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> [Intermatic 146MT574 Timer Knob for FD Series Spring Wound Timers - Instruction Manual](#)

## Intermatic 146MT574

# Intermatic 146MT574 Timer Knob for FD Series Spring Wound Timers - Instruction Manual

Model: 146MT574



## INTRODUCTION

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This document provides comprehensive instructions for the Intermatic 146MT574 white replacement knob. This knob is specifically designed for use with Intermatic FD series decorator spring wound auto-off timers, which control various loads such as fans, lights, motors, and heaters. It serves as a direct replacement for older models like 145MT494A, 146MT574A, and 146MT494A.

The Intermatic 146MT574 knob features a press-on design for quick and easy installation onto a 3/16-inch D-shape shaft. Its snug-fit design, incorporating four raised ribs, ensures a secure attachment.

## INSTALLATION

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The Intermatic 146MT574 timer knob is designed for straightforward installation. Follow these steps to replace or install the knob:

- 1. Identify the Timer Shaft:** Ensure your timer has a 3/16-inch D-shape shaft. This knob is compatible only with this specific shaft type.
- 2. Align the Knob:** Carefully align the D-shaped opening on the back of the new 146MT574 knob with the D-shape shaft of the timer.
- 3. Press On:** Gently but firmly press the knob onto the shaft until it is fully seated. The snug-fit design with internal ribs will create a secure connection. Avoid excessive force to prevent damage to the knob or the timer shaft.
- 4. Test Functionality:** Once installed, rotate the knob to ensure it turns smoothly and engages with the timer mechanism correctly.

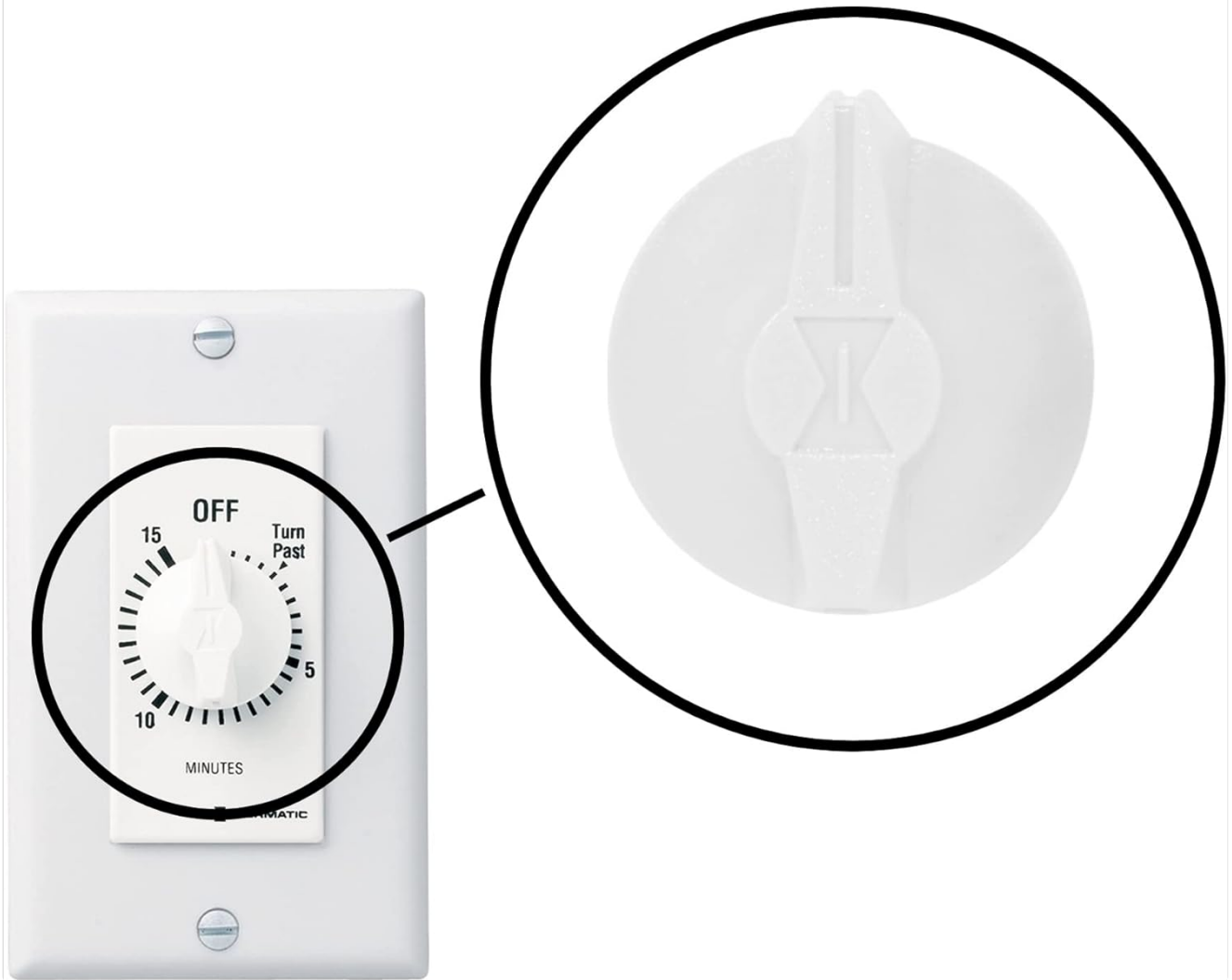


Image: The Intermatic 146MT574 timer knob shown installed on a compatible FD series spring wound timer, demonstrating its appearance and fit.



Intermatic #146--00046  
(Previously 146MT574)

## FRONT VIEW



## BACK VIEW

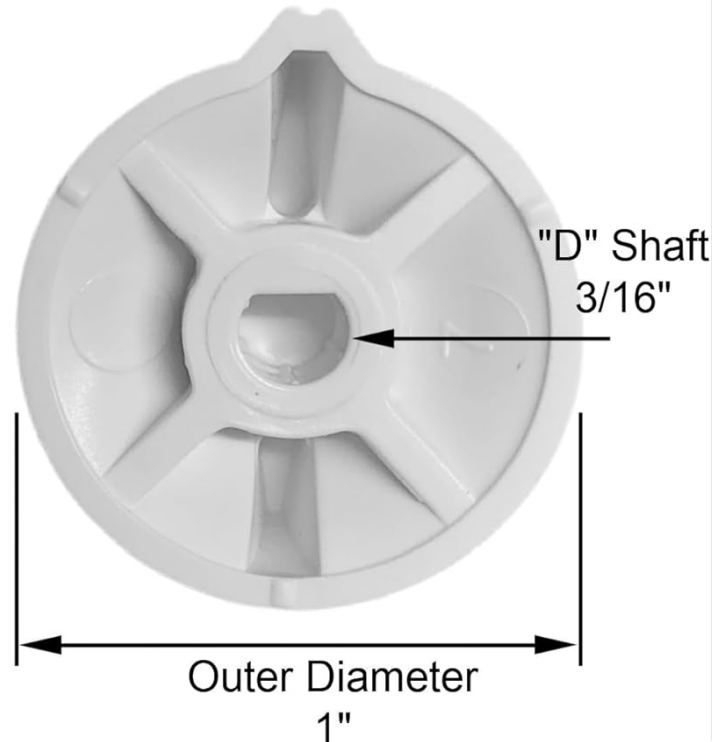


Image: Detailed front and back views of the Intermatic 146MT574 knob, highlighting the 1-inch outer diameter and the 3/16-inch D-shape shaft opening for proper installation.

## OPERATION

The 146MT574 knob functions as the interface for setting your Intermatic FD series spring wound timer. To operate the timer:

- **Setting the Timer:** Rotate the knob clockwise to the desired time setting (e.g., 15 minutes, 30 minutes). The timer will begin to count down automatically.
- **Automatic Shut-off:** Once the set time has elapsed, the timer will automatically turn off the connected load.
- **Manual Override (if applicable):** Some FD series timers may have a "Hold" feature. Refer to your specific timer's manual for details on manual override functions.

**Caution: Avoid twisting the knob with excessive force, especially when reaching the end of its rotation range, as this can cause damage to the knob or the timer mechanism.**

## MAINTENANCE

The Intermatic 146MT574 timer knob requires minimal maintenance to ensure its longevity and proper function.

- **Cleaning:** Wipe the knob periodically with a soft, damp cloth to remove dust and grime. Avoid using harsh

chemical cleaners, which may damage the plastic finish.

- **Inspection:** Periodically inspect the knob for any signs of cracks or damage. If the knob becomes loose or damaged, replace it promptly to maintain proper timer operation and prevent further issues.
- **Proper Use:** Always turn the knob gently. Applying excessive force, particularly when turning it to its maximum or minimum settings, can stress the plastic and lead to premature cracking or breakage.

## TROUBLESHOOTING

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If you encounter issues with your Intermatic 146MT574 timer knob, consider the following:

- **Knob Does Not Fit:**
  - Verify that your timer has a 3/16-inch D-shape shaft. This knob is designed specifically for this size.
  - Ensure the D-shaped opening on the knob is correctly aligned with the shaft.
  - If the shaft is not D-shaped or is a different size, this knob is not compatible.
- **Knob Feels Loose:**
  - Re-press the knob firmly onto the shaft to ensure it is fully seated.
  - If the knob continues to feel loose, the internal ribs or the shaft may be worn. Consider replacing the knob.
- **Knob is Cracked or Broken:**
  - This typically occurs due to excessive force during operation. The knob is a replacement part and should be replaced if damaged.

For further assistance, refer to the instruction manual for your specific Intermatic FD series timer or contact Intermatic customer support.

## SPECIFICATIONS

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Feature	Detail
Model Number	146MT574
Brand	Intermatic
Color	White
Material	Plastic
Product Dimensions	1"D x 1"W x 0.5"H (Approximate)
Outer Diameter	1 inch
Shaft Compatibility	3/16 inch D-shape shaft
Item Weight	0.16 ounces (4.54 g)
UPC	735343319396, 793842094503, 078275600850
Compatibility	Intermatic FD Series Spring Wound Timers

# FD Series



White Models	Ivory Models	Almond Models	Time Cycle	Switch	Hold
FD5MW	FD5M	-	5 Minutes	SPST	No
FD15MWC	FD15MC	FD15MAC	15 Minutes	SPST	No
FD15MHW	FD15MH	-	15 Minutes	SPST	Yes
FD30MWC	FD30MC	FD30MAC	30 Minutes	SPST	No
FD30MHW	FD30MH	-	30 Minutes	SPST	Yes
FD60MWC	FD60MC	FD60MAC	60 Minutes	SPST	No
FD60MHW	FD60MH	-	60 Minutes	SPST	Yes
FD2HW	FD2H	-	2 Hours	SPST	No
FD4HW	FD4H	-	4 Hours	SPST	No
FD6HW	FD6H	-	6 Hours	SPST	No
FD6HHW	FD6HH	-	6 Hours	SPST	Yes
FD12HWC	FD12HC	-	12 Hours	SPST	No
FD12HHW	FD12HH	-	12 Hours	SPST	Yes
FD32HW	FD32H	-	2 Hours	SPDT	No
FD34HW	FD34H	-	4 Hours	SPDT	No
-	FD36H	-	6 Hours	SPDT	No
-	FD415M	-	15 Minutes	DPST	No
FD430MW	FD430M	-	30 Minutes	DPST	No
FD460MW	FD460M	-	60 Minutes	DPST	No
FD46HW	FD46H	-	6 Hours	DPST	No

## Specification

The time switch shall be of the appropriate dimensions and design to provide direct replacement of a standard wall switch in single or multi-gang 2 1/2" deep junction boxes. The timer shall include a molded \_\_\_\_\_ (Almond)(Ivory) (White) knob and plate with a spiral time scale to provide easy selection of the time setting. The molded plate (time dial) and knob shall be the standard industry accepted \_\_\_\_\_ (Almond)(Ivory)(White) and shall provide for installation using a standard toggle or standard decorator wall switch plate without modifications. The knob shall be a press on type requiring no screws or other hardware to secure. The threaded hole for plate mounting shall be extruded to provide a minimum of .085" thread engagement. Switch Rating (Each Pole for DPST Models).

The timer shall have a UL listed rating of:

- 1 HP at 125 VAC, 50/60 Hz
- 2 HP at 250 VAC, 50/60 Hz
- 20 Amp, 120 VAC, 50/60 Hz
- 10 Amp, 250 VAC, 50/60 Hz
- 10 Amp, 277 VAC, 50/60 Hz
- 7 Amp, 125 VAC

The timer field wiring connections shall be secured by means of a teeter-type terminal screw to provide secure connections for appropriate wire sizes. The timer shall be \_\_\_\_\_ (SPST)(DPST)(SPDT). The timer \_\_\_\_\_ (Shall)(Shall Not) have a Hold feature and shall have a time cycle of \_\_\_\_\_ (See Time Cycles Listed). The timer shall be Intermatic model \_\_\_\_\_ (See Model Numbers Listed).

Image: A table detailing various Intermatic FD Series timer models, including their time cycles, switch types, and "Hold" functionality. This helps confirm compatibility with the 146MT574 knob.

## WARRANTY AND SUPPORT

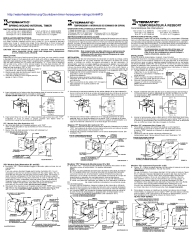

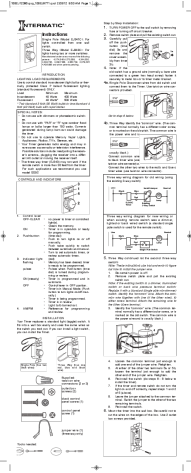
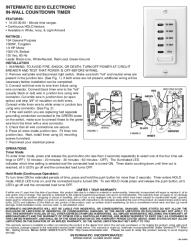

Specific warranty information for the Intermatic 146MT574 timer knob is typically provided with the original product packaging or can be found on the official Intermatic website. As a replacement part, its warranty may be subject to the terms and conditions of the original timer or the replacement part itself.

For technical support, product inquiries, or to obtain detailed warranty information, please visit the official Intermatic

website or contact their customer service department directly. Contact information can usually be found on the Intermatic website or on the packaging of your Intermatic timer.

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For more information, visit [www.intermatic.com](http://www.intermatic.com)

## Related Documents - 146MT574

	<p><a href="#">Intermatic Spring Wound Interval Timer Installation and Operation Guide</a></p> <p>Detailed installation, operation, and application guide for Intermatic spring wound interval timers (FF and FD models). Includes switch ratings, wiring diagrams, and warranty information.</p>
	<p><a href="#">Intermatic ST01 Series Digital In-Wall Timers - Specifications and Features</a></p> <p>Detailed specifications, features, ratings, and installation diagrams for the Intermatic ST01 Series Digital In-Wall Timers. Easy-to-program timers with astronomic features for sunrise and sunset switching.</p>
	<p><a href="#">Intermatic EJ341C/EJ343C Lighting Timer Switch Installation and Programming Guide</a></p> <p>Detailed instructions for installing and programming Intermatic EJ341C (Single Pole) and EJ343C (Three Way) lighting timer switches. Covers setup, controls, programming methods, troubleshooting, and specifications.</p>
	<p><a href="#">Intermatic EI210 Electronic In-Wall Countdown Timer - Installation &amp; Operation Guide</a></p> <p>Comprehensive guide for the Intermatic EI210 electronic in-wall countdown timer, detailing features, installation steps, operation modes (Timer and Hold), and warranty information. Includes technical specifications and contact details for Intermatic Incorporated.</p>
	<p><a href="#">Intermatic TN311 Timer User Manual and Warranty</a></p> <p>User guide and one-year limited warranty information for the Intermatic TN311 heavy-duty grounded outlet timer. Learn how to set the program, time of day, and automatic override.</p>

