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McGard 64023

McGard 64023 Chrome Bulge Cone Seat Style Lug Nut Instruction Manual

Model: 64023 | Brand: McGard

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your McGard 64023 Chrome Bulge Cone Seat Style Lug Nuts. Adhering to these instructions will ensure optimal performance, safety, and longevity of your lug nuts. Please read this manual thoroughly before installation.

2. PRODUCT OVERVIEW

The McGard 64023 lug nuts are designed for durability and aesthetic appeal. Manufactured from high-quality alloy steel and finished with a triple-nickel chrome plating, these lug nuts are engineered to resist chipping, peeling, and rust, even under harsh conditions. The bulge cone seat style is specifically designed to match the wider seating surface found on some aluminum wheels, ensuring a secure fit. This set includes four (4) lug nuts.





Image: McGard 64023 Chrome Bulge Cone Seat Style Lug Nuts, packaged as a set of four.



Image: A close-up view of a single McGard 64023 Chrome Bulge Cone Seat Style Lug Nut.

3. SAFETY INFORMATION

- **Professional Installation Recommended:** If you are unsure about any step, consult a qualified automotive technician.
- **Correct Torque is Critical:** Always tighten lug nuts to the vehicle manufacturer's specified torque settings. Overtightening or undertightening can lead to wheel damage, stud failure, or wheel detachment.
- **Use Proper Tools:** Use a torque wrench for final tightening. Avoid using impact wrenches for final torque as they can lead to inaccurate tightening.
- **Inspect Regularly:** Periodically check lug nut torque, especially after tire rotations or wheel removal.
- **Compatibility:** Ensure these lug nuts are compatible with your vehicle's wheel studs and wheel type (M14 x 1.5 thread size, bulge cone seat).

4. SETUP (INSTALLATION)

Follow these steps for proper installation of your McGard lug nuts:

1. **Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the wheels that will remain on the ground. Loosen the lug nuts on the wheel to be removed slightly before lifting the vehicle.
2. **Lift and Secure:** Use a jack to lift the vehicle and secure it with jack stands. Remove the old lug nuts and the wheel.
3. **Inspect Components:** Clean any rust or debris from the wheel studs, wheel hub, and the back of the wheel. Ensure the wheel studs are in good condition.
4. **Mount the Wheel:** Carefully place the wheel onto the wheel studs. Ensure the wheel is seated flush against the hub.
5. **Install New Lug Nuts:** Thread the McGard lug nuts onto the wheel studs by hand. Ensure they thread smoothly without resistance. Do not force them.
6. **Initial Tightening:** Using a lug wrench, tighten the lug nuts in a star or crisscross pattern until they are snug. This helps to properly seat the wheel.
7. **Lower Vehicle:** Lower the vehicle until the wheel just touches the ground, but the full weight is not yet on the wheel.
8. **Final Torque:** Using a calibrated torque wrench, tighten each lug nut to the vehicle manufacturer's specified torque setting. Continue to use a star or crisscross pattern. Repeat the pattern once or twice to ensure all lug nuts are properly torqued.

9. **Final Check:** Lower the vehicle completely and remove the jack and jack stands.

5. OPERATING (USAGE)

Once installed, your McGard lug nuts function as standard wheel fasteners. It is crucial to maintain proper torque for safe vehicle operation.

- **Re-torque After Driving:** After driving approximately 50-100 miles (80-160 km) following installation or wheel removal, re-check the torque of all lug nuts with a torque wrench. Wheels can settle, and lug nuts may loosen slightly.
- **Regular Checks:** Periodically check lug nut torque as part of your routine vehicle maintenance, especially before long trips.

6. MAINTENANCE

Proper maintenance will help preserve the appearance and integrity of your chrome lug nuts.

- **Cleaning:** Clean your lug nuts regularly with mild soap and water. Avoid harsh abrasive cleaners, wire brushes, or strong chemical wheel cleaners, as these can damage the chrome finish.
- **Inspection:** Routinely inspect lug nuts for any signs of damage, corrosion, or wear. Replace any damaged lug nuts immediately.
- **Storage:** If removed for seasonal tire changes, store lug nuts in a clean, dry environment to prevent corrosion.

7. TROUBLESHOOTING

Common issues related to lug nuts and their potential solutions:

Problem	Possible Cause	Solution
Lug nuts loosen after driving	Improper initial torque, wheel settling	Re-torque lug nuts after 50-100 miles. Ensure correct torque specification is used.
Difficulty threading lug nuts	Cross-threading, damaged stud, debris on threads	Do not force. Remove lug nut, inspect threads on both nut and stud. Clean or replace damaged components.
Chrome finish peeling/rusting	Exposure to harsh chemicals, physical damage, manufacturing defect	Avoid harsh cleaners. Replace damaged lug nuts. Contact McGard support if defect is suspected.
Lug nut will not tighten	Stripped threads on lug nut or stud	Immediately replace the stripped lug nut and/or wheel stud. Do not drive the vehicle until repaired.

8. SPECIFICATIONS

Feature	Detail
Model Number	64023

Feature	Detail
Thread Size	M14 x 1.5
Seat Style	Bulge Cone Seat
Material	Alloy Steel, Aluminum
Exterior Finish	Chrome (Painted)
Color	Chrome
Thread Style	Right Hand
Thread Coverage	Fully Threaded
Quantity	4 Lug Nuts per set
Item Dimensions (L x W x H)	7.5 x 3.25 x 1.5 inches (packaging)
Item Package Weight	0.77 pounds
UPC	083509640236

9. WARRANTY AND SUPPORT

McGard products are manufactured to high standards. For specific warranty information, product support, or to address any concerns, please refer to the official McGard website or contact their customer service directly. Keep your purchase receipt for warranty claims.

McGard Official Website: mcard.com