

Thule 1500601221



Thule 5002/5003 Omnistor Crankset

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Thule 5002/5003 Omnistor Crankset (Model 1500601221). Please read these instructions carefully before use to ensure safe and efficient operation of your awning system.

2. PRODUCT OVERVIEW

The Thule Omnistor Crankset is a replacement or accessory part designed for manual operation of Thule Omnistor 5002 and 5003 series awnings. It provides a reliable and efficient mechanism for extending and retracting your awning.



Figure 2.1: Front view of the Thule Omnistor Crankset, showing the square drive and mounting holes.



Figure 2.2: Side view of the Thule Omnistor Crankset, illustrating its compact design and attachment points.

2.1. What's in the Box

- Thule Omnistor Crank Mechanism (1 piece)
- Mounting hardware (screws, washers - as shown in images)

3. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure all mounting hardware is securely fastened before operating the awning.
- Do not attempt to modify the crankset. Use only genuine Thule replacement parts.
- Keep hands and clothing clear of moving parts during operation.

- If the crankset feels unusually stiff or makes abnormal noises, cease operation and inspect for issues.
- Consult a qualified technician if you are unsure about any installation or repair procedures.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the Thule Omnistor Crankset. Specific installation may vary based on your awning model. Refer to your awning's primary manual for detailed instructions.

1. **Preparation:** Ensure the awning is fully retracted and secured. Gather necessary tools (e.g., screwdriver, wrench).
2. **Remove Old Crankset (if applicable):** If replacing an existing crankset, carefully unfasten any screws or bolts holding it in place. Note the orientation for the new installation.
3. **Position the New Crankset:** Align the square drive of the new Thule Omnistor Crankset with the corresponding receiver on your awning mechanism.
4. **Secure Mounting:** Use the provided mounting hardware (screws and washers) to firmly attach the crankset to the awning frame. Ensure it is flush and stable.
5. **Test Operation:** Once installed, slowly turn the crankset to ensure smooth extension and retraction of the awning. Check for any binding or resistance.

5. OPERATING INSTRUCTIONS

To operate your Thule Omnistor awning using the crankset:

- **To Extend the Awning:** Insert the crank handle (not included with crankset) into the square drive of the crankset. Turn the handle clockwise to extend the awning.
- **To Retract the Awning:** Turn the handle counter-clockwise to retract the awning.
- **Stop at Desired Position:** Stop turning the handle once the awning is fully extended or retracted, or at your desired intermediate position. Do not force the mechanism beyond its limits.

6. MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your crankset:

- **Cleaning:** Periodically wipe down the crankset with a damp cloth to remove dirt and debris. Avoid abrasive cleaners.
- **Inspection:** Regularly check all mounting screws and bolts for tightness. Inspect the crankset for any signs of wear, damage, or corrosion.
- **Lubrication:** Lightly lubricate moving parts with a silicone-based spray or similar non-greasy lubricant if operation becomes stiff. Avoid over-lubrication.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Crankset is stiff or hard to turn.	Lack of lubrication, debris in mechanism, misaligned installation.	Clean and lubricate moving parts. Check for debris. Re-align if necessary.
Awning does not extend/retract fully.	Obstruction, internal awning mechanism issue, crankset not fully engaged.	Check for obstructions. Ensure crankset is properly seated. Consult awning manual.

Problem	Possible Cause	Solution
Crankset feels loose after installation.	Mounting screws are loose.	Tighten all mounting screws securely.

8. SPECIFICATIONS

Attribute	Detail
Brand	Thule
Model	Crank mechanism
Item Model Number	1500601221
Compatible Awning Series	Thule Omnistor 5002/5003
Item Weight	14.1 ounces (approx. 0.4 kg)
Product Dimensions	12.6 x 3.94 x 7.87 inches (approx. 32 x 10 x 20 cm)
Date First Available	July 18, 2018

9. WARRANTY AND SUPPORT

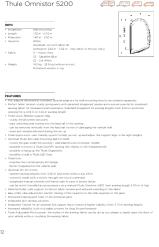
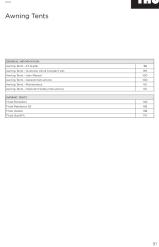
For any questions regarding your Thule Omnistor Crankset, or for warranty information, please contact Thule customer support. You can find more information and contact details on the official Thule website or through the Thule Store on Amazon.

Visit the Thule
Store

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Related Documents - 1500601221

	<p>Thule Product Guide - Van & Minivan Accessories 2020</p> <p>Explore Thule's 2020 Product Guide for van and minivan accessories, featuring innovative roof rack systems, versatile awnings, smart storage solutions, and specialized carriers for bikes, water sports, and winter sports gear. Discover high-quality, secure, and easy-to-use products designed to enhance your active outdoor lifestyle and simplify bringing all your essential gear.</p>
	<p>Thule Adapter for Brandrup Top-Rail Installation Guide</p> <p>Comprehensive installation instructions for the Thule Adapter for Brandrup Top-Rail, designed for Thule Omnistor 2000, 4900, and 5200 awnings on campervans with Brandrup mounting rails.</p>

	<p><u>Thule Omnistor 5200 Awning: Features, Specifications, and Accessories</u></p> <p>Comprehensive guide to the Thule Omnistor 5200 awning, detailing its features, installation options, maintenance, and available accessories. Includes specifications for various sizes and fabric options.</p>
	<p><u>Thule Omnistor 6300 Awning Installation and Safety Instructions</u></p> <p>Comprehensive installation, safety, and warranty guide for the Thule Omnistor 6300 awning, providing step-by-step instructions and important usage information for recreational vehicles.</p>
	<p><u>Thule Awning Tents - Comprehensive Guide and Fitment</u></p> <p>A detailed guide to Thule Awning Tents, including fitment information, specifications, features, and installation instructions for various models like Thule Panorama, Thule Residence G3, Thule Veduta, and Thule QuickFit.</p>
	<p><u>Thule Ducato H3 Wall Adapter V2 Installation Instructions</u></p> <p>Detailed installation guide for the Thule Ducato H3 Wall Adapter V2, including parts list, compatibility, adhesive recommendations, and step-by-step mounting instructions for Thule awnings on Fiat Ducato H3 vans.</p>