.

Maintenance service - it is your responsibility to maintain the product in accordance with the instructions provided in the owners manuals.

Any product which is not registered and normally used in the United States or Canada.

Any promises made by any person beyond those stated in this warranty.

WE SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, such as your expenses for transportation, lodging, loss of income. Some states do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Roof assemblies are warranted for defects, as in leaks. Any nonfunctional, cosmetic problems that are not noted prior to retail delivery are not covered by this warranty.

The Outside Spring Loaded lift system is warranted for any functional defects, cosmetic problems that are not noted prior to retail delivery are not covered by this warranty.

Vinyl floor coverings will be warranted for cuts or tears, if noted prior to retail delivery, and will be repaired or replaced at Viking's discretion.

Lightbulbs, fuses, tire valve cores and similar items, are not covered by this warranty and are sold AS IS.

IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE ONE-YEAR TERM OF THIS WRITTEN WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

We want you to be satisfied with your new product. For further help or information, contact:

Viking Recreational Vehicles, INC., Service Department, P.O. Box 549, Centreville, MI 49032.



