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› MTD 712-0241 Hex Nut Instruction Manual

MTD Genuine Parts 712-0241

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Genuine Replacement Part for Outdoor Power Equipment

1. PRODUCT OVERVIEW

The MTD 712-0241 Hex Nut is an Original Equipment Manufacturer (OEM) replacement part designed for securing various components in outdoor power equipment. This durable metal fastener ensures a secure connection, critical for the safe and efficient operation of your machinery. It replaces prior MPNs such as AM-007461, 912-0241, 712-0439, 712-0328, and 712-0241P.

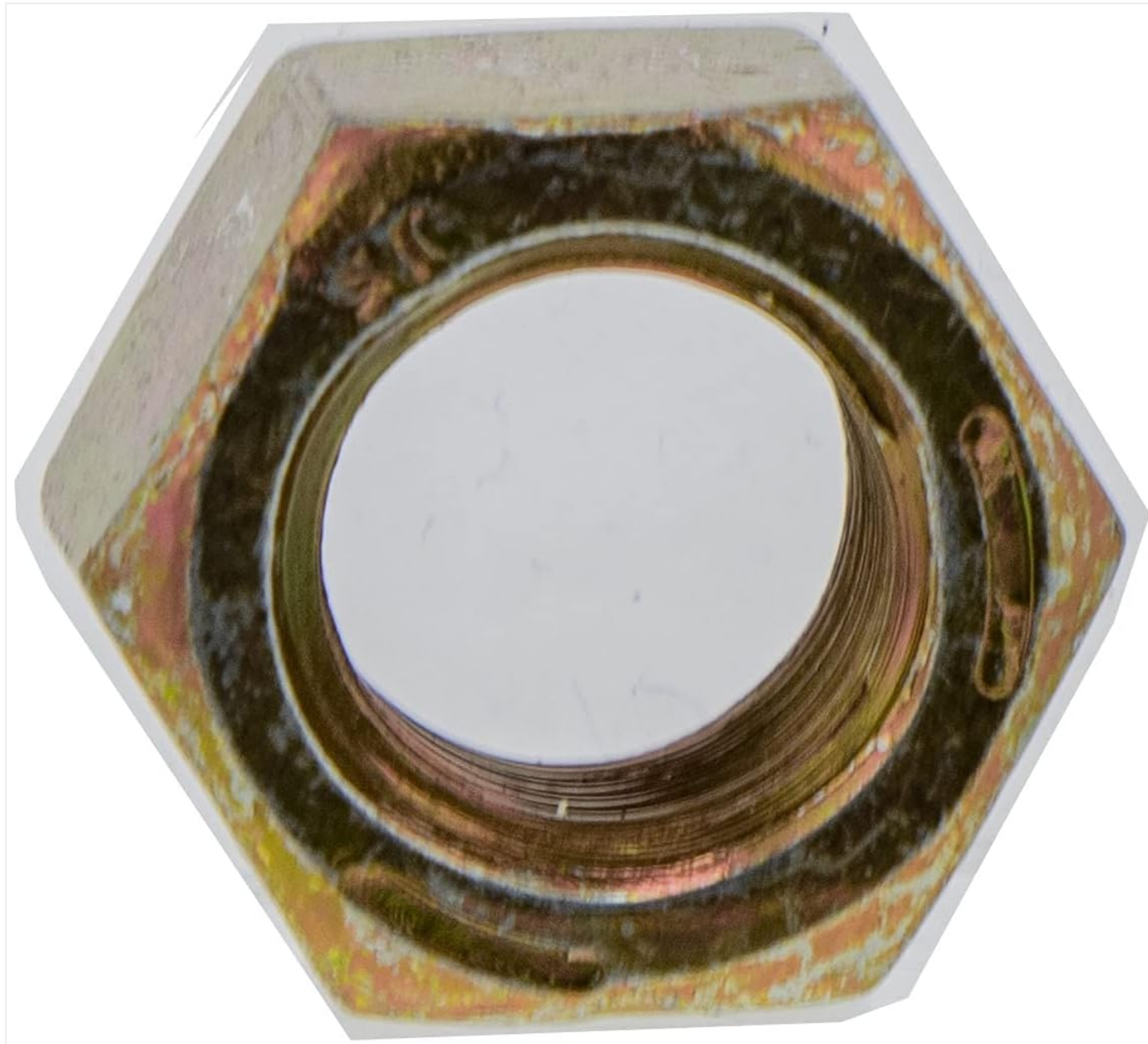


Figure 1: Top-down view of the MTD 712-0241 Hex Nut, showing the internal threading.

2. COMPATIBILITY

This hex nut is compatible with a wide range of outdoor power equipment from various brands. Always refer to your original equipment owner's manual to verify compatibility before installation.

Compatible Brands:

- MTD
- Murray
- Yard-Machines
- Craftsman
- White Outdoor
- Lawnflite
- Huskee
- Mastercut
- Wizard

- Ranch King
- MTD Gold
- Servistar
- Statesman
- Mastercraft
- Lawn Chief

Partial List of Compatible Models:

- 1000, 478R, 650F, 508R, 050R, LT-42, 365, 652F, 800H, 659G, 650G, 410R, 084R, 840H, 082R, 405 FRT, 364, 280R, 072R, 668, 670G, LT-46, 601, 282R, 848H, 476R, 652, 679G, 424R, 849H
- 689G, 402 CRT, 074R, R-10, LT-1500, 236R, 659F, 580R, 653, 612, 660G, 020R, 451F, 804P, 818P, LT-1650, 669G, 342, 609H, 452F, 808H, 844H, 699G, 690G, 030R, 322, GT-1855, FST-14
- 698D, Lawn Boss 21, 412R, 699, 070R, 803H, 200R, 332, 214, 374, 619G, L-8, 660F, 623, 814K, 808P, LT-1800, RD-1750, LT-1850, 065 Lawn Utility Vehicle, 605H, 622, 040R, 300R



Figure 2: Angled view of the MTD 712-0241 Hex Nut, highlighting its hexagonal shape.

3. SPECIFICATIONS

Attribute	Detail
Part Number	712-0241
Material	Metal
Fastener Type	Hex Nut
Drive System	External Hex
Dimensions (L x W x H)	16 x 10 x 1 inches (Product Dimensions)
Item Weight	0.16 ounces (approx. 4.54 g)
UPC	889021271893
Manufacturer	MTD

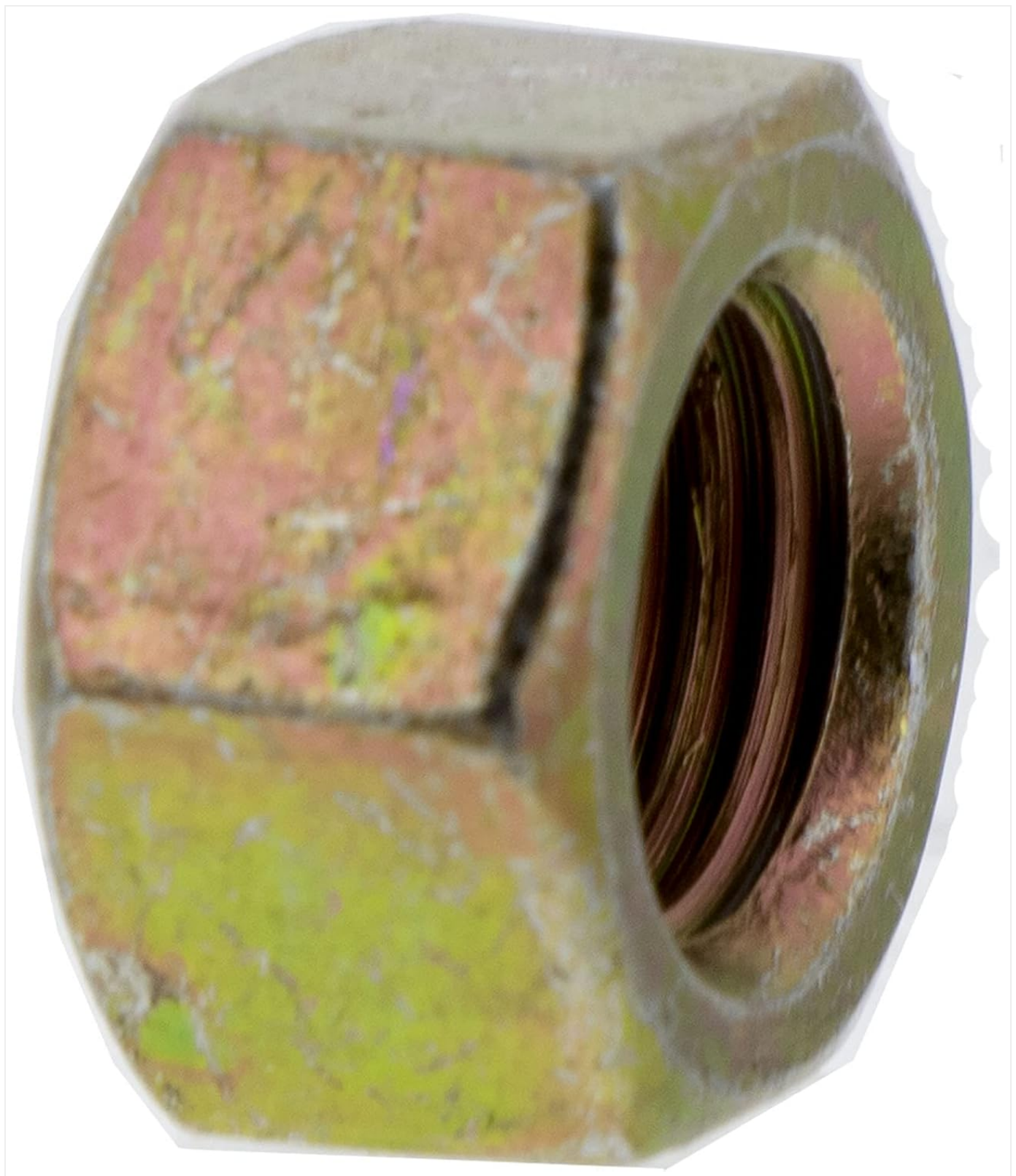


Figure 3: Side view of the MTD 712-0241 Hex Nut, showing its profile.

4. SETUP AND INSTALLATION

Proper installation of the hex nut is crucial for safety and performance. Always ensure the equipment is turned off and cooled down before beginning any maintenance or installation.

1. **Safety First:** Disconnect spark plug wires or remove battery to prevent accidental starting. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
2. **Identify Location:** Locate the component requiring the hex nut. Ensure the mating bolt or threaded rod is clean and free of debris.

3. **Verify Threading:** Confirm that the hex nut's internal threading matches the external threading of the bolt or rod. Attempting to force an incompatible nut can strip threads.
4. **Position the Nut:** Place the hex nut onto the threaded component.
5. **Initial Tightening:** Hand-tighten the nut until it is snug.
6. **Final Tightening:** Use an appropriately sized wrench or socket to tighten the hex nut. Refer to your equipment's service manual for specific torque specifications. If no torque specification is available, tighten until firm, ensuring the components are securely fastened without overtightening, which can damage threads or components.
7. **Post-Installation Check:** After tightening, visually inspect the installation to ensure the nut is seated correctly and the components are stable.



Figure 4: Bottom view of the MTD 712-0241 Hex Nut, showing the opposite side of the threading.

5. OPERATING AND USAGE

The MTD 712-0241 Hex Nut functions as a critical fastener in various mechanical assemblies. Once properly installed, its purpose is to maintain a secure connection between components, resisting loosening due to vibration or operational stresses. It does not require active "operation" in the traditional sense, but its presence is vital for the integrity of the machinery.

6. MAINTENANCE

Regular inspection of fasteners, including the MTD 712-0241 Hex Nut, is part of routine equipment maintenance.

- **Periodic Inspection:** Visually inspect the hex nut and the components it secures for any signs of loosening, corrosion, or damage during routine equipment checks.
- **Tightness Check:** If accessible, periodically check the tightness of the nut. Re-tighten if any looseness is detected,

adhering to original torque specifications if available.

- **Cleaning:** Keep the area around the nut clean from dirt, debris, and excessive grease, which can obscure signs of wear or loosening.
- **Corrosion:** If corrosion is observed, clean the nut and surrounding area. If corrosion is severe or compromises the nut's integrity, replacement is recommended.

7. TROUBLESHOOTING

While a hex nut is a simple component, issues can arise. Here are common problems and their solutions:

- **Nut Loosens Repeatedly:**
 - **Cause:** Vibration, improper initial tightening, or worn threads.
 - **Solution:** Re-tighten to specification. Consider using a thread-locking compound (e.g., Loctite) if appropriate for the application, or replace the nut with a locking nut (e.g., nyloc nut) if the design allows. Inspect the bolt/stud for worn threads and replace if necessary.
- **Nut Cannot Be Tightened (Spins Freely):**
 - **Cause:** Stripped threads on the nut or the mating bolt/stud.
 - **Solution:** Replace both the hex nut and the bolt/stud if either has stripped threads. Ensure correct thread size and pitch for the replacement parts.
- **Nut is Stuck/Cannot Be Removed:**
 - **Cause:** Rust, corrosion, cross-threading, or overtightening.
 - **Solution:** Apply penetrating oil and allow it to soak. Use appropriate tools (e.g., breaker bar, impact wrench) with caution. If severely stuck, consider using a nut splitter or carefully cutting the nut off, taking care not to damage the underlying component.

8. WARRANTY INFORMATION

As an OEM part, the MTD 712-0241 Hex Nut is typically covered under the standard warranty policy for MTD Genuine Parts. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the official MTD Genuine Parts website or contact MTD customer service directly. Keep your purchase receipt as proof of purchase.

9. SUPPORT AND CONTACT

For further assistance, technical support, or to inquire about other genuine MTD parts, please use the following resources:

- **MTD Genuine Parts Store:** [Visit the Official Store on Amazon](#)
- **MTD Official Website:** Refer to the main MTD website for general support and product information.
- **Customer Service:** Contact MTD customer service for direct assistance with parts inquiries or technical questions.

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