Rubicon FX70 Model1

Rubicon FX70 Model1 Automatic Foldable Mobility Scooter User Manual

Model: FX70 Model1 | Brand: Rubicon

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Rubicon FX70 Model1 Automatic Foldable Mobility Scooter. Please read this manual thoroughly before using the scooter and retain it for future reference.

The Rubicon FX70 Model1 is an automatic folding mobility scooter designed for adults, featuring a one-click fold and unfold mechanism for ease of transport and storage. It is equipped with a long-range lithium battery and a powerful motor, offering a travel range of up to 15 miles and speeds up to 5 mph. Key features include an adjustable handlebar, comfortable seating, and all-terrain capability with 10-inch front tires and 4-wheel suspension.

2. Safety Information

Your safety is paramount. Always adhere to the following safety guidelines:

- **Read the Manual:** Familiarize yourself with all controls and functions before operation.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 300 lbs.
- **Terrain:** While designed for all-terrain, exercise caution on uneven, slippery, or steep surfaces. Avoid extreme inclines.
- **Speed Control:** Always start at a low speed setting until you are comfortable with the scooter's response.
- **Visibility:** Use the bright LED headlight in low-light conditions. Be aware of your surroundings.
- **Charging:** Only use the provided charger. Do not operate the scooter while charging.
- **Children and Pets:** Keep children and pets away from the scooter during operation and when folding/unfolding.
- **Maintenance:** Perform regular checks and maintenance as described in this manual.

3. Package Contents

Upon unboxing, ensure all components are present:

- Rubicon FX70 Model1 Mobility Scooter (folded)
- Lithium Battery

- Charger
- Remote Control (for automatic folding/unfolding)
- Keys
- User Manual

4. Setup

Follow these steps to prepare your scooter for first use:

4.1. Unboxing and Initial Unfolding

Carefully remove the scooter from its packaging. The scooter will be in a folded state. Place it on a flat, stable surface.



Image: The Rubicon FX70 Model1 scooter being taken out of a car trunk, then shown in its automatically unfolding state.

4.2. Battery Installation

Locate the battery compartment, typically at the rear or under the seat. Insert the lithium battery securely into its designated slot. Ensure it clicks into place or is firmly connected.



Image: The Rubicon FX70 Model1 scooter with its detachable battery shown separately and the easy foldable seat feature highlighted.

4.3. Automatic Unfolding

With the battery installed and the main power switch (if present) turned on, use the remote control. Press the 'A' button (or the designated unfold button) to automatically unfold the scooter. Allow the mechanism to complete its cycle.

4.4. Handlebar Adjustment

Adjust the handlebar to a comfortable height. Locate the adjustment lever or knob on the handlebar stem, loosen it, set the desired height, and then secure it firmly.

4.5. Setup Video Guide

For a visual guide on unboxing, battery installation, and initial setup, please watch the official installation video:

Video: Rubicon FX7-Installation-Automatic Foldable Mobility Scooter. This video demonstrates the unboxing process, battery installation, automatic unfolding, and handlebar adjustment.

5. Operating Instructions

Familiarize yourself with the controls on the tiller console:



Image: A detailed view of the tiller console, indicating the speed adjustment dial, battery condition meter, key switch, and throttle control levers for forward and reverse.

5.1. Power On/Off

1. Ensure the battery is correctly installed and the main power switch (located near the battery) is in the 'ON' position.
2. Insert the key into the key switch on the tiller console and turn it to the 'ON' position.
3. To turn off, turn the key to 'OFF' and remove it.

5.2. Speed Control

The speed adjustment dial on the tiller console allows you to set your desired maximum speed. Turn the dial towards 'L' for lower speeds and 'H' for higher speeds (up to 5 mph).

5.3. Direction Control (Throttle Levers)

Use the throttle control levers on the handlebar:

- **Forward:** Gently press the right-hand lever (or the designated forward lever) to move forward.
- **Reverse:** Gently press the left-hand lever (or the designated reverse lever) to move backward.
- **Braking:** Release both levers to engage the electromagnetic brake and stop the scooter.

5.4. Battery Condition Meter

The battery condition meter on the tiller console displays the current charge level. Typically, green lights indicate a full charge, orange lights indicate a medium charge, and red lights indicate a low charge, requiring recharging.

5.5. Horn

Press the horn button (usually red) on the tiller console to alert others.

5.6. Operation Video Guide

Observe the scooter in operation, including speed and direction control:

Video: Rubicon FX7 Automatic Foldable Mobility Scooter. This video demonstrates the scooter's operation, including starting, driving, and adjusting controls.

6. Folding and Transport

The Rubicon FX70 Model1 features an automatic folding mechanism for convenient transport and storage.

6.1. Automatic Folding

1. Ensure the scooter is powered off and the key is removed from the ignition.
2. Locate the main power switch near the battery and ensure it is in the 'OFF' position.
3. Use the remote control. Press the 'B' button (or the designated fold button) to automatically fold the scooter. Allow the mechanism to complete its cycle.

6.2. Transporting the Scooter

Once folded, the scooter is compact and can be easily transported:

- The folded dimensions allow it to fit into most car trunks.
- The lightweight design (62 lbs without seat and battery) makes it easier to lift.



Image: A man carefully lifting the folded Rubicon FX70 Model1 mobility scooter into the rear cargo area of a silver SUV.



Image: A man carrying the compact, folded Rubicon FX70 Model1 mobility scooter by its handlebar, demonstrating its portability.

6.3. Folding Video Guide

See the automatic folding and unfolding in action:

Video: Rubicon FX70 Automatic Foldable Mobility Scooter for Adults. This video showcases the automatic folding and unfolding feature of the scooter.

7. Charging the Battery

To ensure optimal performance and battery life, follow these charging instructions:

- Only use the charger provided with your Rubicon FX70 Model1 scooter.
- Plug the charger into a standard wall outlet.

- Connect the charger's output plug to the charging port on the scooter (usually located near the battery or on the tiller console).
- The charger will indicate when charging is complete (e.g., a light changing from red to green).
- Avoid overcharging or completely draining the battery. Charge regularly, especially after extended use.

8. Maintenance

Regular maintenance helps prolong the life of your scooter:

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or excessive water.
- **Battery Care:** Store the battery in a cool, dry place. If storing the scooter for an extended period, charge the battery fully every 1-2 months.
- **Tires:** Periodically inspect tires for wear and tear. Ensure they are free from punctures or damage.
- **Connections:** Check all electrical connections and cables for any signs of damage or looseness.
- **Moving Parts:** Keep moving parts clean and free of debris.

9. Troubleshooting

If you encounter issues with your scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on.	Battery not installed correctly, main power switch off, key not inserted/turned.	Ensure battery is secure, main power switch is ON, and key is inserted and turned to ON.
Scooter does not move.	Throttle levers not engaged, speed setting too low, battery low.	Press throttle levers, increase speed setting, check battery charge and recharge if necessary.
Remote control not working.	Remote battery low, scooter main power switch off.	Replace remote battery, ensure scooter main power switch is ON.
Scooter makes unusual noises.	Loose components, debris in wheels/motor.	Inspect for loose parts and tighten. Clear any debris from wheels and motor area.

If the issue persists after attempting these solutions, please contact Rubicon customer support.

10. Specifications

Feature	Detail
Model Name	FX70 Model1
Brand	Rubicon
Item Dimensions (D x W x H)	21"D x 21"W x 35"H
Maximum Speed	5 Miles per Hour
Wheel Size	10 Inches
Turn Radius	33 Inches

Feature	Detail
Brake Style	Electromagnetic
Power Source	Battery Powered (Lithium)
Battery Average Life	3 Hours
Handle Type	Handlebar
Material Type	Aluminum
Frame Material	Aluminum
Unit Count	1 Count

11. Warranty and Support

For warranty information, technical support, or any questions not covered in this manual, please contact Rubicon customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

The battery condition indicator on my Rubicon FX70 Model1 scooter does not go past one green light no matter how we charge. Is it possible to purchase a new battery?

The manual for the Rubicon FX70 Model1 Automatic Foldable Mobility Scooter states that the battery condition meter on the tiller console displays the current charge level, with green lights indicating a full charge. If...

Read full answer