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› Rough Country PRO12000S Series 12,000 lb. Winch and Hidden Mount System for Toyota Tacoma 4WD (2024) - Instruction Manual

Rough Country 72013

Rough Country PRO12000S Series 12,000 lb. Winch and Hidden Mount System for Toyota Tacoma 4WD (2024)

Model: 72013

INTRODUCTION

This manual provides comprehensive instructions for the safe and proper installation, operation, and maintenance of your Rough Country PRO12000S Series 12,000 lb. Winch and Hidden Mount System. This system is specifically designed for the 2024 Toyota Tacoma 4WD, offering a robust recovery solution with discreet integration and enhanced undercarriage protection.

The PRO12000S winch features a 6hp motor, 50-ft synthetic rope, and a clevis hook, providing a 12,000 lb line pull capacity. It is IP67 waterproof and dustproof, ensuring reliability in various conditions. The hidden mount kit is constructed from high-strength 7-gauge steel for the winch tray and mounts, and 11-gauge steel for the skid plates, designed for durability and a seamless appearance.

IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings and instructions before installing or operating the winch system. Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment, including gloves and eye protection, when handling the winch and its components.
- Ensure the vehicle is on a stable, level surface with the parking brake engaged before beginning installation or operation.
- Never exceed the rated line pull capacity of the winch (12,000 lbs).
- Keep hands and clothing clear of the winch rope, fairlead, and drum during operation.
- Inspect the winch rope, hook, and mounting hardware for damage before each use. Do not use if damaged.
- Avoid prolonged winching under heavy loads, as this can cause the motor to overheat. Allow the winch to cool down between pulls.
- Never disconnect the winch power cable while the winch is under load.
- Always use a tree saver strap or similar anchor point protector when winching from a tree.
- Keep bystanders at a safe distance during winching operations.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 12000LB Electric Winch (PRO12000S Series)
- 1/2 inch x 50 ft Synthetic Rope
- Hawse Fairlead
- Clevis Hook
- Mounting Plate (Hidden Winch Mount System components)
- Differential Skid Plate
- All necessary hardware (bolts, washers, nuts)



Figure 1: All components included in the Rough Country PRO12000S Winch and Hidden Mount System package. This image displays the 12,000 lb winch, synthetic rope, hawse fairlead, clevis hook, various mounting brackets, skid plates, and associated hardware.

SETUP AND INSTALLATION

The Rough Country Hidden Winch Mount System features a bolt-on structural design for straightforward installation. While designed for ease of installation, professional installation is recommended for optimal safety and performance. Refer to the detailed instructions provided with the physical product for step-by-step guidance.

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and disconnect the negative terminal of the battery.
2. **Bumper Removal:** Carefully remove the front bumper and any associated components as required to access the frame.
3. **Mounting System Installation:** Install the 7-gauge steel winch tray and mounting brackets onto the vehicle frame. The bumper wing supports are designed to mount to the factory intrusion bars. Ensure all hardware is securely fastened according to torque specifications.
4. **Winch Installation:** Mount the PRO12000S winch onto the installed winch tray. Connect the winch power cables to the vehicle's battery, ensuring proper polarity and secure connections.
5. **Skid Plate Installation:** Install the 11-gauge steel skid plates, including the differential skid plate, to provide additional undercarriage protection.

6. **Reassembly:** Reinstall the front bumper and any other components removed during the process. Ensure the hawse fairlead is properly positioned through the bumper opening.
7. **Final Checks:** Reconnect the battery. Test the winch for proper operation (see Operating Instructions).



Figure 2: The Rough Country Hidden Winch Mount system and PRO12000S winch installed directly onto the Toyota Tacoma frame, prior to bumper reinstallation. This view highlights the robust steel construction and integration points.



Figure 3: An alternative view of the Rough Country Hidden Winch Mount and winch installed on the vehicle chassis, showcasing the secure attachment and the differential skid plate in place.



Figure 4: Undercarriage view of the installed Rough Country Hidden Winch Mount and the additional skid plate, demonstrating the

OPERATING INSTRUCTIONS

The PRO12000S winch is designed for reliable vehicle recovery. Always prioritize safety during operation.

1. **Assess the Situation:** Evaluate the recovery scenario, including the weight of the vehicle, the terrain, and available anchor points.
2. **Prepare the Winch:** Unspool enough synthetic rope to reach a suitable anchor point. Ensure the rope is not kinked or twisted.
3. **Secure Anchor Point:** Attach the clevis hook to a secure anchor point (e.g., another vehicle, a tree protector strap around a tree, or a rock anchor). Ensure the anchor point is capable of withstanding the pulling force.
4. **Engage Winch:** Engage the winch clutch.
5. **Begin Winching:** Using the remote control, slowly begin winching. Maintain tension on the rope and observe the winching process carefully. Ensure the rope spools evenly onto the drum.
6. **Monitor Vehicle:** Keep an eye on the recovered vehicle and the winch itself for any signs of stress or malfunction.
7. **Disengage and Respool:** Once the recovery is complete, disengage the clutch and carefully respool the synthetic rope under light tension to ensure even layering. Secure the clevis hook.



Figure 5: A close-up view of the hawse fairlead and clevis hook integrated into the front bumper, demonstrating the discreet and functional design of the hidden winch system.



Figure 6: Another perspective of the hawse fairlead and clevis hook, highlighting the robust connection point for recovery operations.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your winch system.

- **Rope Inspection:** Regularly inspect the synthetic rope for fraying, cuts, or other damage. Replace the rope if significant damage is observed.
- **Hardware Check:** Periodically check all mounting bolts and connections for tightness. Retorque as necessary.
- **Cleaning:** Keep the winch and fairlead clean from dirt, mud, and debris. Rinse with fresh water after use in harsh conditions.
- **Electrical Connections:** Inspect electrical connections for corrosion or damage. Ensure they are clean and secure.
- **Lubrication:** Refer to the winch manufacturer's guidelines for any specific lubrication requirements for internal components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Winch does not operate	No power, loose electrical connections, remote control issue, circuit breaker tripped.	Check battery connections, ensure remote is functioning, inspect circuit breaker/fuse, verify winch is engaged.
Winch operates slowly or weakly	Low battery voltage, excessive load, motor overheating.	Charge vehicle battery, reduce load, allow winch motor to cool, check for proper cable gauge.
Rope spools unevenly	Insufficient tension during respooling, damaged fairlead.	Respool rope under light tension, inspect fairlead for damage and replace if necessary.

Problem	Possible Cause	Solution
Winch makes unusual noises	Internal mechanical issue, foreign object.	Discontinue use immediately. Contact Rough Country customer support for assistance.

SPECIFICATIONS

- **Model:** PRO12000S Series Winch with Hidden Winch Mount
- **Part Number:** 72013
- **Brand:** Rough Country
- **Winch Capacity:** 12,000 lbs
- **Motor:** 6 HP
- **Rope Type:** Synthetic, 1/2 inch x 50 ft
- **Waterproof Rating:** IP67
- **Mount Material:** 7-gauge steel (winch tray/mounts), 11-gauge steel (skid plates)
- **Finish:** Flat Black Powder Coat
- **Compatibility:** Toyota Tacoma 4WD (2024)
- **Item Weight:** Approximately 51 pounds
- **Package Dimensions:** Approximately 37 x 15 x 14 inches

WARRANTY AND SUPPORT

The Rough Country Hidden Winch Mount System is backed by Rough Country's Lifetime Warranty. The PRO12000S Series Winch includes a 3-year warranty.

For technical assistance, warranty claims, or replacement parts, please contact Rough Country Customer Support. Refer to the official Rough Country website or your purchase documentation for current contact information.

You can also visit the [Rough Country Store on Amazon](#) for more product information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

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Example: How do I reset this device or fix this error?

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