

NAVIMOW i206 AWD

Segway Navimow i206 AWD Robot Lawn Mower Instruction Manual

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Segway Navimow i206 AWD Robot Lawn Mower. Please read these instructions carefully before using the product to ensure safe and efficient operation.

The Navimow i206 AWD is an advanced robotic lawn mower featuring all-wheel drive for varied terrain, wire-free operation, and intelligent mapping capabilities. Key features include:

- **All-Wheel Drive, All-Terrain Performance:** Designed to handle uneven or sloped terrain, including slopes up to 45% (24°), with stable and smooth mowing.
- **Zero-Turn Steering:** Features a third-wheel design for precise turns without damaging grass. Adjustable cutting height from 2 to 3.6 inches and a 7.1-inch cutting width.
- **On-Demand Drive:** An adaptive drive system provides power only when necessary, optimizing energy use. Powered by a 2.5Ah battery, it covers up to 1,350 ft² per charge.
- **Wire-Free Setup:** Utilizes EFLS Network RTK with one-tap auto mapping for quick deployment. Tri-frequency RTK combined with Vision technology provides centimeter-level accuracy.
- **Smart Multi-Zone Control & Security:** Supports management of up to 20 zones with optimized mowing paths and automatic resumption after charging. Real-time GPS alerts notify users if the mower is moved or leaves designated areas.

1. SETUP

Proper setup is crucial for the optimal performance of your Navimow i206 AWD. Follow these steps to prepare your mower for its first use.

1.1 Unboxing and Components

Verify that all components are present in the package. The standard package includes the Navimow i206 AWD unit, a charging station with an installation kit, a power supply adapter, an antenna installation kit, a GNSS antenna with a 19.7 ft cable, spare blades and bolts, and pegs to secure the extension cable.

What's in the box?



Navimow i206 AWD × 1



Charging Station and Installation Kit × 1



Power Supply Adapter × 1



Antenna Installation Kit × 1



GNSS Antenna with 19.7 ft Cable × 1



Spare Blades and Bolts × 5



Pegs to Secure the Extension Cable × 4



User materials:
Important Information × 1 & Quick Start Guide × 1

Image: Contents of the Navimow i206 AWD package.

1.2 Charging Station Placement

Select a suitable location for the charging station. It should be placed on a flat surface with clear access for the mower and good satellite signal reception. Ensure there is at least 0.50m clear space on both sides and 2.00m in front of the charging station.

Video: A short clip demonstrating the placement of the charging station for the Navimow i206 AWD. This video shows a user placing the charging station near a pool and connecting the power cable.

1.3 Wire-Free Operation and Mapping

The Navimow i206 AWD operates without boundary wires, utilizing Network RTK technology for positioning. This simplifies installation significantly.

No Wires, No Antenna Needed

Network RTK Access for a Simpler, Efficient Setup



Network RTK access as standard,
no extra cost.

Image: The Navimow i206 AWD operating wire-free with satellite connectivity.

Use the companion app for one-tap auto mapping. The mower will automatically map your lawn, defining the mowing area and any exclusion zones.

One-Tap Auto Mapping

Maps Your Lawn in Minutes



Image: The Navimow app demonstrating one-tap auto mapping of a lawn.

2. OPERATING INSTRUCTIONS

Once set up, the Navimow i206 AWD is designed for autonomous operation. Understand its capabilities and features for effective lawn maintenance.

2.1 All-Wheel Drive and Terrain Handling

The all-wheel drive system allows the mower to navigate various terrains, including slopes up to 45% (24°). Its Electronic Stability Control (ESC) helps maintain stable movement on inclines.

All-Wheel Drive, All-Terrain Mastery

Pioneering Xero-Turn AWD Technology for Ultimate Performance



45% (24°)

Root-Covered Terrains

1.57 Inch Vertical Steps

Uneven Stone Paths

Image: The Navimow i206 AWD demonstrating its all-wheel drive on a sloped lawn.

2.2 Zero-Turn Maneuverability

The mower's design allows for zero-turn maneuvers, preventing grass scraping and ensuring a clean cut even in tight corners.

Zero Turn, No Tearing

180° Agile Turning to Prevent Grass Scraping



Image: The Navimow i206 AWD performing a zero-turn on grass.

Video: This video highlights the Navimow i2 AWD's ability to handle rough terrain and perform careful turns, showcasing its agility and precision.

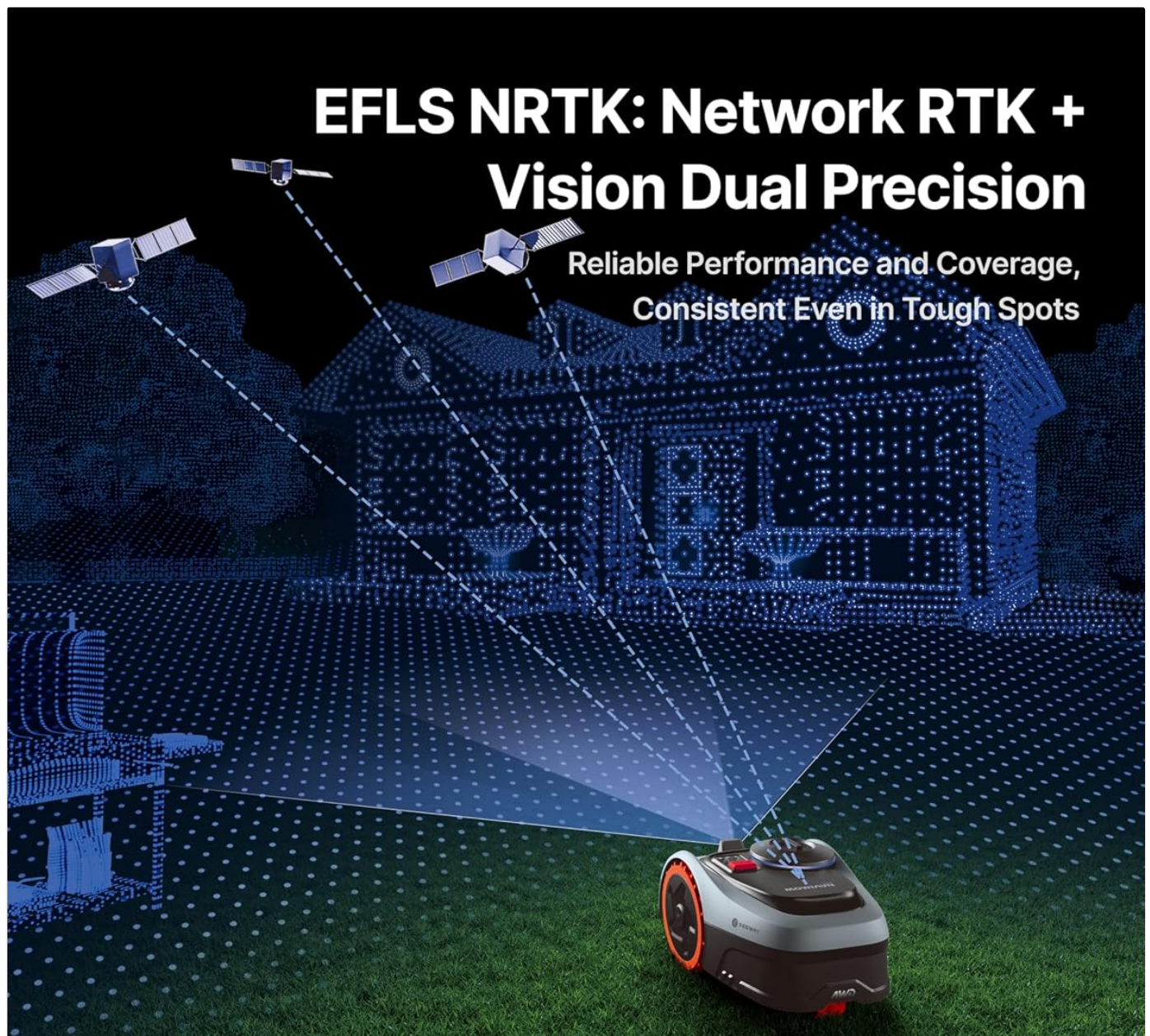
2.3 Precise Positioning and Obstacle Avoidance

EFLS Network RTK with Vision technology provides accurate positioning, allowing the mower to operate reliably even in challenging areas like under trees or in narrow pathways. The VisionFence system uses AI to detect and avoid over 150

types of obstacles, rerouting in less than 0.1 seconds to maintain a safe distance of over 3.3 feet.

EFLS NRTK: Network RTK + Vision Dual Precision

Reliable Performance and Coverage,
Consistent Even in Tough Spots



Under Tall Trees

Narrow Pathways

Hidden Corners

Image: The Navimow i206 AWD maintaining precise positioning in diverse environments.

VisionFence: AI-Powered **150+** Obstacles Avoidance

Mow or Avoid, Split-Second Decisions



Cat



Dog



Hedgehog



Squirrel



Rabbit



Hose Reel



Shovel



Shears



Brush



Hammer



Garden Light



Electric Saw



Football



Wood



Fountain



Tires

Image: The Navimow i206 AWD demonstrating AI-powered obstacle avoidance.

2.4 Multi-Zone Management and Weather Adaptability

The mower supports managing up to 20 distinct mowing zones within its coverage area. It also features weather-adaptive mowing, detecting rain, frost, snow, strong wind, or heat, and automatically returning to its charging station to ensure safe operation in various conditions.

EFLS NRTK: Network RTK + Vision

Precise Positioning, Anywhere

Upgraded tri-frequency Network RTK with vision technology delivers ultra-precise positioning, enabling **30%** higher accuracy and stable signals even in challenging environments.



Image: The Navimow i206 AWD demonstrating weather-adaptive mowing.

3. MAINTENANCE

Regular maintenance ensures the longevity and performance of your Navimow i206 AWD.

3.1 Cleaning the Mower

Keep the mower clean, especially the cutting deck and wheels, to prevent grass buildup and ensure smooth operation. Use a brush or damp cloth for cleaning. Avoid using high-pressure water jets directly on electronic components.

Video: This video provides instructions on how to properly clean your Navimow robot lawn mower, focusing on the cutting deck and wheels.

3.2 Blade Replacement

The i206 AWD features a 5-blade cutting disc design. Regularly inspect the blades for wear and replace them as needed to maintain cutting quality. Always use genuine replacement blades.



VisionFence

AI-Powered 150+ Obstacle Avoidance

Detects pets, tools, and even tiny obstacles, rerouting in just 0.1 seconds to keep a safe 3.3 ft distance. Safe, fast, and hassle-free.

- 150+** Obstacle Avoidance
- >3.3ft** Safety Distance
- <0.1s** Rerouting

Image: The 5-blade cutting disc design of the Navimow i206 AWD.

To replace blades:

1. Power off the mower and ensure it is safely positioned.
2. Carefully turn the mower over to access the cutting deck.

- Using a screwdriver, remove the screws securing the old blades.
- Attach new blades with new screws, ensuring they are securely fastened.
- Dispose of old blades responsibly.

4. TROUBLESHOOTING

If you encounter issues with your Navimow i206 AWD, refer to the following common troubleshooting tips.

4.1 Mower Not Starting or Charging

- Ensure the mower is correctly docked in the charging station.
- Check that the charging station is powered on and the power adapter is securely connected.
- Verify that the battery is not completely depleted. Allow some time for initial charging if the mower has been stored for a long period.

4.2 Signal Loss or Poor Navigation

- Ensure the GNSS antenna is installed correctly and has an unobstructed view of the sky.
- Check for any new obstructions (e.g., tall trees, buildings) that might interfere with satellite signals in the mowing area.
- If operating in areas with limited satellite visibility, the mower may experience temporary navigation issues.
- Verify your Wi-Fi connection for app communication and RTK network access.

4.3 Mapping Issues

- Ensure the mower has a strong and stable signal during the mapping process.
- If maps disappear or are inaccurate, try re-mapping the area in conditions with better signal reception.
- Confirm that the app is updated to the latest version.

4.4 Mower Stuck or Not Moving

- Check for physical obstructions (e.g., large branches, garden tools) in the mower's path.
- Inspect the wheels and cutting deck for debris or grass buildup that might impede movement.
- If the mower is on a very steep or slippery surface, its traction control might be engaged.

For persistent issues, refer to the official Navimow support resources or contact customer service.

5. SPECIFICATIONS

Feature	Specification
Brand	NAVIMOW
Model Number	Segway Navimow Robot Lawn Mower
Style	i206 AWD: Mows up to 0.15 acre
Power Source	Battery Powered
Material	Plastic
Color	Gray

Cutting Width	7.1 Inches
Operation Mode	Automatic
Product Dimensions (D x W x H)	21.4"D x 15.1"W x 11.2"H
Smart Home Compatibility	Smart Home Compatible
Assembly Required	No
Unit Count	1.0 Count

6. WARRANTY AND SUPPORT

Your Navimow i206 AWD Robot Lawn Mower comes with a manufacturer's warranty and dedicated support services.

6.1 Warranty Information

The product includes a 3-year warranty. For detailed terms and conditions, please refer to the warranty documentation provided with your product or contact support.

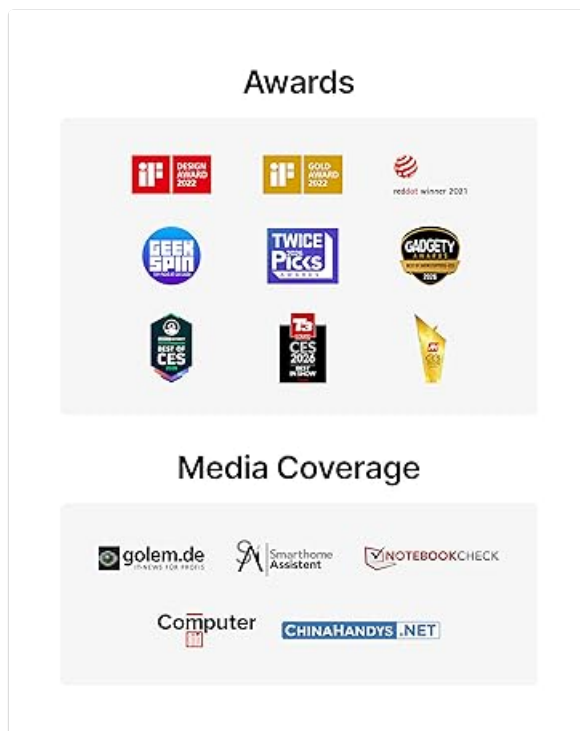


Image: Warranty information and support contact details.

6.2 Protection Plans

Additional protection plans are available for purchase to extend coverage beyond the standard warranty:

- **2-Year Protection Plan:** One-time payment of \$79.99.
- **3-Year Protection Plan:** One-time payment of \$99.99.
- **Complete Protect:** Monthly billing at \$16.99, covering all eligible past and future purchases.

6.3 Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Navimow support:

- **Email:** navimowsupport-us@rlm.segway.com

- **Phone:** +18339131131 (Monday - Friday, 09:00 - 18:00 ET)

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