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› Tesa Assa Abloy TX853040N High Security Key Lock Cylinder User Manual

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Model: TX853040N

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1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Tesa Assa Abloy TX853040N High Security Key Lock Cylinder. Please read this manual thoroughly before installation and use to ensure proper function and security.

The Tesa Assa Abloy TX853040N is a patented high-security key lock cylinder designed for enhanced protection and reliable access control. It features a durable brass construction and a modern brass finish, suitable for various door types.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Ensure the door and frame are structurally sound before installing the lock cylinder.
- Do not attempt to modify the lock cylinder or its components, as this may compromise security and void the warranty.
- Keep keys in a secure location and do not duplicate them without authorization.
- If you are unsure about any installation step, consult a qualified locksmith or professional installer.

3. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation:

- Tesa Assa Abloy TX853040N Key Lock Cylinder (1 unit)
- Operating Keys (typically 3-5 keys, quantity may vary)

- Mounting Screw (1 unit)

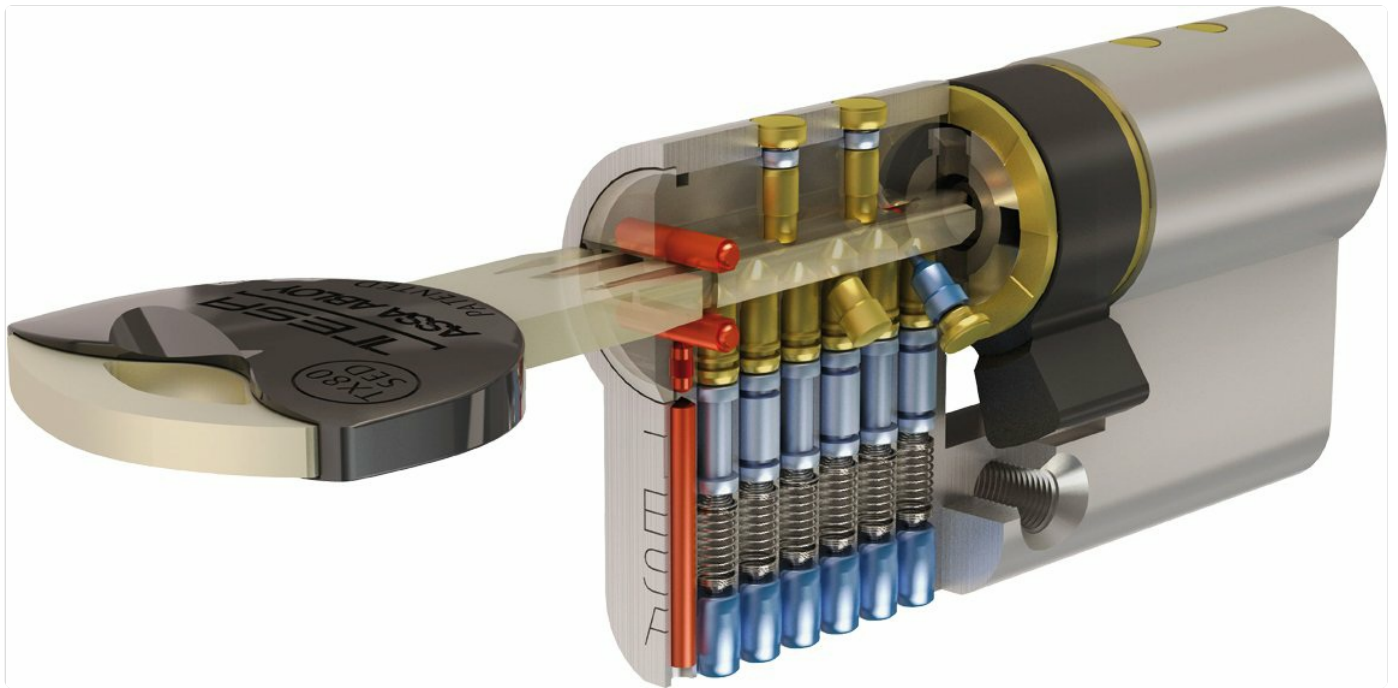


Figure 1: Tesa Assa Abloy TX853040N Brass Finish Key Lock Cylinder. This image shows the complete lock cylinder with its brass finish, ready for installation.

4. SETUP AND INSTALLATION

The Tesa Assa Abloy TX853040N lock cylinder is designed for quick and simple installation. Follow these general steps:

1. **Prepare the Door:** Ensure the door has a standard euro profile cylinder cutout. Measure the existing cylinder to confirm the correct size (30 x 40 mm for this model).
2. **Remove Old Cylinder (if applicable):** Open the door and locate the retaining screw on the door edge, typically aligned with the cylinder. Unscrew and remove it. Insert a key into the old cylinder and turn it slightly (about 15-20 degrees) to align the cam with the cylinder body, allowing it to slide out.
3. **Insert New Cylinder:** Insert one of the new keys into the Tesa Assa Abloy TX853040N cylinder. Turn the key slightly to align the cam. Slide the new cylinder into the door's cutout from the side where the key will be inserted.
4. **Secure the Cylinder:** Once the cylinder is correctly positioned and flush with the door handles, re-insert the retaining screw through the door edge and tighten it firmly. Do not overtighten.
5. **Test Functionality:** With the door open, insert a key and turn it to ensure the lock mechanism operates smoothly. Test from both sides of the door if applicable. Close the door and test again to ensure proper locking and unlocking without obstruction.

Note: For detailed visual instructions, refer to a professional locksmith or installation guide specific to your door type.

5. OPERATING INSTRUCTIONS

Operating the Tesa Assa Abloy TX853040N key lock cylinder is straightforward:

- **Locking:** Insert the key fully into the keyway. Turn the key clockwise (or counter-clockwise, depending on door handing) until the bolt extends and the door is securely locked. Remove the key.
- **Unlocking:** Insert the key fully into the keyway. Turn the key counter-clockwise (or clockwise) until the bolt retracts and the door is unlocked. Remove the key.
- **Key Removal:** The key can only be removed when it is in the fully locked or fully unlocked position (vertical

orientation). Do not force the key if it does not turn or remove easily.

This patented cylinder lock provides superior security and protection, ensuring reliable access control for your property.

6. MAINTENANCE

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

- **Cleaning:** Wipe the exterior of the cylinder with a soft, dry cloth to remove dust and grime. Avoid abrasive cleaners or solvents that could 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 cause clogging.
- **Key Care:** Keep keys clean and free from debris. Avoid using bent or damaged keys, as they can damage the internal mechanism of the cylinder.
- **Inspection:** Periodically check the cylinder for any signs of wear, damage, or loose components. Address any issues promptly.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Key is difficult to insert or turn.	Dirt/debris in keyway, lack of lubrication, bent key.	Clean keyway with compressed air, apply lock lubricant, inspect key for damage.
Lock cylinder does not turn.	Cam misalignment, internal mechanism damage, incorrect key.	Ensure key is fully inserted and try wiggling slightly. If issue persists, contact support.
Cylinder feels loose in the door.	Retaining screw is loose.	Tighten the retaining screw on the door edge. Do not overtighten.

If troubleshooting steps do not resolve the issue, contact Tesa Assa Abloy customer support for further assistance.

8. SPECIFICATIONS

Model Number:

TX853040N

Brand:

Tesa Assa Abloy

Lock Type:

Key Lock Cylinder

Special Feature:

Key Unlock, High Security Patented Cylinder

Material:

Brass

Finish:

Brass Finish, Polished

- Dimensions (Overall Item):**
27.56 x 0.67 x 1.3 inches (L x W x H)
- Cylinder Size:**
30 x 40 mm
- Item Weight:**
0.37 Kilograms
- Recommended Use:**
Security for doors

9. WARRANTY AND SUPPORT

Tesa Assa Abloy products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Tesa Assa Abloy website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Tesa Assa Abloy customer service. Contact information can typically be found on the product packaging or the official brand website.

Note: International products may have separate terms and conditions.

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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

Anonymous

Email

you@example.com

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

