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- › [Thule](#) /
- › [Thule Omni-Step 12V Electric Step 551mm Width User Manual](#)

## Thule Omni-Step

# Thule Omni-Step 12V Electric Step

USER MANUAL - 551MM WIDTH

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## 1. Introduction

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Thule Omni-Step 12V Electric Step. Please read these instructions carefully before using the product to ensure proper function and to prevent damage or injury. Keep this manual for future reference.



*Image 1.1: Thule Omni-Step 12V Electric Step in extended position.*

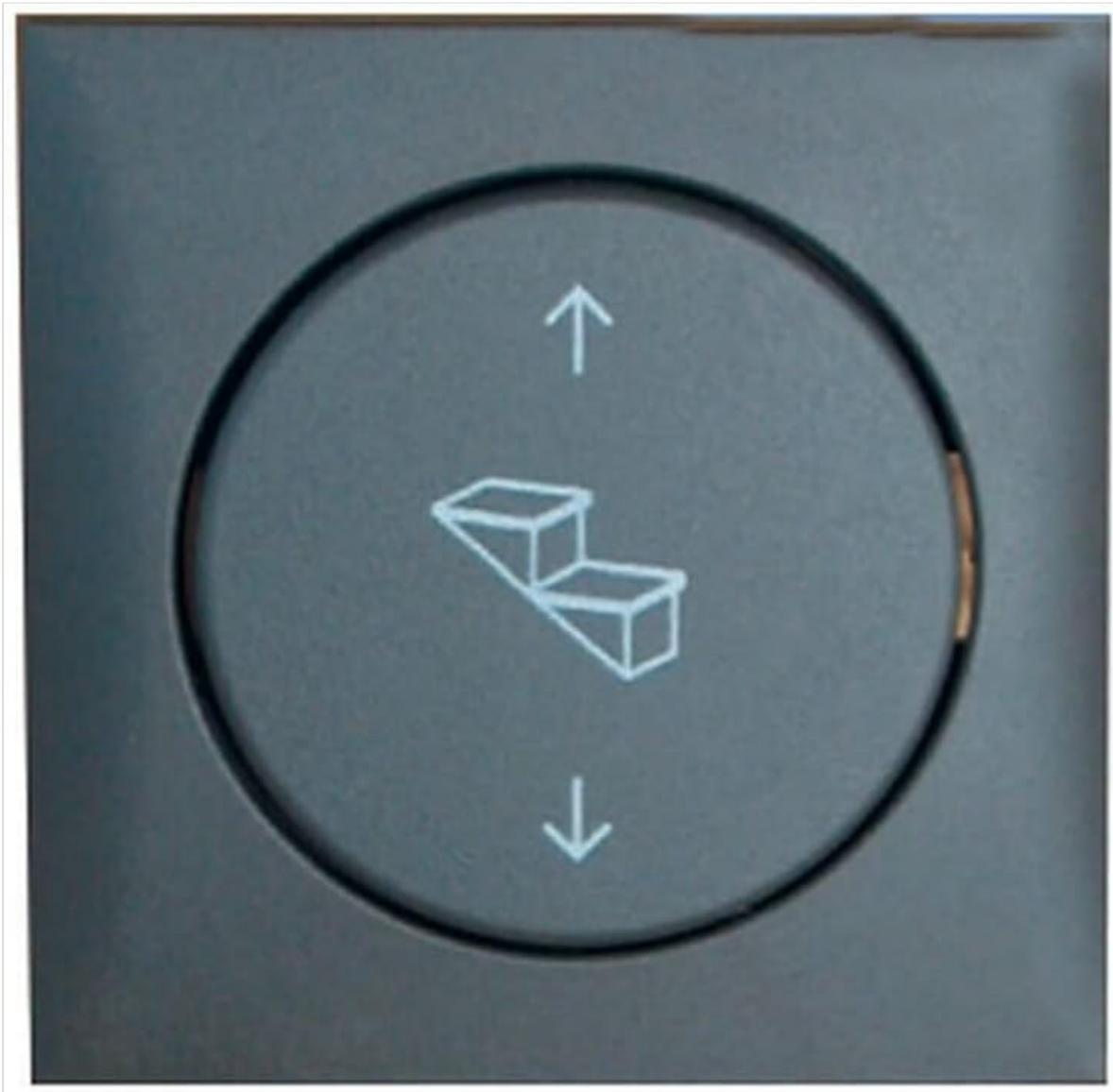
## 2. Safety Instructions

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 200 kg (440 lbs) on the step. Overloading can cause damage to the step and potential injury.
- **Electrical System:** The step operates on a 12V electrical system. Ensure all electrical connections are made by a qualified technician to prevent short circuits or electrical hazards.
- **Obstruction Check:** Always ensure the area around the step is clear before extending or retracting it. Obstructions can damage the mechanism.
- **Indicator Light:** Pay attention to the dashboard indicator light. It signals whether the step is extended or retracted. Never drive with the step extended.
- **Emergency Retraction:** Familiarize yourself with the emergency manual retraction system. This is crucial in case of electrical failure.
- **Children and Pets:** Keep children and pets away from the step during operation.

## 3. Product Features

The Thule Omni-Step is designed for durability and ease of use, offering the following key features:

- **Robust Construction:** Features a solid, anti-slip aluminum tread for secure footing.
- **Maintenance-Free Design:** Articulated parts are equipped with self-lubricating components, requiring no regular maintenance.
- **Integrated Safety Switch:** A contact switch is incorporated into the step, providing power to a dashboard indicator light to show the step's position (extended or retracted).
- **Emergency Manual Retraction:** Equipped with a system for manual retraction in case of power failure.
- **Illumination Feature:** The step remains illuminated for 3 minutes after retraction, aiding visibility in low light conditions.
- **Lightweight Design:** Weighs approximately 6.95 kg, contributing to overall vehicle weight efficiency.



*Image 3.1: Detail of the step's articulated mechanism.*

## 4. Installation and Setup

Installation of the Thule Omni-Step should ideally be performed by a qualified professional to ensure correct mounting and electrical connections. Refer to the detailed mounting instructions provided with the product packaging for specific vehicle models.

### 4.1 Mounting

The step requires secure attachment to the vehicle chassis. Ensure that the mounting points are structurally sound and capable of supporting the step's weight and maximum load capacity. Use

appropriate fasteners as specified in the mounting guide.

## 4.2 Electrical Connection (12V)

Connect the step to the vehicle's 12V electrical system. This typically involves connecting to a fused power source and integrating with the vehicle's ignition system to ensure automatic retraction when the vehicle starts. The integrated contact switch must be wired to the dashboard indicator light as per the wiring diagram.

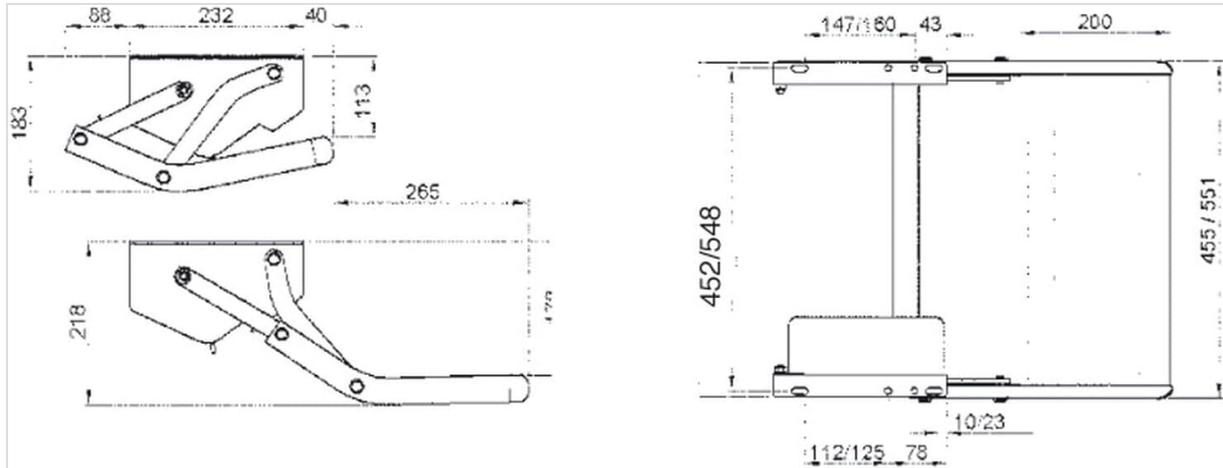


Image 4.1: Technical dimensions for installation planning. All measurements are in millimeters.

## 5. Operation

### 5.1 Extending and Retracting the Step

The Thule Omni-Step is operated via a control switch, typically located near the vehicle's entrance. Pressing the appropriate button will extend or retract the step electrically.



Image 5.1: Example of the control switch for the electric step.

### 5.2 Dashboard Indicator Light

A dashboard indicator light will illuminate when the step is extended and turn off when it is fully retracted. Always check this light before driving to confirm the step is safely stowed.

### 5.3 Emergency Manual Retraction

In the event of an electrical malfunction, the step can be manually retracted. Locate the emergency release mechanism (refer to your specific vehicle's installation guide for its exact position) and follow the instructions to manually push the step back into its stowed position. This system ensures the step can always be retracted for safe travel.

## 6. Maintenance

The Thule Omni-Step is designed for minimal maintenance. The articulated parts feature self-lubricating components, eliminating the need for regular greasing.

- **Cleaning:** Regularly clean the aluminum tread with mild soap and water to remove dirt and debris. Avoid abrasive cleaners that could damage the finish.
- **Inspection:** Periodically inspect the step for any signs of wear, damage, or loose fasteners. Ensure the

electrical connections are secure and free from corrosion.

- **Obstruction Removal:** If the step encounters an obstruction, clear it immediately. Do not force the step to operate if it is obstructed.

## 7. Troubleshooting

If you encounter issues with your Thule Omni-Step, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Step does not extend or retract electrically.	No power, blown fuse, loose electrical connection, motor malfunction.	Check vehicle's 12V power supply and fuse. Inspect electrical connections. If problem persists, contact a qualified technician.
Dashboard indicator light not working.	Faulty wiring, damaged contact switch, bulb failure (if applicable).	Check wiring to the indicator light and contact switch. Ensure the contact switch is properly engaged when the step moves.
Step operates slowly or with difficulty.	Low voltage, obstruction, excessive dirt in mechanism.	Check vehicle battery voltage. Inspect for and remove any obstructions. Clean the step mechanism.
Step does not fully retract.	Obstruction, misaligned mechanism.	Check for and remove any obstructions. If misalignment is suspected, consult a professional.

For issues not listed here or if solutions do not resolve the problem, please contact Thule customer support or a certified service center.

## 8. Specifications

Feature	Specification
Brand	Thule
Model Name	Omni-Step
Part Number	THU5415182010542
Material	Aluminum
Color	Silver
Operating Voltage	12V
Step Width	551 mm
Maximum Load Capacity	200 kg (440 lbs)
Product Weight	6.95 kg (15.3 lbs)
Number of Steps	1
Foldable	Yes
Special Feature	Integrated contact switch for dashboard indicator light

## 9. Warranty and Support

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Thule products are known for their quality and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Thule website. For technical support, spare parts, or service inquiries, please contact your authorized Thule dealer or Thule customer service.

**Thule Official Website:** [www.thule.com](http://www.thule.com)

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