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> Thule Thru Axle Adapter 159/165mm (M12X1.5) for Shimano Rear Axles - User Manual

Thule 20110730

Thule Thru Axle Adapter 159/165mm (M12X1.5) User Manual

Model: 20110730

1. PRODUCT OVERVIEW

The Thule Thru Axle Adapter is designed to facilitate the connection of a Thule bike trailer or child seat to bicycles equipped with a 12 mm Shimano rear thru axle. This adapter replaces the bicycle's existing thru axle, providing a secure attachment point for your Thule accessory. It is compatible with thru axles of 159 mm or 165 mm length and features an M12x1.5 thread pitch.



Image 1.1: The Thule Thru Axle Adapter, showing its design for secure bicycle trailer attachment.

2. SAFETY INFORMATION

- Always ensure the thru axle adapter is correctly installed and securely tightened to the manufacturer's specified torque before each use.
- Regularly inspect the thru axle adapter for any signs of wear, damage, or corrosion. Replace immediately if any issues are found.
- Verify that the bike trailer or child seat attachment mechanism is properly engaged with the thru axle adapter.
- Consult your bicycle manufacturer's manual for specific instructions regarding thru axle compatibility and installation.
- Do not modify the thru axle adapter. Use only as intended by Thule.

3. PACKAGE CONTENTS

The Thule Thru Axle Adapter package typically includes:

- 1 x Thule Thru Axle Adapter (159mm or 165mm, M12x1.5)
- 1 x Spacer (for 159mm length applications, if applicable)

4. INSTALLATION

Follow these steps to install the Thule Thru Axle Adapter:

1. **Identify Compatibility:** Confirm that your bicycle uses a 12 mm Shimano rear thru axle with a 1.5 mm thread pitch (M12x1.5) and requires a thru axle length of either 159 mm or 165 mm. Incorrect compatibility can lead to damage or unsafe conditions.
2. **Remove Existing Thru Axle:** Carefully unscrew and remove the existing thru axle from your bicycle's rear wheel. Keep track of any washers or spacers that may have been present.
3. **Insert Thule Thru Axle Adapter:** Insert the Thule Thru Axle Adapter through the drive side dropout, the wheel hub, and out the non-drive side dropout.
4. **Apply Spacer (if necessary):** If your bicycle requires a 159 mm thru axle length, ensure the provided spacer is correctly positioned on the adapter before tightening. For 165 mm applications, the spacer may not be needed.
5. **Tighten Securely:** Thread the nut onto the non-drive side of the thru axle adapter. Using an appropriate tool, tighten the thru axle to the torque specifications provided by your bicycle manufacturer. Do not overtighten.
6. **Attach Trailer Hitch:** Once the thru axle adapter is securely installed, attach your Thule bike trailer or child seat hitch according to its specific instructions. Ensure the hitch is fully engaged and locked onto the adapter.

5. OPERATION

Once the Thule Thru Axle Adapter is correctly installed and the trailer hitch is attached, the adapter functions as a secure and integrated connection point for your Thule bike trailer or child seat. It allows for safe towing by providing a stable and robust interface between your bicycle and the accessory.

6. MAINTENANCE

- **Cleaning:** Keep the thru axle adapter clean from dirt, mud, and road grime. Use a damp cloth to wipe it down after rides, especially in wet or dusty conditions.
- **Inspection:** Periodically inspect the adapter for any signs of wear, such as scratches, dents, or deformation. Check the threads for damage.
- **Torque Check:** Regularly verify that the thru axle adapter is tightened to the correct torque specification. Vibrations from riding can sometimes cause components to loosen over time.
- **Lubrication:** A thin layer of grease on the threads can prevent seizing and make future removal easier. Avoid getting grease on braking surfaces.

7. TROUBLESHOOTING

- **Adapter Does Not Fit:**
 - Ensure the correct length (159mm or 165mm) and thread pitch (M12x1.5) are selected for your bicycle.
 - Verify that the existing thru axle is a 12 mm Shimano type.

- Check for any obstructions in the dropout or hub.

- **Trailer Hitch Is Loose:**

- Ensure the thru axle adapter is fully tightened to the bicycle's specifications.
- Verify that the trailer hitch mechanism is correctly engaged and locked onto the adapter. Refer to your trailer's manual for specific hitch attachment instructions.

- **Difficulty Threading:**

- Ensure the adapter is aligned straight with the threads. Do not force it.
- Check for cross-threading or damaged threads on either the adapter or the bicycle frame.

8. SPECIFICATIONS

Feature	Detail
Brand	Thule
Model Number	20110730
Item Type Name	Thru Axle 159 Or 165mm (M12X1.5) - Shimano
Compatibility	Shimano 12 mm rear axles
Thread Pitch	M12x1.5
Length Options	159 mm or 165 mm
Material	Aluminum
Color	Black
Item Weight	0.22 Pounds (approx. 0.1 kg)
Product Dimensions	1.22"L x 2.01"W x 11.38"H (approx. 3.1cm L x 5.1cm W x 28.9cm H)
Included Components	Bike axle adapter

9. WARRANTY AND SUPPORT

Thule products are known for quality and are tested to meet international standards. This Thule Thru Axle Adapter is covered by Thule's standard warranty against defects in materials and workmanship. For specific warranty details, claims, or technical support, please refer to the official Thule website or contact Thule customer service directly. Keep your proof of purchase for warranty purposes.

For further assistance, visit the official Thule website: www.thule.com

