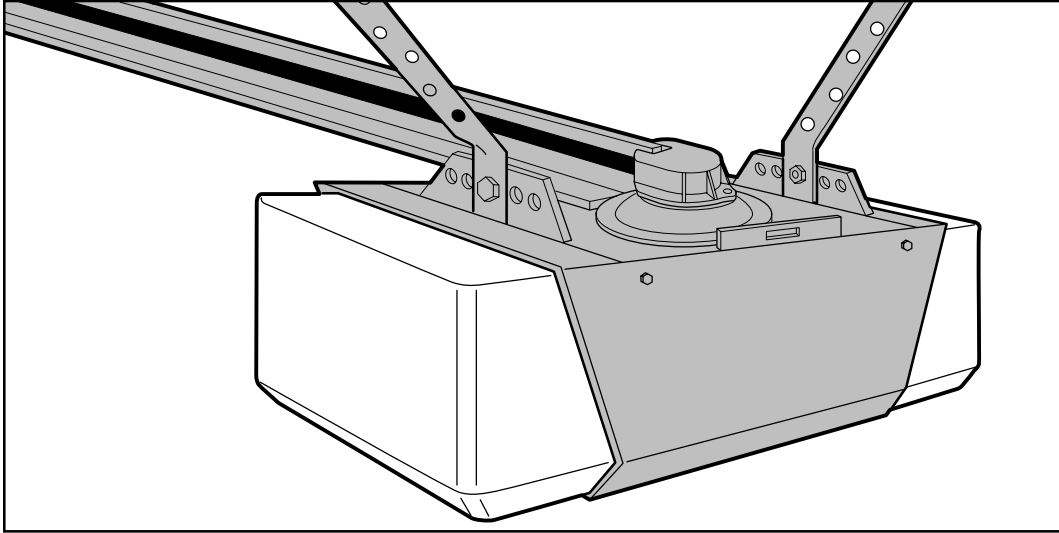


**Lift-Master™**

**PRO8000™**

PROFESSIONELL • PROFESSIONNEL • PROFESSIONAL



- |           |               |   |  |
|-----------|---------------|---|--|
| <b>D</b>  | Anleitungen   | – | Garagentoröffner Modell PRO8000                      |
| <b>F</b>  | Instructions  | – | Modèle PRO8000 de ouvre-porte de garage              |
| <b>GB</b> | Instructions  | – | Garage Door Operator Model PRO8000                   |
| <b>DK</b> | Instruktioner | – | Model PRO8000 Garageportsåbner                       |
| <b>E</b>  | Instrucciones | – | Abridor de la puerta de garage, Modelo PRO8000       |
| <b>GR</b> | Οδηγίες       | – | Μηχανισμός Ανοίγματος Γκαραζόπορτας, Μοντέλο PRO8000 |
| <b>I</b>  | Istruzioni    | – | Apriporta per garage Modello PRO8000                 |
| <b>N</b>  | Instruksjoner | – | Garasjeportåpner, Modell PRO8000                     |
| <b>NL</b> | Instructies   | – | Model PRO8000 Garagedeuropener                       |
| <b>P</b>  | Instruções    | – | Operador automático de porta – Modelo PRO8000        |
| <b>S</b>  | Instruktioner | – | Garageportöppnare Modell PRO8000                     |
| <b>SF</b> | Ohjeet        | – | Autotallin oven avaaja, Malli PRO8000                |



## START BY READING THESE IMPORTANT SAFETY RULES



These safety alert symbols mean **Caution** – a personal safety or property damage instruction. Read these instructions carefully.



This garage door opener is designed and tested to offer reasonable safe service provided it is installed and operated in strict accordance with the following safety rules.

Failure to comply with the following instructions may result in serious personal injury or property damage.

**Caution:** If your garage has no service entrance door, Model 1702E Outside Quick Release must be installed. This accessory allows manual operation of the garage door from outside in case of power failure.



**Keep garage door balanced.** Sticking or binding doors must be repaired. Garage doors, door springs, cables, pulleys, brackets and their hardware are under extreme tension and can cause serious personal injury. **Do not attempt to loosen, move or adjust them.** Call for garage door service.



**Handle tools and hardware carefully and do not wear rings, watches or loose clothing** while installing or servicing a garage door opener.



To avoid serious personal injury from entanglement, **remove all ropes connected to the garage door** before installing the door opener.



Installation and wiring must be in compliance with your local building and electrical codes. **Connect the power cord only to properly earthed mains.**



**Lightweight doors of fiberglass, aluminum or steel must be substantially reinforced to avoid door damage.** (See page 4.) The best solution is to check with your garage door manufacturer for an opener installation reinforcement kit.



**The safety reverse system test is very important.** Your garage door **MUST** reverse on contact with a 25mm (1") obstacle placed on the floor. Failure to properly adjust the opener may result in serious personal injury from a closing garage door. **Repeat the test once a month and make any needed adjustments.**



**Disengage all existing garage door locks** to avoid damage to garage door.



**The force, as measured on the closing edge of the door, should not exceed 150 N (15kg). If the closing force is adjusted to more than 150 N, the Protector System must be installed. Do not use the force adjustments to compensate for a binding or sticking garage door.** Excessive force will interfere with the proper operation of the Safety Reverse System or damage the garage door.



Fasten the **caution label** adjacent to the lighted door control button as a reminder of safe operating procedures.



Install the lighted door control button (or any additional push buttons) **in a location where the garage door is visible, but out of the reach of children. Do not allow children to operate push button(s) or remote control(s).** Serious personal injury from a closing garage door may result from misuse of the opener.



**Activate opener only when the door is in full view, free of obstructions and opener is properly adjusted. No one should enter or leave the garage while the door is in motion. Do not allow children to play near the door.**



Use manual release **only** to disengage the trolley and, if possible, **only** when the door is closed. **Do not use the red handle to pull the door open or closed.**



**Disconnect electric power to the garage door opener before making repairs or removing covers.**



**This unit should not be installed in a damp or wet space.**

1-CB

## CONTENTS

**Safety Rules:** Page 1

**Door Types:** Page 1 – Illustration **1**

**Tools Required:** Illustration **2**

**Hardware Provided:**

Page 1 – Illustration **3**

**BEFORE YOU BEGIN:** Page 2

**COMPLETED INSTALLATION:**

Page 2 – Illustration **4**

**ASSEMBLY:**

Page 2 – Illustrations **5**-**7**

**INSTALLATION:**

Pages 2-4 – Illustrations **8**-**17**

**PROGRAMMING THE CODE:**

Page 4–Illustration **18**

**ADJUSTMENT:**

Pages 4 - 5 – Illustrations **19**-**21**

**INSTALL THE PROTECTOR SYSTEM (Optional):**

Page 5 – Illustration **22**

**OPERATION OF YOUR OPENER:** Page 5

**CARE OF YOUR OPENER:** Page 5

**PROBLEMS:** Page 6

**MAINTENANCE OF YOUR OPENER:** Page 7

**SPECIAL FEATURES OF THE PRO8000:**

Page 7; Illustration **23**

**ACCESSORIES:**

Page 7; Illustration **24**

**SPECIFICATIONS:** Page 7

**REPLACEMENT PARTS:**

Illustrations **25**-**26**

## DOOR TYPES **1**

- A.** One-Piece Door with Horizontal Track Only
- B.** One-Piece Door with Horizontal and Vertical Track:  
Special door arm (**F, The Chamberlain Arm™**) required. See your dealer.
- C.** Sectional Door with Curved Track:  
See **17 B** – Connect Door Arm.
- D.** Double-wing door: Special door arm required. See your dealer.
- E.** Canopy door:  
Special door arm (**F, The Chamberlain Arm™**) required. See your dealer.

## HARDWARE PROVIDED **3**

- (1)** Washered Screws (4)
- (2)** Hex Screws (2)
- (3)** Clevis Pin (1)
- (4)** Carriage Bolts (2)
- (5)** Lag Screws (4)
- (6)** Screws (2)
- (7)** Clevis Pins (2)
- (8)** Hex Screws (2)
- (9)** Rope
- (10)** Handle
- (11)** Insulated Staples
- (12)** Anchors (2)
- (13)** Large Anchors (4)
- (14)** Lock Washers (4)
- (15)** Nuts (6)
- (16)** Ring Fasteners (3)
- (17)** Rail Grease

## BEFORE YOU BEGIN:

1. Look at the wall or ceiling above the garage door. The header bracket **must** be securely fastened to structural supports.
2. Do you have a finished ceiling in your garage? If so, a support bracket and additional fastening hardware (not supplied) may be required.
3. Depending on your door's construction, you might need a special door arm. See your dealer.
4. Do you have an access door in addition to the garage door? If not, Model 1702E Outside Quick Release Accessory is required.

## COMPLETED INSTALLATION 4

As you proceed with the assembly, installation and adjustment procedures in this manual, you may find it helpful to refer back to this illustration of a completed installation. (C-rail installation shown.)

- |                          |                                  |
|--------------------------|----------------------------------|
| (1) Belt Tension Bracket | (8) Light Lens                   |
| (2) Belt Idler Bracket   | (9) Manual Release Rope & Handle |
| (3) Trolley              | (10) Curved Door Arm             |
| (4) Rail                 | (11) Straight Door Arm           |
| (5) Hanging Bracket      | (12) Door Bracket & Plate        |
| (6) Power Cord           | (13) Header Bracket              |
| (7) Opener               | (14) Trolley Release Arm         |

## ASSEMBLY SECTION 5 - 7

**NOTE:** If you have a split rail, follow the directions in the rail package.

**IMPORTANT:** Leave the packing material around the trolley in place until Step 7.

### FASTEN THE RAIL TO THE OPENER 5

Place packing material under the opener to protect the opener cover. For convenience, place a support under the door end of rail.

- A. C-rail:** Remove the four washered screws (1) from the top of the opener.
- Place the two rail brackets (2) horizontally across the top of the opener, aligning the screw holes with those on the opener. Replace the screws loosely through the brackets into the opener.
- Slide the rail under the brackets as far forward as possible, until the round stop (3) on top of the rail rests against the nearest bracket. Tighten the four screws securely. **CAUTION: Use only these screws! Use of any other screws will cause serious damage to the door opener.**
- B. T-rail:** Remove two of the 4 washered screws (1) from the top of the opener. Align rail at an angle with the opener so one hole in rail and opener line up (2).
- Thread one of the washered screws part way in. **CAUTION: Use only these screws! Use of any other screws will cause serious damage to the door opener.**
- Align rail and styrofoam (3) over opener pulley. Cut tape.  
REMOVE STYROFOAM.

### ATTACH THE BELT AND BELT CAP RETAINER 6

- A. C-rail:** Slip the belt around the opener pulley (1). The pulley teeth must engage the belt.
- Position the belt cap retainer (2) over the pulley so the two holes in the cap align with the two holes in the mounting plate. Attach with hex screws (3).
- B. T-rail:** Slip the belt around the opener pulley (1). The pulley teeth must engage the belt.
- Insert the second washered screw.
- Position the belt cap retainer (2) over the pulley so the two holes in the cap align with the two holes in the mounting plate. Attach with hex screws (3).

## SET THE BELT TENSION 7

- A. C-rail:** Remove the packing material from the trolley and leave the trolley in place on the rail.

At the belt tension bracket (1), tighten the nut (2) with a wrench against the spring (3). As the nut travels, the spring will pull the tension bracket and the belt idler bracket (4) together. Tighten until the distance between the belt and the rail is approximately 20 mm. **Do not overtighten.**

- B. T-rail:** Insert the threaded shaft (2) through the hole in the trolley (1).

By hand, thread the spring trolley nut (3) on the threaded shaft until finger tight against trolley.

Insert a screwdriver tip (4) into one of the slots of the nut ring (7), and hold firmly.

Using an open end wrench (5) at the square end (6), slightly rotate the assembly clockwise until the nut ring (7) is released against the trolley, providing tension for the best operation of the opener.

**Remove "temporary stop" screwdriver.**

**NOTE:** During future maintenance, ALWAYS pull the manual release handle to disconnect trolley before adjusting belt.

**ASSEMBLY OF YOUR OPENER IS NOW COMPLETE.**

## INSTALLATION SECTION 8 - 17

*Wear protective goggles when working overhead to protect your eyes from injury.*

*Disengage all existing garage door locks to avoid damage to the garage door.*

*To avoid serious personal injury from entanglement, remove all ropes connected to the garage door before installing the opener.*

Installation of this product shall comply with ZH1/494, VDE 0700 Part 238, and VDE 0700 Part 1.

**It is recommended that the opener be installed 2,1m (7 feet) or more above the floor where space permits.**

### POSITION THE HEADER BRACKET 8

*The header bracket must be rigidly fastened to a structural support of the garage. Reinforce the wall or ceiling with a 40mm (1-1/2") board if necessary. Failure to comply may result in improper operation of safety reverse system.*

You can attach the header bracket either to the header wall (1) or to the ceiling (3). Follow the instructions which will work best for your particular requirements.

With the door closed, mark the vertical centerline (2) of the garage door. Extend line onto header wall above the door.

Open door to highest point of travel. Draw an intersecting horizontal line on header wall 5cm (2") above high point to provide travel clearance for top edge of door.

### INSTALL THE HEADER BRACKET 9

- A. Wall Mount:** Center the bracket (2) on the vertical guideline (1) with the bottom edge of the bracket on the horizontal line (6) (with the arrow pointing toward the ceiling).
- Mark either set of bracket holes (4 or 5). **Do not use the holes designated for ceiling mount.** Drill 4,5mm (3/16") pilot holes and fasten the bracket with wood screws (3).
- B. Ceiling Mount:** Extend vertical guideline (1) onto the ceiling. Center the bracket (2) on the vertical mark no more than 150mm (6") from the wall. Be sure the arrow is pointing toward the wall.
- Mark holes designated for ceiling mount only (4). Drill 4,5mm (3/16") pilot holes and fasten the bracket with wood screws (3). For concrete mount, use concrete anchors provided (7).

## ATTACH RAIL TO HEADER BRACKET 10

Position opener on garage floor below the header bracket. Use packing material to protect the cover.

**Note:** To enable the rail to clear sectional door springs, it may be necessary to lift opener onto a temporary support.

**The opener must either be secured to a support or held firmly in place by another person.**

Raise rail until rail brackets and header bracket come together. Join with clevis pin (1). Insert ring fastener (2) to secure.

## POSITION THE OPENER 11

**Note:** A 25mm (1") board (1) is convenient for setting an ideal door-to-rail distance (unless headroom is not sufficient).

Raise the opener onto a stepladder. Open garage door. Place a 25mm (1") board (1) laid flat on the top section of door near the centerline as shown. Rest the rail on the board.

**If the raised door hits the trolley, pull down on the trolley release arm to disconnect the trolley from the belt. The trolley can remain disconnected until connecting door arm to trolley is completed.**

## HANG THE OPENER 12

**The opener must be securely fastened to a structural support of the garage.**

Three representative installations are shown. Yours may be different. Hanging brackets (1) should be angled (Figure A) to provide rigid support. On finished ceilings, (Figure B) attach a sturdy metal bracket (not supplied) (4) to a structural support before installing the opener. For concrete ceiling mount, (Figure C), use concrete anchors (5) provided.

On each side of opener measure the distance from the opener to the structural support (or ceiling).

Cut both pieces of the hanging bracket to required lengths. Flatten one end of each bracket and bend or twist to fit the fastening angles. **Do not bend at the bracket holes.** Drill 4,5mm (3/16") pilot holes in the structural supports (or ceiling). Attach flattened ends of brackets to supports with wood screws (2).

Lift opener and fasten to hanging brackets with screw, lock washer and nut (3). **Check to make sure rail is centered over the door. REMOVE 25mm (1") board.** Operate door manually. If door hits the rail, raise header bracket.

## ATTACH MANUAL RELEASE ROPE & HANDLE 13

Thread one end of rope through hole in top of red handle so "NOTICE" reads right side up as shown (1). Secure with an overhand knot (2). Knot should be at least 25mm (1") from end of the rope to prevent slipping.

**A. C-rail:** Thread other end of rope through hole in release stop of plastic trolley (3), then through hole in metal release lever (4).

**B. T-rail:** Thread the other end of the rope through the hole in the release arm (3) of the outer trolley.

Adjust rope length so that handle is 1,8m above the floor. Secure with an overhand knot. If it is necessary to cut rope, heat seal cut end with a match or lighter to prevent fraying.

## CONNECT ELECTRIC POWER

**TO AVOID INSTALLATION DIFFICULTIES, DO NOT RUN THE GARAGE DOOR OPENER UNTIL INSTRUCTED TO DO SO.**

**Connect the opener to a mains which is properly EARTHED (and as specified by local code).**

**Connect the door opener only to an outlet controlled by a double pole switch.**

## INSTALL THE LIGHTED DOOR CONTROL BUTTON 14

**Locate push buttons where the garage door is visible, away from door and door hardware and out of the reach of children.**

**Serious personal injury from a moving garage door may result from misuse of opener. Do not allow children to operate the lighted door control button or remote control transmitter.**

**Fasten the caution label on the wall near the lighted door control button as a reminder of safe operating procedures.**

There are 2 screw terminals (1) on the back of the lighted door control button (2). Strip about 6mm (1/4") of insulation from bell wire (4). Separate wires enough to connect the white/red wire to terminal screw 1 and the white wire to terminal screw 2.

Fasten the lighted door control button to an inside garage wall with sheet metal screws (3) provided. Drill 4mm (5/32") holes and use anchors (6) if installing into drywall or concrete. A convenient place is beside the service door and **out of reach of children.**

Run the bell wire up the wall and across the ceiling to the garage door opener. Use insulated staples (5) to secure wire.

The receiver terminal screws (7) are located on the right side panel of the opener. Connect the bell wire to the screws as follows: white/red to 1 and white to 2. For 27 MHz models, make sure the antenna wire (8) is fully extended, at least 60cm (2 feet) away from existing wiring.

## OPERATION OF THE LIGHTED DOOR CONTROL BUTTON

Press to open or close the door. Press again to **reverse** the door during the **closing** cycle or to **stop** the door during **opening** cycle.

## INSTALL THE LIGHTS AND LENSES 15

Install a 40 watt maximum light bulb (bulbs not included) in each socket (1). The lights will turn on and remain lit for 4-1/2 minutes when power is connected. After 4-1/2 minutes they will turn off.

*Replaced burned out bulbs with rough service light bulbs.*

Apply slight pressure on the sides of each lens (2) and slide the tabs (3) into the slots (4) in the side panels. Reverse the procedure to remove the lenses. **For convenience, the lenses may be installed after Adjustment Step 21.**

## FASTEN DOOR BRACKET 16

*If yours is a canopy or dual-track style garage door, a door arm conversion kit is required. Follow the installation instructions included with the replacement door arm. Exercise care in removing and assembling arm conversion kit. Keep fingers away from the sliding parts.*

**NOTE:** Horizontal and vertical reinforcement is needed for lightweight garage doors.

### Sectional and One-Piece Door Installation Procedure:

Door bracket (1) has left and right side fastening holes. Assemble and install the bracket and plate (2) if your installation requires top and bottom fastening holes.

1. Center bracket (with or without plate, as required) at the top of inside face of door as shown. Mark holes.

#### 2. A. Wooden doors

Drill 8mm holes and fasten the door bracket with nut, lock washer, and carriage bolt (3).

#### B. Sheet metal doors

Fasten with sheet metal screws (4).

#### C. One-piece door optional

Fasten with sheet metal screws (4).

## ASSEMBLE DOOR ARM AND SET LIMITS 17

**NOTE:** For one piece doors, do not connect door arm to trolley before adjusting limits. Failure to follow instructions may result in damage to door. See below.

### A. ONE-PIECE DOOR INSTALLATION:

Connect straight door arm (1) and curved door arm sections (2) to obtain the longest possible length with hardware (3, 4, 5). With door closed, connect straight door arm section to door bracket with a clevis pin (6). Secure with a ring fastener (7).

**Before connecting door arm to trolley, adjust travel limits. Limit adjustment screws are located on side panel.**

**Open Door Adjustment: Decrease up limit.** Turn up limit adjustment screw counterclockwise 5-1/2 turns.

Press door control button. Trolley will travel to full open position (8). Manually raise door to open position (parallel to floor) and lift door arm (9) to trolley. The arm should touch trolley just in back of door arm connector hole (10) as shown in **solid line** drawing. Increase up limit if necessary. One full turn equals 5cm (2") of door travel.

**Closed Door Adjustment: Decrease down limit.** Turn down limit adjustment screw clockwise 5 complete turns.

Press door control button. Trolley will travel to full closed position (11). Manually close door and lift door arm (12) to trolley. The arm should touch trolley just ahead of door arm connector hole (13) as shown in **dotted line** drawing. Decrease down limit if necessary. One full turn equals 5cm (2") of door travel.

**Connect Door Arm to Trolley:** With door closed, connect curved arm to trolley with remaining clevis pin. Secure with ring fastener. **Note: Lift door slightly to make connection if necessary.**

Run opener through a complete travel cycle. If door has a slight "backward" slant in full open position, decrease up limits until door is parallel to floor.

### B. SECTIONAL DOOR INSTALLATION:

Connect according to Figure B, then proceed to Step 18.

## ADJUSTMENT SECTION 19 - 21

### LIMIT ADJUSTMENT 19

Run the opener through a **complete travel cycle**. Limit adjustments are not necessary when the door opens and closes completely and doesn't reverse unintentionally in the fully closed position.

Situations requiring limit adjustment are listed below. Run the opener through a **complete travel cycle after each adjustment**.

**Note: Repeated operation of the opener during adjustment procedures may cause motor to overheat and shut off. Allow a 15 minute cooling period after 5 continuous operations of the opener.**

**Read the following carefully before proceeding to Force Adjustment. Use a screwdriver to make limit adjustments.**

**If Door Doesn't Open Completely but Opens at Least 1,5m (5 feet):** Increase up travel. Turn the up limit adjustment screw (1) clockwise. One turn equals 5cm (2") of travel.

**If door does not open at least 1,5m (5 feet):** Adjust up (open) force. See Force Adjustment.

**If Door Doesn't Close Completely:** Increase down travel. Turn down limit adjustment screw (2) counterclockwise. One turn equals 5cm (2") of travel. If the door still will not close completely, lengthen the door arm. If it still will not close completely, lower the header bracket.

**If Opener Reverses in Fully Closed Position:** Decrease down travel. Turn down limit adjustment screw (2) clockwise. One turn equals 5cm (2") of travel.

**If Door Reverses when Closing and there is no Interference to Travel Cycle: Test door for binding.** Pull manual release handle. Manually open and close door. If door is binding, call a door serviceman. If door is not binding or unbalanced, adjust down (close) force.

4-GB

## PROGRAM YOUR OPENER & REMOTE 18

**Activate the opener only when door is in full view, free of obstruction and properly adjusted. No one should enter or leave garage while door is in motion. Do not allow children to operate push button(s) or remote(s). Do not allow children to play near the door.**

Your garage door opener receiver and remote control transmitter are set to a matching code. If you purchase additional remote controls, the garage door opener must be programmed to accept the new remote code.

### Program the Receiver to Match Additional Remote Control Codes

1. Press and hold the remote control push button (1).
2. Press and release the "Smart" button (2) on the opener panel. The opener light will flash once.
3. Release the remote push button.

Now the opener will operate when the remote control push button is pressed.

**If you release the remote control push button before the opener lights flash, the opener will not accept the code.**

### To Erase all Remote Control Codes

- Press and hold the "Smart" button on the opener panel until the indicator light turns off (about 6 seconds). **All the codes the opener has learned will be erased.**
- To reprogram, repeat Steps 1 – 3 for each remote control in use.

## FORCE ADJUSTMENT 20

*The force, as measured on the closing edge of the door, should not exceed 150 N (15kg). If the closing force is adjusted to more than 150 N, the Protector System must be installed.*

*Do not use force adjustments to compensate for a binding or sticking garage door. Excessive force will interfere with proper operation of safety reverse system or damage garage door.*

Force Adjustment Controls (1 & 2) are located on the right side panel of the opener.

If the force adjustments are set too light, door travel may be interrupted by nuisance reversals in **down** direction and stops in **up** direction. Weather conditions can affect the door movement, occasional adjustment may be needed.

Maximum force adjustment range is 260 degrees, about 3/4 of a complete turn. Do not force controls beyond that point. Turn force adjustment controls with a screwdriver.

**Test Down (Close) Force:** Grasp the door handle or door bottom when door is about halfway through **down (close) travel**. Door should reverse. *Reversal halfway through down travel does not guarantee reversal on a 25mm (one-inch) obstruction.* If the door is hard to hold or doesn't reverse, decrease **down (close) force** by turning the control (2) in a counterclockwise direction. Make small adjustments until door reverses normally. After each adjustment, run opener through a complete cycle.

**If Door Doesn't Open at Least 1,5m (5 feet):** Increase **up (open) force** by turning the control (1) in a clockwise direction. Make small adjustments until door opens completely. Re-adjust **up limit** if necessary. After each adjustment, run opener through a complete travel cycle.

**If Door Reverses During Down (Close) Cycle:** Increase **down (close) force** by turning the control (2) in a clockwise direction. Make small adjustments until door completes close cycle. After each adjustment, run the opener through a complete travel cycle.

**Do not increase the force beyond the minimum amount required to close the door.**

## TEST THE SAFETY REVERSE SYSTEM 21

*The safety reverse system test is important. Garage door must reverse on contact with a 25mm (1") obstacle laid flat on the floor. Failure to properly adjust opener may result in serious personal injury from a closing garage door. Repeat test once a month and adjust as needed.*

**Procedure:** Place a 25mm (1") obstacle (1) laid flat on the floor under the garage door. Operate the door in the **down** direction. The door **must** reverse on the obstruction. If the door **stops** on the obstruction, it is not traveling far enough in the **down** direction. Increase the **down** limit by turning **down** limit adjustment screw counterclockwise 1/4 turn. **Repeat test.**

When the door reverses on the 25mm (1") obstacle, remove the obstruction and run the opener through a complete travel cycle. Door **must not** reverse in closed position. If it does, adjust Limits and Force and repeat safety reverse test.

## INSTALL THE PROTECTOR SYSTEM 22 (See accessories)

*The force, as measured on the closing edge of the door, should not exceed 150 N (15kg). If the closing force is adjusted to more than 150 N, the Protector System must be installed.*

After opener has been installed and adjusted, **The Protector System™** accessory can be installed. Instructions are included with this accessory.

**The Protector System™** provides an additional measure of safety against a small child being caught under a garage door. It uses an invisible beam which, when broken by an obstruction, causes a closing door to open and prevents an open door from closing. **It is strongly recommended for homeowners with young children.**

## OPERATION OF YOUR OPENER

Your opener can be activated by any of the following devices:

- **The Lighted Door Control Button.** Hold the button down until door starts to move.
- **The Outside Keylock or Keyless Entry System** (if you have installed either of these accessories).
- **The Remote Control Transmitter.** Hold the push button down until the door starts to move.

### Opening the Door Manually:

**Door should be fully closed if possible. Weak or broken springs could allow an open door to fall rapidly. Property damage or serious personal injury could result.**

- A. C-rail:** The door can be opened manually by pulling the trolley release handle down. To reconnect the trolley, rotate the lever. It will reconnect on the next up or down operation.
- B. T-rail:** The door can be opened manually by pulling the trolley release handle down and back (toward the opener). To reconnect the trolley, pull the release handle straight down. It will reconnect on the next up or down operation.

**Do not use the manual release handle to pull the door open or closed.**

### When the Opener is Activated by Remote Control or Lighted Door Control Button:

1. If open, the door will close. If closed, the door will open.
2. If closing, the door will reverse.
3. If opening, the door will stop (allowing space for entry and exit of pets and for fresh air).
4. If the door has been stopped in a partially open position, it will close.
5. If an obstruction is encountered while closing, the door will reverse.
6. If an obstruction is encountered while opening, the door will stop.
7. The optional Protector System™ uses an invisible beam which, when broken by an obstruction, causes a closing door to open and prevents an open door from closing. It is **STRONGLY RECOMMENDED** for homeowners with young children.

Allow a 15 minute cooling period after 5 continuous operations of the opener.

**The opener light** will turn on: 1) when opener is initially plugged in; 2) when the power is interrupted; 3) when the opener is activated.

The light turns off automatically after 4-1/2 minutes. Bulb size is 40 Watts maximum.

## CARE OF YOUR OPENER

When properly installed, opener will provide high performance with a minimum of maintenance. The opener does not require additional lubrication.

**Limit and Force Adjustments:** These adjustments must be checked and properly set when opener is installed. Only a screwdriver is required. *Weather conditions may cause some minor changes in the door operation, requiring some re-adjustments, particularly during the first year of operation.*

Refer to the limit and force adjustments on pages 4 & 5. Follow the instructions carefully and **repeat the safety reverse test after any adjustment.**

**Remote Control Transmitter:** The portable remote control may be secured to a car sun visor with the clip provided. Additional remotes can be purchased at any time for use in all vehicles using garage. Refer to Accessories. The receiver must be programmed to operate with any new remote.

**Remote Control Battery:** The battery should produce power for at least one year. When the light becomes dim or does not come on, replace the battery. If transmission range lessens, check the battery test light.

**To Change Battery:** Slide battery door open. Replace battery. Do not dispose of the old battery with household waste. Take batteries to a proper disposal center.

## HAVING A PROBLEM?

### 1. Opener doesn't operate from either door control or remote:

- Does the opener have electric power? Plug lamp into outlet. If it doesn't light, check the fuse box or the circuit breaker. (Some outlets are controlled by a wall switch.)
- Have you disengaged all door locks? Review installation instruction warnings on page 1.
- Is there a build-up of ice or snow under door? The door may be frozen to ground. Remove any obstruction.
- The garage door spring may be broken. Have it replaced.
- Repeated operation may have tripped the overload protector in the motor. Wait 15 minutes. Try again.

### 2. Opener operates from remote but not from door control:

- Is door control button lit? If not, remove the bell wire from the opener terminals. Short the red and white terminals by touching both terminals at the same time with a piece of wire. If the opener runs, check for a faulty wire connection at the door control, a short under the staples, or a broken wire.
- Are wiring connections correct? Review page 3.

### 3. Door operates from door control but not from remote:

- Check the battery test light. Replace battery if necessary.
- If you have two or more remotes and only one operates, review receiver programming procedures on page 4.
- Is the door control button flashing? The opener receiver must re-learn the remote control code. Follow the instructions on page 4.

### 4. Remote has short range:

- Is battery installed? Check battery test light. If the light is dim, change the battery.
- Change the location of the remote control on the car.
- A metal garage door, foil-backed insulation or metal siding will reduce the transmission range.
- Make sure antenna is fully extended across ceiling towards the door.
- Use co-axial antenna adapter to move antenna. See Step 23.
- Switch to an alternate frequency by replacing receiver logic board and transmitter.

### 5. Door reverses for no apparent reason and opener lights don't blink:

- Is something obstructing the door? Pull manual release handle. Operate door manually. If it is unbalanced or binding, call for professional garage door service.
- Clear any ice or snow from garage floor area where garage door closes.
- Review Force Adjustment.
- If door reverses in **FULLY CLOSED** position, decrease travel limits.

### Repeat safety reverse test after adjustment is complete.

*The need for occasional adjustment of the force and limit settings is normal. Weather conditions in particular can affect door travel.*

### 6. Door reverses for no apparent reason and opener lights blink for 5 seconds after reversing:

Check The Protector System™ (if you have installed this accessory). If the light is blinking, correct alignment.

### 7. Opener noise is disturbing in living quarters of home:

If operational noise is a problem because of proximity of the opener to the living quarters, Vibration Isolator Kit 89LM can be installed. This kit was designed to reduce the "sounding board effect" and is easy to install.

### 8. The garage door opens and closes by itself:

- Is there a neighbor with a garage door opener using the same frequency code? Change your code.
- Make sure remote push button is not stuck "on".

### 9. Door stops but doesn't close completely:

Review Travel Limits Adjustment.

### Repeat safety reverse test after any adjustment of door arm length, close force or down limit.

### 10. Door opens but won't close:

- Check The Protector System™ (if you have installed this accessory). If the light is blinking, correct alignment.
- If opener lights do not blink and it is a new installation, check the down force.

### Repeat the safety reverse test after the adjustment is complete.

### 11. Opener light does not turn on:

Replace light bulb (40 Watts maximum). Replace burned out bulbs with *rough service* light bulbs.

### 12. Opener light does not turn off:

There may be a defective earth at the ceiling or wall receptacle. **The unit must be earthed.**

### 13. Opener strains or maximum force is needed to activate door:

Door may be unbalanced or springs are broken. Close door and use manual release rope and handle to disconnect trolley. Open and close door manually. A properly balanced door will stay in any point of travel while being supported entirely by its springs. If it does not, call for professional garage door service to correct the problem. **Do not increase the force to operate the opener.**

### 14. Opener motor hums briefly, then won't work:

- Garage door springs are broken. **SEE ABOVE.**
- If problem occurs on first operation of opener, door may be locked. **Disable door lock.**

### 15. Opener won't activate due to power failure:

- *C-rail*: Pull manual release handle straight down to disconnect trolley. Door can be opened and closed manually. Rotate lever to reconnect trolley. *T-rail*: Pull manual release handle down and back (toward opener) to disconnect trolley. When power is restored, pull handle straight down.

The next time the opener is activated, the trolley will reconnect.

- The Outside Quick Release accessory 1702E (if fitted) disconnects the trolley from outside the garage in case of power failure.

## MAINTENANCE OF YOUR OPENER

### Once a Month:

- **Repeat safety reverse test.** Make any necessary adjustments.
- **Manually operate door.** If it is unbalanced or binding, call for professional garage door service.
- **Check to be sure door opens and closes fully.** Adjust Limits and/or Force if necessary.

### Once a Year:

**Oil door rollers, bearings and hinges.** The opener does not require additional lubrication. Do not grease the door tracks.

## ACCESSORIES 24 (Continued)

### WIRING INSTRUCTIONS FOR ACCESSORIES

- Lighted Push Button:** To opener terminals: Red-1 and White-2.  
**Outside Keylock:** To opener terminals: Red-1 and White-2.  
**Protector System™:** To opener terminals: White-2 and Black-3.  
**Door Control Panel:** To opener terminals: Red-1 and White-2.

## REPLACEMENT PARTS 25 - 26

7-GB

## SPECIAL FEATURES OF THE PRO8000 23

### A. Door within a door connection

Remove cover. Locate auxiliary terminal block. Remove jumper from terminal leads 1 and 2 (not shown). Replace with contact switch leads as shown.

### B. Flashing light connection

The flashing light can be installed anywhere. Connect light leads to terminals 3 and 4 on the terminal block.

### C. Coaxial antenna adapter

A coaxial antenna connection can be used if the transmitter range is too short. Cut off the existing antenna. Use standard coax cable and connector. Strip off end of insulation to "X" dimension.

418/433 MHz: X = 250mm    27 MHz: X = 2,44m  
 Reposition antenna.

## SPECIFICATIONS

Rated Pull Force.....800N

### Motor

Type.....Permanent split capacitor  
 Speed.....1500 rpm  
 Volts.....230-240 Volts 50Hz only  
 Current.....2,0 amperes

### Drive Mechanism

Length of Travel.....Adjustable to 3.5m (11.5 feet)  
 (with 3m rail)  
 Travel Rate.....18cm (7.1 inches) per second  
 Lamp.....2 x 40 W, on when door starts, off 4-1/2  
 minutes after stop. Bulbs not included.  
 Door Linkage.....Adjustable door arm. Pull cord trolley  
 release.

### Safety

Personal.....Push button and automatic reversal in **down**  
 direction. Push button and automatic stop in  
**up** direction.  
 Electronic.....Independent **up** and **down** force adjustment  
 screws.  
 Electrical.....Low voltage push button wiring.  
 Limit Adjustment.....Screwdriver adjustment on side panel.  
 Start Circuit.....Low voltage push button circuit.

### Dimensions

Length (Overall).....3,20m (10.6 feet) (with standard rail)  
 Headroom Required.....40mm (1.5 inches)  
 Hanging Weight.....14,5 kg (32 lb)

### Receiver

Memory Registers.....12  
 Code Switch Memory.....1  
 Keypad Code Memory.....1

## ACCESSORIES 24

8000-27 8000-418 8000-433

- |                          |                   |       |  |
|--------------------------|-------------------|-------|--|
| (1) Models 750E          | 4180E             | 4330E | Single-Function Remote Control                         |
| (2) Model 751E           |                   |       | Single-Function Remote Control<br>(with code switches) |
| (3) Models 752E          | 4182E             | 4332E | 2-Function Remote Control<br>(with 1 code switch)      |
| (4) Models               | 4183E             | 4333E | 3-Function Remote Control                              |
| (5) Model 754E           |                   |       | 4-Function Remote Control<br>(with 1 code switch)      |
| (6) Models               | 4185E             | 4335E | 3-Function Mini Remote Control                         |
| (7) Models 727E          | 787E              | 747E  | Wireless Keyless Entry Keypad                          |
| <hr/>                    |                   |       |  |
| (8) Model 58LM.....      |                   |       | Multi-Function Door<br>Control Panel                   |
| (9) Model 75LM.....      |                   |       | Lighted Door Control Button                            |
| (10) Model 760E.....     |                   |       | Outside Keylock  |
| (11) Model 1702E.....    |                   |       | Outside Quick Release                                  |
| (12) Model 770E.....     |                   |       | The Protector System™                                  |
| (13) Model 1703E.....    |                   |       | The Chamberlain Arm™                                   |
| (14) Model FLA230.....   |                   |       | Flashing Light Kit                                     |
| (15) Model 16200LM.....  |                   |       | Pedestrian Door Switch                                 |
| (16) Model MDL100LM..... |                   |       | Mechanical Door Latch Kit                              |
| (17) Model EQL01.....    |                   |       | Door Handle Quick Release                              |
| (18) Model 100027.....   |                   |       | 1-Position Key Switch<br>(Flush Mount - 100010)        |
|                          | Model 100041..... |       | 2-Position Key Switch<br>(Flush Mount - 100034)        |

### Declaration of Conformity


Automatic Garage Door Opener.....Model PRO8000  
 is in conformity to the  
 applicable sections of Standards.....EN55014, EN61000-3,  
 ETS 300 683,  
 EN60555, & EN60335-1  
 per the provisions & all amendments  
 of the EU Directives.....73/23/EEC, 89/336/EEC

### Declaration of Incorporation

**Automatic Garage Door Opener Model PRO8000, when installed and maintained according to all the Manufacturer's instructions in combination with a Garage Door, which has also been installed and maintained according to all the Manufacturer's instructions, meet the provisions of EU Directive 89/392/EEC and all amendments.**

*I, the undersigned, hereby declare that the equipment specified above and any accessory listed in the manual conforms to the above Directives and Standards.*

Chamberlain GmbH  
 D-66793 Saarwellingen  
 March, 1999

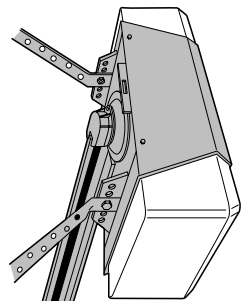
  
 Colin B. Willmott  
 Cheffingenieur



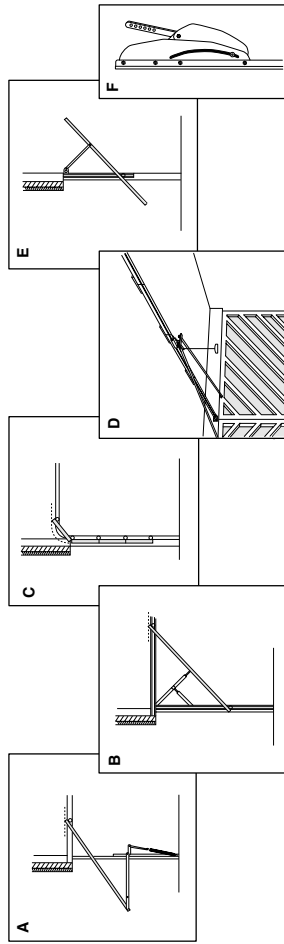
- 1 Abblückeren
- 2 Figures
- 3 Illustrations
- 4 Ilustraciones
- 5 Σχήμα
- 6 Illustrazioni
- 7 Atbeeldingen
- 8 Figuras
- 9 Bild.
- 10 Kuvat

- Garagentüröffner Modell PRO8000
- Modèle PRO8000 de ouvre-porte de garage
- Garage Door Operator Model PRO8000
- Model PRO8000 Garageoprislåner
- Ανορθωτής Ανορθωτήρας Γραματόμοτορας, Μοτέρ Λο PRO8000
- Appriatore per garage Modello PRO8000
- Model PRO8000 Garageopener
- Garasjopnirer, Model PRO8000
- Operador automático de porta, Modelo PRO8000
- Garageoprijnare Model PRO8000
- Autotallin oven avaaja, Malli PRO8000

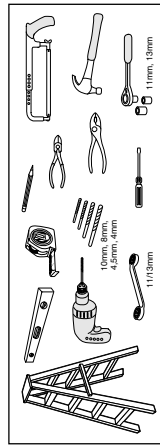
**LIFT-Master**  
PRO8000™  
PROFESSIONELL · PROFESSIONNEL · PROFESSIONAL



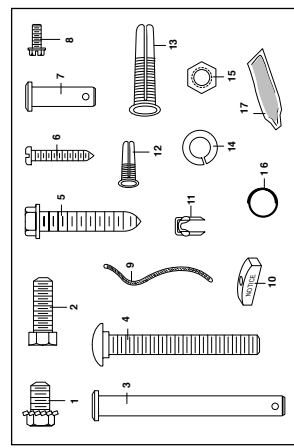
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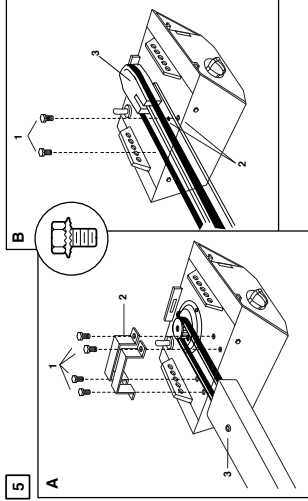
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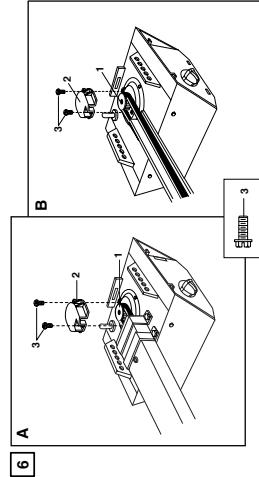
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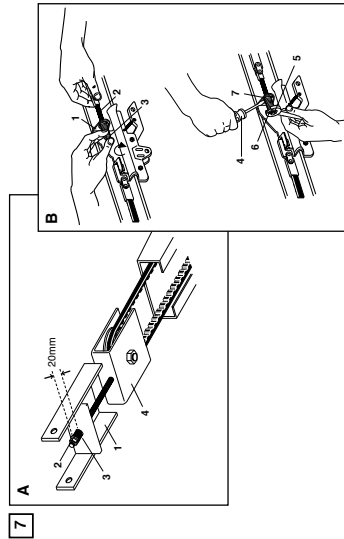
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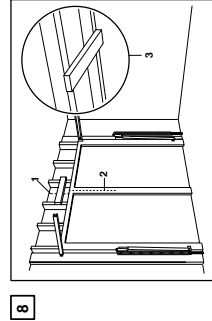
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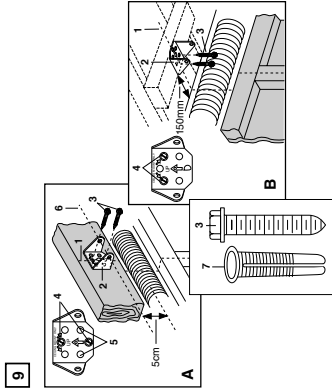
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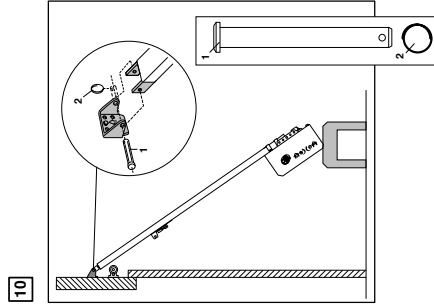
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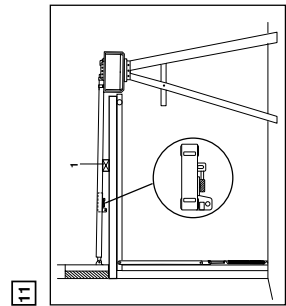
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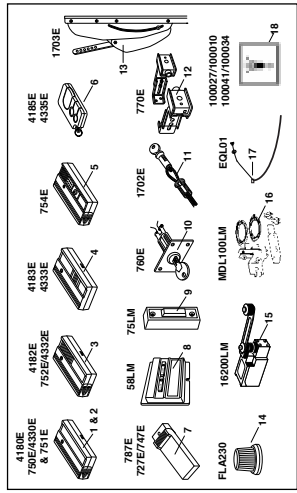


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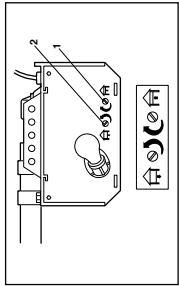


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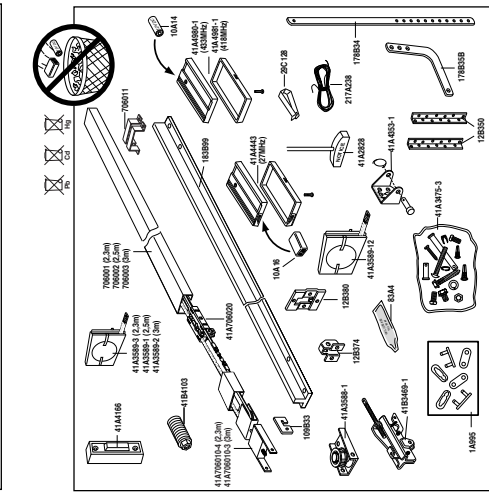




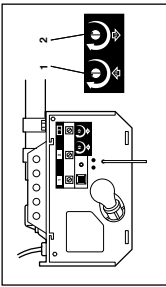
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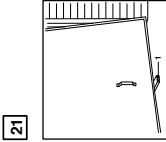
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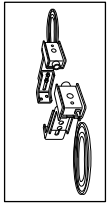
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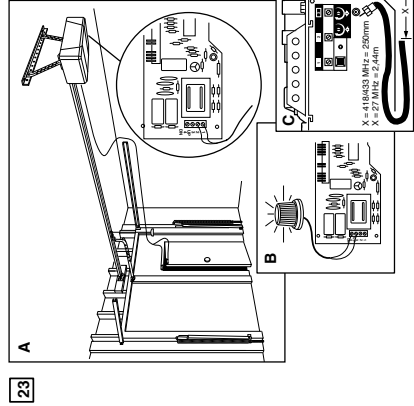
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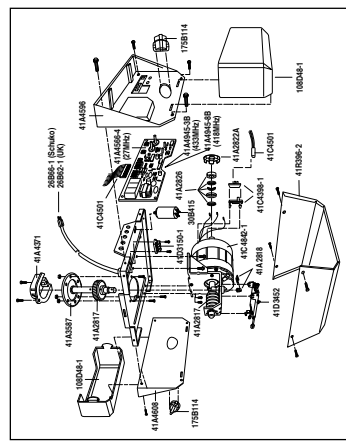
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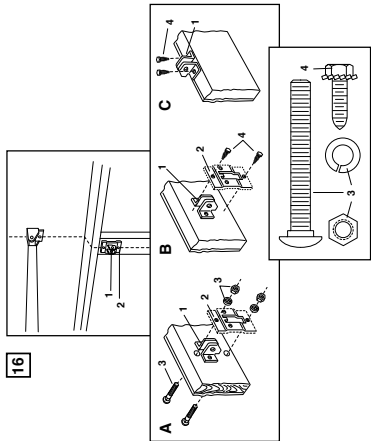
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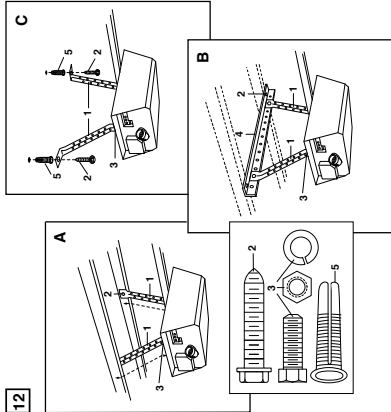
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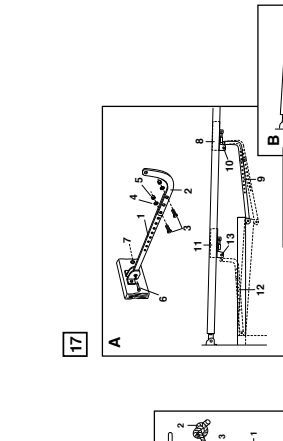
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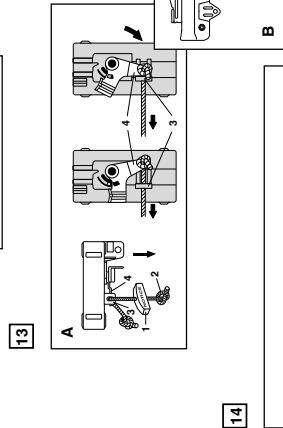
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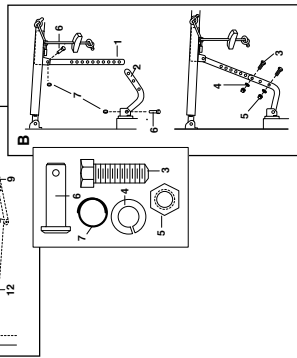
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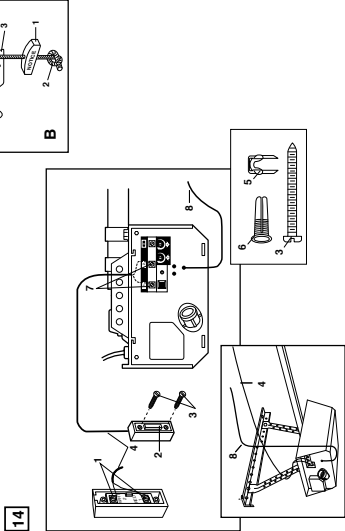
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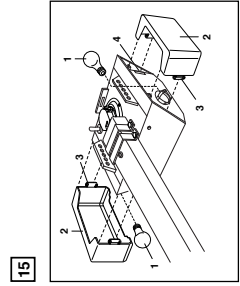
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