



- Model Year 2025
- Standard
- Lifted

# BEYOND USER MANUAL



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## Introduction

Thank you for choosing Bintelli as your next LSV and welcome to the family! As your comfort and safety are very important to us, we strongly recommend that you read and follow the operating instructions in this manual to prolong the service life of your vehicle and to avoid serious personal injury while operating. It's important that anyone operating the vehicle is familiar with the vehicle functions and understands how to safely operate the vehicle. Please share this manual with anyone who will be using the vehicle.

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

## Important Information **\*MUST READ\***

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. 2PR, 4PR, and 6PR.

### **Warning**

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

- Keep the 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 battery 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. When working on or near the battery, always wear eye protection, protective clothing, and gloves.

## Operating the Vehicle

Prior to use, 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, damage to powertrain may occur.

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

Exercise additional caution in areas such as:

- Steep sloped
  - 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 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

Always use seatbelts for all passengers while the vehicle is in motion... Children should be seated between or next to an adult and protected by them when the vehicle is moving.

## Vehicle Information

The VIN plate (if your vehicle is so equipped) is located on the base of the seat as shown in Fig. 1. 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.



## 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 in Fig. 2



## Dash Controls



1. Combination Switch (**Fig. 5**)
2. Speedometer/LCD Meter **\*\*See Fig. 3 for the breakdown of the speedometer controls\*\***
3. Lead Acid Battery Meter
4. Parking Brake (4 Passenger) **\*\*Please note 6 Passenger will have a hand brake located on the base of the front seat\*\***
5. Brake Pedal
6. Accelerator Pedal
7. Ignition
8. Locking Glove Box
9. Accessory switches (12v 10amp ready for additional accessories)
10. Telescoping steering column lock/release
11. Wireless Charging Pad
12. Diagnostic Port
13. 12v Power Outlet
14. Dual USB Port
15. Not pictured, Tow/Run Switch **\*\*It will be located underneath the seat that contains the batteries see Fig. 4.\*\***

## Power Steering

Your vehicle is equipped with power steering which will automatically turn on when the ignition is turned to the ON position.

## LCD Meter (Fig. 3)



As shown in **Fig. 3**, The LCD meter displays the status of the vehicle. Icons that can be seen on the LCD Meter reference the following functions of the vehicle:

- The low beam icon will light up when the vehicle is in the low beam mode.
- The high beam icon will light up when the vehicle is in the high beam mode.
- Arrows will blink if the left or the right turn signal is on.
- When the parking brake is on the "P" to the left side of the meter will light up.
- When the vehicle is in motion, the speed will be shown on the meter.
- In the event of a real time fault or error code, the number will be displayed on the screen for quick reference,
  - Contact your local service center to have them diagnose the cause of the fault code and stop using the vehicle.
- When the vehicle has low voltage, the battery fault light will be on indicating the battery needs to be charged immediately.
- The number on the odometer is the current total mileage of the vehicle.



## Tow/Run Switch (Also Off/On Switch)(Fig. 4)



Before operating the vehicle, make sure the Tow/Run switch is in the "Run" position. When towing or pushing the vehicle flip the switch to the "Tow" position.

### Warning

Pushing or towing the vehicle while in the "Run" position will cause damage to the motor and the electrical components of the cart. This could also cause a potential fire hazard.

## Combination Switch (Fig. 5)

- Turn signals
  - Push up to turn on the right turn signal.
  - Push down to turn on the left turn signal.
- Headlights
  - Low beams
    - Pull towards you one click to turn on the low beam lights.
    - Push forward one click to turn off the low beam lights
  - High beams
    - Pull towards you a second time to turn on the high beam lights.
    - Pull towards you again to turn off high beam lights
- Horn
  - Push in to activate the horn.



## Screen 2.0

Your vehicle features a touch screen infotainment system as pictured below:



1. POWER Button
  - Short press to turn on, long press to shut down
2. HOME Button
  - Press to go into main menu (Fig. 6) or return to display screen
3. BACK Button
  - Press to return to previous screen
4. Press to increase volume
5. Press to lower volume
6. Low beam headlight indicator
7. High beam headlight indicator
8. Low brake fluid warning light
9. Parking brake ON warning light
10. Brake ON light
11. Low power warning light
12. Fault/Warning Code light
13. Charge meter
14. Amp usage/regen meter
15. Date/Time
16. Volume
17. Gear selection
18. Speed



## Radio (Fig. 7)



Fig. 7

1. FM/AM Band
  - Switches between different FM/AM preset screens
2. Scan
  - Pressing this button will read all stations available and add them to presets menu
3. Introduce
  - Pressing this will switch from one preset to the next with a short pause between each station. (With preset radio stations saved using the Scan button)
4. Local
  - Switches radio distance
5. EQ
  - Pressing this button will bring user to the EQ settings screen
6. Volume Speaker
  - Pressing this will mute the volume
7. Left/right arrows
  - Pressing left arrow will seek to previous available station
  - Pressing right arrow will seek to next available station

## Main Menu (Fig. 8)

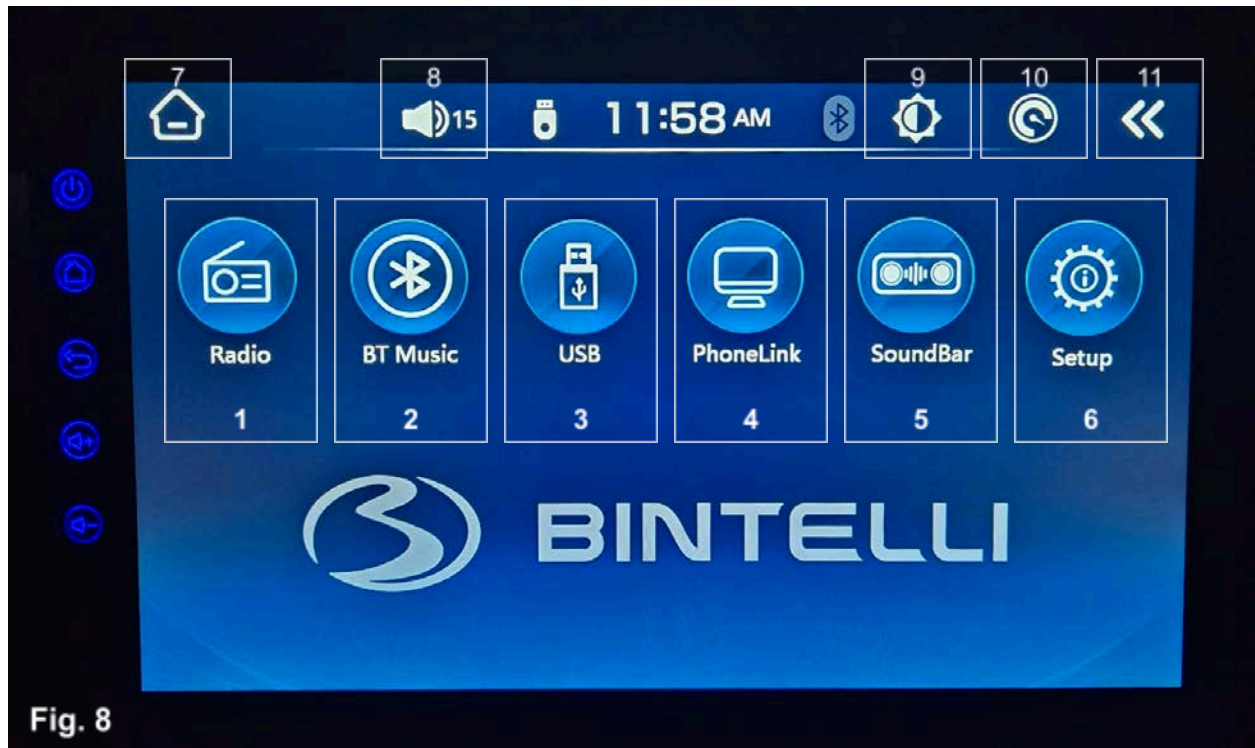


Fig. 8

1. Pressing will switch to Radio FM and AM
2. Pressing will switch to bluetooth connected device or to connect to a device
  - a. To connect to a device: Open BT setting on your device and choose the specific Beyond ID that is depicted towards the top right of the screen (**Fig. 9**)
    - i. Apple devices will automatically ask to connect to BinteLLI Play
    - ii. Android devices will automatically connect to BinteLLI Auto

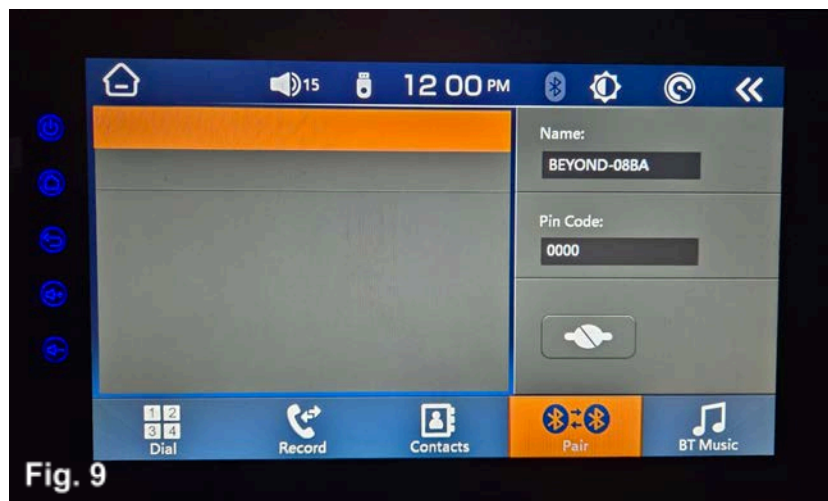
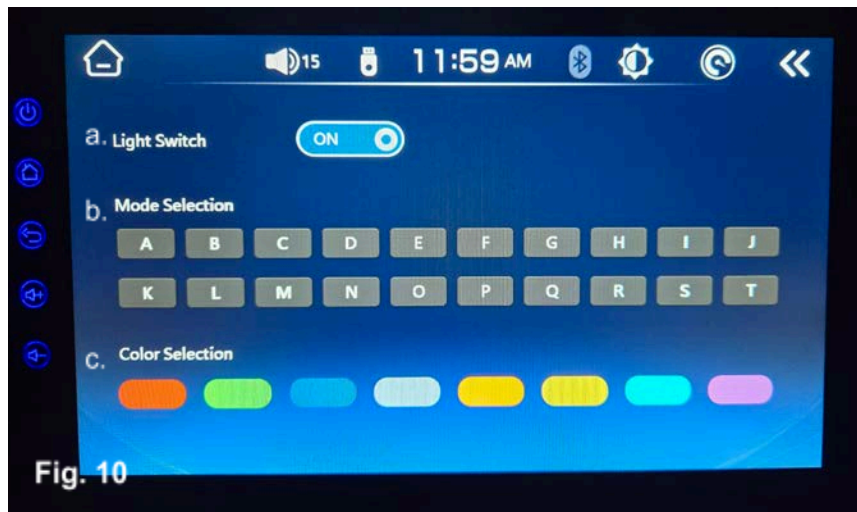


Fig. 9

3. Pressing will load music from usb connected device
  - a. This connection is from the top usb port right of the ignition switch
    - i. Connecting to this port with a Bintelli Play or Auto capable device will initialize the respective player and automatically switch to PhoneLink screen.
  - b. The bottom usb port is for charging devices only.
4. Pressing will switch to BintelliPlay/Auto
  - a. If not connected already, you will be redirected to BT settings to connect to the device first.
5. Pressing will switch to Soundbar light settings (Must connect to Soundbar via Setup menu) (Fig. 10)
  - a. Turn lights on/off
  - b. Different programmed light sequences
  - c. Solid light choices



6. Pressing will switch to general settings and setup
  - a. Vehicle
    - i. Basic- This function is not used
    - ii. Factory- This function is not used
  - b. Equipment
    - i. EQ Settings
    - ii. Display setting
    - iii. Wallpaper
    - iv. Soundbar- For LED controls only
      - To connect
        - a. Turn Soundbar connection ON
        - b. Choose top cart with number
          - i. This will prompt a connecting screen.
        - c. After Connected screen displays return to Soundbar from the main menu
  - c. System
    - i. Language
    - ii. Clock
      - To set time/date/format
    - iii. Version (For Manufacture use only)

7. Pressing will switch to this screen if on any other screen, if on this screen will switch to dash.
8. Pressing will mute volume, shows current volume level
9. Pressing will switch between three brightness options: full, dim, and off.
10. Pressing this will return to speedometer
11. Pressing will go back one screen

## Soundbar (Fig. 11)



1. LED Indicators: The first 3 LEDs correspond to different functions: Power, Bluetooth, and Mode.
  - a. Power
    - i. Solid Green: Power On
    - ii. No Light: Power Off or Standby
  - b. Bluetooth
    - i. Flashing Blue: Bluetooth Pairing
    - ii. Solid Blue: Bluetooth Connected
  - c. Mode
    - i. Solid Blue: Speaker Mode (EcoCast is turned off)
    - ii. Flashing Red: EcoCast Transmitting Mode – Pairing Ready
    - iii. Solid Red: EcoCast Transmitting Mode
    - iv. Flashing Green: EcoCast Receiving Mode – Pairing Ready

- v. Solid Green: EcoCast Receiving Mode – Paired with EcoCast Transmitting speaker
- vi. Solid Yellow: FM Mode
- vii. Solid Purple: Aux-In

**2. Power button**

- a. Short-press to turn the soundbar on / put into Standby.
- b. Press and hold for 3 seconds to turn all 4 LED Zones on / of

**3. BT connect (to soundbar only)**

- a. When in Bluetooth Mode, if the Bluetooth LED Indicator is not flashing Blue, press this button to enter Bluetooth Pairing. If your device is connected (solid Blue LED), press the button to disconnect and re-enable pairing.
- b. Press and hold for 5 seconds to clear all pairing memory

**4. EcoCast Button**

- a. Short-press to enable EcoCast pairing.
- b. Press and hold for 5 seconds to clear the EcoCast pairing memory.

**5. Zone 1 Button: Z1 – LED Party Lights on Backlit Speakers**

- a. Short-press to turn on the LED Party Lights behind the speakers.
- b. When the lights are on, short-press to cycle through each of the 45 LED Button Modes. There are a total of 44 LED Lighting Modes supported by the Control Panel. (The SoundExtreme app can support many more Color Modes.) The 45th LED Button Mode is Off Mode. Therefore, a short-press on the 44th Mode will turn the lights off, and another short-press will cycle back to the first LED Lighting Mode again.
- c. When the lights are on, press and hold to turn off.

**6. Zone 2 Button: Z2 – Light Bar**

- a. Short-press to turn on the LED Light Bar on the back of the soundbar. When the lights are on, short-press to cycle through each of the 45 LED Button Modes.
- b. When the lights are on, press and hold to turn off.

**7. Audio Mode Button:**

- a. Press the button to cycle through the following Audio Modes – Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and Aux-In.

**8. Zone 3 Button: Z3 – LED Lighting Control Output**

- a. Short-press to turn on the Zone 3 external LEDCast-enabled product. When the lights are on, short-press to cycle through each of the 45 LED Button Modes
- b. When the lights are on, press and hold to turn off

**9. Zone 4 Button: Z4 – LED Lighting Control Output**

- a. Short-press to turn on the Zone 4 external LEDCast-enabled product. When the lights are on, short-press to cycle through each of the 45 LED Button Modes.
- b. When the lights are on, press and hold to turn off.

**10. Scenes Button:**

- a. Short-press to cycle through all the 5 Scenes. (Scenes can only be programmed in the SoundExtreme Smartphone App).
- b. Press and hold to turn on and turn off the rear-facing Utility Light.

**11. Volume Control Buttons:**

- a. Press to adjust the speakers' volume.
- b. Press and hold to adjust the volume continually.

**12. Track Buttons:**

- a. In Bluetooth Mode
  - i. press buttons to play the previous / next track.

- b. In FM Mode
    - i. Short press either button to tune to a radio station.
    - ii. To “seek” (jump to the next available station), Press and hold either Button for a few seconds until it starts to seek a station.
13. Play / Pause / Answer / EcoTalk Button:
- a. Press to play / pause a track or answer / end a mobile call from a paired Bluetooth phone.
  - b. EcoTalk: Press and hold to activate your Voice Assistant (Siri or Hey Google).

## Safe Operation Instructions

Please make sure to observe the following safe operation instructions. Ensure you are familiar with all of the controls of the vehicle prior to operating.. Before use,perform checks on the battery, tires, body/chassis, brakes, parking brake, and steering prior to operating the vehicle.

### Caution

Always ensure the vehicle is off and the key is removed before performing any of the above checks.

- Only authorized people should drive this vehicle, and from the driver’s seat 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.

## 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.
- Ensure battery cable connections are secure and free of corrosion
- 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.
- Monitor the battery connections and cables for corrosion, remove with soda water if necessary prior to vehicle use after prolonged storage.

## 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. Repair and service should only be done by those with knowledge and experience in electrical and mechanical repairs.

### Warning

Before disconnecting or connecting the battery, 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 battery, 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.

### Important Notice

Before performing any maintenance to the battery, 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.

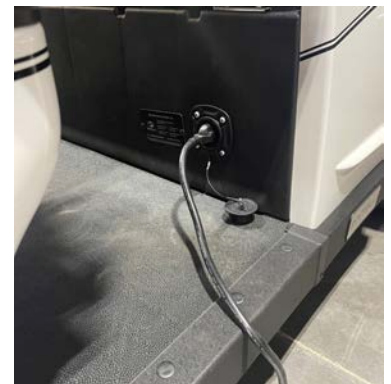
Always keep sparks and flames away from batteries including smoking.

## Vehicle Charging

*Proper charging of the vehicle is critical for long service life and accurate monitoring of the battery pack. Download the Lester app and follow the prompts to see the state of charge your batteries are reading and any other charging inquiries.*



- [Lester Electrical ChargerConnect™ App User's Guide](#)
- The battery should be charged daily **AND** after the vehicle is used. Any delay in the recharging will have a negative effect on the battery.
- It's good practice to charge the vehicle when done with use for the day.
- Only use a dedicated 20 amp circuit when charging the battery. Failure to do so may lead to lowered range.
- Always use the supplied 12FT 110v charging cord. (If an extension cord is needed, it must be at least 12 gauge, and No more than 25 ft total length.)



## Battery Meter



Your vehicle is also equipped with an LCD Battery Meter. This resource is located on your dash, to the left of the steering wheel. Although this does not give you an exact percentage reading as the Lester phone application or infotainment screen does, it also allows you to monitor the vehicle's current state of charge. (only applicable with Bintelli branded lithium batteries)

### Warning

Please make sure the battery is recharged **BEFORE** the battery power meter shows 20% or less. Failing to recharge the battery before it reaches 0% will lead to recharging issues.

## 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.

## Bintelli Branded battery

BMS



165AH Lithium battery





## Eco Branded battery



### 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

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 of the website.

### Eco

POWER  
BUTTON



Push button once.  
(Button will stay in and light up green when battery is on.)  
Push again to shut off.

(Button is facing the drivers side.)

### Bintelli



Push and hold power button until battery clicks on and green light turns on to turn battery on. Push and hold again until battery clicks off and green light turns off to shut battery off.

(Located on passenger side of battery facing forward.)

# Lithium Battery Care

## Warning

Do not touch or attempt to secure 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, and locate the power button on the lithium battery and press it “off”(Power button shown on Figure 3).

The Power switch on the battery must be **OFF** before any maintenance is performed.

### Lithium Check:

- Cleaning cables and ensuring the surface is free of moisture and debris.
- Checking cables and securing connections to Battery.
- Recharge to 100%
- Monitor inactivity, long term storage, and colder temperatures.

Although Lithium batteries do not require the same type of routine maintenance as traditional 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 your battery warranty and lead to issues with the performance and operation of your vehicle.

## Lithium Manual

For details regarding proper care and function, please visit the Eco battery manual web link below.

**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](mailto:support@ecobattery.com)

For additional questions and customer support, please contact your local dealer or Bintelli directly.

# Regular Maintenance Checklist

C=Check, CA=Check/Adjust, R=Replace, S=Perform, CL=Clean/Lubricate						
	Before Use	Every month/20 hours/ 100 miles	Every 6 months/125 hours/600 miles	Every year/250 hours/1200 miles	Every 2 years/500 hours/2500 miles	Every 4 years/1000 hours/5000 miles
Battery Charger	S	S	S	S	S	S
Clean battery	S	S	S	S	S	S
Check brakes	C	CA	CA	CA	CA	CA
Check Steering	C	C	C	C	C	C
Check tires	C	CA	CA	CA	CA	CA
Check body	C	C	C	C	C	C
Battery discharge test				S	S	S
Replace rear axle lubricant				R	R	R
Clean and lubricate pedals		CL				

## Client Responsibilities

**Battery Cables** – Cleaning cables and ensuring the surface is free of moisture and debris. Checking cables and securing connections to Battery.

**Charger Power Cord** – Do not remove the manufacturer tag on the power cord as doing so will void the warranty. Always unplug the charger before turning the vehicle on.

**Charging** – Each charger must have a dedicated circuit with 20 amps. The vehicle should be left plugged in when not in use. The charger will trickle charge at 80% only when needed. Improper charging will lower the range.

**Extension Cords** – We do not recommend using an extension cord to charge. If you do use one, it must be heavy-duty (10 gauge) as the extension cord will determine how many amps the charger will receive.

**Parking Brake** – All vehicles have a parking brake (hand or foot). Driving with a parking brake engaged will damage the motor and braking systems and can create a fire hazard. Always disengage the parking brake before driving.

**Storage** – Vehicles should NOT be left out in the elements 24/7. We recommend storing covered in a garage environment in order to preserve the integrity of the paint and fit/finish of the vehicle.

**Tires** – Must be inflated to proper capacity. Upon delivery, please check all lug nuts and tighten them as they may become loose due to turbulence in shipping. Additionally, check lug nut tightness once a month.

**Tow Switch** – Must be pointed to “Run” and not “Tow” to operate. Must be in “Tow” position if towing.

**Warranty (ECO) registration-** All vehicles with an eco battery must register within 90 days of purchase to honor the 8 year warranty. If you do not register your batteries, the warranty will only be valid for a year.