



- 4 and 6 Seater
- 4 and 6 Lifted
- All Model Years

PULSE USER MANUAL



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Introduction

Welcome to the family! Your comfort and safety are very important to us. We strongly recommend that you read and follow the operating instructions in this manual to avoid serious personal injury. Please make sure anyone operating your vehicle is familiar with the cart's functions.

ActivEV continually seeks advancements in product design and quality. Therefore, while this manual contains the most current product information, please keep in mind that there may be minor discrepancies between the manual and your actual golf cart. If you have any questions about your vehicle, please contact us or an authorized ActivEV dealership.

Security Statements

Please pay close attention to the statements marked as “**Warning**”, “**Danger**”, and “**Caution**”. If any operating or safety warning sign on the vehicle is damaged, peeling, or blurred, it should be replaced immediately to prevent property damage, personal injury, or death.

This vehicle is limited to a certain number of passengers (including the driver). The number of passengers depends on the specific model, i.e. 4PR, and 6PR.

Warning

Failure to comply with all safety warnings may cause bodily injury to the vehicle operator and/or passengers.

- Keep your entire body in the vehicle when in motion.
- Do not operate while under the influence of drugs or alcohol.
- Make sure all passengers are securely seated before driving.
- Engage the parking brake when the cart is parked or unattended.

Danger

The batteries in your vehicle are capable of delivering large levels of power that can cause injury and even death. For your safety, never smoke near the vehicle. It should be stored away from sparks or flames. Only use the appropriate charger for your vehicle. Always wear eye protection, protective clothing, and gloves when working on or near the battery.

Operating the Vehicle

Contact your local DMV for rules and regulations regarding who may legally operate the vehicle. Switch the Tow/Run switch to the “Run” position. Make sure the Forward/Reverse switch is switched to Neutral before switching the ignition to “On”. Do not forget to disengage the parking brake. Once “On” switch the Forward/Reverse switch to the appropriate position.

Caution

Do *NOT* shift from Forward or Reverse while the vehicle is moving.

Please note your vehicle has regenerative braking and will start slowing down when the accelerator is not pressed.

Exercise caution in areas such as:

- Steep slopes
- Sharp bends
- Blind spots
- Wet or icy ground

Keep your entire body inside the vehicle, keep seated, and hold on while the vehicle is moving.

Do not start the vehicle until all occupants are securely seated.

Do not start the vehicle until the power has been unplugged.

Keep your hands on the steering wheel and your eyes on the path you are going.

Always back up slowly, and watch the back carefully.

Avoid starting or stopping the vehicle suddenly.

Avoid turning the steering wheel too sharply at high speed.

Always drive slowly up or down any incline.

Do not make any modifications or additions which may affect the capacity or safety of the vehicle.

Caution

Children should not be permitted to play in the vehicle. Children should be seated between or next to an adult and protected by them when the vehicle is moving.

Safe Operation Instructions

Our vehicles are designed for simple operations. However, please make sure to observe the following safe operation instructions. As with any new vehicle, always familiarize yourself with its controls. Perform checks on the battery, tires (recommended tire pressure is 30 psi), body/chassis, brakes, parking brake, and steering prior to operating the vehicle.

Caution

Always ensure that the key is removed before performing any of the above checks.

- Only authorized people should drive this vehicle, and from the driver's side only.
- Do not drive this vehicle on any public roads before it is registered and has the license plate attached.
- Only drive this vehicle where you are allowed by law or local regulations.
- Do not overload the vehicle, otherwise, the motor may be damaged, or the vehicle will lose control putting the driver and passengers in danger.
- Do not operate the vehicle under the influence of alcohol or drugs.
- Do not attempt to go uphill/slopes beyond its grade ability.
- Do not pass other vehicles at crossroads, blind areas, or any dangerous conditions.
- **ALWAYS** engage the parking brake when getting out of your vehicle.



Vehicle Information

Depending on how your dealership is licensed, your vehicle may or may not have a vin number on it. If a VIN is included, it is located on the base of the seat as shown. On a 4-passenger VIN plate is located on the base of the driver side. On the 6-passenger VIN plate is located on the base of the second row of seats. A VIN is 17 digits long.

Please note: If your dealership did not purchase their vehicles with a VIN included, one cannot be added after the fact. How a vehicle is delivered to a dealer, either as a low speed vehicle (LSV with a VIN) or as a golf cart (with a serial number) signifies how that vehicle must remain.



Chassis Number

The Chassis number (also known as the serial number) is located on the passenger side behind the front wheel. It will be on a suspension of the cart, as pictured.



Dash Controls



1. Combination Switch ***See Page 7 for the breakdown of the Combination Switch***
2. LCD Screen ***See Pages 5 and 8 for the breakdown of the LCD Screen***
3. Locking Glove Box
4. Hazard Light Switch
5. Gear Selector
6. USBC and USB 3.0 Port
7. Auxiliary Switches ***Located inside the storage compartment underneath the Gear Selector***
8. USB Port
9. Ignition
10. Power Outlet
11. Speakers ***Located underneath the dash***
12. Brake Pedal
13. Accelerator Pedal

LCD Screen



As shown in the picture above, the screen is used to display the status of the vehicle, as well as control the radio. All the below icons can be seen on the LCD Screen.

- Power Button
- Home Icon
 - Goes between the instrument screen which shows speed and power and the main home screen.
- Microphone Icon
 - Used when your phone is connected to the cart to make calls.
- Volume Up/Down
- Settings
 - Can be accessed from the home screen
 - From the settings you can set your **Time**, **Sound**, and **General** settings and change your **Wallpaper**

Tow/Run Switch (AKA Off/On Switch)



The Tow/Run switch is located under the seat where the battery compartment is located. Before operating the cart, make sure the Tow/Run switch is in the “Run” position. When towing or pushing the cart, flip the switch to the “Tow” position.

Warning

Pushing or towing the vehicle while in the “Run” position will burn up the motor and the electrical components of the cart. This is a significant fire hazard.

Combination Switch

- Turn Signal
 - Push up to turn on the right turn signal.
 - Push down to turn on the left turn signal.
- Headlights
 - Low Beams
 - Turn the dial once.
 - High Beams
 - Pull towards you.
- Horn
 - Push in to activate the horn.



Radio



Instructions for Bluetooth: Click on the home button to bring up the main screen. Select the "Phone" function to connect your phone to Bluetooth. Go to your phone's Bluetooth settings and wait for "Pulse" to come up as one of the options. Once connected you should see the Bluetooth sign next to the time in the top right corner.

1. **BAND** Switches from FM1 to FM2 etc.
2. **EQ** Equalizer for loudness and base
3. **AS/PS** Alternative Frequency/Program Service
4. **LOC(DX)** Changes between local and distant radio frequencies
5. **GOTO** Brings up input frequency

Storing and Charging

If the vehicle needs to be stored for an extended period of time, perform the following actions:

- Fully charge the battery system.
- Turn the “Tow/Run” switch to the “Tow” position.
- Remove the key and keep it in a safe place.
- Ensure each tire is reading 30 psi.
- Verify each battery is filled to the proper level with distilled water (if using lead acid batteries) and all cable connections are secure.
- Clean the body, seats, battery box, and chassis.
- If storing outdoors, cover the vehicle with a storage cover.
- Plug in the onboard smart charger and leave it plugged in.
- Make sure to check the battery water level at least once a month and lubricate at least every six months.
- Monitor the battery connections and cables for corrosion, remove with soda water if necessary. *(IF YOU HAVE LEAD ACID BATTERIES)*

Caution

When the temperature where the vehicle is stored reaches higher than 95°F, check the water levels of the battery every 2 weeks. If the temperature reaches 0°F, always keep the batteries fully charged to prevent the water from freezing, resulting in loss of battery life.



****Please note the Pulse has an onboard charger with another charge indicator on the seat base** See the picture above.**

Maintenance

The appropriate care must be used when performing maintenance, service, or accessory installation. Only trained technicians should service or repair the vehicle and/or battery charging system. Anyone doing even simple repairs or services should have knowledge and experience in electrical and mechanical repairs.

Warning

Before disconnecting or connecting the batteries, the Tow/Run switch must be in the “Tow” position. Failure to comply with this warning may result in battery failure leading to serious personal injury.

- When maintaining the vehicle or batteries, do not wear loose clothing or conductive jewelry such as rings, watches, and brackets.
- Insulated tools need to be used when working near the battery or power connections to prevent the cart from short-circuiting.
- Before working under the cart, make sure the parking brake is on, the cart is switched into the “Tow” position, and the key is removed from the ignition.
- Please keep all signs, warnings, and instructions provided by the manufacturer clear and untampered.

Battery Maintenance

While our vehicles come standard with Lithium batteries we have included maintenance for both lead acid batteries as well as lithium.

Lead Acid Batteries



On the left is an example of 6 lead acid batteries that are standard for a 4 passenger cart. They are located in the 1st row storage, underneath the flip seat.

On the right is an example of 8 lead acid batteries that are standard for a 6 passenger cart. They are located in the 2nd row storage, underneath the flip seat.



Warning

Battery electrolyte is poisonous and dangerous and may cause severe burns and injury. Always wear gloves and protective eye gear when working around battery electrolytes.

KEEP OUT THE REACH OF CHILDREN.

Lead Acid Battery Maintenance

Vehicles with lead-acid batteries will need routine maintenance at least twice a month. We recommend checking weekly if the cart is being used frequently. The checklist for routine maintenance includes:

- Cleaning terminals and ensuring the surface is free of moisture and debris.
- Checking terminals and securing supportive hardware to batteries.
- Recharging batteries after every use.
- Checking water levels and distributing distilled fluid **periodically**.

Neglecting routine maintenance to your batteries can impact the longevity lead acid has to offer. It's important to be aware that improper management can cause further damage to your vehicle.

Important Notice

Before performing any maintenance to the batteries, it's essential to cut all power to the vehicle. **To turn off the power supply, make sure the cart is in park, turn the Tow/Run switch to "Tow"**, and remove the key from the ignition. Once this has been completed, routine maintenance may begin.

Always keep sparks and Flames away from batteries including smoking. If you come in direct contact with the acid in the batteries, flush with large amounts of water.

Lead Acid Manual

For in depth information on how to perform each routine maintenance on your batteries, visit [Lead Acid Manual](#).

Lead Acid Resources

Warranty Claims: Contact Continental Battery Systems Customer Experience (844) 935-1186 for any warranty questions/claims.

For additional questions and customer support, please contact your local dealer or ActivEV manufacturer.

Cleaning

Batteries can attract dust, dirt, and grime. Keeping them clean will help you spot signs of trouble

if they appear, and avoid problems associated with grime.

Checking the terminal and nuts

The connection of the battery should always be kept in good condition. Please check every week whether any battery cable terminals or nuts have become loose in order to prevent any spark or damage to terminals. Check the battery cables for damages weekly, and replace any damaged battery cables immediately.

****Do not place any objects on the battery and do not connect the positive pole to the negative pole. This may cause a short circuit, or dangerous spark or may cause damage to the battery or the user.****

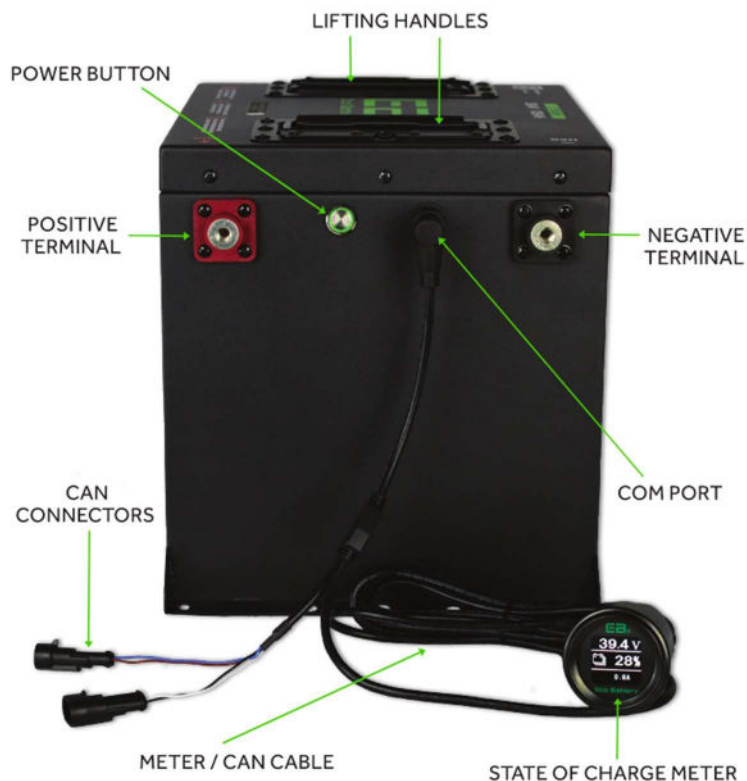
Watering

Distilled water should always be added after fully charging. Before charging, there should be enough water to cover the plates. If the battery has been discharged (partially or fully), the water levels should be above the plates. Keeping the water at the correct level after a full charge will allow you to not have to worry about the water level at a different state of charge. Do not let the plates get exposed to air, as this will cause them to corrode.

- Watering kits are available through local dealers or visit <https://Bintelliparts.com/>
- Video instructions [Lead acid watering video](#)

Lithium Batteries

Lithium batteries are sealed and essentially maintenance free. While there is no fluid to add to the battery pack as you would a deep cycle battery, you still need to periodically check the cables and connections for tightness, ensure they are free of corrosion, recharge, and comprehend temperature and storage conditions.



Warning

Only licensed technicians should be performing maintenance on batteries with the exception of checking and cleaning terminals while the batteries and vehicle are fully powered off. Please contact your local dealer or Eco Support for anything other than routine battery care.

Features for Users

Power Button

Located on the side of the lithium battery. This feature is used for powering the batteries. If the power is not on, the cart will not run. This component is also important when performing maintenance to Turn power off. For more details, visit the user link found in the Lithium Manual section.



There are different variations of lithium ion features in the Beyond editions. It's important to note that the state of charge feature will change depending on the charger in the cart.

For carts with a supported Eco charger, the state of charge meter is the EB LCD meter.

State of Charge Meter- ECO charger

Located on the front dash of your vehicle. This feature reads your battery voltage and charge. Just as a fuel gauge in a car, the State of Charge Meter (SOC meter) lets you know in a percentage value how much power you have left in your batteries before you need to recharge. For more details, visit the user link found in the Lithium Manual section.



For Lithium batteries with the supportive charger being Lester, the state of charge reading will be on the speedometer LCD meter.

Lithium Battery Care

Warning

Do not touch or attempt to secure the terminal connection until the power is completely shut off to the vehicle. To disengage power, turn the tow/run switch to “tow”, remove the key, locate the power button on the lithium battery and switch it “off”.

The Power switch on the battery must be **OFF** before any interaction.

Lithium Check:

- Cleaning cables and ensuring the surface is free of moisture and debris.
- Checking cables and securing connections to the Battery.
- Recharging batteries.
- Monitoring inactivity, long-term storage, and colder temperatures.

Although Lithium batteries do not require the same type of routine maintenance as Lead Acid, it is still strongly recommended to use the proper suggested care to maintain their efficiency. This includes the Lithium Checklist and more detailed information noted in the user manual.

It's important to be aware that improper management can void warranties and cause further issues with the service of your vehicle.

Lithium Manual

For details regarding proper care and function, please visit the Eco battery manual link.
Lithium User manual and care- [Eco battery user manual](#)

Lithium Resources

Registering Eco Battery- **90 days after purchase for 8 year warranty** [Eco battery registration](#)

Submitting Warranty Claims- [Eco Battery Warranty Claims](#)

Eco Battery Support- support@ecobattery.com

For additional questions and customer support, please contact your local dealer or ActivEV manufacturer.