

User Manual

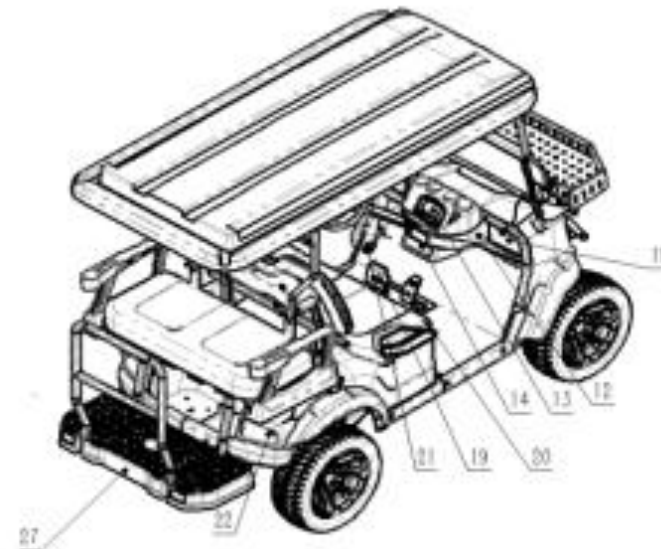
X402 Golf Cart

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Chapter I Main Parts Diagram

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|----|---------------------------------|----|---------------------------------|
| 1 | Ceiling | 16 | Front grid tray |
| 2 | Front housing | 17 | Steering system |
| 3 | Back frame | 18 | Head lamp assembly |
| 4 | Front folding windscreen | 19 | Foot brake assembly |
| 5 | Left backup mirror | 20 | Accelerator |
| 6 | Right rearview | 21 | Parking pedal |
| 7 | Rear-view mirror | 22 | Rear lamp assembly |
| 8 | Front bumper | 23 | Front wheel assembly |
| 9 | Basket | 24 | Rear wheel |
| 10 | Front left disc brake assembly | 25 | Steering wheel |
| 11 | Front right disc brake assembly | 26 | Seat assembly |
| 12 | Instrument panel | 27 | Rear standing panel assembly |
| 13 | Instrument assembly | 28 | Front, left and right ornaments |
| 14 | MP4 | 29 | Rear, left and right ornaments |
| 15 | Storage box | | |



Chapter II Technical Parameters

	JXG-X201 (2 coach)	JXG-X402 (2+2 coach)	JXG-X401 (4 coach)	JXG-X602 (4+2 coach)
Model pictures				
Full forward speed	35-45Km/h	35-45Km/h	35-45Km/h	35-45Km/h
Highest astern speed	20Km/h	20Km/h	20Km/h	20Km/h
Braking distance	≤6m	≤4m	≤6m	≤6m
Minimum turning radius	≤3m	≤3m	≤4.2m	≤4.2m
Grade climbing ability (full load)	≥30°	≥30°	≥30°	≥30°
Driving range	80Km--100Km	80Km--100Km	80Km--100Km	80Km--100Km
Running noise	≤65db	≤65db	≤65db	≤65db
Total length L	2460±1% (mm)	2900±1% (mm)	3260±1% (mm)	3650±1% (mm)
Total width B	1340±2% (mm)	1340±2% (mm)	1340±2% (mm)	1340±2% (mm)
Total height H	1950±2% (mm)	2050±2% (mm)	2050±2% (mm)	2050±2% (mm)
Front and back roller wheelbase	1700±1% (mm)	1700±1% (mm)	2440±1% (mm)	2440±1% (mm)
Front/Rear tread	960/1000±2%(mm)	960/1000±2%(mm)	960/1000±2%(mm)	960/1000±2%(mm)
Ground clearance	160mm	160mm	160mm	160mm
Wheel specification	23×10-12 (aluminum wheel)	23×10-12 (aluminum wheel)	23×10-12 (aluminum wheel)	23×10-12 (aluminum wheel)
Complete cart net weight	580±5% (Kg)(battery included)	670±5% (Kg)(battery included)	700±5% (Kg)(battery included)	750±5% (Kg)(battery included)
Maximum load	300Kg	400Kg	400Kg	540Kg
Motor	48V 5Kw	48V 5Kw	48V 5Kw	48V 5Kw
Storage battery	6pcs/8V/150AH	6pcs/8V/150AH	6pcs/8V/150AH	6pcs/8V/150AH
Controller	48V 350A	48V 350A	48V 350A	48V 350A
Charger	48VDC 25A	48VDC 25A	48VDC 25A	48VDC 25A
Charging time	Charging time 6-8h	Charging time 6-8h	Charging time 6-8h	Charging time 6-8h

Chapter III The Use of Electric Carts

Section 1 New cart inspection

To ensure safe driving, new carts shall undergo the following inspections before being put into use:

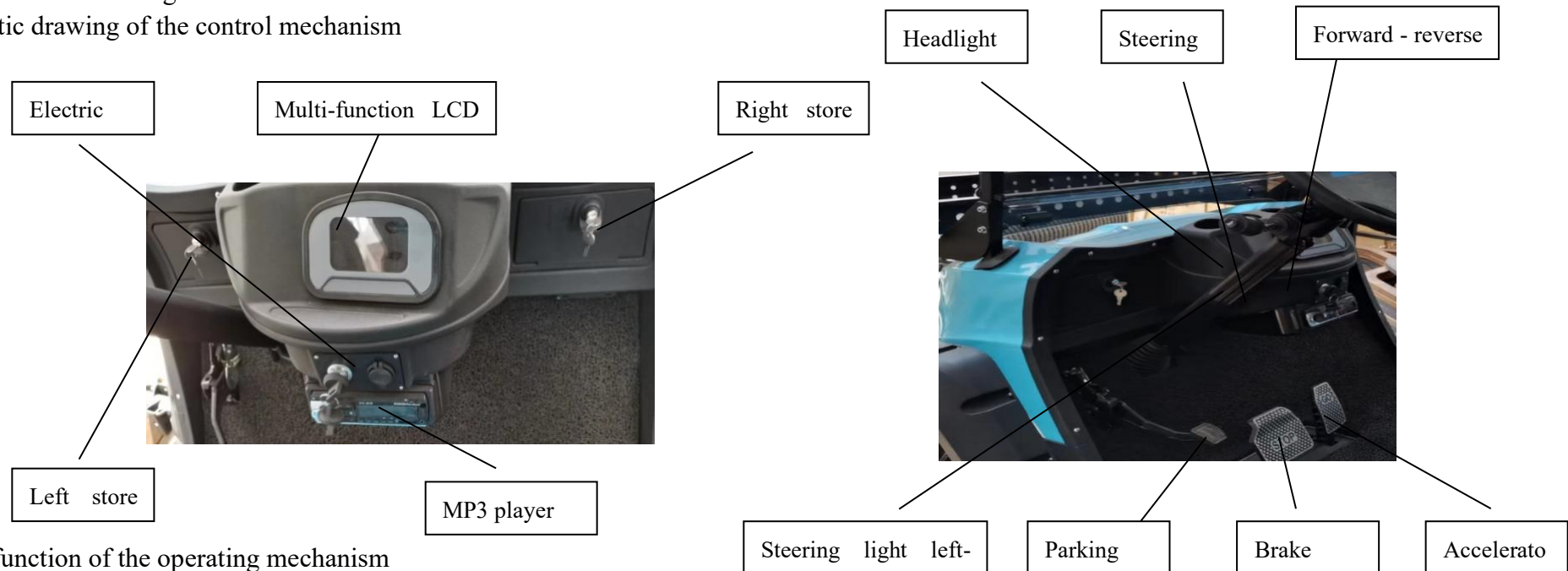
1. Check the connection and fastening of various parts, especially notice the transmission, steering, braking, suspension, and wheels.
2. Check the secure connection of the battery.
3. Check the operation of the braking system. Check if the brakes are not working properly or provided that there is any braking deviation.
4. Check the operation of the steering mechanism for looseness and jamming.
5. Measure whether the tire pressure meets the regulations, with a tire pressure of 200 kPa

The above items must meet the requirements before being put into use.

Section 2 Operation, monitoring components and operation sequence

I. Operation monitoring device

Schematic drawing of the control mechanism



II. The function of the operating mechanism

1. Electric lock switch - installed under the steering wheel, is the power switch of the electrical system. Insert the key and rotate it clockwise to turn on the power supply of the lighting system and control system. When returning, turn off the power supply. Turn off the electric lock when parking and charging. Quickly turn off the electric lock switch in emergency situations.
2. Multi-functional LCD - voltmeter used to display the battery power and display the speed instantly.
3. Forward reverse switch - establish the lower side of the steering wheel to control the on-off of the reversing device. Press the switch above indicates a forward state, press the switch below indicates a backward state, and the middle position indicates a stop operation state.
4. Steering light left- right switch- set on the operating lever to control the sign of the reversing device. Press the switch to the left to turn left, press the switch to the right to turn right, and the middle position to run normally.
5. Headlight switch - set on the operating lever to control the on-off of the headlights. Press the left side of the switch to turn it on (the headlights are on), and press the right side of the switch to turn it off (the headlights are off).
6. Electricity meter - installed on a multifunctional LCD display screen. The range varies as per the cart model. The scale falls into red, yellow, and green areas. The green area indicates that the battery is fully charged. As the battery consumption increases, the pointer will decrease from right to left in sequence. When the pointer drops to the yellow area, it indicates that the battery is low in charge but can be used. When the pointer drops to the red area, the cart should be timely stopped and charged.
7. Accelerator pedal - installed in the driver's cab to control the cart's driving speed. After activating the electric lock, the cart speed changes with the position of the pedal. When the pedal is fully pressed, the output power is maximized. Release the pedal, turn off the running switch, and the cart is in a sliding state. Notes: Do not step on the accelerator pedal before opening the electric lock, otherwise the cart will enter a protected state and cannot work.
8. Brake pedal - When the cart is in motion, slowly pressing the brake pedal can bring the cart to a stop.
9. Parking pedal - After the cart has stopped, pressing the parking pedal can put the cart in a parking state. When re-parking, simply press the accelerator pedal to release the parking.

III. Operating sequence

1. Check if the charging plug is connected to the charging socket and unplug the charging plug.
2. Turn on the electric lock switch.
3. Release the parking brake pedal;
4. Slowly press the accelerator pedal and the cart begins to move.

IV. Safety operation rules

▽ Warning: cart users should ensure that the driver understands the cart's operating system and its characteristics, and observe the following safety operating rules:

- a) If the accelerator pedal is pressed first and then the power lock is turned on, the cart will not be able to drive. At this point, the pedal shall be released and then re-pressed before the cart can run.
- b) This cart is a non-highway cart and must not be driven on highways or streets.
- c) Do not overweight or force yourself to climb slopes beyond the limit, otherwise it may damage the motor and electronic control system, and shorten the service

life of the entire cart.

- d) Personnel who have not received driving training are not allowed to drive carts.
- e) Do not overtake at intersections, blind spots or other dangerous areas.

Section 3 New cart running-in

The service life, reliability, and economy of electric carts largely depend on the initial running in and out of use. The running distance is 800 Km. If conditions permit, it's best to extend it to 1200 Km. During the running in period, it should be operated at a lower speed. Run in the components in one stage to improve their surface quality and fitting accuracy, and avoid early wear and tear of the cart.

The following rules shall be observed during the running-in period:

1. After starting, try to avoid sudden starts, rapid acceleration, and unnecessary emergency braking.
2. During the running-in period, the cart speed shall be controlled within 25 km/h.
3. Regularly check the temperature of the rear axle, wheel hub, and brake drum. In case that there is overheating, check and troubleshoot.
4. During driving, it's necessary to change the speed frequently as per the road conditions, and do not drive continuously for a long time.
5. When the running in mileage reaches 500 km, check the fastening of the steering system, front suspension, and transmission shaft, and tighten them when necessary. Check the sensitivity of the braking system and promptly eliminate any unreliable issues.
6. During the running-in period, the battery shall not be discharged deeply, and excessive discharge is absolutely not allowed.
7. At the end of running in, replace the lubricating oil of the transmission and rear axle, check and tighten the fasteners such as the U-shaped bolt and nut of the leaf spring.

Precautions:

1. When driving, the parking pedal brake should be released to avoid burning the brake pads.
2. The rear powertrain must be filled and replaced with lubricating grease as per the instructions.
3. Be sure to check whether the rated current of new protecting device is correct when replacing the protecting device.
4. It's strictly prohibited to forcefully step on the accelerator and frequently jog the accelerator to avoid shortening the lifespan of the electronic control.
5. It's strictly prohibited to drive at high speed when going downhill. Slow down when turning, and remind customers to hold onto the handrails when turning or going downhill to avoid safety accidents.
6. Children are strictly prohibited from playing on carts. When driving, children should sit in the middle and be protected by adults to prevent children from falling off the cart.
7. It's strictly prohibited to park on slopes greater than 5% when driving without a driver.

Section 4 Maintenance and adjustment

After driving an electric cart for a period of time or mileage, it's necessary to inspect and maintain it to see provided that there are any worn parts. In case that any parts are found, please promptly replace them, but use qualified parts produced by the original factory.

- 一. Check and adjust

1. Steering system: Rotate the steering wheel slightly to the left or right to check the clearance of the steering device, and there should be a 0-10 ° angle in its circumferential direction. When driving slowly on flat ground without vibration, turn the steering wheel to the left or right to check its lightness and stability.
2. Brake pedal: The minimum height between the brake pedal and the cart floor is 20mm, and the free stroke of the pedal is 8-15mm. In case of exceeding the range, it shall be adjusted until it is qualified.
3. Parking pedal: When the parking pedal cannot be used, it shall check the braking condition of the rear wheels and the adjustment of the brake assembly. Press the parking pedal with approximately 60N of force, and the parking hook can stop between approximately 1 and 2 teeth. Provided that the cart remains stationary, it is considered normal. If not, please adjust it.
4. Tires: It shall be checked as per the standard, and the tire pressure is 200kPa. When it's cold, check the tire pressure. Excessive tire pressure is dangerous. Also, check the locking nuts of the tires regularly.
Tire conversion: To avoid uneven tire wear and prolong the service life of tires, electric carts should rotate tires when driving 5000 km from the factory. The tire pressure should be adjusted properly during rotation. When changing tires, the four tire specifications shall be consistent.

Chapter IV Chassis and Covering Parts

Section 1 Suspension

I. Services

(I) Rubber parts

Frequently check the front suspension damper piston rod buffer sleeve, rubber bushing, front and rear suspension leaf spring rubber bushing, front suspension swing arm bracket left and right rubber bushing. If it's worn or cracked, it shall be replaced immediately. Special notes: This type of rubber sleeve is not oil resistant rubber, and it's absolutely not allowed to be stained with any oil or any form of lubrication.

(II) Front and rear plate spring

Frequently check the central bolt, U-shaped bolt and nut of the leaf spring. Provided that they are loose, they should be tightened in time. When installing, the end of the leaf spring with a longer size should be facing forward and should not be installed incorrectly.

(III) Check the fastening of the assembly screws when installing the shock absorber spring.

Section 2 The wheel and rim

I. Construction

1. The tire is a vacuum tire, and the rim is an overall deep groove wide rim.
2. The bolt holes used for installation are spherical to ensure alignment between the wheel and the rim.
3. The wheel rims are made of ductile iron, and the rear wheel rims and brake drums are cast together.
4. The rear wheel rim is directly fixed to the outer end of the rear half shaft with bolts.

II. Maintenance

1. During use, it's important to regularly check the tire pressure and inflate the tire in accordance with the tire pressure standards. Inflation should be carried out gradually until the specified air pressure is obtained.
2. Check the wheel hub and spoke for cracks, dents, and deformations. Severely damaged wheels must be replaced.
3. The wheel nuts must not be missing or loose, otherwise they shall be tightened. Tightening torque 60~80 N.m.
4. To ensure uniform tire wear and prolong the service life of the tires, tire rotation is required every 5000 kilometers traveled.

Section 3 Steering system

The steering gear of the golf cart adopts one-way output gear rack steering technology and automatic gap compensation technology. The entire steering system adopts a sealed design, preventing the invasion of dust, dirt, rainwater and other debris. It's free of oil injection maintenance during the process, greatly reducing maintenance costs and time. It has the advantages of comfortable directional operation, flexible operation, lightweight and smooth operation, small turning radius, stable operation, and safety.

I. Steering structure

The middle of the steering gear housing is connected with the front suspension of the car body through bolts with a bracket. The steering gear, as the driving part of the transmission pair, is installed in the housing, and its upper spline is connected with the universal joint on the universal connecting rod assembly. The steering rack that meshes with the steering gear is arranged horizontally. One end of the steering rack is connected to the right connecting arm of the steering knuckle through a steering rod.

When turning the steering wheel, it drives the steering gear to rotate, causing the pinched steering rack to push the longitudinal rod to move, the main steering arm to rotate around its axis, causing the left and right steering knuckles to rotate left and right, so that the steering wheel deflects and steers.

The steering system of a golf cart contains the steering wheel, steering wheel shaft, steering wheel sleeve, steering gear assembly, fixed seat, and steering tie rod.

When turning the steering wheel, the universal joint drives the steering gear to rotate, so that the steering rack engaged with it drives the right steering knuckle to rotate, and the steering tie rod drives the left steering knuckle to deflect to steer

II. Maintenance

The steering gear is a safety component and its internal structure is maintenance free. In the event that any abnormalities are found during use, please contact the manufacturer and do not disassemble it without permission.

After a period of use by the user, in the event that there is an abnormally large free steering stroke, the meshing clearance of the steering gear can be adjusted to maintain correct pinching.

The meshing pairs of gears and racks are coated with lubricating grease, and the protective sleeve plays a dustproof role. It's necessary to ensure its integrity during use. If the sheath is damaged or aged, it must be replaced.

Section 4 Braking system

1. The braking system, as one of the most significant safety guarantees for golf carts, has always been regarded by the company as the most critical technical guarantee focus, and has been repeatedly tested and introduced with high-quality components.

Ensure the safe braking effect of the braking system, and the unique automatic gap compensation system ensures stable performance during long-term use.

2. Besides traditional mechanical braking, the golf cart also has a dual safety guarantee system function of automatic electric braking. The electric brake system ensures that the driver can operate the golf cart at low speed, smoothly and smoothly when going downhill.
3. The special aluminum alloy brake pedal of the golf cart has the special effect design of sensitive braking, anti-skidding, anti-aging, high grade and effective brake response reduction, and a longer service life, making the golf cart easy to maintain, stable, and safe to drive.

Section 5 Rear axle components

1. The golf cart option adopts China's most advanced rear axle (the input shaft of the motor and rear axle interface has oil seals to prevent oil leakage, the input shaft spline is 19 teeth, and has undergone heat treatment), which is not easy to wear. The position where the brake drum is installed on the rear axle half shaft does not have a spline, extending the service life of the brake drum, thus avoiding frequent maintenance, and making maintenance simple and convenient.
2. Daily clean the dust and sludge on the outer surface of the rear axle to maintain cleanliness, and check the reliability of all connections to avoid accidents caused by looseness and detachment.
3. Check whether the gear lubricating oil in the rear axle housing is sufficient, and promptly add it. The standard of rear axle oil is 1.0L-1.2L. Add 85W/90 medium load cart gear oil or GL-4 hyperbola gear shaft

Section 6 Cover components

1. The golf cart cover components contain high toughness "PP" automotive specific engineering materials and one-time injection molding technology. The cart cover components have smooth lines, smooth surfaces, and a more beautiful appearance. It adopts electrostatic spraying glossy and firm paint, which is anti-aging and durable. Even if it's exposed to the sun for a long time, it's not easy to have color fading. It meets the strict requirements for long-term use of courts in any climate. Covering components are lighter, more impact resistant, more resilient, and have strong paint adhesion.

Chapter V Electric System

The electrical system contains batteries, motors, electronic control systems, accelerators, and instruments. The principle of the electrical system is indicated by the attached figure. The electronic control system is the core part of the entire cart, and its use and maintenance are as follows:

Section 1 Use and maintenance of battery

Maintenance-free lead-acid batteries, as the power source of this cart, their use and maintenance are associated with the service life of the batteries and the driving range of the entire cart. Therefore, it's very significant to use and maintain the batteries.

1. The battery of this cart has been initially charged when leaving the factory, and users shall use the intelligent charger included with the car for charging.
2. The exterior of the battery should be kept clean, and the connecting wires must be kept tight and in good contact to avoid sparks and burning the terminals.
3. After charging, the power supply of the charger can be cut off. Insert the charging operation plug-in into the running position.
4. The battery shall avoid over discharge and can be judged based on the battery meter. It's best to charge when the termination voltage of individual discharge is not less than 1.8V. Otherwise, due to excessive discharge of the battery, the electrode plate will be sulfated, affecting the battery's lifespan.
5. The battery must be charged within 24 hours after discharge (regardless of the cart's driving time and mileage), and it's not allowed to charge every other day or exceed 24 hours, otherwise it will affect the battery's service life.
6. When charging a battery pack, in the event that there is a significant difference in individual unit voltage, the battery shall be removed from the battery pack for individual maintenance. Provided that a good battery is added to the battery pack, the battery pack can still be used.
7. In the event that the battery is not in use temporarily and has been stored for over one month (usually no more than 3 months), it must be regularly charged once a month (30 days).
8. Metal or other harmful substances shall be prevented from falling into the interior of the battery. Do not place metal or other objects on the battery to prevent short circuits.

Section 2 Usage and precautions for chargers

This cart has an intelligent charger. The charger detects, dynamically tracks, and closed-loop controls the charged battery, ensuring that it remains in the critical state of optimal electrochemical reaction during charging. The specific operations are as follows:

1. Connect the output plug to the battery plug.
2. Connect the 220V input power supply.
3. After connecting the input and output cables, the power light automatically lights up, indicating that the input and output have been connected. When entering the work program, the work light is on, indicating that there is current output and entering the normal working state.
4. Charging process description:

During the charging process, there are (0%), (80%), and (100%) lights indicating that it will automatically shut down when fully charged.
5. It shall be placed in a safe, ventilated, dust-free, and rain-free working environment.
6. During the charging process, in the event that the power grid voltage is too low or too high, i.e. the voltage range exceeds 90-265V, the charger will automatically protect and the fault light will light up to remind the user. When the voltage drops to the normal range, the charging machine will automatically resume charging.

Section 3 Electric switch and control system

1. Check the wear and tear of the switch's electric shock, whether the contact is good, whether there is adhesion, and whether the moving contact is

mechanically stuck.

2. Check the pedal micro switch; Measure the voltage drop at both ends of the microswitch. When closing the microswitch, there should be no resistance, and there should also be a clear sound when released.
3. Check the connection between the motor, battery, and controller power unit, and ensure that the surface contact of the circuit is in excellent condition.
4. Check the mechanical movement of the contactor, which should move freely and not stick.

Notes: The above inspection shall be conducted in the event of a power outage, at least once every 3 months. The various functions of the controller have been adjusted before leaving the factory, which shall not be opened or adjusted during inspection. The operating program of the contactor is controlled by the controller, and the wiring cannot be adjusted; After disconnecting the electric lock, the filter capacitor in the controller power unit should maintain a discharge time of several minutes; Be sure not to rinse capacitor devices with water! Use a brush or high-pressure gas to remove dust. Electrical maintenance shall be completed by professional electrical maintenance personnel. cart maintenance can be conducted at the nearest designated repair point. The accessories used should be original and can be purchased directly from our company.

Section 4 Lighting system

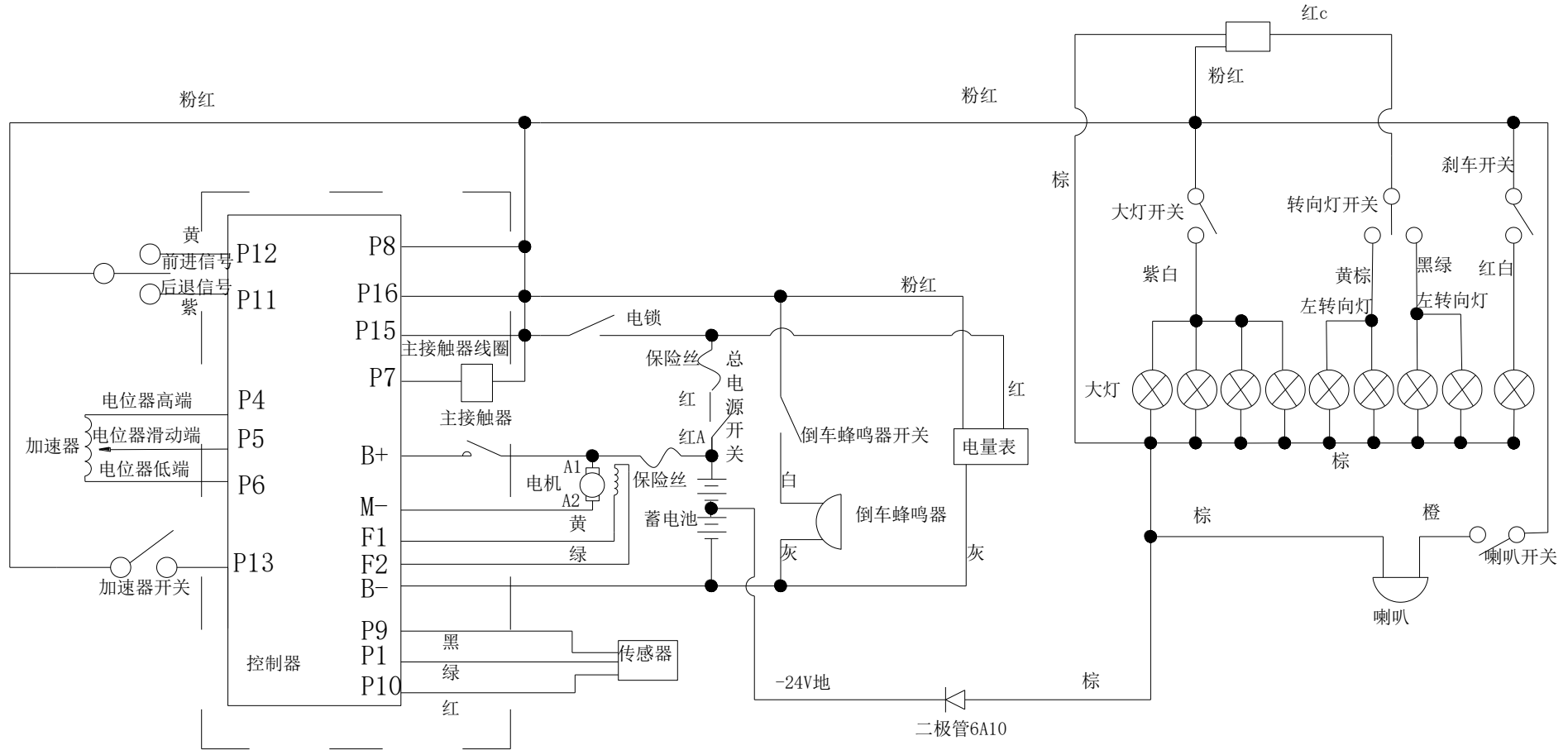
The lighting system includes lighting, speakers, wipers, motors, and light signals. The electrical wiring is shown in the attached figure, and common faults and troubleshooting methods are shown in the table below:

Common faults and troubleshooting methods of lighting system

Fault location	Fault phenomenon	Causes of failure	Troubleshooting methods
Power supply	No voltage in the lighting system	1. Fuse disconnection	Replace
		2. Loose connector	Insert tightly
		3. Poor contact of the lighting main switch	Replace
		4. Poor contact of the negative electrode wire of the lamp circuit	Repair
		5. Contactor damaged	Replace
Speaker	The horn does not work	1. Fuse disconnection	Replace
		2. Loose connector	Insert tightly
		3. The horn is damaged	Replace
Turn signal lamp	The left and right turn signal do not light up or flash	1. Fuse disconnection	Replace
		2. Loose connector	Insert tightly
		3. The flasher is faulty	Repair or replacement

Fault location	Fault phenomenon	Causes of failure	Troubleshooting methods
Floodlight	All the lights are bright	1. Fuse disconnection	Replace
		2. Diodes burnout	Replace
Brake lamp	The stop lamp is not on	1. Fuse disconnection	Replace
		2. Brake light microswitch malfunction	Repair or replacement
		3. The light bulb damage	Replace
The cart has no electricity	The battery level is not displayed when the electric lock is turned on, and the light is not on	1. The main power switch is broken	Replace
		2. The fuse cutout	Repair or replacement
		3. Loose connector	Replace
The entire cart does not run with power	Open the electric lock, there is electricity, press the accelerator pedal, the car won't move	1. The accelerator is bad	Replace
		2. Loose connector	Replace

Golf series circuit diagram (for reference only)



1. Pink	19. Electric lock	38. Purple and white
Yellow	20. Fuse	39. Headlight
3. Forward signal	21. Red	40. Steering light switch
4. Backing signal	22. Red A	41. Yellowish blue
5. Accelerator	23. Fuse	42. Left steering light
6. Potentiometer high-end	24. Storage battery	43. Braking switch
7. Potentiometer sliding side	25. Main power switch	44. Black and green
8. Potentiometer low-end	26. Pink	45. Red and white
9. Accelerator switch	27. Reverse buzzer switch	46. Left steering light
10. Controller	28. Reverse buzzer	47. Brown
11. Main contactor coil	29. White	48. Orange
Main contactor	30. Gray	49. Speaker
12. Black	31. Electricity meter	50. Speaker switch
13. Green	32. Red	
14. Red	33. Gray	
15. Sensor	34. Electricity meter	
16. Motor A1, A2	35. Diode 6A10	
17. Yellow	36. Red C	
18. Green	37. Headlight switch	

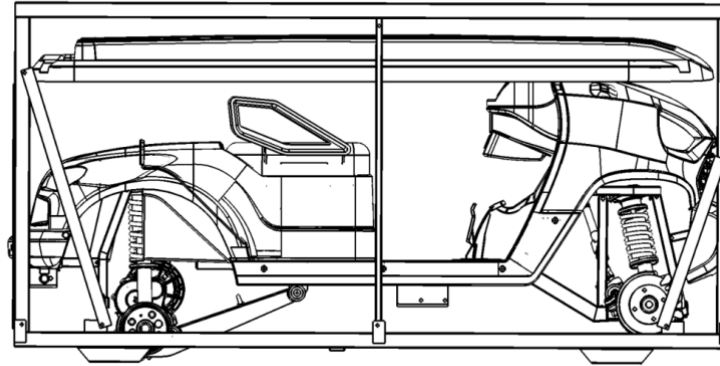
Chapter VI Packaging, Lifting, Transportation and Storage

Section 1 Package

1. The product packaging meets the packaging requirements of GB/T4857.1, and the load-bearing capacity of the packaging is determined according to the C-level requirements in SJ/Z3216-1989
2. The entire cart adopts an integral packaging box, which is firm and reliable. The cart is securely fixed in the packaging box.

Section 2 Lifting

1. Before lifting, the entire cart needs to be cleaned and then loaded into the packaging box, and fixed firmly before being loaded into any transportation cart using a forklift or other lifting machinery (see figure below)
2. Provided that the entire cart is lifted without being loaded into the packaging box, causing damage like cart rollover or heavy pressure, the user shall be responsible for it.



Section 3 Transportation

1. After packaging, the golf cart can be transported by any means of transportation. Nevertheless, safety measures such as rain and vibration prevention should be taken during transportation.

Section 4 Storage

1. The packaged whole cart should be stored in a warehouse with a global temperature of -15°C - 45°C , a relative temperature of less than 80%, and no acid or other corrosive gases or strong magnetic fields around it.
2. Place the product in a dry and ventilated place, which shall avoid storage at high temperatures and sharp temperature changes.

Chapter VII After-sales Service

Dear customer, thank you for purchasing the electric cart from Jinhua Jiaxin Automobile Co., Ltd. To protect your legitimate rights and improve the civil liability system for product quality, our company has formulated this warranty card in accordance with the provisions of the Product Quality Law of the People's Republic of China and the Consumer Rights Protection Law of the People's Republic of China.

This card specifies the warranty period for the entire cart and its components to ensure the rights and interests of users,

1. The warranty period is calculated from the date of invoice issuance. During the warranty period, consumers can enjoy our company's warranty service with the Jiaxin Electric cart Warranty Card and purchase documents.

2. Provided that the mileage of the cart during initial use is less than 60% of the quota, please stop using the cart and notify our customer service center as soon as possible to investigate the cause. In the event that the cart has been in use for over a month, our company assumes no responsibility for the warranty compensation of the entire battery. If the battery encounters quality problems within six months, our company promises quality warranty for the damaged battery.

3. During the warranty period, in case that the main components of an electric cart, such as the motor, controller, charger, and battery, fail to function properly after two repairs within a month, our company will replace the corresponding components with repair records or certificates.

4. The specific warranty scope can be found in the warranty regulations for electric cart products and components.

Name	Warranty period	Fault	Remarks
Frame	3 years	Fracture or desoldering	
Rear axle	5,000km	The reducer assembly and half shaft are broken	
Storage battery	1 year	Leakage cracking, pole breakage, and capacity less than 60%	
Motor	1 year	Electromotor is burnt out or the bearing is damaged	
	1 year	Performance failure	
Charger	Year	Performance failure	
Tire	1 year	Cracking	
Vulnerable parts include speaker, rearview mirror, fuse holder, headlights, tail lights, instrument panel, and brake shoes	1 year	Obvious quality problems	
Consumables such as fuses and light bulbs	1 year	Damage	
The appearance damage of the sold product does not belong to the warranty scope. For faults beyond the warranty scope, as well as component faults after the warranty period and component faults after the warranty period, our company assumes the responsibility for repairing, but will charge a component cost fee. The charging standard shall be implemented as per the company's Price List of Commonly Used Maintenance Parts.			

Non-warranty coverage

1. Without a car purchase invoice and a "warranty card;"
2. The cart number, motor number, etc. do not match the registration number;
3. Damage caused by disassembly and assembly by non-authorized repairers;
4. Malfunctions caused by consumers not following the user manual for use, maintenance, and adjustment;
5. Malfunctions caused by improper customer custody;
6. Accidental collision or damage during use;
7. Damage caused by force majeure;
8. Damage caused by collision, impact, overload, and chemical erosion;
9. Appearance damage after sale;
10. Normal tire wear or tear, punctures, cuts, and bursts are not covered by the quality warranty;
11. Not using the company's genuine accessories;
12. Beyond the specified warranty period.

Our company still assumes the responsibility for repairing faults beyond the warranty scope and major components after the warranty period, but we will charge component fees.

Record of repairs

Time(s)	Maintenance unit:		
	Maintenance unit address:		
	Fault phenomenon	Causes of failure	Repair content
	Customer signature: Signature of maintenance personnel:		