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> McGard 60129 Chrome Racing Shank Style Lug Nut Set Instruction Manual

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Model: 60129 | Brand: McGard

PRODUCT OVERVIEW

The McGard 60129 Chrome Racing .490" Shank Style Lug Nut Set is designed for securing wheels, particularly for applications requiring a .490" shank length, such as Centerline Convo Pro and Weld Pro Star wheels. This set includes four lug nuts, four polished stainless steel washers, and four black nylon allen plugs. Manufactured from restricted chemistry steel and through-hardened for durability, these lug nuts feature a triple-nickel and microporous chrome plating for superior finish and protection against rust, chipping, and peeling.



Image: The McGard 60129 Chrome Racing Shank Style Lug Nut Set, showing four chrome lug nuts, four washers, and two black nylon plugs.

SETUP AND INSTALLATION

Proper installation of lug nuts is crucial for vehicle safety. Follow these steps carefully:

- 1. Preparation:** Before installing new lug nuts, remove one existing lug nut from your wheel. Inspect the wheel stud. If the stud shows signs of rust, clean it thoroughly with a wire brush. *Do not lubricate the threads of the wheel studs or lug nuts.*
- 2. Hand-Threading:** Begin by threading the new lug nut onto the wheel stud by hand. Ensure it threads smoothly without resistance.
- 3. Tool Selection:** Use a lug wrench or socket that is deep enough to prevent contact with the top of the lug nut during tightening. This prevents damage to the lug nut's finish.
- 4. Torque Application:** Tighten each lug nut to the recommended installation torque. This specification can be found in your vehicle's owner's manual. If installing on an aftermarket wheel, refer to the torque setting recommended by the wheel manufacturer.
- 5. Tightening Pattern:** Repeat the tightening steps in a progressive criss-cross pattern for each lug nut on the wheel. This ensures even seating of the wheel. Apply this pattern to all wheels on your vehicle.

6. **Thread Engagement:** Ensure that the minimum thread engagement between the lug nut and the wheel stud is equal to the thread diameter of the wheel stud.
7. **Important Note:** It is not recommended to use an impact gun for tightening lug nuts. Use of an impact gun can result in uneven or overtightening, which may damage wheels or distort brake rotors.



Video: Official McGard Lug Nut Installation Guide. This video demonstrates the correct procedure for installing McGard lug nuts, including preparation, hand-threading, and proper torque application using a torque wrench. It also highlights important safety considerations.

OPERATING AND SAFETY

Lug nuts are critical fasteners that secure your vehicle's wheels. Correct installation and regular checks are essential for safe operation.

- **Initial Re-Torque:** After the first 25 miles of driving following installation, it is crucial to re-torque all lug nuts to the manufacturer's specified settings. This accounts for any initial settling of the wheel and ensures continued secure fastening.
- **Regular Inspection:** Periodically inspect your lug nuts for any signs of loosening, damage, or corrosion. Address any issues promptly.
- **Allen Plugs:** For street use, the black nylon allen plugs can remain in place. For track or pro street applications, these plugs can be unscrewed to allow the use of extra-long NHRA approved studs.

MAINTENANCE

McGard lug nuts are designed for durability and minimal maintenance due to their advanced plating process. However, proper care can extend their aesthetic appeal.

- **Cleaning:** Clean lug nuts regularly with mild automotive soap and water. Avoid harsh abrasive cleaners or brushes that could damage the chrome finish.
- **Protection:** The triple-nickel and microporous chrome plating provides excellent protection against rust, chipping, and peeling. No special protective coatings are typically required.
- **Durability:** McGard lug nuts are built to withstand harsh elements and corrosive wheel cleaners.



Image: A visual comparison demonstrating the long-term durability of McGard lug nuts (labeled 'McGard') compared to other brands (labeled 'A', 'B', 'C', 'D') over 1, 3, and 5 years, highlighting McGard's resistance to rust and corrosion.

TROUBLESHOOTING

If you encounter any issues with your McGard lug nuts, consider the following:

- **Loosening Lug Nuts:** Ensure lug nuts were torqued to the correct specification and re-torqued after the initial 25 miles of driving. Re-torque immediately if any looseness is detected.
- **Difficulty Threading:** Verify that the wheel studs are clean and free of rust or debris. Ensure the lug nut is correctly aligned before hand-threading. Do not force the lug nut.
- **Damage to Finish:** Avoid using impact guns or ill-fitting lug wrenches, as these can cause cosmetic damage to the chrome finish.

For further assistance or if problems persist, please contact McGard Technical Support.

SPECIFICATIONS

Feature	Detail
Model Number	60129
Seat Style	Shank Seat Nut
Shank Length	.490"
Thread Size	M12 x 1.5
Overall Length	1.60"

Hex Size	13/16"
Material	Alloy Steel, Nylon, Stainless Steel
Exterior Finish	Chrome
Color	Chrome
Item Weight	8 ounces (for the set)
Number of Pieces	4 Lug Nuts / 4 Washers / 4 Black Plugs
UPC	083509601299

WARRANTY INFORMATION

McGard Chrome Plated Tough Nuts are guaranteed for life not to chip, peel, or rust. This warranty reflects the high-quality manufacturing and durable plating process designed to withstand harsh conditions and maintain appearance over time.

SUPPORT

For technical assistance, product inquiries, or any questions regarding your McGard lug nuts, please contact McGard Technical Support:

- **Phone:** 1-800-444-5847
- **Website:** mcard.com

When contacting support, please have your product model number (60129) available.