TOLEDO TO

TOLEDO Single Keyed Cylinder Deadbolt Instruction Manual

Model: TO

1. Product Overview

The TOLEDO Single Keyed Cylinder Deadbolt is designed to enhance the security of residential and commercial doors. This deadbolt features a single keyed cylinder for exterior access and an interior thumbturn for convenient manual locking and unlocking. Engineered with bump-resistant and anti-pick pins, it provides robust protection against common forced entry techniques. The satin chrome finish offers a durable and aesthetically pleasing appearance.



Image Description: A disassembled view of the TOLEDO deadbolt, showing the exterior keyed cylinder, interior thumbturn, and the latch mechanism with its faceplate. A set of keys with a red tag is also visible, indicating the product comes with keys.

2. Package Contents

Verify that all components are present before beginning installation.

- Exterior Keyed Cylinder Assembly
- Interior Thumbturn Assembly
- Deadbolt Latch Mechanism
- Strike Plate
- Reinforcement Plate (if included)
- Mounting Screws
- Keys (typically 3 brass Y-1/999 duplicates)
- Installation Instructions (this manual)

3. Specifications

Brand	TOLEDO

Model Name	TOST
Part Number	V1800-32USD
Lock Type	Deadbolt, Single Keyed Cylinder
Material	Metal
Finish Type	Bright Stainless Steel (Satin Chrome)
Special Features	Anti-Bump & Pick Resistant Pins
Door Thickness Compatibility	1 3/8" (35mm) to 1 3/4" (45mm)
Backset Compatibility	Adjustable 2 3/8" (60mm) or 2 3/4" (70mm)
Keyway Profile	Yale (5 pinned chamber)
Certifications	ANSI Grade 3 Certified
Item Weight	1.3 Pounds

4. Installation (Setup)

This deadbolt is designed for easy installation on standard swing doors with existing pre-drilled holes.

4.1 Tools Required

- Phillips Head Screwdriver
- Measuring Tape
- Pencil (optional)

4.2 Pre-Installation Checks

1. **Door Thickness:** Ensure your door thickness is between 1 3/8" (35mm) and 1 3/4" (45mm).
2. **Backset Measurement:** Measure the backset (distance from the edge of the door to the center of the bore hole). The latch mechanism is adjustable for 2 3/8" (60mm) or 2 3/4" (70mm) backsets. Adjust the latch as needed by twisting the housing.

4.3 Installation Steps

1. **Install Latch Mechanism:** Insert the deadbolt latch mechanism into the bore hole on the edge of the door. Ensure the bolt faces the correct direction for your door swing. Secure it with the two small screws provided.



Image Description: A close-up of a hand using a screwdriver to secure the faceplate of the deadbolt latch mechanism into the edge of a wooden door. This shows the initial step of installing the bolt assembly.

2. **Install Exterior Cylinder:** Insert the exterior keyed cylinder into the door's bore hole from the outside. Ensure the tailpiece (the flat bar extending from the cylinder) aligns with the slot in the latch mechanism.



Image Description: An exterior view of the TOLEDO deadbolt installed on a dark wooden door. The keyed cylinder is visible, with the TOLEDO brand name embossed above the keyhole. This illustrates the appearance of the lock from the outside.

3. **Install Interior Thumbturn:** Place the interior thumbturn assembly onto the door from the inside, aligning its posts with the holes in the exterior cylinder and the tailpiece with the thumbturn mechanism.



Image Description: An interior view of the TOLEDO deadbolt installed on a dark wooden door. The thumbturn knob is visible, allowing manual locking and unlocking from inside. This shows the interior side of the lock.

4. **Secure Assemblies:** Insert the long mounting screws through the interior thumbturn assembly and thread them into the exterior cylinder assembly. Tighten securely, but do not overtighten, to ensure smooth operation.
5. **Install Strike Plate:** Close the door and mark the position where the deadbolt extends into the door frame. Chisel out a recess for the strike plate and secure it with screws. Ensure the bolt extends fully into the strike plate without obstruction.

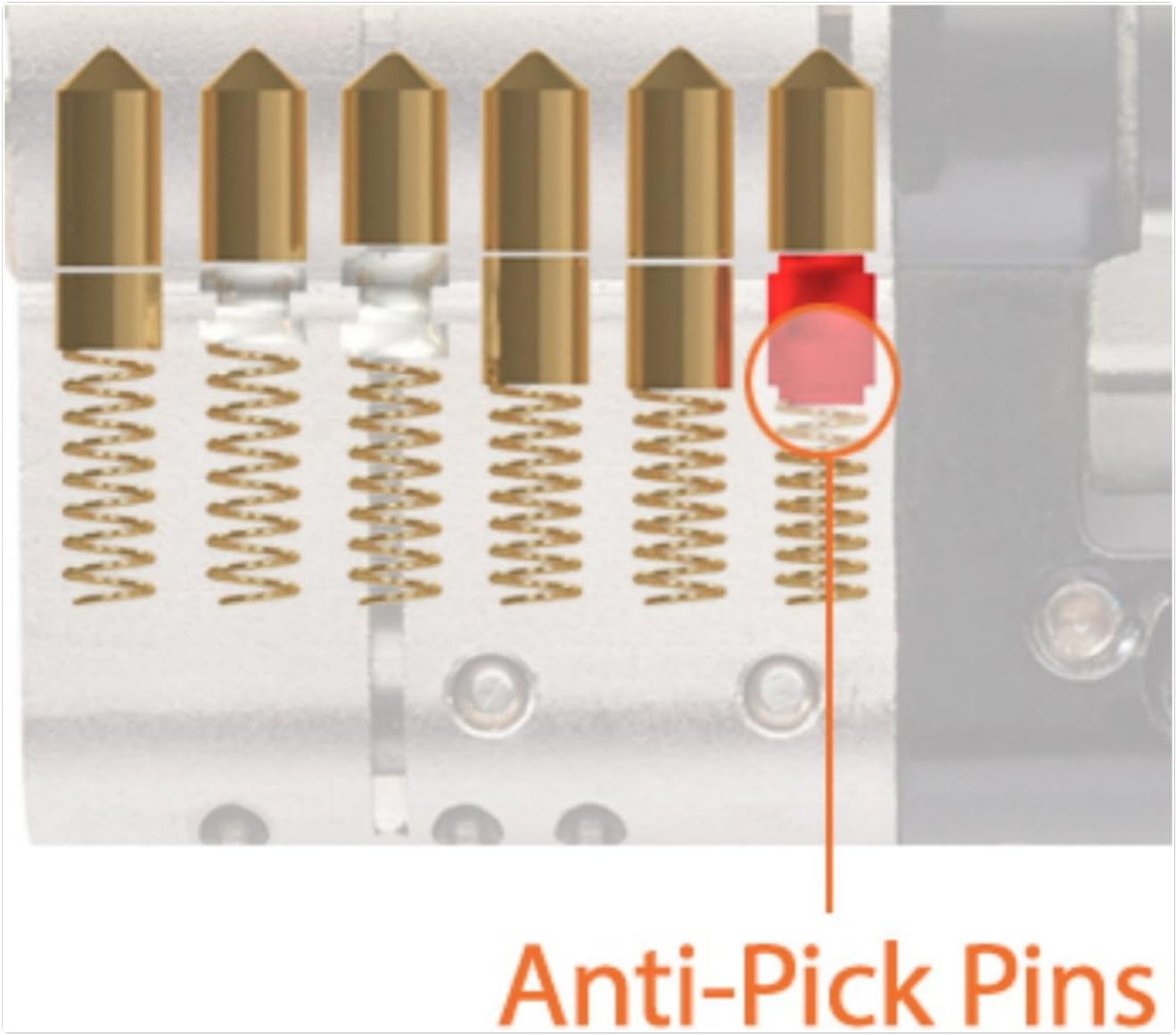


Image Description: A close-up, slightly angled view of the TOLEDO deadbolt components, including the interior thumbturn assembly and the latch mechanism. This image highlights the internal workings and the thumbturn design.

6. **Test Operation:** With the door open, test the deadbolt operation using both the key from the exterior and the thumbturn from the interior. Ensure the bolt extends and retracts smoothly.

5. Operation

The TOLEDO Single Keyed Cylinder Deadbolt offers straightforward operation for securing your door.

5.1 Locking the Door

- **From Exterior:** Insert the key into the exterior cylinder and turn it clockwise until the deadbolt fully extends into the strike plate. Remove the key.
- **From Interior:** Rotate the thumbturn knob clockwise until the deadbolt fully extends into the strike plate.

5.2 Unlocking the Door

- **From Exterior:** Insert the key into the exterior cylinder and turn it counter-clockwise until the deadbolt fully retracts. Remove the key.
- **From Interior:** Rotate the thumbturn knob counter-clockwise until the deadbolt fully retracts.



Image Description: A cutaway diagram illustrating the internal mechanism of a lock cylinder, specifically highlighting "Anti-Pick Pins" in red. This visual explains how the lock's design resists picking attempts, enhancing security.

6. Maintenance

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

- **Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Periodically apply a graphite-based lubricant or a silicone-based spray lubricant (*not* oil-based lubricants) into the keyway and around the deadbolt latch mechanism. This helps prevent sticking and wear.
- **Screw Tightness:** Occasionally check and tighten any loose mounting screws to maintain proper alignment and security.

7. Troubleshooting

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

7.1 Deadbolt Sticking or Hard to Turn

- **Cause:** Lack of lubrication, misaligned strike plate, or loose mounting screws.
- **Solution:**
    a. Apply lubricant to the keyway and latch mechanism (see Section 6).
    b. Check the alignment of the strike plate with the deadbolt. Adjust if necessary.

c. Ensure all mounting screws are tightened securely.

7.2 Key Does Not Insert or Turn Smoothly

- **Cause:** Debris in keyway, bent key, or worn cylinder.
- **Solution:**

a. Inspect the key for damage; use a spare key if available.
b. Spray a small amount of graphite lubricant into the keyway to dislodge debris.
c. If the issue persists, the cylinder may be worn and require replacement.

7.3 Deadbolt Does Not Fully Extend/Retract

- **Cause:** Misaligned strike plate, door frame obstruction, or internal mechanism issue.
- **Solution:**

a. Verify the strike plate is correctly aligned and the bolt has a clear path.
b. Check for any warping or swelling of the door or frame that might impede the bolt.
c. If the problem is internal, contact customer support.

8. Warranty & Support

TOLEDO stands behind the quality of its products. This deadbolt is backed by a manufacturer's extraordinary lifetime warranty.
For warranty claims, technical assistance, or further support, please contact TOLEDO customer service. Refer to the product packaging or the official TOLEDO website for the most current contact information.
Online Resources: For additional information and product updates, visit the official TOLEDO website.

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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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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