

RMB EV

Libert-e

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Read this manual completely
before assembling and riding
our RMB EV Libert-e



Owner's Manual

RMB EV
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RMB EV

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Technical Information

LIBERT-é

Model No.	LIBERT-é
Product size	31L x 28W x 23H inch (78 L x 71 W x 58 H cm)
Type of motor	DC Brush Motor
Motor power	36V 350W
Battery type	Li Battery
Battery capacity	36V 10Ah
Charger	110V-240V, UL approved
Charging time	6-8 hours
Max. speed	Up to 10 MPH (17 km/h)
Single charge	Up to 15 MILES (25 km)
Max capacity	286 LBS (130kg)
Net weight	99 LBS (45 kg)

Warning Statement

LIBERT-é



IMPORTANT!

Before you operate your LIBERT-é , please read carefully:

YOUR EXISTING INSURANCE POLICY MAY NOT PROVIDE COVERAGE FOR ELECTRIC VEHICLES, YOU SHOULD CONTACT YOUR INSURANCE AGENT TO DETERMINE IF COVERAGE IS PROVIDED.



Do not ride this scooter until you read and thoroughly understand the owners manual. It contains information critical to your safety. If you have any questions about the operation of the scooter, you should consult your authorized dealer.



It is extremely important that you follow the safety guidelines contained in this manual in order to ensure maximum safety.



Failure to comply with the standards outlined in this manual could result in fire and/or serious injury.



RMB EV is not liable for any damage or injuries caused by unsafe or faulty repairs. Any repairs made to this product by unauthorized service technicians are the sole responsibility of the owner.



Our products are designed to be ecologically conscious, please dispose of used batteries in compliance with local laws.

Read Before Riding

LIBERT-é

WARNING

THE LIBERT-É TRICYCLE IS NOT A TOY AND SHOULD NOT BE OPERATED BY ANYONE UNDER 12 YEARS OLD.

Safety Instructions:

(Please take note of the following before each ride)

- The maximum weight capacity is 286 lbs.
- Only one person at a time should ride.
- Always wear protective gear including knee and elbow pads and an approved safety helmet when riding the LIBERT-é.
- Before riding, be sure to check that all pivot points, locking buttons, quick releases, and latches are secured properly.
- The power switch lock must be in the “off” position when the LIBERT-é is being charged.
- Do not use the LIBERT-é when it is raining.
- Do not place the battery near heat or fire.
- Do not expose the charger to water or any moisture.
- Check if batteries are properly charged and installed.
- Charge Batteries after each use.
- Always ride on dry paved surfaces. Gravel, wet, extreme incline, and uneven surfaces are a hazard.

Check if all tires are properly inflated.

List of Parts

LIBERT-é



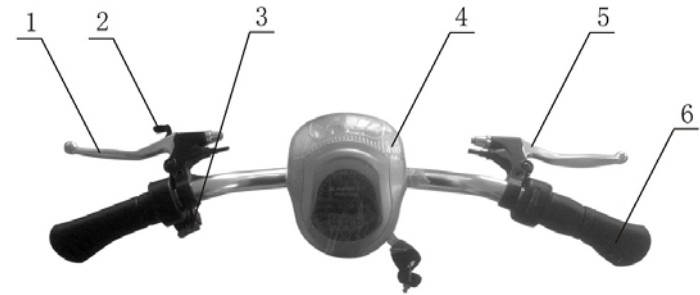
List of Parts

LIBERT-é

- 1 Left brake lever
- 2 Instrument
- 3 Throttle
- 4 Right brake lever
- 5 Seat
- 6 Battery
- 7 Controller
- 8 Basket
- 9 Motor
- 10 Rear wheel
- 11 Tensioner
- 12 Rear fender compartment
- 13 Chain
- 14 Chain cover
- 15 Crank sprocket
- 16 Front wheel
- 17 Front fork
- 18 Frame

Front Bar

LIBERT-é



- 1 Left brake lever
- 2 Lock mechanism switch
- 3 Horn switch
- 4 Instrument
- 5 Right brake lever
- 6 Throttle

Tool Kits In The Tool Bag

LIBERT-é



- 1 Screwdriver
- 2 Allen wrench (2.5mm)
- 3 Allen wrench (3mm)
- 4 Allen wrench (5mm)
- 5 Allen wrench (5mm)
- 6 Allen wrench (6mm)
- 7 Wrench (8 x 10mm)
- 8 Wrench (16 x 18mm)
- 9 charger

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Assembling The LIBERT-é

LIBERT-é

1. Unpack the LIBERT-é carefully so that you do not misplace any of the parts.



2. Take out the fork. Put the ball rack into the riser of front fork.
NOTE: The ball is up.



3. Put the riser of front fork into the front tube of frame, then put another ball rack into the riser of front fork. Twist the bolts and tighten it.
NOTE: The ball is down.

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Assembling The LIBERT-é

LIBERT-é



4. Install the handlebar, and tighten two bolts with the nuts provided.



5. Place the Libert-e on a flat surface, and keep

Assembling The LIBERT-é

LIBERT-é

vertical. This will make the next step easier.



6. Remove the bolts and nuts from the connecting tube (B). Place the connecting tube into the top opening (A). After aligning the three holes, place the three bolts through the connecting tube. Twist the bolts, do not hammer them through as this can damage the threads. Tighten these three bolts with the nuts provided.

Assembling The LIBERT-é

LIBERT-é



7. Take out the front wheel. Put butterfly brake disc (A) into butterfly brake base (B). Put the front axle (C) into the front ear (D). Tighten the quick release. Finish front

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Assembling The LIBERT-é

LIBERT-é

wheel's installation. Place Libert-e on all three wheels.



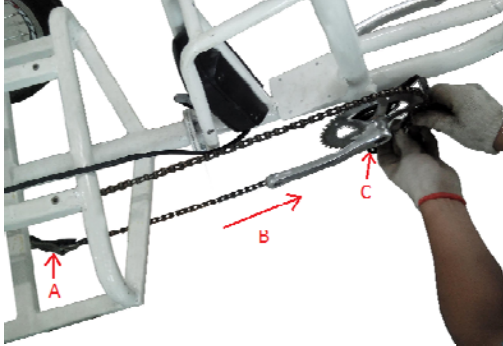
8. Install the chain. It is recommended to wear gloves for protection. Properly align chain on derailer (A). Then straighten the chain along the "B" direction and put on the crank sprocket(C). Turn the crank to verify

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Assembling The LIBERT-é

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chain is on securely.



9. Install the chain cover over the crank. Align the three holes. Secure chain cover with the bolts, and nuts provided. Install pedals according to “L” and “R” mark.



Assembling The LIBERT-é

LIBERT-é

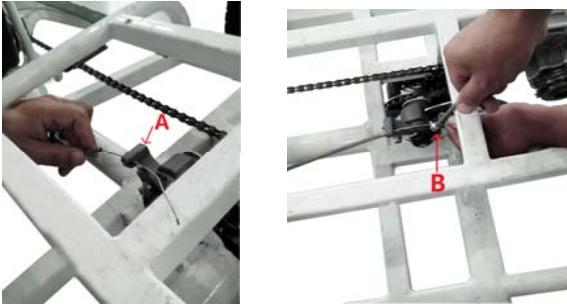


10. Insert rear brake cable through brake cable tube fixed seat(A). Then insert rear brake cable through brake cable fixed seat(B). Pull the brake cable back hard with your hand, then tighten the bolt with the provided nuts. Drive the Libert-e, slowly and test brake function.

If the brake is too tight, loosen the bolt and loosen the brake cable a little, then tighten the bolt and retest. If the brake is too loose, loosen the bolt and pull the brake cable back a little more, then tighten the bolt and retest. Repeat until the brake performs correctly.

Assembling The LIBERT-é

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11. Install the front brake by following the rear brake cable instructions.



12. Install the basket with the four nuts and bolts provided.

Assembling The LIBERT-é

LIBERT-é



13. Install the seat. Adjust the seat post to the desired height. Tighten the lock bolts with the nuts provided.



Tilt seat forward. Insert the battery and lock it. Plug the battery connector into the battery pack.

Assembling The LIBERT-é

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Charging The Batteries

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● Before you ride the LIBERT-é for the first time you must charge the batteries for 4-6 hours or until the charger light turns green using only the supplied charger.

● To charge the batteries, **plug the charger into the charger socket located on the battery.** Then plug the charger into a wall outlet. Red light on charger indicates charging, green light indicates charged.

Warning: Never charge tricycle longer than 8 hours.



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Riding The LIBERT-é

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● Once you have completed the initial charge you are ready to ride. Remember, this is not a toy. The LIBERT-é can reach speeds up to 10 mph depending on the terrain and the weight of the rider. You must wear a helmet and protective pads. Be aware of all local laws and ordinances that govern and/or restrict the use of powered tricycles. The laws and ordinances vary greatly from municipality to municipality. It is your responsibility to know and abide by your local restrictions.

● To ride, insert the key into the key switch and turn the key in clockwise direction till the first click. The battery gauge will be illuminated indicating that the battery is in operation. Turn the key to the second click in clockwise direction to turn on the headlight.



● Hold onto the front bar with both hands. Your left hand will control the brakes and your right

Riding The LIBERT-é

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hand will control the throttle and other brake. As you turn the throttle towards yourself, the speed will increase. Release the throttle and apply the brake to stop the scooter. You will control the speed of the scooter by using both the throttle and the brake. **When the brake handle is squeezed it cuts power off the throttle.**

NOTE 1: WARNING: Never try stunts. Always maintain a safe speed.

NOTE 2: When tricycle is parked, please remove the key, this will avoid anyone from accidentally turning the throttle causing the scooter to speed forward. Failure to do this could lead to an accident.

NOTE 3: If you need to stop in an emergency or kill power quickly, you can turn the key off.

NOTE 4: When going downhill, reduce speed for safety. After you level off, twist the throttle. Should tricycle not accelerate, come to a complete stop and then retry again.

Maintenance

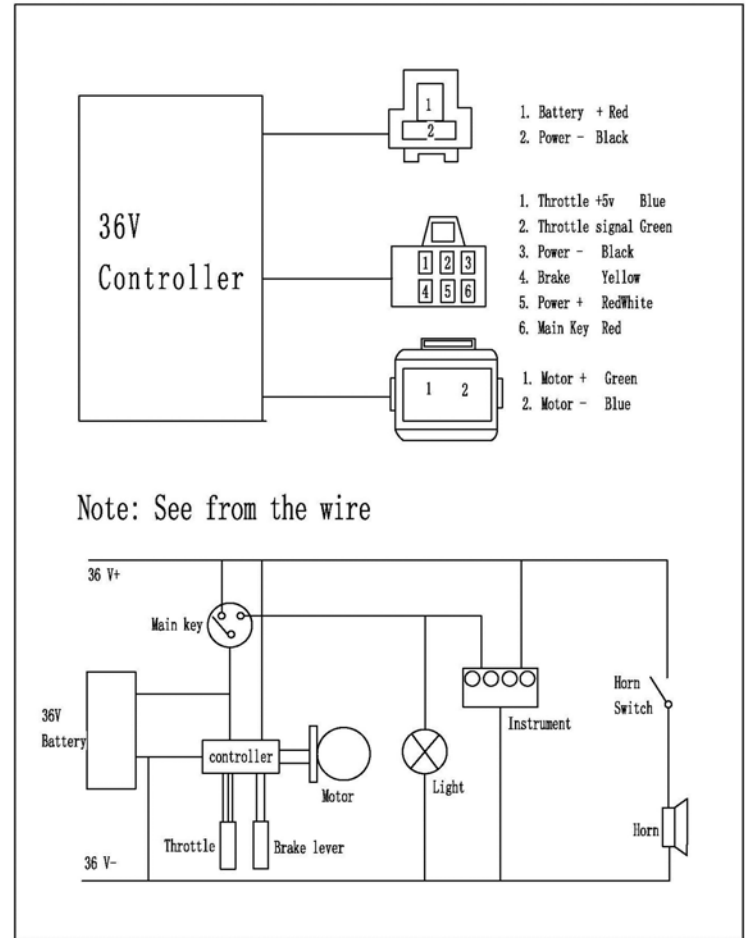
LIBERT-é

Battery: (for professional use only)

The LIBERT-é unit is powered by 36 volt, rechargeable batteries housed in a single compartment. Other than recharging, these batteries need no maintenance. To prolong battery life, recharge the battery after each use. **In addition, plugging your charger into a wall timer with 4-6 hour setting is highly recommended as back up protection for your battery pack.** You must also charge your LIBERT-é unit if it has not been used for 20 days.

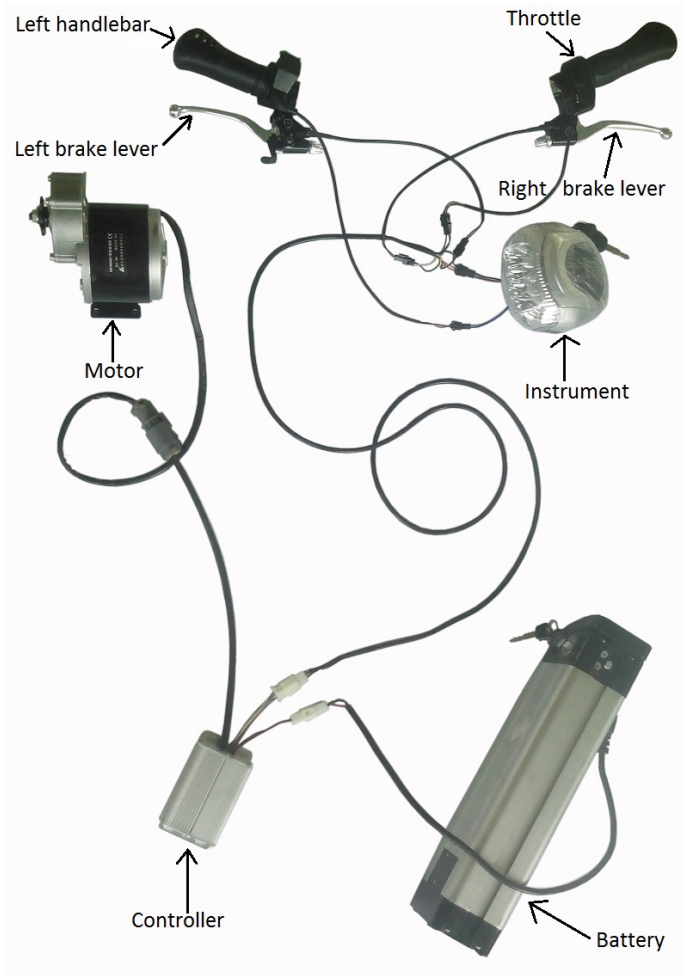
Wiring Diagram

LIBERT-é



Wiring Diagram

LIBERT-é



Trouble Shooting Guide

LIBERT-é

Problem	Cause	Solution
The power light on the instrument does not illuminate when the LIBERT-é is on.	<ol style="list-style-type: none"> 1. Battery is discharged. 2. Loose connection inside LIBERT-é. 3. Fuse is blown. 4. The instrument is defective. 	<ol style="list-style-type: none"> 1. Recharge your LIBERT-é unit. 2. Remove the screws that hold the battery compartment cover and raise the cover. Visually inspect all wire connections making sure there are no loose wires, reconnecting those that are. 3. Replace the fuse. 4. Replace the instrument.
The power indicator on the instrument illuminates but LIBERT-é unit still does not work.	<ol style="list-style-type: none"> 1. The throttle handle is not operating properly. 	<ol style="list-style-type: none"> 1. Replace the throttle handle. Call Customer Service to order a new throttle

Trouble Shooting Guide

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When the brake lever is squeezed the LIBERT-é unit does not stop.	1. The brakes are not adjusted properly.	1. Adjust the brake by loosening the bolt on the rear brake wheel, pull the cable and retighten the bolt.
Scooter is losing speed.	1. Low battery 2. Battery is defective. 3. Low tire pressure.	1. Recharge your battery for 4~6 hours. 2. Replace battery. Call Customer Service to order a new battery. 3. air tires up to correct pressure.

Warranty

LIBERT-é

The Limited Warranty does not cover or apply to the following: Normal wear and tear; any damage, failure and/or loss caused by accident, misuse, neglect, abuse and/or failure to follow instructions or warnings as stated on the product or in the applicable owner's manual or other printed materials provided with the product; damage, failure and/or loss caused by the use of the product in any other manner for which such products were not specifically designed.

RMB EV warrants the LIBERT-é unit for six (6) months according to the following terms. Batteries and tires are warranted for three (3) months. This warranty extends to the original retail purchaser only and commences on the date of the original retail purchase. Any part of the RMB EV product manufactured or supplied by RMB EV and found in the reasonable judgment of RMB EV to be defective in material or workmanship will be repaired or replaced by an authorized RMB EV service dealer without charge for parts or labor. RMB EV is responsible for the expense of delivering the warranty replacement parts. However, if the customer chooses not to replace the parts, the **expense of**

Warranty

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delivering the LIBERT-é unit to the factory / authorized service dealer for warranty work or the expense of returning it back to the owner after repair/ replacement will be paid for by the owner. RMB EV's responsibility in respect to claims is limited to making the required repairs or replacements and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any RMB EV product. Proof of date of purchase will be required by the dealer to substantiate any warranty claim. An authorized RMB EV service dealer must perform all warranty work. The warranty is limited to thirty (30) days from the date of purchase for any RMB EV product that is used for rental demonstration, commercial purposes, or any other income producing purpose. This warranty does not cover any RMB EV product that has been subject to misuse, neglect, negligence or accident, or has been operated in any way contrary to the operating instructions as specified in RMB EV's owner's manual. This warranty does not apply to any damage to RMB EV products that is the result of improper maintenance or to any RMB EV product that has been altered or modified so as to

Warranty

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adversely affect the products operation, performance, or durability, or that has been altered or modified to change its intended use. This warranty does not extend to repairs made necessary by normal wear and or by use of parts that are incompatible with LIBERT-é products. In addition this warranty does not cover items that experience normal wear and tear. LIBERT-é reserves the right to improve the design of the product without assuming any obligations to modify any product previously manufactured. All warranties are limited in duration to the six (6) months warranty period. Any such implied warranties including merchantability, fitness for a particular purpose or otherwise are disclaimed in their entirety after the expiration of the appropriate thirty day warranty period. RMB EV's obligation under this warranty is strictly and exclusively limited to the repair and replacement of defective parts and RMB EV does not assume any other obligation. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. RMB EV assumes no responsibility for incidental, consequential, or other damages including but not limited to expense of

Warranty

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returning the LIBERT-é to an authorized service dealer and expense of delivering it back to the owner, mechanics travel time, telephone charges, rental of a like product during the time the warranty service is being performed, travel loss, or damage to personal property, loss of revenue, loss of time, or inconvenience. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitations may not apply to you.

WHAT RMB EV WILL DO:

RMB EV will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. RMB EV may choose at its option to use functionally equivalent reconditioned, refurbished or new units or parts of any units. You are responsible to get the unit back to RMB EV.

Warranty

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HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call or fax to the following telephone numbers for RMB EV Customer Service - warranty repair

Tel. 1-707-568-3388 or Fax. 1-707-526-1409

Email: info@rmbev.com

DO NOT RETURN YOUR PRODUCT TO ANY ADDRESS.

Please call, email, or write for the location of the RMB EV authorized service center nearest you and for the procedures for obtaining warranty claims.