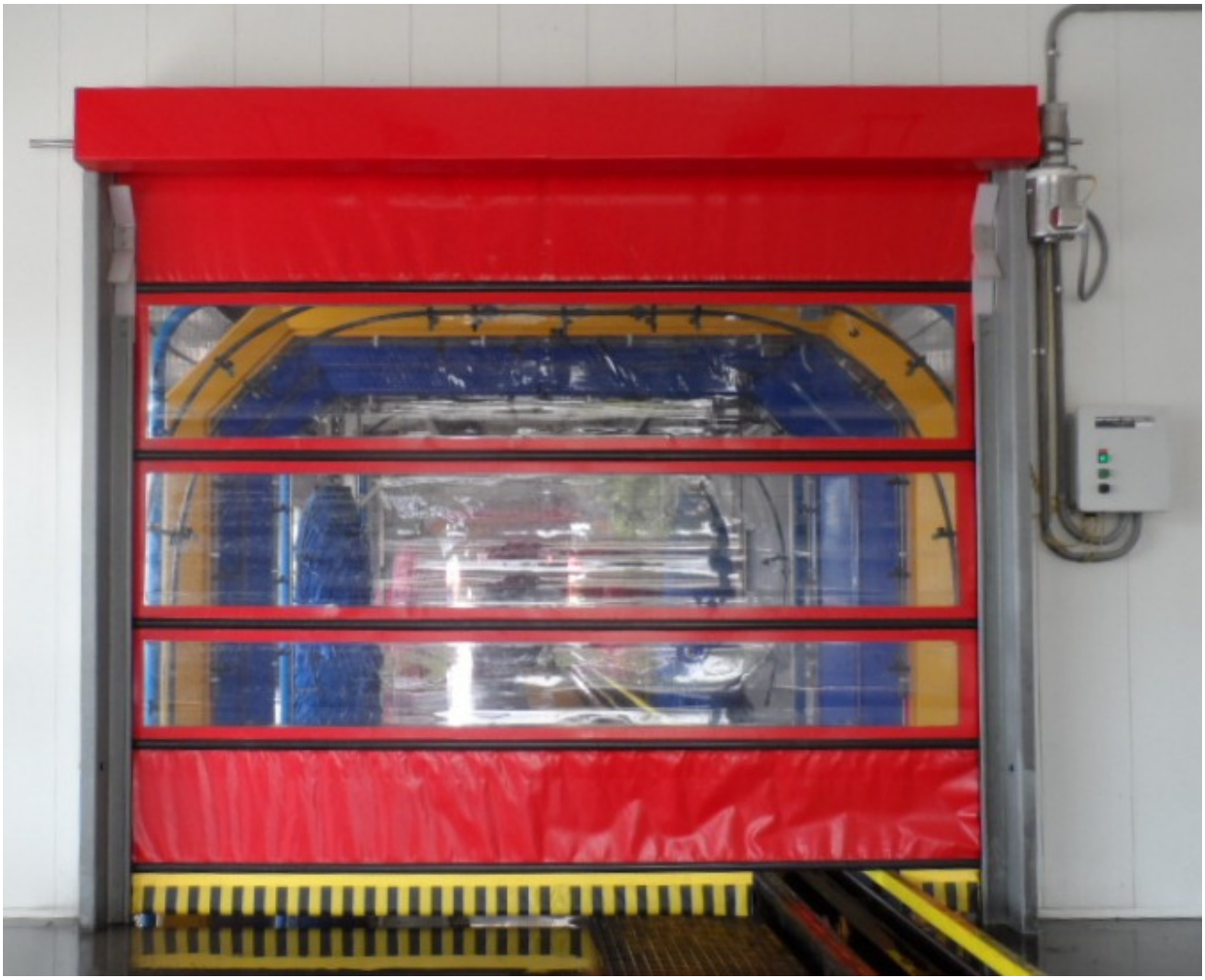
BayWatch
CAR WASH DOOR SOLUTIONS

BayFlex Vinyl Door Standard Operators



Installation Manual and Maintenance Guide

BayWatch Warranty

The BayWatch High-Performance Door purchased by you (Buyer) should not be installed or operated before you read all associated product manuals explaining the proper method of installing, operating, and maintaining the equipment.

BayWatch Enterprises (Seller) warrants that the BayWatch High-Performance Door (Product) sold to the Buyer will be free of defects in materials and workmanship under normal use for a period of twelve (12) months from the date of shipment of the Product from the Seller's plant. Electrical components are warranted for a period of twelve (12) months from the date of shipment. If within the applicable period any Products shall be proved to the Seller's satisfaction to be defective, such Products shall be repaired or replaced at the Seller's option. Such repair or replacement shall be the Seller's sole obligation and the Buyer's exclusive remedy hereunder and shall be conditioned upon the Seller receiving written notice of any alleged defect within ten (10) days after its discovery and, at the Seller's option, return of such Product to the Seller, f.o.b. its factory. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER REPRESENTATION AND WARRANTIES, EXPRESS OR IMPLIED, AND THE SELLER EXPRESSLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

PARTS AND ASSEMBLIES sold separately by BayWatch Enterprises that fail due to defects in material or workmanship within ninety (90) days from the date of shipment will be replaced under warranty provided installation has been carried out in accordance with all BayWatch procedures. This warranty is limited to providing a replacement part only. This warranty does not cover freight, special charges, or any costs associated with the installation of the replacement part.

Any description of the Product, whether in writing or made orally by the Seller or the Seller's agents, specifications, samples, models, bulletins, drawings, diagrams, engineering or similar materials used in connection with the Buyer's order, are for the sole purpose of identifying the Product and shall not be construed as an express warranty. Any suggestions by the Seller or the Seller's agents regarding the use, application, or suitability of the Product shall not be construed as an express warranty unless confirmed to be such in writing by the Seller.

The Seller's liability with respect to the Product sold to the Buyer shall be limited to the warranty provided herein. THE SELLER SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW, WITH RESPECT TO PRODUCTS SOLD OR SERVICES RENDERED BY THE SELLER, OR ANY UNDERTAKINGS, ACTS, OR OMISSIONS RELATING THERETO. Without limiting the generality of the foregoing, the Seller specifically disclaims any liability for property or personal injury damages, penalties, special or punitive damages, damages for lost profits or revenues, services, downtime, shutdown, or slowdown costs, or for any other types of economic loss, and for claims of the Buyer's customers or any third party for any such damages. THE SELLER SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, INCIDENTAL, AND CONTINGENT DAMAGES WHATSOEVER.

This warranty shall be void in its entirety if the failure of any product shall be caused by any installation, operation, or maintenance of the Product which does not conform with the requirements set forth by the Seller in the applicable product manuals or is the result of any cause other than a defect in the material or workmanship of the Product.

INTRODUCTION

The information contained in this manual will allow you to install your BayWatch BayFlex Door in a manner that will ensure maximum life and trouble-free operation.

Any unauthorized changes to these procedures, or failure to follow the steps as outlined, will automatically void the warranty. Any changes to the working parts, assemblies, or specifications as written, which are not authorized by BayWatch Enterprises, will also cancel the warranty. The responsibility for the successful operation and performance of this door lies with the owner.

DO NOT INSTALL, OPERATE, OR PERFORM MAINTENANCE ON THIS DOOR UNTIL YOU READ AND UNDERSTAND ALL THE INSTRUCTIONS IN THIS MANUAL.

If you have any questions, contact your BayWatch representative or call the BayWatch Customer Support Department at 888.235.0800. Always refer to the serial number of the door when calling your representative or Customer Support. The location of the serial number is on the left side of the head assembly.

HOW TO USE MANUAL

Throughout this manual, the following key words are used to alert the reader to potentially hazardous situations, or situations where additional information to successfully perform the procedure is presented:

⚠ WARNING

WARNING is used to indicate the potential for personal injury, if the procedure is not performed as described.

⚠ CAUTION

CAUTION is used to indicate the potential for damage to the product or property damage, if the procedure is not followed as described.

IMPORTANT: IMPORTANT is used to relay information that is CRITICAL to the successful completion of the procedure.

NOTE: NOTE is used to provide additional information to aid in the performance of the procedure or operation of the door, but not necessarily safety related.

SAFETY

MECHANICAL

- This is a breakaway self-repairable door. Upon impact, the door panel will pop out of the side column guide(s) and automatically reset.
- This is an automatic door. No work of any sort should be done while the power supply is on. Electrical shock can cause serious injury or death.

ELECTRICAL

- When working with electrical or electronic controls make sure that the power source has been locked out and tagged according to OSHA regulations and approved local electrical codes.
- Qualified electricians must do all electrical wiring. Wiring must meet all local, state, and federal codes.
- Please note that the electrical requirements are as follows:
    - **208V/230 single phase with neutral and ground – 15 amp breaker required.**

INSTALLATION

MATERIAL, TOOLS, AND EQUIPMENT

1. Threaded rod (3/8-in. and *½-in* diameter) and other various wall anchor hardware and material. Concrete anchor bolts (*½-in* diameter). (See "ANCHORING METHODS" on page 3.)

NOTE: *Each side column is anchored to the wall in two places, using 3/8-in. diameter anchor hardware. The header frame is anchored to the wall using ½-in diameter anchor hardware; anchor points are pre-determined from the factory.*

2. Assorted shim stock.
3. Steel fish tape.
4. Double-sided tape (for attaching shims to wall).
5. Carpenter's level (4-ft. minimum length).
6. Carpenter's square.
7. Hammer drill.
8. Masonry drill bits (for *½-in* and 3/8-in. diameter anchors).
9. Hammer or mallet, and block of wood.
10. Crowbar or pry bar.

11. Assorted hand tools (pliers, tape measure, etc.).
12. Socket and wrench sets.
13. Water level, line level, or transit.
14. Two ladders (taller than height of door opening).
15. Forklift (see "Forklift Requirements" on page 2).

ADDITIONAL REQUIREMENTS

Labor and Site Requirements

1. Two installers.
2. An electrician is required for making all electrical connections.
3. Unlimited accessibility to the door opening during the entire installation process. No traffic should be allowed to pass through the opening while the door is being installed.

Forklift Requirements

A forklift supplied by the customer, dealer, or installer is mandatory for the safe and proper installation of this door. The forklift should have:

- 2000-pound lift capacity
- Minimum height ability — door height plus 12 in.
- Side-shift capability (desired)

Electrician's Responsibilities

For complete details on the responsibilities of the electrician, refer to the wiring diagram and manual that were shipped with the control drive.

GENERAL ARRANGEMENT OF DOOR COMPONENTS

Figure 2 shows the location of the major components of the door and the general placement of the associated sub-assemblies for a typical installation.

NOTE: These illustrations are for informational purposes only. They should not be relied upon solely during the installation of your door and its sub-assemblies.

IMPORTANT: The surface of the wall on which the door is to be installed must be free of any obstructions. Also, any existing door framing on the wall should be removed or the side panels will require shimming before installing.

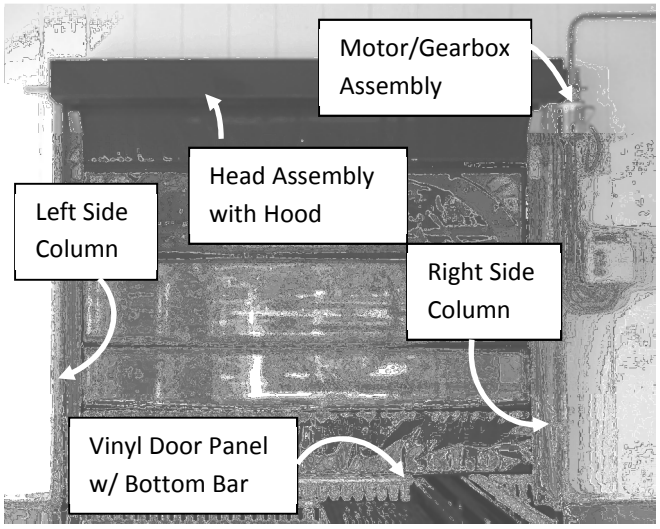


Fig. 2

NOTE: Figure 2 shows the front of the door. Left and right are determined when viewing the front of the door.

ANCHORING METHODS

Correct anchoring of the side columns and head assembly to the wall is important for the smooth and safe operation of the door. The wall material should be strong enough to support the weight of the door assembly and all wall anchors.

All necessary anchoring hardware and material required for the installation of this door are the responsibility of the door owner. If you have any questions, call your BayWatch representative or the BayWatch Customer Support Department at 1.888.235.0800.

NOTE: Use ½-in. diameter threaded through bolts or threaded rods to anchor the door to all wall applications. Use ½-in. diameter concrete anchor bolts to anchor the door to a concrete floor. For most applications, 3/8-in. diameter anchors may be used for mounting the jamb and header frame to the wall.

If expansion anchors are used, a quarterly inspection should be implemented for safe and secure door operation.

LOCATING SIDE COLUMNS

1. Locate the layout drawing of the door. It should be attached to the small parts carton. This drawing identifies the production width of your door.
2. Using the centerline as a reference point, lay out and mark half of the door's production width along the floor. (See Figure 3)

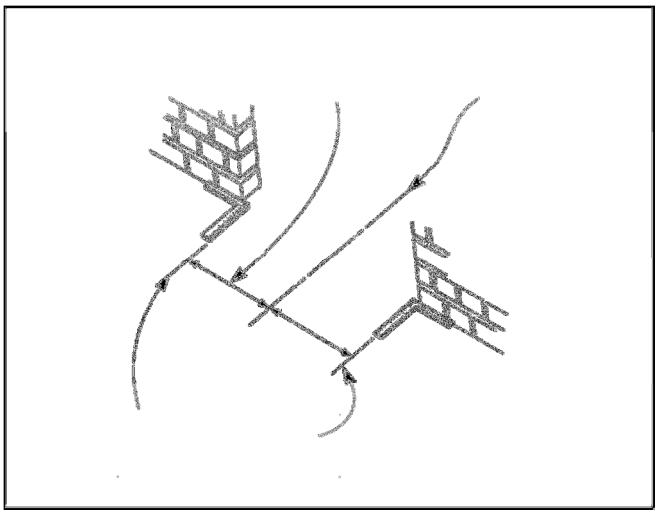


Fig. 3

3. With a carpenter's square placed against the wall, mark both sides of the door along the floor. Extend the line along each edge.
4. Check that the floor is level across the door opening. The floor must be level within 0.12 in. (3 mm) from side to side. If one side of the opening is higher than the other, a shim under the side column will be required.

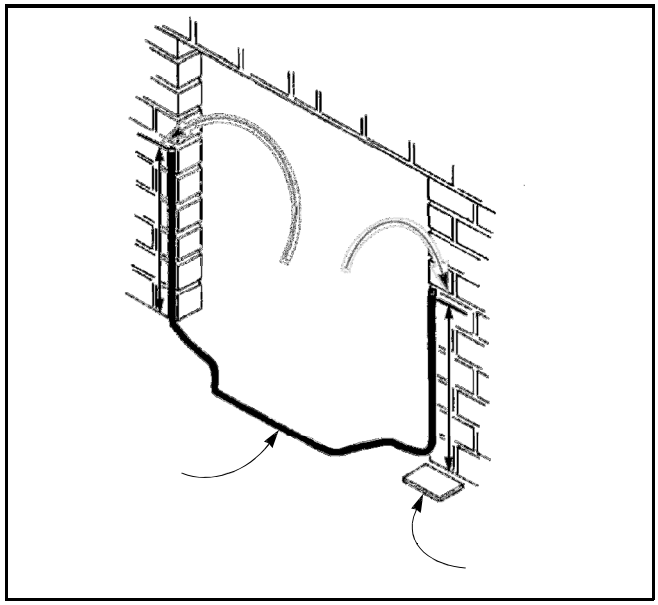


Fig. 4

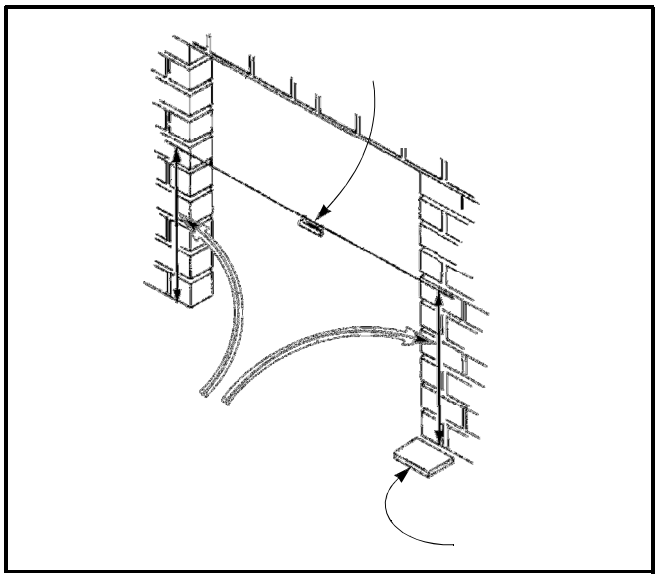


Fig. 5

Figure 4 and Figure 5 show two recommended methods that can be used to ensure a level side column installation.

NOTE: Contact the BayWatch Customer Support Department if the floor is more than 1 in. out of level.

5. Use a plumb bob or carpenter's level to check the wall for plumb in the areas where the side columns are to be mounted. Also, inspect the wall for any obstructions.

   If the wall is not plumb, use shims. If you find an obstruction, remove it or shim the column to avoid the obstruction.

SIDE COLUMNS AND HEAD ASSEMBLY

The side column is manufactured at the factory to ease the installation of the anchor points, photo eyes, and routing of the wires and cables.

1. Remove the right side column from the shipping crate.

IMPORTANT: It is critical that the side columns are mounted square and plumb with the wall and level across the door opening. Using a 4-ft. level and carpenter's square will help ensure the columns are correctly set. Place shims where necessary.

In addition, the use of bar clamps will allow you to temporarily secure the columns to the wall, while allowing you to make slight adjustments during the installation process.

⚠ WARNING

Before drilling any holes, ensure there are no electrical wires, water pipes, gas lines, etc., buried in the floor or hidden in the wall.

2. Stand the right side column on the floor. Place it against the wall and align it flush with the wall jamb.
3. Once the side column is set plumb and square, bar clamp it to the wall.
4. Anchor the wall bracket. DO NOT tighten the anchors securely at this time — they will be tightened later on, after the head assembly is installed. (See Figure 6)
5. Anchor the floor angle bracket. DO NOT tighten the anchors at securely this time — they will be tightened later on, after the head assembly is installed. (See #16 in Figure 7)

IMPORTANT: Use ½-in. expansion shell or stud-type anchors for concrete walls. Use through bolts or threaded rods for brick walls and other applications where expansion anchors are not appropriate.

If a stud-type anchor is used for the bottom anchor, the anchor must not extend more than 1 ½ in. above the base plate of the side column.

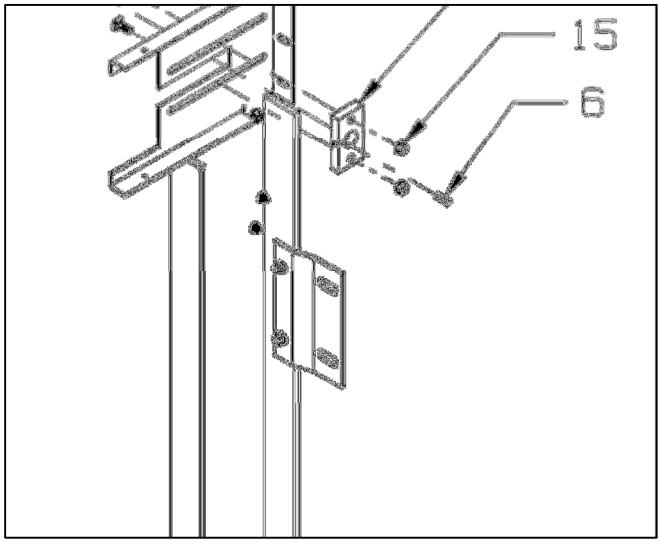


Fig. 6

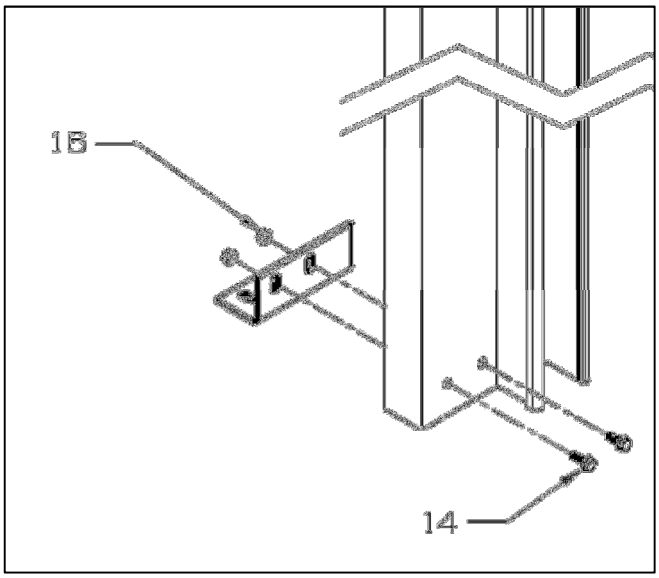


Fig. 7

6. Repeat steps 1 through 5 for right column installation.
7. Compare the diagonal measurements and the upper and lower horizontal measurements across the columns. The columns are square and parallel when the diagonal measurements are equal and the horizontal measurements are equal.
8. Install bearing brackets to right and left side columns.

   NOTE: Bearing brackets mount outside track assembly. (See #4 in Figure 8)

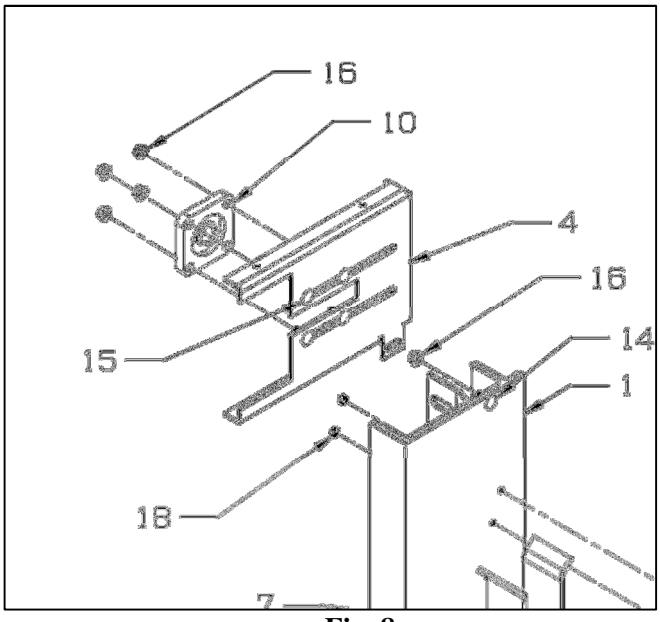


Fig. 8

9. With a torpedo level, plum bracket and anchor to wall surface.
10. Secure the drum panel assembly to a forklift or other suitable lifting device.

11. Lift and slide the shaft of the drum roll panel assembly into the bearing brackets.
12. Slide 1-in. motor-side neoprene spacer onto motor-side shaft. Slide bearing onto motor-side shaft. Insert bearing bolts and finger tighten. When drum is completely aligned and proper spacing is achieved, tighten securely.
13. Slide 3/8-in. neoprene spacer onto drum shaft at opposite end of motor. (See #8 in Figure 9). Then slide shaft mounting block onto shaft. Finger tighten shaft mounting block set bolts. (See #14 in Figure 9). Securely tighten upon alignment completion.

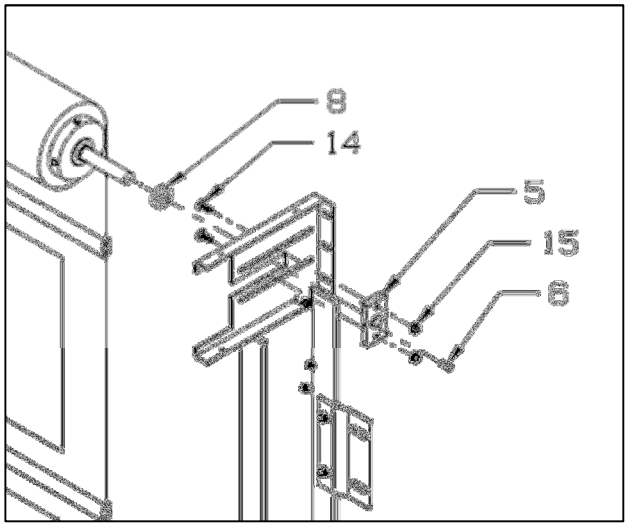


Fig. 9

BALANCED DRUM ASSEMBLY

1. After drum is properly spaced for wall clearance and track alignment, securely tighten bearing bolts and shaft mounting block bolts.
2. Align keyway and shaft and shaft mount block, and then insert key and secure with set screw.
3. With curtain strap still in place, insert winding bars into winding cone and turn drum five (5) full turns up towards ceiling and wall above door opening.
4. Remove curtain straps and pull curtain down into track channel.

MOTOR ASSEMBLY INSTALLATION

1. Slide motor assembly onto motor-side shaft. Align motor torque arm with slotted holes in bearing bracket. (See #16 in Figure 10). Insert torque-arm bolts and secure.
2. Align keyhole in gearbox and shaft. Insert ¼" motor key and secure with shaft collar. (See Keyway - #7, and Shaft Collar - #18 in Figure 10)

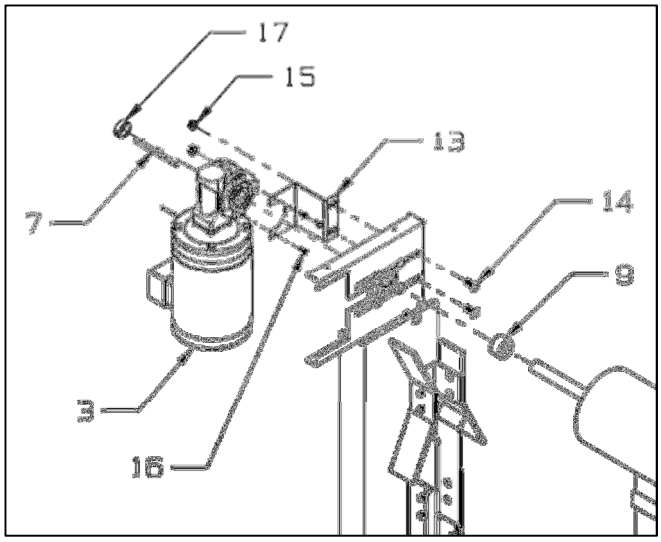


Fig. 10

MOTOR WIRING TERMINATIONS

Run conduit from BayWatch control box to motor termination box. Pull three (3) #12 stranded voltage wires and one (1) ground wire through conduit.

NOTE: Motor wires terminate to the low voltage diagram on motor plate.

Motor Wiring Diagram
Terminate motor wires #4, #5 and #6 together
Terminate motor wires #1 and #7 to voltage wire line 1
Terminate motor wires #2 and #8 to voltage wire line 2
Terminate motor wires #3 and #9 to voltage wire line 3
Terminate ground wire to brass screw in motor termination box

MOTOR WIRE TERMINATIONS IN BAYWATCH CONTROL BOX

Voltage line 1 to terminal “U”
Voltage line 2 to terminal “V”
Voltage line 3 to terminal “W”
Ground wire to grounding terminal

CIRCUIT WIRING INTO BAYWATCH CONTROL BOX

1. Mount control box onto wall beside door column on motor side of drum. Install 4’ above finish floor.
2. Run conduit from main circuit breaker panel to BayWatch control box.
3. Pull four (4) #12 stranded wires from 15 amp – 2 pole circuit breaker to BayWatch control box.
4. Terminate as follows: (See Figure 11)
    - White wire from breaker panel neutral bar to terminal “N” in BayWatch control panel
    - Green wire from breaker panel ground bar to terminal “PE”
    - Voltage line 1 from breaker panel to terminal line 1
    - Voltage line 2 from breaker panel to terminal line 2

SENSOR INSTALLATION DETAILS

SAFETY REVERSING PHOTO EYES

Your door is equipped with two photo eyes mounted on the front of the door. The purpose of these photo eyes is to hold the door open or, if the door is closing, reverse the door to the open position if a vehicle, person, or any object is in the path of the photo eye beam.

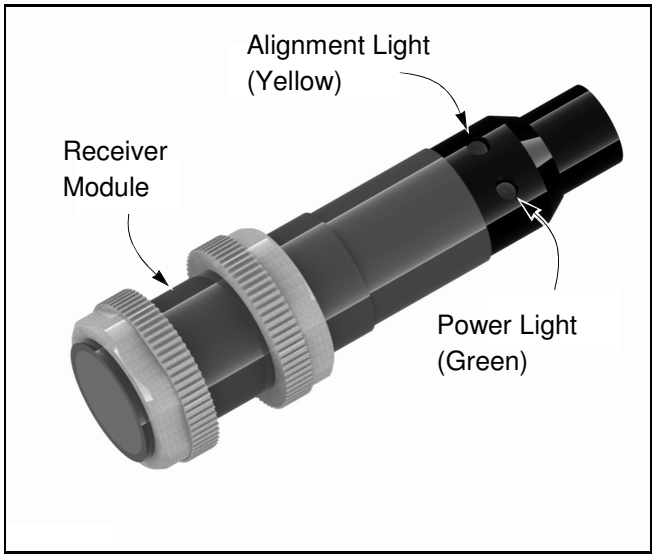


Fig. 12

Both the emitter and receiver photo eyes have a green LED (light-emitting diode) built into them. When power is applied to the photo eyes, the green LED light will illuminate indicating that they are working. The receiver also has a yellow LED. Once the photo eyes are in alignment, the yellow light will turn on. (See Figure 12)

1. Loosen the screws on the emitter socket bracket and adjust the photo eye so that it is square to the mounting bracket assembly or side column. Tighten the screw when this is achieved.
2. Loosen the screw on the receiver socket bracket and adjust the photo eye until the yellow LED illuminates. (See Figure 13)

NOTE: The door will not operate until the photo eyes are in alignment.

The Safety Sensor consists of an emitter and receiver.

Emitter: The emitter is installed on the side column opposite the motor and gear assembly. The side column is predrilled for proper installation height.

A four (4) wire, ten (10) meter cable is supplied for emitter installation. ***Only two wires are used for emitter installation.***

1. The brown wire from the emitter terminates at any red terminal labeled “L+” on the low voltage wiring terminal strip in BayWatch Operator Control Panel. (See Fig. xx).
2. The blue wire terminates at any blue terminal labeled “M”.

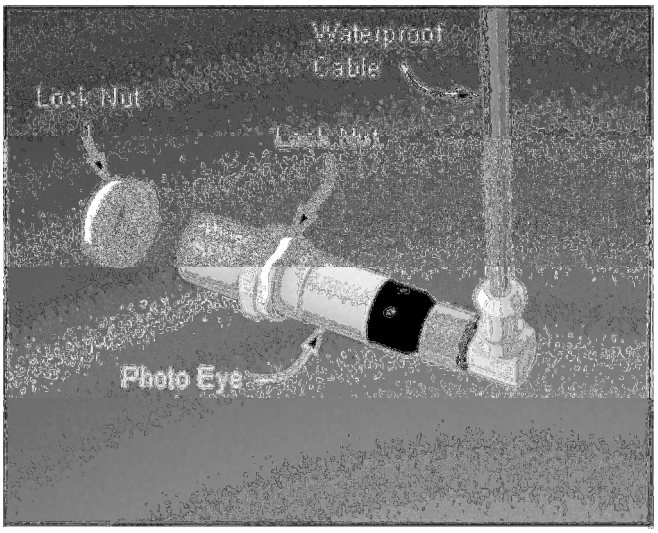


Fig. 13

Receiver: The receiver is installed on the side column under the motor and gear assembly. The side column is pre-drilled for proper installation height.

A five (5) meter cable is supplied for receiver installation. ***All four wires are used for receiver installation***.

1. Brown and white wire are twisted together and terminated at any red terminal labeled “L+” on the low voltage wiring terminal strip.
2. Blue wire terminates at any blue terminal labeled “M”.
3. Black wire terminates at the terminal labeled “PE” for photo eye.

NOTE: To ensure proper waterproof seal at all sensor wiring connectors, silicone should be applied to all sensor threads during installation.

ENCODER SENSORS

Motors are manufactured with two (2) Pre-installed encoders. Five (5) meter cables are supplied for each sensor. Install sensor cables and route down side column into BayWatch Control Box.

Terminate as follows:

1. Brown wire from sensor cable to any red terminal labeled “L+”.
2. Blue wire from sensor cable to any blue terminal labeled “M”
3. Black wire from sensor cable to terminal labeled “Encoder 1”. Repeat process for second encoder. Terminate second black wire to “Encoder 2”.

HOMING PROX

Homing prox is installed at the bottom of the side column under the motor and gear assembly. Column is pre-drilled with a slotted hole to allow for bottom limit fine adjustment. Homing prox senses a magnetic disc located on the bottom wind rib of the curtain. Adjust the homing prox up or down to obtain proper bottom seal.

A five (5) meter cable is supplied for homing sensor. Install sensor cable and route up column into BayWatch Control Box.

Terminate as follows:

1. Brown wire from sensor cable to any red terminal labeled “L+”.
2. Blue wire from sensor cable to any blue terminal labeled “M”
3. Black wire from sensor cable to terminal labeled “Homing Prox”.

DRUM COVER INSTALLATION

Plastic cover is pre-drilled with slotted holes for easy installation. Align slotted holes with tapped holes in bearing bracket and insert six (6) pan head cover screws. Tighten securely, but do not over-tighten, to prevent cracking of drum cover.

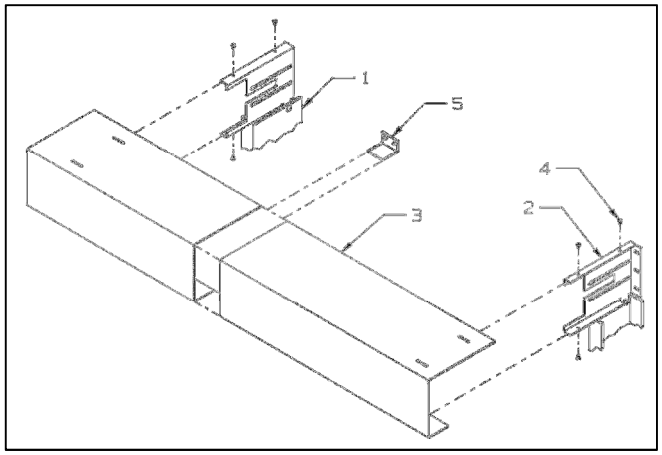


Fig. 14

OPERATOR START-UP PROCEDURES

Verify all sensor inputs for proper start-up status.

INPUT CHART			
Sensor Name	**Status at Start-Up**	**Input #**	**Wire Color**
Encoder #1	On or Off	X-0	Black
Encoder #2	On or Off	X-1	Brown
Open PB	Off	X-4	Orange
Close PB	Off	X-5	Yellow
Stop PB	On	X-6	Green
Safety Photo Eye	On	X-3	White
Homing Prox	Off	X-2	Grey

Fig. 15

1. Manually pull the curtain down to fully closed position and verify that the homing prox turns on (check input X-2 is on).
2. Roll balanced curtain back to around half-way open position.
3. Install key into the gear and secure with the set collar.
4. Verify the motor direct by pressing the close button. If the door travels down, it will stop at the homing prox. If the door travels up, turn the power off and swap any two motor leads in the main control cabinet to correct the travel direction.

Note: The encoder must count in the correct direction for proper operation. The green power light will flash when the door is travelling down, if the encoder is counting in the correct direction. If light does not flash, reverse the black input wires on encoder #1 & #2.

To set the final door height, start with the door in the closed position.

1. Verify the homing prox is activated, and then depress the stop push button and open push button at the same time. Continue to hold both buttons and the door will start to travel up at a slow speed.
2. When the door reaches the desired height, release the buttons and that will set the open limit height.
3. To verify safety reversing features, press the close button. With the door travelling down, block the photo eye beam. The door should reverse to the set door open limit.

PLANNED MAINTENANCE

RECOMMENDED SCHEDULE

NOTE: The following maintenance schedule is recommended for the BayWatch Cycle-Plus maintenance program.

	Daily	Quarterly
Visual Damage Inspection		
Check Door Operation		
Photo Eye Inspection		
Hardware Inspection		
Wall Anchor Inspection		
Fabric Inspection		
Weather Seal Inspection		
Bottom Bar Inspection		
Electrical Connection Inspection		
Lubrication		
Drum Cover Anchors		

Fig. 16

DAILY INSPECTION

Visual Damage Inspection

Visually inspect the door to see that components have not been damaged. Example: bent bottom bar assembly, torn fabric panel, damage to side columns, etc. (See Figure 41)

Head Assembly: Inspect for dents or damage that may prevent the door from opening or closing properly.

Door Panel: Inspect panel for holes, tears, and worn areas. If equipped with windows, inspect them for damage or dirt that may impair vision — clean or replace as required.
Side Columns: Inspect for damage that may prevent the door from operating properly.
Photo Eyes: Inspect the lens of each photo eye for damage or dirt that may prevent the photo eyes from working properly — clean or replace as required.

Bottom Bar: Inspect the bottom bar for damaged, missing, or loose hardware. Inspect the yellow vinyl seal along the lower edge of the bottom bar for tears and holes. Inspect the edge itself.

Check Door Operation

Run the door through four or five complete cycles to verify that the door is operating smoothly and efficiently, and that binding or unusual noises do not exist. DO NOT continue to operate the door if it is not running properly, as this could compound the damage.

Photo Eye Inspection

NOTE: Photo eyes act as a safety device to pre- vent the door from closing if an object or person is within either photo eye beam. The photo eyes are not meant to be used as door activators.

Once power is applied, green lights on the photo eye emitter and receiver indicate that the modules are powered up. When the yellow light on the receiver module is also lit, the emitter and receiver are properly aligned.

Placing your hand in front of the receiver breaks the light path and causes the yellow light to go out. Removing your hand causes the yellow light to come back on. (See Figure 21)

MISCELLANEOUS

PANEL CLEANING

With all adjustments to the door complete, clean both sides of each panel with a general household surface cleaner using a clean, soft cloth.

PHOTO EYES

Operation

Your BayWatch BayFlex Door is equipped with a pair of photo eyes for monitoring the front side of the door, an emitter module and a receiver module. The purpose of these photo eyes is to hold the door open or, if the door is closing, reverse the direction of the door if a per- son or object breaks the beam of light between the photo eyes. After the obstruction breaking the beam of light is removed:

- If the door was originally opened by an automatic activator, the door will close automatically.
- If the door was originally opened by a non-automatic activator, the door will remain open until it is closed by the non-automatic activator.

NOTE: The photo eyes are not intended to be used as a door activator and will not open the door when it is closed.

FINAL CHECKS

NOTE: Check the following door systems and components after the door panel has been cycled at least 20 times.

Head Assembly: Check that all mounting hardware is in place and tight.

Side Columns: Check that the side columns are plumb and square and that all anchor bolts are tightly secured.
Photo Eyes: Check that the photo eyes operate as described in “PHOTO EYES” on page 24 on this page.

Activators: Check to see that the activators operate as specified by the manufacturer.

Open and Close Limits: Check open and close limits. See “DOOR LIMITS” on page 10 on this page.

Caulk: Ensure that all edges of the jamb and header frames and pullouts are sealed where they meet the wall of the building. Use a high-quality caulk rated for the environment in which the door is installed, as required.

PARTS LIST

PARTS ORDERING INFORMATION

How to Order Parts

1. Identify the parts required by referring to the following pages for part numbers and part descriptions.
2. To place an order, contact your local BayWatch representative or the BayWatch Customer Support Department at: 1.888.235.0800 or 1-303-400-3467 (fax).
3. To ensure the correct parts are shipped, please include the serial number of your door with the order.

   *NOTE: Your **DOOR SERIAL NUMBER** information can be found halfway up the left side column. (See Figure 17)*

IMPORTANT: When installing multiple doors of the same model but in different sizes, verify the serial number in the control panel with the one in the side column.

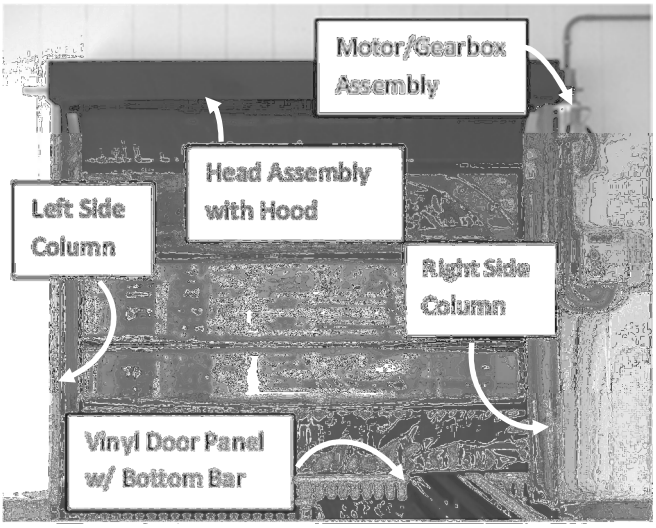


Fig. 17

Substitute Parts

Due to special engineering and product enhancement, the actual parts used on your door may be different from those shown in this manual.

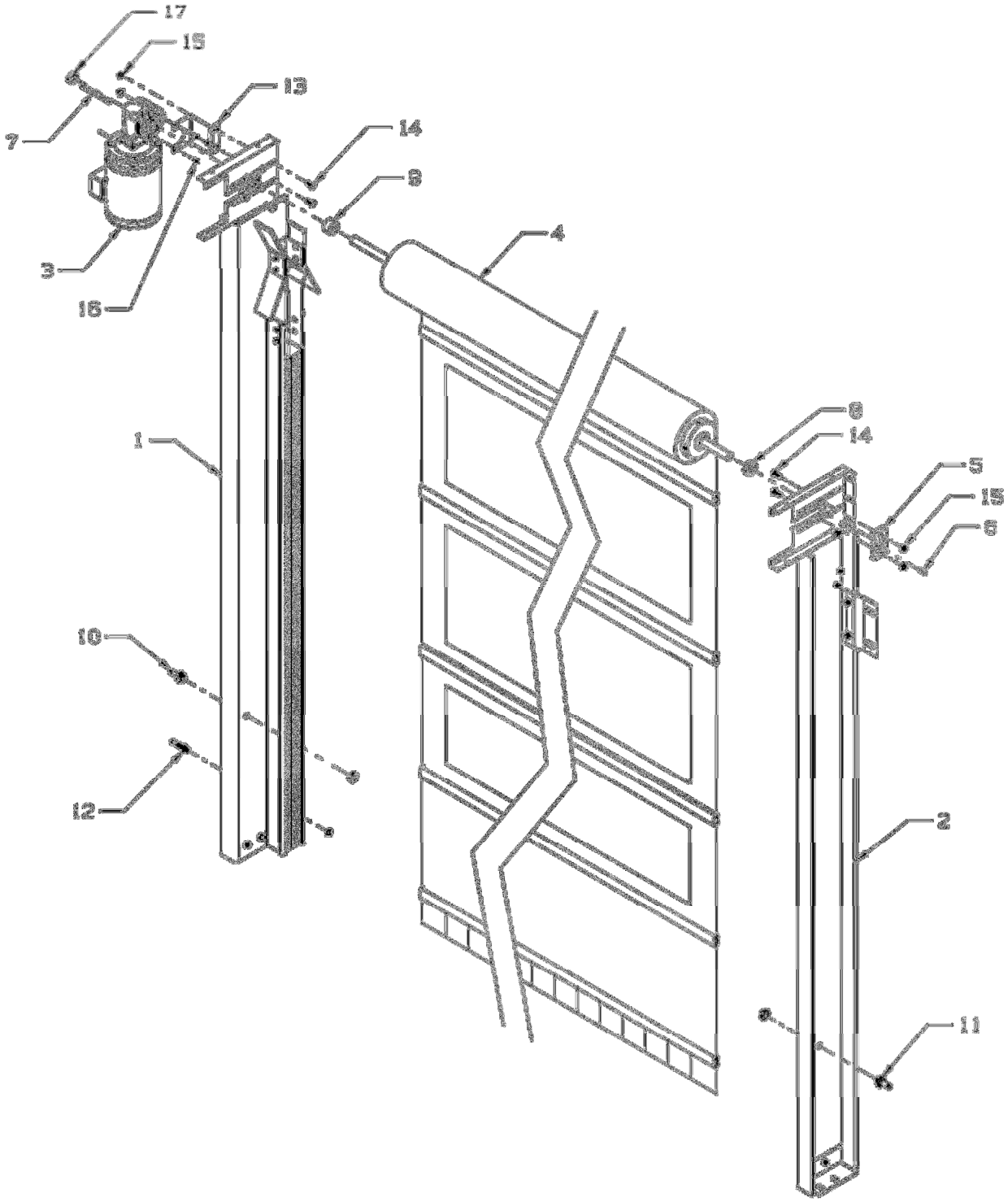
Also, if a part has been improved in design and bears a revised part number, the improved part will be substituted for the part ordered.

Return of Parts

BayWatch will not accept the return of any parts unless they are accompanied by a Return Merchandise Authorization (RMA) form.

Before returning any parts, you must first contact the BayWatch Customer Support Department to obtain authorization and an RMA form.

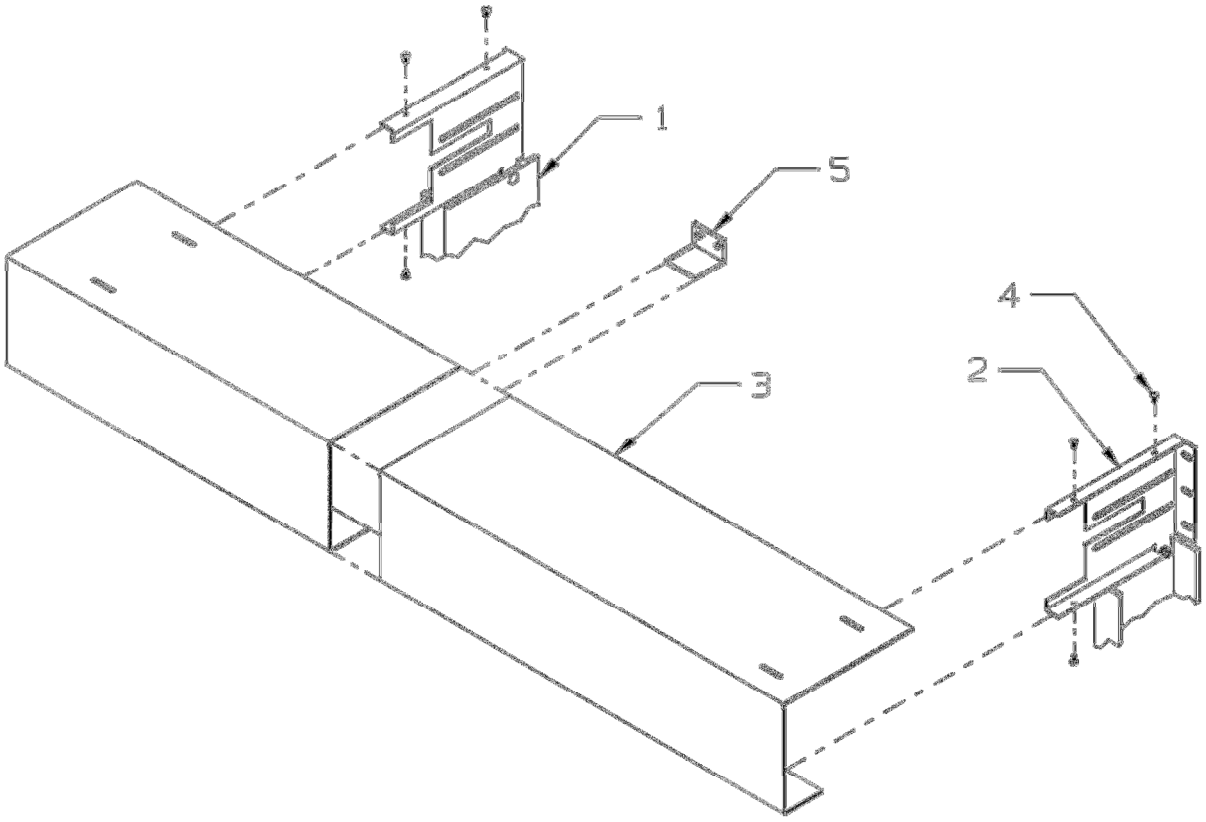
DOOR ASSEMBLY



PART LIST - DOOR ASSEMBLY

ITEM	PART #	DESCRIPTION	QTY.
1		SIDE COLUMN ASSY RH	1
2		SIDE COLUMN ASSY LH	1
3		MOTOR ASSY	1
4		DOOR ASSY	1
5		SHAFT MOUNTING BLOCK	1
6		KEY, SHAFT MOUNT	1
7		KEY, MOTOR MOUNT	1
8		3/8" LEFT SIDE SPACER	1
9		1" MOTOR SIDE SPACER	1
10		PHOTO EYE, RECEIVER	1
11		PHOTO EYE, EMITTER	1
12		INDUCTIVE PROXIMITY SENSOR	1
13		MOTOR TORQUE ARM	1
14		3/8-16 x 1-1/2 ROUND HEAD SQUARE NECK SCREW, STAINLESS STEEL	4
15		3/8-16 HEX SERRATED FLANGE LOCK NUT, STAINLESS STEEL	4
16		M6 x 1 - 12mm HEX HEAD MACHINE SCREW STAINLESS STEEL	3
17		1" DIA SHAFT COLLAR	1

DRUM COVER INSTALLATION



PART LIST - DRUM COVER INSTALLATION

ITEM	PART #	DESCRIPTION	QTY.
1		SIDE COLUMN ASSY RH	1
2		SIDE COLUMN ASSY LH	1
3		DRUM COVER	1
4		1/4-20x0.5 PHILLIPS PAN HEAD MACHINE SCREW, STAINLESS STEEL	6
5		COVER HOLD CENTER BRACKET	1

Leeson Drive Parameters
For BayWatch Standard Vinyl Doors

Parameter #	Function	Value
4	**Stop Method**	0.4
5	**Speed Source,** Preset	0.2
6	Relay Output Function: **Fault**	0.3
10	TB13A Input, **Run Reverse**	0.6
11	TB13B Input, **Preset Speed 2**	0.4
17	**Rotation**, Forward @ Reverse	0.2
19	**Acceleration**, 1 second from 0-60Hz	0.7
20	**Deceleration**, 1 second from 0-60Hz	0.7
21	**Braking Time**	5.0
22	**Braking Voltage**	4.0
24	**Max Frequency** for 0-240 Hz	60.0
26	**Motor Overload**, %	7.5
28	**Fixed Boost**	5.0
29	**Acceleration Boost**	1.0
31	**Preset Speed 1**, High Speed	50.0
32	**Preset Speed 2**, Low Speed	15.0

BAYWATCH CONTROLLER MODEL SDC-2V WIRING DIAGRAM