

# ROVA Scout Product Manual



NOTE: This owner's ROVA Scout Product Manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this guide and the product you have purchased. The latest/current version of this manual is available on our website.

## 1. ROVA Scout: Step-by-Step Starter Guide

Congratulations on receiving your new ROVA Scout mobility scooter! This guide will walk you through a safe and simple setup process to ensure you're comfortable operating your scooter before your first adventure.

After receiving your delivery, take a moment to inspect the box for any damage. If you notice any concerns, contact Rova Mobility immediately.

### Unpacking Your Scooter:

1. **Releasing the Outer Packaging:** Carefully cut the straps using a sharp utility knife. Tip: Be mindful of the box and scooter while cutting to avoid accidental nicks.
2. **Unboxing Your Scooter:** Once the straps are cut, gently remove the outer cardboard box. Set it aside for recycling or disposal later.
5. **Moving Your Scooter Off the Pallet:** Lift the scooter or edge it off the pallet. This requires strength and might be easier with a helping hand to manoeuvre safely.

Once the front wheels are off the frame and pallet, you can lift the rear of the scooter slightly (with assistance if needed) and roll it forward onto a flat area.

### Step by Step:

1. **Unfold your scooter:** Fold up the steering column and lock into place. Pull up the two levers on either side of underneath of the seat, and raise the scooter into its complete position.



2. **Arm rest height:** Screw the bolts to the right height to keep the armrests level and stable
2. **Basket:** Slide the front basket into its sleeve on the steering column.
3. **Power Up and Controls Check:** Turn on your scooter using the key. The digital display should illuminate. Familiarize yourself with the control panel to understand their functions.

**Remember: When folding down to store or transport, please ensure the keys are not in the ignition as they may be snapped off.**

### Test Drive:

1. Once everything is set up and checked, it's time for a test drive! Find a safe, flat, and open area free from obstacles. With the scooter in drive mode and the controls at hand, begin at a slow speed.
2. Practice manoeuvring the scooter, turning, and stopping. Get comfortable with the braking system and overall handling before venturing outside.

**Remember: Safety is paramount. Take your time setting up your scooter and getting comfortable with the controls before venturing on your first trip. Enjoy the freedom and independence your ROVA mobility scooter offers!**

## 2. Operational and Safety Guidelines

### General Operation:

**Familiarize yourself:** Before your first ride, thoroughly read the manual and familiarize yourself with the controls, features, and emergency procedures of your scooter.

**Pre-ride checks:** Prior to each use, visually inspect your scooter for any damage, ensure tire pressure is adequate and brakes are functioning properly. Test the headlight and horn in low-light conditions.

**Seating and posture:** Sit upright with your back straight and feet comfortably placed on the footrests. Maintain a firm grip on the handlebars.

**Speed and control:** Operate your scooter at a safe and reasonable speed, considering pedestrian traffic and terrain. Always obey posted speed limits and traffic signals.

**Steering and maneuvering:** Make smooth turns and avoid sudden changes in direction, especially on slopes or uneven surfaces.

**Stopping and braking:** Apply the brakes gently and evenly to avoid jerky stops. Be aware of increased stopping distance on wet or slippery surfaces.

**Stability and balance:** Do not overload your scooter with extra weight exceeding the manufacturer's recommendations. Avoid leaning excessively while turning or navigating uneven terrain.

**Parking:** Park your scooter safely on a level surface, engaging the brakes and turning it off. Avoid blocking walkways or entrances.

### Safety Considerations:

**Visibility:** Wear bright clothing and reflective gear, especially in low-light conditions. Use the headlight when necessary.

**Pedestrians and other vehicles:** Be aware of your surroundings and yield the right of way to pedestrians and other vehicles. Use your horn to signal your presence when necessary.

**Weather conditions:** Avoid operating your scooter in heavy rain, snow, or icy conditions. Strong winds can also affect stability.

**Hills and slopes:** Approach hills and slopes cautiously, maintaining a slow and controlled speed. Avoid sharp turns on inclined surfaces.

**Curbs and obstacles:** Carefully navigate curbs and obstacles using designated ramps or dismounting and remounting your scooter as needed.

**Passenger restrictions:** Unless your scooter is specifically designed for two people, never carry any passengers.

**Alcohol and drugs:** Do not operate your scooter under the influence of alcohol or drugs.

**Emergency procedures:** Be prepared for emergencies. Know how to use the brakes, emergency stop button, and horn effectively. Familiarize yourself with the location of the nearest medical assistance.

### Additional Tips:

- Carry a fully charged mobile phone for emergencies.
- Wear comfortable shoes with good grip.
- Be courteous and respectful to pedestrians and other drivers.
- Enjoy the freedom and independence your scooter provides!
- Remember, safety is paramount. By following these guidelines and using common sense, you can ensure a safe and enjoyable experience with your mobility scooter.

**Please note: These are general guidelines and ensure to observe your surroundings carefully and other safety precautions.**

### 3. Maintenance Guidelines

#### Regular Checks:

##### Daily:

- Visually inspect the scooter for any damage, loose parts, or tire punctures.
- Check tire pressure and inflate to the recommended level.
- Test the headlight and horn functionality.

##### Weekly:

- Clean the scooter with a damp cloth and mild soap, avoiding the electrical components.
- Check the brakes for proper engagement and adjust if necessary.
- Lubricate any moving parts according to the manufacturer's instructions.

##### Monthly:

- Clean the battery terminals with a soft, dry brush to remove corrosion.
- Check the battery electrolyte level if applicable (sealed batteries usually don't require this).
- Inspect the wiring for any signs of wear or damage.

#### Battery Maintenance:

##### Lithium Batteries:

- Avoid extreme temperatures during charging and storage.
- Do not fully discharge the battery (maintain at least 20% charge).
- Use the original charger or one specifically designed for your battery model.

##### Lead-acid Batteries:

- Charge the battery after each use and avoid deep discharges.
- Store the battery in a cool, dry place when not in use.
- Use the original charger and follow the recommended charging times.

#### Additional Maintenance:

- Have your scooter professionally serviced at least once a year by a qualified technician.
- Keep all maintenance records for future reference.
- Replace worn-out or damaged parts immediately.
- Store your scooter in a clean, dry, and well-ventilated location when not in use.
- Remember, regular maintenance is key to extending the life and performance of your mobility scooter.

By following these recommendations, you can ensure your scooter provides reliable and safe transportation for years to come.

**Please note: These are general recommendations and may not apply to all models. Always refer to your service technician for detailed recommendations.**

## 4. Lithium Battery for your Mobility Scooter

### Lithium Power Unleashed!

Congratulations on your new lithium-powered mobility scooter! This manual will guide you through its operation and maintenance, ensuring a smooth, powerful, and long-lasting ride.

### Lithium's Lightness and Longevity:

Lithium batteries offer several advantages over their lead-acid counterparts:

**Lighter Weight:** Lithium batteries are significantly lighter, making your scooter easier to maneuver and transport.

**Longer Range:** Enjoy extended travel distances on a single charge compared to lead-acid batteries.

**Faster Charging:** Lithium batteries recharge much faster, often in a few hours instead of overnight.

**Deeper Discharges:** You can safely discharge a lithium battery to a lower level without harming it, maximizing its usable capacity.

**Longer Lifespan:** With proper care, lithium batteries can last for several years, significantly longer than lead-acid batteries.

### Charging for Optimal Performance:

**Use the Right Charger:** Just like with lead-acid batteries, always use the charger specifically designed for your lithium battery.

**Top It Up:** Lithium batteries don't need full charges as often as lead-acid. Plug it in whenever convenient to maintain a good charge level.

**Avoid Overcharging:** Leaving your scooter plugged in for extended periods won't damage the battery, but it's not necessary.

**Storage Charging:** If you won't be using your scooter for a while, charge it to around 50% and top it up every few months.

### Temperature Matters:

**Keep it Cool:** Unlike lead-acid, extreme heat can significantly impact lithium battery performance and lifespan. Avoid charging or storing it in hot environments.

**Don't Freeze:** While lithium batteries can handle colder temperatures better than lead-acid, avoid storing them in freezing conditions for extended periods.

**Moderate Charging:** Ideally, charge your lithium battery in a moderate temperature range (between 10°C and 30°C) for optimal performance and longevity.

### Riding for Maximum Range:

**Gentle Acceleration:** Avoid sudden bursts of speed, as this drains the battery faster.

**Plan Your Trips:** Make sure your journey fits within the battery's estimated range to avoid running out of power.

**Terrain Matters:** Hills and rough terrain require more power, so consider taking alternative routes when possible.

**Conserve Power:** Turn off the scooter when not in use and avoid unnecessary accessories that could drain the battery.

### Safety First:

**Follow Warning Labels:** Always heed the warning labels on your battery and charger.

**No Fire or Sparks:** Lithium batteries can be sensitive to heat and sparks. Avoid exposing them to open flames or sources of ignition.

**Disposal:** Lithium batteries are considered hazardous waste. Dispose of them responsibly at designated recycling facilities.

**Remember: With proper care, your lithium battery will provide reliable and powerful energy for your mobility scooter for years to come. By following these simple tips, you can enjoy an even more independent and carefree ride!**

### Additional Resources:

- Manufacturer's warranty information and contact details
- Local mobility scooter dealer for specific maintenance and repair services

We hope this manual helps you make the most of your new lithium-powered mobility scooter. Ride safe and enjoy the freedom!

**Please note: This is a general guide to caring for lithium batteries in mobility scooters. Always refer to your specific scooter model's manual for detailed instructions and manufacturer recommendations.**

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