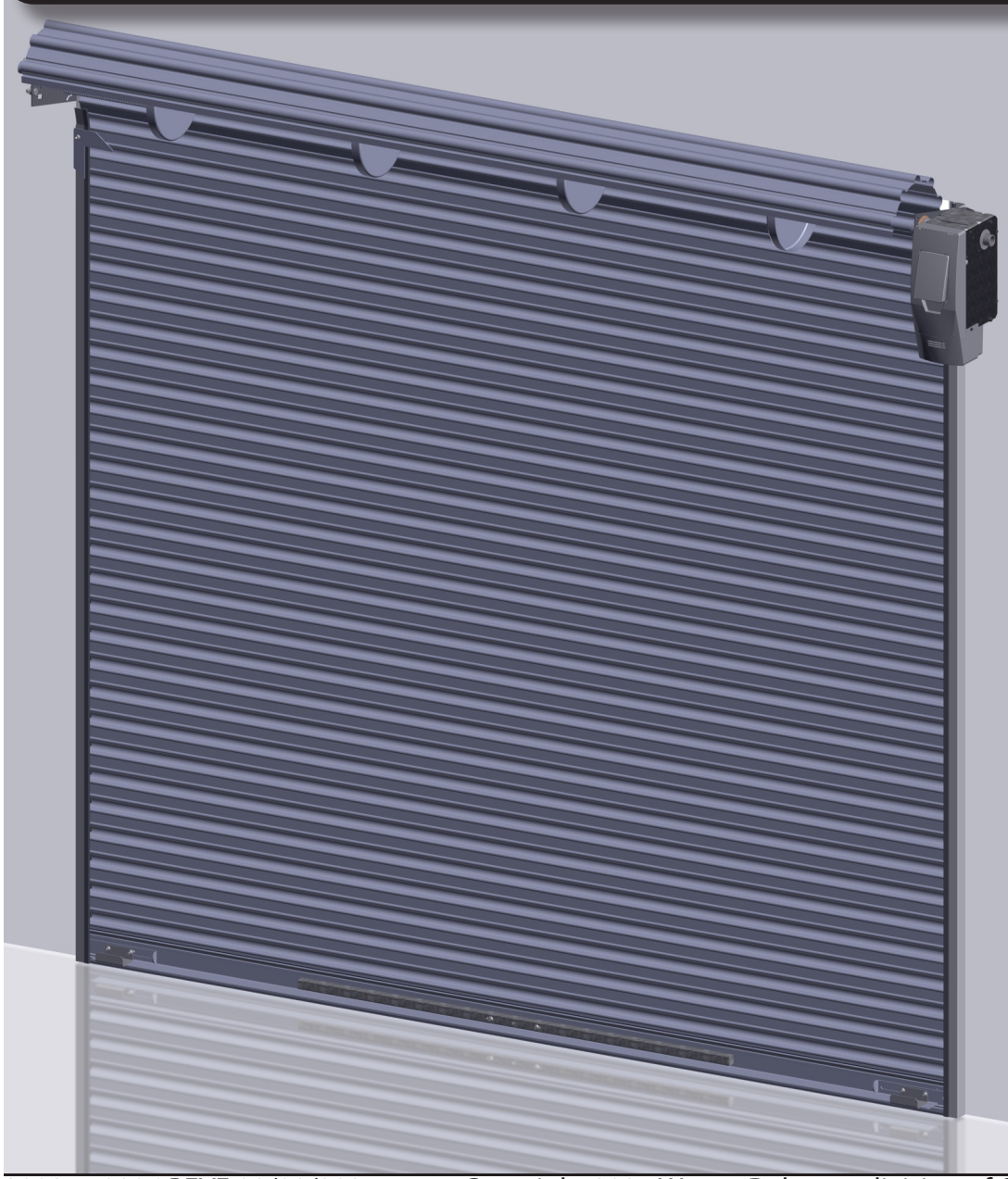
INSTALLATION INSTRUCTIONS
MODELS DS-50 / DS-75 / DS-100 MINI ROLL-UP DOORS, WITH SIDE MOUNT OPERATOR



Wayne Dalton®
GARAGE DOORS

This installation manual provides the trained door technician information required to install this door.

READ COMPLETE INSTRUCTIONS BEFORE INSTALLING DOOR.

Some installation tasks listed in this document are found in other documents.

Please refer to the appropriate document(s) as directed;

Expansion Anchor Requirement 500460-0001 found on www.Wayne-Dalton.com

41510.00119 Operator Installation Instructions (Included)

This manual is intended ONLY for professional use by a trained door systems technician. All others please refer to the end user manual provided to you.

After installation is complete, leave this manual with the Homeowner. Maintenance instructions on page 22.

Product may be covered by one or more patents. See www.wayne-dalton.com/patents for details.

Wayne Dalton
GARAGE DOORS

TABLE OF CONTENTS

SECTION 1 - SAFETY INFORMATION

OVERVIEW OF POTENTIAL HAZARDS
READ THIS SAFETY INFORMATION

⚠ WARNING

Rolling Doors doors are large, heavy objects that move with the help of electric motors. Since moving objects and electric motors can cause injuries, your safety and the safety of others depends on you reading the information in this manual. If you have any questions or do NOT understand the information presented, call technical support at 1-800-764-1457.

In this section and those that follow, the words "**DANGER**", "**WARNING**", and "**CAUTION**" are used to stress important safety information. The word:

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

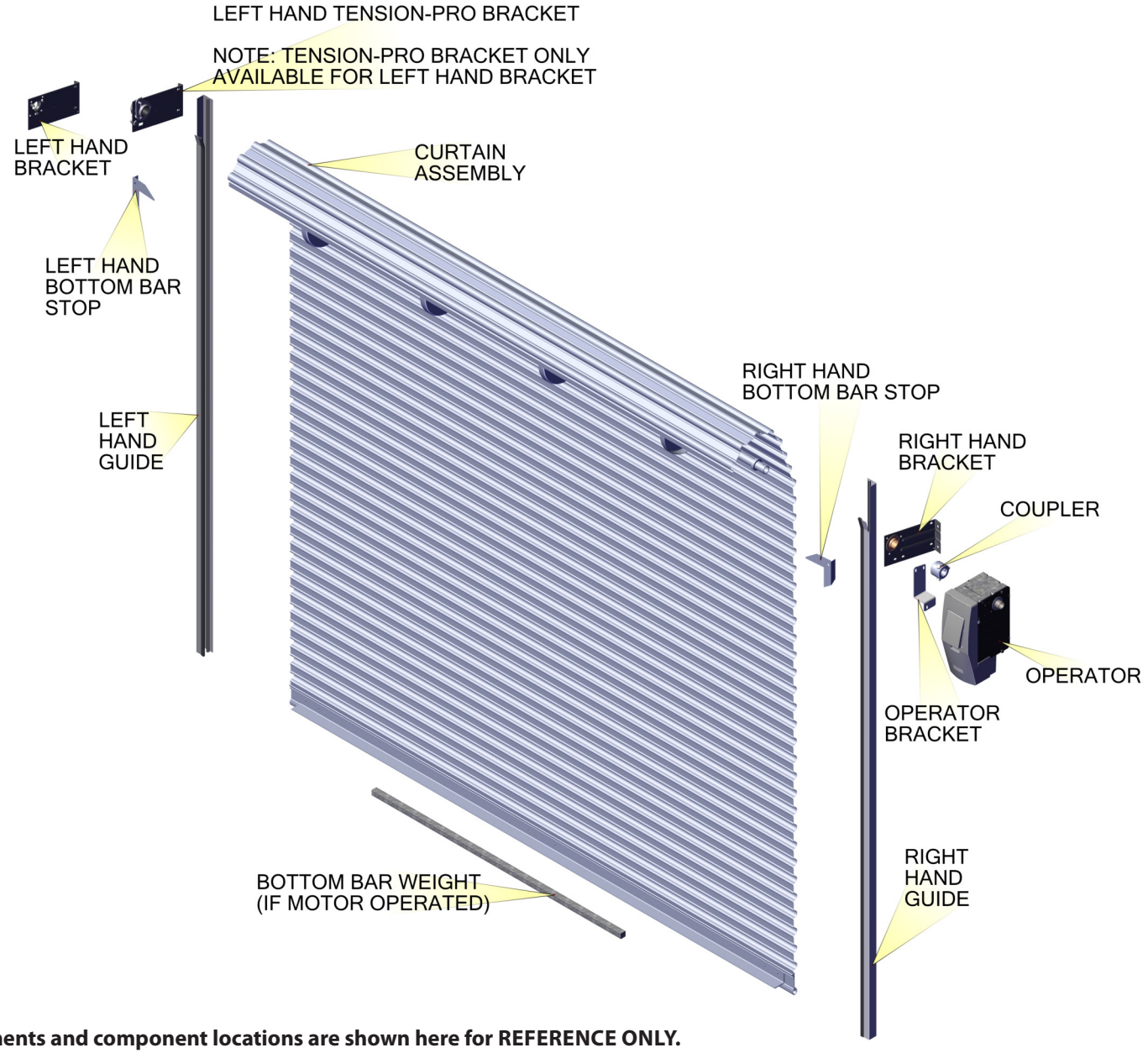
⚠ **WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ **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.

Potential Hazard	Effect	Prevention
 MOVING DOOR	**⚠ WARNING** Could result in Death or Serious Injury	Keep people clear of opening while Door is moving. Do **NOT** allow children to play with the Door Operator. Do **NOT** operate a Door that jams or one that has a broken spring.
 ELECTRICAL SHOCK	**⚠ WARNING** Could result in Death or Serious Injury	Turn **OFF** electrical power before wiring switch and door operator to supply.
 HIGH SPRING TENSION	**⚠ WARNING** Could result in Death or Serious Injury	Do **NOT** 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.

SECTION 2 - KEY DRAWING



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

SECTION 3 - 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 FIG 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.

Jobless [illegible]eler Report

SO#
Org Code:
Cust. PO:

SO Line#:
Qty:
Customer:

SO Line Item:
Desc:
Customer Job:

Job Name:
Schl'd Ship Dt:
Product Desc:

CURTAIN:
OPERATION:
BOTTOM BAR:
GUIDE:

HOOD/CRATE:

********	DOOR	INSTALLATION	DATA#	******	********	********	******
MODEL:				S-REFERENCE:			
OPENING WIDTH:		OPENING HEIGHT:		HAND OF OPERATION:		GUIDE TYPE:	
INITIAL TURNS:		RELEASE TURN:		OPERATION TYPE:		CURTAIN/BOTTOMBAR WT:	
TOTAL TURNS:		OPER[illegible]ODEL:/ VOL[illegible]GE:		DRIVE NO:		PIPE ASSEMBLY WT:	
GUIDE GAP:		OPE[illegible] TYPE:		GUIDE FINISH:		BRACKET FINISH:	
********** WORK ORDER [illegible]SSAGES **********							
**							
**							
**							

FIG 2

SECTION 4 - PRE-INSTALLATION CHECK LIST

Verify that the door installation can be accomplished before proceeding:

- Locate the work order "DOOR INSTALLATION DATA" sheet, see FIG 2, inside the door hardware box.
- Does the wall opening shown in FIG 3 match the Opening Width and Height shown on the "Door Installation Data" sheet?
- Are the guides you received suitable for the jambs? Compare the guides type shown on the "Door Installation Data" sheet with FIG 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.
- Guides are designed to rest on sill.
- Consult the factory if the actual opening width is greater than shown on the packing slip more than 1-1/2 inches.

HEADROOM (A)				SIDE ROOM (B)
OPENING HEIGHT	**DS-50**	**DS-75**	**DS-100**	**DS-50/75/100**
UP TO 6'8" DOOR HEIGHT	14"	16"	16"	4"
FROM 6'8-1/4" TO 8'0" DOOR HEIGHT	N/A	17"	17"	4"
OVER 8'0" DOOR HEIGHT	N/A	18"	18"	4"
REQUIRED CLEARANCES - MINIMUM INDICATED				

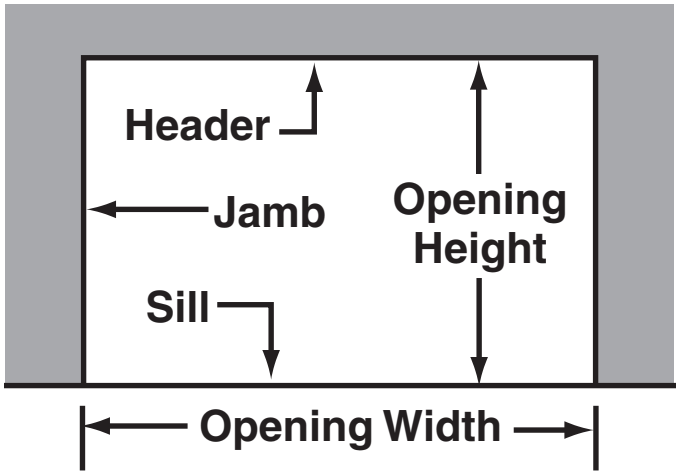
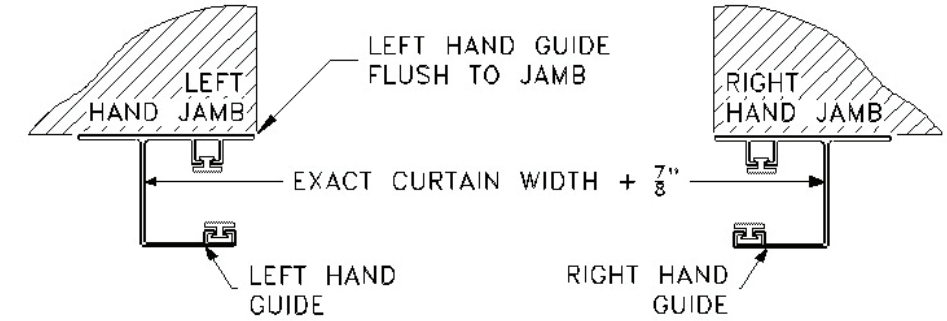


FIG 3



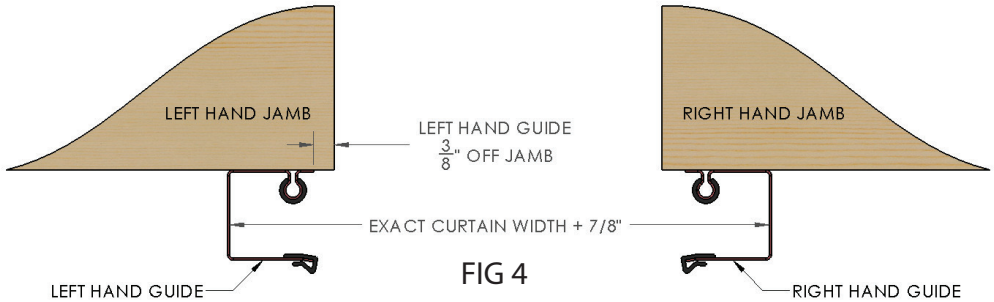


FIG 4

SECTION 4 - PRE-INSTALLATION CHECK LIST

Read the installation instructions thoroughly to become familiar with the names of the various components and their relation to each other. It is necessary for the installer to determine the following:

- Type of jamb material (wood, masonry, or steel) on which the door guides will be mounted.
- The dimensions for the opening width, opening height, headroom, and side room.
- Type of support brackets provided (bearing bracket or Tension-Pro™ bracket).

TOOLS

Commonly used tools for proper installation are:

- Electric drill with 3/8" or 1/2" chuck with nut driver and drill bits.
- Masonry drill or impact hammer and bits.
- Ladders and/or scaffolding.
- Hammer and pliers.
- Large Pipe Wrench (if Tension-Pro bracket).
- Center punch and Screwdrivers.
- Wrenches, vise grips, and C-clamps.
- Tape measure and a water level.

UNPACKING DOORS

Before removing the door from any packaging, inspect the packaging for visible signs of damage. If damage is noted, file a freight claim with the freight company immediately. Remove the door from the packaging.

⚠WARNING

Do not cut tape that holds door in a roll until instructed to do so.

NOTE: Right and Left Hand is determined by facing the door opening, on the coil side.

FASTENER TABLE		
Jamb Condition	**Bracket Fasteners**	**Guide Fasteners**
Wood	5/16" x 1-1/2" Lag Screw	5/16" x 1-1/2" Lag Screw
Masonry	5/16" x 1-1/2" Wedge Anchor	1/4" x 1-3/4" Tapcon
Steel	1/4" x 3/4" Self Drilling Screw	1/4" x 3/4" Self Drilling Screw

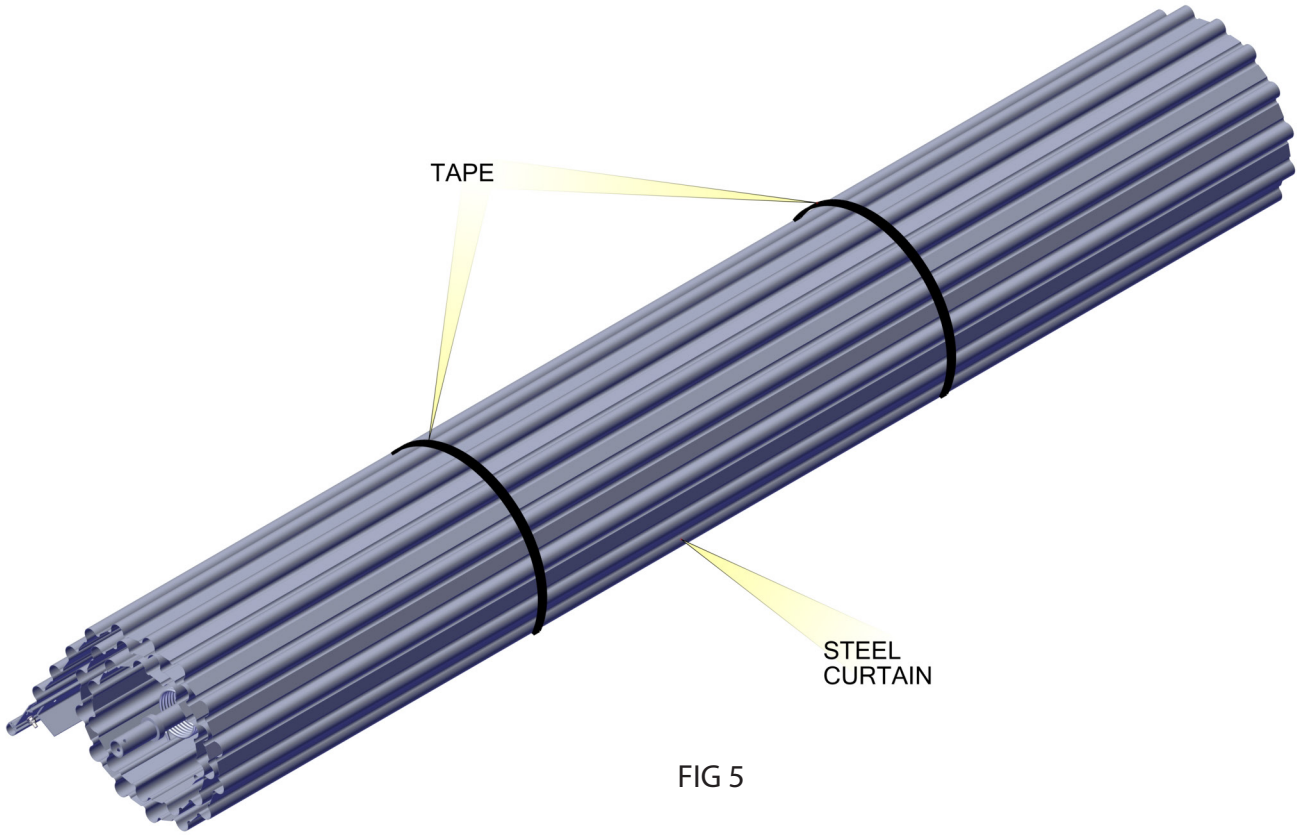


FIG 5

SECTION 5 - DOOR INSTALLATION

STEP 1 INSTALL CURTAIN GUIDES TO JAMB

- Mount curtain guides to the surface using supplied fasteners. See FIG 6.
- Check Dimensions as illustrated in FIG 4 on page 6. Dimensions must match your "DOOR INSTALLATION DATA" sheet.
- Both guides MUST be on a level line and both guides MUST be plumb.
- The Dimensions must be held within 1/8" over the entire height of the guides.

⚠ WARNING

Follow instructions and use proper lifting equipment and correct lifting procedure to avoid serious injury or death.

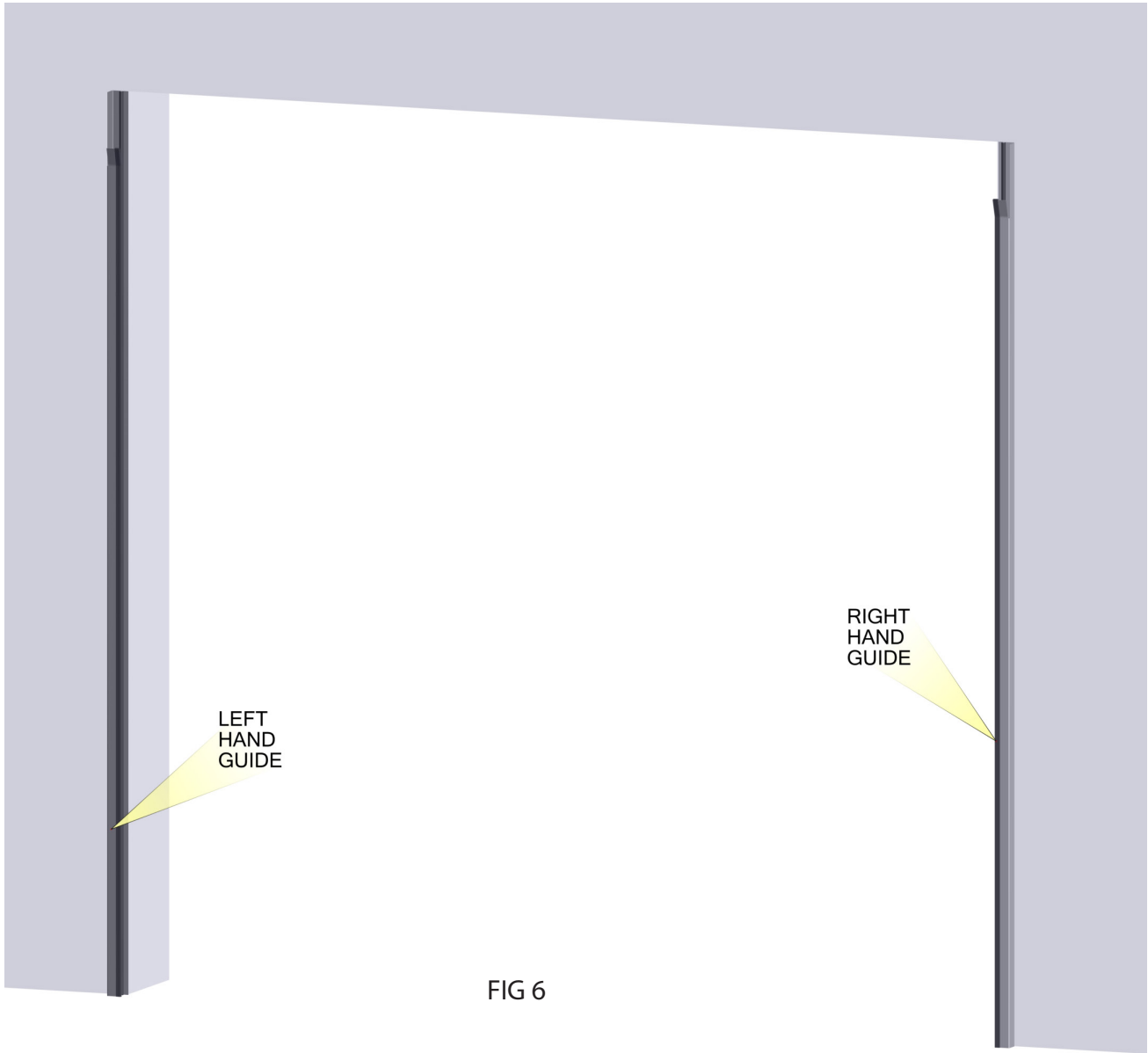


FIG 6

SECTION 5 - DOOR INSTALLATION

STEP 2 INSTALL BRACKETS

• Install the brackets to the outside of the guides using two 1/4”-20 x 9/16” track bolts, as shown. See FIG 7.
• Loosely install the 1/4”-20 flange nuts on the bolts to hold the brackets in place. See FIG 7.
• Check that the brackets are straight and square with one another, shimming if necessary, and fasten the brackets to the wall using the fasteners provided (See Fastener Table on page 7). Tighten the flange nuts on each bracket. Bend the small tabs near the top of the guide (circled) out about 45° degrees.
• Install the bottom bar stops to the guides as shown using a 1/4”-20 x 5/8” carriage bolt and 1/4”-20 flange nut. Leave the fasteners loose to allow the bottom bar stops to pivot out of the way of the bottom bar angle when the curtain will be pulled into the guides. You will be instructed to tighten the bottom bar stop fasteners in STEP 5.

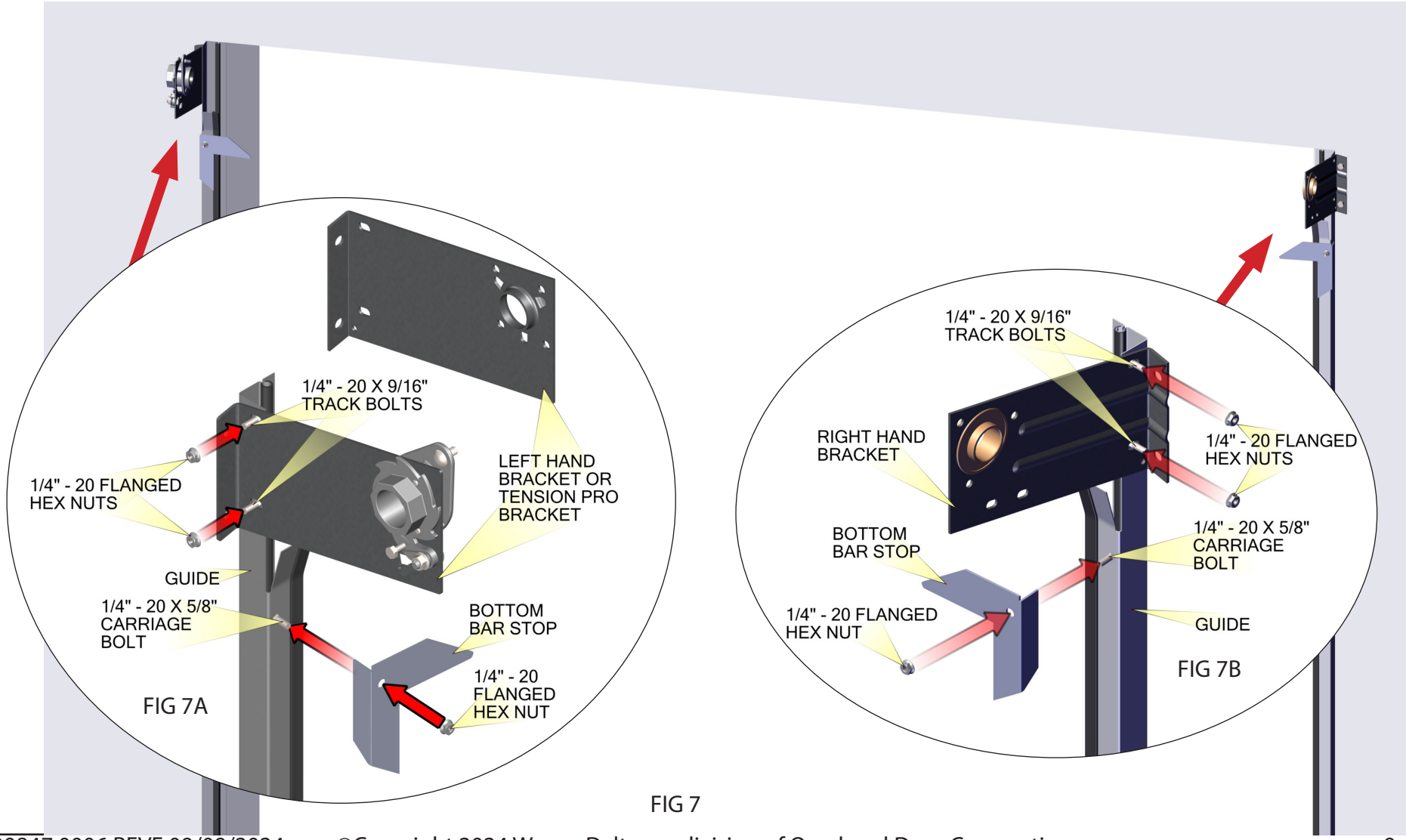


FIG 7

SECTION 5 - DOOR INSTALLATION

STEP 3 LIFTING THE CURTAIN ASSEMBLY

⚠WARNING

Curtain assembly is heavy. Allowing curtain assembly to fall while lifting, could result in severe or fatal injury.

⚠WARNING

To avoid severe or fatal injury, never walk, stand, or work below curtain assembly before it is secured to support brackets.

NOTE: The left hand end of the curtain assembly (when installed) will be the end with the spring.

• Lift the curtain assembly up to the brackets and insert the left hand shaft into the large hole in the left hand bracket. See FIG 8.

NOTE: Be sure that the collar rests up against the bracket.

• While continuing to support the curtain assembly, insert the right hand shaft into the right hand bracket in the same manner.

NOTE: It may be necessary to gently pry the right hand bracket out to allow clearance for the curtain assembly shaft end.

• Secure the curtain assembly by installing the cotter pins through the holes in each shaft end. Once installed, bend the ends of both cotter pins to secure curtain assembly in place. See FIG 9.

IMPORTANT: IF DOOR IS EQUIPPED WITH A TENSION-PRO™ BRACKET, SEE STEP #10 FOR ASSEMBLY INSTRUCTIONS.

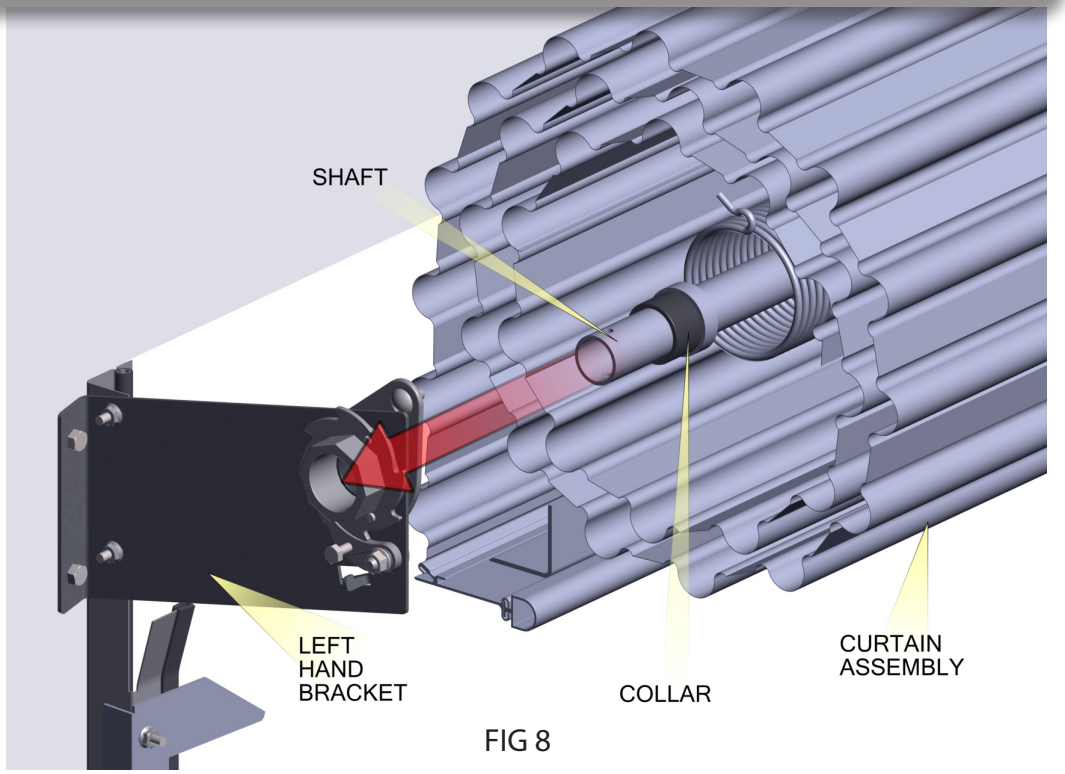


FIG 8

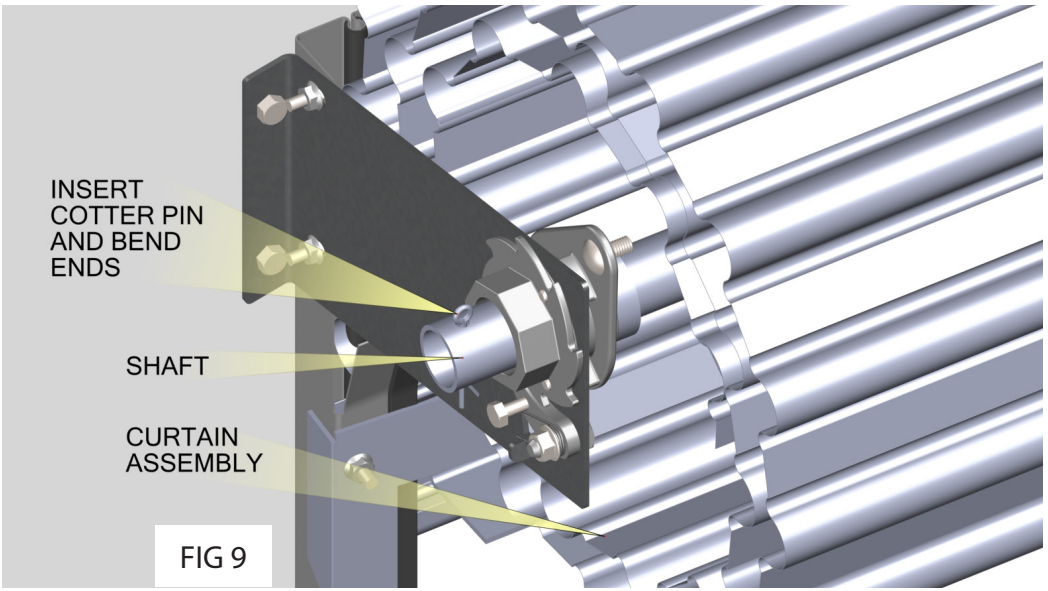


FIG 9

SECTION 5 - DOOR INSTALLATION

STEP 4 ATTACHING SPRING

• Rotate curtain assembly so that the bottom bar is at the top of the curtain roll. While keeping the curtain from rotating, carefully stretch the spring end to the bracket to determine the bracket hole nearest to the loop in the spring end, as shown in FIG 10.

• Position the 5/16”-18 x 1” hex head bolt and 5/16” flat washer in the spring loop and stretch the spring to insert the bolt into the previously determined bracket hole. Loosely install the lock washer and 5/16” -18 hex nut on the outside of the bracket to hold the spring stretch. Rotate the spring until it is centered on the bracket and securely tighten the spring attachment bolt. See FIG 10.

NOTE: For an easier way of installing the spring attachment bolt, if the installation permits, use vice grips to temporarily secure spring loop to bracket.

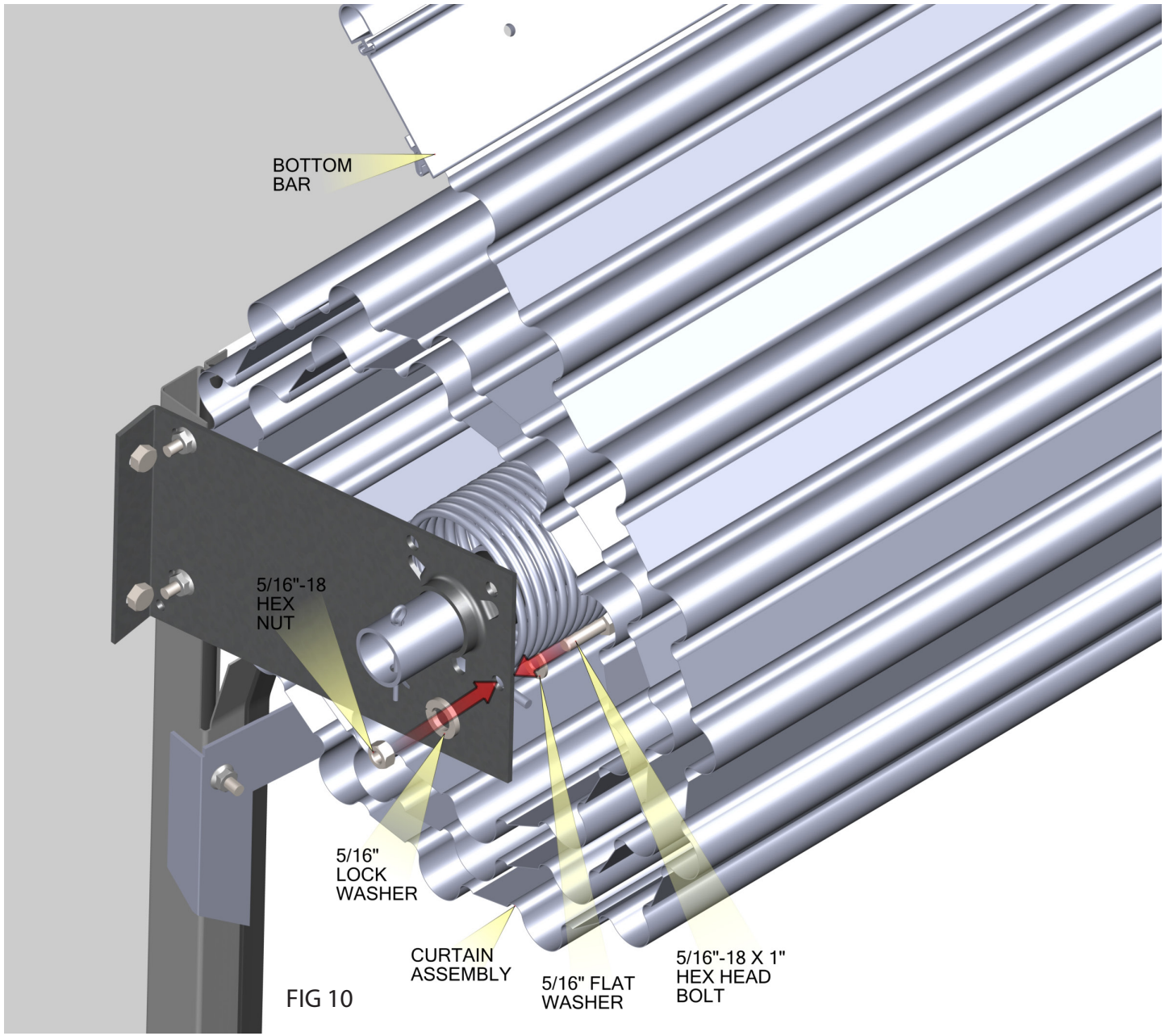


FIG 10

SECTION 5 - DOOR INSTALLATION

STEP 5 PRE-TENSIONING THE DOOR SPRING

⚠ WARNING

Spring tension can cause curtain assembly to rotate rapidly, possibly resulting in severe or fatal injury. To prevent such injury, securely hold curtain assembly to prevent rotating.

• Starting with the bottom bar at the top of the curtain roll, apply two complete turns of pre-tension to the spring by rotating the curtain roll in the direction shown. See FIG 11. The amount of tension required may vary slightly. Final adjustment, if necessary, will be made in STEP #7.

• Cut the tape that holds the curtain in a roll and gently pull the curtain down into the guides on both sides until the bottom bar is below the bottom bar stops. Do not pry on the bottom bar stops to get bottom bar past the stops. Instead, loosen fasteners until bottom bar angle easily clears stops. If the door has a tendency to close, secure it in position using clamps. If the door has a tendency to rise, secure it in position using a wood prop.

⚠ WARNING

Securely hold curtain assembly until bottom bar stop fasteners have been tightened. If not securely held, curtain could rotate, possibly causing severe or fatal injury.

With the door kept from moving, tighten the bottom bar stop fasteners on both guides. Remove clamps or wood props.

STEP 6 LUBRICATING AND ADJUSTING THE GUIDES

• Lubricate the insides of guides with weather resistant lubricating spray. Move the door up and down to check for proper operation. Adjust the guides if necessary to allow for proper clearance and operation.

NOTE: If door is difficult to move up or down due to spring imbalance, continue on to STEP #7 and return to STEP #6 once springs are properly adjusted.

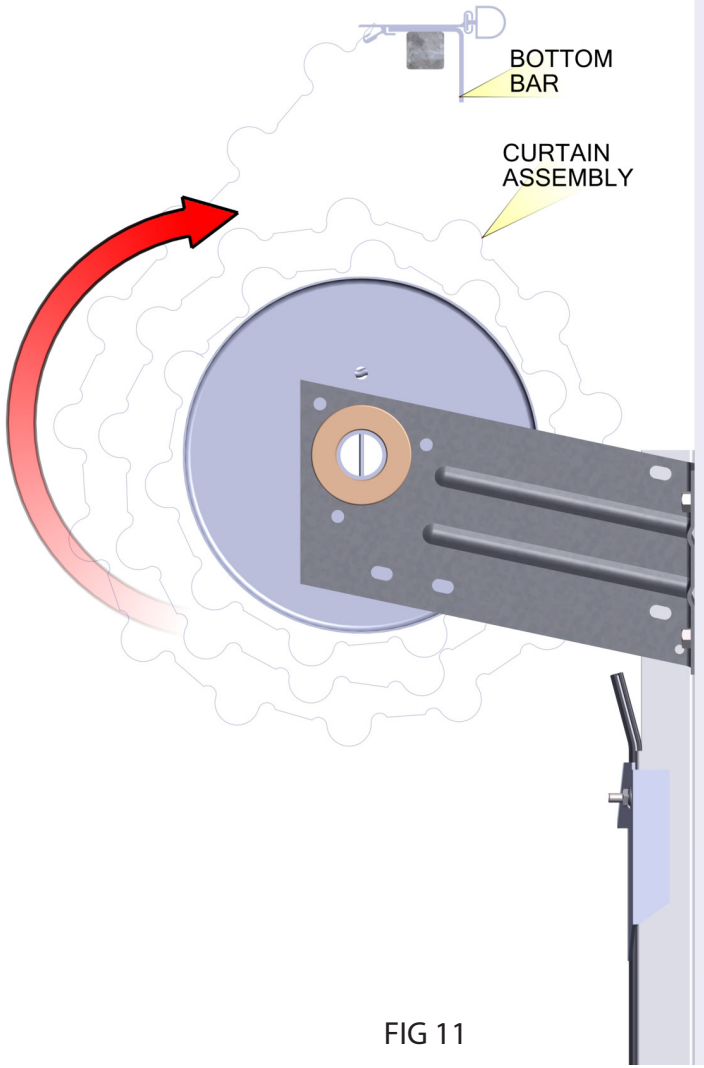


FIG 11

SECTION 5 - DOOR INSTALLATION

STEP 7 CHECKING AND ADJUSTING SPRING BALANCE

⚠ WARNING

Spring tension can cause curtain assembly to rotate rapidly, possibly resulting in severe or fatal injury. To prevent such injury, securely hold curtain assembly to prevent rotating.

• Move the door up and down to check for proper spring tension. If the door lowers easily and raises hard, more spring tension is required. If the door lowers hard and raises easily, less spring tension is required. If a tension adjustment is necessary, secure the door in position and remove the bottom bar stops.
• Carefully roll the curtain all the way up without letting go of the bottom bar. Tie a rope around the curtain roll and slowly rotate the curtain roll in the opposite direction as tension was applied until spring is neutral. See FIG 12.
• Change the location of the spring attachment bolt in the required direction as shown. Repeat STEPS 4, 5, 6, and 7. See STEP #10 for Tension-Pro™ bracket spring tension adjustment.

⚠ WARNING

Securely hold curtain assembly until bottom bar stop fasteners have been tightened. If not securely held, curtain could rotate, possibly causing severe or fatal injury.

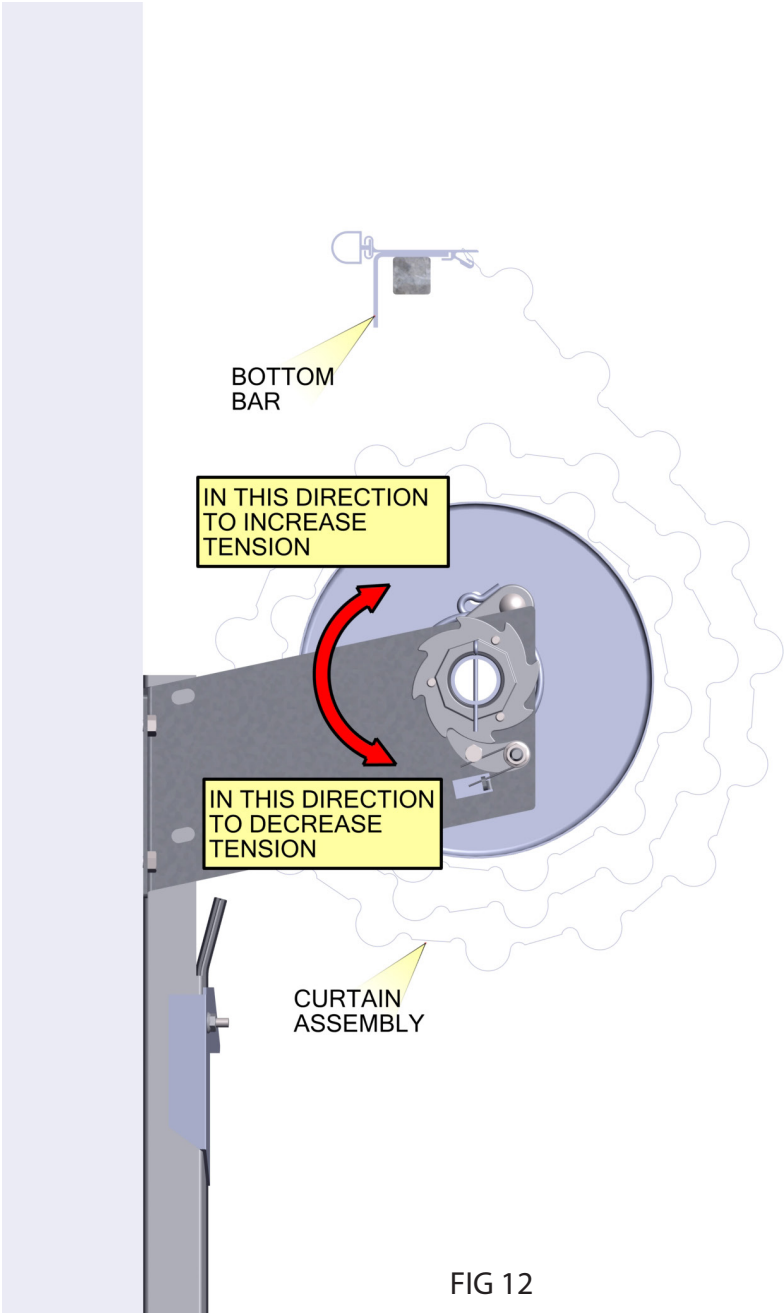


FIG 12

SECTION 5 - DOOR INSTALLATION

STEP 8 INSTALLING LIFT HANDLE, STOP CLIPS AND OPTIONAL SLIDE BOLT LOCKS

• Install a lift handle in the center of the bottom bar using 1/4"-20 x 5/8" carriage bolts and 1/4"-20 flange hex nuts, placed so the nut is on the coil side, or inside of door as shown. If the opening width is greater than 5 foot and the door does not have slide bolt locks, install a second lift handle on the right hand side of the bottom bar (outside looking in). See FIG 13.
• Install 1/4"-20 x 5/8" carriage bolts and 1/4"-20 flange hex nuts in all remaining bottom bar holes. See FIG 13.

For DS-75 Mini 'Z' Stop-Clip Attachment:

• Install the 'Z' stop-clip as shown on the right. Since the stop-clip has a retaining tab on top, it only requires one bolt to secure it to the bottom bar. Repeat assembly procedure for both sides. See FIG 14.

For DS-50 & 100 'C' Stop-Clip Attachment:

• For doors with an aluminum bottom bar, a 'C' stop-clip will need to be installed. Only one bolt is required to secure the stop-clip to the bottom bar when attaching a lift handle on that side. Repeat assembly procedure for both sides. See FIG 15.

For 'C' Stop-Clip w/ Inside Slide Bolt Attachment:

• Install slide bolt locks, if provided, as shown. The bottom bar will have (4) carriage bolts & flange nuts pre-attached. See FIG 16.
• Verify that the flat sides of the nuts are horizontal to the bottom bar. This ensures smooth operation of the slide bolt. Place the slide bolt lock so that the slot rides on the flange nuts. Then, add the stop-clip and attach, using the flanged nuts. See FIG 16.
• Repeat assembly procedure for both sides.

⚠ WARNING

Failure to properly install stop-clips to the bottom of the door may result in serious injury or death.

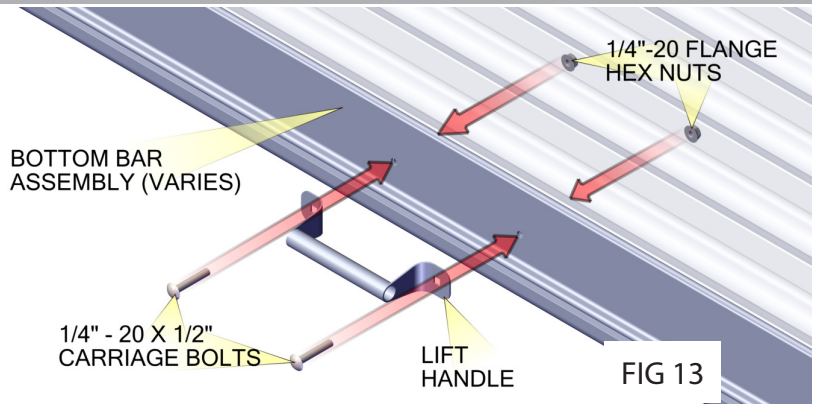


FIG 13

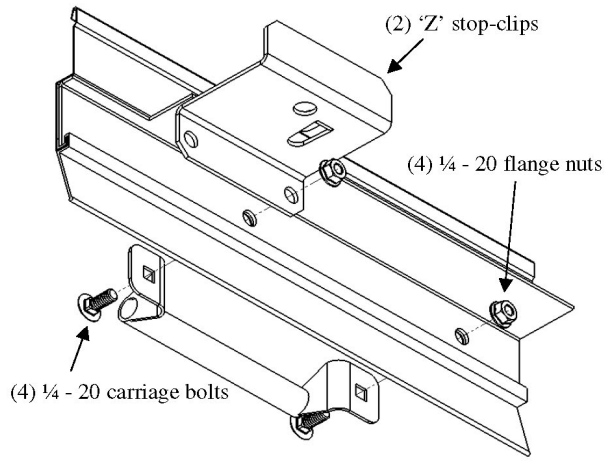


FIG 14

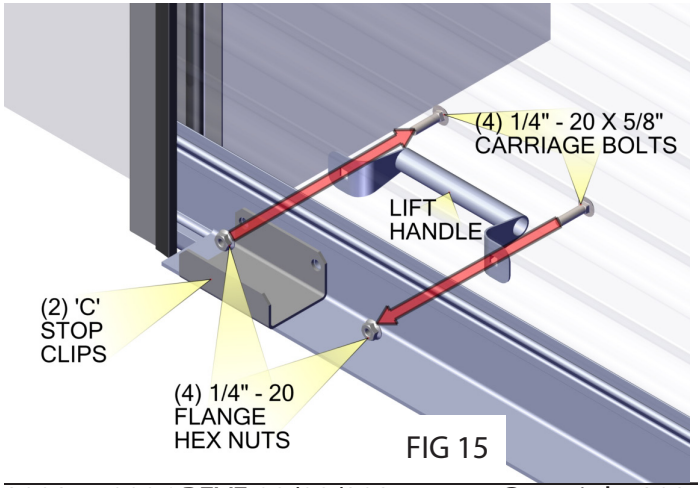


FIG 15

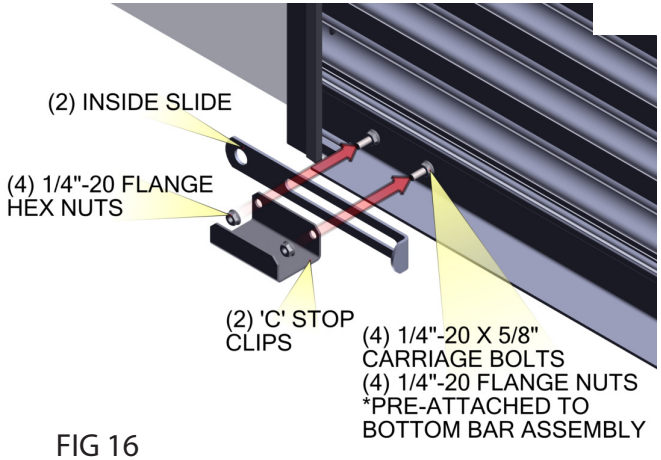


FIG 16

SECTION 5 - DOOR INSTALLATION

STEP 9 INSTALLING OPTIONAL TOP DRAFT

• Close the door and secure it in the down position.
• Use a pencil to mark the door panel corrugation that is parallel with the bottom of the header/lintel from the outside of the opening. If this corrugation protrudes below the header, mark the one just above.
• Open the door until the marked corrugation is accessible.
• Stretch the top draft stop across the door and attach it to the curtain on the marked corrugation with the self-drilling screws provided, locating the screws on 12" centers.
• Trim the top draft stop to clear the guides if required. When the door is closed, the draft-stop should seal on the header. See FIG 17 and FIG 18.

NOTE: Top draft stop may not seal on the header if not installed on a corrugation, as shown.

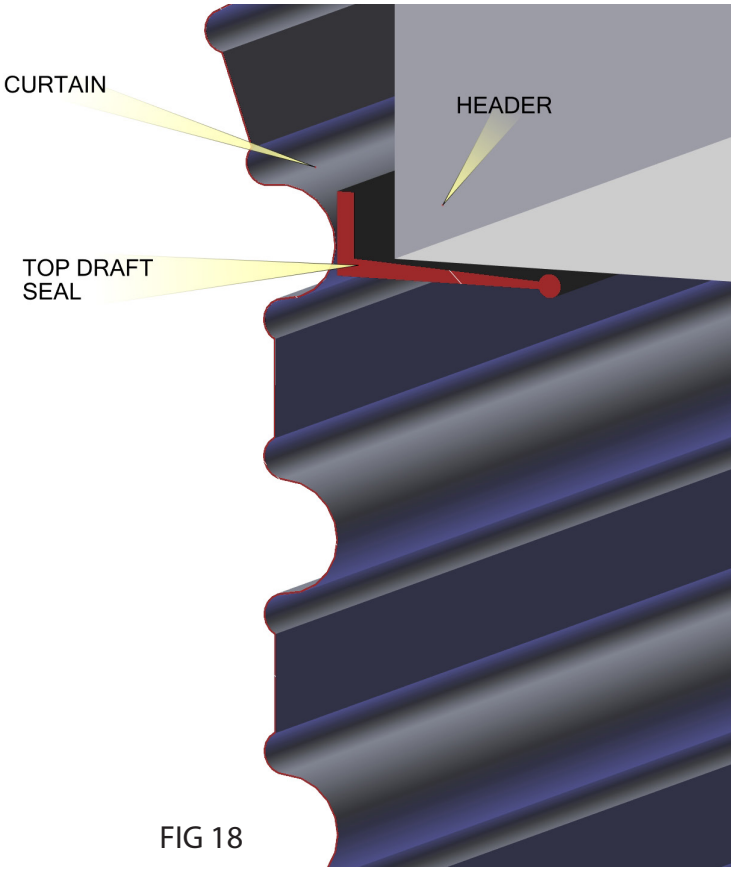


FIG 18

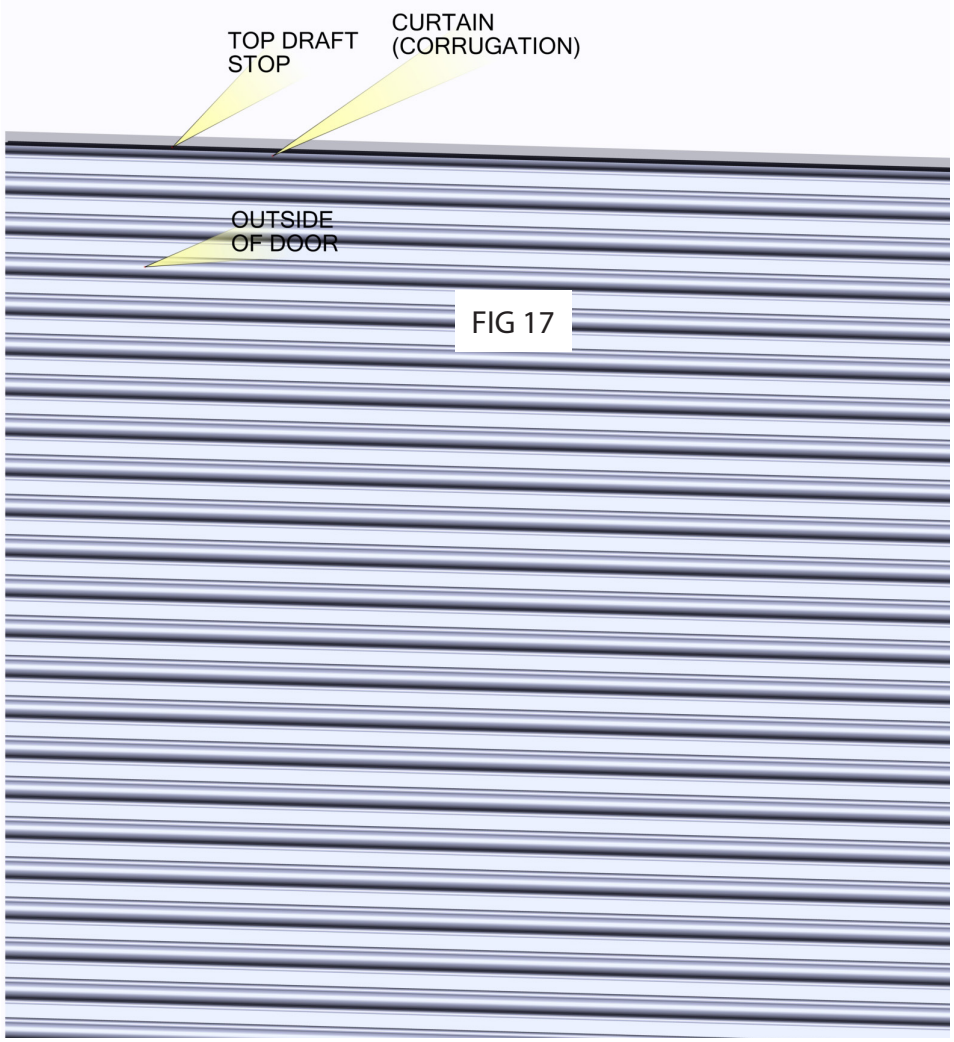


FIG 17

SECTION 5 - DOOR INSTALLATION

STEP 10 INSTALLING THE OPTIONAL TENSION-PRO SPRING ADJUSTMENT BRACKET

STEP 10a: Install the Tension-Pro™ bracket on the left hand side of the curtain assembly per STEPS 2 and 3 in this manual. Insert cotter pin through hole in the axle end. Do not use large washer (shown in step #3) on the Tension-Pro™ bracket side axle end. Bend the ends of the cotter pin to secure in position. See FIG 19.

STEP 10b: Stretch and attach spring end to the spring holder plate of the Tension-Pro™ bracket. Tighten the flange nylon lock hex nut to keep spring in place.

STEP 10c: Using a pipe wrench, rotate the large nut clockwise 2 turns to pre-tension the spring. Then, lubricate and adjust guides.

STEP 10d: Test door operation to determine if spring balance requires adjustment. Adjust tension as needed per the following instructions.

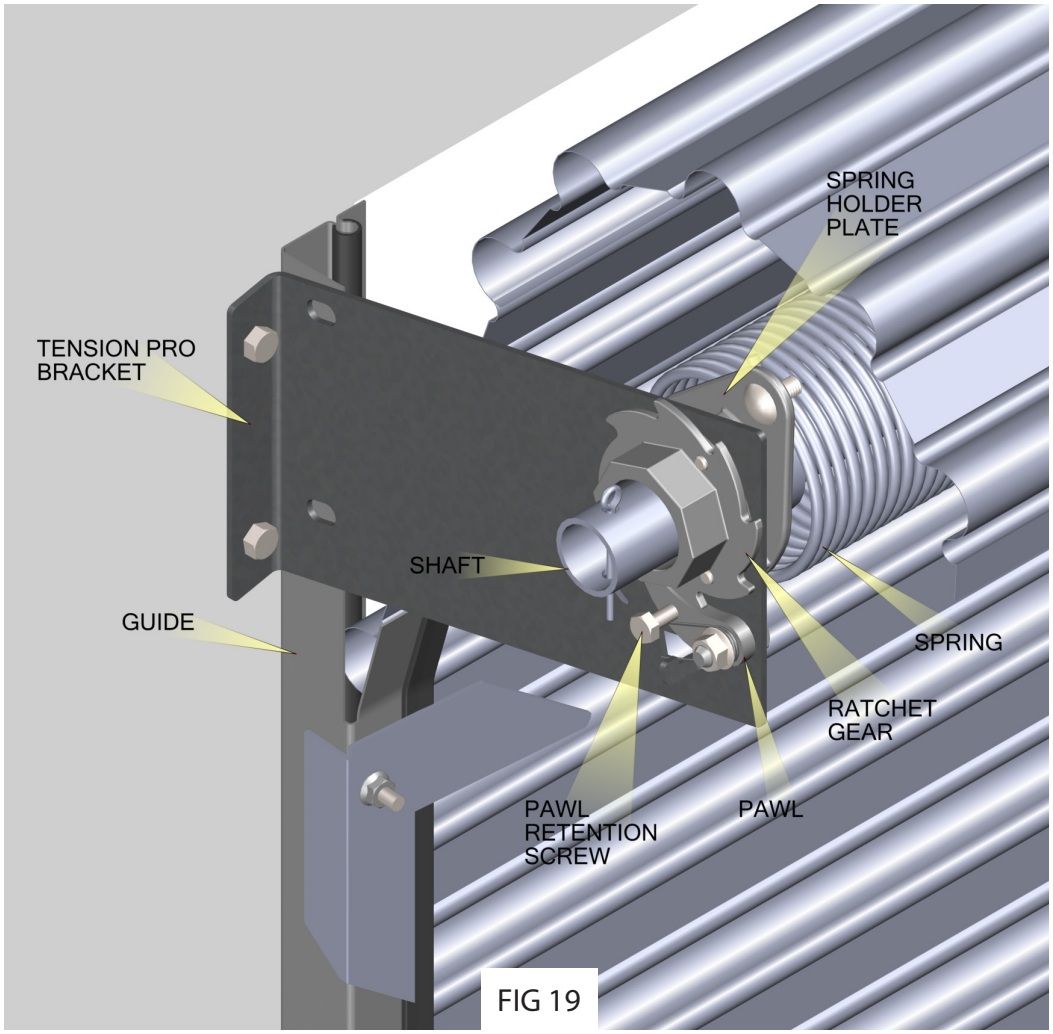


FIG 19

⚠ WARNING

Spring tension can cause severe or fatal injury. To avoid injury, repairs/ adjustments must be made by a trained door technician.

⚠ WARNING

Spring tension increases as door closes. To avoid possible Injury, door must be fully open when adjusting spring tension.

⚠ WARNING

Pipe wrench interference can prevent pawl from engaging with ratchet gear. Always adjust tension one "CLICK" (gear tooth) at a time. Reposition wrench for each adjustment. Failure of pawl to engage with ratchet gear can cause severe or fatal injury.

⚠ WARNING

Contact with rapidly rotating ratchet gear can cause severe or fatal injury. If wrench slips when decreasing tension, release pawl immediately to avoid injury. Do not secure pawl in the disengaged position.

SECTION 5 - DOOR INSTALLATION

STEP 10 INSTALLING THE OPTIONAL TENSION-PRO SPRING ADJUSTMENT BRACKET CONTINUED...

To Increase Spring Tension:

Move the door to the fully open position and place clamps on the guides to prevent door from closing. Using a large pipe wrench, grip the tensioning hex plate and rotate the ratchet gear assembly in the direction indicated above until an audible "CLICK" is heard (one gear tooth). See FIG 20. Operate the door to determine if the spring tension increase was sufficient. Repeat spring tension increase procedure until door is properly balanced.

To Decrease Spring Tension:

Move the door to the fully open position and place clamps on the guides to prevent door from closing. Using a large pipe wrench, grip the tensioning hex plate and remove the spring tension force from the pawl. Grip the pawl retention screw and pull the pawl in the direction indicated above to keep it disengaged. Slowly release spring tension held with the pipe wrench, allowing the ratchet gear to begin to rotate in the direction indicated above. The spring tension will rotate the gear in the proper direction. Once the stop face of the previously engaged tooth has passed the tip of the pawl, release the pawl to allow it to engage the next tooth. See FIG 21. Operate the door to determine if the spring tension decrease was sufficient. Repeat spring tension decrease procedure until door is properly balanced.

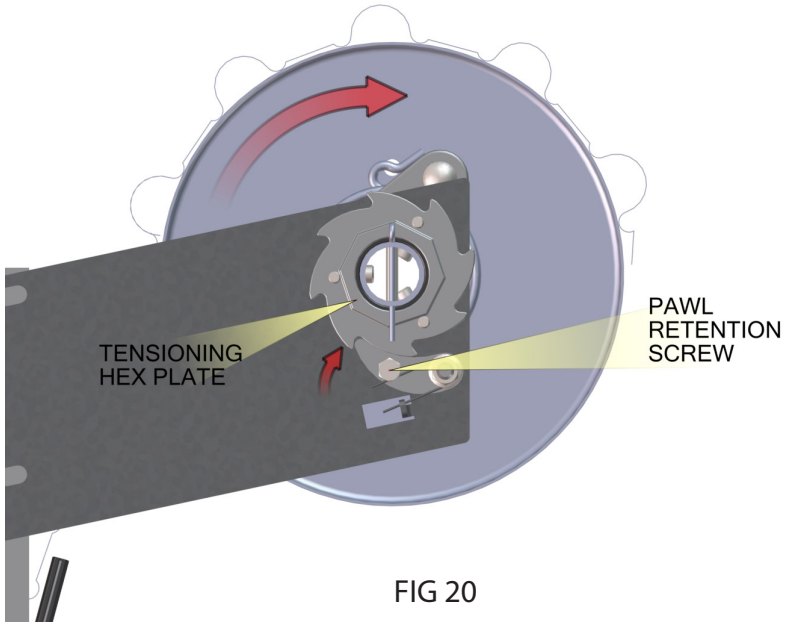


FIG 20

STEP 10e: Once spring tension has been adjusted and the door is properly balanced, lock the pawl in position by tightening the pawl retention screw until it penetrates the bracket. Test that the pawl is locked in position by attempting to add one(1) "CLICK" of tension. If properly locked, the ratchet gear will not be able to rotate. If ratchet gear rotates, adjust tension back to previous position, verify that the pawl retention screw is lined up with the hole in the bracket, and tighten the pawl retention screw. Return to STEP 10 in this manual and continue with the door installation.

⚠ WARNING

If pawl retention screw does not penetrate hole in Tension- Pro bracket, spring tension could be released during door operation, allowing door to close rapidly, possibly causing severe or fatal injury.

⚠ WARNING

The pawl retention screw, if not properly aligned with the hole in the Tension-Pro bracket, can cause pawl to disengage. To prevent severe or fatal injury from unexpected release of spring tension, do not drive retention screw with screw gun.

⚠ WARNING

To prevent severe or fatal injury, keep fingers, hands, arms and loose clothing away from all moving mechanisms.

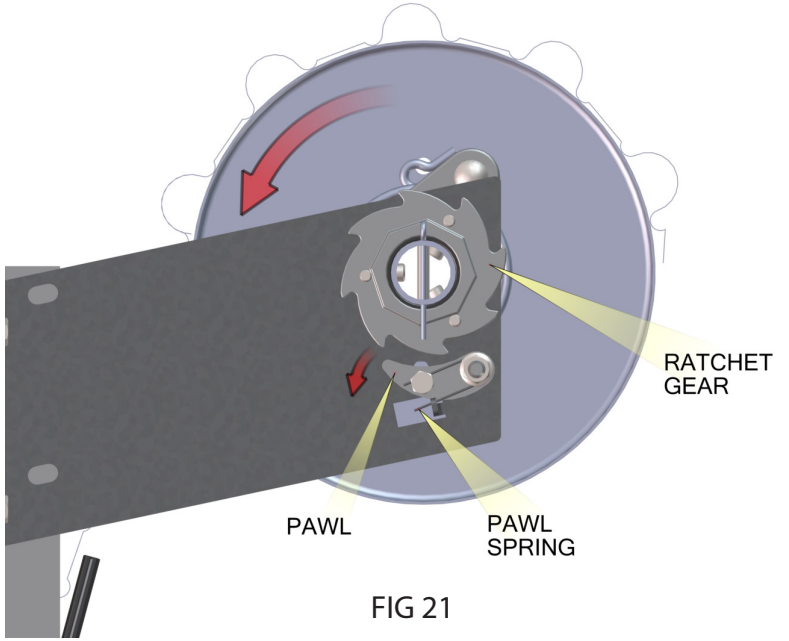


FIG 21

SECTION 6 - OPERATOR INSTALLATION

STEP 11 INSTALL COUPLER

• On the right hand side of the door, insert the coupler onto the shaft. Slide the coupler all the way up against the bracket. Secure the coupler to the shaft by inserting the spring pin all the way though the coupler. See FIG 22 and FIG 23.

NOTE: To help keep the spring pin and coupler holes aligned, hold a 5.5mm allen wrench through the coupler and shaft pin holes on one side while lighlty hammering the spring pin through the opposite side of the coupler till the spring pin reaches through all the way through the coupler.

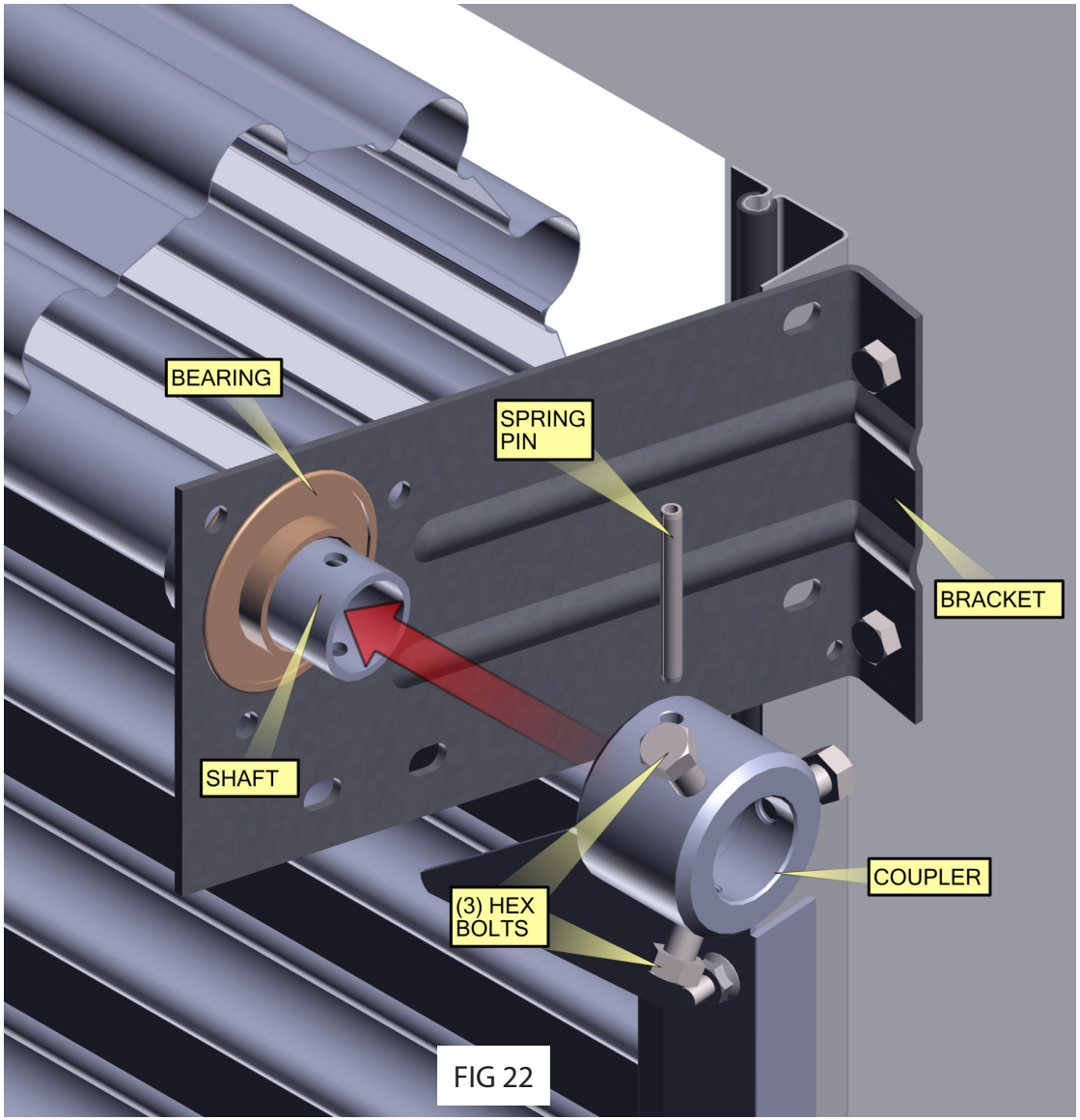


FIG 22

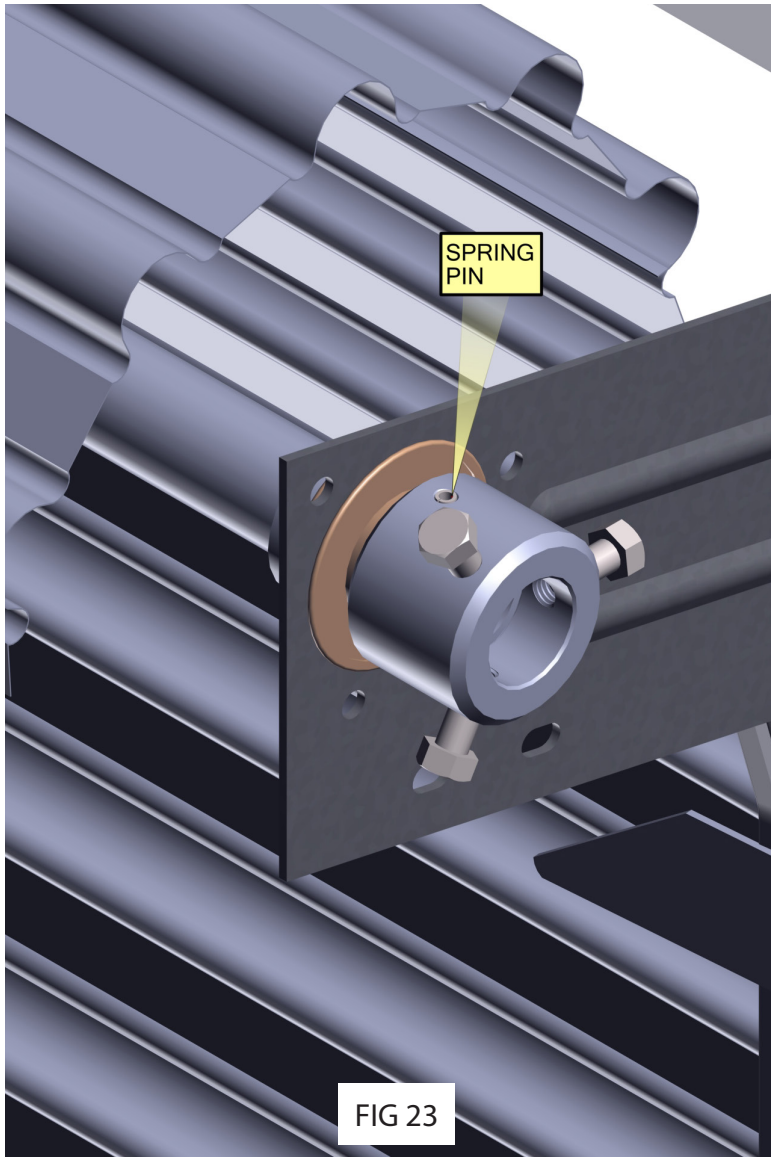


FIG 23

SECTION 6 - OPERATOR INSTALLATION

STEP 12 INSTALL OPERATOR BRACKET

• Install operator bracket to the bracket using 1/4″-20 x 5/8″ carriage bolts and 1/4″-20 flange hex nuts. See FIG 24.

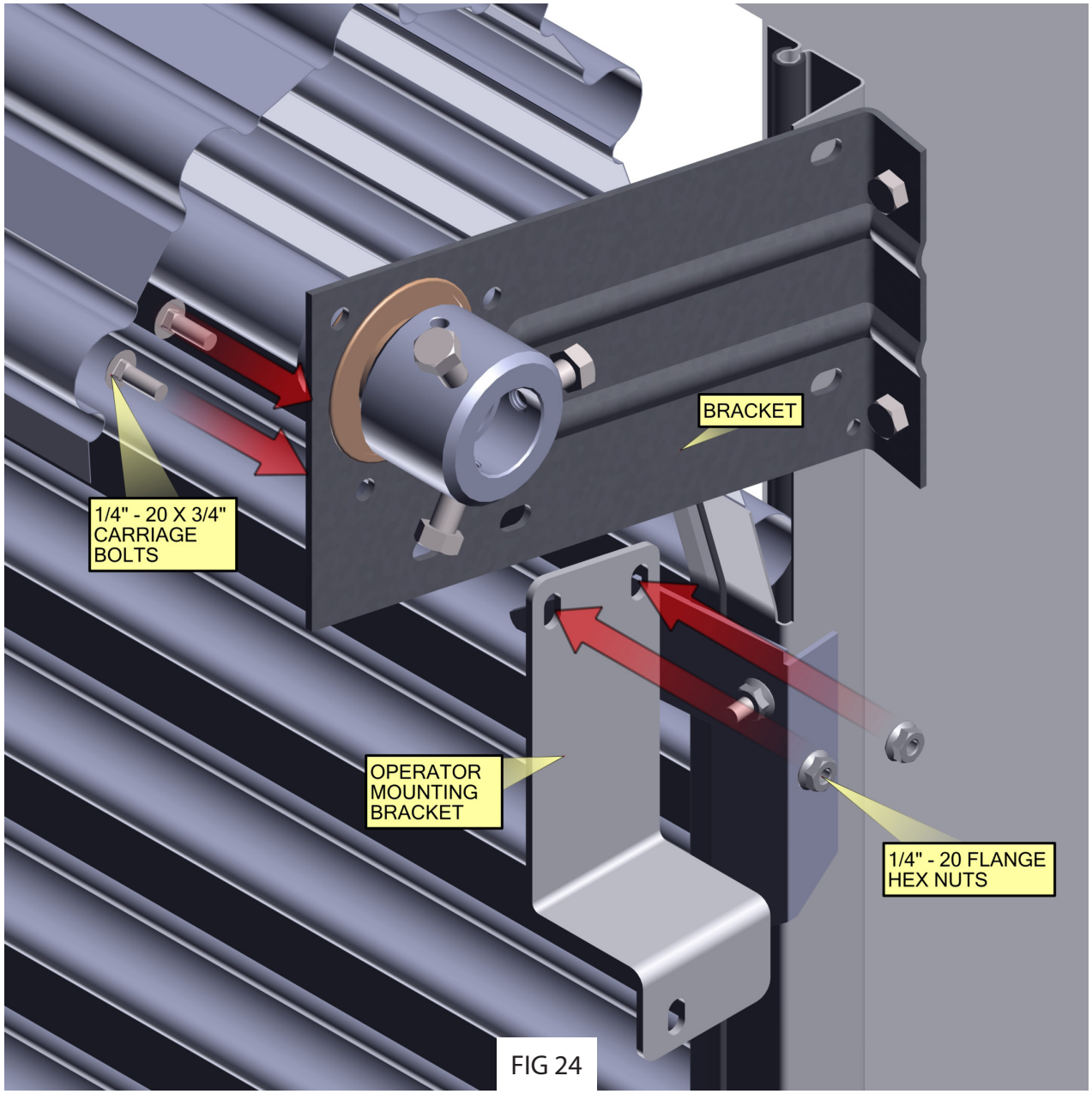


FIG 24

SECTION 6 - OPERATOR INSTALLATION

STEP 13 INSTALL OPERATOR

• Remove mounting bolts from operator and set aside.
• Lift the Operator using appropriate lifting equipment and align the operator shaft with the coupler. Insert the operator shaft into the coupler ensuring that the operator side plate bearing race is flush up against the coupler. See FIG 25 and FIG 26.
• Once the Operator is in position and aligned, attach the operator to the bracket with the previously removed bolts. See FIG 25.
• Tighten all hex bolts in the coupler. Once the hex bolts make contact with the shaft, tighten an additional one full turn. See FIG 26.

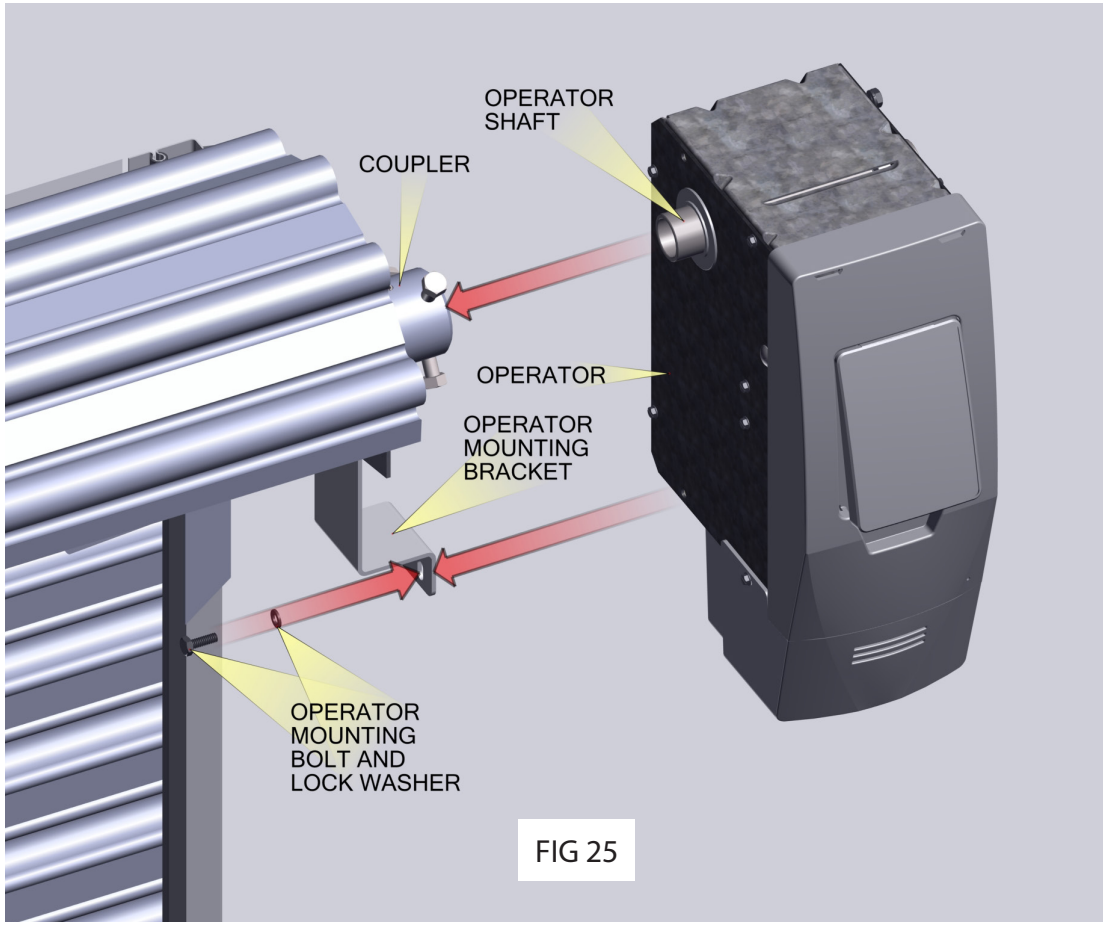


FIG 25

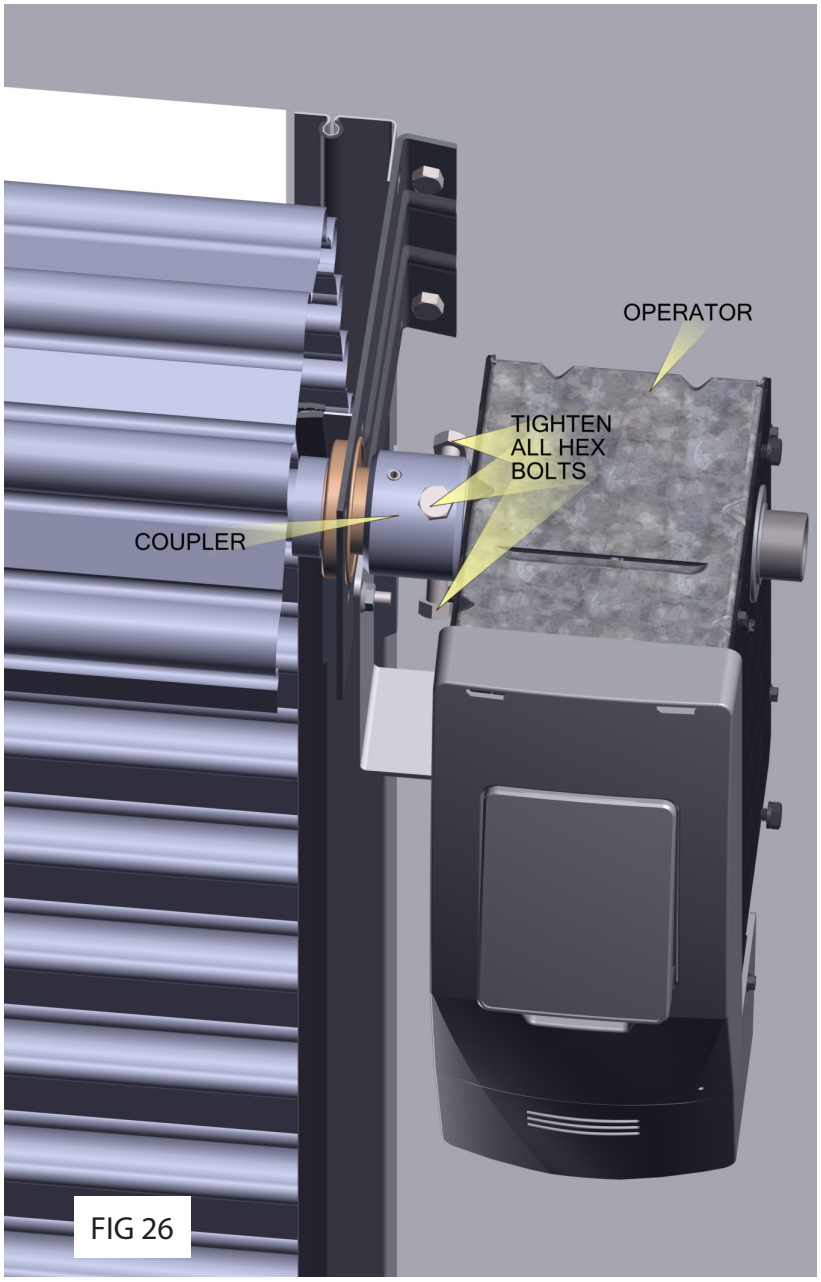


FIG 26

SECTION 6 - OPERATOR INSTALLATION

STEP 14 INSTALL BOTTOM BAR WEIGHT

• Remove existing bolts for the center door handle.
• From inside the door, center the bottom bar onto the bottom angle. Secure the bottom bar weight and the door handle on the opposite side of the curtain using (2) 1/4" - 20 X 1-1/2" carriage bolts. See FIG 27.

IMPORTANT: REFER TO YOUR OPERATOR INSTALLATION INSTRUCTIONS FOR WIRING AND PROGRAMMING THE OPENER.

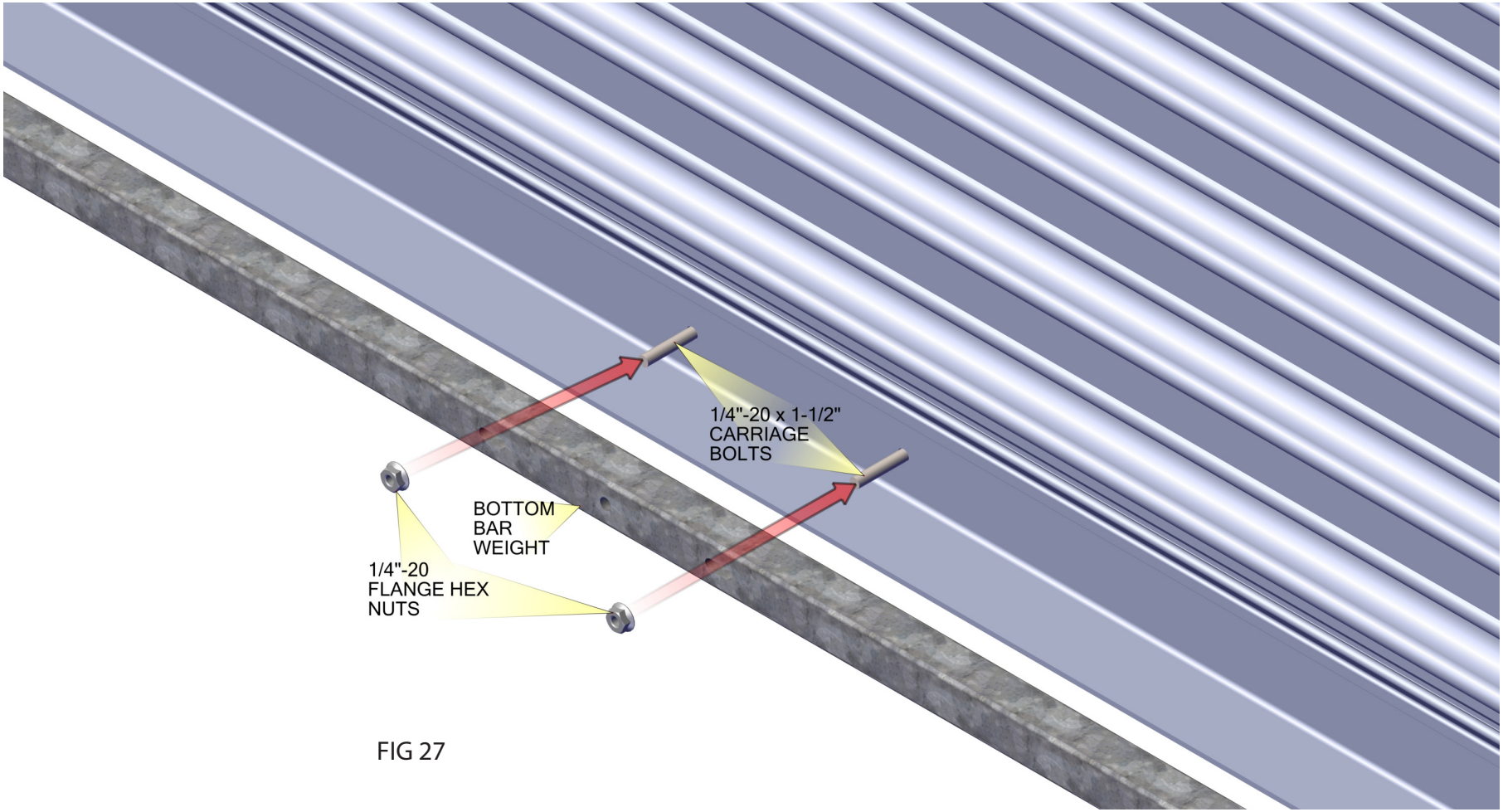


FIG 27

MAINTENANCE INSTRUCTIONS

OWNER'S RECOMMENDED PREVENTATIVE MAINTENANCE

To keep shutter in good working condition, these are some things we recommend doing:

- Keep guides of shutter system free from any debris at all times.

Every month

- Wipe down the inside of shutter system guides with a damp towel to remove any dirt or debris.
- If you so choose, you can wash the security shutter curtain. Be sure to completely close the shutter and wipe down curtain with towel and a mild cleanser. Be sure to wipe off any cleanser with a clean towel.

Every six months

The above frequency of maintenance is for normal low cycle operation. Frequency of operation or unusual operating conditions may require modification of the times between maintenance.

- The guides should be lubricated with a paste wax or silicone spray.
- The bearing with a grease fitting, located on bracket attaching operator to shaft should be lubricated.

BENEFITS OF PROFESSIONAL PREVENTATIVE MAINTENANCE PROGRAM

There are many benefits to opting into a Professional Preventative Maintenance Program, where the local dealer's technician services your shutter system on a scheduled basis. Contact your local Wayne Dalton dealer for more details on their program offering.

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

RECOMMENDED SCOPE OF WORK FOR PROFESSIONAL SECURITY SHUTTER PREVENTIVE MAINTENANCE PROGRAM

It is recommended that you arrange for a Wayne Dalton dealer's professional installer/technician to perform the following as precautionary measures to keep your shutter system running smoothly and to maximize the life of the product.

SECURITY SHUTTER:

⚠ WARNING

Never remove, adjust, or loosen the bolts, screws and/or lag screws on the spring system of the door. These components are connected to the spring(s) and are under extreme tension. To avoid possible severe or fatal injury, have any such work performed by a trained door systems technician using proper tools and instructions.

1) Inspect shutter alignment and level.
2) Inspect slats and endlocks for damage.
3) Inspect all guides, bottom bar and hood for damage.
4) Inspect all bottom astragal for wear or damage.
5) Inspect and lubricate bearings.
6) Inspect fasteners.
7) Inspect locks for proper operation.
8) Inspect safety labels, placement and condition.

MOTOR OPERATORS:

1) Inspect and adjust limit switches.
2) Inspect operator mounting.
3) Inspect and test disconnect for manual override.

Roll-Up Sheet Door
LIMITED WARRANTY

Wayne-Dalton
P.O. Box 67- Mt. Hope, Ohio 44660

The Manufacturer warrants the ROLL-UP SHEET DOOR and hardware fittings for a period of ONE YEAR from the time of delivery against any defects in workmanship or material. Manufacturer shall, upon notification, correct such nonconformity at its option, by repairing or replacing any defective part or parts.

NO EMPLOYEE, DISTRIBUTOR, OR REPRESENTATIVE IS AUTHORIZED TO CHANGE THE FOREGOING WARRANTIES IN ANY WAY OR GRANT ANY OTHER WARRANTY ON BEHALF OF MANUFACTURER.

The Manufacturer shall not be responsible for any damage resulting to or caused by its products by reason of installation, improper storage, unauthorized service, alteration of products, neglect or abuse, or attempt to use the products for other than the customary usage or for their intended purposes. The ROLL-UP SHEET DOOR warranty becomes null and void if other than Manufacturer's specified holes are drilled. The above warranty does not cover wear or any damage beyond Manufacturer's control or replacement labor.

THIS WARRANTY COVERS A COMMERCIAL PRODUCT, THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES AND NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES, EXPRESSED OR IMPLIED, (INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE), ARE MADE BY MANUFACTURER IN CONNECTION WITH MANUFACTURE OR SALE OF ITS PRODUCTS.

Claims for defects in material and workmanship covered by this warranty shall be made in writing to the dealer from whom the product was purchased within the warranty period. Manufacturer may either send a service representative or have the product returned to the Manufacturer at Buyer's expense for inspection. If judged by Manufacturer to be defective in material or workmanship, the product will be replaced or repaired at the option of Manufacturer, free from all charges except authorized transportation and replacement labor.

THE REMEDIES OF BUYER SET FORTH HEREIN ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER REMEDIES. THE LIABILITY OF MANUFACTURER, WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY, OR OTHERWISE, SHALL NOT EXTEND BEYOND ITS OBLIGATION TO REPAIR OR REPLACE, AT ITS OPTION, ANY PRODUCT OR PART FOUND BY MANUFACTURER TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP. MANUFACTURER SHALL NOT BE LIABLE FOR COST OF REMOVAL OR INSTALLATION OR SHALL NOT BE RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

This warranty gives you specific legal rights which may vary from state to state. However, some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Wayne-Dalton
Door & Systems Division
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Dundee, OH 44624
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