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› Tesa Assa Abloy 50304080L Key-Key Cylinder Lock Instruction Manual

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MODEL: 50304080L

Brass Finish 40 x 80 mm Key-Key Cylinder

Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your Tesa Assa Abloy 50304080L Key-Key Cylinder Lock. Please read this manual thoroughly before installation and retain it for future reference. This product is designed to provide reliable security for entrance doors.

Safety Information

- Always wear appropriate personal protective equipment (PPE) during installation, such as safety glasses and gloves.
- Ensure the door frame and door are structurally sound before installing the cylinder.
- Do not attempt to modify the cylinder or its components, as this may compromise security and void the warranty.
- Keep keys in a secure location and do not leave them unattended.

Package Contents

Verify that all items are present in the package:

- 1 x Tesa Assa Abloy 50304080L Key-Key Cylinder
- 3 x Keys (Schlüssel)
- 1 x Fixing Screw M5 x 60 mm (Befestigungsschraube M5 x 60 mm)

Installation Instructions

Follow these steps carefully to install the Tesa Assa Abloy 50304080L cylinder lock:

1. **Prepare the Door:** Ensure the door has a standard euro profile cylinder cutout. If replacing an existing cylinder,

remove the old cylinder by unscrewing the retaining screw on the door's edge.



Image: The Tesa Assa Abloy 50304080L Key-Key Cylinder Lock, showing its brass finish and keyholes on both ends.

2. **Insert the Cylinder:** Insert one of the provided keys into the cylinder and turn it slightly (approximately 15-20 degrees) to align the cam with the cylinder body. This allows the cylinder to slide smoothly into the door's mortise lock.
3. **Position the Cylinder:** Slide the cylinder into the mortise lock until it is flush with the door's edge plate. Ensure the key is still slightly turned to keep the cam aligned.
4. **Secure the Cylinder:** Locate the cylinder retaining screw hole on the door's edge plate. Insert the M5 x 60 mm fixing screw (provided) through this hole and tighten it into the cylinder. Do not overtighten.
5. **Test Operation:** With the cylinder secured, remove the key. Insert a key from both the inside and outside of the door and test the locking and unlocking mechanism. The key should turn smoothly without resistance. If there is resistance, check the cylinder alignment and screw tightness.

Operating Instructions

The Tesa Assa Abloy 50304080L is a key-key cylinder, meaning it requires a key to operate from both the interior and exterior sides of the door.

- **To Lock:** Insert the key into the keyway and turn it clockwise until the bolt is fully extended and the door is secured. Remove the key.
- **To Unlock:** Insert the key into the keyway and turn it counter-clockwise until the bolt is fully retracted and the door can be opened. Remove the key.
- *Note:* If a key is inserted on one side, it may prevent a key from being inserted or turned on the opposite side. This is a common characteristic of key-key cylinders.

Maintenance

Proper maintenance ensures the longevity and smooth operation of your cylinder lock:

- **Cleaning:** Clean the exterior of the cylinder with a soft, dry cloth. Avoid abrasive cleaners or solvents, which can damage the brass finish.
- **Lubrication:** Periodically (e.g., once a year or if operation becomes stiff), apply a small amount of graphite-based lubricant or a specialized lock lubricant into the keyway. Do not use oil-based lubricants, as they can attract dust and debris.
- **Key Care:** Do not use bent or damaged keys, as they can damage the internal mechanism of the cylinder.

Troubleshooting

Problem	Possible Cause	Solution
Key is difficult to insert or turn.	Lack of lubrication, debris in keyway, bent key.	Apply lock lubricant. Clean keyway with compressed air. Use an undamaged key.
Cylinder does not turn smoothly after installation.	Cylinder not properly aligned, retaining screw overtightened.	Loosen retaining screw slightly and re-test. Ensure cam is aligned during insertion.
Door does not lock/unlock completely.	Misalignment of mortise lock or strike plate, worn lock mechanism.	Check door and frame alignment. Consult a locksmith if the issue persists.

Specifications

Brand	Tesa Assa Abloy
Model Number	50304080L
Lock Type	Key Lock (Key - Key Cylinder)
Dimensions (L x W x H)	5.51 x 3.35 x 1.3 inches (Cylinder size: 40 x 80 mm)
Material	Brass
Finish	Brass Finish (Polished)
Weight	0.5 Kilograms
Recommended Use	Entrance doors

Warranty and Support

Tesa Assa Abloy products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Tesa Assa Abloy website. For technical support or inquiries, please contact your local dealer or the manufacturer's customer service.

Note: Protection plans are available for purchase separately and are not included with the standard product warranty. Refer to your purchase details for information on these plans.

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

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

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