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### Weiser GDC9471 K3 SMT MS RL

# Weiser Lock GDC9471 Elements Single Cylinder Deadbolt Instruction Manual

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and rekeying of your Weiser Lock GDC9471 Elements Single Cylinder Deadbolt. This deadbolt is designed for security and convenience, featuring SmartKey technology for easy rekeying and enhanced resistance against picking and bumping.

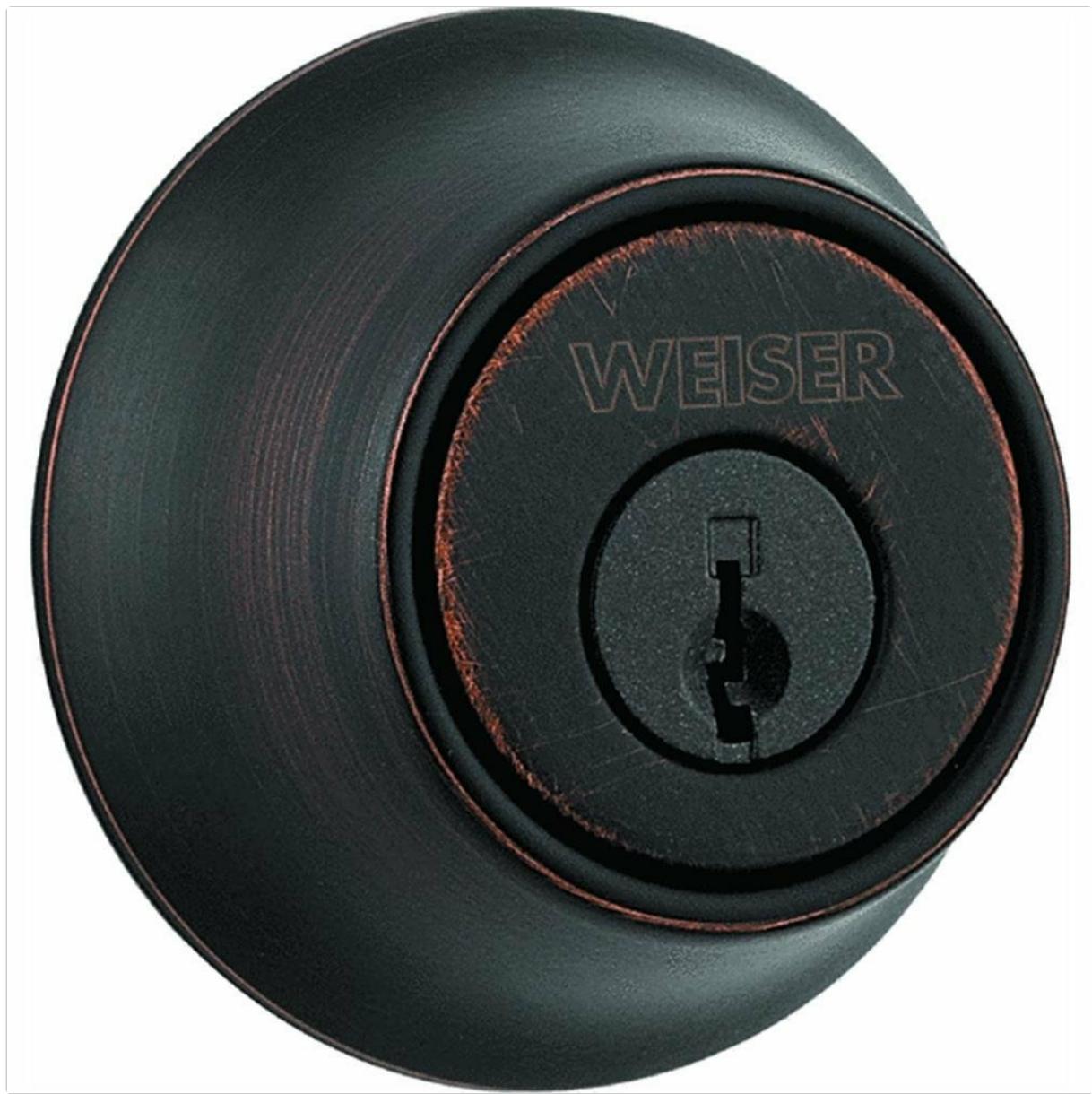


Image: Weiser Lock GDC9471 Elements Single Cylinder Deadbolt, showing the exterior key cylinder and interior thumb turn components.

## PRODUCT FEATURES

- **Single Cylinder Design:** Key access from the exterior, thumb turn operation from the interior.
- **Full 1-inch Throw:** Provides enhanced security with a robust deadbolt extension.
- **SmartKey Security:** Features a Kwikset chassis with SmartKey cylinder technology, eliminating traditional pins and springs.
- **Rekeying Capability:** Allows for instant rekeying in three simple steps using the included learning tool.
- **Enhanced Security:** Designed to be bump-resistant and highly pick-resistant.
- **Adjustable Backset:** Standard adjustable backset for versatile installation.

## PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Exterior Deadbolt Cylinder Assembly

- Interior Thumb Turn Assembly
- Deadbolt Latch Mechanism
- Strike Plate
- Mounting Screws
- Standard Keys
- SmartKey Rekeying Learning Tool

## INSTALLATION REQUIREMENTS

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Ensure your door meets the following specifications for proper installation:

- **Door Thickness:** Fits all standard doors 1-3/4 inches thick.
- **Crossbore Hole:** Requires a 2-1/8 inch diameter crossbore hole.
- **Edge Bore:** Requires a 1 inch diameter edge bore.
- **Backset:** Compatible with 2-3/8 inch to 2-3/4 inch adjustable backsets.

For detailed installation steps, refer to the diagram included with your product packaging. Professional installation is recommended if you are unfamiliar with door hardware installation.

## OPERATING INSTRUCTIONS

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### Locking the Deadbolt:

- **From the Exterior:** Insert the key into the exterior cylinder and turn it 90 degrees clockwise to extend the deadbolt into the strike plate. Remove the key.
- **From the Interior:** Rotate the thumb turn on the interior assembly to extend the deadbolt into the strike plate.

### Unlocking the Deadbolt:

- **From the Exterior:** Insert the key into the exterior cylinder and turn it 90 degrees counter-clockwise to retract the deadbolt. Remove the key.
- **From the Interior:** Rotate the thumb turn on the interior assembly to retract the deadbolt.

## SMARTKEY REKEYING INSTRUCTIONS

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The SmartKey feature allows you to rekey your deadbolt to a new key in three simple steps. This is useful for security updates or if you wish to use a single key for multiple SmartKey locks.

1. **Insert Current Key:** Insert your currently working key fully into the cylinder and turn it 90 degrees clockwise to the horizontal position.
2. **Insert Learning Tool:** While the current key is still turned 90 degrees, insert the SmartKey learning tool fully into the small hole on the face of the cylinder. Remove the learning tool.
3. **Insert New Key:** Remove the current key. Insert your new key fully into the cylinder and turn it 180 degrees counter-clockwise back to the vertical position. Your lock is now rekeyed to the new key. Test the new key to ensure proper operation.

**Important:** Always test the new key with the door open first to avoid accidental lockout.

## MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your deadbolt.

- **Cleaning:** Clean the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the finish.
- **Lubrication:** If the deadbolt mechanism feels stiff, apply a small amount of graphite-based lubricant (not oil-based) into the keyway and the latch mechanism. Do not over-lubricate.
- **Screw Tightness:** Periodically check and tighten all mounting screws to ensure the deadbolt remains securely fastened to the door. Do not overtighten.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Key does not turn or is stiff.	Incorrect key, debris in keyway, or lack of lubrication.	Ensure you are using the correct key. Clean keyway with compressed air. Apply graphite lubricant.
Deadbolt does not extend or retract fully.	Misalignment with strike plate, loose screws, or obstruction.	Check strike plate alignment and adjust if necessary. Tighten mounting screws. Ensure no debris obstructs the bolt path.
Thumb turn is loose or not engaging.	Loose interior assembly screws.	Remove interior cover and tighten the screws that secure the thumb turn assembly.

## SPECIFICATIONS

<b>Brand</b>	Weiser
<b>Model Number</b>	GDC9471 11P K3 SMT MS RL
<b>Cylinder Type</b>	Single Cylinder
<b>Keyway</b>	SmartKey
<b>Backset Size</b>	Adjustable 2-3/8" to 2-3/4"
<b>Exterior Access</b>	Key
<b>Interior Action</b>	Thumb Turn
<b>Standard Door Thickness</b>	1-3/4"
<b>Required Crossbore Hole</b>	2-1/8" diameter
<b>Required Edge Bore</b>	1" diameter
<b>Material</b>	Bronze

<b>Finish</b>	Venetian Bronze
<b>Item Weight</b>	12 pounds
<b>UPC</b>	059184203271

## **WARRANTY AND SUPPORT**

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Specific warranty details are not provided in this document. For warranty information, technical support, or to purchase replacement parts, please contact Weiser customer service directly. You can typically find contact information on the manufacturer's website or on the product packaging.

**Manufacturer:** Weiser Lock