

AXA ALA034

AXA Solid Frame Lock User Manual

Model: ALA034 | Brand: AXA

1. INTRODUCTION

The AXA Solid Frame Lock is a robust and reliable security device designed to protect your bicycle. Constructed with hardened steel housing and handle, it offers optimum protection against theft. This manual provides essential information for the proper installation, operation, and maintenance of your AXA Solid Frame Lock.



Figure 1: Front view of the AXA Solid Frame Lock with key.

2. SAFETY INFORMATION

- Always ensure the lock is properly engaged before leaving your bicycle unattended.
- While the AXA Solid Frame Lock provides strong security, no lock can guarantee 100% protection against determined theft. For enhanced security, consider combining it with additional locking mechanisms, such as a chain lock.
- Keep keys in a safe place and do not leave them in the lock when the bicycle is unattended.
- Regularly inspect the lock for any signs of wear or damage. Do not use if damaged.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 x AXA Solid Frame Lock
- 2 x Keys (typically)

Note: Mounting hardware is typically not included with the lock and may need to be purchased separately depending on your bicycle frame's design and existing mounting points.



Figure 2: AXA Solid Frame Lock as typically packaged.

4. INSTALLATION (SETUP)

The AXA Solid Frame Lock is designed to be mounted directly onto the bicycle frame, typically on the seat stays near the rear wheel. Ensure your bicycle frame has pre-drilled mounting holes for a frame lock. If not, specific mounting brackets (not included) may be required.

4.1. Pre-Installation Check

- Verify that your bicycle frame has two threaded holes on the seat stays, positioned appropriately for a frame lock. Refer to the

dimensions in the Specifications section.

- Ensure there is sufficient clearance between the lock and the tire/fender once installed to allow for proper operation and prevent rubbing.
- Acquire appropriate M5 screws (typically 16mm length) if not already present on your frame or included with a mounting kit.

4.2. Mounting Procedure

1. Position the AXA Solid Frame Lock against the seat stays, aligning the mounting holes on the lock with the threaded holes on your bicycle frame.
2. Insert the mounting screws through the lock's mounting points and into the frame's threaded holes.
3. Using an appropriate tool (e.g., Allen key), tighten the screws securely. Do not overtighten, as this can damage the frame or the lock.
4. After tightening, test the lock's operation. Ensure the locking mechanism moves freely and the shackle closes completely around the wheel when engaged.
5. Check for any interference with the wheel, tire, or fender when the wheel spins. Adjust if necessary.



Figure 3: AXA Solid Frame Lock correctly installed on a bicycle.

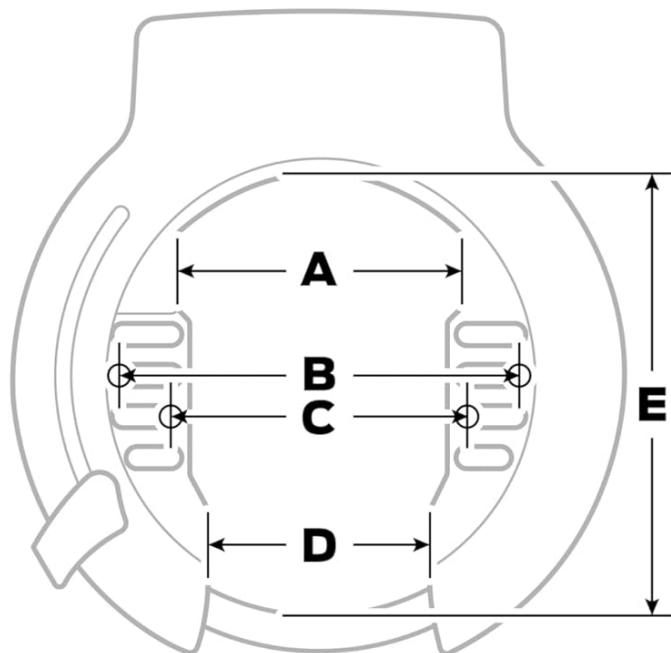
5. OPERATING INSTRUCTIONS

The AXA Solid Frame Lock is designed for quick and convenient bicycle security.

5.1. Locking the Bicycle

1. Ensure the key is inserted into the lock cylinder.
2. Push the locking lever or mechanism down until the shackle closes around the bicycle wheel, preventing it from turning. You should hear a distinct click.
3. Remove the key. The lock is now engaged.

Rahmenschloss Abmessungen



- A** Max. Schutzblechbreite
- B** Max. Lochabstand der Anschraubpunkte
- C** Min. Lochabstand der Anschraubpunkte
- D** Max. durchgangsbreite für den Reifen
- E** Höhe des inneren Kreises

Produkttyp	A	B	C	D	E
AXA Ren2	71	96,7	71	61	108,7
AXA Solid (Plus)	71	91	71	57	101,2
AXA Defender	63	91	71	51	101,4
AXA Victory	72	91	71	55	102,8
AXA Block XXL	70,8	98,3	83,2	56	107
AXA Imenso-L	91,7	112,8	89,3	70,7	120,7
AXA Imenso-XL	91,7	113,3	106,3	70,7	120,7

Gesamtmaße in mm, ohne Berücksichtigung der Schraubengröße und der Reifenfreiheit

Figure 4: Detail of the locking mechanism.

5.2. Unlocking the Bicycle

1. Insert the key fully into the lock cylinder.
2. Turn the key to release the locking mechanism. The shackle will spring open.
3. The key remains in the lock when it is in the unlocked position (key not removable feature). This prevents losing the key while cycling.

6. MAINTENANCE

To ensure the longevity and smooth operation of your AXA Solid Frame Lock, follow these maintenance guidelines:

- Cleaning:** Periodically wipe down the exterior of the lock with a damp cloth to remove dirt and grime. Avoid harsh chemicals.
- Lubrication:** Every 6-12 months, or if the mechanism feels stiff, apply a small amount of lock lubricant (e.g., graphite powder or a silicone-based spray) into the keyhole and the moving parts of the shackle mechanism. Avoid using oil-based lubricants as they can attract dirt.
- Inspection:** Regularly check the mounting screws for tightness and the lock body for any cracks, bends, or signs of tampering.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Key is difficult to insert or turn.	Dirt or debris in the keyhole; lack of lubrication.	Apply lock lubricant into the keyhole. Gently wiggle the key while turning. Do not force the key.
Locking mechanism is stiff or does not engage fully.	Accumulation of dirt; lack of lubrication; minor misalignment.	Clean the lock and apply lubricant to the moving parts. Check if the lock is securely mounted and not misaligned.
Lock does not fit properly on the bicycle frame.	Incorrect frame size or mounting hole spacing; missing mounting hardware.	Verify your frame's compatibility with the lock's dimensions (refer to specifications). Ensure you have the correct mounting hardware.

8. SPECIFICATIONS

Feature	Detail
Brand	AXA
Model Name	1 x solid frame lock
Model Number	ALA034
Lock Type	Key (Physical)
Special Feature	Extra strong, Key not removable when unlocked
Color	Black
Material	Hardened steel (Housing and handle)
Product Dimensions (L x W x H)	Approx. 15 x 15 x 3 cm (5.91 x 5.91 x 1.18 inches)
Item Weight	Approx. 0.68 Grams (0.024 ounces)
Included Components	Frame lock, Keys

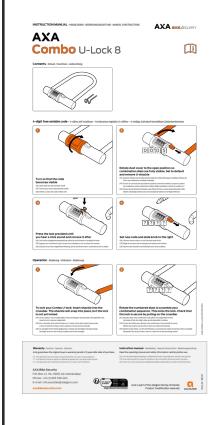
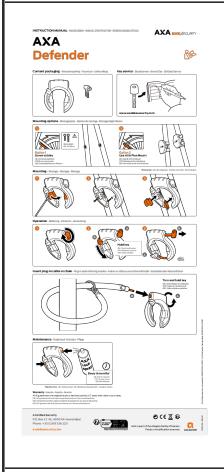
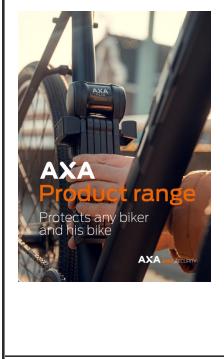
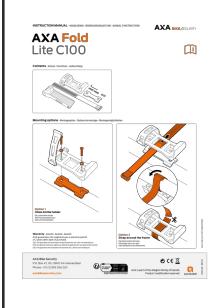


Figure 5: Technical drawing showing key dimensions for installation.

9. WARRANTY AND SUPPORT

Please note that the product information indicates "No Manufacturer Guarantee." For any issues or support inquiries, it is recommended to contact the retailer from whom you purchased the AXA Solid Frame Lock. They can provide assistance regarding returns, defects, or product-related questions in accordance with their sales policies.

Related Documents

	<p>AXA Combo U-Lock 8 Instruction Manual Comprehensive guide for setting the combination and operating the AXA Combo U-Lock 8 bicycle lock, including warranty and contact information.</p>
	<p>AXA Defender Bike Lock Manual: Installation, Operation & Maintenance Official instruction manual for the AXA Defender bike lock. Learn how to install, operate, and maintain your lock for optimal security. Includes warranty and product details.</p>
	<p>AXA Bike Security & Lighting: Locks, Lights, and Accessories Catalog Discover the extensive AXA Bike Security and Lighting product catalog. For over 115 years, AXA has provided high-quality bicycle locks, chains, and lights, including e-bike solutions and cargo bike accessories, ensuring cyclist and bike safety. Explore user-friendly, sustainable products designed for optimal protection and visibility.</p>
	<p>AXA Fold Lite C100 Instruction Manual Instruction manual for the AXA Fold Lite C100 bike lock, covering mounting options and code setting procedures.</p>