

Falcon B101S Q 626

Falcon B101S Q 626 Passage Function Quantum Lever Lock Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the Falcon B101S Q 626 B Series Grade 2 Medium Duty Cylindrical Lock. This lock features a passage function with a Quantum lever and a keyless cylinder, designed for applications requiring reliable, non-locking access.



Image: Falcon B101S Q 626 Passage Function Quantum Lever Lock in Satin Chrome finish, showing both exterior and interior levers and the latch mechanism.

SETUP AND INSTALLATION

Included Components:

- Lock Chassis
- Exterior Lever
- Interior Lever
- Roses (interior and exterior)
- Through-bolted Rose Inserts
- Latch Bolt Assembly
- Strike Plate
- Mounting Screws

Required Tools:

- Phillips Head Screwdriver
- Tape Measure
- Pencil
- Wood Chisel (if needed for strike plate)
- Drill with appropriate bits (for new installations)

Installation Steps:

1. **Prepare the Door:** Ensure the door preparation meets ANSI A156.2 Series 4000 Grade 2 standards. The lock is non-handed, meaning it can be installed on left or right-hand doors without modification.
2. **Install Latch Bolt:** Insert the latch bolt assembly into the edge bore hole of the door. Ensure the bevel of the latch faces the door frame. Secure with screws.
3. **Install Exterior Chassis:** Insert the exterior lock chassis into the cross bore hole, ensuring the spindle engages with the latch mechanism.
4. **Install Interior Chassis:** Place the interior rose and lever assembly over the interior side of the door, aligning it with the exterior chassis.
5. **Secure Lock:** Use the through-bolts to secure the interior and exterior assemblies together. Tighten screws evenly to prevent binding.
6. **Attach Levers:** Secure the levers to the spindles. For the Quantum lever, ensure the retainer is properly seated.
7. **Install Strike Plate:** Mark and chisel out the door frame for the strike plate, ensuring the latch bolt engages smoothly. Secure the strike plate with screws.
8. **Test Operation:** Close the door and test the operation of both levers to ensure the latch retracts and extends freely.

OPERATING INSTRUCTIONS

The Falcon B101S Q 626 lock is a passage function lock, meaning it does not have a locking mechanism. Both the interior and exterior levers are always free to operate, allowing unrestricted access. To open the door, simply depress either the interior or exterior lever. The latch bolt will retract, allowing the door to open. Releasing the lever will allow the latch bolt to extend, securing the door in the closed position.

MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your Falcon lock.

- **Cleaning:** Clean the lock's exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents, as these can damage the finish.
- **Lubrication:** Periodically apply a small amount of silicone-based lubricant to the latch bolt mechanism and inside the lever hub to maintain smooth operation. Do not use oil-based lubricants, which can attract dust and debris.
- **Inspection:** Annually inspect all mounting screws for tightness. Loose screws can affect the lock's performance and durability.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lever is stiff or hard to turn.	Lack of lubrication; debris in mechanism; misaligned installation.	Apply silicone lubricant. Clean visible debris. Check for proper alignment during installation.
Latch bolt does not retract fully.	Binding due to overtightened screws; debris in latch mechanism.	Loosen mounting screws slightly and re-test. Clean latch bolt area.
Door rattles when closed.	Strike plate not properly aligned or shimmed.	Adjust strike plate position or add shims behind it to reduce play.
Levers feel loose or wobbly.	Mounting screws are loose; lever retainer not fully engaged.	Tighten all mounting screws. Ensure lever retainer is properly seated.

SPECIFICATIONS

Feature	Detail
Brand	Falcon
Model Number	B101S Q 626
Lock Type	Cylindrical Lock, Passage Function
Lever Style	Quantum Lever
Cylinder Type	Keyless
Finish	Satin Chrome (626)
Material	Alloy Steel, Brass, Bronze, Chrome, Zinc
Grade	ANSI/BHMA Grade 2
Handing	Non-Handed
UL Listing	1.5 hour fire door
Item Weight	3.62 pounds
Package Dimensions	9.5 x 7.1 x 3.8 inches


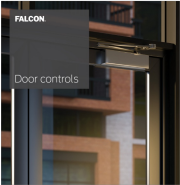
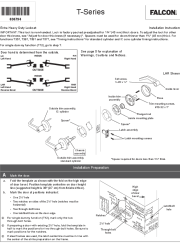
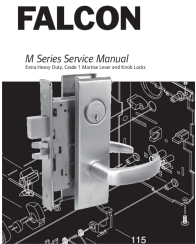
WARRANTY INFORMATION

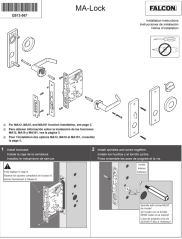

Falcon provides a 10-year warranty for the B101S Q 626 B Series Grade 2 Medium Duty Cylindrical Lock. This warranty covers defects in material and workmanship under normal use. For specific terms and conditions, please refer to the official Falcon warranty documentation or contact customer support.

SUPPORT

For further assistance, technical support, or warranty claims, please contact Falcon customer service. You can typically find contact information on the manufacturer's official website or through your product retailer. For more information, visit the official [Falcon Brand Page](#).

Related Documents - B101S Q 626

	<p>Falcon Locks Catalog: High-Quality Door Security Solutions</p> <p>Explore the comprehensive Falcon Locks catalog, featuring a wide range of ANSI Grade 1 & 2 cylindrical and mortise locks, deadbolts, and auxiliary hardware. Discover RU/RW, T, X, B, W, and MA series for commercial, institutional, and residential applications.</p>
	<p>Falcon Door Controls Catalog: SC, OHC100, and 8200 Series</p> <p>Comprehensive catalog detailing Falcon door closers and automatic operators, including the SC70A, SC80A, SC60A, SC90A series, OHC100 overhead concealed closers, and 8200 series automatic operators. Features, specifications, installation diagrams, arm types, accessories, and ordering information are provided.</p>
	<p>Falcon T-Series Extra Heavy Duty Lockset Installation Guide Step-by-Step Instructions</p> <p>Detailed installation instructions for the Falcon T-Series Extra Heavy Duty Lever Lockset. Includes door preparation, lock assembly, strike installation, and timing adjustments.</p>
	<p>Falcon M Series Mortise Locks Service Manual</p> <p>Comprehensive service manual for Falcon M Series mortise lever and knob locks, detailing functions, parts, and assembly instructions for extra heavy-duty, Grade 1 security.</p>

 A technical diagram showing the step-by-step installation of a Falcon MA-Lock. It includes a barcode, the 'MA-Lock' label, and the 'FALCON' logo. The diagram illustrates the mounting of the lock body to a door frame and the attachment of the handle assembly. It also shows the internal wiring connections for an electric strike.	<p>Falcon MA-Lock Installation Guide: Step-by-Step Instructions</p> <p>Detailed installation manual for Falcon MA-Lock series door hardware. Covers MA12, MA18, MA161, MA851, MA881 models, including special functions, electrical operation, and wiring. Features clear, step-by-step guidance.</p>
 The cover of the Falcon Locks Product Catalog. It features a photograph of a modern interior door with a sleek, metallic handle. The 'FALCON' logo is prominently displayed at the top left, and the word 'Locks' is centered below it. The Alleghion logo is visible in the top right corner.	<p>Falcon Locks Product Catalog - Comprehensive Architectural & Commercial Lock Solutions</p> <p>Explore the Falcon Locks Product Catalog from Alleghion, featuring a wide range of Grade 1 and Grade 2 cylindrical, mortise, interconnected, and deadbolt locks. Discover detailed specifications, ordering information, and product series for commercial and architectural applications.</p>