Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Enkei 365-885-6538SP

Enkei NT03+M Racing Wheel Instruction Manual

Model: 365-885-6538SP | Brand: Enkei

1. Introduction

This manual provides essential information for the proper installation, usage, and maintenance of your Enkei NT03+M Racing Wheel. Please read this manual thoroughly before attempting any installation or use to ensure safety and optimal performance.

The Enkei NT03+M is a high-performance racing wheel designed for specific vehicle applications, featuring an 18x8.5 inch size, 5x114.3 bolt pattern, and a +38mm offset with a 72.6mm bore. It is finished in silver paint.



Image 1.1: Front view of the Enkei NT03+M Racing Wheel, showcasing its multi-spoke design and silver finish.

2. Safety Information

Always prioritize safety during installation and use. Improper installation or maintenance can lead to serious injury or

damage to your vehicle.

- Ensure the vehicle is securely supported on jack stands before working underneath it. Never rely solely on a jack.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Verify that the wheel specifications (diameter, width, bolt pattern, offset, center bore) match your vehicle's requirements. Consult your vehicle's owner's manual or a qualified automotive professional.
- Use only lug nuts or bolts that are compatible with your new wheels and vehicle.
- Do not overtighten or undertighten lug nuts. Use a torque wrench to achieve the manufacturer's specified torque settings.
- Professional installation by a certified technician is highly recommended.

3. Setup and Installation

Proper installation is crucial for the performance and safety of your Enkei wheels.

3.1. Pre-Installation Checks

1. Inspect the wheel for any shipping damage. Do not install damaged wheels.
2. Confirm the wheel's specifications (size, bolt pattern, offset, center bore) match your vehicle's requirements.
3. Ensure you have the correct lug nuts/bolts and hub-centric rings (if required) for your vehicle and the new wheels.

3.2. Tire Mounting and Balancing

Tire mounting and balancing should be performed by a qualified tire professional using appropriate equipment to prevent damage to the wheel or tire.

- Use a non-marring tire mounting machine.
- Ensure proper bead lubrication.
- Balance the wheel and tire assembly using a high-quality balancing machine to prevent vibrations.



Image 3.1: Close-up view of the Enkei NT03+M wheel's center cap, showing the brand logo and lug nut holes.

3.3. Vehicle Installation

1. Park the vehicle on a flat, level surface and engage the parking brake.
2. Loosen the lug nuts on the wheel you intend to remove.
3. Jack up the vehicle and secure it with jack stands.
4. Remove the old wheel. Clean the wheel hub surface thoroughly to ensure proper seating of the new wheel.
5. If using hub-centric rings, install them onto the vehicle's hub or the wheel's center bore as per their design.
6. Mount the Enkei wheel onto the vehicle's hub, ensuring it sits flush.
7. Install the lug nuts/bolts by hand, ensuring they thread correctly.
8. Lower the vehicle until the tire just touches the ground, but the full weight is not on the wheel.
9. Using a torque wrench, tighten the lug nuts/bolts in a star pattern to the vehicle manufacturer's specified torque. *Refer to your vehicle's owner's manual for exact torque specifications.*
10. Fully lower the vehicle and remove the jack stands.
11. After driving approximately 50-100 miles, re-torque all lug nuts/bolts to ensure they remain properly tightened.



Image 3.2: Detailed view of the Enkei NT03+M wheel's rim edge and valve stem opening.

4. Usage Considerations

While designed for performance, proper usage ensures longevity and safety.

- Avoid impacts with potholes, curbs, or other road hazards that could damage the wheel.
- Regularly check tire pressure as per your vehicle manufacturer's recommendations.
- If you experience unusual vibrations or noises after installation, immediately pull over safely and inspect the wheels and tires. Re-torque lug nuts if necessary, or seek professional assistance.

5. Maintenance

Regular maintenance will keep your Enkei wheels looking good and performing optimally.

5.1. Cleaning

- Clean wheels regularly with mild soap and water.
- Avoid abrasive cleaners, harsh chemicals, or stiff brushes that can damage the finish.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.

5.2. Inspection

- Periodically inspect wheels for any signs of damage, such as cracks, bends, or deep scratches.
- Check lug nuts for proper torque at regular intervals, especially after tire rotations or any wheel removal.



Image 5.1: Close-up of an Enkei NT03+M wheel spoke, highlighting the "ENKEI" engraving.

6. Troubleshooting

Common issues and their potential solutions:

Problem	Possible Cause	Solution
Vibration at speed	Unbalanced wheel/tire, loose lug nuts, bent wheel, tire issue.	Have wheels re-balanced. Check and re-torque lug nuts. Inspect wheel for damage. Inspect tires.
Abnormal tire wear	Improper tire pressure, misalignment, unbalanced wheel.	Check tire pressure. Have vehicle alignment checked. Have wheels re-balanced.
Wheel noise (e.g., squeaking)	Loose lug nuts, brake component interference, bearing issue.	Check and re-torque lug nuts. Inspect brake components for clearance. Consult a mechanic for bearing inspection.

If troubleshooting steps do not resolve the issue, consult a qualified automotive technician.

7. Specifications

Key specifications for the Enkei NT03+M Racing Wheel (Model: 365-885-6538SP):

- **Size:** 18 inches
- **Width:** 8.5 inches
- **Bolt Pattern (PCD):** 5x114.3 Millimeters
- **Offset:** +38 Millimeters

- **Center Bore:** 72.6 Millimeters
- **Color:** Silver Paint
- **Vehicle Service Type:** Passenger Car
- **Manufacturer Part Number:** 365-885-6538SP

8. Warranty and Support

For information regarding warranty coverage, claims, or technical support for your Enkei NT03+M Racing Wheel, please contact Enkei customer service directly or refer to the official Enkei website. Keep your purchase receipt as proof of purchase.

Enkei Official Website: www.enkei.com

© 2024 Enkei. All rights reserved. This manual is for informational purposes only.

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

Open the live page

https://manuals.plus/asin/B002HLX282

More documents and user manuals: **https://manuals.plus/**