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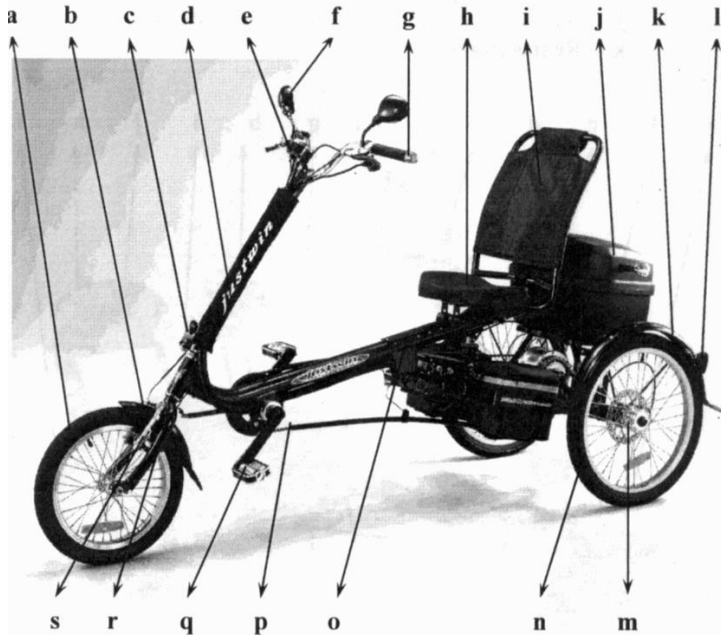
EZ Rider JR-301



User's Manual

Frame

- | | |
|---------------------|-------------------|
| a. Front Wheel | k. Rear Mudguard |
| b. Front Mudguard | l. Rear Reflector |
| c. Head Light | m. Disc Brakes |
| d. Stem | n. Rear Wheel |
| e. Speed Meter | o. Chair Track |
| f. Rear-view Mirror | p. Chain |
| g. Handlebar | q. Pedal |
| h. Seat | r. Front Fork |
| i. Seat Back | s. Front Brake |
| j. Carry Box | |



Preface

Please read this owner's manual thoroughly before starting operating the JR-301. Improper operation of the JR-301 could result in harm, injury or traffic accidents. Hopefully, our products could bring you a safe, comfortable and convenient life.

- ◆ This owner's manual includes operation instructions for every aspect of the JR-301, assembling instructions, as well as instructions for how to deal with possible accidents.
- ◆ This manual includes Warranty terms & form; please keep it in proper place.
- ◆ If someone else would use the JR-301, be sure that they read the instruction manual as well before operation.
- ◆ As designs change, some contents and pictures in the manual may vary from the vehicle you purchased. We reserve the rights to re-model our design.

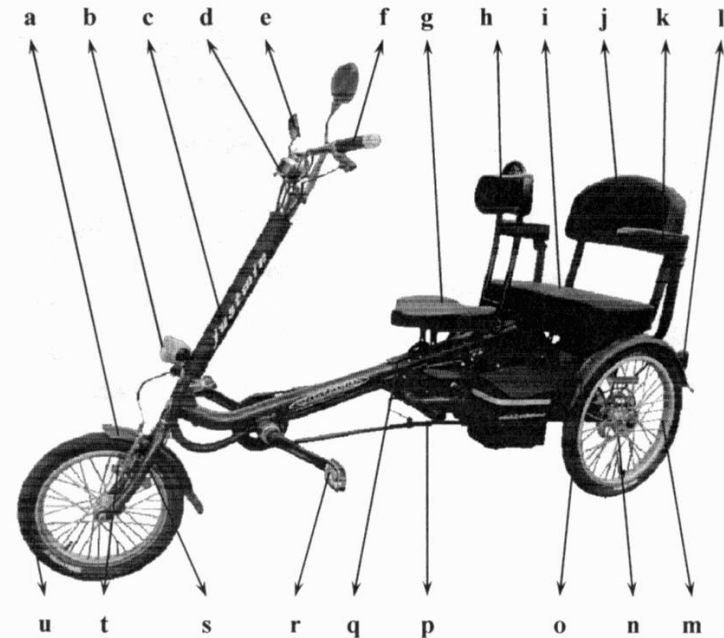
Drivers' Regulations

- a. According to traffic regulations, riding bicycles and electric bicycles would generally be regarded as pedestrian, any driver's license is not necessary.
- b. To avoid danger, do not turn on power switch before driver is ready on riding position.
- c. Do not operate any power switch during riding.
- d. If any unusual sound appeared during riding, please suspend the riding and check all functions. If the sound stays on, please shut the power off and send back to your dealer to arrange thorough examination.
- e. Do not drunk-riding.
- f. To avoid danger, do not riding by one hand and carry umbrella on the other in rainy day.
- g. Do not ride the trike with two people on at the same time. (Except JR-301 twin-seats model).
- h. Turn off power switch before get off the trike to avoid any unexpected danger.
- i. Please wear helmet on while riding and don't ride too fast for your own safety concern.
- j. Safety capacity is 150Kg. Do not exceed this weight limit.

Main Parts Introduction

Frame

- | | |
|---------------------|-------------------|
| a. Front Mudguard | l. Rear Reflector |
| b. Head Light | m. Rear Wheel |
| c. Stem | n. Disc Brakes |
| d. Speed Meter | o. Rear Mudguard |
| e. Rear-view Mirror | p. Chain |
| f. Handlebar | q. Chair Track |
| g. Seat | r. Pedal |
| h. Seat Back | s. Front Fork |
| i. Rear Seat | t. Front Brake |
| j. Rear Seat Back | u. Front Wheel |
| k. Rear Armrests | |



B. Power Indicator

While main and power switch both on, LED lights indicate how many electricity left. Please charge the batteries when the red light on.



Power Indicator

C. 7-Speed derailleur shift

Our trike equipped with a 7-speed system to help you to ride on different road situation. Press the speed rod on your right hand side to adjust the gear you need at the moment.

- i. Turn the derailleur shifter to any speed to maintain.
- ii. 「1」、「2」、「3」 : For steep hills.
- iii. 「4」、「5」、「6」、「7」 : For plains.



Shift Rod

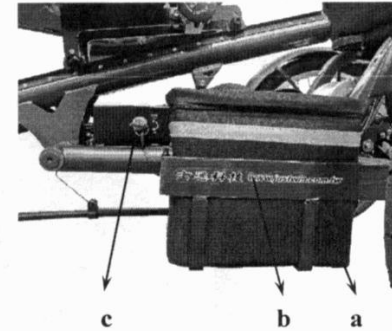
【Caution】

- i. Do not reverse pedaling while speed shifting to prevent mechanical failure or escaping chain.

Detail Parts Introduction

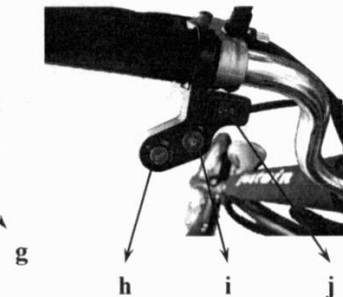
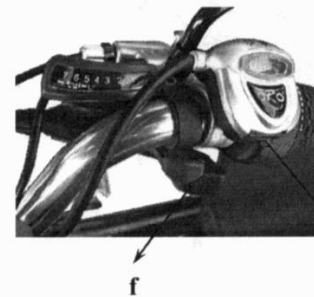
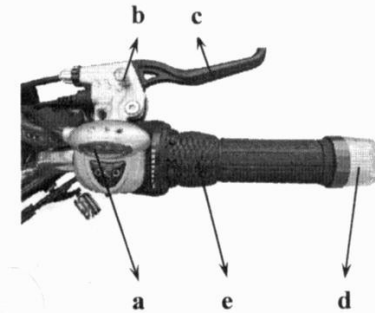
A. Left Frame

- a. Battery
- b. Battery Holder
- c. Power Switch



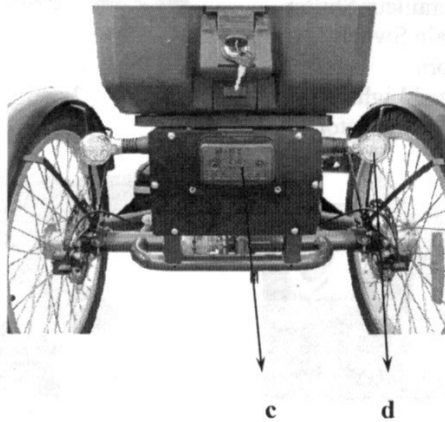
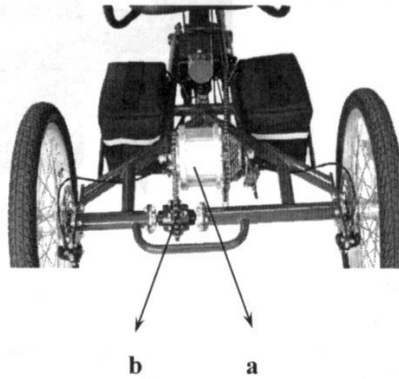
B. Handlebar

- a. Power Indicator
- b. Brake Lock
- c. Brake Lever
- d. Signal Light L/R
- e. Throttle
- f. Derailleur Shifter
- g. Main Switch
- h. Horn
- i. Head Light
- j. Turn Indicator



C. Rear

- a. Motor
- b. Differential
- c. Tail Light
- d. Signal Light (Rear)

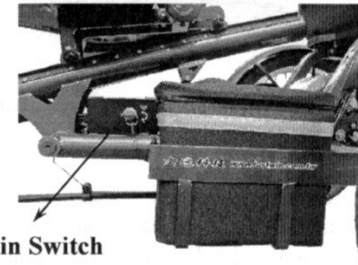


Operation Introduction

A. Power switch

a. Main switch

- i. Turn on : rotate the key anti-clockwise
- ii. Turn off : rotate the key clockwise



Main Switch

b. Power switch

Turn the switch to 「-」 or 「○」

- i. 「-」 : Power on.
- ii. 「○」 : Power off.



Power Switch

Before Operation

In order to ensure you to ride with safety, relaxing and comfort, please fully understand the operation skills. Periodically inspection is suggested:

Inspection Item	Content
Frame	If screws, quick release stands and stems are being fasten properly?
Brake	Squeeze brake lever to check if could stop the bike easily?
Electricity	Check if electricity remains in full condition? Check if the batteries fit properly on the frame?
Seat	If the saddle stays in proper direction and suits rider's height?
Motor	If there's any noise while motor rotating?
Tire	If tire pressure conforms to standard? If there are any chaps or damages on tire? If tire skin is over worn? If there are any foreign matters stabbing in?
Others	If there are any unusual sounds?

- ii. Shift one gear each time. Multi gear shifting may cause derailleur system damage.
- iii. Do not press shift rod if you are not pedaling at the same time.
- iv. Shift the gear to 7 if you don't ride the bike often to prevent the mechanical fatigue.

D. Throttle

Rotate the throttle to reach the speed you need.



Throttle

E. Seat adjustment

Loosening of the seat quick release, you can adjust the height according to the appropriate location of the user °



Quick Release

F. Seat back adjustment (only twin seat models)

Pull the seat knob, you can back off or put down the seat.

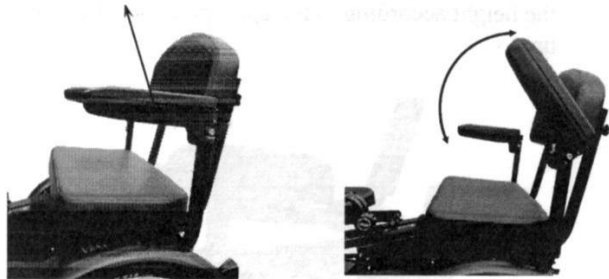


Seat Knob

G. Rear Armrests adjustment (only twin seat models)

Can set off a rear seat armrest, rear seat passengers easy ride.

Armrests



Features

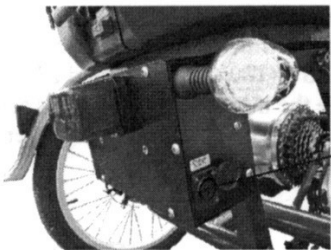
- A. Environment Protection.
- B. Easy Operation, easy maintenance.
- C. Power Assisted Pedaling (P. A. P.)
Power assisted in riding depends on pedaling power and speed.
P. A. P. operation :
 - a. Turn on Main Switch and Power Switch.
 - b. Pedaling
 - c. The system will detect the pedaling force and offer assisted power.
- D. Absolutely electric force
By just giving throttle may decide the power output you need.
- E. 7-speed Derailleur
The JR-301 owns 7-speed derailleur, to help you to ride on different road situation.
- F. Self-R&D brushless motor

Just pedaling smoothly and giving throttle little by little at the same time when you going up hills. It will help you to deal the hill with easy.

- b. Please unplug the power when the charger won't use at the time to ensure charger life and users' safety.
- c. If the battery can't be charged, it may be because of the battery is aging. Replace a new one is recommended.

C. Charging process:

- Step 1 : Turn the main switch to "OFF", and take out the key.
- Step 2 : Turn off the switch on the charger.
- Step 3 : Connect the charger's cord to the power outlet.
- Step 4 : Connect the charger's round plug to the charging socket.
- Step 5 : Turn on the switch on the charger.
- Step 6 : Turn off the charger, disconnect the cord and pull off the round plug from charge socket
Charging completed.



Charging Socket

【Caution】

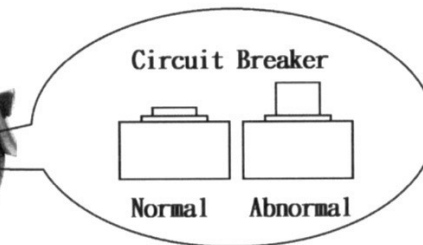
- a. Fully charge the battery before first ride.
- b. Make sure the battery is fully charged before riding. Repeated using of not fully charged battery will cause premature aging and reduced life cycle.
- c. Battery will keep slowly discharging if the trike hasn't been used for a long time. If it lasts more

Operation

- A. Riders should make sure the key be switched on and already released the brake lock.
- B. Make sure and check the traffic around you before riding.
- C. Turn on the main switch on your right hand and ait till led lights turn on.
- D. Start pedaling (or rotating throttle) to move forward.

【Caution】

- a. Please remember to use the rear brake first (left brake lever) while braking.
- b. If power failure situations appear during riding, please check the following procedures:
 - (a) Please check if the lights of power indicator goes off; If not switch off the power, wait for few minutes and reopen the power. Rotate throttle and check if the trike works. If it's still not working, contact your dealer.
 - (b) If the power indicator is off, turn off the main switch and check if the circuit breaker switch pops out. If yes, press the button back (as shown below), then test the trike if it is back to work. If it's still not working, contact your dealer.



Battery Instruction

- A. Waste battery should be recycled by dealer. Do not put the battery near fire to avoid explosion.
- B. After each ride, no matter how much battery power being consumed, immediately charging will help you to extend battery life.
- C. When the lights on the charger turns green, means the battery is fully charged. Do not unplug while charging which will affect charging efficiency.
- D. The battery must be fully charged then can be stored; Please make it be fully charged before using if the trike hasn't been rode for more than a month.
- E. Do not disassemble the battery which may lead to short circuit or malfunction.
- F. To ensure that battery's life, do not use non-designated charger for charging.
- G. If the battery stained with dirt, wipe with a clean cloth.

Charging Instruction

- A. **Charger performance:**
 - a. The charger attached with the goods owns over-voltage and temperature protection, circuit breaker, reverse polarity protection and dual-lamp color display, low voltage (over discharge), limiting and constant current charging functions and so on.
 - b. each light color indicated each following conditions:
 - i. Red light on → charging (the fan starts rotating) .
 - ii. Red & green lights flashing by turn → from charging mode ready into fully charged mode.
 - iii. Green light on → fully charged and enter micro-charge mode at the same time to (fan stops) .
 - iv. Shift the gear to 7 if you don't ride the bike often to prevent the mechanical fatigue.

- B. **Charger instruction:**

The charger attached with the goods applied to both input voltage range 115V (100 ~ 120Vac) and 230V (200 ~ 240Vac). Make sure the input voltage switch is set at the correct voltage position before turning on power switch.

- 【Caution】**

- a. When the lights turn abnormal or not able to charge, please check the following ways by:
 - i. 115V/230V input voltage switch is set at the correct voltage position.
 - ii. If input power wiring being proper connected.
 - iii. If input and output fuses burned.

If the situation does not improve, do not try to disassemble the charger by yourself. Please contact your dealer immediately.

Maintenances

Periodic maintenance and cleaning are necessary to ensure your bike always in best condition.

Please check of followings properly :

- a. Keep frames and parts in clean.
- b. Make sure the screws being properly locked up.
- c. If tire pressure conforms to standard.
- d. If derailleur system works properly.
- e. Clean and lubricate the derailleur.
- f. If tire skin is worn?
- g. If break pad and wire are in proper condition?
- h. If front/rear wheels run smoothly?
- i. If every power joint being connected properly or getting corroded?
- j. If electricity stays full?

【Caution】

- a. “Never” use the high pressure water column to clean the bike. It may cause the inner electronic parts wet and damaged.
- b. Use neutral cleaner and clean cloth to clean the bike gently.

Trouble Shooting

《Situation A》 Throttle detect or speed down

Trouble	Solution
Low voltage of battery	Recharge battery

《Situation B》 Battery indicator on but motor doesn't work

Trouble	Solution
Joint on motor loosen or motor damaged	Re-fix the joint or replace the motor.
Joint on controller loosen or controller damaged	Re-fix the joint or replace the controller.
Brake lever damaged or can't be reset	Replace brake lever or wire.

《Situation C》 P.A.P system defect

Trouble	Solution
If switch stays at “on” position.	Switch to “on”
If battery set properly	Re-set battery
If run out of electricity	Recharge

《Situation D》 Driving range decreases

Trouble	Solution
Not ride for a long time	Recharge
Overloaded or deep hill	Range varies from road situation and loading
Battery aging	Replace new battery by qualified dealer

《Situation E》 Unable to recharge

Trouble	Solution
Charger failure	Overhaul charger
Battery failure	Overhaul battery
If switch stays at “on” position.	Switch to “on”
If battery over-heated	Recharge after cool down
If located under low ambient temperature	Suggested working temperature between 5~35 °C. Please move to a proper place to continue recharging.

《Situation F》 Unusual brake

Trouble	Solution
Brake disconnect defect	Replace a new brake disconnect.
Loosen wire	Adjust wire

【Caution】

- a. If there any further problems appear, please contact your dealer immediately.
- b. If the trouble remains still after trouble shooting, please contact your dealer for further solution immediately.

than one month, be sure to charge the battery before riding.

- d. Avoid excessive discharge. Excessive discharge may cause battery damage.
- e. Charging time varies according to the ambient temperature. Charging time will increase if the ambient temperature stays low.
- f. Do not use non-designated charger for charging..

Warranty Terms

- Mechanical part (non-electrical) components of the JR-301 carry a limited warranty against manufacturing and materials defects for 6 months from the date of purchase.
- Electrical part (non-mechanical) components of the JR-301 carry a limited warranty against manufacturing and material defects for 90 days from the date of purchase.
- Non-electrical and non-mechanical components of the JR-301 carry a limited warranty against manufacturing and material defects for 45 days from the date of purchase.

Warrantee Application Form

Name	
Gender	
Date of Birth (mm/dd/yy)	
Address	
Model	
Date of Purchase (mm/dd/yy)	
Purchaser Signature	

Dealer's Data

Name of Store	
Address	(stamp)
Telephone	

Specification Form

Specification		Model	
		Carrier	Twin-seat
Material		Cr-mo steel	
Dimensions	Length	195cm	
	Width	69cm	
	Height	105cm	
Weight	W/ Battery	68kg	79kg
	W/O Battery	44kg	55kg
Tire	Front	16 inches	
	Rear	20 inches	
Motor	Type	DC 24V Brushless motor	
	Power Output	750W	
Max. Speed		25Km/Hrs	
Max Range		50 Km	
Brake	Front	V-brake W/ Brake disconnection device	
	Rear	Disk brake	
Derailleur System		7 speed	
Riding way		Paddle + P.A.P	
Battery		Lead-acid battery 12V/39AH×2pcs	
Charger		27.6V/4.3A	
Charging time		8 hours	
Max. Loading		≤ 150 Kg	