## Baldwin SC.TAD.150.6L.DS.CKY.KD

# Baldwin Traditional Arch Single Cylinder Deadbolt User Manual

Model: SC.TAD.150.6L.DS.CKY.KD

## 1. Introduction

Thank you for choosing the Baldwin Traditional Arch Single Cylinder Deadbolt. This manual provides essential information for the proper installation, operation, and maintenance of your new deadbolt. Please read these instructions carefully before beginning installation and retain them for future reference.




Image 1.1: Baldwin Single Cylinder Deadbolt on a front door.

## 2. Safety Information

- Always wear appropriate safety gear, such as safety glasses, during installation.
- Use the correct tools for each step to prevent damage to the product or injury.
- Keep small parts away from children to prevent choking hazards.
- Ensure the door is properly aligned and operates smoothly before and after deadbolt installation.
- Do not use abrasive cleaners or solvents on the deadbolt finish.

## 3. Package Contents

Verify that all components are present before beginning installation:

- Deadbolt Unit (Exterior and Interior Assemblies)
- Deadbolt Latch
- Strike Plate
- Mounting Screws
- Keys (typically 2)
- Instruction Guide (this document)




Image 3.1: Included Baldwin keys.

## 4. Installation

Follow these steps to install your Baldwin Single Cylinder Deadbolt. For optimal security and function, ensure precise measurements and alignment.

1. **Prepare the Door:** Ensure your door has the correct bore holes (typically 2-1/8 inch diameter) and backset (2-3/8 inch or 2-3/4 inch). If installing on a new door, use a template to drill holes.
2. **Install the Latch:** Insert the deadbolt latch into the edge bore hole of the door. Ensure the latch bolt is facing the correct direction (beveled edge towards the door frame). Secure with screws.
3. **Install the Exterior Assembly:** Place the exterior deadbolt assembly through the 2-1/8 inch bore hole, ensuring the tailpiece passes through the latch mechanism.
4. **Install the Interior Assembly:** Align the interior deadbolt assembly with the exterior assembly, ensuring the tailpiece engages correctly with the thumbturn mechanism. Secure with the provided mounting screws.
5. **Test Operation:** With the door open, test the deadbolt by turning the thumbturn and inserting a key from the exterior. The latch bolt should extend and retract smoothly.
6. **Install the Strike Plate:** Close the door and mark the position of the latch bolt on the door frame. Chisel out a recess for the strike plate and secure it with screws. Ensure the deadbolt engages fully and securely into the strike plate.



Image 4.1: Illustrative image of deadbolt installation.

## 5. Operation

The Baldwin Traditional Arch Single Cylinder Deadbolt provides secure locking for your door. A single cylinder deadbolt is operated by a key from the exterior and a thumbturn from the interior.

- **To Lock from Exterior:** Insert the key into the cylinder and turn it until the deadbolt fully extends into the strike plate. Remove the key.
- **To Unlock from Exterior:** Insert the key into the cylinder and turn it until the deadbolt fully retracts. Remove the key.
- **To Lock from Interior:** Turn the thumbturn on the interior side of the deadbolt until the deadbolt fully extends into the strike plate.
- **To Unlock from Interior:** Turn the thumbturn on the interior side of the deadbolt until the deadbolt fully retracts.



Image 5.1: Diagram illustrating a single cylinder deadbolt.

## 6. Maintenance

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

- **Cleaning:** Clean the deadbolt's exterior with a soft, damp cloth. Avoid harsh chemicals, abrasive cleaners, or polishing agents, as these can damage the finish.
- **Lubrication:** Periodically apply a small amount of graphite-based lubricant to the keyway to ensure smooth key insertion and turning. Do not use oil-based lubricants, as they can attract dirt.
- **Screw Tightness:** Periodically check and tighten all mounting screws to ensure the deadbolt remains securely fastened to

the door. Do not overtighten.

## 7. Troubleshooting

If you encounter issues with your deadbolt, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Key is difficult to insert or turn | Dirty keyway; worn key; misaligned cylinder | Apply graphite lubricant to keyway; try a different key; check cylinder alignment. |
| Deadbolt does not extend/retract fully | Misaligned strike plate; loose screws; bent latch bolt | Adjust strike plate; tighten mounting screws; inspect latch bolt for damage. |
| Door rattles when locked | Loose strike plate; worn door frame | Tighten strike plate screws; consider shimming the strike plate. |

## 8. Specifications

| Feature | Detail |
|---|---|
| Brand | Baldwin |
| Model Number | SC.TAD.150.6L.DS.CKY.KD |
| Lock Type | Key Lock (Single Cylinder Deadbolt) |
| Material | Nickel |
| Finish | Satin Nickel |
| Item Dimensions (L x W x H) | 5.44 x 5.38 x 3.5 inches |
| Item Weight | 2 Pounds |
| Recommended Uses | Residential security, Commercial security |
| UPC | 884011459893 |

## 9. Product Video

Watch the official Baldwin product video for an overview of Baldwin door hardware and its significance.

[redacted]

Video 9.1: Baldwin Door Hardware Overview. This video highlights the design and quality of Baldwin door hardware.

## 10. Warranty and Support

For warranty information, technical support, or to purchase replacement parts, please contact Baldwin customer service. Refer to the official Baldwin website or your purchase documentation for specific contact details and warranty terms.

**Online Resources:** Visit the official Baldwin website for additional product information, FAQs, and support resources.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question