



**4F, 4F  
Lifted, 6P  
Lifted**

**All Model  
Years**

# **Sivo Edge Owners Manual**



**(866) 542-8677**



**support@bintelli.com**

## **Introduction**

Welcome to the Sivo family! Your comfort and safety are our top priorities. To ensure a safe and enjoyable experience, we strongly recommend that you carefully read and follow all operating instructions in this manual. This will help prevent any risk of personal injury. Be sure that anyone who operates your vehicle is familiar with its functions and safety features.

At Sivo, we are always striving to improve our product design and quality. While this manual provides the most up-to-date information about your vehicle, please note that there may be slight differences between the details in this manual and the actual model you own. If you have any questions or concerns, don't hesitate to contact us or visit an authorized Sivo dealership for assistance.

If you have any questions, need support, or simply want to learn more about your vehicle, our dedicated team is here to assist you.

### **Contact Information:**

Customer Support:

Phone: 1-866-542-8677

Email: [support@bintelli.com](mailto:support@bintelli.com)

### **Sales Inquiries:**

Phone: 1-866-542-8677

Email: [sales@sivo.com](mailto:sales@sivo.com)

### **Mailing Address:**

Bintelli LLC

6900 Weber Blvd.

Ladson, SC 29456

### **Website:**

[www.sivogolfcarts.com](http://www.sivogolfcarts.com)

## Security Statements

Please take special care to observe all statements marked as “**Warning**,” “**Danger**,” and “**Caution**.” These are critical to ensuring your safety and the proper operation of your vehicle. If any warning or safety labels on the vehicle are damaged, peeling, or unreadable, they must be replaced immediately to prevent potential property damage, personal injury, or even death.

This vehicle is designed to carry a specific number of passengers, including the driver. The exact number depends on your model, such as the 4F, 4FL or 6PL. Always adhere to the recommended passenger limit to ensure safe operation.

### Warning

Failure to follow all safety warnings could result in serious injury to the operator and/or passengers. To help ensure your safety, please adhere to the following guidelines. These precautions are vital for your safety and the safety of others.

- Keep your entire body inside the vehicle at all times while it is in motion.
- Never operate the vehicle under the influence of drugs or alcohol.
- Always ensure that all passengers are securely seated before driving.
- Always engage the parking brake when the vehicle is parked or unattended.

### Danger

The batteries in your vehicle are capable of delivering high levels of power, which can be hazardous and even life-threatening. For your safety, please follow these important precautions:

- **Never smoke near the vehicle** or store it near sparks or open flames.
- Only use the **appropriate charger** designed for your specific vehicle.
- When working on or around the battery, always **wear eye protection, protective clothing, and gloves**.

These safety measures are essential to prevent injury and ensure safe handling of the vehicle's battery.

## Operating the Vehicle

Before operating your vehicle, it's important to familiarize yourself with local laws. **Contact your local DMV** for information on who is legally permitted to operate the vehicle. Following these steps ensures safe and correct operation of your vehicle.

- Set the Tow/Run switch to the “**Run**” position.
- Ensure the **Forward/Reverse** switch is in the **Neutral** position before turning the ignition to the “**On**” position.
- **Disengage the parking brake** before proceeding.
- Once the ignition is “On,” switch the **Forward/Reverse switch** to the desired position (Forward or Reverse) based on your intended direction.

**Caution** Do **NOT** shift from Forward or Reverse while the vehicle is moving. **Always** come to a complete stop before changing the direction of travel. This can damage the drivetrain.

Your vehicle is equipped with **regenerative braking**, which means it will begin to slow down as soon as the accelerator is released.

### Exercise Caution in the Following Areas:

- Steep slopes
  - Sharp bends
  - Blind spots
  - Wet or icy ground
- 
- Stay inside the vehicle: Keep your entire body within the vehicle, remain seated, and hold on while it's moving.
  - Ensure everyone is secure: Do not start the vehicle until all occupants are properly seated.
  - Unplug the power: Make sure the power is unplugged before starting the vehicle.
  - Hands on the wheel, eyes on the road: Always keep your hands on the steering wheel and focus on the path ahead.
  - Reverse carefully: Always back up slowly and watch your surroundings.
  - Avoid sudden movements: Don't start or stop the vehicle abruptly.
  - Steering caution: Avoid turning the steering wheel too sharply when driving at high speeds.
  - Climbing or descending: Always drive slowly when going up or down inclines.
  - No modifications: Do not make any changes to the vehicle that could impact its capacity or safety.

### Caution

Children should **never** be allowed to play in or around the vehicle. When the vehicle is in motion, children must be seated **between** or **next** to an adult and always secured in **proper child restraints**. The adult should ensure the child is safely protected at all times.

## Safe Operation Instructions

Our vehicles are designed for simple operation, but it's important to follow key safety guidelines for the best experience. Before operating, take the time to familiarize yourself with the vehicle's controls and perform essential checks to ensure everything is in proper working order. Inspect the **battery** for secure connections and proper condition, check the **tires** for damage and verify the **recommended tire pressure of 20-25 psi**. Make sure the body and chassis show no signs of wear or damage, test the **brakes** to ensure they function properly, and ensure the parking brake engages and releases as it should. Finally, check the steering for smooth operation and free movement.

### Caution

Always **remove the key** from the ignition before performing any of the checks mentioned above. This is a crucial step to ensure your safety while inspecting the vehicle.

- Only authorized individuals should operate the vehicle, and it should always be driven from the driver's side.
- Do not drive the vehicle on public roads until it is properly registered and has a license plate attached.
- Always operate the vehicle in areas where it is permitted by law or local regulations.
- Do not exceed the vehicle's weight capacity. Overloading may damage the motor or cause the vehicle to lose control, which could endanger both the driver and passengers.
- Never operate the vehicle under the influence of alcohol, drugs, or any substances that impair your judgment or ability to drive.
- Do not attempt to drive uphill or on slopes that exceed the vehicle's grade ability.
- Avoid passing other vehicles at intersections, blind spots, or in any conditions where visibility or safety is compromised.
- Always engage the parking brake when exiting the vehicle to prevent unintended movement.

## About Your Vehicle

### Vehicle Identification Number (VIN)



**Manufactured by: Sivo EV**

TYPE: LOW SPEED VEHICLE  
GVWR: 2500 LBS.

Front GAWR: 950 lbs	WITH TIRES : 22 X 10-14
RIMS AT: 14x7	COLD: 30(Psi)
Rear GAWR: 1550 lbs	WITH TIRES : 22 X 10-14
RIMS AT: 14x7	COLD: 30(Psi)

VIN: 7Z2PA4211TS000002      Date of Mfd : August 5th, 2025

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE

Whether your vehicle includes a VIN depends on how your dealership is licensed. If a VIN is present, it will be located beneath the center of the dashboard, near the ignition area. Please refer to the image to see what the VIN plate looks like.

### Chassis Number (Serial Number)

The chassis number, also known as the serial number, can be found in two locations and this number serves as the unique identifier for your unit. 1. Behind the Front Driver Side Wheel, by suspension.





## Vehicle Control Overview

1. Combination Switch <i>**See page 7 for the breakdown of features**</i>
2. LCD Infotainment Screen <i>**See page 8-9 for breakdown of features**</i>
3. Locking Storage boxes
4. Hazard Button
5. Power Button
6. Gear Selector
7. Power Outlet
8. Fan Power Button (Low/Med/High)
9. Glovebox Lights
10. USB Port
11. Brake Pedal
12. Accelerator Pedal
13. Fan Vents (Adjustable)
14. Front Trunk Release Pull Handle
15. Accessory Switch (Located inside driver side glovebox)



## Power Button Operation

The **Power Button** is located on **the left side of the center console**. To activate any vehicle functions, the **key fob must be inside the vehicle**.

### Starting Sequence:

- **Accessory Mode**
  - Press the power button **once** briefly.
  - This will activate **the accessory** mode, enabling use of 12V systems such as the **sound system, lighting**, and other auxiliary electronics.
- **Full Power Mode**
  - Press the power button a **second time in quick succession** to fully power the vehicle, including activation of **the motor and primary drive systems** for normal operation.
- **Direct Start (Bypass Accessory Mode)**
  - To power the vehicle on directly, **press and hold the power button**.
  - Release the button when you hear an **audible click**, indicating that the full system is powering on.

**Note:** If the key fob is not detected within the vehicle, the power button will not function.

## Combination Switch

- **Turn Signal**
  - Push up to turn on the right turn signal
  - Push down to turn on the left turn signal
- **Headlights**
  - *Running Lights*
    - Turn the dial once.
  - *Low Beams*
    - Turn the dial twice.
  - *High Beams*
    - Pull towards the driver's seat
- **Horn**
  - Push in to activate the horn



## LCD Infotainment Screen

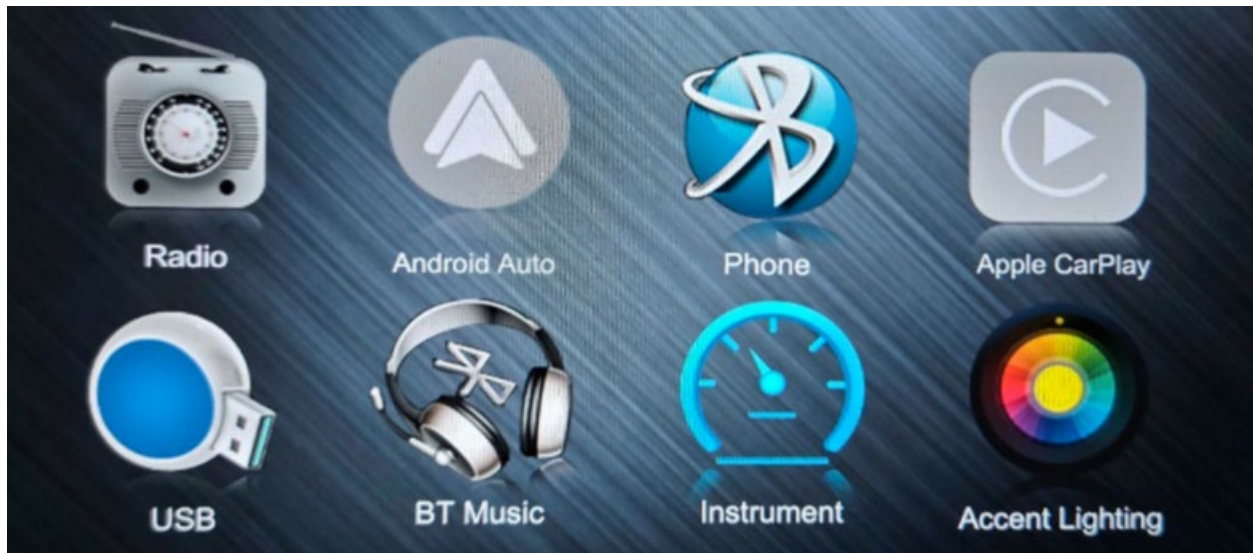


As shown in the picture above, the screen is known as the instrument screen. This is used to display the status of the vehicle, with Speed & Battery life. All the icons found on the left hand side are detailed below:

- **Power Button**
- **Home Icon** Goes between the instrument screen which shows speed and power and the main home screen.
- **Microphone**
- **Volume Up**
- **Volume Down**

# Controls and Functions

## Home Menu Descriptions



- ❖ **Radio**
  - **Seek Functions**
    - **Presets** (Up to **6 stations** can be stored.)
- ❖ **Android Auto**
  - To enable Android Auto, first connect your iPhone under **Phone**.
- ❖ **Phone**
  - Use the **magnet glass pairing option** to initiate Bluetooth pairing.
  - On your phone, open Bluetooth settings and select the vehicle name shown on-screen
  - Confirm the **numeric pairing code** when prompted
  - Once paired, you will be prompted to connect to **Android Auto or Apple CarPlay**. Select **OK** to connect.
  - While connected, the **Phone** and **Bluetooth Music** icons on the Home Menu will appear **grayed out** and cannot be selected.
  - To exit **Android Auto** or **Apple CarPlay**, open the menu and follow the prompts to disconnect.
- ❖ **Apple CarPlay**
  - To enable Apply CarPlay, first connect your iPhone under **Phone**.
- ❖ **USB Menu**
  - When a USB drive is connected, the **USB Menu** will automatically appear.
- ❖ **BT Music**
  - Play music wirelessly from a paired Bluetooth device.
- ❖ **Instrument**
  - Returns to the **Main Instrument Display**, showing essential driving information such as **speed** and **battery level**.

## Bottom Menu

### 1. Time

- Set **Date** and **Time**.

### 2. Sounds

- **Beep:** Enable or disable touchscreen feedback sound.
- **Reverse Volume:** Adjust music/call volume when the vehicle is in reverse.
- **EQ (Equalizer):**
  - **Balance:** Adjust front/rear (fade) and left/right (balance) sound levels.
  - **EQ Adjustments:** Modify audio frequency levels.
  - **Reset Settings:** Restore default sound settings.
- **Default Volume:**
  - **Main Volume**
  - **BT Talking Volume**
  - **Navigation Volume**
  - **Voice Volume**

### 3. Setting

- **Brightness:** Adjust display brightness.
- **IIL Detect (Illumination Detection):** Automatically dims or brightens the display based on ambient lighting.
- **Key LED:**
  - **LED Switch:** Turn touchscreen illumination **On/Off**.
  - **LED Color Change:** Select a color for the touchscreen backlight.
- **Bluetooth:**
  - **BT Connection:** Turn Bluetooth **On/Off**.
  - **Device Name:** Displays the system's Bluetooth name.
  - **BT Address:** Shows the Bluetooth hardware address.
  - **Clear Records:** Deletes pairing history.
- **Area (Region):** Set the radio or system region to ensure proper tuning and compatibility.

### 4. Wallpaper

- Select or change the system's background image.

## Key Features

**Front Trunk** - Your golf cart is equipped with a front trunk (commonly referred to as a "frunk") for added storage convenience. Located at the front of the vehicle, this compartment provides a secure and weather-resistant space for transporting personal items, golf accessories, or small gear. The front trunk opens easily via a latch mechanism and includes a drainage system for easy cleaning. Always ensure the trunk is securely closed before driving.



## Dashboard Fans

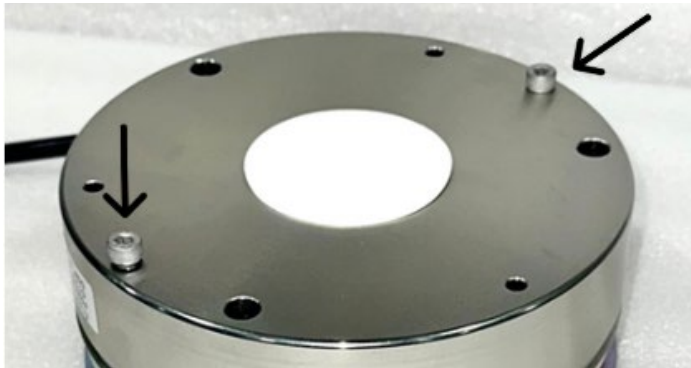
Your golf cart includes built-in dashboard fans designed to improve air flow and enhance comfort during your ride. Positioned on the front dash, these fans help circulate air within the cabin.

## RUN/OFF/EMB Switch



The **RUN/OFF/EMB** switch is located under the seat where the battery compartment. Before using the car, ensure the switch is in the “**Run**” position. When storing or working on the unit place the cart in OFF position. When towing or pushing the cart, toggle to “**EMB**” position. “**EMB**” releases the emergency brake, allowing the cart to move. **Please note:** The cart’s battery must have power for the **EMB** feature to work properly.

## Disengaging the EMB



To disengage the **EMB**, locate the two 4 mm Allen head screws on the motor. These screws sit finger-tight at rest. To release the parking brake, tighten both screws, which pulls the plate away from the motor. Always keep a 4 mm Allen key handy for this procedure.

### Warning

Never push or tow the vehicle while the key is in the "Run" position, doing so can cause severe damage to the motor and electrical components, posing a significant fire hazard.

In the event the battery is dead, please follow the manual release procedure to safely move the cart without risking damage.

## Storing and Charging

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

- Fully charge the battery system.
- Turn the **“RUN/OFF/EMB”** switch to the **“OFF”** position.
- Remove the key and keep it in a safe place.
- Ensure each tire is reading 20-25 psi.
- 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.

### Caution

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





## Maintenance & Service Precautions

The appropriate care must be used when performing maintenance, service, or installing accessories on the vehicle. Only trained and certified technicians should service or repair the vehicle and/or its battery charging system. Anyone performing even simple repairs or services should possess a solid understanding and experience in both electrical and mechanical repairs.

### Important Notice

Before performing any maintenance on the batteries, **it is crucial to cut all power to the vehicle.** To disconnect the power supply:

1. Ensure the vehicle is in "Park."
2. Turn the RUN/OFF/EMB switch to the "EMB" (tow) position.
3. Remove the key from the ignition.
- 4.

Once these steps are complete, you may proceed with routine maintenance.

### Safety Precautions

- Keep sparks and flames away from batteries, including avoiding smoking near them.
- If you come into direct contact with battery acid, flush immediately with large amounts of water.
- Do not wear loose clothing or conductive jewelry, such as rings, watches, or bracelets, while performing maintenance.
- Use insulated tools when working near the battery or power connections to prevent short-circuiting the vehicle.
- Before working under the vehicle, ensure the parking brake is engaged, the cart is in the "EMB" (tow) position, and the ignition key is removed.

Keep all warning labels, signs, and instructions provided by the manufacturer visible and intact.



## Lithium Battery Care

To maintain the performance and longevity of your lithium battery, please follow these essential care guidelines:

- **Cleaning:** Regularly clean cables and ensure the battery's surface is free of moisture, dirt, and debris.
- **Inspection:** Periodically check cables and ensure all connections to the battery are secure.
- **Recharging:** Recharge the battery as needed, following the recommended charging procedures.
- **Storage and Inactivity:** Monitor the vehicle during periods of inactivity, long-term storage, or when exposed to colder temperatures.

### Warning

**Never touch or attempt to secure terminal connections until the power to the vehicle is completely turned off.** To disengage power:

1. Turn the **RUN/OFF/EMB switch** to the **EMB** (towing) position.
2. Remove the key from the ignition.
3. Locate the **power switch** on the lithium battery and switch it off.
- 4.

**The power switch on the battery must be in the OFF position before interacting with the terminal connections.**



## Lithium Battery Features

These vehicles come equipped with a lithium battery system, offering superior performance and long-term reliability. While Lithium batteries are sealed and essentially maintenance-free, regular maintenance is still essential to ensure the system functions optimally. Below are some key maintenance and operational recommendations.

### Battery Maintenance

#### 1. Cables and Connections

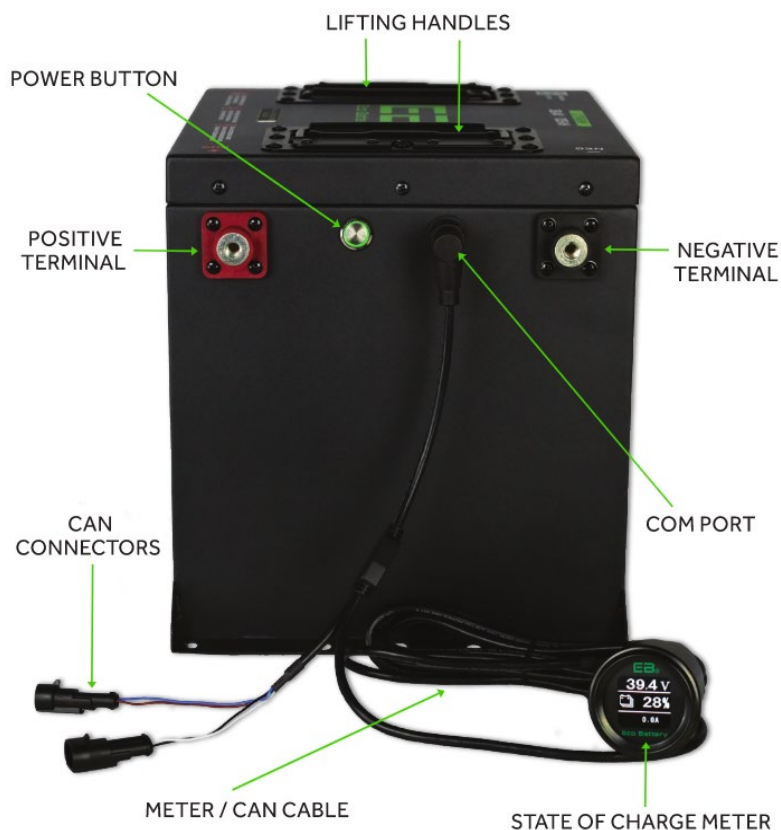
Periodically inspect the cables and connections for tightness. Ensure that no corrosion has formed on the terminals. Clean the terminals as necessary, but always ensure the vehicle is powered off before performing any maintenance.

#### 2. Charging

Recharge the battery regularly according to the vehicle's charging instructions. Regular charging will help extend the life of the battery and maintain optimal performance.

#### 3. Temperature and Storage Conditions

Store the vehicle and battery in a climate-controlled environment. Avoid extreme temperatures, as they can negatively affect the battery's lifespan and performance. Ensure the battery is stored in a dry, cool place when not in use for extended periods.



### Important Battery Functions

- **Power Button**

The power button is located on the side of the lithium battery. This button is used to turn the battery on or off. If the power is off, the vehicle will not run. This button is also important for performing maintenance, as it allows you to safely turn off the power before starting work on the vehicle.

- **Battery Charge Indicator**

For vehicles with a Lester charger, the **state of charge** (SOC) will be visible on the speedometer's LCD display. Keep an eye on the charge level and ensure that it's recharged when needed.



## Lithium Battery Resources

### Warning

#### Licensed Technician Only for Maintenance

Only licensed technicians should perform advanced battery maintenance. Routine checks (like cleaning terminals) can be done by the vehicle owner, **but only when the vehicle and battery are powered off**. For any service beyond basic care, please contact your local dealer or Eco Support.

### Warranty Considerations

Improper management of the battery can void the manufacturer's warranty and cause further operational issues. For full warranty details and maintenance guidance, refer to the official Eco Battery Manual.

- **Registering Your Eco Battery**  
You must register your Eco Battery within 90 days of purchase to activate your 8-year warranty. For registration, visit the Eco Battery Registration Page.
- **Submitting Warranty Claims**  
To submit a warranty claim, please visit the Eco Battery Warranty Claims Page.
- **Eco Battery Support**  
For any support inquiries or questions, please reach out to Eco Battery Support via email: support@ecobattery.com

### Important Notice - Eco Battery

**Battery Sleep Mode** If the battery doesn't receive more than a 4.5-amp draw or charge within a 24-hour period while the battery charge is under 20%, it will enter **sleep mode**. Similarly, if the battery charge is between 21%-100% and it doesn't receive more than a 4.5-amp draw or charge within a 7-day period, it will also enter **sleep mode**.

Please ensure that the battery is properly charged or in use to prevent it from entering sleep mode, which could impact its functionality.

**Note:** For detailed instructions, always refer to the **Eco Battery Manual** to ensure proper handling and care of your vehicle's battery system.

## Regular Maintenance Checklist

C=Check, CA=Check/Adjust, R=Replace, S=Perform, CL=Clean/Lubricate						
	Before Use	Every month/20 hours/ 100 mile	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	CL	CL	CL	CL

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

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