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Rough Country 10097

Rough Country 10097 UTV Wheel Adapter Instruction Manual

Model: 10097 | Brand: Rough Country

PRODUCT OVERVIEW

The Rough Country 10097 UTV Wheel Adapter is designed to convert a 4x156mm bolt pattern to a 4x136mm or 4x137mm bolt pattern. This allows for the use of Can-Am wheels on Polaris UTVs. Additionally, these adapters function as 1-inch wheel spacers, providing a wider stance and accommodating wider tires. Constructed from durable 6061-T6 Aluminum, these adapters are corrosion-resistant and built to withstand various environmental conditions.



Image: Two Rough Country 10097 UTV Wheel Adapters, made of silver-colored aluminum, shown with included lug nuts. These adapters facilitate changing wheel bolt patterns and provide wheel spacing.

SETUP AND INSTALLATION

Installation of wheel adapters should ideally be performed by a certified technician. Proper knowledge of installation procedures and post-installation checks is crucial for safety and optimal performance. The adapters are sold in pairs and

include 10mm and 12mm lug nuts for attachment to the UTV. 12mm-1.5 lug nuts are required to attach the wheel to the adapter.

General Installation Steps:

1. Ensure the vehicle is on a stable, level surface and properly supported.
2. Remove the existing wheel from the UTV.
3. Clean the surface of the UTV's hub to ensure proper seating of the adapter.
4. Place the Rough Country 10097 wheel adapter onto the UTV's hub, aligning the bolt patterns.
5. Secure the adapter to the UTV's hub using the provided 10mm or 12mm lug nuts. Torque these nuts to manufacturer specifications.
6. Mount the desired wheel (e.g., Can-Am wheel) onto the newly installed adapter, using 12mm-1.5 lug nuts. Torque these nuts to the wheel manufacturer's specifications.
7. Lower the vehicle and ensure all connections are secure.

Installation Video Reference:

Your browser does not support the video tag.

Video: A general guide demonstrating the installation process of wheel spacers on a vehicle. This video illustrates the steps involved in mounting the spacer to the hub and then attaching the wheel.

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Video: An installation guide for wheel spacers, showing the process of preparing the wheel hub, attaching the spacer, and securing the wheel. This video provides visual instructions for proper setup.

OPERATING CONSIDERATIONS

Once installed, the wheel adapters enable the use of wheels with a 4x136mm or 4x137mm bolt pattern on UTVs originally designed for a 4x156mm pattern. The 1-inch spacing provided by the adapters will result in a wider track width for the vehicle, which can affect handling characteristics and tire clearance. Always ensure adequate clearance between the tires and any vehicle components, especially during full suspension travel and steering lock.



Image: A Rough Country 10097 UTV Wheel Adapter shown installed on a vehicle's wheel hub, ready for a wheel to be mounted. This demonstrates the adapter's appearance when fitted.

MAINTENANCE

Regular maintenance is critical for the safe operation of your UTV with wheel adapters. It is the owner's responsibility to perform the following checks:

- **Initial Check:** After the first 500 miles of driving, check all bolts and nuts for tightness.
- **Routine Checks:** Re-check all bolts and nuts for tightness every 1,000 miles thereafter.
- **Professional Inspection:** At least every 3,000 miles, have a qualified, professional mechanic inspect the wheel alignment, steering system, suspension, and driveline systems.
- Ensure all mating surfaces are properly cleaned before re-torquing to prevent improper seating.

Important Safety Note: Improper usage or installation may cause lug nuts/bolts to break or loosen while driving, potentially leading to accidents or injury. Always torque lug nuts/bolts to manufacturer specifications using a torque wrench. Avoid using impact wrenches for final tightening; a hand wrench is recommended.

TROUBLESHOOTING

If you encounter issues during or after installation, consider the following:

- **Fitment Issues:** If the adapter does not sit flush on the UTV hub, ensure the hub surface is completely clean and free of rust or debris. Some UTV models may require minor modifications (e.g., tapering the middle portion) for a flush fit.
- **Wheel Stud Interference:** If factory wheel studs or lug nuts make contact with the back of the new wheels, this will prevent proper seating. Do not proceed with installation if this occurs. It may be necessary to trim the factory studs if they are too long and interfere with the wheel.
- **Incorrect Lug Nuts:** Ensure you are using the correct lug nuts for both attaching the adapter to the UTV (10mm or 12mm, included) and attaching the wheel to the adapter (12mm-1.5, not included). Incorrect lug nut size or type can lead to improper tightening and safety hazards.
- **Vibrations:** If vibrations occur after installation, re-check all lug nut torques and ensure the wheel spacer sits perfectly flat on the vehicle mounting surface. Any surface contamination can cause vibrations.

SPECIFICATIONS

Feature	Detail
Model Number	10097
Bolt Pattern Conversion	4x156mm to 4x136mm/4x137mm
Spacer Thickness	1 inch
Material	6061-T6 Aluminum
Item Weight	6.8 pounds
Included Lug Nuts (for adapter to UTV)	10mm & 12mm
Required Lug Nuts (for wheel to adapter)	12mm-1.5
Quantity	Sold in pairs (2 wheel spacers)

WARRANTY

The Rough Country 10097 UTV Wheel Adapters are backed by Rough Country's Lifetime Replacement policy. For specific terms and conditions, please refer to the official Rough Country warranty documentation or contact their customer service.

SUPPORT

For further assistance, technical support, or warranty claims, please visit the official Rough Country website or contact their customer service department. Always provide your product model number (10097) when seeking support.

Related Documents - 10097

	<p>Rough Country Polaris Ranger 4 Seater Roof Installation Guide (79214211)</p> <p>Step-by-step installation instructions and hardware details for the Rough Country Polaris 2013-21 Ranger 4 Seater Roof (Model 79214211). Includes kit contents, tools, hardware, and torque specifications.</p>
	<p>Rough Country 2.5" Lift Kit for Polaris 2014-20 RZR XP 1000 Crew Installation Guide</p> <p>Detailed installation instructions for the Rough Country 2.5" Lift Kit (Part Number 93095BAG) for the Polaris 2014-20 RZR XP 1000 Crew UTV. Includes required tools, kit contents, torque specifications, and step-by-step guidance with visual references.</p>
	<p>Rough Country 3" Lift Kit for Polaris Ranger XP 1000 & XP 900 Installation Guide</p> <p>Detailed installation instructions for the Rough Country 3-inch lift kit for 2017-18 Polaris Ranger XP 1000, 2013-20 XP 900, and 2014-20 900 Crew models. Includes kit contents, tools needed, hardware list, torque specifications, and step-by-step front and rear installation procedures with visual aids.</p>
	<p>Rough Country Polaris Ranger XP Half Windshield Installation Guide</p> <p>Comprehensive installation guide for the Rough Country Half Windshield for Polaris 2013-20 Ranger XP, Ranger Crew XP, and Diesel models. Includes kit contents, torque specifications, and step-by-step instructions.</p>

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[Rough Country RCZ4125 Direct-Fit Cab Heater Installation Guide for Polaris RZR](#)

Comprehensive installation instructions for the Rough Country RCZ4125 Direct-Fit Cab Heater with Defrost, designed for Polaris RZR 1000 (2014-2018), RZR 900 (2015-Current), and RZR XP TURBO (2016-2018) models. Includes step-by-step guidance and compatibility information.

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[Rough Country Honda Talon 2019-2024 Rear Cargo Box Installation Guide](#)

Detailed installation instructions and torque specifications for the Rough Country Rear Cargo Box designed for the Honda Talon 2019-2024 models. Includes kit contents, tools needed, and step-by-step guidance.