

FAAC 400 CBAC EG

FAAC 400 Swing Gate Opener Instruction Manual

Model: 400 CBAC EG

Brand: FAAC

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the FAAC 400 Swing Gate Opener. Designed for a wide range of applications from residential to heavy industrial gates, this operator offers quiet operation, a key-protected manual release, and self-lubrication for extended life. It is capable of operating swing gates up to 16 feet long and weighing up to 1,300 lbs.

Please read this manual thoroughly before beginning installation or operation to ensure safe and efficient use of your gate opener.

2. SAFETY INFORMATION

Your safety and the safety of others are extremely important. This manual outlines important safety messages. Always read and obey all safety messages.

- **Read all instructions carefully:** Before installing, operating, or performing maintenance on the gate opener.
- **Electrical Safety:** Installation and wiring must be performed by qualified personnel in accordance with all local electrical codes. Disconnect power before servicing.
- **Pinch Points:** Keep hands, feet, and clothing clear of the gate and gate opener mechanism during operation.
- **Children and Pets:** Never allow children or pets to play near the gate or operate the controls.
- **Emergency Release:** Familiarize yourself with the manual release procedure in case of power failure or malfunction.
- **Regular Inspection:** Periodically check the gate opener for signs of wear, damage, or misalignment.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. The FAAC 400 Swing Gate Opener kit typically includes the following items:

- FAAC 400 Hydraulic Swing Gate Operator Arm
- Control Board/Circuit Board
- Control Box/Enclosure
- Two FAAC Photocells (Safety Sensors)

- Two Yuasa Batteries
- Two FAAC Remote Controls
- Mounting Hardware (various brackets, bolts, pins)
- Manual Release Key



Image: Overview of the FAAC 400 Swing Gate Opener kit components. This includes the long silver hydraulic arm, a green circuit board, two black rectangular safety sensors, two Yuasa batteries, two white remote controls, and a grey control box.

4. SETUP AND INSTALLATION

Installation of the FAAC 400 Swing Gate Opener requires careful attention to detail and adherence to safety guidelines. It is recommended that installation be performed by a professional installer.

4.1 Pre-Installation Checks

- Ensure the gate operates smoothly manually and is properly balanced.
- Verify adequate space for the operator arm's full range of motion.
- Confirm power supply availability at the installation site.

4.2 Mounting the Operator Arm

1. Attach the front mounting bracket to the gate post using appropriate fasteners.
2. Attach the rear mounting bracket to the gate frame.
3. Secure the FAAC 400 operator arm to both brackets, ensuring proper alignment and level positioning.

4.3 Electrical Connections

1. Mount the control box in a secure, weather-protected location near the gate.
2. Connect the main power supply to the control board, ensuring proper grounding.
3. Wire the operator arm motor to the designated terminals on the control board.
4. Connect the photocells and any other safety devices (e.g., safety edges) to the control board as per the wiring diagram.
5. Install the Yuasa batteries into the control box and connect them to the charging circuit.

4.4 Limit Switch Adjustment and Programming

1. Refer to the control board's specific programming instructions to set the open and close limits for the gate.
2. Program the remote controls to the system following the control board's pairing procedure.
3. Test all safety features, including photocells, to ensure they function correctly.

5. OPERATING INSTRUCTIONS

Once installed and programmed, operating your FAAC 400 Swing Gate Opener is straightforward.

5.1 Remote Control Operation

- Press the designated button on your remote control to open the gate.
- Press the button again to stop the gate during its travel.
- Pressing the button a third time will typically reverse the gate's direction.
- The gate will automatically close after a pre-set time delay, or upon activation of a safety device (e.g., vehicle loop detector).

5.2 Manual Release

In case of power failure or malfunction, the gate can be operated manually.

1. Locate the manual release mechanism on the operator arm.
2. Insert the provided key into the lock and turn it to disengage the motor.
3. The gate can now be pushed open or closed by hand.
4. To re-engage, reverse the key turning process and ensure the mechanism locks back into place.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your FAAC 400 Swing Gate Opener.

- **Monthly:** Inspect the gate and operator for any signs of wear, loose connections, or obstructions. Clean photocell lenses to ensure proper function.
- **Quarterly:** Check the gate hinges and rollers for smooth operation. Lubricate moving parts of the gate if necessary.
- **Annually:** Have a qualified technician inspect the hydraulic fluid level and overall system performance. The FAAC 400 is self-lubricating, but professional checks are recommended.
- **Battery Check:** Periodically check the Yuasa batteries for charge and condition, especially after power

outages.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your gate opener.

Problem	Possible Cause	Solution
Gate does not open/close	No power; Remote battery dead; Safety device activated; Manual release engaged.	Check power supply; Replace remote battery; Clear obstruction from safety sensors; Disengage manual release.
Gate opens partially	Obstruction; Limit switch misaligned; Low hydraulic fluid.	Remove obstruction; Re-adjust limit switches; Contact technician for fluid check.
Remote control not working	Dead battery; Out of range; Not programmed.	Replace battery; Move closer to gate; Re-program remote.
Gate reverses unexpectedly	Safety sensor activated; Obstruction detected.	Check and clean safety sensors; Inspect gate path for obstructions.

If the problem persists after attempting these solutions, please contact a qualified technician or FAAC customer support.

8. SPECIFICATIONS


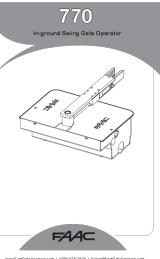



Feature	Specification
Model	FAAC 400 CBAC EG
Max Gate Length	16 feet (4.88 meters)
Max Gate Weight	1,300 lbs (590 kg)
Operation	Hydraulic
Key Features	Quiet operation, key protected manual release, self-lubricating
Package Dimensions	80 x 16 x 10 inches
ASIN	B06Y1LW7GL
Date First Available	August 31, 2017
Manufacturer	FAAC

9. WARRANTY AND SUPPORT

FAAC products are manufactured to high standards and come with a manufacturer's warranty covering defects in materials and workmanship. Specific warranty terms and duration may vary; please refer to the warranty card included with your product or visit the official FAAC website for detailed information.

For technical support, spare parts, or warranty claims, please contact FAAC customer service or your authorized FAAC dealer. Ensure you have your product model number and purchase date available when contacting support.

Related Documents - 400 CBAC EG

	<p>FAAC 400 Series Swing Gate Automation System: Installation and User Manual</p> <p>Comprehensive installation, safety, operation, and maintenance guide for the FAAC 400 series hydraulic automation systems designed for swing gates. Covers technical specifications, dimensions, installation procedures, safety instructions, manual operation, and troubleshooting.</p>
	<p>FAAC 770 In-Ground Swing Gate Operator: Installation, Control Board, and Maintenance Manual</p> <p>This manual provides comprehensive instructions for the FAAC 770 in-ground swing gate operator, covering installation, safety guidelines, the E024U control board, programming, maintenance, spare parts, and warranty. It details technical specifications and operational logic for automated vehicular swing gates.</p>
	<p>FAAC S418 Electromechanical Swing Gate Operator Installation and Operation Manual</p> <p>Comprehensive guide for the FAAC S418 Electromechanical Swing Gate Operator, covering installation, operation, maintenance, safety precautions, and technical specifications. Includes details on the E024U control board and accessories.</p>
	<p>FAAC S418 Swing Gate Operator - Installation and Operation Manual</p> <p>Comprehensive guide for the FAAC S418 electromechanical swing gate operator, covering installation, technical specifications, safety precautions, operation, maintenance, and control board details.</p>
	<p>FAAC 402 Hydraulic Swing Gate Operator - Installation, Operation, and Safety Manual</p> <p>Comprehensive guide for the FAAC 402 Hydraulic Swing Gate Operator, covering installation, operation, safety precautions, programming the 455D control board, maintenance, and troubleshooting. Includes technical specifications and spare parts.</p>



[FAAC 390 Articulated Arm Swing Gate Operator Manual](#)

Comprehensive installation, operation, and safety manual for the FAAC 390 Articulated Arm Swing Gate Operator. Includes technical specifications, electrical diagrams, programming details, and maintenance guidelines.