



# Operational & Maintenance Manual

Products:

Installation Site

Contractor

Architect

Distributor



Dear Customer:

Thank you for choosing [redacted] as your custom door installation specialist.

The Operation and Maintenance Manual, which is enclosed, has been supplied by Overhead Door Corporation to meet your needs as our customer. Appropriate information for the products installed has been compiled in this manual for your use. We recommend compliance with all of the safety information provided within the manual.

We strongly recommend implementing a preventative maintenance program. Benefits of properly maintaining your door system include:

- Increased operational efficiency and reliability.
- Extended useful life of your equipment.
- Increased probability of dependable equipment performance.
- Elimination of non-budgeted maintenance cost for door service.

As an Overhead Door distributor, we offer you complete product support for your service and maintenance needs. Do not hesitate to call us for assistance.

We hope that you will also continue to consider [redacted] for your future product and installation needs. We are firmly committed to providing the finest in Overhead Door products, accessories, and a level of customer support unmatched in the industry.

Sincerely,



# **Operation & Maintenance Manual**

## **Rolling Doors**

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# GENERAL INFORMATION



## **OVERHEAD DOOR CORPORATION**

Overhead Door Corporation, based in Dallas, Texas, is a leading single-source manufacturer of integrated door and operator systems for commercial and residential applications.

Overhead Door is the door solutions provider that delivers expert service and the highest level of performance and reliability. Our comprehensive product line encompasses a wide variety of commercial door solutions including: commercial operators, commercial sectional and rolling service doors, advanced performance rolling doors, and security grilles.

With our nationwide network of more than 400 authorized distributors, we are a leading provider of overhead and garage door systems, and we continue to lead the way with reliable solutions and unmatched professional installation, service and support that keeps customers coming back. The brand trusted for over 90 years, Overhead Door gives home and business owners confidence and peace of mind.



### **To locate a distributor:**

From the United States, call 1-800-929-3667 (DOOR)

International: 1-717-248-0131

<http://www.overheaddoor.com/Pages/distributor-locator.aspx>

### **Contact Information:**

Overhead Door Corporation  
2501 S. State Hwy. 121, Suite 200  
Lewisville, TX 75067

Telephone: 1-800-275-3290

[www.overheaddoor.com](http://www.overheaddoor.com)



# PREVENTATIVE MAINTENANCE



## BENEFITS OF PREVENTATIVE MAINTENANCE PROGRAM

- **Increase operational efficiency, safety and reliability**
- **Extend useful life of your equipment**
- **Reduce probability of equipment malfunctioning**
- **Decrease costly downtime**
- **Decrease long-term repair expense**
- **Priority scheduling for service**
- **Establish relationship with experienced, service-oriented professionals**



## TROUBLESHOOTING GUIDE FOR ROLLING SERVICE DOORS

1. DOOR IS HARD TO RAISE BUT EASY TO LOWER.

**SOLUTION:** Springs require more turns. Raise door to fully opened position and add spring tension (1/8 turn at a time) until the same resistance is felt lowering the door as is felt raising the door. Adjust tension wheel with steel winding bards 3' long and diameter 1/2" or 3/4".

2. DOOR IS HARD TO LOWER BUT EASY TO RAISE.

**SOLUTION:** Springs require fewer turns. Raise door to fully opened position and remove spring tension (1/8 turn at a time) until results listed in example 1 are achieved.

3. DOOR HANGS UP AT ENTRANCE INTO GUIDES.

**SOLUTION:**

- a. Bellmouths might be out of position away from the headplate allowing endlocks to wedge. Loosen attachment nut and locate edge of bellmouth snug against headplate and tighten.
- b. Endlocks might have become loose and tilted out of position. Drill out loose fasteners and reattach with suitable fastener.
- c. Curtain might have been bent and damaged enough to wedge in guides. In some cases the bellmouths can be removed from the guide entrance and the curtain lowered outside of the guides and straightened. Be careful not to allow curtain to rapidly unwind off the counterbalance.

4. ELECTRIC OPERATOR STOPS TOO SOON; DOES NOT REACH THE OPEN OR CLOSED POSITION.

**SOLUTION:** Operator limit switch setting has become out of phase with the door. Reset the limit switches. See operator installation instructions for method of resetting limits.

5. OPERATOR DOES NOT RUN.

**SOLUTION:**

- a. Verify that electric power is available to the operator.
- b. Verify 24 VAC control voltage from operator transformer.
- c. Verify condition of hoist interlock switch.
- d. Verify condition of slidebolt interlock switch.





## RECOMMENDED PREVENTATIVE MAINTENANCE

To keep door in good working condition:

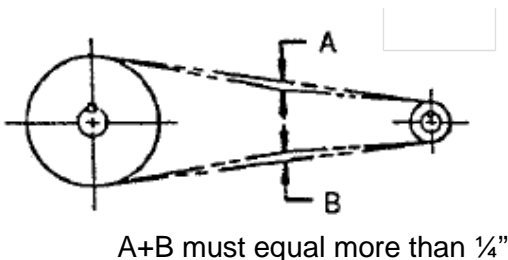
### Every three months<sup>1</sup>

- Oil all moving parts except the clutch mechanism on fire doors and the wool pile in the guides on rolling grilles or counter doors. The guides should be lubricated with a paste wax or silicone spray.
- If electrically operated, check the operator gear reducer for oil leakage. If it is necessary to add oil, use Mobile Synthetic Oil (AGMA 7 #SHC 75W90).
- Check the tension of the roller chain between the operator and the door sprocket (see Figure A). If too loose, loosen the operator mounting bolts and slide the operator to tighten the chain (see Figure B). Retighten the operator mounting bolts.
- Oil the interior roller chain on operators without gear reducer.

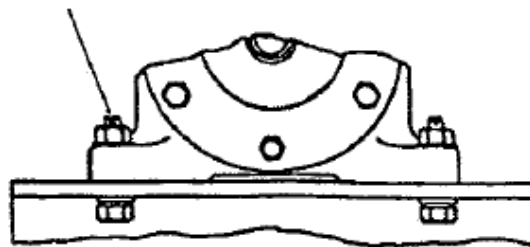
### Every six months<sup>1</sup>

- Oil all exposed roller chains, and on electric operators, dry lube the limit switch shaft threads.
- All bearings provided with grease fittings should be lubricated. If so equipped, find bearings located in the drive bracket and tension end of the counterbalance.
- Fire doors should be drop tested unless more frequent testing is required by other codes. Always use the Drop Test Instructions located inside the tension headplate cover.
- On crank operated doors and grilles, the crank assemblies are sealed with grease and should not require lubrication.

<sup>1</sup> The above frequency of maintenance is for normal operation. Severe duty or unusual operating conditions may require modification of the times between maintenance.



**Figure A**



**Figure B**



## SCOPE OF WORK FOR ROLLING DOORS AND ELECTRIC OPERATORS

### **ROLLING DOORS:**

- 1) Inspect door alignment and level.
- 2) Inspect slats and endlocks for damage.
- 3) Inspect guides, bottom bar and hood for damage.
- 4) Inspect all weather-stripping for wear or damage.
- 5) Adjust spring and lubricate bearings.
- 6) Inspect and tighten fasteners.
- 7) Inspect and lubricate chain hoist.
- 8) Inspect locks for proper operation.
- 9) Inspect and tighten all sprockets and shaft collars.
- 10) Inspect safety labels, placement and condition.

### **ELECTRIC OPERATORS:**

- 11) Inspect and adjust limit switches.
- 12) Inspect and adjust belts.
- 13) Inspect and adjust brake.
- 14) Inspect gear reducer.
- 15) Inspect operator mounting.
- 16) Inspect and test disconnect.
- 17) Inspect and lubricate roller chain.
- 18) Inspect and tighten all sprockets.
- 19) Inspect safety labels, placement and condition.

### **ROLLING FIRE DOORS:**

- 20) Inspect fuse links and replace painted fuse links.
- 21) Drop test door for proper operation.
- 22) Check that door is properly reset.
- 23) Test electric fusible links for continuity (where applicable).
- 24) Test smoke detector (where applicable).
- 25) Test hold-open devices and time delays (where applicable).
- 26) Inspect safety labels, placement and condition.



# INSTALLATION INSTRUCTIONS

The Genuine. The Original.



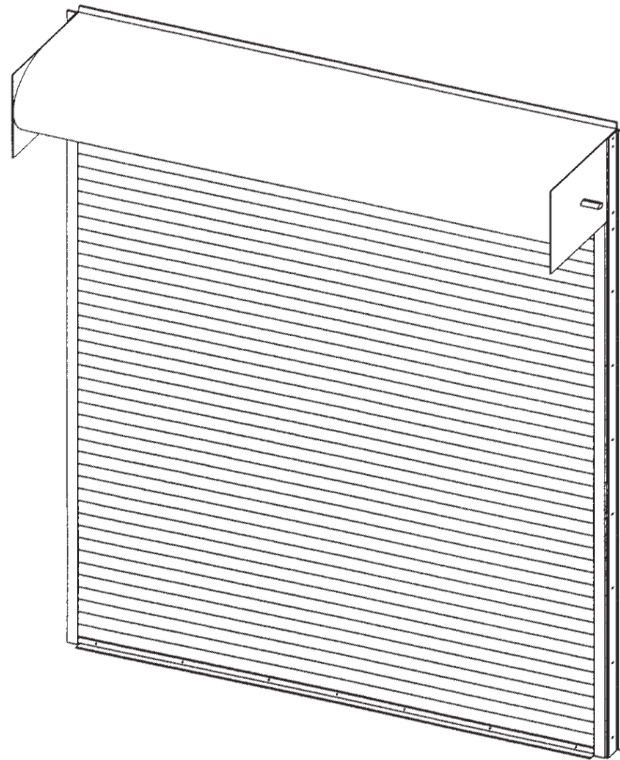
Installation Instructions for

# ***ROLLING SERVICE DOOR***

***Model 610***

***Stormtite™ Models 620,625***

***Stormtite™ AP Model 627***



This installation manual provides the owner or service person information required to install, troubleshoot and maintain a Rolling Service Door.

## **Contents**

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Door Installation Data Sheet .....	4
Pre-Installation Checks & Tasks .....	5
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## **READ COMPLETE INSTRUCTIONS BEFORE INSTALLING DOORS.**

This document also refers to the following other documents or specifications;  
Expansion Anchor Requirements 307390  
Installation Instructions, Cast Gear Drive Chain Hoist 308042  
Chain Hoist Assemblies and Operation 300951

# SAFETY INFORMATION

## OVERVIEW OF POTENTIAL HAZARDS

### READ THIS SAFETY INFORMATION

Overhead doors are large, heavy objects that move with the help of springs under high tension and electric motors. Since moving objects, springs under tension, and electric motors can cause injuries, your safety and the safety of others depend on you reading the information in this manual. If you have questions or do not understand the information presented, call your nearest trained door system technician.

In this section, and those that follow, the words Danger, Warning, and Caution are used to emphasize important safety information. The word:

**⚠ DANGER** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**⚠ WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.




**⚠ CAUTION** indicates a potentially hazardous situation which, if not avoided, may result in injury or property damage.

The word **NOTE** is used to indicate important steps to be followed or important considerations.

## IMPORTANT SAFETY INSTRUCTIONS

### READ AND FOLLOW ALL INSTRUCTIONS

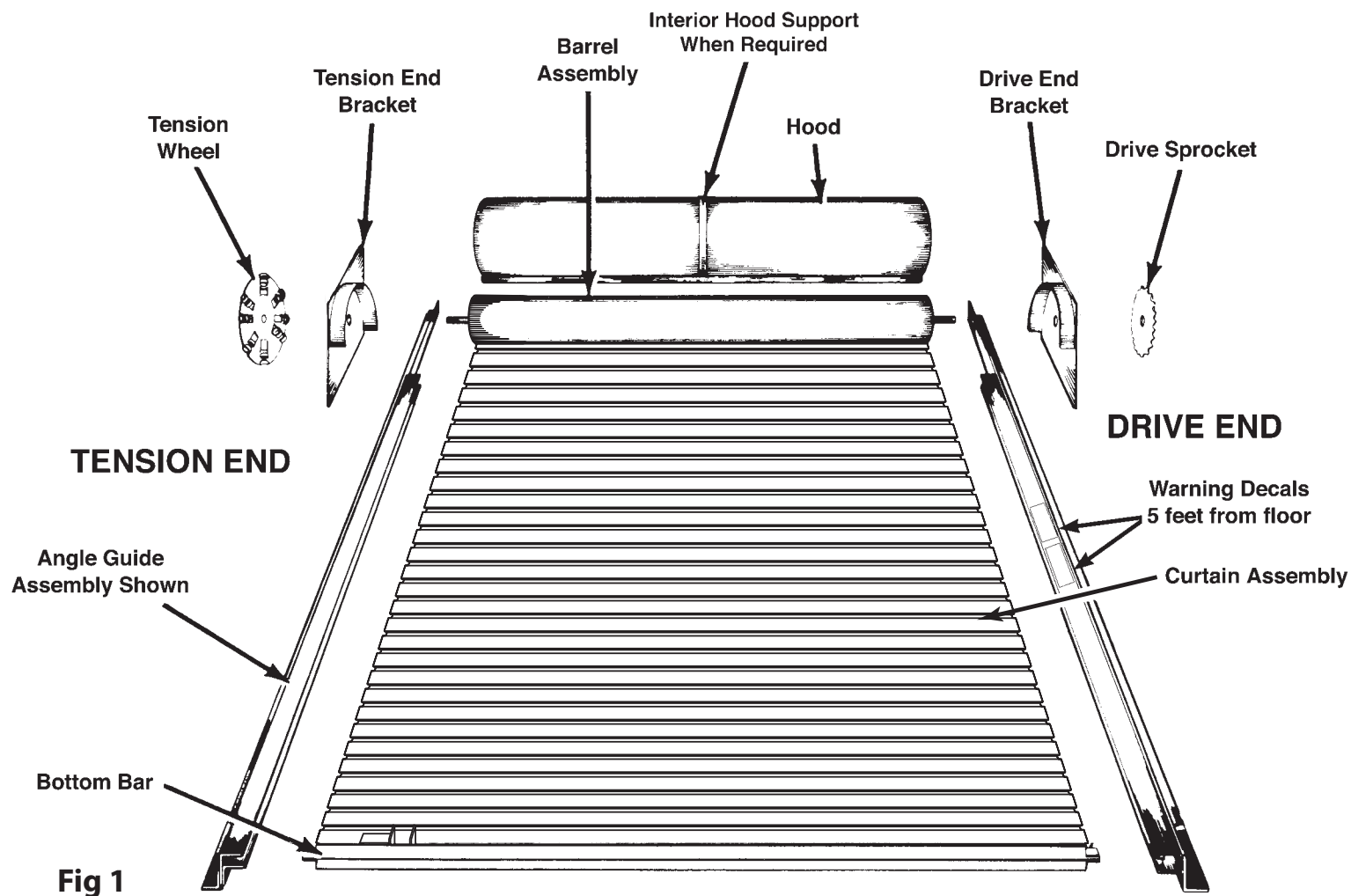
### SAVE THESE INSTRUCTIONS

Potential Hazard	Effect	Prevention
 MOVING DOOR	<b>⚠ WARNING</b> Could result in Death or Serious Injury	Keep people clear of opening while Door is moving. Do <b>NOT</b> allow children to play with the Door Operator. Do <b>NOT</b> operate a Door that jams or one that has a broken spring.
 ELECTRICAL SHOCK	<b>⚠ WARNING</b> Could result in Death or Serious Injury	Turn <b>OFF</b> power before removing operator cover. When replacing cover, make sure wires are NOT pinching or near moving parts. Operator must be fully grounded.
 HIGH SPRING TENSION	<b>⚠ WARNING</b> Could result in Death or Serious Injury	Do <b>NOT</b> try to remove, install, repair or adjust springs or anything to which door spring parts are fastened, such as, wood blocks, steel brackets, cables or other like items. Installations, repairs and adjustments must be done by a trained door system technician using proper tools and instructions.

# Key Drawing

Rolling Service Door with parts.

Right hand door is illustrated. In a left hand door the barrel and both brackets are reversed. Guides for masonry jambs shown.



Please note that components and component locations are shown here for REFERENCE ONLY. Your unit installation and component locations may be different.

# Door Installation Data Sheet

A sample of the "DOOR INSTALLATION DATA" sheet is shown here. Locate the work order "Door Installation Data" sheet inside the door hardware box. You will need to refer to the "Door Installation Data" sheet. See Figure 2.

Factory order number on door components must match with factory order number on the "Door Installation Data" sheet. Each door has it's own individual sheet.

Page                      Date

W.O./Parent.                      WO                      \*\*                      WORK ORDER                      \*\*                      Plant. . . . . 17

Item Number.                      Related SO .                      Qty. . . . .                      Lot #. . . . .

Customer . . .                      HARDWARE                      Job. . . . .                      Start Dt. . . . . Req D.

Status . . .                      FAX:                      Pty.                      Type . . . . .                      Drawing #. CONFIGURED

WALL OPENING :                      WIDE X                      HIGH PRDCT:                      S T T E :                      GAUGE :                      WINDLOAD : 20

GUIDE TYPE :                      GUIDE ENTRY TYPE :                      :                      DRIVE SIDE :                      DRIVE NO. :

BOTTOM BAR TYPE:                      BBAR MATL.:                      BBAR FINISH :                      OPERATION :                      BBAR WEATHERSTRIP :

DOOR MOUNT :                      WALL MOUNT :                      ABBV/COLOR :

\*\*\* DOOR SERIES :                      \*\*\*

\*\*\*\*\* HARDWARE DETAILS \*\*\*\*\*

DOOR INSTALLATION DATA:					
DOOR SERIES :					
WALL OPENING WIDTH		WALL OPENING HEIGHT	GUIDE TYPE	S REFERENCE	HAND DRIVE
		OPERATION TYPE			
INITIAL TURNS	TOTAL TURNS	RELEASE TURN	DRIVE	CURTAIN/BOTTOM BAR WT.	COUNTERBALANCE WEIGHT
GUIDE GAP	GUIDE CONFIG	MOUNTING			

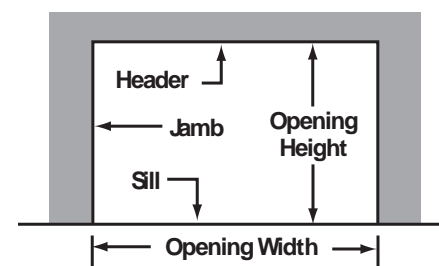
. . . . . Messages . . . . .

**Fig 2**

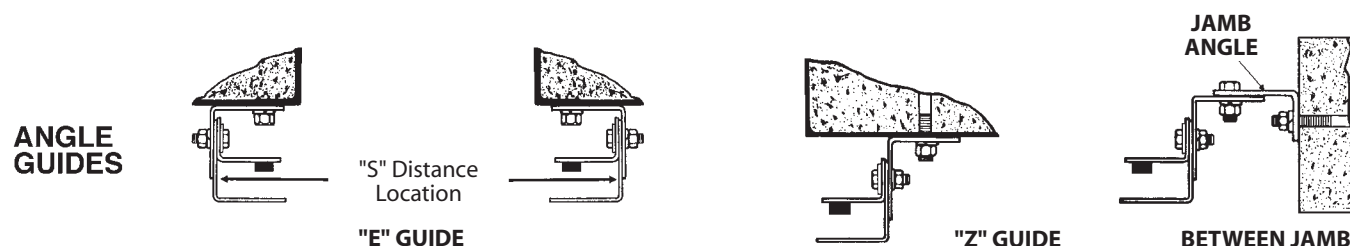
# Pre-Installation Check List

Verify that the door installation can be accomplished before proceeding:

- Locate the work order "DOOR INSTALLATION DATA" sheet, see Figure 2, inside the door hardware box.
- Does the wall opening match the Opening Width and Height shown on the "Door Installation Data" sheet and Figure 3?
- Are the guides you received suitable for the jambs? Compare the guides type shown on the "Door Installation Data" sheet with Figure 4.
- Can the guides be installed plumb?
- Check the sill for level. If sill is not level, mark the high sill location on the low side jamb.



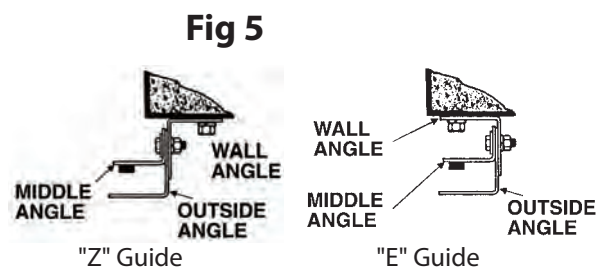
**Fig 3**



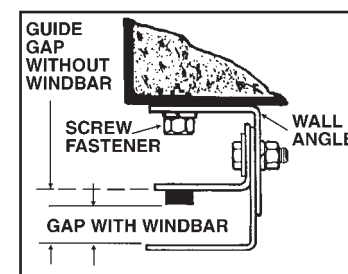
**Fig 4**

## Pre-Installation Task

If you plan to use the sling method to wrap the curtain onto the barrel, and if the inside/outside angles are flared, then remove the angles from the wall angle at this time. They will be bolted to the wall angle in Step 10 after the curtain installation is complete. The Guide Gap must be set to the dimension shown on the "Door Installation Data" sheet. See Figure 6.



**Fig 5**



**Fig 6**



# Install

## STEP 1

### INSTALL GUIDE ASSEMBLIES

- Locate the guide assemblies such that the "S" distance exists between the guides as shown in Fig 4 on page 5.  
The "S" dimension is shown under "S REFERENCE" in Fig 2 on page 4..
- Both guides MUST be on a level line and both guides MUST be plumb.
- The "S" distance must be held within 1/8" over the entire height of guides.

### MASONRY JAMBS

Hold "Z" guide, or wall angle, or jamb angle against wall and drill mounting holes through the slots using drill size shown below. Install jamb fasteners on one guide. Additional installation instruction 308577 available at [odcexchange.com](http://odcexchange.com) Recheck "S" distance, and continue with installation.

### STEEL JAMBS – Screw Attachment Option

Hold "E" guide wall angle against steel jamb and mark the spot to be drilled, or hold wall angle or jamb angle against steel jamb and drill holes through the slots using drill size shown below. Install all jamb fasteners on one guide. Recheck "S" distance and continue

JAMB	FASTENER	DRILL SIZE	JAMB FASTENER SPECIFICATIONS
Steel	3/8" Self-Tap Screw 1/2" Bolt 5/8" Bolt 3/4" Bolt	11/32" Dia. 27/64" Dia. 17/32" Dia. 21/32" Dia.	Steel jambs must be minimum 3/16" thick
Concrete	3/8" Wedge Anchor 1/2" Wedge Anchor 5/8" Wedge Anchor 3/4" Wedge Anchor	3/8" Dia. 1/2" Dia. 5/8" Dia. 3/4" Dia.	Drill holes at least 4 inches from jamb corner per Overhead Door instruction 308577 available at <a href="http://odcexchange.com">odcexchange.com</a>
Filled Block	3/8" Expansion Bolt 1/2" Expansion Bolt	3/8" Dia. 1/2" Dia.	
Wood	3/8" Lag Screw	1/4" Dia.	Drill hole 3" deep
Unfilled Block	3/8" Thru Bolt 1/2" Thru Bolt 5/8" Thru Bolt 3/4" Thru Bolt	7/16" Dia. 9/16" Dia. 11/16" Dia. 13/16" Dia.	Install 3" O.D. steel washer on opposite side of wall

### Fastener Table

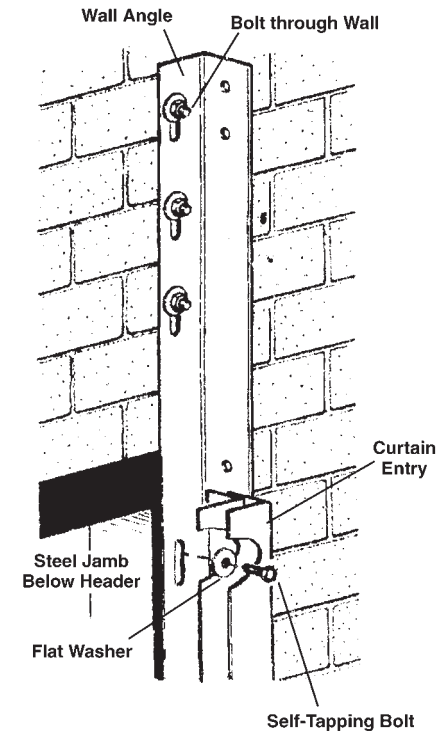


Fig 7

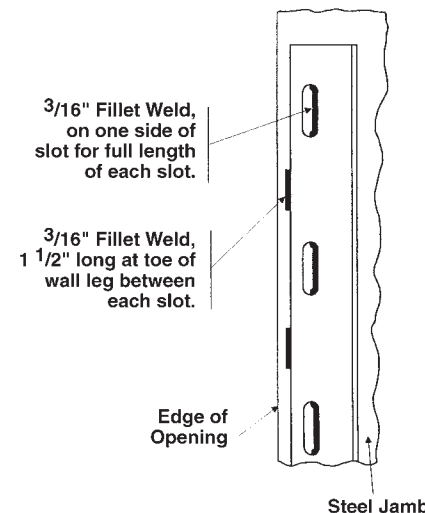


Fig 8

with installation.

### STEEL JAMBS – Weld Attachment Option

Hold "E" guide wall angle against steel jamb and tack weld wall angle (jamb angle) in place. Recheck "S" distance before proceeding. Apply vertical welds as shown in Fig 8 using electrodes E6010, E6011 or E7014. (Fig 8 is shown without the middle and outside angles attached.)

**NOTE:** When steel jamb does not extend above the opening, use three thru-bolts to fasten each wall angle above the opening. See Figure 7.

## STEP 2

### LINTEL INSTALLATION

- If lintel baffle is required, install baffle using 1/4" fasteners suitable for the wall material (wood, masonry, steel). Install per Figure 9 with brush aligned 1" above top of guide middle angle.

## STEP 3

### IDENTIFY HEADPLATE BRACKETS

Right Hand Drive shown; Left Hand Drive is opposite. See Figure 10.

## STEP 4

### GEAR DRIVE HEADPLATE:

**NOTE:** Install gear hoist mounting bolts in headplate AT THIS TIME; see Overhead Door instructions 308042.

## STEP 5

### IDENTIFY BARREL ASSEMBLY DRIVE END

Right hand drive shown in Figure 11; left hand drive is opposite.

Look for an "R" for right hand drive or an "L" for left hand drive stamped on the end of the drive shaft.

SPRING CONFIGURATION—See Figure 12.

- Left hand drive configuration has end of spring pinned to barrel near tension end.
- Right hand drive counterbalance has end of spring pinned to barrel several feet from tension end.
- At tension end of barrel the bearing assembly may be pinned to the barrel as shown in Figure 12, or the bearing assembly may be welded into end of barrel.

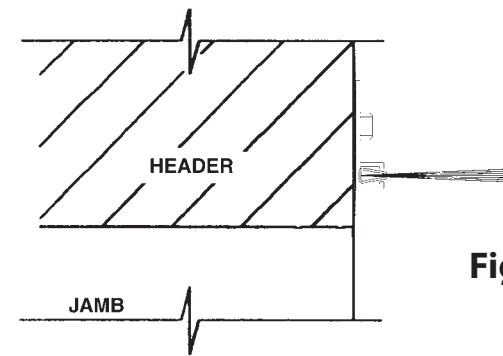


Fig 9

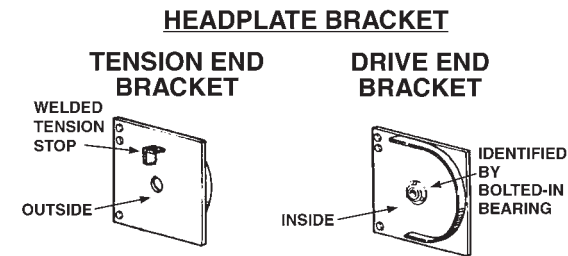


Fig 10

### BARREL ASSEMBLY

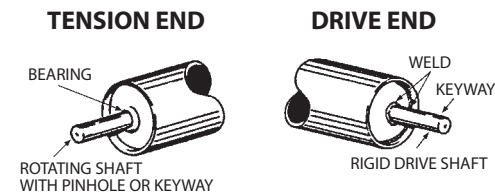


Fig 11

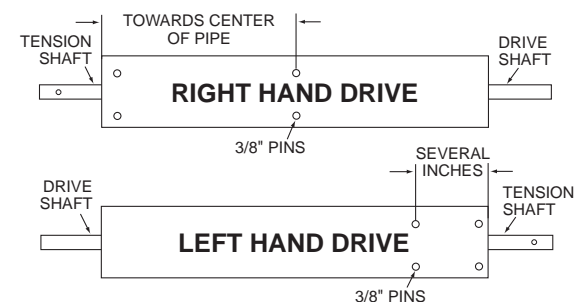


Fig 12

### ⚠ WARNING

Counterbalance damage could allow curtain to close rapidly which could result in death or serious injury. A right hand drive headplate must be used with right hand barrel assembly to prevent damage; left hand drive headplate and left hand barrel must also match.

## STEP 6

### BARREL AND HEADPLATE BRACKETS

- Slide drive end of barrel assembly through drive bracket bearing and tension end through tension bracket.
- Install set collars on shafts on outside of headplate brackets.
- When a hole is in the tension shaft, no set collar is used on tension shaft because the tension wheel must rest against tension headplate bracket.
- Secure tension wheel to tension shaft using a key or a pin as shown in Figure 13. The pin must fully engage the tension wheel which is against the tension headplate bracket.
- The distance between the headplate brackets should be the "S" dimension on the "Door Installation Data" sheet shown on Figure 2 on Page 4.

### ⚠ CAUTION

Use proper lifting equipment and correct lifting procedure to avoid injury.

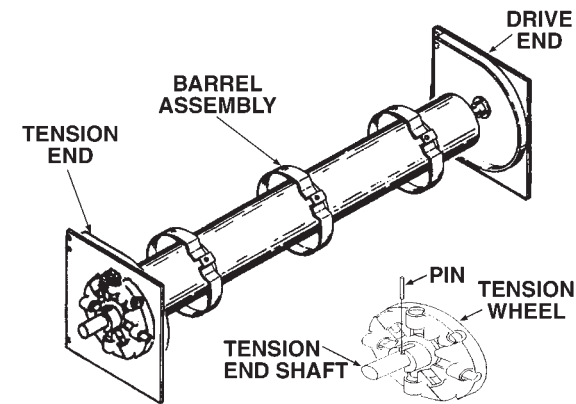


Fig 13

## STEP 7

### LIFT HEADPLATE BRACKETS AND BARREL AND BOLT THEM TO GUIDE WALL ANGLES

- Use hex bolts to fasten headplate brackets to the inside of guide wall angle.
- Bolt heads must be on the inside of the headplate brackets. See Figure 14.
- Headplate brackets must be square to the wall and parallel.
- Use a level to make sure the barrel is level.
- Center the barrel between the headplate brackets with tension wheel against the outside of tension bracket and with set collar against outside of drive bracket. This will prevent barrel from moving sideways.
- Two set collars are required for drive headplate with cast flange bearing.
- Headplate brackets may have two or three mounting slots. Put flat steel washer under bolt head and under nut.

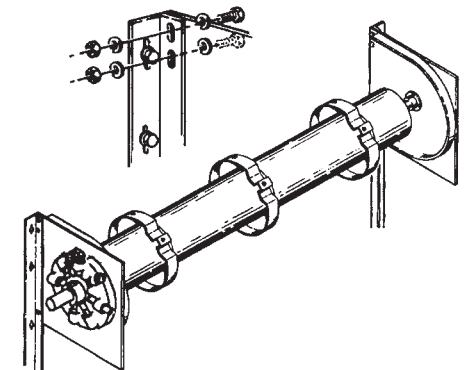


Fig 14

## STEP 8

### DRIVE HEADPLATE ASSEMBLY

Complete the installation of drive components.

See Overhead Door 308042 for gear drive.

See Overhead Door 300951 for chain and sprocket.

### ⚠ WARNING

The use of electric operator during installation of the door could result in death or serious injury. Do not connect power to electric operator until door installation is complete including hood and covers.

## STEP 9

### INSTALLATION OF CURTAIN

See Figure 15

- The Sling Method is recommended because rolling the curtain onto the barrel assembly on the floor can cause curtain damage.
- Sling Method requires flared guide angles to be removed at this time.
- Suspend the curtain below the barrel on two or more slings or ropes rated for the weight of the curtain shown on the "Installation Data" sheet.
- Fasten the top slat to sling/rope and rotate the barrel to bring the Top Slat into place.
- Center the curtain between the headplate brackets with pinned tension wheel against the headplate.
- If the barrel has rings, hold the top slat on the rings and make holes in the top slat aligned with holes in rings. Use drill/driver to attach top slat to rings with 3/8" round head Torx screws and washers provided. Set the drill/driver clutch to minimum torque required to drive screws. DO NOT USE IMPACT WRENCH because it will strip the screw threads in rings. See Figure 17.
- If the barrel has studs, the top slat will have slots to attach to barrel. Hook curtain over studs and fasten with 5/16" round head screws and washers and TWO clamp washers provided. See Figure 16.

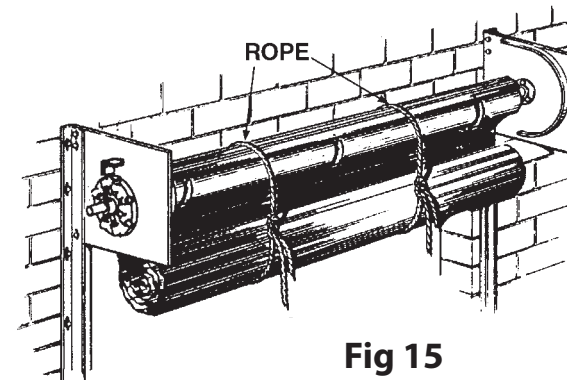


Fig 15

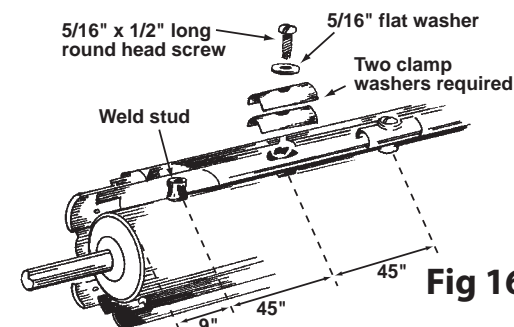


Fig 16

## ⚠ WARNING

Rapidly closing curtain could result in death or serious injury. Use slings/ropes and locking pliers on both guides to keep curtain in the open position until spring tension is applied to the barrel assembly.

## STEP 10

### COMPLETE CURTAIN INSTALLATION

- Coil curtain completely onto barrel.
- If guides are flared, then bolt middle and outside angles to the wall angles as shown in Fig 5 on page 5. The guide gap must be set as shown in Fig 6 on page 5. Find the GUIDE GAP dimension on the "DOOR INSTALLATION DATA" sheet, see Fig 2 on page 4.
- Place locking pliers on LH & RH guides at 2 to 3 inches below the top of the guides as shown in Fig 18.
- Create enough slack in the sling/rope so the curtain can be lowered into the guides and rest on the locking pliers.

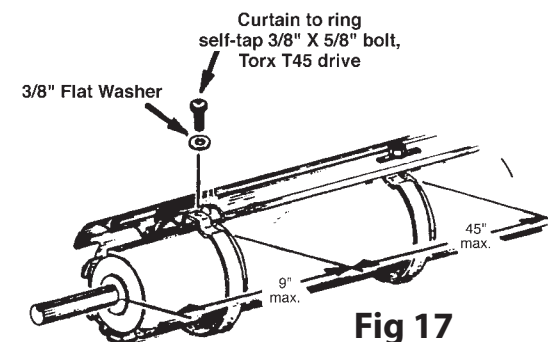


Fig 17

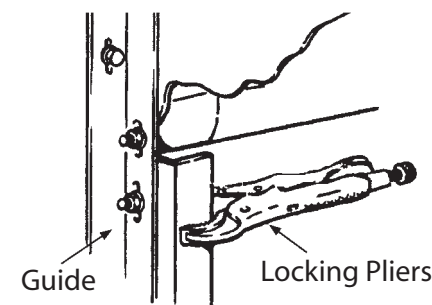


Fig 18

## ⚠ WARNING

Tension wheel is under high spring tension and could spin rapidly which could result in death or serious injury. Door must be open when adjusting spring tension. Use two winding bars 1/2" diameter steel rod, 2 to 3 feet long.

### STEP 11

#### LOCK THE DRIVE

Using one or more of the options in this step:

- Clamp locking pliers on the drive sprocket or gear with the end of the pliers against the wall or lintel.
- Secure the hand chain on the mounted chain keeper.
- Lock the crank handle.

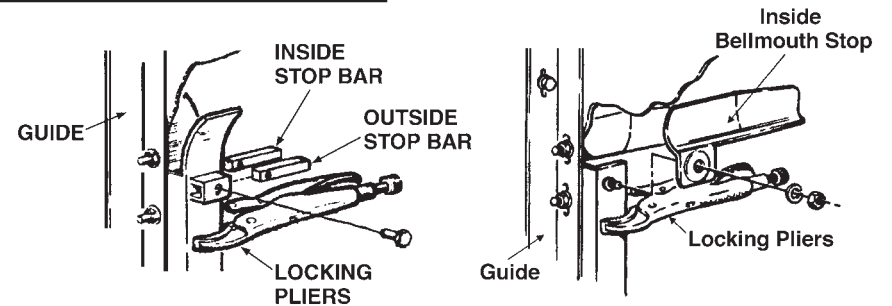


Fig 19a

Fig 19b

### STEP 12

#### INSTALL CURTAIN STOPS

- In guides that are not flared, install bellmouth stops on guides as shown in Fig 19b. Be certain that the back of the bellmouth is flush against the headplate before the nuts are tightened.
- If the guides are flared, slide each stop bar into the channel welded on the guide and install 3/8" cap screw per Fig 19a.

### STEP 13

APPLY INITIAL TENSION—Right hand drive shown, left hand opposite.

- Wind Tension Wheel in the direction shown in Figure 20. Apply the Initial Turns shown on the tension headplate decal and on the "Installation Data" sheet.
- After proper tension is applied, install the tension pin into the tension wheel adjacent to the tension stop. Use two winding bars to allow the tension wheel to rotate until the pin is against the tension stop. See Fig 20.
- If reduction tension headplate assembly is required the factory will provide an Installation Instruction sheet.

### STEP 14

#### CLEAR RESTRAINTS

- Remove the drive shaft lock procedure(s) installed in Step 11.
- Remove slings or ropes.
- Remove the locking pliers from the guides.
- Clear the area in path of closing door.

### STEP 15

#### BEGIN TESTING

- Close and open the door five (5) times and evaluate the tension adjustment.
- A rolling door should snap into the head and barely tend to rise off the floor. It will also fall through the middle of its height.
- Large doors may require a 35 lbs. pull to raise with hand chain. A chain pull of up to 35 lbs. is permissible.

**NOTE:** Instruct customers to use both hands to control both hand chains during the closing operation.

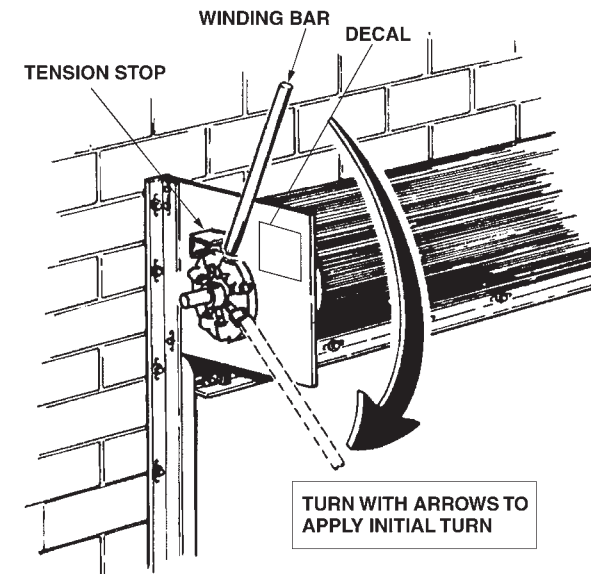


Fig 20

## STEP 16

### ADJUST TENSION WITH DOOR IN FULLY OPEN POSITION

- Use two winding bars to adjust tension one notch at a time to increase or decrease torque as required.
- Use locking pliers on guides during adjustment process.

## STEP 17

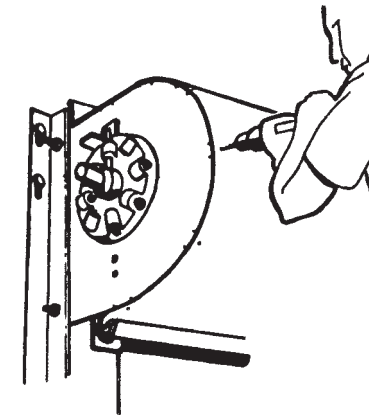
### FINAL CHECK (to be completed before installing the hood)

- Verify through entire travel of the door that the endlocks or windlocks on the end of the curtain are not rubbing the headplate brackets. Operate door several times to check for problems.
- Check that the bottom bar is level in full down and full up positions and that curtain is not binding against back of guide.
- If curtain is level at bottom and not level at top, put shims between curtain and barrel on the low side.
- The guides may be lubricated with a paste wax or silicone spray. **DO NOT USE GREASE.**
- Verify good mechanical connection and tightness of fasteners, e.g., guides, headplates, set screws and roller chain link.

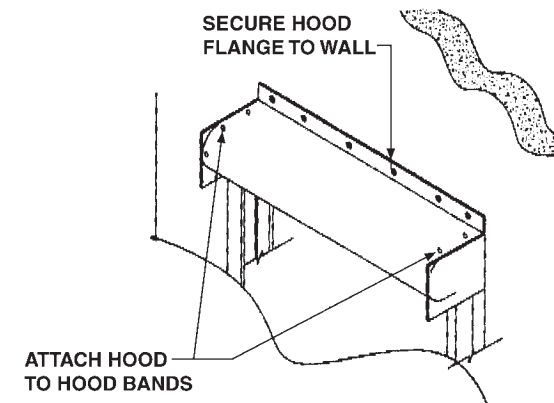
## STEP 18

### HOOD INSTALLATION

- If hood supports are provided, snap a line across top of headplate brackets on the wall. Measure length of hood sections and locate hood support so the hood splice will fall on center of support.
- For exterior applications, a bead of caulk may be applied between the mating surface of the hood and the exterior wall in order to seal the hood. (Caulk not provided.)
- Attach hood to hood bands on headplate brackets (and to supports if provided) by drilling a 7/32" hole through hood and band. Then secure with 1/4" dia. x 3/8" long self-tapping screws (four per bracket and four per support). See Figures 21 and 22.



**Fig 21**



**Fig 22**

## STEP 19

### PRODUCT SAFETY INSTRUCTIONS

The door installer has the following responsibilities:

- Find labels in hardware box.
- Attach Product Safety Label 301603 as directed on label.
- Attach Hand Chain Safety Label 308126 to wall at eye level adjacent to hand chain, when applicable.
- Demonstrate to the door user the correct way to control the closing speed of the rolling door with crank, hand chain or push-up operation; show that two hands should be used to control the hand chain.
- Inform the door user about the following requirements from ANSI Z535.4: "Product safety labels should be periodically inspected and cleaned by the product user as necessary to maintain good legibility." The product user should order replacement safety labels from the door manufacturer as required to maintain legibility.
- Electric operators must be installed on the door in accordance with the instructions from the manufacturer of the operator.
- Doors with sensing edge must have Safety Label 607873 attached to the bottom bar and at eye level on the drive side guide or jamb.

## STEP 21

### CHAINKEEPER

- Attach to wall or door guide assembly. Instruct door users to wrap hand chain as shown in Figure 24.

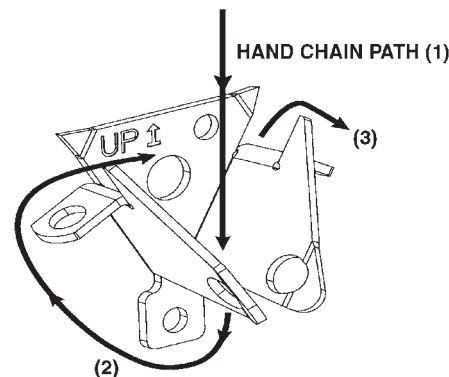


Fig 24

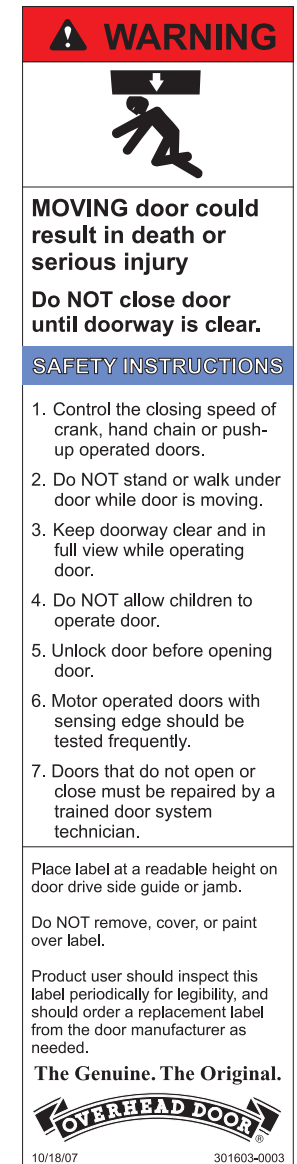
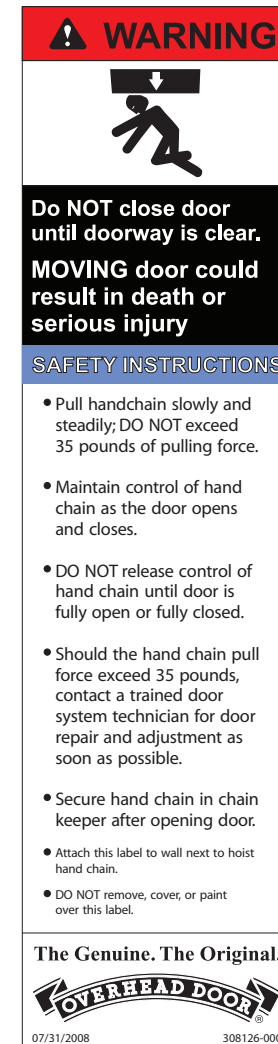


Fig 23



# WARRANTY



**The Genuine. The Original.**



**Overhead Door Corporation**

**Commercial Rolling Service Doors Limited Warranty**

Overhead Door Corporation ("Seller") warrants to the original purchaser of the Models 600, 610, 620, 625, 627 Rolling Service Doors ("Product"), subject to all of the terms and conditions hereof, that the Product and all components thereof will be free from defects in materials and workmanship under normal use for the following period(s), measured from the date of installation:

- **TWENTY FOUR (24) MONTHS ON ALL PARTS AND COMPONENTS**

Seller's obligation under this warranty is specifically limited to repairing or replacing, at its option, any part which is determined by Seller to be defective during the applicable warranty period. Repair or replacement labor for any defective Door part or component is included for a period of one (1) year from the date of installation. After that, any labor charges will be excluded and will be the responsibility of the purchaser. Labor charges related to any Operator defect are excluded and will be the responsibility of the purchaser.

This warranty is made to the original purchaser of the Product only, and is not transferable or assignable. This warranty applies only to Products, which are installed in commercial or industrial building applications. This warranty does not apply to any unauthorized alteration or repair of the Product, or to any Product or component which has been damaged or deteriorated due to misuse, neglect, accident, failure to provide necessary maintenance, normal wear and tear, or acts of God or any other cause beyond the reasonable control of Seller. This warranty does not apply to any damage or deterioration caused by door slats rubbing together as the door rolls up upon itself or caused by exposure to salt water, chemical fumes or other corrosive or aggressive environments, whether naturally occurring or man-made, including, but not limited to, environments with a high degree of humidity, sand, dirt or grease.

**THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

IN NO EVENT SHALL SELLER BE RESPONSIBLE FOR, OR LIABLE TO ANYONE FOR, SPECIAL, INDIRECT, COLLATERAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, even if Seller has been advised of the possibility of such damages. Such excluded damages include, but are not limited to, loss of goodwill, loss of profits, loss of use, cost of any substitute product, interruption of business, or other similar indirect financial loss.

Claims under this warranty must be made promptly after discovery, within the applicable warranty period, and in writing to the Seller or to the authorized distributor or installer whose name and address appear below. The purchaser must allow Seller a reasonable opportunity to inspect any Product claimed to be defective prior to removal or any alteration of its condition. Proof of the purchase and/or installation date, and identification as the original purchaser, may be required. This Warranty is not valid unless the fields below are completed by the installer at the time of installation.

DOOR TYPE: \_\_\_\_\_

OPERATOR TYPE: \_\_\_\_\_

CUSTOMER NAME (ORIGINAL PURCHASER): \_\_\_\_\_

CUSTOMER INSTALLATION LOCATION: \_\_\_\_\_

ORDER # \_\_\_\_\_

DATE OF INSTALLATION: \_\_\_\_\_

NAME OF DISTRIBUTOR/INSTALLER: \_\_\_\_\_

SIGNATURE OF DISTRIBUTOR/INSTALLER: \_\_\_\_\_

C900-864



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