

ZEBRA

ELECTRIC GOLF CART OWNER'S MANUAL

Safety | Operation | Maintenance

BEFORE FIRST USE

Read this guide before operating your cart. Controls, installed features and specifications vary by model. Use the vehicle label and cart-specific documents for exact ratings.

zebragolfcart.com



Welcome to Zebra

Owner's guide for Zebra-branded electric golf carts

Thank you for choosing a Zebra electric golf cart. This manual provides general guidance for safe operation, vehicle controls, charging, maintenance and basic troubleshooting.

Equipment and controls vary by model and configuration. Some features described in this guide may not be installed on your cart. Follow only the instructions that match your vehicle and its labels.

Before the first drive, read this manual and the documents supplied with your cart. Keep them with the vehicle. Use the VIN-specific build sheet or vehicle label for exact battery, motor, tire, load and speed ratings.

Important

This guide is not a repair manual. Do not open high-voltage components or perform work that your model-specific service instructions reserve for a qualified technician.

For model information or service, contact Zebra E-Carts Corp. at support@zebragolfcart.com or visit zebragolfcart.com.

Important Vehicle Notices

Read these points before operating or servicing the cart.

01 Read labels first

Read this manual and every safety label on the cart before the first drive.

02 Use designated seats

Carry only the number of occupants permitted for this vehicle. Everyone must use the supplied seat belt.

03 Use this cart's ratings

Use tire pressure, passenger, cargo and speed limits listed for this specific cart.

04 Stop for safety faults

Do not drive if brakes, steering, tires, lights, belts or safety indicators are faulty.

05 High-voltage hazard

Never touch battery terminals or open the battery, controller or high-voltage wiring.

06 Use the matching charger

Charge only with the charger approved for this cart, in a dry and ventilated place.

07 Do not modify safety systems

Do not alter speed controls, brakes, steering or electrical safety systems.

08 Keep vehicle records

Use the VIN and vehicle-specific documents for exact ratings and service intervals.

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Safety Information

Follow the warnings on the cart and the rules that apply where you drive.

Warning

A warning identifies a hazard that could cause serious injury or death. A caution identifies a hazard that could cause minor or moderate injury. Stop and resolve a safety problem before driving.

01 Driver and passengers

Drive only when alert and able to control the cart. Keep all occupants seated, keep hands and feet inside, and use the provided seat belts. Never exceed the occupant or cargo limits on the vehicle label.

02 Speed and surroundings

Reduce speed for turns, slopes, uneven surfaces, limited visibility and nearby pedestrians. Avoid abrupt steering, acceleration and braking. Leave extra stopping distance and never coast in neutral on a slope.

Before You Drive

Make these checks before every trip.

- Confirm the charging cable is disconnected and the vehicle is in the correct starting state.
- Check that the tires look sound and are inflated to the cold pressure shown for this cart.
- Check that the brakes, steering, parking brake, lights, horn, mirrors and seat belts work.
- Make sure seats are secure, passengers are seated and cargo is secured within the rated limit.
- Check the displayed battery level and look for warning lights or messages.
- Do not drive if a tire is damaged, the cart pulls, a brake or steering warning appears, or a safety device does not work.

Weather, slopes and water

Use extra care on wet or loose surfaces and on hills. Avoid puddles and floodwater; water can damage electrical parts and reduce control. If water reaches electrical equipment, stop using the cart and arrange an inspection.

Children, Parking and Service Safety

01 Children and passengers

Children must be supervised by an adult and must use only designated seats. Never carry a passenger on a lap, stand on the cart or ride on a cargo platform. Follow applicable child-restraint and traffic rules.

02 High voltage and battery

Keep hands, tools and metal objects away from battery terminals, exposed conductors and the controller. Do not open, probe or repair the battery, charger or controller. Refer electrical faults to qualified service personnel.

03 Parking and modifications

Stop fully, select neutral or park as labeled, engage the parking brake, turn the cart off and remove the key. Chock the wheels when needed. Do not change brakes, steering, speed controls or electrical safety systems.

Vehicle Controls and Features

- **main switch**

- ✧ The vehicle's main switch is located beneath the seat in the battery compartment; it is a 3-position push-button switch. Before starting the vehicle, you must set the main switch to the "RUN" position.
- ✧ The main switch has three positions: "RUN", "OFF", and "MANUAL EMB". The "RUN" position is the most frequently used; the "OFF" position is the default middle setting; and the "MANUAL EMB" position is only used when manual operation of the vehicle is required.



- **key switch**

- ✧ When you purchase the vehicle, you will receive two keys; either key can be used to start this vehicle.
- ✧ The power switch is located on the left side of the center console; it



- ✧ Insert the key into the ignition switch, turn it to the right, and the vehicle will start.
- ✧ Note: Before starting the vehicle, please set the forward/reverse switch to the middle neutral position.
- ✧ Turn the key counterclockwise to shut off the vehicle's power supply.



- **One-touch start button switch**

- ✧ Your vehicle may be equipped with a one-touch start button to replace the mechanical key switch; this one-touch start button is also located on the left side of the center console.
- ✧ Vehicles equipped with a one-touch start feature will come with two remote keys. Press the unlock button on the remote control once; the one-touch start switch will then be activated, the backlight will illuminate, and it will begin to flash. At this point, simply press the switch to power up the vehicle, allowing it to start driving.



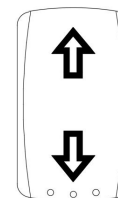
button switch will continue to flash. Press the lock button on the remote control once to deactivate the one-touch start button switch, which will turn off the background light; the vehicle will then be unable to move.

- ✧ Note: If you forget to use the remote control to lock the vehicle, the one-touch start button will flash continuously for 5 minutes before automatically turning off; at this point, you must use the remote control to unlock the vehicle before it can be used. However, during the period before the background light of the one-touch start button turns off, anyone may press the button to start the vehicle.

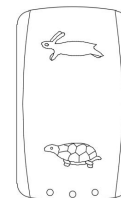
- **Forward/Reverse Switch**

The Forward/Reverse switch is located on the right side of the multi-function switch; it has a total of 3 gear positions, each of which determines the direction in which the vehicle moves.

Note: Please switch between forward and reverse gears only after the vehicle has come to a complete stop.

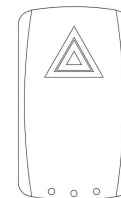


The driving mode switch is located in the lower left corner of the instrument cluster and has two positions: the rabbit icon indicates high-speed mode, while the turtle icon indicates low-speed mode.



- **Warning Light Switch**

The hazard warning light switch is located in the center of the instrument panel and has two positions. When pressed, all turn signals will flash simultaneously.

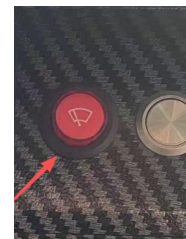


- **Ambient lighting main switch**

The ambient lighting main switch is located in the lower right corner of the instrument panel and serves as the master switch for controlling the ceiling ambient lights, chassis lights, and instrument panel ambient lights.



The windshield wiper switch is located on the right side of the instrument panel; a single press will activate the wipers once, while holding down the switch will keep the wipers running continuously.



- **Front hood switch**

The front dashboard cover switch is a metal switch located on the right side of the instrument panel; when the switch is pressed, the cover will open automatically.

Note: Do not hold the metal switch down for an extended period, as this may cause a short circuit. If the power-on/off cover remains pressed and does not open, the cover lock may be stuck; in this case, try using a card to gently pry open the gap at the cover edge to check if it has opened. If the cover does not open, please contact after-sales service for repair.

- **combination switch**

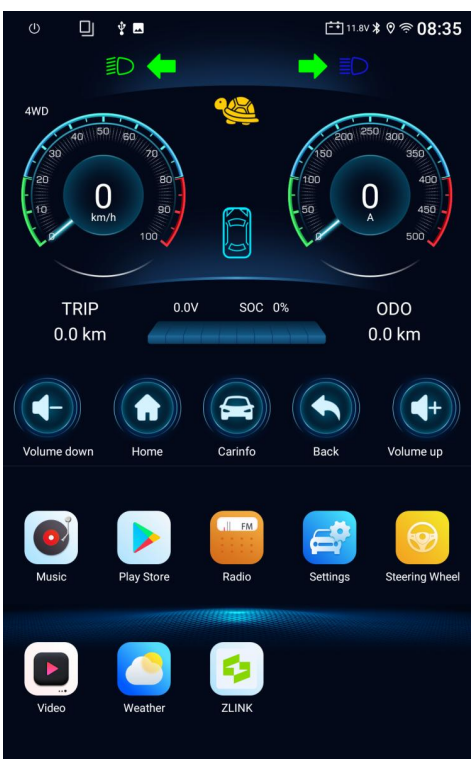
The headlight knob is located on the left side beneath the steering wheel and is used to operate the vehicle's lighting system, such as the low beam, high beam, far/near light switch, left/right turn signals, and horn. The gear shifter is located on the right side beneath the steering wheel and is used to change the vehicle's driving direction.



● Instrumentation and Indicator Lights

- ✧ The instrument cluster displays a variety of important information, such as vehicle speed, total mileage, current mileage, battery level, battery voltage, and current; at the top of the cluster, there is a row of warning lights that illuminate when the turn signal, low beam, or high beam is activated, respectively.
- ✧ The device also features a multimedia playback function: it can connect via Bluetooth to a mobile phone to play audio and video, or use the USB interface to play audio and video files from external storage devices.
- ✧ The 12.95-inch instrument panel runs on Android and allows you to download your desired apps from the app store (see image below right).

Note: To use the CarPlay feature on Android devices, simply tap the ZLINK app.



- Pedals

- ✧ Brake pedal (left pedal, shown in the figure)

1. When you press the brake pedal, the brakes on all four wheels of the vehicle will engage. Upon releasing the pedal, the braking action is disengaged. In cold, humid, or icy weather conditions, it may occur that the brakes produce occasional screeching sounds; this is a normal phenomenon. However, if the screeching sound is excessively loud and occurs every time the brakes are applied, the brakes should be inspected.

2. In non-emergency situations, do not press the brake pedal too forcefully.

- ✧ Accelerator pedal (right pedal, shown in the figure)

This pedal adjusts the motor's rotational speed by controlling its current. When the pedal is pressed, the current increases, raising the motor's rotational speed, which in turn increases the motor's output power and the vehicle's speed.

Note: To ensure your safety and the safety of other passengers, please do not press the accelerator pedal too abruptly. Sudden acceleration places a significant load on the motor; pressing the



Stopping, Parking and Disabled Carts

Parking and brake controls vary by model. Follow the labels fitted to your cart.

01 Normal parking

Bring the cart to a complete stop. Select neutral or park as shown on the vehicle, apply the parking brake, switch the cart off and remove the key. On an incline, avoid parking if possible; if unavoidable, secure the wheels against movement.

02 Confirm it is secured

Check the parking-brake indicator or control and make sure the vehicle cannot roll before leaving it. Keep passengers clear while parking or moving the cart.

If the cart will not move

Do not tow, push or manually release the parking brake unless the written instructions for your exact model permit it. Secure the cart against rolling and contact Zebra or a qualified service technician.

Charging the Cart

Use the charger and charging steps supplied for your exact battery system.

01 Park and switch off

Park on a stable, level surface, engage the parking brake and turn the cart off.

02 Inspect first

Check the charger, cable, plug and vehicle port for damage, moisture, corrosion or debris. Do not charge if any part is damaged or wet.

03 Use the matching charger

Use only the supplied or Zebra-approved charger for this cart. Do not substitute a charger based on appearance or connector fit.

04 Choose a safe location

Charge in a dry, ventilated area away from open flame, sparks, heat sources and combustible materials.

Charging and Battery Care

- Connect and disconnect the charger in the order shown on the charger or cart label. Keep the port cover and connector dry.
- Follow the charger indicators and the battery instructions supplied with the vehicle. Do not assume a charge time or indicator meaning from another model.
- Stop charging if the battery or charger becomes unusually hot, smells burnt, sparks, smokes or shows a fault. If safe, switch off power and contact service.
- Do not open or modify a charger, battery enclosure or charging cable. Do not insert tools or metal objects into the charging port.
- For storage, use the battery instructions supplied with your cart. Do not leave the battery depleted for an extended period.

Battery handling

The battery may be heavy. Do not remove or lift it without suitable equipment and trained assistance. Battery inspection and electrical service must be performed by qualified personnel.

- ✧ The front seat configuration is designed for a maximum of 2 occupants; both the driver and the front passenger must always fasten their seatbelts while the vehicle is in motion.
- ✧ Each row of seats in the rear of the vehicle is designed for a maximum of 2 passengers; rear-seat passengers must always fasten their seatbelts while the vehicle is in motion.
- ✧ Vehicles equipped with electric seats must adjust the seats to the appropriate angle before driving and verify that the test function is operating correctly.
- ✧ Before driving, check the firmness of the seat back to prevent injuries caused by loose screws.
- ✧ The rear folding seats can be flipped open to create a simple cargo platform; to optimize space utilization, a storage compartment is provided beneath the seats.



Optional Equipment

Use these instructions only when the described equipment is installed on your cart.

01 Drive modes

If your cart has a two-wheel or four-wheel drive selector, follow the switch labels and model-specific instructions. Do not change modes while moving unless the instructions for that model explicitly allow it. Drive modes can change handling and traction.

02 Electronic parking brake

If fitted, use the parking-brake switch and confirm the indicator before leaving the cart. If the brake will not engage or release, do not force the vehicle to move; secure it and arrange service.

03 Rear folding seats or cargo platform

Use only as described for the installed seat assembly. Secure cargo within the vehicle's rated load and keep hands clear of folding or moving parts. Never carry a person on a cargo platform.

Driving Guidelines

Before your first trip

Get familiar with the cart in a clear, level area away from traffic. Adjust mirrors and seats, fasten seat belts, and check the forward, reverse and brake controls before carrying passengers.

01 Start gently

Use gradual acceleration and braking while learning the cart. Follow the model-specific instructions for any initial-use or break-in requirements. Stay within the passenger and cargo limits on the vehicle label.

02 Plan a safe route

Avoid steep, rough or flooded areas unless your cart is rated and equipped for them. Keep speed appropriate to visibility, surface conditions, traffic and stopping distance.

Before carrying passengers

Practice stopping and turning in an open area. Do not carry passengers until you can operate the cart smoothly and safely.

Pre-Drive Inspection

01 Tires and wheels

Inspect for cuts, bulges, embedded objects or visible damage. Use the pressure listed for this cart; do not use a value from another tire or model.

02 Brakes and steering

Confirm normal operation before moving. If the cart pulls, makes unusual noise or does not stop smoothly, do not drive.

03 Lights and visibility

Check lights, turn signals, mirrors and windshield. Clear anything that blocks the driver's view.

04 Passengers and cargo

Seat occupants in designated seats, fasten belts and secure cargo within the cart's rated limits.

Wheel hardware

If a wheel fastener appears loose or missing, do not drive. Have a qualified technician inspect and tighten it to the specification for your cart.

Replace a tire at its wear indicator or if it is damaged.

- ✧ Check that the instrument battery's battery level is within normal range; if the battery level is insufficient, it needs to be charged.
- ✧ Ensure that the braking system functions properly. When the brake pedal is depressed with moderate pressure, the vehicle should come to a smooth, straight stop.

 **Warning:** If you suspect any brake issues, please consult a dealer before using the vehicle. Brake failure may lead to serious accidents. Failure to follow the safety instructions in this manual may result in death or severe personal injury.

- **Starting and Driving**

- ✧ Before starting the vehicle, observe the surrounding area for pedestrians or other passing vehicles; then shift into gear, slowly press the accelerator pedal, and ^{the cart will begin to move.}
- ✧ When riding an electric vehicle on a slope, your speed will decrease; in such cases, you should press down on the accelerator pedal to increase the driving force. When descending a long slope, it is advisable to keep the brake pedal pressed to avoid speeds that could pose a danger.

- **Driving in bad weather**

precautions:

- ◆ Do not apply the brake pedal abruptly; instead, press the pedal evenly and steadily in a rhythmic manner to avoid wheel lock-up, as wheel lock-up will increase the braking distance.
- ◆ When starting or accelerating, exercise caution; sudden acceleration or abrupt braking may cause the wheels to spin or skid, resulting in lateral movement of the vehicle.
- ◆ Avoid making abrupt or excessive steering movements; when turning, operate the steering wheel smoothly at a safe speed.
- ◆ Avoid puddles and floodwater. Water can damage electrical parts or reduce control.

- Energy-efficient driving techniques

✧ Avoid sudden acceleration when starting the vehicle.

- ◆ During rapid acceleration starts, the current in the high-voltage circuit can become very high. Frequent rapid acceleration starts may adversely affect the lifespan of both the motor controller and the power battery, while also reducing the driving range.

✧ Avoid sudden braking.

- ◆ Sudden braking should be avoided as much as possible, because sudden braking not only accelerates the wear of the brake pads but also affects the motor controller due to the current

lifespan of the motor controller.

- ✧ Maintain a steady driving speed
 - ◆ Where road and traffic conditions permit, vehicles should maintain a steady speed. When starting from rest or accelerating to a certain speed, the accelerator pedal may be slightly released to maintain the current vehicle speed.
- ✧ Maintain normal tire pressure
 - ◆ Insufficient tire pressure can increase rolling resistance, leading to higher electrical energy consumption; therefore, it is essential to maintain proper tire pressure.

- **Accessories and Modifications**

- ✧ If electronic accessories are installed incorrectly or exceed the capacity of the vehicle's electrical system, they may adversely affect the vehicle's handling.
- ✧ Before installing any accessories, please note the following:
 - ◆ It has been confirmed that the attachment will not cause any dimming of the vehicle lights, nor will it affect the normal operation or performance of the electric vehicle.
 - ◆ Before installing electronic accessories, ask Zebra or a qualified technician to confirm compatibility and electrical capacity.
- ◆ Before installing any electronic accessories, you should contact your dealer or agent.

Do not remove any original equipment, nor may you modify the original design or operation due to customization; otherwise, the vehicle's safety will be compromised.



Warning: Installing inappropriate accessories or modifying the vehicle may adversely affect its handling, stability, and other performance characteristics, potentially leading to on-board accidents that may result in injuries or fatalities. Unauthorized modifications can create safety risks and affect vehicle operation.

Maintenance & Care

- **The Importance of Maintenance**

The performance of a vehicle may change as its mileage increases and under the influence of various factors, potentially leading to diminished power performance and reliability. Therefore, during operation, it is essential to perform necessary maintenance on the vehicle; this not only extends the service life of the battery and enhances overall vehicle performance but also enables the timely detection and elimination of potential hazards, thereby preventing malfunctions from occurring. Regular maintenance of the vehicle is the most effective way to save on investment.

- **Maintenance Precautions**

- ✧ When performing maintenance, if disassembly or decomposition of parts is necessary, you should

authorized dealer before proceeding with the work.

- ✧ When marking parts to prevent reassembly errors and facilitate assembly operations, markings should be applied at locations that do not affect the part's functional performance or appearance. Additionally, the following points should be observed:
 - ◆ Arrange the components neatly in the order of removal.
 - ◆ Identify the parts that need to be replaced and the parts that can be reused.
 - ◆ If bolts, nuts, or other components need to be replaced, ensure that identical specifications are used, and tighten them according to the specified torque value.
- ✧ If any of the following parts are removed, the new parts must be replaced.
 - ◆ pad
 - ◆ Seal gasket
 - ◆ O molding ring
 - ◆ lock washer
 - ◆ Split pin
 - ◆ self-locking nut
 - ◆ Glue-coated bolts and nuts
- ✧ When replacing parts, use components of the same specifications to avoid affecting the overall

- ✧ During maintenance, protect brake fluid and other service fluids from paint and rubber components. Clean spills promptly and follow cart-specific service instructions.

- **Safety Precautions for Maintenance**

When performing preventive maintenance on vehicles, special care should be taken to avoid accidental damage; the most effective safety precautions should be those that are appropriate for actual operating conditions and practically feasible. The following are several key precautions—please strictly adhere to them.

- ✧ Once the motor has begun rotating, avoid allowing your hands, clothing, or tools to come into contact with the motor's output shaft. Additionally, you should first remove rings, gloves, neckties, and other similar items.
- ✧ Near the battery, do not smoke or ignite anything, and do not touch any of the battery's electrodes or any exposed conductive metal parts with your hands.
- ✧ When using a jack to lift a vehicle, personnel must not climb under the vehicle.
- ✧ When performing work beneath vehicles, eye protection must be used to prevent injury to the eyes caused by falling objects or liquids. Additionally, first-aid eyewash facilities should be readily available.
- ✧ Avoid letting conductive metal objects fall onto the battery; it is strictly prohibited to place wrenches or other tools on the battery to prevent a short circuit.

Maintenance and Care

Routine checks help identify problems before they affect safe operation.

01 Before each trip

Check tire condition, brakes, steering, seat belts, lights, horn, mirrors, battery display and visible warning indicators. Check that seats and cargo are secure.

Cleaning

Do not direct a pressure washer or strong water jet at the battery, motor, controller, charger, display or connectors. Dry the charging area before plugging in.

Use only cleaning products approved for the cart's surfaces. If water enters an electrical enclosure, stop using the vehicle and arrange an inspection.

Service Checks and Schedule

Check tire pressure when tires are cold and use the value on the vehicle label. Inspect tires for uneven wear, cuts, bulges and damage. Replace damaged tires and have questionable tires inspected by a professional.

Check that lights, belts, mirrors, steering and brakes work before use. A low brake-fluid indication, fluid leak, unusual noise, loose wheel or warning message requires attention before the next trip.

Model-specific service

Use the maintenance schedule supplied for your cart's VIN and configuration. Service intervals and approved fluids or parts can differ between models.

- Have a qualified technician inspect the brakes, steering, suspension, motor, drive axle, battery, controller, wiring and fasteners at the required intervals.
- Do not work under a cart supported only by a jack. Use proper stands and trained service personnel.
- Keep dated service records with the cart's VIN and repair details.

Battery, Lights and Fuses

01 Lithium battery

Keep the battery enclosure clean and dry. Do not add water or chemicals, measure individual cells, tighten internal connections or open the battery case. Refer warning lights, damage or unusual heat to qualified service.

02 Exterior lights

Check headlights, brake lights and turn signals regularly. Replace bulbs or integrated lighting only with the specified part; ask a technician if access requires electrical disassembly.

Fuse replacement

Replace a fuse only if the vehicle label or model-specific instructions identify it as owner-serviceable. Use the exact rating shown on the fuse label. Never bridge a fuse or install a higher-rated fuse. If it blows again, stop and contact service.

Vehicle-Specific Information

Exact ratings depend on the cart's model and build.

Use the vehicle identification label, VIN-specific build sheet and purchase documents for the battery chemistry, rated voltage and capacity, motor and controller ratings, tire size and pressure, passenger and cargo limits, speed rating, range and dimensions.

Do not transfer ratings

Do not use a specification from another cart or configuration. If a rating is missing or the label is unreadable, contact Zebra E-Carts Corp. before operating or servicing the vehicle.

Record for this cart	Vehicle-specific value
Model and VIN	See vehicle label and bill of sale
Battery and charger	See VIN-specific build sheet
Tire size and cold pressure	See vehicle label
Occupant and cargo limits	See vehicle label
Service intervals	See vehicle-specific maintenance schedule

Troubleshooting

Start with the safe checks below. Stop if a safety system is affected.

Symptom	Safe action
Cart will not power on	Confirm the key or start control is in the correct position, the direction selector is neutral if required, and the display shows charge. If it remains off, record any warning and contact service.
Cart will not move or has reduced power	Check the direction selector and parking-brake indicator. Do not repeatedly press the accelerator. Stop if a warning appears or power loss continues.
Battery will not charge	Use the approved charger. Check that the outlet works and that the cable and dry charging port are undamaged. Stop if the charger shows a fault or becomes unusually hot.
Unusual noise, smell, heat or smoke	Stop in a safe place, switch off if safe and keep people away. Do not restart or charge the cart. Contact service; call emergency services if there is fire or immediate danger.

When to Contact Service

Stop using the cart and arrange service if brakes or steering do not work normally, a tire or wheel is damaged, a warning persists, the cart has been exposed to water, or charging repeatedly fails.

01 Information to provide

Share the VIN, model, a photo of any warning message, the battery display, what happened just before the fault and whether the cart was charging or moving.

Do not attempt high-voltage diagnosis

Do not open the battery, controller or charger; test battery cells; bypass a fuse; short electrical contacts; or manually release a parking brake unless the instructions for your exact model expressly authorize the procedure.

Contact Zebra E-Carts Corp. at support@zebragolfcart.com or visit zebragolfcart.com. Do not operate the cart again until a safety-related fault has been checked.