The Genuine. The Original.

OVERHEAD DOOR®

THESE INSTRUCTIONS ARE FOR USE BY TRAINED TECHNICIANS

Thermacore® Models 593, 594, 598

SECTIONAL DOOR INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL

COMMERCIAL STEEL DOOR

If you need assistance, please contact your local Overhead Door™ Distributor. To find your local Overhead Door™ Distributor, go to the Find an Overhead Door™ Distributor section Online at **www.OverheadDoor.com**.

IMPORTANT NOTICES!

To avoid possible injury, read and fully understand the enclosed instructions carefully before installing and operating the garage door. Pay close attention to all warnings and notes. After installation is complete, fasten this manual near garage door for easy reference.

The complete installation instruction manuals are available on our Ribbon Connect customer portal at **https://connect.overheaddoor.com**.

Overhead Door Corporation
2501 South State Highway 121, Suite 200,
Lewisville, TX., 75067

Part Number 407176-0007 REVF_05/29/2024

Table Of Contents

Important Safety Instructions

DEFINITION OF KEY WORDS USED IN THIS MANUAL:

DANGER

INDICATES A HAZARDOUS SITUATION THAT, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.

WARNING

INDICATES A HAZARDOUS SITUATION THAT, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.

CAUTION

INDICATES A HAZARDOUS SITUATION THAT, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY.

NOTICE

INDICATES INFORMATION CONSIDERED IMPORTANT, THAT IT IS NOT RELATED TO INJURY, BUT MAY RESULT IN PROPERTY DAMAGE.

IMPORTANT: Required key step for proper door operation.

NOTE: Information only.

Installation:

DANGER

EXTREME CAUTION SHOULD BE USED WHEN WINDING SPRINGS AS FAILURE TO FOLLOW THE INSTRUCTIONS OR USE THE PROPER TOOLS CAN LEAD TO SERIOUS INJURY TO PERSONS AND PROPERTY. BEFORE ATTEMPTING TO WIND THE SPRING, MAKE SURE YOU HAVE READ AND UNDERSTAND THE INSTRUCTIONS. IF YOU ARE UNCLEAR ON ANY ASPECT OF THE INSTALLATION PROCEDURES, YOU SHOULD CONSULT A TRAINED DOOR SYSTEMS TECHNICIAN.

• READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING INSTALLATION. IF YOU ARE IN QUESTION ABOUT ANY OF THE PROCEDURES, DO NOT PERFORM THE WORK. INSTEAD, HAVE A TRAINED DOOR SYSTEMS TECHNICIAN DO THE INSTALLATION OR REPAIRS.

WARNING

INSTALLING THIS DOOR PROPERLY REQUIRES THE USE OF SPECIAL TOOLS AND TECHNIQUES. ALWAYS USE THE CORRECT TOOLS OR TECHNIQUES WHEN PERFORMING INSTALLATION. FAILURE TO USE PROPER TOOLS OR TECHNIQUES OR ADHERE TO SAFETY MESSAGES, COULD RESULT IN SEVERE OR FATAL INJURY.

• DO NOT INSTALL DOOR IN WINDY CONDITIONS. DOOR COULD FALL DURING THE INSTALLATION, CAUSING SEVERE OR FATAL INJURY.

CAUTION

• WEAR PROTECTIVE GLOVES AND EYE PROTECTION DURING INSTALLATION TO AVOID POSSIBLE INJURY.

• DOORS 12'-0" WIDE AND LARGER SHOULD BE INSTALLED BY TWO PERSONS, TO AVOID POSSIBLE INJURY.

• ON ELECTRICALLY OPERATED DOORS, PULL DOWN ROPES MUST BE REMOVED AND LOCKS MUST BE REMOVED OR MADE INOPERATIVE IN THE OPEN (UNLOCKED) POSITION, UNLESS ELECTRICAL INTERLOCKS ARE INSTALLED.

• IF ANY PART OF THE DOOR IS TO BE INSTALLED ONTO PRESERVATIVE-TREATED WOOD, PTFE-COATED OR STAINLESS STEEL FASTENERS MUST BE OBTAINED AND USED. REPLACEMENT FASTENERS MUST BE OF AT LEAST EQUAL STRENGTH AND SIZE AS ORIGINAL FASTENERS. IF THE ORIGINAL FASTENER WAS RED-HEAD, THE REPLACEMENT FASTENER MUST BE RED-HEAD ALSO. CONTACT OVERHEAD DOOR CORPORATION FOR FASTENER STRENGTH VALUES IF NEEDED.

NOTICE

IMPACT GUNS ARE NOT RECOMMENDED. WHEN INSTALLING 5/16" LAG SCREWS USING AN ELECTRIC DRILL/ DRIVER, THE DRILL/ DRIVERS CLUTCH MUST BE SET TO DELIVER NO MORE THAN 200 IN-LBS OF TORQUE. FASTENER FAILURE COULD OCCUR AT HIGHER SETTINGS.

IMPORTANT: Check with your local building official for wind load code requirements and building permit information.

IMPORTANT: For windloaded doors, the wind performance is achieved via the entire door system and component substitution is not authorized without express permission by the manufacturer.

NOTE: For door heights greater than 10 feet or a door balance weight greater than 400 pounds, Chain Hoist or Motor Operator is recommended.

Operation:

⚠ WARNING

TO PREVENT DEATH OR SERIOUS INJURY WHILE OPERATING THE DOOR, ENSURE THE PATH OF THE DOOR IS NOT OBSTRUCTED BY ANY PERSON OR OBJECT AND ADHERE TO THE FOLLOWING SAFETY MEASURES.

- Operate door only when it is properly adjusted and free from obstructions.
- If a door becomes hard to operate, inoperative or is damaged, immediately have necessary adjustments and/ or repairs made by a trained door system technician using proper tools and instructions.
- **DO NOT** stand or walk under a moving door, or permit anybody to stand or walk under an electrically operated door.
- **DO NOT** place fingers or hands into open section joints when closing a door. Use lift handles/ gripping points when operating door manually.
- **DO NOT** permit children to operate garage door or door controls. Severe or fatal injury could result should the child become entrapped between the door and the floor.
- Visually inspect door and hardware monthly for worn and or broken parts. Check to ensure door operates freely. Test electric opener's safety features monthly, following opener manufacturer's instructions.
- **NEVER** hang tools, bicycles, hoses, clothing or anything else from horizontal tracks. Track systems are not intended or designed to support extra weight.

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 Opener. Do **NOT** operate a Door that jams or one that has a broken spring.
 High tension spring	**⚠ DANGER** Will 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.

IMPORTANT: RIGHT and LEFT hand is determined inside the building looking out.

REMOVING AN EXISTING DOOR AND PREPARING THE OPENING

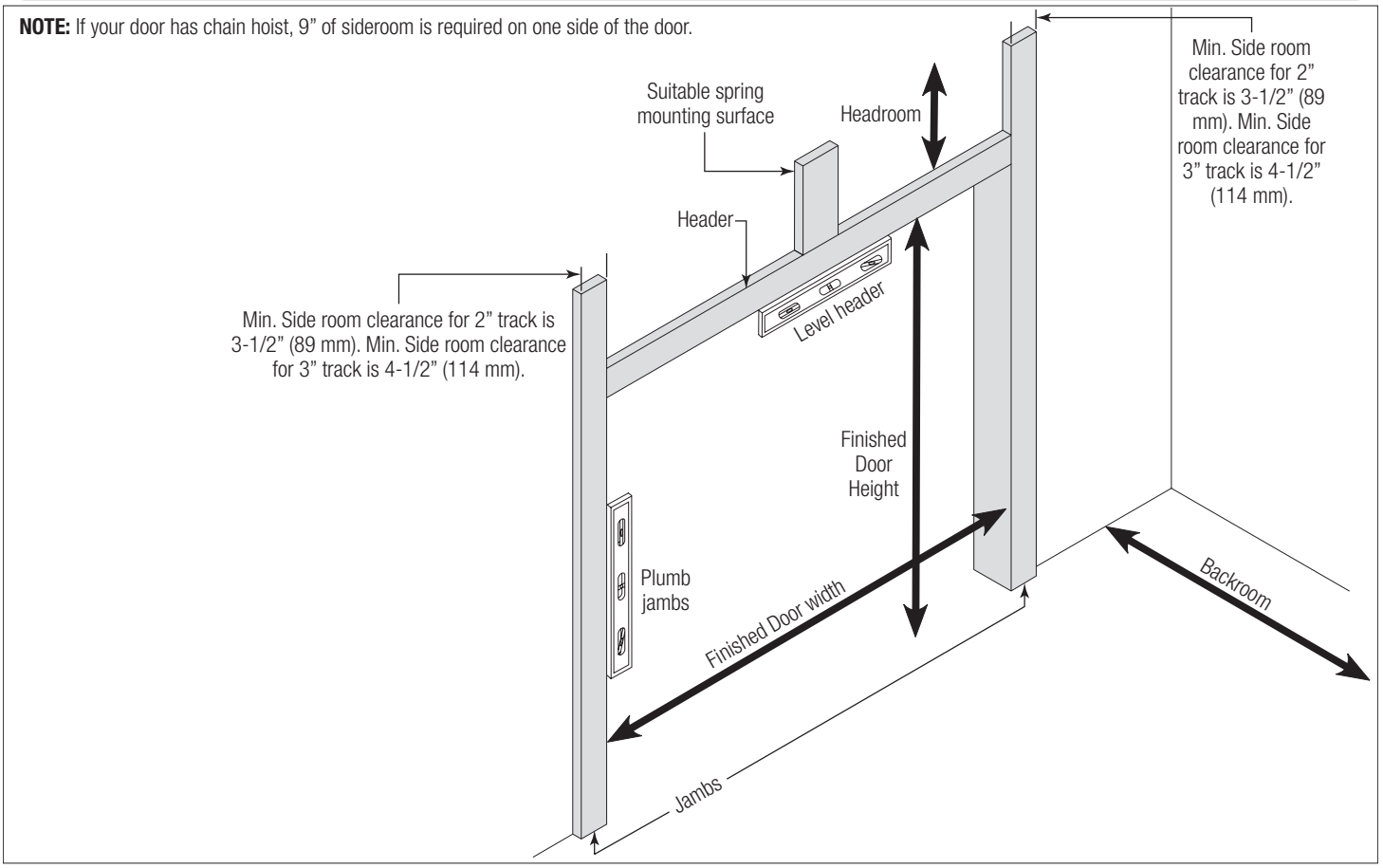

Figure 1

DANGER

AVOID INJURY! A POWERFUL SPRING RELEASING ITS ENERGY SUDDENLY WILL CAUSE SEVERE OR FATAL INJURY. ALWAYS HAVE A TRAINED DOOR SYSTEMS TECHNICIAN, USING PROPER TOOLS AND INSTRUCTIONS, RELEASE THE SPRING TENSION.

DANGER

COUNTERBALANCE SPRING TENSION MUST ALWAYS BE RELEASED BEFORE ANY ATTEMPT IS MADE TO START REMOVING AN EXISTING DOOR. EXTREME CAUTION SHOULD BE USED WHEN UNWINDING SPRINGS AS FAILURE TO FOLLOW THE INSTRUCTIONS OR USE PROPER TOOLS WILL LEAD TO SERIOUS INJURY.

See Figure 1 for the following steps.

To ensure secure mounting of track brackets, side and center brackets, or steel angles to new or retro-fit construction, it is recommended to follow the procedures outlined in DASMA technical data sheets #156, #161 and #164 at **www.dasma.com**.

- For Steel Jambs or Angle In Mounting, door sections should be 2" wider than door opening.
- For wood jambs, the inside perimeter of your garage door opening should be framed with wood jamb and header material. It is recommended that 2" x 6" lumber be used.
- The jambs and header must be securely fastened to sound framing members. The jambs must be plumb and the header level.
- Masonry installations, mount directly to the masonry or the jambs and header should be cased with 2" x 6" lumber.
- For low headroom applications, the jambs should extend to the ceiling height. Minimum side clearance required, from the opening to the wall for 2" track is 8" (203 mm). Minimum side clearance required for 3" track is 9" (229 mm).

NOTICE

CLOSELY INSPECT JAMBS, HEADER AND MOUNTING SURFACE. ANY WOOD FOUND NOT TO BE SOUND, MUST BE REPLACED.

For Torsion counterbalance systems, a suitable mounting surface (2" x 6") must be firmly attached to the wall, above the header at the center of the opening.

NOTICE

DRILL A SUITABLE PILOT HOLE IN THE MOUNTING SURFACE TO AVOID SPLITTING THE LUMBER. DO NOT ATTACH THE MOUNTING SURFACE WITH NAILS.

Headroom requirement:

Headroom required is defined as the space needed above the top of the door for tracks, springs, etc. to allow the door to open properly.

If the door is to be motor operated, 3" (76 mm) of additional headroom is required.

Standard Track	Headroom	Lift Clearance Track	Headroom	Full Vertical Track
Door Opening 7'0" To 10'0"	15"	3-3/4" Wall To Centerline of Counterbalance Shaft	Lift Clearance + 10"	Headroom Opening Height + 14"
Door Opening 10'1" To 14'0"	16-1/2"	5" Wall To Centerline of Counterbalance Shaft	Lift Clearance + 14"	

Backroom requirement:

Backroom required is defined as the distance needed from the opening back into the garage to allow the door to open fully.

***NOTE:** For door heights from 10'1" to 14'0", refer to your operator manufacture installation instructions for appropriate depth into room.

Track	Depth
Standard	Opening Height + 18"
Lift Clearance	Opening Height – Lift Clearance + 32"
Full Vertical	18"

Package Contents

NOTE: Depending on the door model, some parts listed may not be required, and will not be supplied.

Components and Hardware

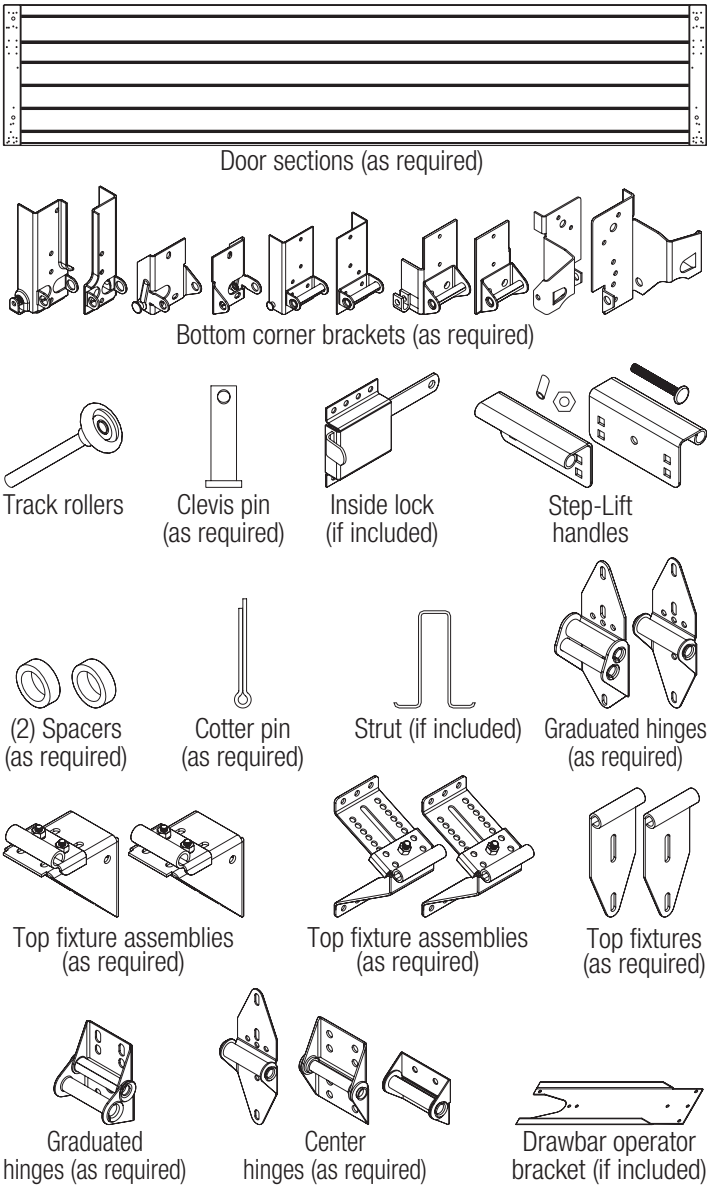

Figure 2

Fasteners

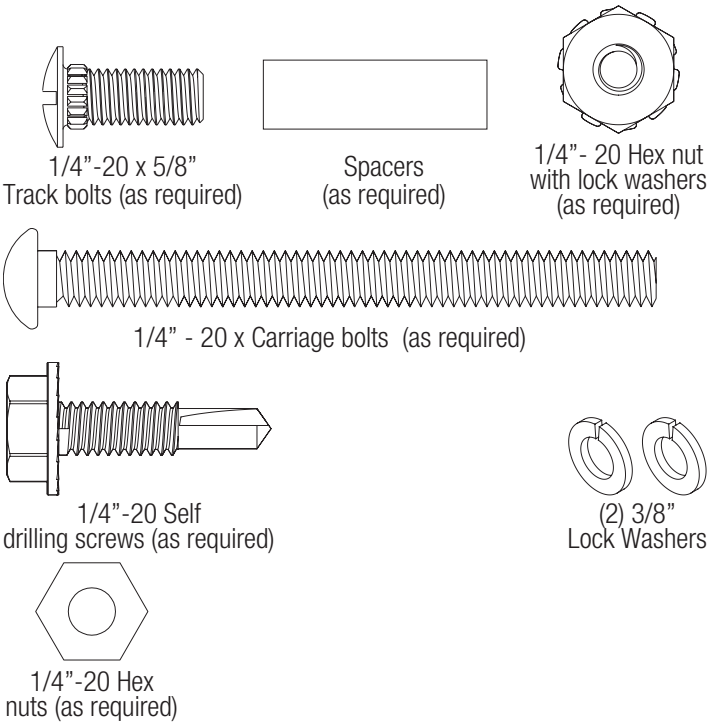

Figure 3

Door Section Identification

See Figure 4 and Figure 7 For The Following Steps.

When installing your door you must use sections of the appropriate height in the right stacking order. Door sections are either 24", 21" or 18" in Section Height. Refer to the Door Information Label attached to the side of each section below to determine the right stacking order.

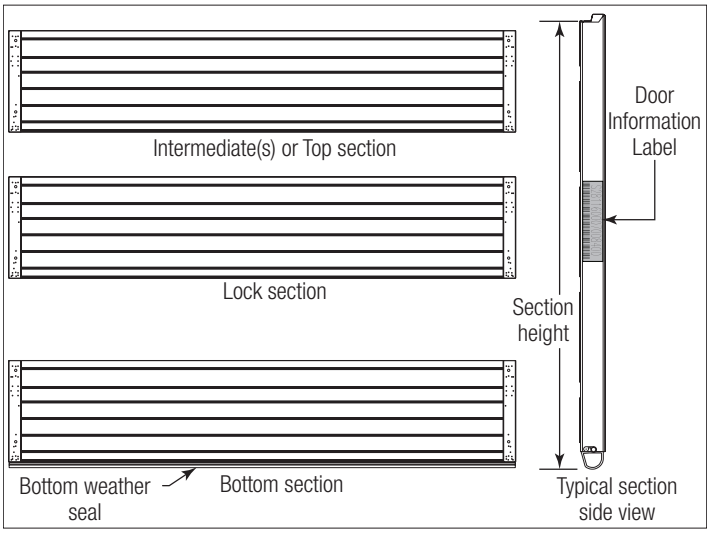

Figure 4A

DENOTES KIND OF SECTION:

T = Top Section

I = Intermediate Section

X = Sash Section

L = Lock Section

B = Bottom Section

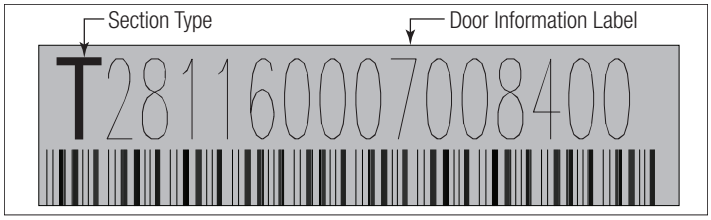

Figure 4B

Tools Required

Personal Protection Equipment (PPE)

Figure 5

Hand Tools

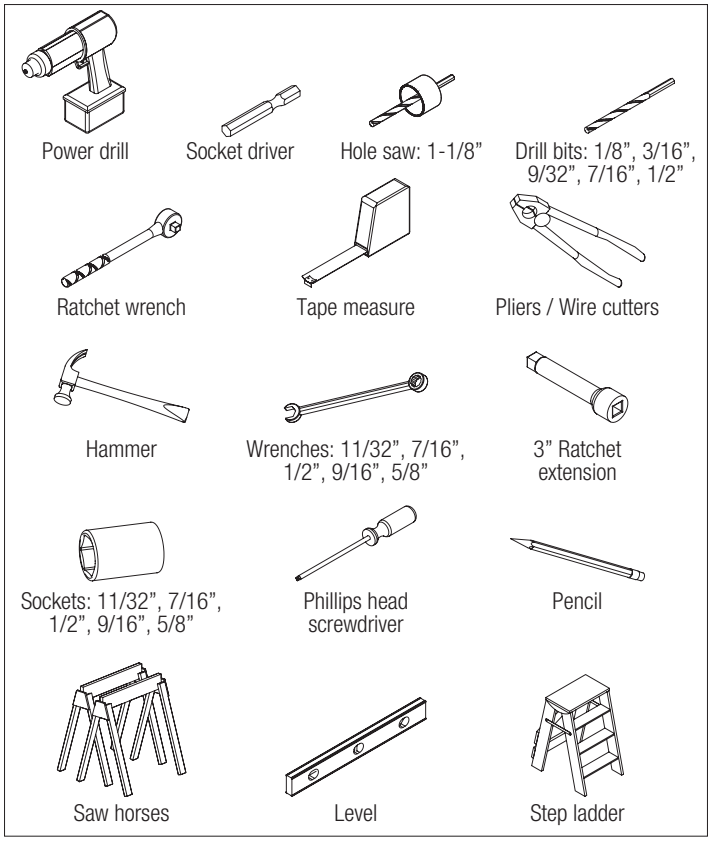

Figure 6

BREAKDOWN OF PARTS

NOTE: The illustrations shown on this page are general representations of the door parts. Each specific door models may have unique variations.

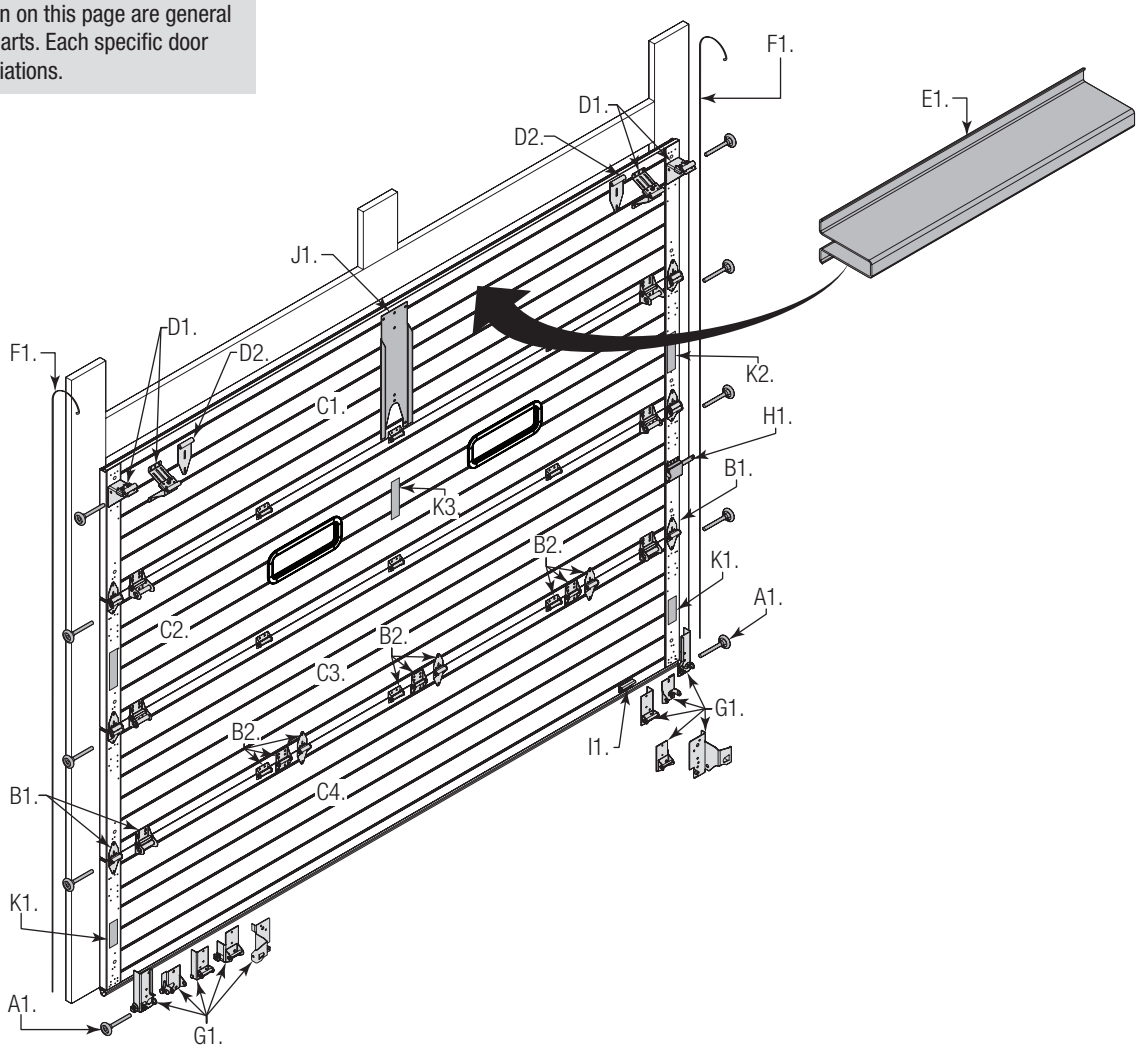

Figure 7 - Door Components

A. TRACK ROLLERS (AS REQUIRED):

- A1. Short Stem Track Rollers

B. GRADUATED END HINGES (AS REQUIRED):

- B1. Graduated End Hinges
- B2. Center Hinges (As Required)

C. STACKED SECTIONS:

- C1. Top Section
- C2. Intermediate(s) Section
- C3. Lock Section
- C4. Bottom Section

D. TOP FIXTURES (AS REQUIRED):

- D1. Top Fixture Assemblies
- D2. Top Fixtures

E. STRUT(S) (AS REQUIRED):

- E1. Strut (2" / 3" U-shaped)

F. COUNTERBALANCE LIFT CABLES:

- F1. Counterbalance Lift Cables

G. BOTTOM CORNER BRACKETS:

- G1. Left Hand and Right Hand Bottom Corner Brackets

H. INSIDE LOCK:

- H1. Inside Lock

I. STEP LIFT HANDLES:

- I1. Step Lift Handles

J. DRAWBAR OPERATOR BRACKET (FOR TROLLEY OPERATED DOORS):

- J1. Drawbar Operator Bracket

K. LABELS:

- K1. Bottom Bracket Warning Labels - 409646-0001
- K2. Painting Instruction Label - 409846-0003
- K3. Warning Label - 409846-0002

INSTALLATION INSTRUCTIONS

Door Installation Instructions

BEFORE INSTALLING YOUR DOOR, BE CERTAIN THAT YOU HAVE READ AND FOLLOWED ALL OF THE INSTRUCTIONS COVERED IN THE PRE-INSTALLATION SECTION OF THIS MANUAL. FAILURE TO DO SO MAY RESULT IN AN IMPROPERLY INSTALLED DOOR.

IMPORTANT: Reference TDS 160 for general garage door terminology at **www.dasma.com**.

NOTICE

IF THE DOOR WILL BE EXPOSED TO A SIGNIFICANT AMOUNT OF ROAD SALT, PAINT THE BOTTOM GALVANIZED STEEL WEATHER RETAINER TO INHIBIT RUSTING.

1 ATTACHING BOTTOM CORNER BRACKETS

IMPORTANT: Refer to door section identification, located in the pre-installation section of this manual or refer to Breakdown of Parts.

⚠ WARNING

ENSURE TIGHT FIT OF CABLE LOOP OVER PIN TO PREVENT COUNTERBALANCE LIFT CABLE FROM COMING OFF THE PIN, WHICH COULD ALLOW THE DOOR TO FALL AND RESULT IN DEATH OR SERIOUS INJURY.

See Figure 4 through Figure 9 for the following steps.

1a. Uncoil the counterbalance lift cables.

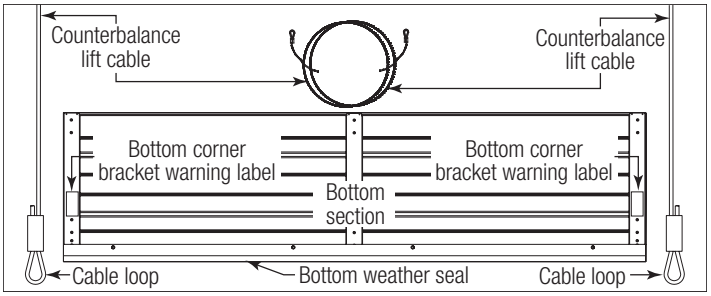

Figure 4

IMPORTANT: Refer to Package Contents / Breakdown of Parts, to determine which bottom corner brackets you have.

1b. Depending on which bottom corner brackets you have, slip the cable loop at the ends of the counterbalance lift cable over the milford pin of the bottom corner bracket or secure the cable loop to the clevis pin and bottom corner bracket using a flat washer and a cotter pin.

1c. Starting on the left hand side, attach the left hand bottom corner bracket to the left corner of the bottom section, making sure it is seated to the edges of the end stile, using 1/4" - 20 self drilling screws.

1d. Insert a short stem track roller with roller spacer (if applicable) into the bottom corner bracket. 1e. Repeat same process for the right hand side.

NOTE: Verify bottom weather seal (bottom seal) is aligned with door section. If there is more than 1/2" excess bottom weather seal on either side, trim bottom weather seal even with door section.

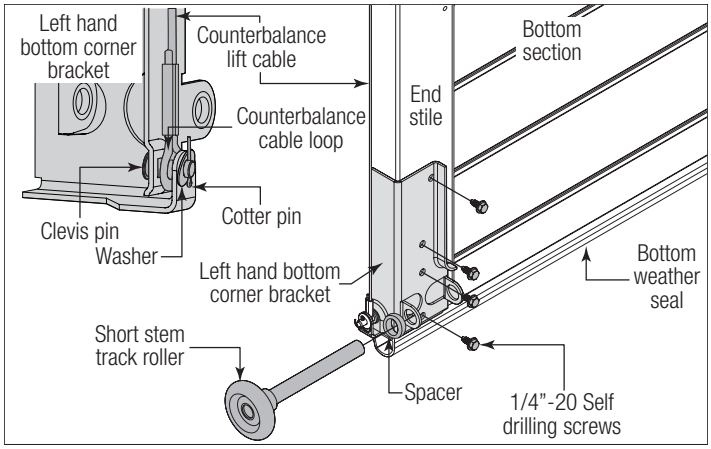

Figure 5, Left Side Shown

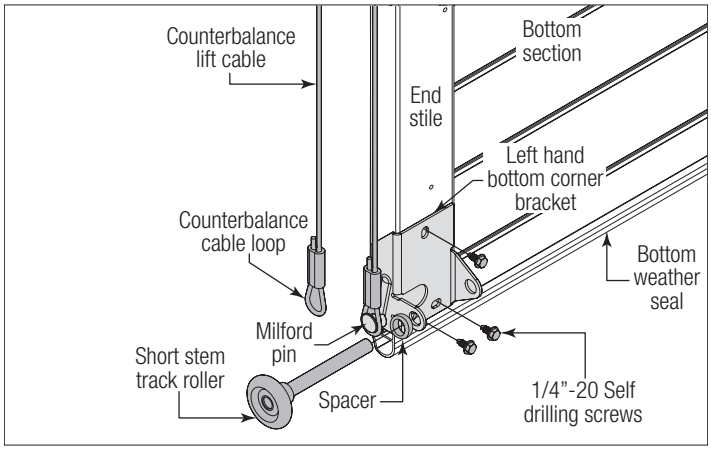

Figure 6, Left Side Shown

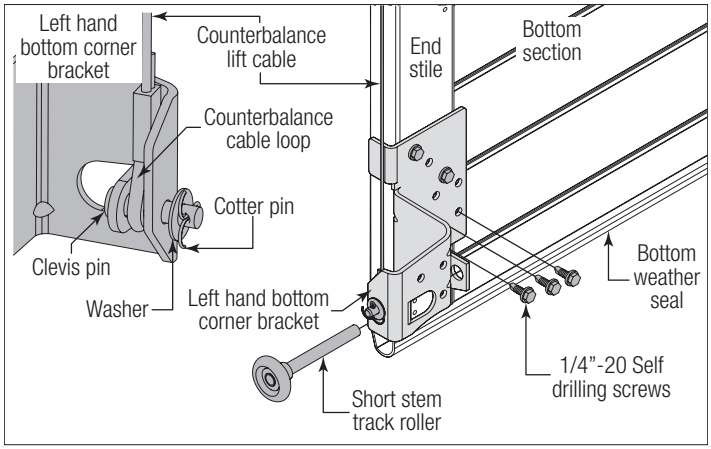

Figure 7, Left Side Shown

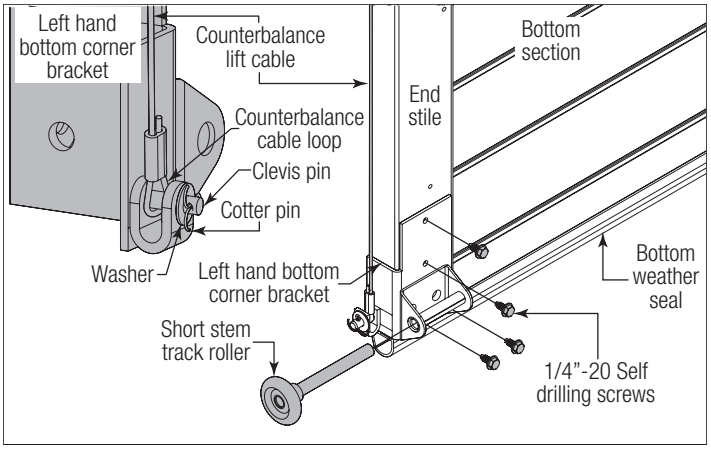

Figure 8, Left Side Shown

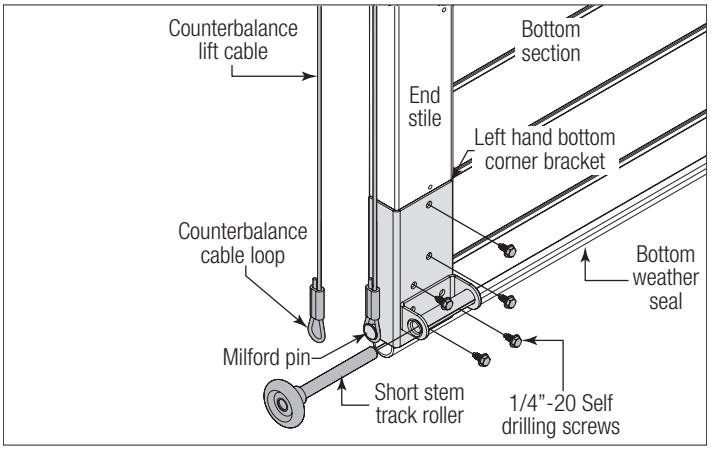

Figure 9, Left Side Shown

2 ATTACHING HINGES

NOTE: Refer to door section identification, located in the pre-installation section of this manual to determine what size sections you need to use as your lock (second) section, intermediate (third) section, intermediate (fourth) section, intermediate (fifth) section, intermediate (sixth) section, intermediate (seventh) section and top section.

IMPORTANT: Refer to Package Contents / Breakdown of Parts, to determine which hinges you have.

IMPORTANT: Once the 1/4" - 20 self drilling screws are snug against the lower hinge leafs, tighten an additional 1/4 to 1/2 turn to receive maximum design holding power.

IMPORTANT: Push & hold the hinge leaf securely against the section while securing with 1/4" - 20 self drilling screws. There should be no gap between the hinge leaf and the section.

IMPORTANT: When placing track rollers into the graduated end hinges, the track roller goes into hinge tube furthest away from section.

NOTE: The bottom graduated end hinges are always the shortest hinge, while the next graduated end hinges is the next tallest.

See Figure 10 and Figure 12 for the following steps.

To Install End Hinges:

2a. Locate the bottom section and the appropriate number of graduated end hinges for the end stiles.

2b. Starting on the left hand side of the bottom section, align the lower hinge leaf of the graduated end hinge over the holes, located at the top of the single end stile.

2c. Attach lower hinge leaf to the section using (2) 1/4" - 20 self drilling screws.

NOTE: Only install the graduated end hinges to one side of the section. The opposite side will be assembled according to Step "Stacking Sections".

2d. Insert the short stem track roller into each graduated end hinge.

To Install Center Hinges:

2e. Starting at the center of the bottom section, align the lower hinge leaf of the box center hinge at the top of the section.

NOTE: Center hinges are spaced 48" on center equally spaced about the center line of door section.

2f. Attach lower hinge leaf to the section using (2) 1/4" - 20 self drilling screws.

2g. Repeat the same process for other center hinges.

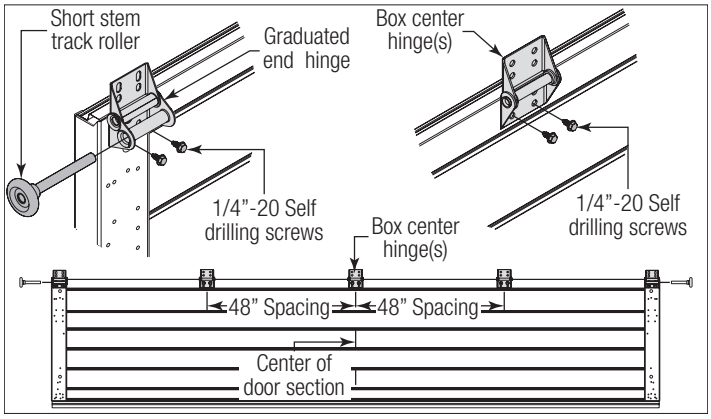

Figure 10

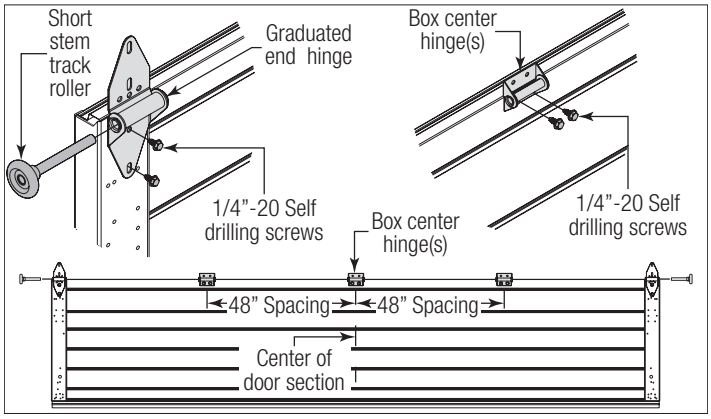

Figure 11

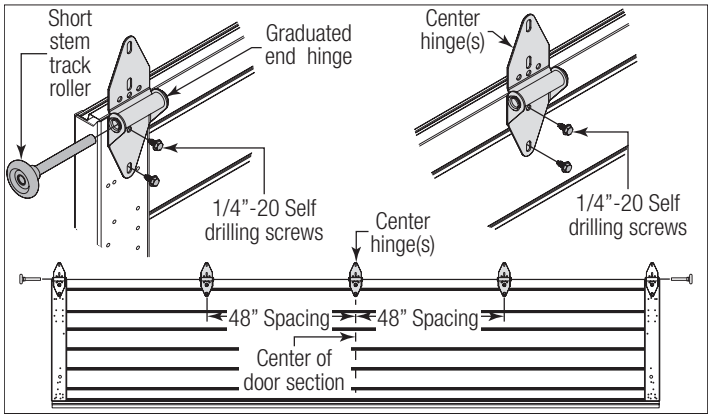

Figure 12

3 ATTACHING STEP PLATE

IMPORTANT: Step plate must be installed on same end of door as lock assembly.

See Figure 13 for the following steps.

3a. Position the step-plate on bottom rail of bottom section within 2 feet from edge of door.

3b. Using the step plate as a template, mark the location onto the bottom section surface.

3c. Drill 1/2" Dia. holes at each marked location through the section.

3d. Install step plate on bottom rail of bottom section using (2) 1/4" - 20 carriage bolts, (2) 1/4" - 20 hex nuts and (2) washers.

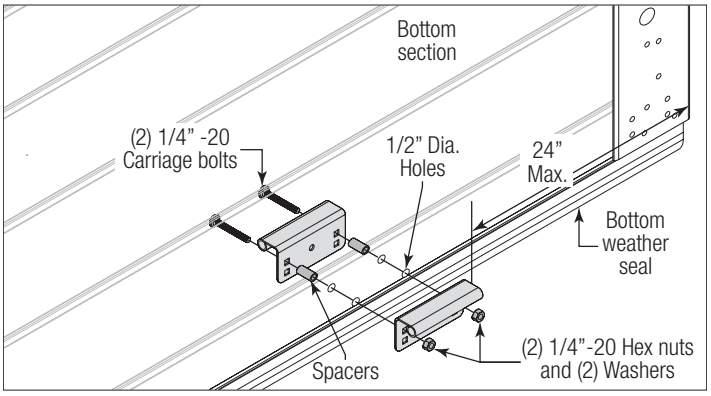

Figure 13

4 ATTACHING TOP FIXTURES

NOTE: Refer to Door Section Identification / Breakdown of Parts to determine how many top fixtures you have.

NOTE: If your door came with two top fixtures, then one top fixture and a short stem track roller are required for each side.

NOTE: If your door came with four top fixtures, then two top fixtures and a long stem track roller are required for each side.

IMPORTANT: Once the 1/4" - 20 self drilling screws are snug against the lower hinge leafs, tighten an additional 1/4 to 1/2 turn to receive maximum design holding power.

See Figure 14 through Figure 18 for the following steps.

4a. Depending on your type of track you have and using the illustrations below, position the top fixture assembly onto the endcap of the top section, as shown.

4b. Secure the top fixture assembly to the section using (4) 1/4" - 20 self drilling screws.

4c. Repeat the same process for the right hand side.

For Standard Lift, Full Vertical Lift, And Lift Clearance Breakaway:

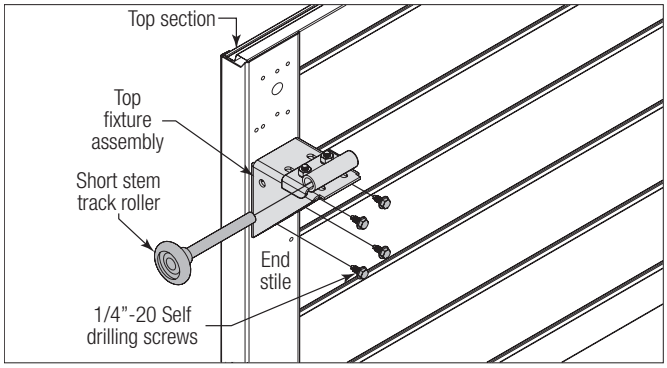

Figure 14

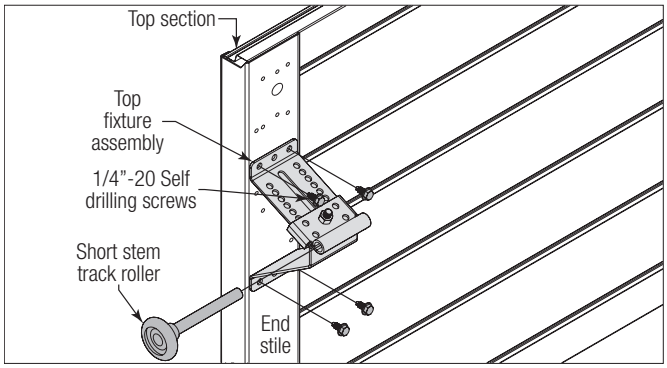

Figure 15

For Lift Clearance Standard Incline:

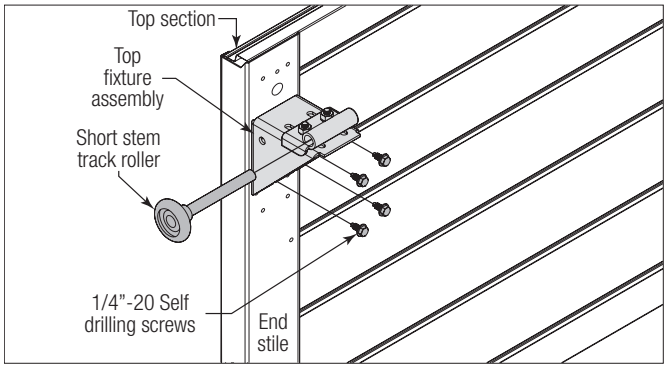

Figure 16, Left Side Shown

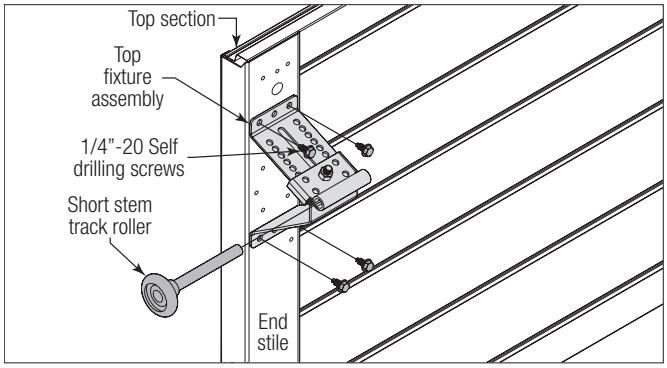

Figure 17, Left Side Shown

For Low Headroom:

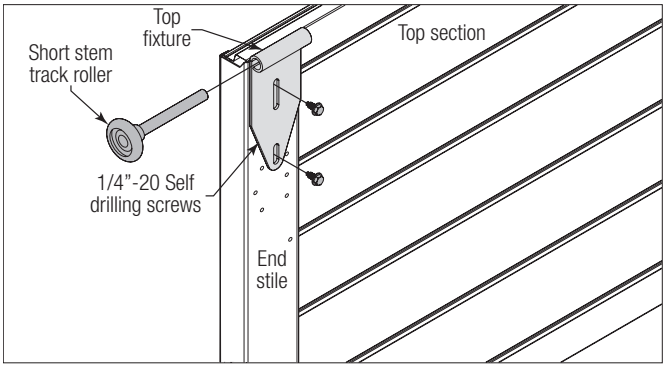

Figure 18, Left Side Shown

5 ATTACHING DRAWBAR OPERATOR BRACKET

See Figure 19 for the following steps.

5a. Position drawbar operator bracket at center of top section, 1/8" below top edge of top section.

5b. Drill 1/8" pilot holes through inside face ONLY, using holes in the drawbar operator bracket as a guide.

5c. Secure the drawbar operator bracket to the top section using 1/4" - 20 self drilling screws.

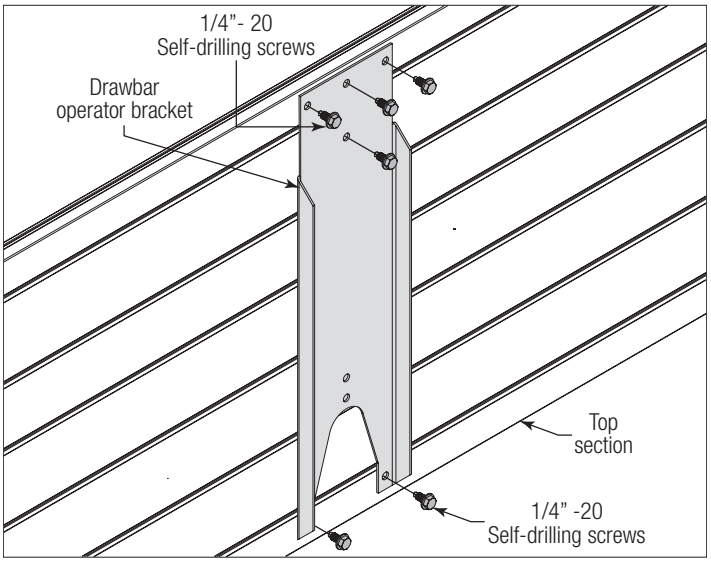

Figure 19

6 POSITIONING SECTIONS INTO TRACK

See Figure 20 and Figure 23 for the following steps.

IMPORTANT: Refer to Commercial Track Installation Instructions 408207-0001. Install vertical track according to Commercial Track Installation Instructions.

6a. Center the bottom section with hardware and rollers attached in the door opening. Level the section using wooden shims (if necessary) under the bottom section. When the bottom section is leveled, temporarily hold it in place by driving a nail into the jamb and bending it over the edge of the bottom section on both sides.

NOTE: Do not install top section of door at this time. Top door section should be installed **AFTER** horizontal track or upper vertical track has been installed.

6b. Brace door section in opening until graduated end hinges or top fixtures and rollers are installed and secured to door section.

6c. Insert roller into graduated end hinge on intermediate section. Hook roller into track and swing section into place. Set section on top of lower section.

6d. Insert rollers into corresponding loose end hinge. Hook roller into track and swing graduated end hinge onto door section.

6e. Secure graduated end hinges to door section.

6f. Attach upper half of center and graduated end hinges to bottom of next highest section.

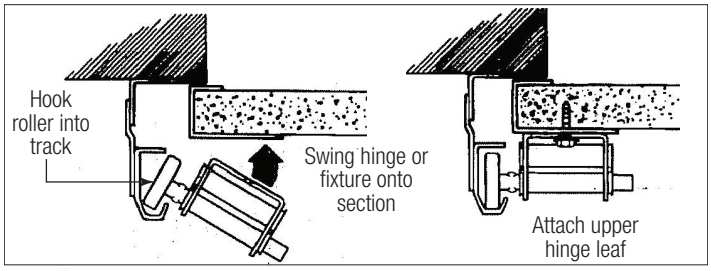

Figure 20

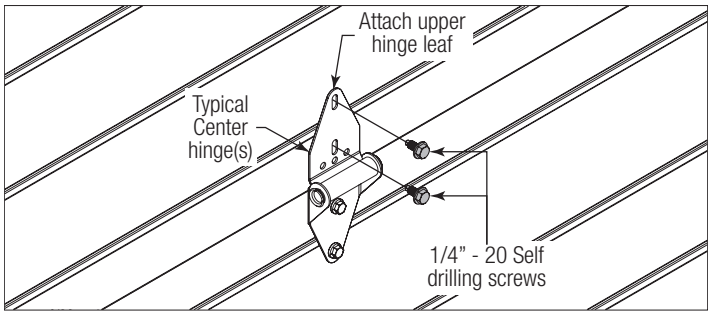

Figure 21

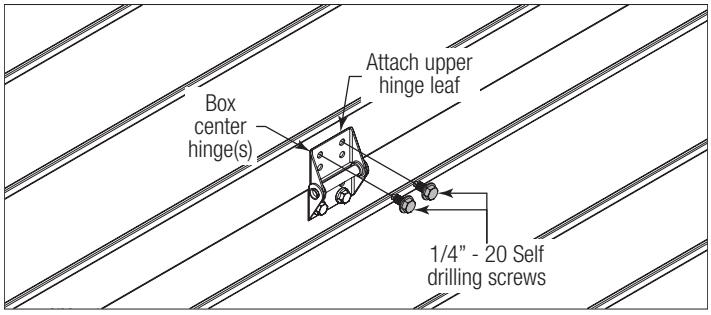

Figure 22

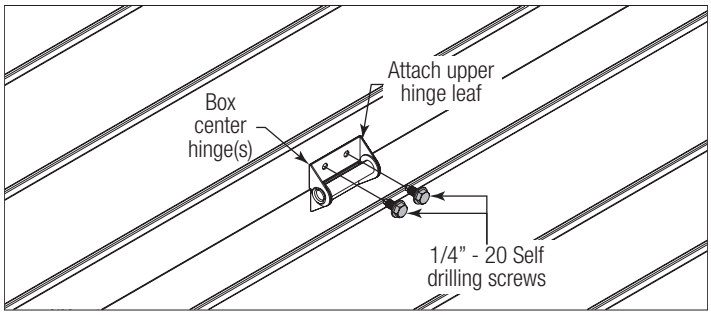

Figure 23

IMPORTANT: Refer to Commercial Track Installation Instructions 408207-0001. Install horizontal track or upper full vertical track according to Commercial Track Installation Instructions.

7 ATTACHING KEYED LOCK (OPTIONAL)

NOTICE

LOCKS MUST BE REMOVED / INTERLOCKED FOR ELECTRIC OPERATION.

Lock Installation:

NOTE: Lock Case Assembly and Lock Rod should be assembled prior to installation.

See Figure 24 and Figure 25 for the following steps.

7a. Measure 18” from the edge of the lock section and mark a vertical line onto the inside surface of the lock section.

7b. Using the Hole Pattern, measure and mark the hole locations onto the inside surface of the lock section. Center Punch all holes for drilling accuracy.

7c. Drill a 7/16” Dia hole through the section at each top and bottom marked hole locations.

7d. Drill a 1/2” Dia hole through the section at the marked hole location.

7e. Using a hole saw, drill a 1-1/8” Dia hole through the section at the marked hole location.

7f. Using a 7/16” drill bit, redrill the top and bottom holes through the inside face **ONLY**.

IMPORTANT: Insulation should be cleared from all holes.

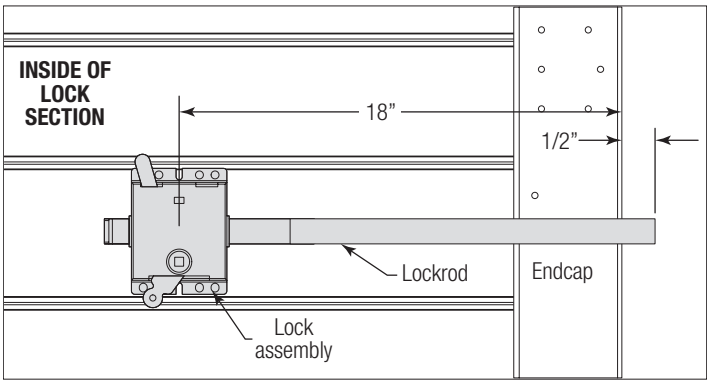

Figure 24

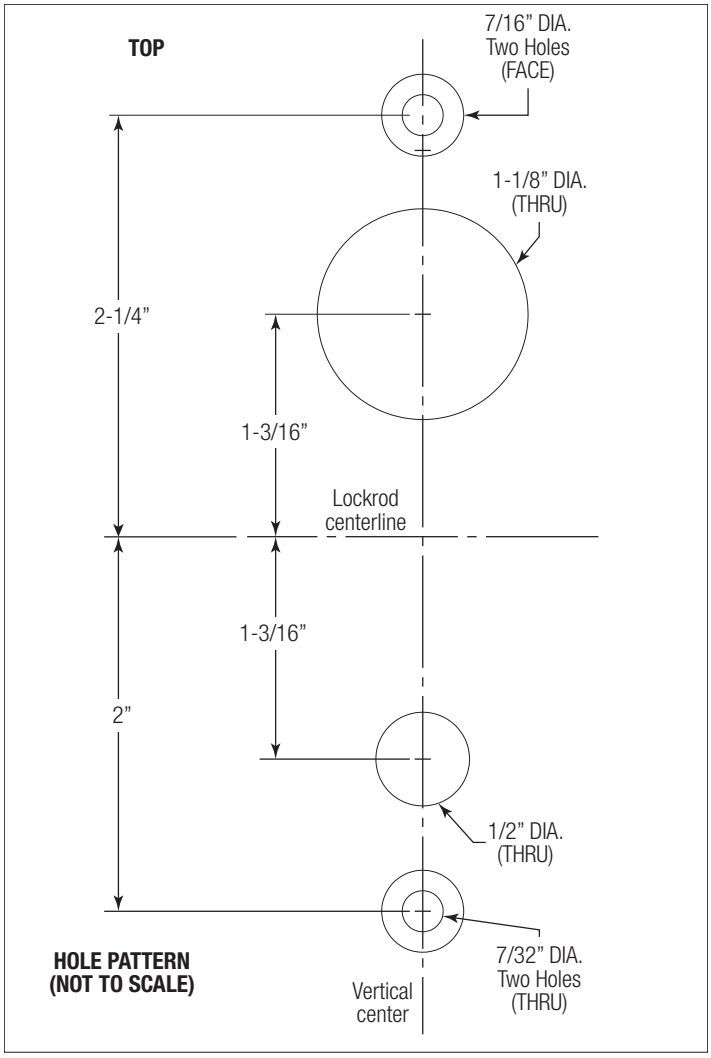

Figure 25

See Figure 26 through Figure 31 for the following steps.

7g. From the outside surface of section, place the outside handle assembly through the drilled holes. Install two #10 - 24 carriage bolts through the outside handle assembly and secure with tape.

NOTE: Bolts may need to be cut after installation.

NOTE: Outside handle assembly may be installed so that handle is either down or to the left in the unlocked position.

7h. From the inside surface of section, insert the spacers into the top and bottom drilled holes.

7i. Position the lock assembly onto the inside surface of section, as shown.

7j. Secure the lock assembly to the outside handle assembly using two #10 - 24 hex nuts.

7k. Secure the lock assembly to the section using four #8 - 32 x 1/2” phillips head screws.

7l. Slide the end guide onto the lockrod.

7m. Once the lockrod is leveled and positioned, secure the end guide to section using four #8 - 32 x 1/2” hex head screws.

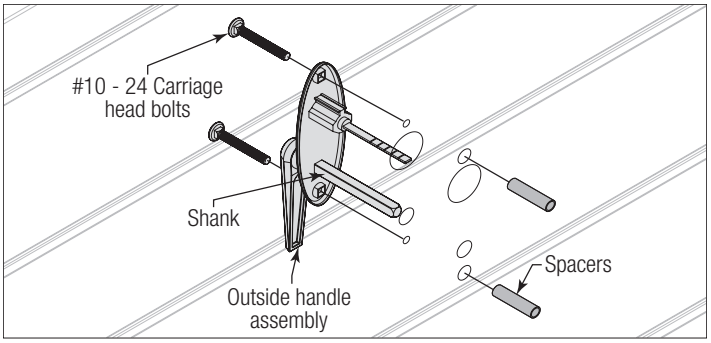

Figure 26

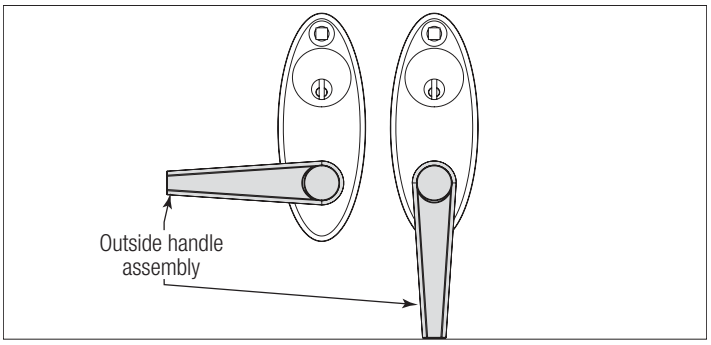

Figure 27

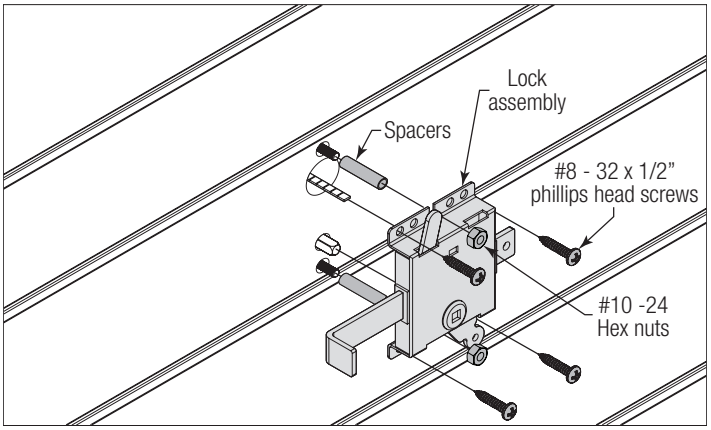

Figure 28

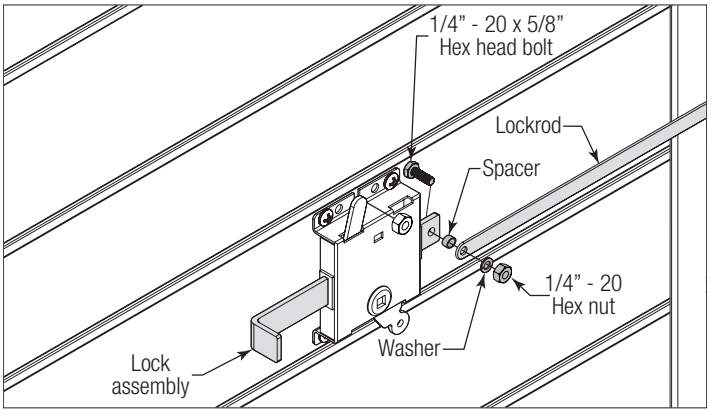

Figure 29

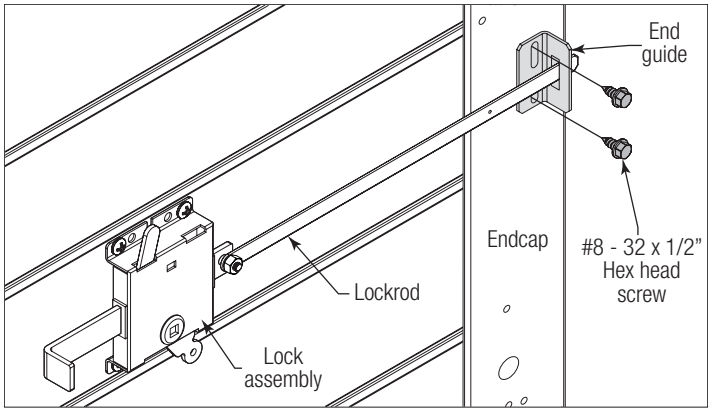

Figure 30

Left Hand Locks:

NOTE: All locks are shipped from the factory prepared for "Right Hand" installation (that is, right side when viewed from the inside). If "Left Hand" installation is required, follow these instructions.

7n. Remove set screw.

7o. Remove lock catch.

7p. Remove lock bar and lock bar spring.

7q. Pivot lock crank to opposite side of lock case.

7r. Reinstall lock bar in opposite side of case. Align spring bar with slot in case and push lock release out of path of lock bar.

7s. Reinstall lock catch. Push lock release out of way allowing tab of lock catch to fit between lock bar and lock release.

7t. Align hole in lock catch with hole in lock bar and reinstall set screw.

7u. Test for operation before installing.

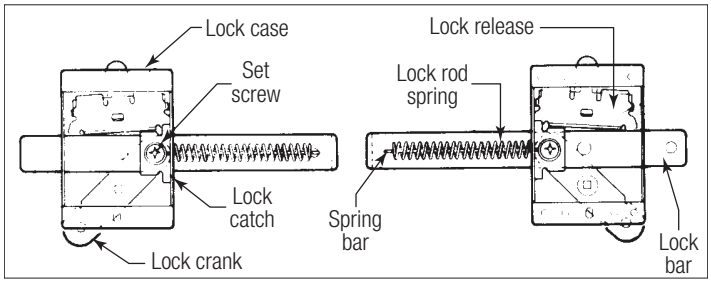

Figure 31

8 ATTACHING INSIDE LOCK

NOTICE

LOCKS MUST BE REMOVED / INTERLOCKED FOR ELECTRIC OPERATION.

See Figure 32 for the following steps.

8a. Install the inside lock on the second section of the door.

8b. Secure the lock to the section with (4) 1/4" - 20 self drilling screws.

8c. Square the lock assembly with the door section, and align with the square hole in the vertical track. The inside lock should be spaced approximately 1/8" away from the section edge.

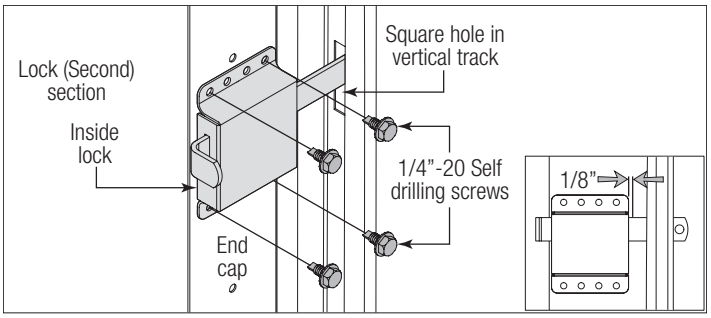

Figure 32

9 FINAL ADJUSTMENTS

IMPORTANT: Refer to Commercial Torsion Spring Counterbalance Assembly Installation Instructions 408682-0001. Install counterbalance assembly installation instructions.

9a. On manually operated doors, attach pull down rope to bottom corner bracket and long track bolts located at a jamb above mid point of door height using a rope washer.

9b. Attach the pull down rope on same side of door as lock assembly.

9c. Adjust top fixtures to seat top section against header or header seal.

9d. Adjust lock rod keeper on track, if necessary, for secure locking and ease of operation.

9e. Lubricate all moving parts (hinge barrels, rollers, lock etc.) with regular grade machine oil.

9f. Affix warning label 408616-0002 to wall next to hoist hand chain.

The Genuine. The Original.

Overhead Door Corporation Thermacore® Models: 515, 525, 591, 592, 593, 594, 596, 598, 599, 850 Commercial/Industrial Doors Limited Warranty

One Year Door Limited Warranty
Ten Year Delamination Limited Warranty

Overhead Door Corporation ("Seller") warrants to the original purchaser of Thermacore Models 515, 525, 591, 592, 593, 594, 596, 598, 599 and 850 Commercial/Industrial 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:

- **Seller warrants the door sections for a period of ten years from date of installation against delamination (separation) of the polyurethane foam from the steel skin of the panels for 515, 525, 591, 592, 593, 594, 596, 599, 850 and for a period of eight years for the 598.**
- **Seller warrants all other components of the door to be free from defects in material and workmanship for a period of one year from the dates of installation.**

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. Seller's repair or replacement labor is included for a period of one year from the date of installation. After one year, any labor charges 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 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 door or part which has been damaged or deteriorated due to misuse, accident, painting or failure to provide necessary maintenance.

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.

DOOR TYPE: _____

OPERATOR TYPE: _____

CUSTOMER NAME (ORIGINAL PURCHASER): _____

CUSTOMER INSTALLATION LOCATION: _____

ORDER # _____

DATE OF INSTALLATION: _____

NAME OF DISTRIBUTOR/INSTALLER: _____

SIGNATURE OF DISTRIBUTOR/INSTALLER: _____

C900-677

Thank you for your purchase.

PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE

If you need assistance, please contact your local Overhead Door™ Distributor. To find your local Overhead Door™ Distributor, go to the Find an Overhead Door™ Distributor section Online at **www.OverheadDoor.com**.

After installation is complete, leave this Sectional Door Installation Instructions with the owner, or fasten it near garage door for easy reference.