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Aramox Aramoxszwevgi9kx

Aramox 290mm Motorcycle Shock Absorber User Manual

Model: Aramoxszwevgi9kx
Brand: Aramox

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Aramox 290mm Motorcycle Shock Absorber. This suspension component is designed to enhance ride comfort and stability for various vehicles, including ATVs, Quads, Dirt Bikes, and Go Karts. Please read this manual thoroughly before installation and use to ensure safe and optimal performance.

2. Safety Information

- **Professional Installation Recommended:** If you are not experienced with vehicle suspension systems, it is highly recommended to have this shock absorber installed by a qualified mechanic.
- **Use Appropriate Tools:** Always use the correct tools for installation and removal to prevent damage to the shock absorber or vehicle components.
- **Wear Protective Gear:** Wear safety glasses and gloves during installation and maintenance.
- **Vehicle Stability:** Ensure the vehicle is securely supported on a stable stand or lift before beginning any work on the suspension.
- **Spring Compression:** Shock absorber springs are under high tension. Exercise extreme caution when handling or disassembling to avoid injury. Do not attempt to disassemble the shock absorber unless you are a trained professional with specialized tools.
- **Regular Inspection:** Periodically inspect the shock absorber for signs of wear, damage, or leaks. Replace immediately if any issues are found.

3. Package Contents

Upon opening the package, verify that all components are present and undamaged:

- 1 x Aramox 290mm Motorcycle Shock Absorber

4. Specifications

Refer to the following specifications for your shock absorber:

Feature	Specification
Item Type	Shock Absorber
Material	Metal Alloy + High Performance Spring
Installation Hole Distance	Approx. 290mm / 11.42in
Hole Inner Diameter	Approx. 10mm / 0.39in
Spring Diameter	Approx. 11mm / 0.43in
Installation Hole Thickness	Approx. 20mm / 0.79in
LBS Rating	Approx. 980
Weight	Approx. 4.42 pounds

5. Setup (Installation)

This shock absorber is designed for universal fitment on vehicles with a 290mm mounting hole distance. Installation typically involves replacing an existing shock absorber. Follow these general steps:

1. **Prepare the Vehicle:** Securely lift and support the vehicle (ATV, Quad, Dirt Bike, Go Kart) to allow the suspension to hang freely. Ensure the vehicle is stable and cannot fall.
2. **Remove Old Shock Absorber:** Carefully unbolt the top and bottom mounting points of the old shock absorber. You may need to compress the suspension slightly to relieve tension.
3. **Inspect Mounting Points:** Clean and inspect the vehicle's mounting points for any damage or wear. Replace any worn bushings or hardware as needed.
4. **Install New Shock Absorber:** Position the new Aramox shock absorber into the mounting locations. Align the 10mm inner diameter holes with the vehicle's mounting bolts.
5. **Secure Fasteners:** Insert and hand-tighten the mounting bolts. Once both ends are aligned and bolts are in place, tighten them to the vehicle manufacturer's specified torque settings. Do not overtighten.
6. **Lower Vehicle:** Carefully lower the vehicle and ensure the shock absorber is functioning correctly.



Image: Aramox 290mm Motorcycle Shock Absorber showing key dimensions including 290mm installation hole distance, 10mm hole inner diameter, and 11mm spring diameter.

The shock absorber features a 290mm (11.42in) installation hole distance and a 10mm (0.39in) inner hole diameter, ensuring compatibility with a wide range of applications. The spring has an 11mm (0.43in) diameter for robust performance.

6. Operating

Once installed, the Aramox shock absorber operates automatically as part of your vehicle's suspension system. It is designed to provide advanced damping control, adapting efficiently to various road conditions. This results in enhanced comfort and a smoother riding experience by absorbing impacts and reducing vibrations from uneven terrain.



Image: The Aramox shock absorber shown in context with an ATV, illustrating its application in off-road vehicles.

7. Maintenance

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

- **Visual Inspection:** Periodically check the shock absorber for any visible signs of damage, such as dents, cracks, or corrosion on the body or spring.
- **Check for Leaks:** Inspect the shock absorber for any oil leaks around the seals. A leaking shock absorber indicates a failure and requires replacement.
- **Mounting Points:** Ensure all mounting bolts are securely tightened. Check bushings for wear or deterioration. Replace worn bushings to prevent excessive play and noise.
- **Cleaning:** Keep the shock absorber clean from dirt, mud, and debris, especially around the shaft and seals, to prevent premature wear.

8. Troubleshooting

If you experience issues with your vehicle's suspension after installing the shock absorber, consider the following:

- **Excessive Bouncing or Soft Ride:** This could indicate a worn or faulty shock absorber, or incorrect spring rate for your vehicle's weight. Verify the shock absorber is correctly installed and not leaking.
- **Stiff Ride:** If the ride feels unusually stiff, ensure the shock absorber is not binding and that all mounting points are free to move.
- **Unusual Noises (Clunking, Squeaking):** Check all mounting bolts for tightness. Inspect bushings for wear or damage. Ensure no components are rubbing against the shock absorber.
- **Uneven Ride Height:** This may indicate an issue with the spring or other suspension components, not necessarily the shock absorber itself.

If troubleshooting steps do not resolve the issue, consult a qualified mechanic for diagnosis and repair.

9. Warranty and Support

For information regarding warranty coverage, claims, or technical support for your Aramox 290mm Motorcycle Shock Absorber, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

You can visit the Aramox store for more information:Aramox Store

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