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Tissting Tissting6xncrpu3d9

Tissting 12.6in/320mm Rear Shocks Absorber Suspension Damper User Manual

Model: Tissting6xncrpu3d9

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Tissting 12.6in/320mm Rear Shocks Absorber Suspension Damper. Please read this manual thoroughly before installation and use to ensure safe and optimal performance of the product.
This product is designed as a replacement rear shock absorber for various vehicles including ATVs, motorcycles, off-road vehicles, and mopeds, offering adjustable damping for improved ride comfort and vehicle stability.

Product Features

- **High-Quality Construction:** Made from high-quality CNC aluminum alloy, high-strength steel, and a high-performance spring for durability and corrosion resistance.
- **Enhanced Ride Comfort:** Designed to quickly absorb and reduce vibrations on rough roads, providing a smoother and more comfortable riding experience.
- **Adjustable Damping:** Features 5 levels of adjustable strength, allowing customization to better suit various road conditions and rider preferences.
- **Wide Compatibility:** Suitable for a broad range of vehicles including ATVs, motorcycles, dirt bikes, and mopeds.
- **Easy Installation:** Engineered for straightforward installation and disassembly, serving as a direct replacement for existing shock absorbers.

Safety Information

Always prioritize safety during installation and operation. Failure to follow safety guidelines can result in injury or damage to the product or vehicle.

- Ensure the vehicle is securely supported before beginning any work on the suspension system.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- If you are unsure about any part of the installation process, consult a qualified mechanic.
- Do not attempt to disassemble the shock absorber, as it contains pressurized components.
- Verify that all fasteners are tightened to the manufacturer's specifications after installation.

Specifications

Attribute	Detail
Product Name	Rear Shocks Absorber Suspension Damper
Brand	Tissting
Model Number	Tissting6xncrpu3d9
Length (Eye to Eye)	320 mm / 12.6 inches
Material	CNC Aluminum Alloy, High-Strength Steel, High-Performance Spring
Adjustability	5 Levels (Preload)
Vehicle Service Type	ATV, Motorcycle, Off-Road Vehicle, Moped
Item Weight	Approximately 2.95 pounds



Image: Detailed dimensions of the Tissting 12.6in/320mm Rear Shock Absorber, highlighting the 320mm / 12.6 inch length, 8mm spring thickness, and 10mm eye diameter.

Setup and Installation

Proper installation is crucial for the performance and safety of the shock absorber. If you are not experienced with vehicle suspension systems, it is recommended to seek professional assistance.

1. **Prepare the Vehicle:** Park the vehicle on a flat, stable surface. Use a suitable stand or lift to securely raise the rear wheel off the ground, ensuring the vehicle cannot move or fall.
2. **Remove Old Shock Absorber:** Carefully locate and remove the bolts securing the existing rear shock absorber at both the upper and lower mounting points. Keep track of all hardware.
3. **Inspect Mounting Points:** Clean and inspect the vehicle's mounting points for any damage, wear, or corrosion. Address any issues before proceeding.
4. **Install New Shock Absorber:** Position the Tissting shock absorber into the upper mounting point and insert the bolt. Do not fully tighten yet. Align the lower mounting point and insert the bolt.
5. **Tighten Fasteners:** Once both ends are aligned and bolts are in place, tighten all mounting bolts to the vehicle manufacturer's recommended torque specifications. Ensure the shock absorber moves freely without binding.
6. **Lower Vehicle:** Carefully lower the vehicle back to the ground.
7. **Initial Inspection:** Bounce the rear of the vehicle a few times to settle the suspension. Re-check all bolts for tightness.



Image: The Tissting 12.6in/320mm Rear Shock Absorber positioned in front of a dirt bike, illustrating its application.

Operating Instructions

The Tissting shock absorber features 5 levels of adjustable preload. Adjusting the preload affects the stiffness of the spring and the ride height. This adjustment should be made to suit rider weight, cargo, and desired ride characteristics.

1. **Adjusting Preload:** Locate the adjustment ring near the spring. Using a spanner wrench (not included, typically supplied with the vehicle or available separately), rotate the ring to compress or decompress the spring.
2. **Stiffer Ride:** Compressing the spring (moving the ring towards the top of the shock) will increase preload, resulting in a stiffer ride and potentially higher ride height.
3. **Softer Ride:** Decompressing the spring (moving the ring away from the top of the shock) will decrease preload, resulting in a softer ride and potentially lower ride height.
4. **Even Adjustment:** If your vehicle uses two rear shocks, ensure both are adjusted to the same preload setting to maintain balanced handling.
5. **Test Ride:** After any adjustment, perform a short test ride in a safe area to evaluate the changes and ensure

comfortable and stable handling.



Image: A detailed view of the adjustment ring on the Tissting shock absorber, used for setting the spring preload.

Maintenance

Regular maintenance helps prolong the life and performance of your shock absorber.

- **Regular Cleaning:** Keep the shock absorber clean from dirt, mud, and debris. Use mild soap and water, then rinse thoroughly. Avoid high-pressure washers directly on seals.

- **Inspect for Damage:** Periodically check for any signs of leaks (oil residue), bent components, cracked springs, or damaged bushings.
- **Check Fasteners:** Ensure all mounting bolts remain tight. Re-torque if necessary according to vehicle manufacturer specifications.
- **Bushings:** Inspect the rubber bushings at the mounting points for wear or deterioration. Replace if necessary to prevent excessive play.

Troubleshooting

Problem	Possible Cause	Solution
Excessive Bouncing / Soft Ride	Insufficient spring preload; Worn internal damping components.	Increase spring preload (stiffer setting). If problem persists, the shock may need replacement.
Harsh / Stiff Ride	Too much spring preload; Incorrect shock for application.	Decrease spring preload (softer setting). Verify shock is correct for your vehicle model and weight.
Oil Leaks	Damaged seals; Internal component failure.	A leaking shock absorber cannot be repaired and must be replaced.
Clunking / Rattling Noise	Loose mounting bolts; Worn bushings; Internal damage.	Check and tighten all mounting bolts. Inspect and replace worn bushings. If noise persists, replace the shock.

Warranty and Support

For warranty information or technical support regarding your Tissting 12.6in/320mm Rear Shocks Absorber Suspension Damper, please refer to the purchase documentation or contact Tissting customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.
For general inquiries or to explore other Tissting products, you may visit theTissting Store on Amazon.

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