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### Observer Tools 860005117635

# Observer Tools Dual Flex Drive Ratchet Instruction Manual

Model: 860005117635

## PRODUCT OVERVIEW

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The Observer Tools Dual Flex Drive Ratchet is a versatile and durable tool designed for various applications, offering exceptional maneuverability and ease of use. Its unique double flex head and multi-position handle allow access to fasteners in hard-to-reach spaces.



Figure 1: Observer Tools Dual Flex Drive Ratchet showcasing its flexible head and handle positions.

## Key Features:

- **Versatile Design:** Double flex head and multi-position handle for accessing tough fasteners from virtually any angle.
- **Compact and Comfortable:** Small size for tight spaces with a curved body for a secure grip.
- **Easy-To-Use:** Quick-release button for seamless socket changes.
- **Efficient Maneuvering:** 72-tooth gear with over 5-degrees precision swing.
- **Professional-Grade Durability:** Constructed from vanadium chromium steel, heat-treated for strength, impact, and rust resistance.

## SETUP AND ASSEMBLY

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The Dual Flex Drive Ratchet is designed for quick and easy setup. It is compatible with standard 1/4" drive sockets (sockets not included).

### Attaching Sockets:

1. Select the appropriate 1/4" drive socket for your task.
2. Align the square drive of the socket with the square drive on the ratchet head.
3. Press the quick-release button located on the back of the ratchet head.
4. Firmly push the socket onto the drive until it clicks into place. Release the button to secure the socket.

**OBSERVER**  
TOOLS

**01** Pivoting Handle

**02** Rotating Head

**03** Standard 1/4" Drive



**OBS-SR14**

Quick Release  
Button

Figure 2: Detailed view of the quick release button and standard 1/4" drive for socket attachment.

## OPERATING INSTRUCTIONS

The Dual Flex Drive Ratchet offers multiple configurations for optimal performance in various situations.

### Adjusting the Handle and Head:

- **Pivoting Handle:** The handle can pivot to different angles, allowing you to create a T-handle configuration for increased leverage or to navigate around obstacles. Simply rotate the handle to your desired position.
- **Rotating Head:** The ratchet head rotates, providing flexibility to reach fasteners from various angles, especially in confined spaces.
- **Reversible Mechanism:** Use the small dial on the ratchet head to switch between tightening (clockwise) and loosening (counter-clockwise) modes.

# OBS-SR14



## VERSATILE & COMPACT

Multi-faceted ratchet  
adapts to any situation

Figure 3: The ratchet configured for compact use and extended reach, demonstrating its versatility.



Our Lifetime Craftsmanship Warranty is one of the best hand tool warranties on the market



## EASY TO USE

Forward/reverse dial allows for an easy change of direction.

Figure 4: The quick-release button for effortless socket changes.

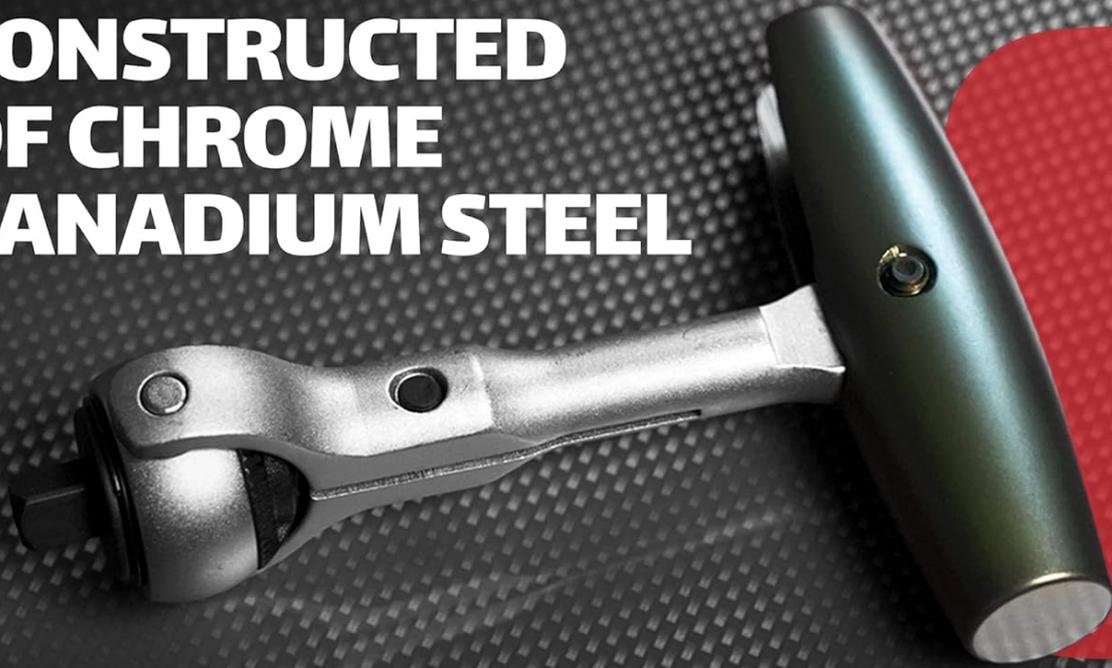
### MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and optimal performance of your Observer Tools Dual Flex Drive Ratchet.

- **Cleaning:** After each use, wipe down the ratchet with a clean, dry cloth to remove dirt, grease, and debris.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts of the ratchet head and handle pivot points to ensure smooth operation.
- **Storage:** Store the ratchet in a dry environment to prevent rust. Its compact design allows for easy storage in toolboxes or drawers.
- **Rust Resistance:** The ratchet is designed with lifetime rust resistance, but proper care will further extend its lifespan.

**CONSTRUCTED  
OF CHROME  
VANADIUM STEEL**



## **OBS-SR14**

**5.2"**  
Length

**1.2"**  
Ratchet  
Diameter

**1.2"**  
Handle  
Diameter

**5.9oz**  
Weight

Figure 5: The ratchet's construction from durable Chrome Vanadium Steel ensures long-lasting performance.

### **TROUBLESHOOTING**

If you encounter any issues with your Dual Flex Drive Ratchet, please refer to the following common solutions:

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Socket not attaching securely.	Quick-release button not fully depressed or debris in the drive.	Ensure the quick-release button is fully pressed. Clean any debris from the square drive.
Ratchet mechanism feels stiff.	Lack of lubrication or accumulation of dirt.	Clean the ratchet head thoroughly and apply light machine oil to the internal mechanism.
Handle pivot is stiff.	Dirt or lack of lubrication at the pivot point.	Clean the handle pivot and apply light machine oil.

If the issue persists, please contact Observer Tools customer service for assistance.

## SPECIFICATIONS

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Feature	Detail
Brand	Observer Tools
Model Number	860005117635
Drive Size	1/4" Drive (also available in 3/8" Drive)
Teeth Count	72 Teeth
Precision Swing	>5-degrees
Material	Chrome Vanadium Steel
Item Length	4.9 Inches
Item Weight	6.1 Ounces
Head Style	Flex
Finish Type	Painted
Item Torque	59 Foot Pounds
Country of Origin	China

## WARRANTY AND SUPPORT

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Observer Tools stands behind the quality and craftsmanship of its products.

### Lifetime Craftsmanship Warranty:

This Dual Flex Drive Ratchet is backed by Observer Tools' Lifetime Craftsmanship Warranty. This warranty covers defects in materials and workmanship for the lifetime of the product. For warranty claims or product issues, please contact Observer Tools directly.

### Customer Service:

For any questions, support, or assistance with your Observer Tools product, please visit the official Observer Tools store on Amazon or contact their customer service team. They are dedicated to providing best-in-class customer service.

Note: No official product videos from the seller were available for inclusion in this manual.