

Emtek Wilshire 8579 Single Sided Deadbolt

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Instruction Manual

Model: Wilshire 8579 | Brand: Emtek

1. INTRODUCTION

Thank you for choosing the Emtek Wilshire 8579 Single Sided Deadbolt. This deadbolt is designed to provide enhanced security for your doors with its key lock mechanism and antique-style aesthetic. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your deadbolt.

2. SAFETY INFORMATION

- Always wear appropriate safety gear, such as gloves and eye protection, during installation.
- Ensure all components are handled carefully to prevent damage or injury.
- Do not use power tools on settings that could overtighten screws or damage the door or deadbolt components.
- Keep small parts away from children to prevent choking hazards.
- If you are unsure about any step of the installation process, consult a qualified locksmith or professional installer.

3. PACKAGE CONTENTS

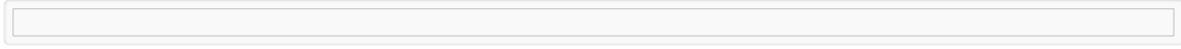
Verify that all parts are present before beginning installation:

- Exterior Key Cylinder Assembly (with square escutcheon)
- Interior Thumb Turn Assembly (with square escutcheon)
- Deadbolt Latch Mechanism
- Strike Plate
- Reinforcement Plate (for strike plate)
- Mounting Screws (various sizes)
- Keys (typically 2)

4. SETUP AND INSTALLATION

This section outlines the steps for installing your Emtek Wilshire 8579 Single Sided Deadbolt. Ensure your door is prepared with the necessary bore holes (typically 2-1/8 inch for the main body and 1 inch for the latch).

4.1 Identify Components



This image displays the two main components of the Emtek Wilshire 8579 Single Sided Deadbolt. On the left is the exterior key cylinder with a square escutcheon plate. On the right is the interior thumb turn mechanism, also with a square escutcheon plate, which allows for manual locking and unlocking from the inside.

4.2 Install the Latch Mechanism

1. Insert the deadbolt latch mechanism into the 1-inch bore hole on the edge of the door. Ensure the word "TOP" (if present) is facing upwards.
2. Secure the latch mechanism with the two small screws provided.

4.3 Install the Exterior Key Cylinder

1. Insert the exterior key cylinder assembly into the 2-1/8 inch bore hole from the outside of the door.
2. Ensure the tailpiece (the small metal bar extending from the back of the cylinder) passes through the slot in the latch mechanism.

4.4 Install the Interior Thumb Turn Assembly

1. From the inside of the door, align the interior thumb turn assembly with the exterior cylinder.
2. Ensure the tailpiece from the exterior cylinder engages correctly with the thumb turn mechanism.
3. Secure both assemblies together using the long mounting screws provided. Tighten screws evenly until snug, but do not overtighten.

4.5 Install the Strike Plate

1. Close the door and mark the center of the deadbolt latch on the door frame.
2. Chisel out a recess for the strike plate and reinforcement plate so they sit flush with the door frame.
3. Drill a 1-inch hole approximately 1 inch deep for the deadbolt to extend into.
4. Install the reinforcement plate, then the strike plate, securing them with the longer screws provided.

4.6 Test Operation

With the door open, test the deadbolt by turning the thumb turn and using the key from the exterior. Ensure the bolt extends and retracts smoothly without binding. Close the door and test again to ensure proper alignment with the strike plate.

5. OPERATING INSTRUCTIONS

5.1 Locking the Deadbolt

- **From the Exterior:** Insert the key into the keyway and turn it clockwise until the deadbolt fully extends into the door frame. Remove the key.
- **From the Interior:** Turn the thumb turn clockwise until the deadbolt fully extends into the door frame.

5.2 Unlocking the Deadbolt

- **From the Exterior:** Insert the key into the keyway and turn it counter-clockwise until the deadbolt fully retracts. Remove the key.
- **From the Interior:** Turn the thumb turn counter-clockwise until the deadbolt fully retracts.

6. MAINTENANCE

- **Cleaning:** Clean the deadbolt's exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals, as these can damage the finish.
- **Lubrication:** Periodically apply a small amount of graphite lubricant or a silicone-based spray lubricant into the keyway and the latch mechanism to ensure smooth operation. Do not use oil-based lubricants, as they can attract dust and grime.
- **Tightening:** Check mounting screws periodically and tighten if necessary to prevent loosening over time.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Deadbolt is stiff or hard to turn.	Lack of lubrication; misalignment; worn components.	Apply lubricant to keyway and latch. Check for proper alignment of deadbolt and strike plate.
Key does not insert or turn smoothly.	Debris in keyway; bent key; incorrect key.	Clean keyway with compressed air. Try a different key. Ensure you are using the correct key.
Deadbolt does not fully extend or retract.	Misalignment of strike plate; obstruction in door frame; loose mounting screws.	Adjust strike plate position. Clear any obstructions. Tighten mounting screws.
Deadbolt rattles or feels loose.	Loose mounting screws.	Tighten all mounting screws securely.

8. SPECIFICATIONS

- **Brand:** Emtek
- **Model:** Wilshire 8579 Single Sided Deadbolt
- **Lock Type:** Key Lock (Single Sided)
- **Material:** Metal
- **Style:** Antique
- **Shape:** Round (deadbolt mechanism), Square (escutcheon plates)
- **Controller Type:** Mechanical knob (thumb turn)
- **Recommended Uses:** Securing interior doors in residential or commercial buildings with traditional/vintage-style interiors
- **UPC:** 789704091766

9. WARRANTY AND SUPPORT

Emtek products are manufactured to high-quality standards. Specific warranty details are typically provided with the product packaging or can be found on the official Emtek website. Please retain your proof of purchase for warranty claims.

For technical assistance, replacement parts, or further inquiries, please contact Emtek customer support through their official website or the contact information provided with your purchase documentation.