



PARCAR



2017

**Model
P5-P/L
DC Drive
System**

Eagle

Owner and Operator Manual

Preface

Welcome, and congratulations on your choice of vehicle from ParCar! Your vehicle has been manufactured in full compliance with all applicable American National Standards Institute (ANSI) standards. Your safe use and operation of your vehicle is important to us. Any alteration of your ParCar vehicle that results in the vehicle being in noncompliance with applicable ANSI standards is strictly prohibited. ParCar is not responsible or liable for any damage that results from any such alteration, and all warranties for any such altered vehicles are null and void.

Personal Transport Vehicles (PTV) are not designed for over-the-road use. They do not conform to Federal Motor Vehicle Safety Standards or EPA regulations, and are not equipped for operation on public streets, roads, or highways.

Low Speed Vehicles (LSV) commonly referred to as NEV or Neighborhood Electric Vehicles meet the requirements of the National Highway Traffic & Safety Administration (NHTSA) as stated in the Code of Federal Regulations, Title 49, Part 571, Standard 500, Low Speed Vehicles.

To the best knowledge of ParCar the material contained herein is accurate as of the date this publication was approved for printing. ParCar is not liable for errors in this manual or for incidental or consequential damages that result from the use of the material in this manual. ParCar reserves the right to change specifications, equipment or designs at any time without notice and without incurring obligation.

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This manual provides important safety information, operating instructions, model specifications and maintenance instructions for electric vehicles. It should be read completely before attempting to drive or service the vehicle. Failure to follow the instructions in this manual could result in property damage, severe personal injury, or death.

The information in this manual is limited to care and maintenance information only. Information covering repairs is provided in detailed service manuals available from ParCar dealers. Such major repairs require the attention of a skilled technician and the use of special tools and equipment. Your ParCar dealer has the facilities, experience and genuine ParCar vehicle parts and accessories to properly service ParCar vehicles.

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SAFETY MESSAGES

Safety messages and other information in this manual are preceded by the words **DANGER**, **WARNING**, **CAUTION** or **NOTICE**. They are printed in bold face, and are very important. We recommend you take special notice of this information.

DANGER

Danger indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Warning indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Caution indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE: Notices are messages not related to personal injury. They will provide key information to prevent property damage and to assure procedures are more easily understood or implemented.

VEHICLE IDENTIFICATION NUMBER – PERSONAL TRANSPORT VEHICLES (P5-P)

Each PTV vehicle contains a unique Vehicle Identification Number (VIN) label. The VIN describes facts and features of the vehicle and contains fourteen (14) digits. Figure 1 is an example of a VIN label. VIN labels can be found in several locations on the vehicle. One location will be under the steering wheel cover as shown in Figure 2. Access to this location is by removing the three screws holding the cover in place. Another location is in the glove box area as shown in Figure 3.

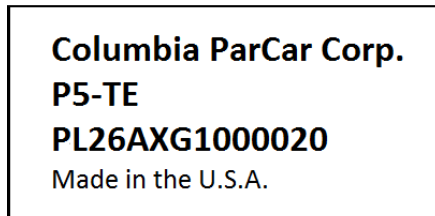


FIGURE 1



FIGURE 2



FIGURE 3

VIN MATRIX Personal Transport Vehicle (PVT)

Digit 1: Line	P = ParCar
Digit 2: Model	L = P5 Eagle
Digit 3: Body Type	2 = 2 Person / 4 = 4 Person
Digit 4: Power System	6 = DC Electric / 8 = AC Electric
Digit 5: Restraint	A = Two Point Seat Belt Assembly B = Three Point Seat Belt Assembly
Digit 6: Check Digit	Calculated per 49 CFR 565.4
Digit 7: Model Year	H = 2017 / J = 2018 / etc...
Digit 8: Plant Location	1 = Wisconsin
Digit 9-14: Sequential Numbers	000001 - 999999

VEHICLE IDENTIFICATION NUMBER LOW SPEED VEHICLES

The VIN is printed on a white label, affixed to the top of the dash and affixed to the steering wheel under the steering wheel cover (Figure 2). The VIN is also noted on the LSV VIN Label as seen below, affixed to the bottom of the front hood area.

MFD BY: COLUMBIA PARCAR CORP
REEDSBURG, WI 53959, USA
DATE MFD: / MM/YY
GVWR: KG (LBS)
GAWR: FRONT - KG (LBS)
GAWR: REAR - KG (LBS)
TIRE SIZE: / (SIZE SPEC)
COLD INF. PRESSURE (FRONT & REAR)
KPA (PSI)
RIMS: X
MAXIMUM LOAD: KG (LBS)
OCCUPANTS: (FRONT REAR)
THIS VEHICLE CONFORMS TO ALL
APPLICABLE FEDERAL MOTOR VEHICLE
SAFETY STANDARDS IN EFFECT ON THE
DATE OF MANUFACTURE SHOWN ABOVE.
VIN:
TYPE: LOW SPEED VEHICLE

VIN MATRIX Low Speed Vehicle (LSV)

Digit 1 thru 3: Manufacturer Identification	5FC = CPC
Digit 4: Line	P = ParCar
Digit 5: Model	L = P5 Eagle
Digit 6: Body Type	2 = 2 Person / 4 = 4 Person
Digit 7: Power System	6 = DC Electric / 8 = AC Electric
Digit 8: Restraint	A = Two Point Seat Belt Assembly B = Three Point Seat Belt Assembly
Digit 9: Check Digit	Calculated per 49 CFR 565.4
Digit 10: Model Year	H = 2017 / J = 2018 / etc...
Digit 11: Plant Location	1 = Wisconsin
Digit 12-17: Sequential Numbers	000001 - 999999

VEHICLE SPECIFICATIONS

ITEM	SPECIFICATION
Motor	48 volt, 15.3 hp @ 1750 rpm
Drive	Direct coupled to oil bath, helical geared, rear axle
Rear Axle	10.35:1 helical gear reduction with integral differential
Charger	Built in, micro-processor control, fully sealed, anti-drive away interlock, 110V AC, 50/60 Hz
Directional Control	Center located rotary switch with FL (Forward Low), FH (Forward High), R (reverse) and N (neutral)

ITEM	SPECIFICATION
Steering	Automotive rack and pinion.
Tire PSI	32 psi 215/50-13 30 psi 205/50-10
Battery Deep Cycle	48 Volt: 8 - 6 volt, heavy duty, 232 Ah
Speed Control	Programmable, solid state, reduced speed reverse with diagnostic LED and calibrator interface
Brakes	Spring applied, auto-adjusting mechanical drum on rear wheels, foot operated parking brake

NOTICE: Always provide the complete VIN when contacting your dealer for technical assistance or maintenance and repair parts.

For your own personal reference, fill in the VIN for your vehicle in the space provided below:

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GETTING STARTED

For personal safety before operating the vehicle, it is the operator's responsibility to read, understand and follow the basic rules of operation and maintenance instructions in this manual. If you are responsible for the use of the vehicle, it is your responsibility to inform the person or persons using the vehicle about the following basic rules of operation for their personal safety.

It is ParCar's specific recommendation that the following warnings must be observed at all times. Not all are repeated throughout this manual, but the recommendations included must be observed whenever these subjects (vehicle operation hazards, battery hazards, etc.) are encountered.

Be a safe operator. Electric vehicles are only as safe as the person who is at the controls. If accidents are to be prevented, and they most certainly can be prevented, operators must accept their full measure of responsibility. While the designer, the manufacturer and the safety engineer can help minimize the possibility of an accident, their combined efforts can be erased by a single careless act.

SAFETY GUIDELINES

Observe the following guidelines for safe operation.

- Define where vehicles may be driven.
- Define who should be allowed to drive the vehicle.
- Instruct first-time drivers.
- Maintain vehicles in a safe driving condition.
- Enforce safe-driving rules.

VEHICLE SAFETY STATEMENTS

⚠ DANGER

This vehicle will not provide protection from lightning, flying objects, or other storm related hazards. If driving the vehicle in a storm, leave the vehicle and take shelter as per safety guidelines for your location.

Any modifications or changes to the vehicle that affect the stability, steering or that results in increased speed beyond factory specifications could result in vehicle damage, severe personal injury or death.

⚠ CAUTION

When replacement parts are required, use only genuine ParCar vehicle parts.

No modifications or additions, which affect the mechanical or electrical integrity and the safe operation of the unit, shall be made without the written approval of the manufacturer. If in doubt about any modification, contact your local ParCar dealer or ParCar customer service.

⚠ WARNING

For personal safety and to maintain stability and control, operate this vehicle under these conditions only. Failure to comply with these warnings may result in bodily injury and property damage. These basic rules of operation, combined with courtesy and common sense, will help make driving your Columbia vehicle a safe and pleasant experience.

All vehicles should only be operated from the driver's side by authorized persons.

Never exceed the capacity ratings of the vehicle. Exceeding these limits may endanger occupants.

Personal injury may result if body parts (arms, head, and legs) are not kept inside vehicle while moving. Do not start moving until all occupants are seated. Remain seated and hold on while vehicle is in motion.

Before leaving your seat, completely stop vehicle and engage parking brake. If vehicle is to be left unattended, turn keyswitch to "OFF" and remove key.

Do not use accelerator to hold vehicle on an incline, instead use service brake pedal.

Make sure directional switch is in position for the desired direction of travel before depressing the accelerator. Do not change the directional switch while vehicle is moving.

Drive slowly in turns and up or down grades. Do not make turns on steep hills or inclines.

Do not operate while under the influence of alcohol or drugs.

Personal Transportation Vehicles are not Federal or State DOT approved and are not equipped to be operated on public roads or highways.

To avoid the risk of injury or vehicle damage, operate at maximum speed only on smooth flat surfaces.

Allow additional stopping distance when traveling at higher speeds.

Follow all procedures exactly and observe all safety messages stated in this manual.

Working on vehicles without following proper procedures and using proper equipment may result in vehicle damage or personal injury.

Do not attempt to service hot motor or components. Failure to observe this warning could result in severe burns.

Always wear safety glasses or approved eye protection while servicing vehicle.

Failure to maintain vehicle properly could result in decreased vehicle performance, reliability or cause severe personal injury.

IMPORTANT FIRST STEP

Upon initial delivery, it is very important that the battery pack is properly charged. This is required if the vehicle is to be stored for later use or is to be used immediately.

- Check that the batteries are not damaged or leaking and that connections are tight.

NOTICE: The following information does NOT apply to sealed batteries.

- Remove the battery vent caps and inspect each cell for proper electrolyte level. The battery manifold assemblies on vehicles with a single point watering system will require a $\frac{1}{4}$ counterclockwise turn to be removed for this inspection.
- If the electrolyte level is below the plates add only enough water to cover the plates.

NOTICE: Do not overfill a cell. Electrolyte expands and can overflow during charging.

- With the electrolyte level correct, use the on board charger to charge the batteries. Charging is complete when the remote LED is steady green.
- Vehicles without a single point watering system, after charging, refill cells to below the bottom of each cell vent.
- Vehicles with a single point watering system will require completion of 4 to 5 charge cycles before watering.

NOTICE: If the vehicle is not going to be used the charger can remain connected to an AC source. It has the capability to test and recharge the battery pack during storage.

INSPECTING THE VEHICLE

After battery charging, perform an inspection of the vehicle to ensure that it is in safe proper working order.

Examine the contents of all packages and accessories that may have come in separate packages with this vehicle. Make sure everything listed on the packing slip is there. Items should not be broken or damaged.

Examine any visible wiring for obvious signs of damage. Check that all connections are secure.

Inspect the tires for obvious wear or damage. Check for proper tire inflation (32 psi recommended). Make sure that all wheel lugs are secure.

Check the body, seats, trim and other external parts for obvious damage. Look for body damage, jagged edges etc. that may cause personal injury.

Operate each of the following controls before turning on the power keyswitch.

- Accelerator Pedal for smooth operation.
- Braking Pedal, assure presence of a firm pedal with minimal travel.
- Check steering for responsiveness and minimal play.
- Key can only be removed when keyswitch is in the "OFF" position.

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NOTICE: Each control should operate smoothly and easily without sticking or requiring excessive effort.

Check that the directional selector operates properly, the horn works and the warning buzzer sounds in reverse.

If vehicle has just been delivered, report any physical damage or missing items to the shipping company or your local Columbia Dealer.

Report any battery or service issue problems to the individual(s) responsible for correction and/or repair or contact your local Columbia Dealer for service.

⚠ DANGER

If any problems are found, do not operate vehicle until repairs are made. Failure to make necessary repairs could result in fire, severe personal injury, property damage or death. Consult your local Columbia Dealer for professional service.

VEHICLE CONTROLS

KEYSWITCH

This is a five position automotive type switch and is located on the right side of the steering column. The first key position is OFF and is marked S. The second is an accessory position marked A which is not used. The third position is not marked and is not a key stop. It is not used. The fourth position marked M is the ON and powers up the vehicle. The last position marked D is not used. If the key is rotated to this position the vehicle power will be reset.

Turning the keyswitch to OFF is highly recommended whenever vehicle is not in use. Always remove the key out from the keyswitch when leaving the vehicle.



DIRECTION SELECTOR

Selector is located between the seats. In the middle position the vehicle's direction signal is turned OFF or in neutral. Turning the selector to the right from the middle position moves the vehicle in forward direction (high & low speeds). Turning the direction selector to the left moves the vehicle in the reverse direction. A warning buzzer sounds when in reverse.



TURN SIGNAL/LIGHTS/HORN SWITCH

The horn is activated by pushing in the button at the lever (A.). Moving lever up or down will activate the turn signals. A green light on the dash will flash indicating the turning direction. The headlights and taillights are activated by a three position selector (B). OFF is the bottom position, middle activates the parking and tail lights, and the upper position activates the headlights. High and low beams are selected by pulling back on the lever.



WINDSHIELD WIPER/WASHER

Wiper switch is located on the right side of the steering console. Wipers have four up positions:

- 3 High Speed
- 2 Slow Speed
- 1 Off
- 0 Off



Pulling lever towards you activates the washer fluid. Pushing the switch down activated a “quick” wipe. The fluid reservoir is located under the front hood.



NOTICE: To avoid scratching the windshield always apply fluid before wiping.

PARKING BRAKE

Shown is the parking brake pedal. To engage pedal, press on service brake pedal until completely lowered, then roll foot to press down simultaneously on the left raised portion of the upper pedal section.

Always apply the parking brake when leaving the vehicle. It should be firmly pressed and locked to prevent the vehicle from rolling. It remains applied until released automatically by pressing the accelerator pedal.



STEERING WHEEL

The steering wheel controls the path of the vehicle exactly the same as a conventional automobile wheel.

ACCELERATOR PEDAL

The accelerator pedal controls the speed of the vehicle in the same manner as a conventional automobile, and is located to the right of the brake pedal. The pedal should be fully released when changing directions.



HAZARD WARNING SWITCH

The hazard warning toggle switch is located on the top of the steering column.



BATTERY STATE OF CHARGE METER

This meter will display the battery state of charge. It is an analog meter with an indicating needle and a colored background. It is a continuously reading meter. At rest with fully charged batteries the meter should read in the right white region.

When accelerating quickly, the needle will move to the left green region near the very far left red region. This is normal. If the needle continues past the green region into the very far left red region, it indicates that the batteries are 80% discharged or near "empty" (only 20% charge remaining). Recharge as soon as possible to avoid a shut-down of the vehicle.

When decreasing speed, the needle will move to the right as electrical energy is being "regenerated" back into the batteries.



HOURLY METER INDICATOR

The hour meter, if equipped, indicates the total number of hours the vehicle has been operating. The hour meter is usually mounted on the right side of the dash panel.



FUSE BLOCK - 12V ELECTRICAL CIRCUIT

A fuse block protecting the 12V electrical circuits of the vehicle is located under the hood. This system runs the accessories (wiper/washer, dome, etc.). The fuse block has a snap off cover for access to the fuses.

12 Volt Fuse Descriptions			
#	Amps	Color	Circuit
H	N/A	N/A	Trailer Option
G	5A	Orange	Dome Lamp
F	1A	Gray	Parking Brake Light
E	5A	Orange	Speed Sensor
D	15A	Blue	Lighting
C	5A	Orange	Display Panel
B	10A	Red	Wiper/Washer
A	10A	Red	12V Acc. Outlet



NOTICE: If fuses continue to blow and require replacement, have your Columbia Dealer check the electrical circuit.

FUSE BLOCK - 48V ELECTRICAL CIRCUIT

A fuse block protecting the 48V electrical circuits (horn, etc.) of the vehicle is located attached to the top of the controller box assembly. The fuse block has a snap off cover for access to the fuses.

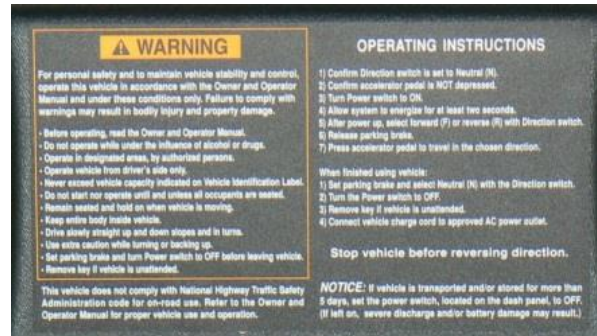
48 Volt Fuse Descriptions			
#	Amps	Color	Circuit
*	1A	Gray	Key Switch
A	5A	Orange	Strobe
B	5A	Orange	Horn
C	5A	Orange	L.A.D.
D	10A	Red	Controller
E	10A	Red	DC Converter #1
F	10A	Red	DC Converter #2



NOTICE: If fuses continue to blow and require replacement, have your Columbia Dealer check the electrical circuit.

WARNINGS & OPERATING INSTRUCTION

Read this information carefully before operating the vehicle. Promptly replace if removed or damaged. Contact your ParCar dealer for replacements if needed.



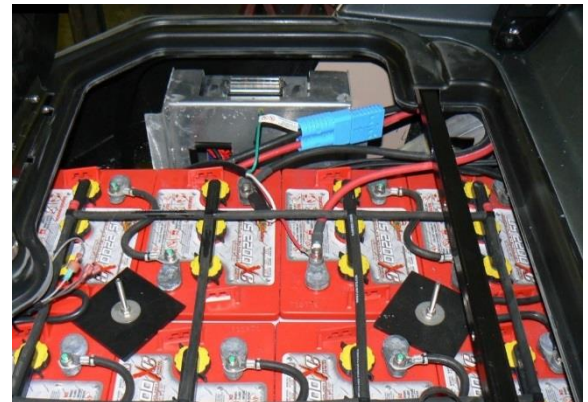
SYSTEM STATUS LIGHT

With the power keyswitch in the “ON” position, the controller is powered on and this should display a steady green light to the left of the Battery Meter. If this green status light is not lit or is flashing refer section later in manual for troubleshooting assistance, or contact dealer.



BATTERY ACCESS

Batteries are located beneath the front seats. Before performing vehicle service, power down the vehicle with key, and remove power from electrical system using the blue quick disconnect between the battery pack and the controller assembly.



MOTOR ACCESS

In the rear bag well area, there is a motor access panel held in place with 6 screws. Additional component access is under the front hood and beneath the vehicle.



IMPORTANT BATTERY INFORMATION

The type of battery used in a Columbia vehicle has a service requirement which is quite different from that of an automotive battery.

The electric vehicle battery supplies all of the power to drive the vehicle. During operation the power stored in the batteries is expended. While the amperage drain rate can vary greatly depending on the type of service, the duration of use and the number of "starts" and "stops" made during a day, the batteries nevertheless progress through each duty cycle from "fully charged" to an almost depleted state.

This type of service is known as "deep cycle" service and electric vehicle batteries are specifically designed to handle this type of service. Proper performance of your Columbia vehicle can only be obtained from specified deep cycle, electric vehicle batteries.

PLEASE REVIEW IMPORTANT DANGER, AND WARNING STATEMENTS WHEN WORKING AROUND BATTERIES AND CHARGING SYSTEMS!

DRIVING THE VEHICLE

- Complete the following PRE-OPERATION CHECKLIST.
- Fasten seat belts (if vehicle is so equipped).
- Insert key in power keyswitch, press brake pedal firmly, and turn key to "ON" position.
- Switch the direction selector to the direction of desired travel.
- Release the parking brake and brake pedal.
- Slowly press accelerator pedal to obtain desired vehicle speed.
- To slow or stop vehicle, remove foot from accelerator and press brake pedal.

PRE-OPERATION CHECKLIST

⚠ CAUTION

Should any item malfunction or need adjustment, do not operate vehicle until the problem has been corrected.

ITEM	PROCEDURE
Batteries	Fully charged or adequately charged to provide power for duration of operations.
	The AC cord is disconnected from the vehicle.
	Electrolyte level in each cell covers the top of cell plates. See Page 16, Single Point Battery Watering System. (Does not apply to sealed batteries)
	Batteries are secure and free of corrosion.
	All terminals and connections are tight. Torque connections to 100 in. lbs.
Tire Pressure	32 psi for 215/50-13 tires 30 psi for 205/50-10 tires
Lights, Horn and Reverse Buzzer	Head, tail and brake lights illuminate.
	Press horn button to sound horn.
	Reverse buzzer sounds.
Brakes	Brake pedal has firm pedal pressure with minimal travel.
	Parking brake has proper engagement and release.
Steering	Responsiveness and the absence of excessive free play.
Cargo	Load is secure, balanced and not top heavy.
Obstacles	Path of intended travel is free from obstructions.
Seat Belts	If equipped, driver and passenger are secured by seatbelts before moving vehicle.
Labels	All warning and operation labels in place.
Accelerator	Check for smooth operation.

BATTERY INSPECTION & MAINTENANCE

⚠ DANGER

Battery acid is poisonous and can cause severe burns. Avoid contact with skin, eyes, or clothing.

ANTIDOTES:

EXTERNAL: Flush with water. Call a physician immediately.

INTERNAL: Drink large quantities of milk or water. Follow with milk of magnesia or vegetable oil. Call a physician immediately.

EYES: Flush with water for fifteen minutes. Call physician immediately.

⚠ DANGER

Always remove key and disconnect battery pack before servicing or repairing the vehicle. See BATTERY DISCONNECT METHOD.

Always wear full-face shield when working on or near batteries.

All batteries used in electric vehicles can explode! Batteries produce explosive hydrogen gas at all times, especially, during charging or discharging. Ventilate area when charging batteries.

Do not attempt to charge a battery if it is frozen, or if the case is bulged excessively. Frozen batteries can explode! Properly dispose of the battery.

Do not smoke around batteries. Keep sparks and flames away from batteries and the charging area. Use care to prevent an accidental arc which could cause an explosion. Use only approved insulated tools, remove jewelry such as rings, watches, chains etc. and place an insulating material (wood, plastic, rubber etc.) over all battery connections.

Never add acid to a battery.

⚠ WARNING

To reduce the risk of electrical shock or injury:

Do not use an ungrounded two to three-prong adapter to connect the charger to a two-prong outlet or extension cord.

The battery charger must be properly grounded. Use a three prong No. 12 AWG heavy duty power cord no more than 50 feet long.

Locate all cords so that they will not be stepped on, tripped on, or otherwise damaged. Immediately replace worn, cut, or damaged power cords or wires.

Do not connect the power cord near fuels, grain dust, solvents, thinners, or other flammables. The spark can ignite flammable materials and vapors

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BATTERY INSPECTION & MAINTENANCE (Continued)

NOTICE: Automotive batteries should never be used for "deep cycle" application, as their useful life will be very short.

Damaged or corroded battery terminals should be replaced or cleaned as necessary. Failure to do so may cause overheating during operation. Torque connections to 100 in. lbs.

Do not attempt to recharge batteries with a charger not designed for your vehicle.

Only trained technicians should service the charger. Contact your Columbia Dealer for assistance.

Install surge arrestors on incoming AC power lines. Surge arrestors will help protect electrical/electronic components in the charger and vehicle from all but direct or "close proximity" lightning strikes.

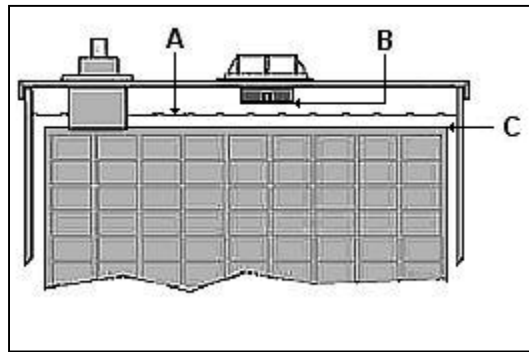
1. Be sure battery hold downs are properly tightened. A loose hold down may allow the battery to become damaged from vibration or jarring. A hold down that is too tight may buckle or crack the battery case.
2. Weekly inspect battery posts, clamps and cables for breakage, loose connections and corrosion. Replace any that are damaged. Batteries and connections must be clean and dry. Torque connections to 100 in. lbs.
3. Weekly an equalization charge is to be applied to the battery pack. This process balances the electrical charge in the battery pack and will extend battery life. The following procedure is used to complete this.
 - Charge the battery pack allowing the charger to go to green 100% charge.
 - Once the green LED lights unplug the power cord.
 - Wait approximately 30 seconds. Reconnect the power cord and allow the charger to complete a second charge cycle.
 - If the vehicle is not to be used, leave power cord connected. The on-board charger can test and recharge as needed.

BATTERY CLEANING

Acid-soaked debris on the battery terminal connections will cause current leakage, reduces battery efficiency, and battery life.

Hose wash battery terminal connections periodically with clean low-pressure water to keep them free of acid spillage, dirt, and other debris. Do not hose wash electronic controllers, switches, solenoids and other electrical control devices. Cover as necessary to prevent splashing. Clean battery terminal connections with baking soda (sodium bicarbonate) and water solution. Mix 5 teaspoons baking soda per quart of water. Use a stiff bristle brush, rinse with clean water and dry with a clean cloth. Torque connections to 100 in. lbs

NOTICE: The following information does NOT apply to sealed batteries.



1. Check the electrolyte level on new batteries before they are put into service, and, at a minimum, once a week thereafter. Water use increases as batteries age. If the vehicle is equipped with a Single Point Battery Watering System see the information on this in this section.
2. Never allow the electrolyte level (A) to fall below the top of the plates (C). If the plates are exposed, add only enough to cover the plates before charging.
3. After batteries are fully charged, fill cells to just below the bottom of the cell vents (B), approximately 1/8" to 1/4". Electrolyte level should not touch the bottom of the cell vents.
4. Do not overfill batteries. Electrolyte expands and can overflow during charging. Water added to replace the spillage dilutes the electrolyte and reduces its specific gravity.
5. Use only distilled water. Vehicle batteries may use up to 16 quarts of water during their useful life and non-distilled water may contain harmful minerals which will have a cumulative adverse effect on battery performance and life.
6. Check to see that battery cap vent holes are clear. Plugged vent holes will not permit gas to escape from the cell and could result in battery damage. Check that all vent caps are tightly in place. Do not allow water or cleaning solution to enter cap vent holes.

NOTICE: Follow local ordinances and codes for proper disposal of battery cleaning waste.

CONDITIONS WHICH AFFECT CHARGING

Always schedule enough charging time so the charger attains the 100% level. Charging time is affected by age and battery condition, state of discharge, electrolyte temperature, AC line voltage, and other variables. Correct charging methods extend battery life and vehicle range between charges. If vehicle is used only occasionally, a refresher charge should be given prior to using.

New batteries need up to four hours more charging than “mature” batteries. Before the first use, completely charge new batteries. Charging time will vary based on conditions noted above but will probably be 12 hours.

Limit new batteries use between charges for the first 25 – 50 cycles. New batteries have less capacity than seasoned batteries. New batteries should not be discharged more the 20 – 30% before recharging. This will prevent premature battery failure.

Battery efficiency is affected by temperature. If the temperature of the outside air and/or batteries is below 60° F, battery capacity is reduced. Batteries will require more frequent and longer charge periods in early spring, fall and winter.

As batteries age, they finish charge at progressively higher charge rates and tend to use more distilled water. At this point in battery age, charger will automatically begin reducing charge time.

Batteries found defective must be replaced. All batteries in a vehicle should be matched according to age, capacity and brand.

BATTERY CHARGING

The charger receptacle is located on the left side of the vehicle near the driver’s position. The AC cord is plugged in here for battery charging. The charger is inter-locked with the traction control system which powers down the vehicle during charging. Near the receptacle is a remote LED which will indicate the battery charge status.

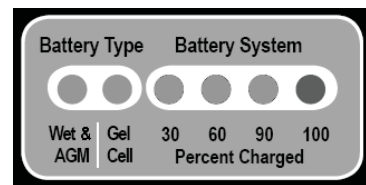
Always apply the parking brake when charging.

All current production ParCar electric vehicles are built with new solid state on-board, fully automatic high-frequency, programmable battery charger as standard equipment.

When your battery charging system is activated, the battery status indicator provides charging information utilizing five red LED indicators and one green LED indicator.

Battery Type Indicators

Two amber LED indicators are provided in order to display what type of battery the charger has been programmed to charge. **NOTE:** For information on reconfiguring the battery type, please contact ParCar technical support.



BATTERY CHARGING (Continued)

Battery System Percent Charged Indicators

Four LED indicators are provided in order to display the progress of the charge cycle in percentage of charge.

Indications are as follows:

1ST AMBER LED.....Illuminated configured for Wet Cell and **AGM*** batteries

2ND AMBER LEDIlluminated configured for Gel Cell batteries

1ST RED LED.....Charging - Initial Charging Up To 30%

2ND & 3RD RED LEDSCharging - 60% Complete

1ST, 2ND & 3RD RED LEDS Charging - 90% Complete

BLINKING GREEN LED.....Finishing Stage (Note: Battery Type Indicator will also blink during this stage)

STEADY GREEN LED.....Charge Complete –Float/Maintenance Mode-On for 5 min. and off for 60 min.

The green LED is illuminated whenever the charge cycle has terminated and the internal circuitry has determined the batteries to be fully charged. The green LED will blink during the finishing stage of the charge cycle. After the completion of the charge cycle, the green LED will remain on steady during the float-maintenance stage.

During this final stage current is only flowing to the battery system for 5 minutes and then current will stop completely for 60 minutes. Your system provides an equalization stage every 30 days while plugged in. If the charger is normally disconnected from A/C after completing charge, equalization can be accomplished by plugging back into A/C whenever this stage is desired. Battery manufacturers recommend that equalization is done once a month in order to further reduce sulfation on the lead plates of a battery, which helps promote longer battery life.

NOTICE: During this process the LEDs will go through their normal routine (Red LEDs counting up for % of charge along with the illuminated Red LED Battery Type and then the Green LED and Red Battery Type LED will blink) until the unit returns to the maintenance mode and a steady Green LED and steady Red Battery Type LED. (Not applicable to Gel Profile).

TROUBLESHOOTING CHARGING SYSTEM

PROBLEM: No LED indicators illuminated on battery status indicator.

Solution Sequence:

1. Confirm that current is being delivered to the charger. Use a meter or test light to check the AC power supply from its source through all connecting points up to the charger.
2. Check that the AC circuit breaker (on front of the unit) is depressed.
3. Contact ParCar dealer for further assistance.

PROBLEM: The charge status indicator changes rapidly back and forth from red to green or the green LED will not illuminate after excessive charging time (24 hours or more).

Solution Sequence:

1. Disconnect AC power from the charging system. This indication may signify a possible battery problem.
2. Contact ParCar dealer for further assistance.

PROBLEM: A green LED was illuminated before disconnecting the power from the charger, but upon reconnection, red LEDs appear and remain on.

This is the normal operating procedure for the system. It indicates that a reanalysis of the battery status was initiated and after a series of steps the green LED will illuminate.

LED FAULT CODE INDICATIONS Charging System

The microprocessor is constantly monitoring the charger circuitry and will both detect and display blinking LED indications if a fault is detected. The battery type LED will be **OFF** during a fault code condition.

30% RED LED BLINKINGNO BATTERY DETECTED

This indication occurs whenever the charger circuitry cannot detect a battery. The charger circuitry will not allow charge current to flow under this condition. With the AC power supply cord unplugged, check the connection to the batteries for proper polarity (black wire to negative or -). Also check for corrosion free secure connections to the battery.

30 & 60% RED LEDs BLINKINGFORMING STAGE TIMEOUT SHUTDOWN

This indication occurs if the battery voltage has not risen above 1.75 volts per cell within the first 3 hours of charging. This indicates that a possible battery problem exists and that the charge cycle has been terminated at this point.

30, 60 & 90% RED LEDs BLINKING.....OVERALL TIMER SHUTDOWN

This indication occurs if the charger has not completed the charge cycle within the allowable factory set time period. This indicates that a possible battery problem exists and that the charge cycle has been terminated at this point.

TROUBLESHOOTING CHARGING SYSTEM (Continued)

30 & 90% RED LEDs BLINKINGINTERNAL OVERTEMP SHUTDOWN

This indication occurs if the charger circuitry has detected operating temperatures inside the charger enclosure that are above factory specified levels. This could indicate that a possible charger problem exists and that the charge cycle has been terminated.

30% RED & 100% GREEN LEDs BLINKING BULK STAGE SHUTDOWN

This indication occurs if the battery voltage does not rise properly during the Bulk Stage. This indicates that a possible battery problem exists and that the charge cycle has been terminated at this point. Please call ParCar technical support for further assistance.

NOTICE: Disconnecting and reconnecting the AC power supply cord will reset the charger.

EXCESSIVELY DISCHARGED BATTERIES

NOTICE: Your ParCar dealer will have the equipment and experience to perform the following battery inspections.

The charger will not charge completely dead batteries. First establish that none of the batteries have an internal fault or bad cell. If a battery has remained too long in a discharged state (i.e. 2-4 volts each), it may be internally damaged and not capable of accepting a charge and must be replaced.

If the electrolyte Specific Gravity is low (less than 1.1098 SG) or individual battery voltage is less than 5.25 volts for three cells (10.5 volts for six cells), recharge each battery with an ordinary automotive style trickle charger at a rate of 3 to 6 amps.

It is not necessary to disconnect the battery cables, as the alligator style clips can be connected to each positive and negative battery post. Follow specific charger instructions.

⚠ DANGER

To prevent a spark from igniting the gas emitted from the batteries, always disconnect the charger AC power cord first when moving the positive/negative alligator clips.

Be sure to charge all of the batteries in the set. Each battery may require two to three hours of charging to bring it back to serviceable condition. After all batteries have been individually charged, remove the automotive charger and restart charging with the on-board charger. It may require several 8-12 hour cycles for bring severely discharged batteries back to 100% charged condition. If again the charger has the RED FAULT LED flashing there is a problem with one or more of the batteries.

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TIPS FOR PROLONGING BATTERY LIFE

NOTICE: A common misconception is Deep Cycle Batteries develop a memory, lose capacity, or must be discharged until the BDI warning flashes and then recharged. Deep Cycle Wet Lead Acid Batteries are not like cell phone NiCad Batteries. Deep Cycle Batteries benefit from frequent charging and being maintained at as close as possible to a 100% state of charge. Plugging in the on-board charger overnight or when the vehicle is not in use for 3-5 or more days is encouraged.

- Recharge batteries as soon as they become 20% or more discharged (less than 1.238 sp. gr.).
- Make it a regular habit to plug in the charger when the vehicle is not in use. Batteries may be recharged if vehicle has been driven 15 minutes or more since the previous charge.
- Make sure your electrical outlet is operational.
- Never go below 20% state of charge (or 80% discharged) without recharging immediately. Allow 14 – 16 hours of charging.
- Batteries will provide a longer life if not deeply discharged. Batteries that are regularly deeply discharged will require more work by the charger and will have a shorter life.
- For non-sealed batteries, make it a regular habit to check (and water) your batteries after charging. Always add the distilled water after charging. This will reduce the chance for overflow due to expanding water.
- Weekly equalize the battery pack.
- If the vehicle is not operated daily the Power keyswitch should be turned off. This will power down the traction control system and reduces power loss on the batteries.
- Batteries in storage may self discharge and should be recharged when the specific gravity falls below 1.238 sp. gr. or individual battery voltage is less than 5.25 volts for three cells (10.5 volts for six cells).

BATTERY REMOVAL & INSTALLATION

- Remove battery negative (-) cables and then battery positive (+) cables.
- Remove battery hold down.
- Remove batteries from vehicle.
- To install batteries, reverse the removal procedure with the negative (-) cables being attached last. Torque connections to 100 in. lbs.

SINGLE POINT BATTERY WATERING SYSTEM (If equipped)

NOTICE: The following information does NOT apply to sealed batteries

This is a single point watering system for maintaining a sufficient electrolyte level in the batteries.

NOTICE: Do not operate this system on brand new batteries. See **FIRST STEP** for the initial check on the electrolyte level of new batteries. Complete 4 to 5 charge cycles before using the system.

System is to be used only after fully charging the batteries and batteries are warm.

The fill tube assembly which is used for adding water to the battery pack consists of a fill tube, one end having a filter screen, the other having a female coupler and a rubber squeeze bulb.

Check the battery pack water level weekly by:

- Inserting the fill tube filter end in an approved water supply.
- Attaching the female coupler to the battery pack male coupler. Squeeze the rubber ball until firm which indicates that filling is complete. Immediately disconnect the couplers by depressing the push button on the female coupler. If the water supply is left connected after the filling process is finished it could lead to an overflow.

MAINTENANCE GUIDELINES

To ensure that the vehicle is kept in a safe and correct operating condition, it must be inspected and maintained on a regular basis. Proper lubrication, electrical control adjustments, safety feature checks, etc. performed at recommended intervals will help prevent damage or failure of the unit while providing optimum performance.

Follow the guidelines below to assure proper maintenance.

- Before starting any repairs or maintenance, immobilize the vehicle by turning the power keyswitch off, removing the key and setting the park brake.
- Power down the vehicle using the blue battery quick disconnect.
- Block the chassis with jack stands before working under a raised vehicle.
- Do not use flammable fluids for cleaning parts.
- Work in a properly ventilated work area.
- Regularly inspect and maintain in safe working condition the brakes, steering mechanisms, speed and directional control mechanisms, warning devices, guards and safety devices.
- Keep the vehicle in a clean condition to minimize fire hazards and facilitate detection of loose or defective parts.

MECHANICAL BRAKE SYSTEM

The mechanical brakes consist of two rear drum brakes which are self-adjusting. Be sure the brakes function properly. When brake pedal is pressed using moderate pressure, the vehicle should come to a smooth, straight stop. If the vehicle swerves, fails to stop, stops abruptly, or makes a grinding or squeaking noise, have the brake system checked. Continued moderate brake pedal pressure should be able to lock the wheels, but using lesser pressure should also permit a slow, gradual deceleration.

The parking brake is applied by depressing the parking brake pad at the top of the brake pedal which locks the brakes in place. If the brakes fail to hold the vehicle in position, contact your ParCar dealer for qualified service assistance.

BRAKE FLUID CHECK (If equipped with hydraulic system)

Check the brake fluid in the master cylinder periodically (under normal conditions, every 3 months). The master cylinder is located under the front hood. Use DOT 3 Motor Vehicle Brake fluid. Maintain fluid level within 1/4" of master cylinder filler opening.

TIRE CARE

See *Vehicle Specifications* for recommended tire pressure. Improper inflation will shorten the life of your tires and will adversely affect performance.

NOTICE: Replacement tires must be the same size as original equipment. Increased tire load ratings are permissible but tire rating does not increase the rated load carrying capacity of the vehicle.

WHEEL & TIRE REMOVAL/INSTALLATION

Place blocks ahead of and behind the wheels that will remain on ground. Slightly loosen lug nuts. Place a jack under the side of the vehicle in contact with the frame. Raise vehicle and remove lug nuts and wheels. To install, tighten the lug nuts evenly in a star pattern until the nuts are all seated and torque to. 65 ft. lbs. (88.1 N.m). Recheck lug nut torque with the vehicle on the ground.

NOTICE: The wheel may become deformed if not torqued in a crossing pattern. This could cause the wheel to wobble.

CLEANING

Wash underside to remove all dirt and debris. Do not direct high pressure water at the controller, speed switches, or tops of the batteries.

Wash body and seat with a mild detergent. Do not use abrasives (bodies are painted). Frequent washings with mild soap will preserve the finish of your vehicle. For stubborn and imbedded dirt, a soft bristle brush may be used. Tar, asphalt, creosote and the like should be removed immediately to prevent staining of paint.

NOTICE: Do not use harsh detergents, abrasives or cleaning solvents that contain ammonia, aromatic solvents or alkaline material to clean cab.

MAINTENANCE SCHEDULE - OWNER/OPERATOR

Item	Operation	Weekly	Monthly	Semi-Annual
Tires	Lug nuts tight.		*	
	Check tire pressure, wear, damage. dented rims.		*	
Electrical	Check electrolyte level.	*		
	Apply equalization charge to the battery pack.	*		
	As required, clean battery terminals and wash cases.	*		
	Check the general condition of the electrical system (connections, frayed/broken cables).		*	
Brakes	Check pedal & park brake operation.		*	
Body and Frame	Inspect for loose hardware (bolts & nuts).	*		
	Clean body and seats, Wash as needed.	*		
Lube	Visually check suspension and differential for leakage.		*	
Single Point Watering System (non-sealed batteries)	Add distilled water.	*		
	Check condition of tubing, couplers. Secure & leak free.		*	
	Clean filter screen.			*

MAINTENANCE SCHEDULE QUALIFIED TECHNICIAN

It is recommended that the following be performed by a trained qualified technician or your ParCar dealer.

Item	Operation	Quarterly	Semi-Annual	Annual
Tires	Front wheel alignment .		*	
Electrical	Test batteries.		*	
	Inspect motor condition and operation.			*
Brakes	Check brakes, clean, adjust, replace if needed.		*	
	Check brake fluid (when equipped)	*		
Lube	Check differential fluid level.			*
	Grease fittings.		*	
Wheel	Check wheel axle nuts for tightness & torque.		*	
	When equipped,- wheel bearings, repack, replace if needed			*

VEHICLE TROUBLESHOOTING

PROBLEM	CHECK
Will not move	Power keyswitch on. Direction Selector in desired direction. Keyswitch for loose wires or faulty switch.
	Batteries for loose terminals, corrosion, electrolyte level or state of charge.
	Motor for loose wires, open circuits or worn brushes.
Will not move with power keyswitch on and the direction selector is in the desired direction	Controller Status green light. See Controller Troubleshooting below.
Runs slow	Batteries for loose terminals, corrosion, electrolyte level or state of charge.
	Brakes dragging
	Under inflated or flat tires.
	Wheels for binding, do not spin freely.
If these test procedures do not resolve your vehicle problem, contact your ParCar dealer for service.	

CONTROLLER TROUBLESHOOTING

The vehicle is equipped with a dash System Status LED. This is a good tool to indicate a fault in the electrical system.

It is essential to observe the flashing pattern (number of blinks followed by a pause) of the LED light any time the vehicle is not operating as expected. The number of blinks is very useful for your servicing dealer to accurately and quickly diagnose any faults that exist.

However, two of the flash codes may indicate an operation fault, and likely do not require component changes or dealer service.

A “2 Flash fault” may indicate a start-up sequence fault. This is caused when the vehicle direction Selector is not in the neutral position or if the accelerator pedal is pressed when the power keyswitch is turned on. Steps to take to possibly clear this fault are:

- Set the parking brake.
- Turn vehicle power keyswitch to OFF.
- Set direction Selector to N – Neutral.
- Ensure the accelerator pedal is at its resting (up) position.
- Turn vehicle power keyswitch to ON.
- Select the desired direction on the direction Selector.
- Release parking brake and depress accelerator.

A “7 flash fault” may indicate that the battery voltage is too high or too low for the vehicle power system. Voltage too high occurs when rapidly descending hills with a vehicle equipped with the Regenerative braking system. The electrical system creates current which causes a spike in battery voltage. To prevent this, always travel at a safe, prudent speed when driving on declines, especially with freshly charged batteries.

To possibly clear this fault turn the power keyswitch to OFF and back to ON. If there is still a “7 flash fault”, the battery voltage may be low. Check and charge batteries or replace batteries.

If the operational fault persists or the LED is not lit or there is a “flash fault” other than 2 or 7, contact your ParCar dealer.

TOWING YOUR VEHICLE

NOTICE: ParCar does not recommend towing this vehicle.

TRANSPORTING YOUR VEHICLE

⚠ WARNING

- Use trailers specifically designed to carry your ParCar vehicle which meet all federal, state and local requirements.
- Secure vehicle to the trailer following trailer manufacturer's instruction.
- The key should be removed from the vehicle, the parking brake firmly locked, and the wheels blocked.
- On vehicles equipped with high or wide additions or accessories be certain they are secured properly to prevent loss or damage while trailering.
- Do not allow people on the trailer or in vehicle being towed.
- Avoid sudden starts, sudden stops, and tight turns when towing.
- When transporting on a trailer, normal road speed of the tow vehicle should be reduced.
- Remove the vehicle windshield and secure the seat bottom before transporting on a trailer.

BATTERY PREPARATION FOR VEHICLE STORAGE

Before storage make sure batteries are fully charged, for non-sealed batteries make sure the electrolyte is full in all cells. Clean the batteries and connections as described earlier.

The charger has the capability to test and recharge batteries during storage. Leave the batteries connected and the charger plugged into a reliable AC source.

If the on-board charger is not used the batteries will "self-discharge" during storage and recharging will be necessary. Below is the recommended frequency for recharging.

STORAGE TEMPERATURE	CHARGE AT
Below 4° C (40° F)	Every 6 months
4° C - 16° C (40° – 60° F)	Every 2 months
Above 16° C (60° F)	Once a month

The voltage or specific gravity of the electrolyte should be checked every 6 to 8 weeks using a voltmeter or hydrometer.

After charging, disconnect the batteries.

BATTERY PREPARATION FOR VEHICLE STORAGE (Continued)

NOTICE: Batteries in a low state of charge will freeze at higher temperatures than fully charged batteries. Do not attempt to charge a battery that is frozen or if battery case is excessively bulged. Properly dispose of battery, because frozen batteries can explode.

The table below indicates freezing points of batteries at different specific gravities.

SPECIFIC GRAVITY	FREEZE POINT °F/°C
1.260	-70/-57
1.230	-39/-38
1.200	-16/-26
1.117	-2/-19
1.110	+17/-8

NOTICE: Specific gravity readings are at 80° F. Values need adjustment for electrolyte temperature. Reduce .004 for every 10° F below 80° F. Increase by that amount for every 10° F above 80° F.

VEHICLE PREPARATION FOR STORAGE

Store the vehicle in a cool place.

Maintain tire pressure at recommended PSI.

Grease suspension and continue quarterly lubrication during storage period.

Clean vehicle body, seats, battery compartment and vehicle underside.

Do not engage park brake. Block wheels to prevent movement.

NOTICE: Make sure power keyswitch is in the OFF position.

RETURNING VEHICLE TO SERVICE

- If necessary, connect the battery pack and fully recharge batteries.
- Check tire pressure and readjust if necessary.
- Perform Pre-Operational Checklist.

For vehicles with a single point watering system:

- After the batteries have been fully charged, connect the system to its water supply for 3-5 seconds then disconnect regardless of whether or not the batteries are completely full.
- Return the vehicle to its regular service.
- Place the vehicle back into its regular watering schedule (waiting at least 1 week until next watering).

LIMITED WARRANTY STATEMENT

We warrant to the original consumer purchaser or lessee that our Passenger Vehicle will be free from defects in factory materials and workmanship under normal use and service in a non-commercial application for the period stated below from date of purchase subject to the terms, provisions and exclusions contained herein.

1. **Lifetime – Frame:**
A lifetime vehicle warranty on the frame. Damage due to rust, corrosion or abuse is specifically excluded.
2. **5 Years - Rhino-Tuffsm Body Panels:**
A five (5) year vehicle warranty of the Rhino-Tuff front, mid & rear body panels. Damage due to accident or collision is specifically excluded.
3. **24 months – Parts and Labor on Components:**
ParCar warrants parts and labor to repair defective components for twenty-four (24) months from date of purchase, subject to the following terms and conditions.
4. **Excluded Components:**
Batteries and tires are excluded from this warranty as they are warranted by their respective manufacturers. Your authorized ParCar dealer will assist in processing these warranties, if necessary. Consequential damage caused by defective batteries or tires are also excluded from this warranty.
5. **Additional Conditions:**
ParCar will warrant all ParCar replacement parts provided under this warranty. All ParCar parts replaced under warranty become the property of ParCar and, if requested by ParCar, must be returned to the factory for inspection.
 - (a) Any other expense incurred in obtaining warranty repairs, including transportation and labor, are the responsibility of the purchaser, unless otherwise stated in this warranty.
 - (b) To qualify for warranty coverage, the selling dealer must complete the warranty registration form online within ten (10) days after purchase or lease. If this information is not on file with ParCar, purchaser must provide proof of date of purchase with any warranty claim.
 - (c) To obtain warranty service, you must return your vehicle during the warranty period to any authorized ParCar vehicle repair facility. Dealers are able to provide service during their normal business hours and within a reasonable time. Further information regarding warranty service may be obtained from ParCar by writing our Customer Service Department, Custom Carts - ParCar, 2505 Industrial Street, Leesburg, FL 34748.
 - (d) Any subsequent changes, updates or improvements in vehicle design and equipment shall not apply to vehicles previously manufactured or purchased.
6. **This Warranty Shall Not Apply to Damage or Cost Caused By:**
 - (a) Failure to operate, maintain and service vehicle, as specified in the applicable Owner's Manual.
 - (b) Abuse, misuse, neglect, accident, collision and operation at other than specified design speed or rated capacity.
 - (c) Alteration or repair outside of factory specifications, including damage caused by unauthorized installation of after market options or accessories.

LIMITED WARRANTY STATEMENT (Continued)

- (d) Use of components, including fluids or batteries, not specified in the applicable Owner's Manual, or avoidable with the proper use of specified ParCar components, including oil or batteries.
 - (e) Fading, deterioration or weathering of seats, fabric enclosures, floor mats, bag racks, bag straps, body parts, paint or chrome caused by ordinary wear and tear or exposure.
 - (f) Charges incurred to transport any vehicle to and from an authorized dealer for warranty service, and or travel charges incurred by an authorized dealer to or from the vehicle location to perform warranty service.
7. **Warranty Does Not Apply To:**
Normal maintenance shown in the Owner's Manual which the purchaser is expected to perform including, but not limited to, brake adjustment, battery maintenance (cleaning, maintaining proper fluid levels and battery charge), lubricant replacement in differential assemblies, tune up components and wear items such as bearings, brake pads and brake shoes are not covered by this warranty.
8. **Use of Non-Genuine Parts:**
ParCar dealers are independently owned and operated, and may sell products other than those provided by Columbia. Therefore, you should understand that PARCAR IS NOT, AND CANNOT, BE RESPONSIBLE FOR THE QUALITY, SUITABILITY OR SAFETY OF ANY NON-GENUINE PARCAR PART, ACCESSORY OR DESIGN MODIFICATION, INCLUDING LABOR, WHICH MAY BE SOLD AND/OR INSTALLED BY DEALERS OR DAMAGE CAUSED THEREBY.
9. **Sole Remedy, No Other Warranty:**
The purchaser and ParCar expressly agree that the remedy of replacement or repair of the defective vehicle or component thereof, is the exclusive and sole remedy of the purchaser. ParCar makes no other representation or warranty of any kind, and no representative, employee, distributor or dealer of ParCar has the authority to make or imply any representation, promise or agreement which in any way varies from the terms of this warranty.
- THERE ARE NO OTHER EXPRESS WARRANTIES ON YOUR VEHICLE
BEYOND THOSE SET FORTH HEREIN AND NO IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS. TO THE FULLEST EXTENT ALLOWED BY
LAW, COLUMBIA AND ITS DEALERS SHALL NOT BE LIABLE FOR LOSS OF
USE, INCONVENIENCE, LOST TIME, COMMERCIAL LOSS OR ANY OTHER
INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ECONOMIC LOSS.
10. **Vehicles Sold Outside of the United States:**
In the case of vehicles sold outside the U.S.A., defective parts must be returned to the selling dealer and transportation charges prepaid by the purchaser. The dealer will then replace all parts which his inspection shall show to be defective under the warranty. ParCar assumes no liability for the dealer's labor charges, if any, or any other expenses. For further information concerning export, please contact Custom Carts - ParCar, 2505 Industrial Street, Leesburg, FL 34748 U.S.A. Attn: Customer Service Department, (844) 727-2271.
11. **State Specific Rights:**
Some states do not allow the exclusion or limitation of incidental, consequential or other damages, or limitation on how long an implied warranty lasts, so the above limitations and exclusions 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.



RECORD OF SERVICE HISTORY

Date	Dealer	Concern	Repair

DEALER INFORMATION

Name:

Address:

City/State:

Sales #:

Service #:

ADDITIONAL NOTES

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