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Tissting Tisstingxc6v7yrofi

Tissting Bike Rear Shock Absorber Instruction Manual

Model: Tisstingxc6v7yrofi

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Tissting Bike Rear Shock Absorber. Designed for universal compatibility, this 200mm suspension unit with a 1500lbs load capacity enhances ride comfort and control on various vehicles, including mountain bikes, electric bicycles, motorcycles, and ATVs. Please read this manual thoroughly before use to ensure optimal performance and safety.





Image 1.1: The Tissting Bike Rear Shock Absorber, a black spring over a silver body, designed for damping suspension.

2. Safety Information

- Always wear appropriate safety gear when working on or riding your vehicle.
- Ensure the shock absorber is correctly installed and secured before riding. Improper installation can lead to serious injury or damage.
- Do not attempt to disassemble the shock absorber. It contains high-pressure components that can cause injury.
- Regularly inspect the shock absorber for any signs of wear, damage, or leaks. Replace if necessary.
- When adjusting the spring preload, use appropriate tools to avoid finger injury.

3. Package Contents

Please verify that all components are present upon opening the package:

- 1 x Tissting Bike Rear Shock Absorber (200mm, 1500lbs)

4. Specifications

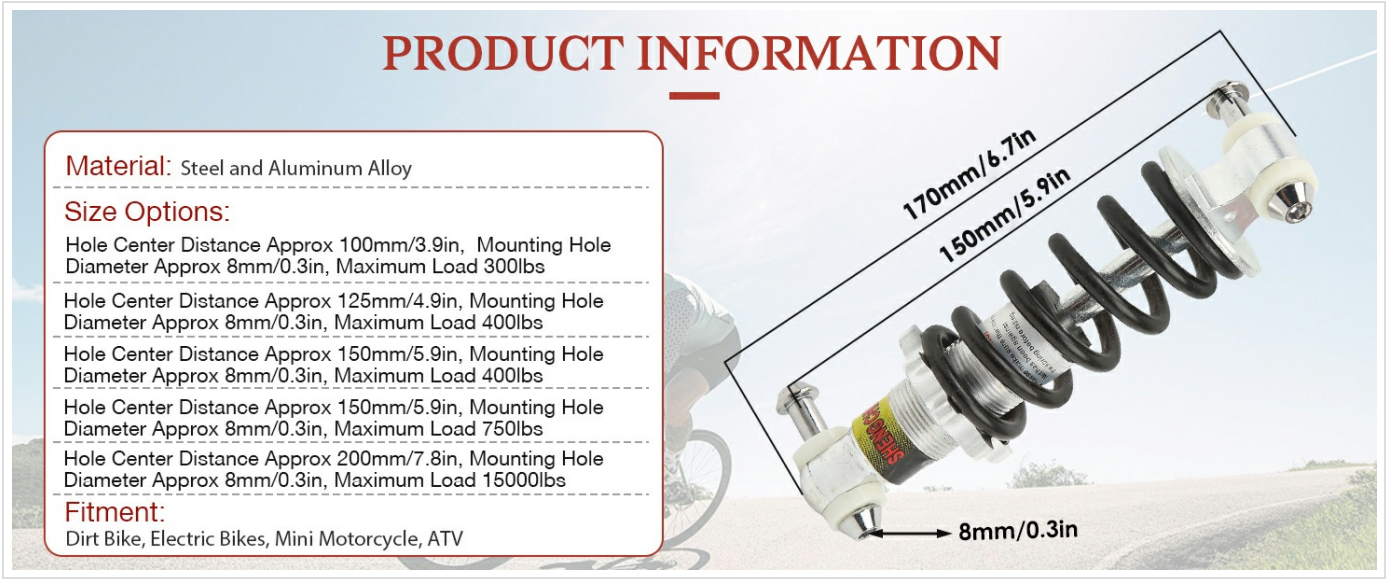


Image 4.1: Visual representation of product information and key dimensions.

Feature	Specification
Brand	Tissting
Model Number	Tisstingxc6v7yrofi
Auto Part Position	Rear
Material	Aluminum Alloy + Steel
Extended Length (Center Hole to Center Hole)	200mm / 7.9 inches
Mounting Hole Diameter	8mm / 0.3 inches
Maximum Load Capacity	1500 lbs
Item Weight	1.15 pounds
Exterior Finish	Black
Automotive Fit Type	Universal Fit
Compatible Vehicle Types	Mountain Bikes, Electric Bicycles, Motorcycles, ATVs, Dirt Bikes, Electric Scooters



Image 4.2: Detailed dimensions of the shock absorber, showing 200mm length and 8mm mounting hole diameter, with a maximum load of 1500lbs.

5. Setup and Installation

The Tissting Bike Rear Shock Absorber is designed for straightforward installation. However, professional installation is recommended if you are unfamiliar with vehicle suspension systems.

5.1 Pre-Installation Check

- Ensure the shock absorber's dimensions (200mm length, 8mm mounting holes) match your vehicle's requirements.
- Gather necessary tools: wrenches, torque wrench, and potentially a stand to support the vehicle.
- Inspect the new shock absorber for any manufacturing defects or shipping damage.

5.2 Installation Steps

1. **Secure the Vehicle:** Place your bike, scooter, or ATV on a stable stand to ensure it is secure and cannot fall during installation.
2. **Remove Old Shock (if applicable):** Carefully unbolt and remove the existing rear shock absorber. Note the orientation and any spacers.
3. **Position the New Shock:** Align the Tissting shock absorber with the mounting points on your vehicle. The 8mm mounting holes should fit directly onto your vehicle's bolts.
4. **Insert Bolts:** Insert the mounting bolts through the shock absorber's eyelets and the vehicle's frame.
5. **Tighten Fasteners:** Hand-tighten the nuts first, then use a torque wrench to tighten them to your vehicle manufacturer's specified torque settings. Do not overtighten.
6. **Final Check:** Once installed, gently compress the suspension a few times to ensure free movement and proper seating. Double-check all bolts for tightness.



Image 5.1: Examples of the Tissting shock absorber installed on different vehicle types, demonstrating its universal fit.

6. Operation

The Tissting Bike Rear Shock Absorber is designed to provide a smoother and more controlled ride by absorbing impacts and vibrations. Its advanced damping system reduces fatigue during extended use and improves handling over varied terrain.

6.1 Spring Preload Adjustment

The shock absorber features an adjustable spring preload. This allows you to fine-tune the suspension's stiffness to match your weight, riding style, and terrain conditions. To adjust:

- Locate the adjustment ring at the top of the spring.
- Using a spanner wrench (not included) or similar tool, rotate the ring to compress or decompress the spring.
- **Tightening (clockwise):** Increases preload, making the suspension stiffer and reducing sag.

- **Loosening (counter-clockwise):** Decreases preload, making the suspension softer and increasing sag.
- Adjust in small increments and test the feel of the suspension. Ensure the spring is securely seated after adjustment.



Image 6.1: Close-up view of the spring and the threaded adjustment ring for preload settings.



Image 6.2: A graph demonstrating how the shock absorber reduces vibration amplitude on uneven surfaces, leading to a smoother ride.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your shock absorber.

- **Cleaning:** After riding, especially in dirty or wet conditions, clean the shock absorber with mild soap and water. Rinse thoroughly and dry. Avoid high-pressure washers directly on seals.
- **Inspection:** Periodically check for any signs of wear, corrosion, or damage to the spring, body, and mounting points. Look for oil leaks around the shaft.
- **Fastener Check:** Ensure all mounting bolts remain tight. Re-torque to manufacturer specifications if necessary.
- **Lubrication:** Keep the shock shaft clean. Some manufacturers recommend a light application of silicone-based lubricant to the shaft to protect seals, but consult your vehicle's manual for specific recommendations.

8. Troubleshooting

If you encounter issues with your shock absorber, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive Sag / Soft Ride	Insufficient spring preload; Worn spring	Increase spring preload; Consider replacing the shock absorber if the spring is worn.
Harsh / Stiff Ride	Excessive spring preload; Incorrect shock for rider weight	Decrease spring preload; Ensure the shock's load capacity (1500lbs) is appropriate for your use.
Unusual Noises (e.g., squeaking, clunking)	Loose mounting bolts; Contamination; Internal damage	Check and tighten all mounting bolts; Clean the shock absorber; If noise persists, seek professional inspection.
Oil Leaks	Damaged seals; Internal component failure	A leaking shock absorber requires replacement. Do not attempt to repair.
Reduced Damping Performance	Internal fluid loss; Worn components	The shock absorber needs to be replaced.

9. Warranty and Support

For warranty information or technical support regarding your Tissting Bike Rear Shock Absorber, please refer to the purchase documentation or contact your retailer. You may also visit the official Tissting brand store for further assistance.

Visit the Tissting Store

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