

## Owner Assistance

If your Waldoch conversion is in need of service, a trained technician at your local dealership should be able to service it. Most components are easy to access and our customer service team is available with technical support. If for any reason your concern cannot be resolved to your satisfaction, please call us at our toll free number (1-800-328-9259) so we can assist you. Please review warranty information for guidelines.

When you call, please be prepared to provide:

1. Your name, address and phone number.
2. In service date and date of purchase.
3. The current mileage of your vehicle.
4. The original selling dealer's name and location.
5. The nature of the problem or question.
6. The vehicle identification number (VIN) on your Waldoch. This can be found on the identification tag (sample shown below) located in the center console, in the glove compartment or on a plate on the left front corner of the dash, visible through the windshield.

This vehicle was manufactured by Waldoch Crafts, Inc. on [date]

VIN # [vehicle identification number]

G.V.W.R

G.A.W.R FRONT:

G.A.W.R. REAR:

And as altered conforms to all applicable federal vehicle safety standards affected by the alteration

**JOB:** [conversion job number] Sales Order: [sales order number]

Package Code: [conversion package]

**Maximum added cargo lbs. (plus 7 passengers):** [weight in lbs.]



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**For more information, call 1-800-328-9259 or (651) 464-3215**



*Since 1974*

**Owner's Manual  
Van**

## Notice to Owner

Waldoch offers a variety of van conversion packages. Some of the features described in this manual may not be included on your van. Check your feature list to identify the specific features included in your Waldoch package. All packages are subject to change without notice.

**This manual is meant to supplement the owner's manual supplied by the chassis manufacturer and/or accessories manufacturers. Refer to these manuals for additional operating and maintenance information.**

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*This information is subject to change without notice or legal obligations.*

## Waldoch Owner's Manual

*Dear Waldoch Owner,*

*Thank you for choosing a Waldoch conversion.*

*Since 1974, the Waldoch Crafts team has been converting vehicles from mere modes of transportation to places of comfort and recreation. We hope you and your family will spend many hours enjoying the advantages of Waldoch travel.*

*To be sure that you receive the full benefits of each feature included in your Waldoch conversion, please read the following owner's manuals carefully. The easy-to-read instructions will explain the proper operation of each convenient Waldoch feature. Safety tips will help you take the necessary precautions to keep your family and passengers safe and sound. Cleaning and maintenance tips will ensure that your Waldoch will continue to attract envious attention for many years to come.*

*This manual is meant to supplement the owner's manuals provided by the chassis manufacturer and the various accessory manufacturers of your conversion vehicle's components. Please take time to read through all the literature included with your Waldoch.*

*We appreciate your confidence in selecting a Waldoch conversion. Through the years, Waldoch has put the fun into family traveling with quality workmanship and innovative design features. We hope you enjoy your conversion for years to come, as thousands of satisfied customers all over the country already do.*

*If you have any questions or would like additional information about your Waldoch, please call us at 1-800-328-9259 or visit our website at [www.waldoch.com](http://www.waldoch.com). We'll be happy to provide any assistance or information you need.*

*Sincerely,*



*Donald L. Waldoch  
President*

13821 Lake Drive Forest Lake, MN 55025 Fax 651-464-1117 [www.waldoch.com](http://www.waldoch.com)

**For more information, call 1-800-328-9259 or (651) 464-3215**

## Warranty Information

### LIMITED WARRANTY

Waldoch Crafts, Inc. warrants Waldoch parts and equipment for this vehicle against substantial defects in material and workmanship for a period of 36 months or 36,000 miles, whichever comes first, from the date of the original purchase of the vehicle from the dealer, under normal use and service.

### THIS LIMITED WARRANTY DOES NOT COVER:

1. Tires. Tires are subject only to the warranty provided by the tire manufacturer.
2. Equipment such as radios, televisions, video cassette players, compact disc players, radar detectors, custom seats, air conditioners, wheels or any other items that are individually guaranteed by their respective manufacturers. Waldoch Crafts, Inc. does not provide warranty for such items in addition to that provided by the manufacturers of such items.
3. Damage caused by misuse, accidents, negligence, overloading, road debris or ordinary wear and tear.
4. Consequential damages, including, but not limited to, inconvenience, loss of use of vehicle, transportation cost, loss of time, loss of income, lodging expenses, or loss or damage to personal property. (Certain states do not permit the exclusions of incidental or consequential damages, the above limitation or exclusion may not be applicable to every customer.)

### PROCEDURES RELATED TO WARRANTY WORK

In accordance with our dealer warranty policy, included with your Waldoch conversion, all warranty work must be approved in advance by an authorized representative. Waldoch Crafts, Inc. will not reimburse any dealer for labor or parts provided under this warranty unless Waldoch Crafts, Inc. grants approval for the specific work to be done and the amount to be charged in advance.

### TIME LIMITATIONS

As indicated above, this limited warranty extends for a period of 36 months or 36,000 miles, whichever occurs first, from the date of original purchase of the vehicle from the dealer. In order for this warranty to become effective, all claims must be submitted to Waldoch Crafts, Inc. within such period and within 45 days of repair.

To the extent allowed by law, THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED AND INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OF FITNESS. UNDER THIS WARRANTY, REPAIR OR REPLACEMENT PARTS BY WALDOCH CRAFTS, INC. IS THE ONLY REMEDY.

## Reporting Safety Defects

*The following is a statement written by the National Highway Traffic Safety Administration (NHTSA).*

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

To contact Waldoch Crafts, Inc., call 1-800-328-9259 or write to Waldoch Crafts, Inc., 13821 Lake Drive, Forest Lake, MN 55025. To contact NHTSA, you may call either the Auto Safety Hotline toll free at 1-800-424-9393 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.

## Safety Tips

**Please take time to read your Waldoch Owner's Manual and the chassis manufacturer's owner's manual carefully. Become familiar with all the operations of your vehicle.**

Because we care, we suggest following these important safety tips:

1. Be sure the driver and passengers use safety restraints when the Waldoch is in motion. Car seats should be used for infants and young children.

***Note: Inflating air bags can seriously injure small children. Small children should always be placed in rear seats.***

## Safety Tips

2. Do not allow anyone to lie on the sofa or ride in the storage space behind the sofa when your Waldoch is in motion. ***Sofa should be in upright position when vehicle is in motion.***
4. Operate piston/mechanical bed extensions only from the rear doors of the vehicle. ***Do not allow persons or excessive weight to be resting on the sofa or bed extension while in operation.***
5. Make sure that seats (including swivel seats), sofa and entertainment console are all firmly locked in place and forward facing when your Waldoch is in motion.
6. Make sure all luggage, books, sporting equipment, etc. is securely held in place in your Waldoch when it is in motion.
7. Do not overload your Waldoch. Overloading can cause damage to the suspension, tires and wheels as well as affect performance. If carrying or towing heavy loads, check your axle weight. Make sure any carried weight is distributed evenly on both sides of the vehicle to ensure its best performance. Check tires for proper inflation.

***Note: Check the gross vehicle weight of your Waldoch, add any carried weight, and be aware of the total weight when traveling on roads or bridges with weight limits.***

8. Check clearances on any overhead obstruction like parking ramp entrances, garage doors, low hanging wires, etc.
9. Keep rear windows free of obstruction and make sure rear blinds are open when driving your Waldoch. Factory-installed outside mirrors will help you safely maneuver your vehicle. Consult your chassis manufacturer's owner's manual regarding its operation.

*Thank you for observing these safety tips. They will help ensure the time spent in your Waldoch will be safe and enjoyable for all!*

## Your Waldoch Interior

### SEATING

All Waldoch seats are engineered and tested to provide maximum comfort and safety for you and your passengers. Seats come in a variety of styles and fabrics.

### SEAT ADJUSTMENT

Using the levers detailed below, your seats can be moved forward and back, reclined or swiveled for maximum comfort.

**Move forward and back.** This lever is located underneath the front of each seat. Move the lever and adjust the seat forward or back. Release the lever to lock in place.

**Recline.** This lever is located on the side of the seat, toward the rear. Lift the lever and lean back to adjust to the desired reclining position. Release the lever to lock in place. To return seat to upright position, lift lever and lean forward. The seat will automatically return to the upright position. Release the lever to lock in place.

**Swivel.** The two center seats of most full-size Waldochs have this adjustment. This lever is located on the right side of the seat, toward the front. Lift lever up and forward and rotate the seat to the desired position. Seats lock into place only when facing forward. Front driver & passenger do not swivel.

**Adjustable Arm Rests.** The lever is located on the front of each armrest.

***Note: Seats should be locked in the forward facing position when the van is in motion.***

### POWER SEATS

If your Waldoch is equipped with power seats, the control panel is located on the side or front of each seat.

***Note: Some vehicles come with power driver and passenger bases from the chassis manufacturer power units.***

## Your Waldoch Interior

### QUICK RELEASE

The center seats on most Waldochs are quick release. To remove the two center seats from your Waldoch, follow these steps:

1. Using your passenger restraint Quick Release (found on the upper part of the shoulder harness), release the shoulder harness from the sidewall by lifting tab on the forward side of shoulder belt upper anchor and sliding the belt out of the anchor.
2. Find the Quick Release lever on the outside of the seat pedestal. Press the lever down, allowing you to pull the lock system forward all the way.
3. Tilt the seat backward, then remove it by lifting it up and forward.
4. When removing sofa from van, sofa goes through the side cargo doors.

**Note:** You may require assistance in removing the seat from the vehicle, as it weighs approximately 55 pounds.

5. After removal, re-lock the lock mechanism under the lever to prevent accidental bending.



To reinstall, simply reverse the steps 1, 2 and 3 above.

**Note:** For your safety, please be sure all seats are facing forward and locked securely in place when vehicle is in motion.

### PASSENGER RESTRAINTS

The seat belts and shoulder harnesses in your Waldoch are designed and installed to meet or exceed Federal Motor Vehicle Safety Standards. Passenger restraints on the center seats are equipped with a Quick Release function to be used only for the purpose of removing seats from the vehicle.

**Note:** Car seats should be used for infants and young children. For your safety, please be sure all passengers are buckled in when your Waldoch is in motion. Inflating air bags can seriously injure small children. Small children should always be placed in rear seats.

## Your Waldoch Interior

### SOFA/BED OPERATIONS

Your Waldoch may be equipped with a Drop-Back, Pull-Out or Power Sofa. Convert your sofa to a bed according to the instructions below:

**Drop-Back Sofa.** There are levers on both the right and left sides of the sofa. Pull up on one of the levers and push the sofa back into the fully reclined position. After returning the sofa to an upright position, be sure that the levers and sofa are locked in place.

**Note:** If equipped with headrest, remove headrest and seat belts before dropping sofa back.

**Pull-Out Sofa.** There is a lever at the passenger front of the sofa seat. Push the lever downward to slide the sofa bottom into the fully reclined position. After returning the sofa to the upright position, be sure that the lever is locked in place.

**Power Sofa.** See control panel diagrams for recline and slide switch locations. To move the sofa forward or back (slide), activate and hold the designated switch until you have adjusted the sofa to the desired position. To move the sofa up or down (recline), activate and hold the designated switch until you have adjusted the sofa to the desired position. **Note:** Sofa will only work when key is in off position (ignition key relay).

**Note:** Do not attempt to convert sofas with persons or excessive weight resting on them.

### HEATED SEATS

Your Waldoch may be equipped with heated seats for your comfort.

**Operating Instructions.** After starting your vehicle, flip the seat heater switch to the “on” position. Please note the standard system instructions and the HI-LO system instructions.

**HI-LO System.** The HI-LO system has two “on” positions (no light). The HI “on” position is marked with two bars and the LO “on” position is marked with a single bar. The center position marked (O) is the “off” position. The HI-LO system will automatically shut off after one hour of continuous operation, though the switch is in an “on” position. To restart the system, flip the switch to the “off” position and then back to either “on” position. Interrupting power to the HI-LO system by shutting off the ignition will also reset the timer and the system will again heat for another hour when the ignition is turned back on (assuming the switch is left in one of the “on” positions).

# Your Waldoch Interior

## HEATED SEATS (CONTINUED)

*Depending on the seat heater placement within the seat and the temperature in the vehicle, you should feel gradual warming within one to three minutes.*

**Standard System.** The illuminated switch light indicates the “on” position of the standard system. The switch light will turn off only if the switch is in the “off” position or if your ignition is turned off.

## BED EXTENSIONS

Two different types of bed extensions, either piston/mechanical-mounted or modular, may be included with your Waldoch. Piston/mechanical-mounted extensions are attached directly to the back of your sofa. Modular extension rests on its own four legs, and can be easily removed to provide additional hauling space. *Note: Unzip sofa zipper before reclining sofa.*

*Note: Operate piston/mechanical bed extensions only from the rear doors of your Waldoch. Do not allow persons or excessive weight to be resting on the sofa or bed extension while in operation. This could cause damage to seat and seat motor.*

## ELECTRICAL SYSTEM

Your Waldoch may be equipped with an American Technology System 7000 or System 6000 circuit system.

**Important:** *Your Waldoch may have a special electrical feature. This interior power disable switch is located on the dash. This switch shuts the power on or off to your interior courtesy lights.*

**Operating instructions.** Operation is similar for both System 7000 and System 6000, though System 7000 has added features.

### SYSTEM 6000 CONTROL PANEL

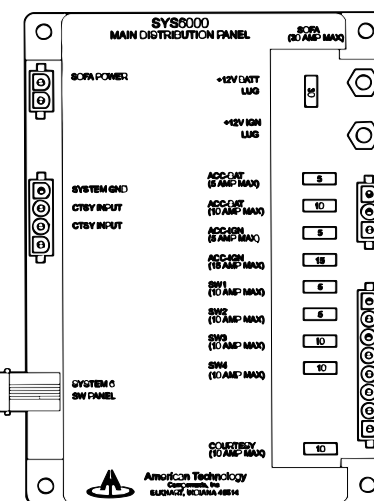
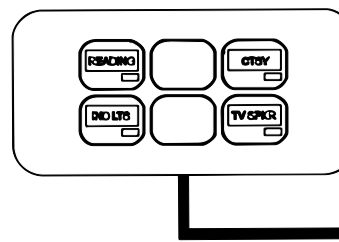
System 6000 provides six switched circuits via front switch panel. Switches are fused 12V outputs. Some features include:

- Up to “4” switched circuits.
- Sofa power output
- Courtesy (factory) delay circuit.
- RJ11 Communication Cable connectors
- Fused courtesy output
- 2 fused ignition outputs
- 2 fused battery outputs
- 4 fused “switched” outputs



# Your Waldoch Interior

System 6000 Switch Panel



System 6000 Central Fuse Panel

### SYSTEM 7000 CONTROL PANEL

System 7000 provides six switched circuits via front and/or rear switch panels. All switches are fused 12V outputs, except the TV SPKR, which is a non-fused TV audio output only. Some features include:

- Up to “6” switched circuits
- Multiple switch panel locations
- Low battery protection
- Dual Function Sofa operation
- Sofa Current Sensing
- Courtesy delay circuit
- RJ11 Communication Cable connectors
- 1 fused courtesy output
- 2 fused ignition outputs
- 2 fused battery outputs
- 6 fused “switched” outputs

**Automatic Interior Light Delay.** System 7000 offers a convenient feature when entering or exiting a vehicle in poorly lighted areas, the automatic interior light delay provides pre-selected interior lighting that will stay on for 20 minutes, provided the CENTER, REAR, AUD/VID, or TV SPKR switches are “on”.

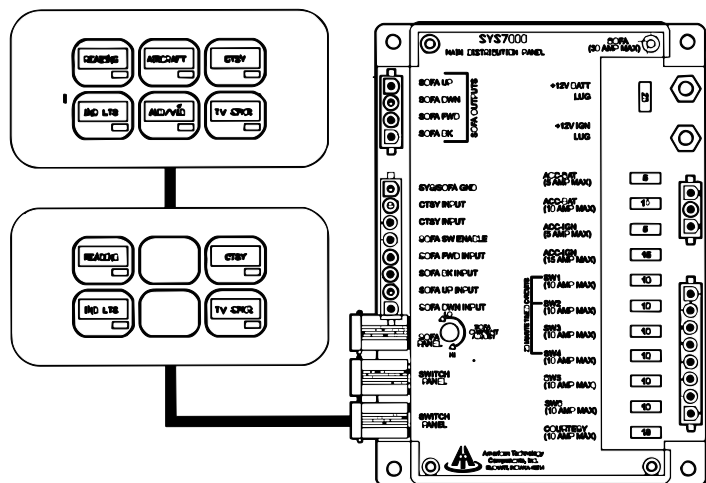
## Your Waldoch Interior

## SYSTEM 7000 (CONTINUED)

**Low Battery Protection.** System 7000 offers a low battery protection. When the battery drains below 12 volts, outputs controlled by all six switches are turned “off”. When the battery drains below 12 volts, Power Sofa circuit is disabled. Outputs 1 through 4 are programmed to remain “on” for 20 minutes after ignition is turned off.



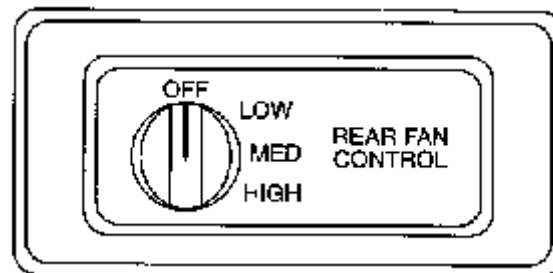
## System 7000 Switch Panel



## System 7000 Central Fuse Panel

## Your Waldoch Interior

**Rear Fan Control.** Your Waldoch may be equipped with a rear fan control. To operate rear fan, turn control knob to the desired fan speed. ***Remember, this control is only operable when dash fan control is in the “on” position or “rear control position”.***



**Door Lock.** To activate the door lock function, push the designated switch to lock and unlock vehicle doors. The door lock is located either in the rear passenger side door or the rear shroud. Most vehicles have a factory supplied rear door lock.

***Note: Do not use any sharp objects or harsh detergents to clean the surface of the switch panels; this may result in damage to the surface or operation of the switches, and void product warranty. Only use a soft, dry cloth to wipe the panel surfaces.***

## FUSE REPLACEMENT

The fuse box for the Waldoch electrical system is located on the wall behind the driver's seat. If your van is equipped with a video cassette player (VCP) mounted behind the driver seat, the fuse is located behind it. If your van is not equipped with a VCP, the fuse is located on the driver's sidewall. See electrical system diagrams for main distribution panels.

## LIGHTING

**Fog and Driving Lights.** Controls for these lights can be found on a separate light switch panel on the front dashboard or control console. Fog lights work only when key is in “on” position. Adjustment of fog lights and driving lights can be done yourself to meet your own driving needs and conditions.

## Your Waldoch Interior

**Aircraft/Center Lights.** These lights are located along the overhead center panel of your Waldoch. See control panel diagrams for switch locations. Center lights can also be operated by their local switches, provided the control panel switch is in the ON position. Push the switch once to activate the desired function; the switch lens will light up to indicate the “on” function. Push the switch again to turn off the function; the lighted switch lens will go off when deactivated.

**Rear Lights.** These lights are located along the overhead center panel at the rear of your Waldoch. See control panel diagrams for switch locations. Rear lights can also be operated by their local switches, provided that the master control panel is in the “on” position.

**Indirect Lights.** Your Waldoch may be equipped with indirect lights under window valances. See control panel diagrams for switch locations.

**Interior Lights Disable Switch.** When off, this switch prevents interior lights from going on when the doors are open. If door(s) will be left open for a long period of time, it should be used to avoid drawing off the van’s battery. The switch is located on the front dash. *Note: GM and Dodge have factory-installed dome override switches.*

### TELEVISION/VIDEO CASSETTE/DVD PLAYER

Your Waldoch may be equipped with a television, video cassette player and/or DVD player, located either in an entertainment console between the front seats or overhead. Both can be operated only if the TV/Radio switch is in the “on” position. See control panel diagram for switch location. Remote controls for the television, videocassette and DVD player are located in owner’s packet. See individual product owner’s manual for details on the operation of your television and video cassette player.

The speaker for the television, videocassette and DVD player is located overhead in the center of the vehicle to provide easy listening to all passengers. The “TV SPKR” button is located on the overhead console for System 7000.

*Note: Television is designed to only work in conjunction with VCP and DVD while a videotape or disc is playing.*

## Your Waldoch Interior

### TELEVISION RECEPTION

The entertainment system in your van is designed primarily for viewing pre-recorded movies or playing video games. Television reception in a moving vehicle will be limited and in some areas will not be possible due to weak and variable signal strength. Television viewing in a stationary vehicle will result in an improvement, but may still be marginal due to strength. The quality of the picture will not be consistent with home TV reception. Reception may be affected by the weather and distance from the TV station.

**To remove the TV, VCP and entertainment console from the van:**

1. Release metal latches on both sides of entertainment console.
2. Unscrew the antenna cable under seat if present.

*Note: Because most antennas are in console, no disconnection is required.*

3. Unplug 12-volt receptacle located under your seat.
4. Unplug speaker wire connection.

To reinstall, simply reverse the above steps.

*Note: Please make sure that the entertainment console is locked securely in place to prevent shifting when your Waldoch van is in motion.*

### GAME READY

Your Waldoch may be equipped with Game Ready. You may add Nintendo, Super Nintendo and SEGA. Contact the Waldoch Custom Centers for additional features.

*Note: If equipped with optional video game, make certain switch is set to TV, not GAME.*

### VACUUM

Your Waldoch may be equipped with a hand-held vacuum either mounted on the right rear wall behind the sofa or stored in one of the rear modular storage compartments. The vacuum can be plugged into any 12-volt receptacle in your Waldoch. See individual product owner’s manual for details on the operation of your hand-held vacuum.

### COMPACT DISC PLAYER

If your conversion is equipped with a compact disc player, it will be mounted in the rear. A lighted display on dash panel controls the CD player. See the CD player manufacturer’s instructions for operations details.



## Your Waldoch Interior

### RADIO

If your Waldoch includes an auxiliary rear radio, it will be mounted on the left sidewall. The rear radio can only be operated if the master control TV/Radio switch is in the "on" position and can only be heard through the rear headphones. See control panel diagram for switch location. See individual product owner's manual for details on the operation of your rear radio.

**Speakers.** Speakers for the factory-installed front radio may be located in the front doors or dash, in the vehicle's midsection, or in the rear. Speakers may be factory-installed.

**Headphones.** Headphone jacks are located behind the center seats on both sides of the van. Two sets of headphones are included. There are separate plugs for TV/VCP and radio headphones. Some Waldoch packages contain wireless headphones.

### ELECTRIC REAR VIEW MIRRORS

Optional mirrors include a compass and outside temperature reading. Controls are on face of mirror housing.

### REAR AIR CONDITIONING AND HEATING CONTROLS

If your Waldoch is equipped with rear A/C and heating controls, they will run off the vehicle's compressor, and the temperature will be regulated through the driver's dash controls. Fan controls are located on the dash and the mid section for the driver's side, between the windows.

#### Rear Heat and Air Unit Operations:

The rear air conditioning system will function with the dash mode control positioned in one of the air conditioning settings. The rear heating system will function to its maximum potential with the dash mode control positioned in the "FLOOR" location. (Verify that the unit is not cool-only; it must be a heat/cool unit.) When the dash mode control is positioned in the "DEFROST" or "FLOOR/DEFROST" mode, the air conditioner continues to cycle and circulate refrigerant throughout the system. The output of rear heat will be moderated in the "DEFROST" or "FLOOR/DEFROST" position.

**Note:** See chassis owner's manual for correct type of refrigerant to use in air conditioning unit and for proper maintenance schedule.

## Your Waldoch Interior

### HOMELINK SYSTEM

Your Waldoch may be equipped with the Homelink System in the driver's visor. This allows you to program various products, including garage doors. See manufacture's owners manual for instructions.

### BAY WINDOW

Your Waldoch may be customized with three way windows. To open, pull latch out and slide panel forward to open screen. Release latch to lock window in place. **Note: Windows may experience some water seepage if impacted by high-pressure sprayers, such as those in a car wash. They are designed to drain via outside vents when this occurs.**

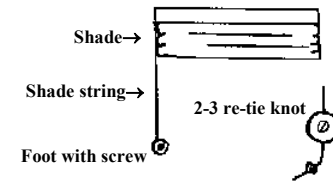
### SHADES

Your Waldoch may be equipped with shades. To operate, gently slide shades up and down. When not in use, shades should be left in the up position to keep folds well creased.

If shade should loosen, follow these instructions to adjust shade string:

There is a round foot with a screw in the middle at the foot of the shade.

1. Unscrew the screw foot.
2. Slide the plastic foot up.
3. Re-tie the knot  $\frac{1}{2}$  to  $\frac{3}{4}$  inches up, making the string tighter.
4. Screw the screw and foot back into place.



**Caution:** These shades are delicate features and should not be used as door handles or for support when entering or exiting your vehicle.

**Note:** In full-size Chevy vans, rear cargo door shades must be kept in the down position when opening and closing the doors.

**Remember:** When contacting Waldoch Crafts for assistance, please refer to the vehicle identification number (VIN) found on the identification tag located on the front passenger door jamb, or on a plate on the left front corner of the dash, visible through the windshield. Include this number in any calls or correspondence involving your Waldoch conversion.

### WALDOCH ACCESSORIES

A Waldoch Catalog is available to purchase and/or to add any accessories. Contact the Waldoch Custom Centers at 1-800-328-9259, 651-464-3215, or visit our web site at [www.waldoch.com](http://www.waldoch.com).

## Interior Care

### SEATS AND FABRIC TRIM

**Cloth Seats and Fabric Trim.** The cloth seats and fabric trim in your Waldoch are both soil and stain resistant – most spills can be removed with a damp cloth when handled in a timely manner. For more serious stains, use a high quality upholstery cleaner.

**Leather Seats.** Genuine leather seats may bear slight striations, grain irregularities or other natural characteristic of leather that enhances its beauty.  
*Note: For vehicles with tilt steering, always tilt the steering wheel all the way up when getting out of your vehicle to prevent excessive wear on the driver's seat.*

*Note: Spray polish should never be used to clean leather seats. These contain silicone and after a period of time will produce an unpleasant sticky surface and may well cause the surface to peel. Never use furniture polish, oil, varnish, shoe polish, ammonia or anything abrasive to clean leather surfaces.*

### PASSENGER RESTRAINTS

If the seat belts or shoulder harnesses in your Waldoch become soiled, they can be cleaned with mild soap and water, using a sponge or brush.

### CARPETING

The carpeting in your Waldoch is stain resistant – most spills can be removed with a damp cloth. For more serious stains, use a high quality carpet cleaner.

### SHADES

Light cleaning of the shades in your Waldoch is best done with the brush attachment of a vacuum. To avoid fraying of the shade strings, use beeswax or a similar product.

## Your Waldoch Exterior

### ROOF RACKS

Your Waldoch may be equipped with an aerodynamic roof rack. There are many accessories available for the aerodynamic rack, including ski, bicycle, and sailboard carriers. Call the Waldoch Custom Centers for more information about ordering these accessories.

*Note: Be sure to check clearance when passing under parking ramp entrances, garage doors, low hanging wires and any overhead obstructions.*

## Your Waldoch Exterior

### RAISED ROOFS

*Note: If your vehicle is equipped with a raised roof option, be sure to check clearance when passing under parking ramp entrances, garage doors, low hanging wires and any overhead obstructions.*

### RUNNING BOARDS

Your conversion may be equipped with aluminum, stainless steel, urethane or fiberglass running boards. When entering or exiting your vehicle, only step tread areas should be used.

*Note: Your Waldoch may be equipped with custom painted running boards that add luxury and style. Extra care may be needed to avoid road damage and debris that may not be covered under warranty.*

### TOWING PACKAGES

Waldoch vans may be equipped for towing. Consult your chassis manufacturer's owner's manual for your vehicle's load rating. Then call the Waldoch Custom Centers for more information about selecting the proper hitch for your vehicle.

### CUSTOM WHEELS AND TIRES

Your Waldoch may be equipped with aftermarket tires and wheels. Check tires for proper pressure. Refer to manufacturer's limited warranty and individual product owner's manual. Re-tighten lug nuts after the first 100 miles. Some lug nuts may have protective caps or require special tools. Familiarize yourself with these prior to use.

## Exterior Care

### CUSTOM WHEEL CARE

We recommend you use mild soap and water or a wheel-cleaning product that is designed for your type of wheel. Follow these tips to maintain custom wheels:

1. First, allow your wheels to cool down before cleaning. Cleaning hot wheels can cause brake dust to stain wheels.
2. Make sure you've selected the right car care products for your vehicle. Read and follow directions carefully.
3. Clean one wheel at a time to prevent cleaner from drying on wheels and becoming difficult to rinse off. Rinse wheels completely.

## Exterior Care

### CUSTOM WHEEL CARE (CONTINUED)

4. Enhance and protect your custom wheels by applying a coat of paste wax after cleaning.
5. For heavy accumulations of road grime, corrosion, etc. use a soft bottle-cleaning type brush to clean custom wheels. Be careful of brushes with hard or stiff bristles – they may scratch the surface.

If you live in areas where road salts are used during winter months, we suggest maintaining your wheels on a more frequent basis during this time. The ingredients in road salt may harm the finish of your wheels if not properly maintained. There are a wide variety of products available through the Waldoch Custom Centers.

*Note: Some aftermarket custom wheels have lug nuts not sized for the manufacturer's lug wrench that the vehicle is equipped with from the factory. In such cases, Waldoch provides the correct lug nut wrench.*

### CUSTOM PAINT AND CUSTOM VINYL GRAPHICS

Waldoch exterior paint and vinyl graphics are applied using the very finest of materials. To keep your Waldoch finish clean and shiny, wash it regularly using a mild automotive detergent. For added protection, you may want to occasionally apply a high quality car wax. Do not use any type of abrasive cleaners on the exterior or your Waldoch – they will scratch the fine finish. If you have additional questions regarding the exterior of your Waldoch, please contact the Waldoch Custom Centers.

*Note: Please wait at least 30 days before applying any finish protection product to the exterior of your Waldoch. We recommend contacting the Waldoch Collision Center for any paint repairs.*

## Trouble Shooting

**Interior courtesy lights do not light.**

1. Make sure disable switch is on.
2. Make sure switch is on at the individual light.
3. Check fuse in fuse board.
4. If lights do not go off, ensure headlight switch is not turned fully to the left.

## Trouble Shooting

**Power sofa does not slide or recline.**

1. Make sure key is in the off position.
2. Check behind and underneath the sofa for items that may be obstructing operation and movement.
3. Check vehicle battery for full charge. If not, slow-charge vehicle battery to full charge.
4. Check fuse in fuse board.

**Rear heat and air conditioning fan will not operate.**

1. Check power switch on dash control panel.
2. Check to make sure factory controls are in the "on" position.

**Rear heat and air conditioning will not heat or cool.**

1. Heating/cooling slide control lever on dash must be at maximum heating or cooling level. Control must be set to floor only.
2. Check coolant level in radiator.
3. Have your dealer check refrigerant charge and thermostat.

**Compact disc player does not play.**

1. Check to make sure cartridge is inserted properly in player.
2. Check to make sure discs are loaded according to manufacturer's manual.
3. Make sure dash radio is turned to FM channel for operation and the power is on.

**Rear radio does not play.**

1. Make sure headphones are operating correctly (see headphone section below).
2. Check fuse in fuse board.
3. Ensure TV/radio switch on control console is in "on" position.

*Note: Rear radio is designed to operate with sound directed only through the headphones. There is no external speaker for this unit. If headphones are plugged directly into the radio, the rear headphone jacks will not function.*

## Trouble Shooting

**Headphones do not work.**

1. Make sure component (rear radio or television) is turned on.
2. Make sure headphone plug is inserted all the way in.
3. Make sure headphones are not plugged directly into radio.
4. Check connections at TV console.
5. Make sure headphone volume control is up.

**No power to entertainment console.**

1. Ensure TV switch on control console is in “on” position.
2. Make sure TV/VCP is connected.
3. Check fuse in fuse board.

**Television or video cassette player cuts out during operation.**

1. Make sure connections are securely fastened.
2. Check to be sure vehicle battery is fully charged. If not, slow-charge vehicle battery to a full charge.

**Video cassette picture does not appear on television**

1. Make sure video cassette is rewound.
2. Make sure video cassette player operating on "play" and power is on.
3. Make sure TV is in "video" mode.

**Remote control units do not work.**

1. Make sure main power is on at the component and overhead control panel.
2. Make sure you are using the correct remote control for the component you are operating.
3. Make sure batteries are inserted properly.

## Notes

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