

MST MT11

MST MT11 Single Wheel Instruction Manual

Model: MT11 (Part Number: 11-7917-20-SILL)

1. INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and care of your new MST MT11 single wheel. Adhering to these instructions will ensure optimal performance and longevity of the product. Please read this manual thoroughly before proceeding with any installation or maintenance procedures.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Wheel and tire installation should ideally be performed by a qualified professional using appropriate tools and safety equipment.
- **Proper Torque:** Always use a torque wrench to tighten lug nuts to the vehicle manufacturer's specified torque settings. Incorrect torque can lead to wheel detachment or damage.
- **Tire Mounting:** Ensure tires are mounted by a professional to prevent damage to the wheel or tire bead.
- **Regular Inspection:** Periodically inspect wheels for damage, cracks, or loose lug nuts.
- **Vehicle Compatibility:** Verify that the wheel specifications (bolt pattern, offset, center bore) are compatible with your vehicle before installation.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- 1 x MST MT11 Single Wheel (Silver w/Machined Lip)
- 1 x MST Center Cap
- *(Note: Valve stem and lug nuts are typically sold separately and are not included with a single wheel.)*

4. SETUP AND INSTALLATION

Follow these steps for proper installation. It is highly recommended to have this procedure performed by a certified automotive technician.

1. **Pre-Installation Check:** Before mounting, visually inspect the wheel for any shipping damage. Ensure the wheel's specifications (diameter, width, bolt pattern, offset, center bore) match your vehicle's requirements.
2. **Tire Mounting:** Have a professional mount the appropriate tire onto the wheel. Ensure proper balancing to prevent vibrations.
3. **Vehicle Preparation:** Park the vehicle on a level surface, engage the parking brake, and use jack stands for support. Remove the existing wheel.
4. **Hub Cleaning:** Clean the vehicle's hub surface to remove any rust, dirt, or debris that could prevent the wheel from seating flush.
5. **Wheel Installation:** Carefully place the new wheel onto the hub. Ensure it sits flush against the mounting surface.
6. **Lug Nut Installation:** Install lug nuts by hand, ensuring they thread smoothly. Tighten them in a star pattern until snug.
7. **Torque to Specification:** Lower the vehicle until the tire just touches the ground. Using a calibrated torque wrench, tighten the lug nuts to the vehicle manufacturer's specified torque in a star pattern. Refer to your vehicle's owner's manual for exact torque specifications.
8. **Final Check:** After driving approximately 50-100 miles, re-check the lug nut torque to ensure they remain properly tightened.



Image 1: The MST MT11 single wheel in silver with a machined lip. This image displays the multi-spoke design and the polished outer edge of the wheel, highlighting its aesthetic features and construction.

5. USAGE GUIDELINES

Once installed, your MST MT11 wheels are designed for standard road use. Avoid impacts with curbs or potholes, which can cause damage to the wheel structure or finish. Always adhere to speed limits and safe driving practices.

6. MAINTENANCE

- **Cleaning:** Clean your wheels regularly using mild soap and water. Avoid abrasive cleaners, harsh chemicals, or stiff brushes, which can damage the finish. Rinse thoroughly and dry with a soft cloth to prevent water spots.
- **Inspection:** Periodically inspect the wheels for any signs of damage, such as bends, cracks, or corrosion. Check for loose lug nuts, especially after significant temperature changes or long drives.
- **Tire Pressure:** Maintain correct tire pressure as specified by your vehicle manufacturer. Incorrect pressure can affect handling, tire wear, and potentially damage the wheel.
- **Tire Rotation:** Follow your vehicle manufacturer's recommendations for tire rotation to ensure even tire wear and

prolong the life of your tires and wheels.

7. TROUBLESHOOTING

- **Vibration After Installation:**
 - *Possible Cause:* Improper tire balancing or loose lug nuts.
 - *Solution:* Have tires re-balanced by a professional. Re-torque lug nuts to vehicle specifications.
- **Air Leakage:**
 - *Possible Cause:* Damaged valve stem, improper tire bead seating, or a damaged wheel.
 - *Solution:* Inspect valve stem for damage. Have a professional check tire bead and wheel for damage.
- **Unusual Noise:**
 - *Possible Cause:* Loose lug nuts, wheel rubbing against brake components, or suspension issues.
 - *Solution:* Immediately pull over and inspect. Re-torque lug nuts. Consult a professional mechanic.

8. SPECIFICATIONS

Feature	Specification
Model Name	MT11
Part Number	11-7917-20-SILL
Brand	MST
Wheel Size	17x9.0 inches
Offset	20 mm
Bolt Pattern	5x100 / 5x114.3
Center Bore	73.1 mm
Color	Silver w/Machined Lip
Item Weight	Approximately 20 pounds (9.07 kg)

9. WARRANTY AND SUPPORT

MST wheels are manufactured to high-quality standards. For specific warranty information regarding your MT11 wheel, please refer to the warranty documentation provided at the time of purchase or visit the official MST website. For technical support or inquiries, please contact your authorized MST dealer or the manufacturer directly.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question