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› [SHIMANO](#) /

› [Shimano XT M780 Right Hand Shifter Base Cap and Bolt Instruction Manual](#)

## SHIMANO Y6UU98090

# Shimano XT M780 Right Hand Shifter Base Cap and Bolt Instruction Manual

[Introduction](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

## 1. INTRODUCTION

This manual provides detailed instructions for the installation and maintenance of the Shimano XT M780 Right Hand Shifter Base Cap and Bolt. This component is an essential part of the Shimano XT M780 mountain bike shifter system, designed to secure the shifter mechanism and protect internal components. Proper installation ensures optimal shifter performance and longevity.

## 2. SETUP AND INSTALLATION

The Shimano XT M780 Right Hand Shifter Base Cap and Bolt are designed for straightforward installation. Ensure you have the correct tools, typically a Phillips head screwdriver, before beginning.

### 2.1 Components Overview

The package includes one base cap and one bolt. The base cap covers the shifter mechanism, while the bolt secures it to the shifter body.



Image 1: Shimano XT M780 Right Hand Shifter Base Cap and Bolt. This image displays the black plastic base cap with the Shimano XT and Dyna-Sys logos, and the securing bolt visible at the top.

## 2.2 Installation Steps

- 1. Prepare the Shifter:** Ensure the shifter body is clean and free of debris. If replacing an old cap, carefully remove the existing cap and bolt.
- 2. Position the Base Cap:** Align the new base cap over the right-hand shifter mechanism. The cap should fit snugly into the designated grooves on the shifter body.
- 3. Insert the Bolt:** Place the provided bolt into the screw hole on the base cap.
- 4. Secure the Cap:** Using a Phillips head screwdriver, gently tighten the bolt. Do not overtighten, as this can strip the threads or crack the plastic cap. Tighten until the cap is secure and does not wobble.
- 5. Verify Installation:** Lightly attempt to move the cap to ensure it is firmly attached. Test the shifter's function to confirm smooth operation.

## 3. OPERATION

The base cap and bolt do not have an active operational function; rather, they serve a protective and structural role. Once installed, the base cap protects the internal shifting mechanisms from dirt, moisture, and impact, while the bolt ensures the cap remains securely in place during cycling. This contributes to the

reliable and consistent operation of your Shimano XT M780 right-hand shifter.

## 4. MAINTENANCE

Regular maintenance of your shifter components, including the base cap and bolt, will extend their lifespan and ensure optimal performance.

- **Cleaning:** Periodically clean the exterior of the base cap with a damp cloth to remove dirt and grime. Avoid using harsh chemicals that could damage the plastic.
- **Inspection:** Regularly inspect the base cap for cracks, damage, or signs of wear. Check the bolt for tightness; if it feels loose, gently tighten it with a Phillips head screwdriver.
- **Replacement:** If the base cap or bolt becomes damaged or lost, replace it promptly with a genuine Shimano part to maintain the integrity of your shifter system.

## 5. TROUBLESHOOTING

This section addresses common issues related to the base cap and bolt.

Problem	Possible Cause	Solution
Base cap is loose or rattling.	Bolt is not tightened sufficiently.	Gently tighten the securing bolt with a Phillips head screwdriver. Do not overtighten.
Base cap is cracked or broken.	Impact damage or material fatigue.	Replace the damaged base cap with a new Shimano XT M780 Right Hand Shifter Base Cap.
Bolt is stripped or missing.	Overtightening or loss during maintenance.	Replace the bolt with a genuine Shimano replacement bolt. Ensure correct thread engagement when installing.

## 6. SPECIFICATIONS

Key specifications for the Shimano XT M780 Right Hand Shifter Base Cap and Bolt (Model: Y6UU98090).

- **Brand:** SHIMANO
- **Model Number:** Y6UU98090
- **Color:** Black
- **Exterior Finish:** Aluminum (for the bolt, cap is plastic)
- **Included Components:** Base Cap, Bolt
- **Item Weight:** Approximately 22.68 g (0.05 lbs)
- **Hand Orientation:** Right
- **Unit Count:** 1 Count
- **UPC:** 689228950160, 744288053111
- **Item Dimensions (LxWxH):** 1.25 x 1.25 x 0.5 inches
- **Special Feature:** Easy to Install

## 7. WARRANTY AND SUPPORT

For specific warranty information regarding your Shimano product, please refer to the official Shimano warranty policy provided with your original purchase or visit the official Shimano website. For technical support or replacement parts, contact an authorized Shimano dealer or service center.

**Shimano Official Website:** [bike.shimano.com](http://bike.shimano.com)

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