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## Drive Medical Scout LT

# Drive Medical Scout LT 4-Wheel Compact Travel Power Scooter User Manual

Model: Scout LT (SFSCOUT4\_G)

Brand: Drive Medical

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, assembly, maintenance, and troubleshooting of your Drive Medical Scout LT 4-Wheel Compact Travel Power Scooter. Please read this manual thoroughly before using the scooter to ensure proper function and user safety. The Scout LT is designed for convenient mobility, featuring a compact, lightweight design that disassembles into five easy-to-handle pieces for transport. Its four-wheel configuration offers enhanced stability, particularly on outdoor terrain.

## 2. SAFETY INFORMATION

### Important Safety Warnings:

- Always operate the scooter on stable, level surfaces. Avoid steep inclines exceeding the specified climbing angle of 6 degrees.
- Do not exceed the maximum weight capacity of 300 lbs (136 kg).
- Ensure all components are securely locked in place before operation.
- Exercise caution when operating near obstacles or uneven terrain due to the 2.5-inch ground clearance.
- Always use the scooter in a safe manner, adhering to local traffic laws and pedestrian guidelines.
- Keep hands and feet clear of moving parts.
- Do not operate the scooter under the influence of alcohol or medication that may impair your ability to drive safely.

*Legal Disclaimer: Statements regarding medical devices are for informational purposes only and are not intended to diagnose, treat, cure, or prevent any disease or health condition. Consult with a healthcare professional for medical advice.*

### 3. PRODUCT OVERVIEW AND FEATURES

The Drive Medical Scout LT is engineered for user convenience and reliability. Key features include:

- **Quick & Easy Disassembly:** The scooter can be quickly and easily disassembled into five manageable pieces for transport and storage.
- **Adjustable Comfort:** Features a height-adjustable swivel seat with a fold-down backrest, padded and adjustable armrests, and a large plastic carry basket for personal items.
- **Intuitive Control:** A delta-style tiller with ergonomic throttle control simplifies operation, especially for users with limited hand strength or dexterity.
- **Flat-Free Wheels:** Equipped with non-marking, flat-free tires and anti-tip wheels for enhanced durability and safety.
- **Durable Finish:** Color-through panels help conceal scuffs and scratches, maintaining the scooter's appearance.

#### Component Identification

Refer to the images below for visual identification of the scooter's main components.



**Figure 3.1:** Overall view of the Drive Medical Scout LT 4-Wheel Compact Travel Power Scooter, showing the seat, tiller, basket, and four wheels.



**Figure 3.2:** Side profile of the scooter, highlighting the seat, battery pack location, and wheel configuration.



**Figure 3.3:** Front view of the scooter, showing the tiller, control panel, and front wheels.



**Figure 3.4:** Rear view of the scooter, illustrating the rear wheels and anti-tip mechanisms.



Figure 3.5: Dimensional overview of the scooter, indicating its length, width, and height.

## 4. SETUP AND ASSEMBLY

The Scout LT is designed for quick and easy assembly. Upon unboxing, ensure all components are present and undamaged.

1. **Initial Assembly:** Follow the detailed instructions provided in the included user manual for initial assembly of the main components (base, seat, tiller, battery pack).
2. **Battery Installation and Charging:**
  - Locate the quick-connect battery pack.
  - Connect the battery pack to the scooter's charging port.
  - Plug the charger into a standard electrical outlet.
  - Allow the battery to charge overnight (approximately 8-12 hours) before first use, even if the scooter appears partially charged. This ensures optimal battery life and performance.
  - The charging indicator on the charger will typically change color (e.g., red to green) when

charging is complete.

3. **Adjusting the Seat and Armrests:** Adjust the seat height, swivel position, and armrest width to ensure a comfortable and secure riding posture.
4. **Tiller Adjustment:** Adjust the delta-style tiller to a comfortable operating position. Ensure the tiller is securely locked before use.

## 5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls before operating the scooter.

### 5.1 Controls and Driving

- **Power On/Off:** Insert the key into the ignition and turn it to the "ON" position to power on the scooter. Turn to "OFF" to power down.
- **Speed Control:** Use the speed adjustment dial or lever on the tiller to set your desired maximum speed. The scooter has a maximum speed of 4.25 mph.
- **Throttle Control:** The ergonomic delta-style throttle allows for easy forward and reverse movement. Gently press the lever to engage the motor. Release the lever to apply the electromagnetic brake.
- **Steering:** Use the tiller to steer the front wheels. For optimal turning radius, ensure the steering column's "Lock/Unlock" knob (located at the bottom front of the steering column) is in the "Unlock" position.
- **Freewheel Operation:** To manually push the scooter, engage the freewheel lever (usually located near the rear axle) to disengage the motor. Remember to re-engage the motor before operating the scooter electrically.

### 5.2 Disassembly for Transport

The Scout LT is designed for easy transport. Follow these steps to disassemble the scooter:

1. Ensure the scooter is powered off and the key is removed.
2. Remove the seat by lifting it straight up from its post.
3. Remove the battery pack.
4. Fold down the tiller and secure it.
5. Separate the front and rear sections of the scooter as per the specific mechanism detailed in your full manual.
6. The scooter will now be in five easy-to-handle pieces, ready for loading into a vehicle.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Battery Care:**
  - Charge the battery fully after each use, even if only used for a short period.

- If storing the scooter for an extended period, ensure the battery is fully charged and recharge it at least once a month.
- Use only the charger supplied with your scooter.
- **Cleaning:** Wipe down the scooter regularly with a damp cloth. Avoid using abrasive cleaners or solvents. The color-through panels are designed to minimize the appearance of scuffs.
- **Tires:** The scooter is equipped with flat-free, non-marking tires, requiring no inflation. Periodically inspect them for wear or damage.
- **General Inspection:** Regularly check all nuts, bolts, and fasteners for tightness. Ensure all electrical connections are secure.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Scout LT scooter.

- **Poor Turning Radius:** If the scooter's turning radius seems restricted, check the "Lock/Unlock" knob located at the bottom front of the steering column. Ensure it is in the "Unlock" position for full steering mobility. This knob is sometimes used to restrict steering during transport or initial setup.
- **Scooter Not Powering On:**
  - Ensure the key is fully inserted and turned to the "ON" position.
  - Check that the battery pack is securely connected and fully charged.
  - Verify that the circuit breaker (if present) has not tripped.
- **Limited Range or Sudden Power Loss:**
  - This often indicates an undercharged or aging battery. Ensure the battery is charged overnight with the correct charger.
  - If issues persist after proper charging, the battery may need replacement. Contact customer service for assistance.
  - Ensure the freewheel lever is fully engaged (motor engaged) and not partially disengaged.
- **Unusual Noises or Vibrations:** Power off the scooter immediately and inspect for loose components, damaged wheels, or obstructions. If the cause is not apparent, contact customer service.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact Drive Medical customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	SFSCOUT4_G
Product Dimensions (L x W x H)	35"D x 20.5"W x 42.5"H (42.5 x 20.5 x 35 inches)
Item Weight	94 Pounds (42.6 kg)
Weight Capacity	300 lbs (136 kg)
Max Speed	4.25 mph (6.8 km/h)
Maximum Range	9 miles (14.5 km)
Climbing Angle	6 degrees
Turning Radius	53.75 inches (136.5 cm)
Ground Clearance	2.5 inches (6.35 cm)
Motor	24V x 270W x 4700 rpm
Front and Rear Wheels	8 x 2 inches, Flat-free
Seat Width	16.5 inches (41.9 cm)
Floor to Seat Height	17 - 19 inches (43.2 - 48.3 cm)

## 9. WARRANTY AND SUPPORT

Your Drive Medical Scout LT scooter comes with a manufacturer's warranty. Please refer to the detailed warranty information included with your purchase or visit the official Drive Medical website for specifics regarding coverage and duration.

For technical assistance, replacement parts, or warranty claims, please contact Drive Medical customer support. When contacting support, have your model number (SFSCOUT4\_G) and serial number readily available.

The included user manual provides additional detailed directions and diagrams for assembly and operation.