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## Platinum Tools 99653

# Platinum Tools XL Ratcheting Wrench Instruction Manual

MODEL: 99653

Brand: Platinum Tools

## INTRODUCTION

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Thank you for choosing the Platinum Tools XL Ratcheting Wrench. This manual provides essential information for the proper use, maintenance, and care of your new tool. Designed for versatility and durability, this wrench features a patented spherical spline design that adapts to various fastener types, making it an indispensable addition to your toolkit.



This image displays a close-up of the Platinum Tools XL Ratcheting Wrench. It highlights the polished chrome finish and the unique spherical spline design of the box end, which allows it to work with multiple fastener types.

### Key Features:

- **Patented Spherical Spline Design:** Works on 6 different fastener types: Spline, 6-point, 12-point, Star, Square, and 50% rounded off heads.
- **Offset Box End Gear:** Provides more surface contact and access to recessed fasteners.
- **72-Tooth Ratcheting System:** Ensures high torque capability.

- **5° Swing Arc:** Allows for operation in tight and confined areas.
- **Durable Construction:** Made from Chrome Vanadium Steel with a polished chrome finish.

## SETUP

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The Platinum Tools XL Ratcheting Wrench is ready for use directly out of its packaging. No assembly is required. Before first use, inspect the wrench for any signs of damage that may have occurred during shipping.

### Initial Inspection:

- Verify that the wrench is clean and free of debris.
- Check the ratcheting mechanism for smooth operation in both directions.
- Ensure the flexible head pivots smoothly and holds its position securely.

## OPERATING INSTRUCTIONS

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The XL Ratcheting Wrench is designed for efficient and effective fastening and loosening of various bolt and nut types.

### General Use:

1. **Select Correct Size:** Identify the appropriate size (21mm or 22mm for this model) that matches your fastener.
2. **Position the Wrench:** Place the box end of the wrench over the fastener head. The spherical spline design allows for a secure grip on multiple fastener types, including partially rounded heads.
3. **Engage Ratcheting Mechanism:** Apply pressure to the wrench handle. The 72-tooth ratcheting system will engage, allowing you to turn the fastener with minimal swing arc (5°).
4. **Change Direction:** To change the ratcheting direction (tighten or loosen), flip the wrench over. The wrench is designed to ratchet in one direction and apply torque in the other, depending on which side is facing up.
5. **Utilize Flexible Head:** For fasteners in tight or awkward spaces, adjust the angle of the flexible head to gain better access and leverage.
6. **Apply Torque:** Apply steady, firm pressure to the handle. Avoid using extension pipes or striking the wrench with a hammer, as this can damage the tool or fastener.

*Note: Always wear appropriate safety gear, such as safety glasses, when using hand tools.*

## MAINTENANCE

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Proper maintenance will extend the life and performance of your Platinum Tools XL Ratcheting Wrench.

### Cleaning and Storage:

- After each use, wipe the wrench clean with a dry cloth to remove dirt, grease, and debris.
- For stubborn grime, use a mild degreaser and then wipe dry immediately.
- Do not use abrasive cleaners or solvents that could damage the polished chrome finish.
- Store the wrench in a dry environment to prevent rust. A tool roll or drawer is ideal.
- Periodically apply a light coat of machine oil to the ratcheting mechanism and flexible head pivot point to ensure smooth operation. Wipe off any excess oil.

## TROUBLESHOOTING

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If you encounter issues with your XL Ratcheting Wrench, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Ratcheting mechanism feels stiff or sticky.	Accumulation of dirt/grime; lack of lubrication.	Clean the mechanism thoroughly and apply a light machine oil.
Wrench slips on fastener head.	Incorrect size selected; fastener head is severely rounded; improper engagement.	Ensure correct wrench size. Fully seat the wrench on the fastener. If fastener is too damaged, consider a specialized extraction tool.
Flexible head does not hold position.	Wear or damage to the pivot mechanism.	Inspect the pivot. If damaged, contact customer support for repair or replacement options.

## SPECIFICATIONS

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<b>Model Number</b>	99653
<b>Sizes Included</b>	21mm x 22mm
<b>Length</b>	19.2 inches (approx. 22 inches as per some specifications)
<b>Weight</b>	1.6 pounds
<b>Material</b>	Chrome Vanadium Steel
<b>Finish</b>	Polished Chrome
<b>Ratcheting System</b>	72-Tooth
<b>Swing Arc</b>	5°
<b>Fastener Compatibility</b>	Spline, 6-point, 12-point, Star, Square, 50% rounded off heads

## WARRANTY INFORMATION

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Platinum Tools products are manufactured to high-quality standards. For specific warranty details regarding your XL Ratcheting Wrench, please refer to the warranty card included with your purchase or visit the official Platinum Tools website. General warranties typically cover defects in material and workmanship under normal use.

Extended protection plans may also be available for purchase, offering additional coverage beyond the standard manufacturer's warranty. Please check with your retailer for options such as 3-Year or 4-Year Protection Plans.

## CUSTOMER SUPPORT

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If you have any questions, require technical assistance, or need to report an issue with your Platinum Tools XL Ratcheting Wrench, please contact Platinum Tools customer support through their official website or the contact information provided with your product packaging.

For the most up-to-date support resources, FAQs, and contact details, please visit [www.platinumtools.com](http://www.platinumtools.com) (example link, please refer to actual manufacturer website).

