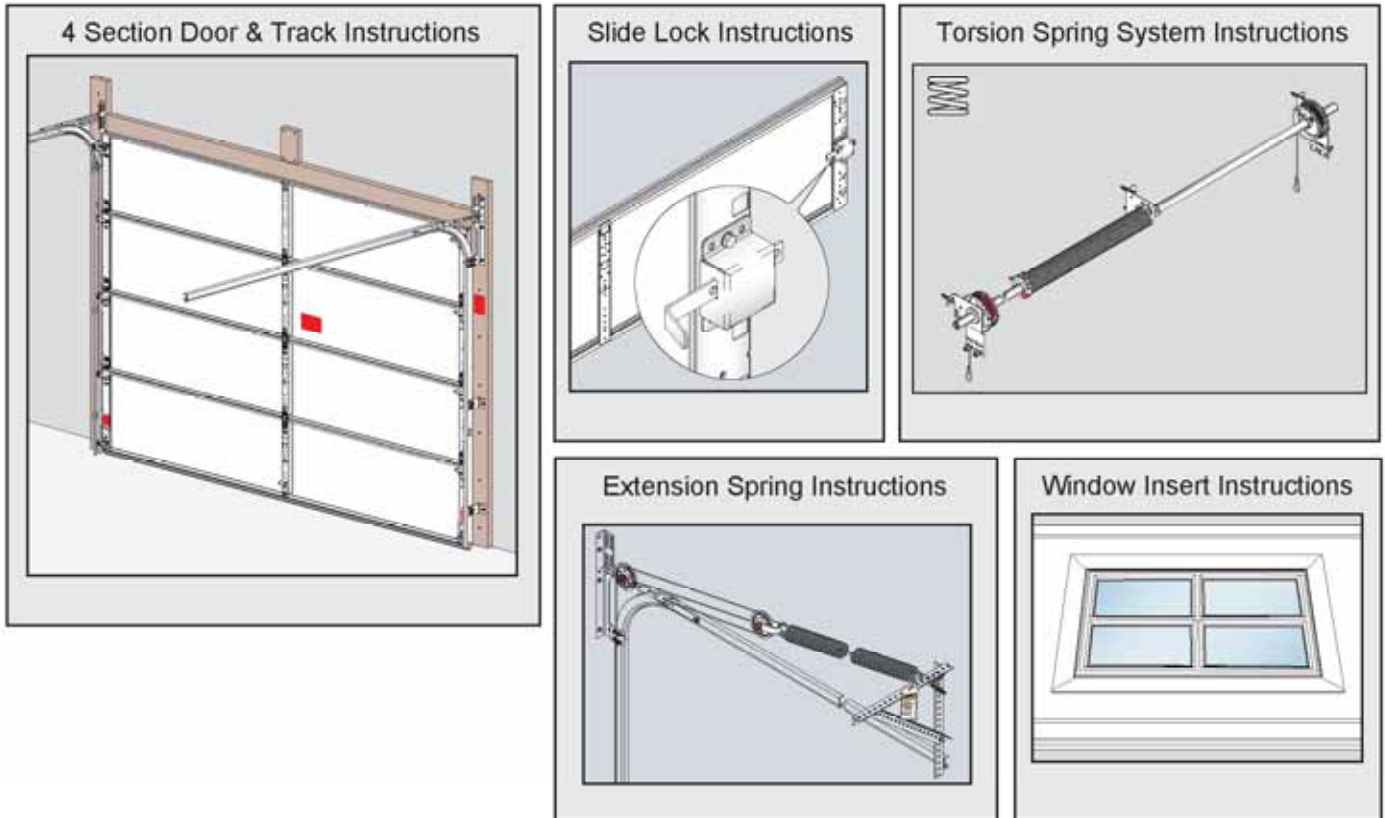




GARAGE DOORS

## US Four (4) Section Door - Instruction Set



### NOTE:

This product may require the purchase of additional components for complete assembly.

Not included:

- Opener Reinforcement Support
- Horizontal Track Hanger
- Weatherstripping



## WARNING!

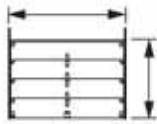
DOOR WILL BE UNDER CONSTANT SPRING TENSION. ADJUSTMENTS AND REPAIRS SHOULD BE PERFORMED BY A QUALIFIED DOOR SERVICE COMPANY.

FAILURE TO COMPLY WITH THESE INSTRUCTIONS INVALIDATES THE WARRANTY. BEFORE YOU BEGIN THE INSTALLATION, READ ALL OF THE INSTRUCTIONS

WE RECOMMEND THAT INSTALLATION AND/OR REPAIR OF GARAGE DOORS BE PERFORMED BY A QUALIFIED GARAGE DOOR INSTALLER.



This product may require the purchase of additional components for complete assembly.  
Not included: Opener Reinforcement Support, Horizontal Track Hanger, Weatherstripping



We recommend that a team of two individuals perform the installation.

The garage door opening **MUST** be the same size as the door. The opening must be framed with 2" x 6" min. wood jambs. The jambs must be plumb and the header level for a square opening. The jambs should extend to the same height as the headroom required. All jamb fasteners should be flush with jambs and securely anchored to the wall.



Both one and two-car doors are installed in the same manner. Door widths up to 14' do not require struts unless required for windload or electric opener reinforcing.

Number of door sections and number of panels may vary from illustrations.

Be sure all warning labels and tags are properly affixed to door and that the Homeowner Information Bag is posted on the door jamb and the warranty information is filled out.



### Notice to Architects and Designers

Architects and designers should consider when designing a building the forces a garage door system transmits to the building structure openings, such as the jambs, anchor pads, headers, and horizontal track. Since these forces vary, load information may be obtained by contacting your distributor (see contact information on cover).



**THESE ARE MINIMUM REQUIREMENTS FOR REINFORCEMENT. YOUR DOOR MAY REQUIRE ADDITIONAL REINFORCEMENT TO MEET SPECIFIC WIND LOAD REQUIREMENTS. IT IS RECOMMENDED THAT YOU CONTACT YOUR LOCAL BUILDING OFFICIAL FOR SPECIFIC WIND LOAD REQUIREMENTS IN YOUR AREA.**

### IMPORTANT NOTICE:

Damage to the garage door due to an improperly installed or adjusted electric opener is not covered by your warranty.

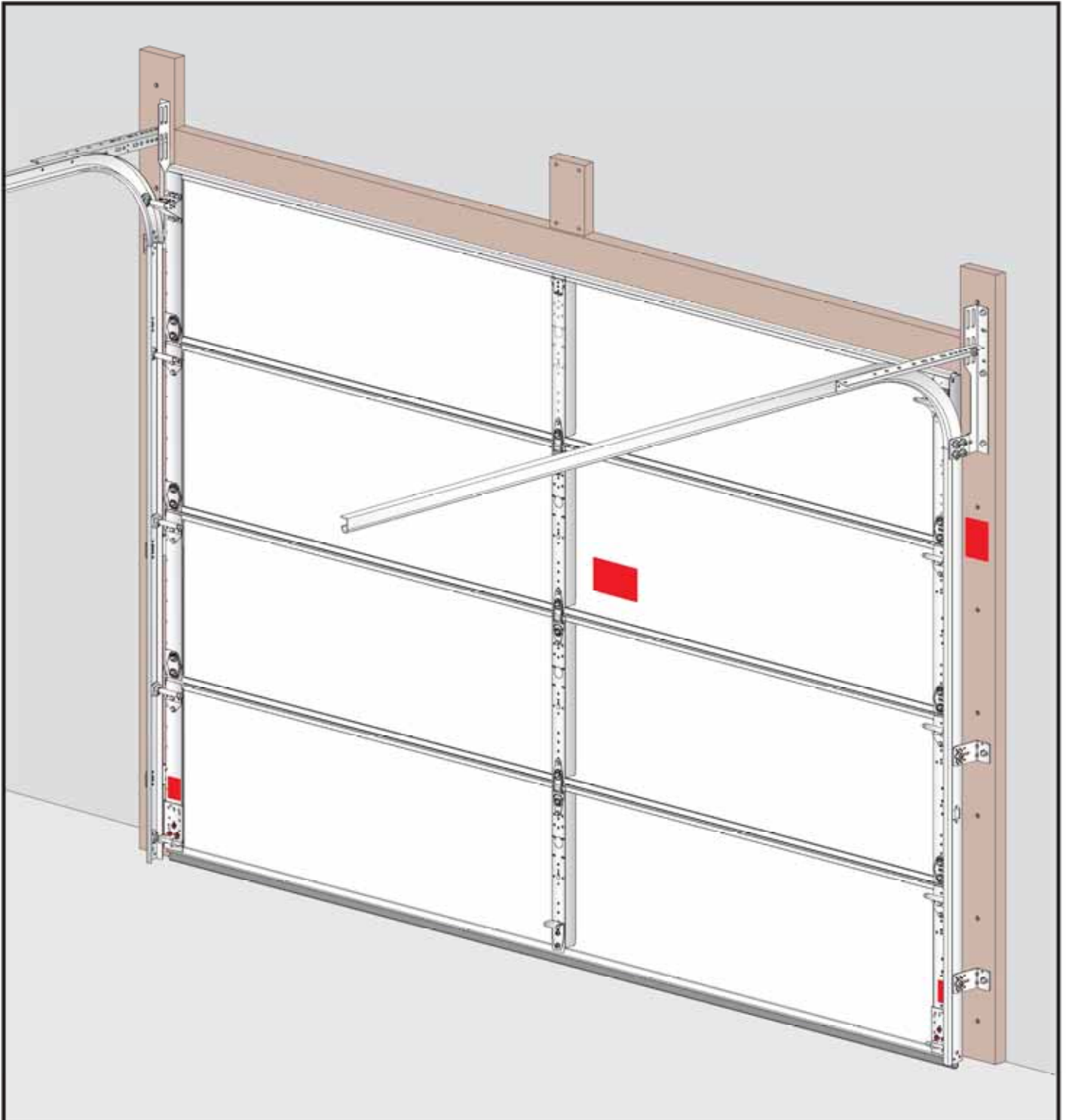


### Electric Door Attachment:

In the event that an electric opener is installed, the top section must be reinforced, as shown in these instructions, with either a strut or with a single piece of 14-gauge angle iron spanning the entire length of the top section. When installing a garage door opener, the following applies:

1. The door springs must be in good working order and the door must be balanced (should be able to raise the door ½ way and have the door stay open).
2. The top section of the door **MUST** be reinforced in order to provide a connection point for the opener lifting arm, as illustrated in these instructions.
3. Disconnect and/or remove all locks and pull ropes. Attempting to use the opener while the door is locked will damage your garage door.

# Four (4) Section Door & Track Instructions

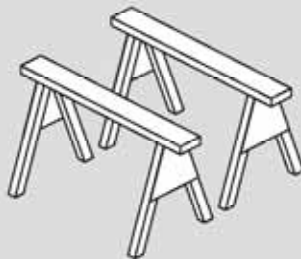
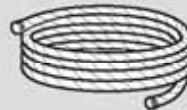
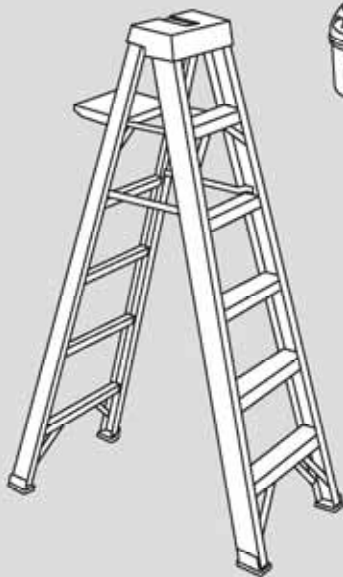
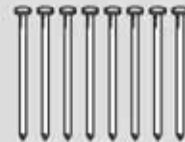
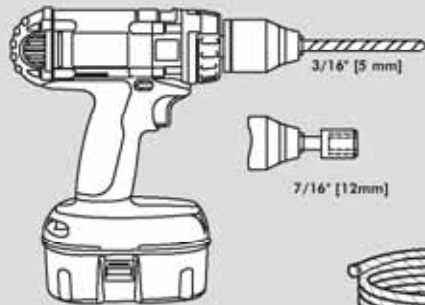
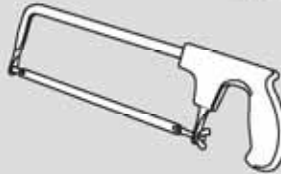
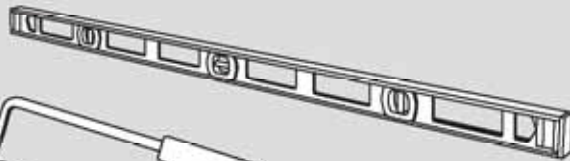
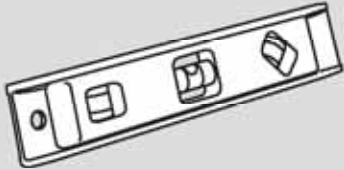
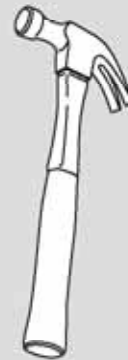
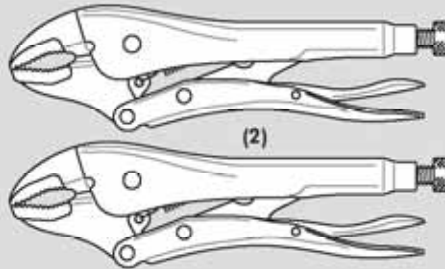
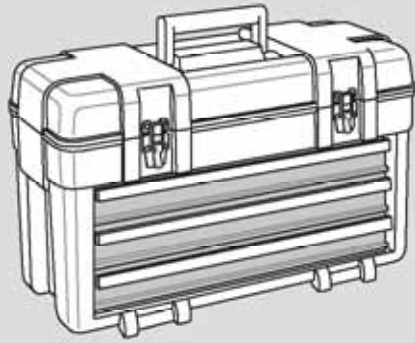


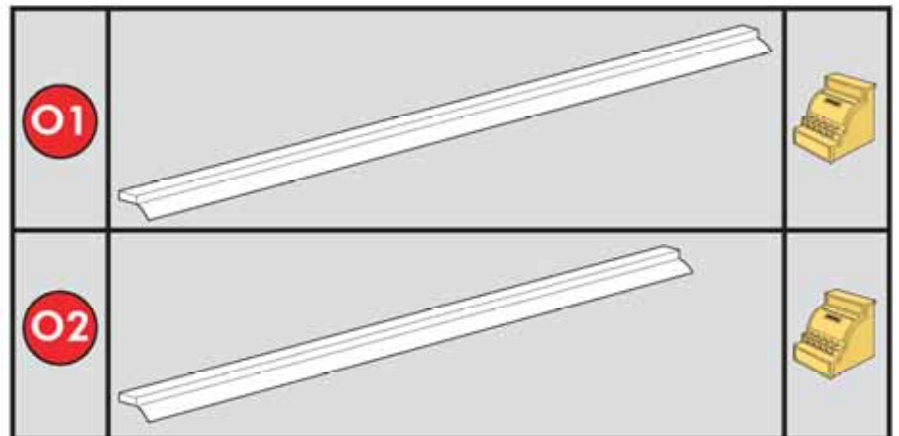
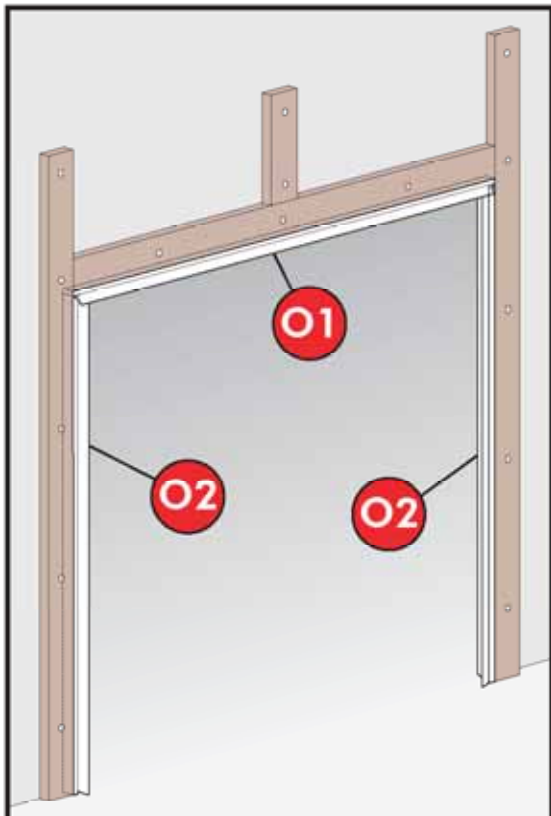
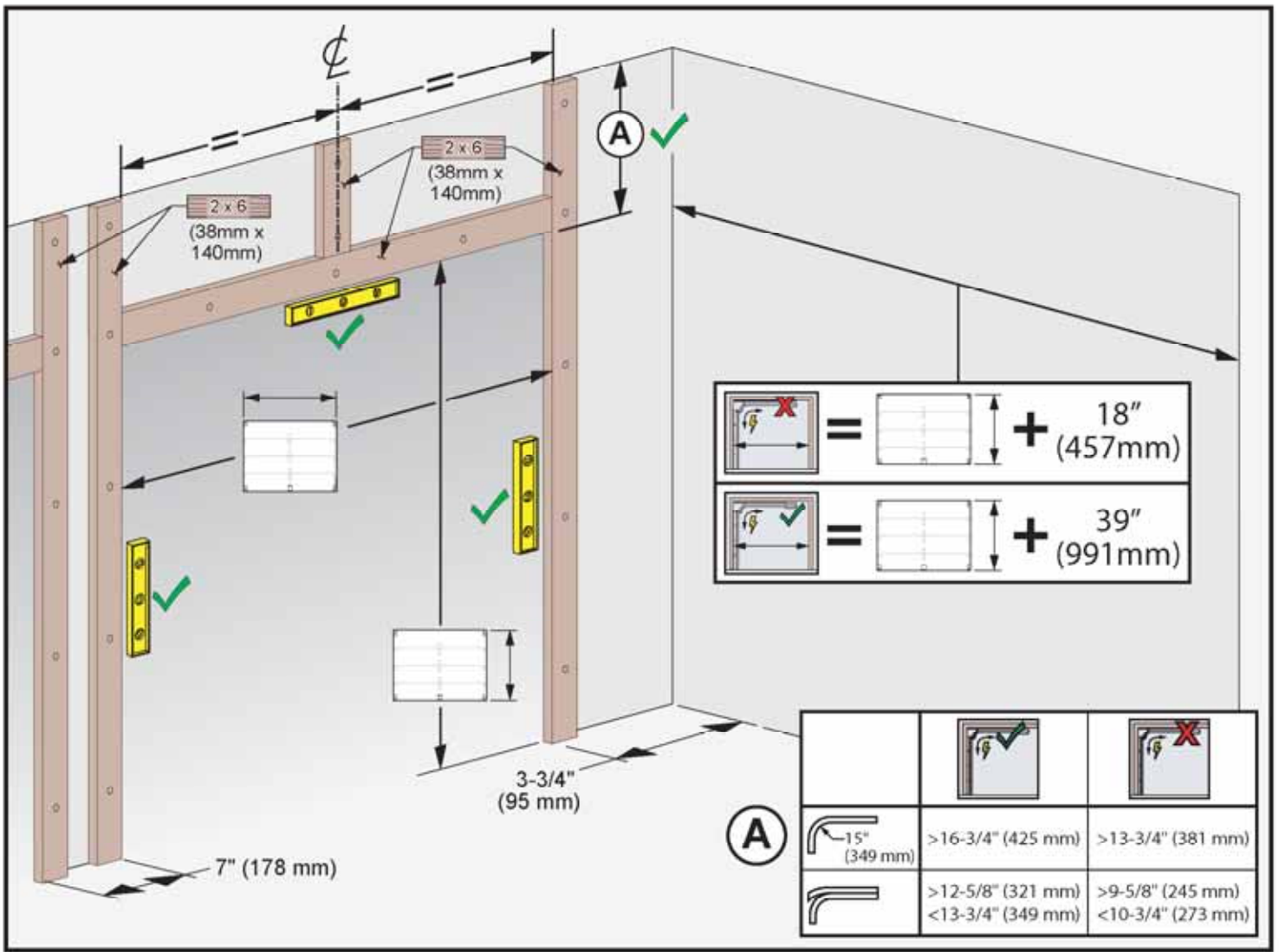
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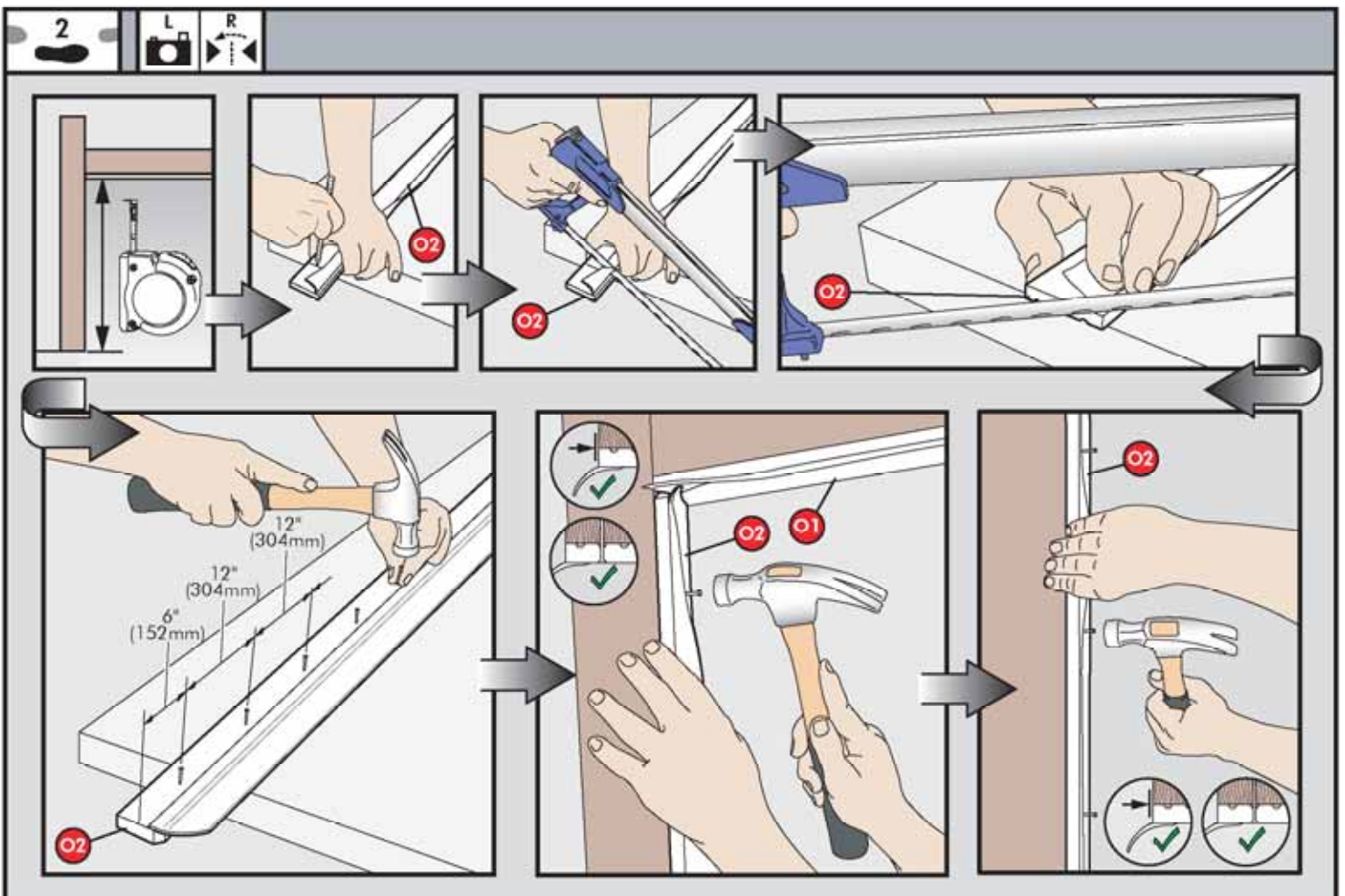
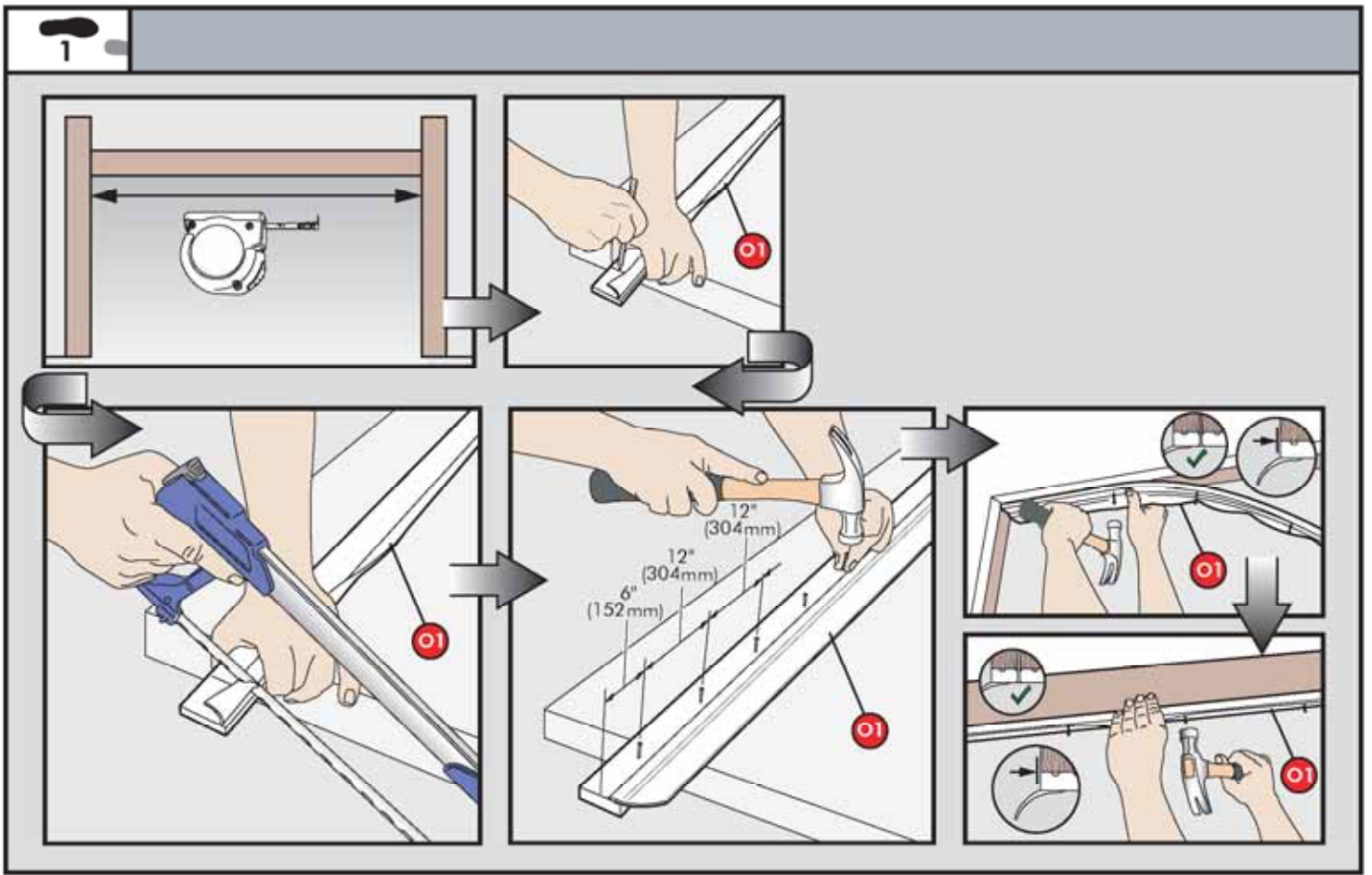
# ICON GUIDE

ICON	INDICATES:
	STEP; ORDER OF INSTRUCTION EXAMPLE: STEP 3
	ORIENTATION OF THE VIEW BELOW EXAMPLE: VIEW OF THE RIGHT SIDE OF THE ASSEMBLY
	MIRROR IMAGE OF VIEW BELOW EXAMPLE: MIRROR IMAGE OF VIEW IS LEFT SIDE OF ASSEMBLY
	OPENING ITEM NUMBER EXAMPLE: OPENING ITEM NUMBER 2
	DOOR ITEM NUMBER EXAMPLE: DOOR ITEM NUMBER 5
	TRACK ITEM NUMBER EXAMPLE: TRACK ITEM NUMBER 5
	WHITE SECTION INDICATES SECTION BEING REFERRED TO (ON A 3 SECTION DOOR) EXAMPLE: SECTION 1 (BOTTOM SECTION)
	THIS STEP APPLIES TO SINGLE AND DOUBLE LAYER SECTIONS
	THIS STEP APPLIES TO TRIPLE LAYER SECTIONS
	THIS STEP APPLIES TO DOORS WITH GARAGE DOOR OPENER <b>INSTALLED</b>
	THIS STEP APPLIES TO DOORS WITH GARAGE DOOR OPENER <b>NOT INSTALLED</b>
	APPLIES TO THIS ITEM, CHECK STEP or PASSES TEST
	WRENCH SIZE EX: 7/16" WRENCH
	SOCKET WRENCH SIZE EX: 7/16" SOCKET WRENCH
	INQUIRE IF STRUT IS REQUIRED USING STRUT SCHEDULE ON PAGE A9
	STRUT IS REQUIRED; CONFIGURATION WITH STRUT
	STRUT IS NOT REQUIRED; CONFIGURATION WITHOUT STRUT
	APPLIES TO STANDARD HORIZONTAL TRACK
	APPLIES TO LOW HEADROOM HORIZONTAL TRACK
	BACKROOM - DISTANCE BETWEEN THE OPENING AND THE REAR OF GARAGE OR NEAREST OBSTRUCTION. MINIMUM DISTANCE = DOOR HEIGHT + 18" (457mm)

ICON	INDICATES:
	DANGER, WARNING, CAUTION
	NOTE
	THIS STEP APPLIES TO DOORS WITH DOOR WIDTH GREATER THAN (DIMENSION)
	DOOR HEIGHT
	INDICATES PART THAT MAY REQUIRE SEPARATE PURCHASE









1a			
1b			
2			
3			
4		L	
5		R	
6			
7			1, 2, 3, 4
8			
9			
10			
11a			
11b			
12a			

12b			
13			
14			
15a			
15b			
16			
17		L	
18		R	
19a			
19b			
20			
21			
22			
23			
24			



				6'-0" - 7'-0" 4 Sections	7'-6" - 8'-0" 5 Sections
 	6'-0" - 14'-0"			0	0
	6'-0"-14'-0" w/Opener			1 (2")	1 (2")
	14'-2" - 16'-0"			1 (2")	1 (2")
	16'-2" - 18'-0"			3 (2")	3 (2")
	*18'-2" - 20'-0"			4 (3")	4 (3")

Note: All doors are not available in all widths.

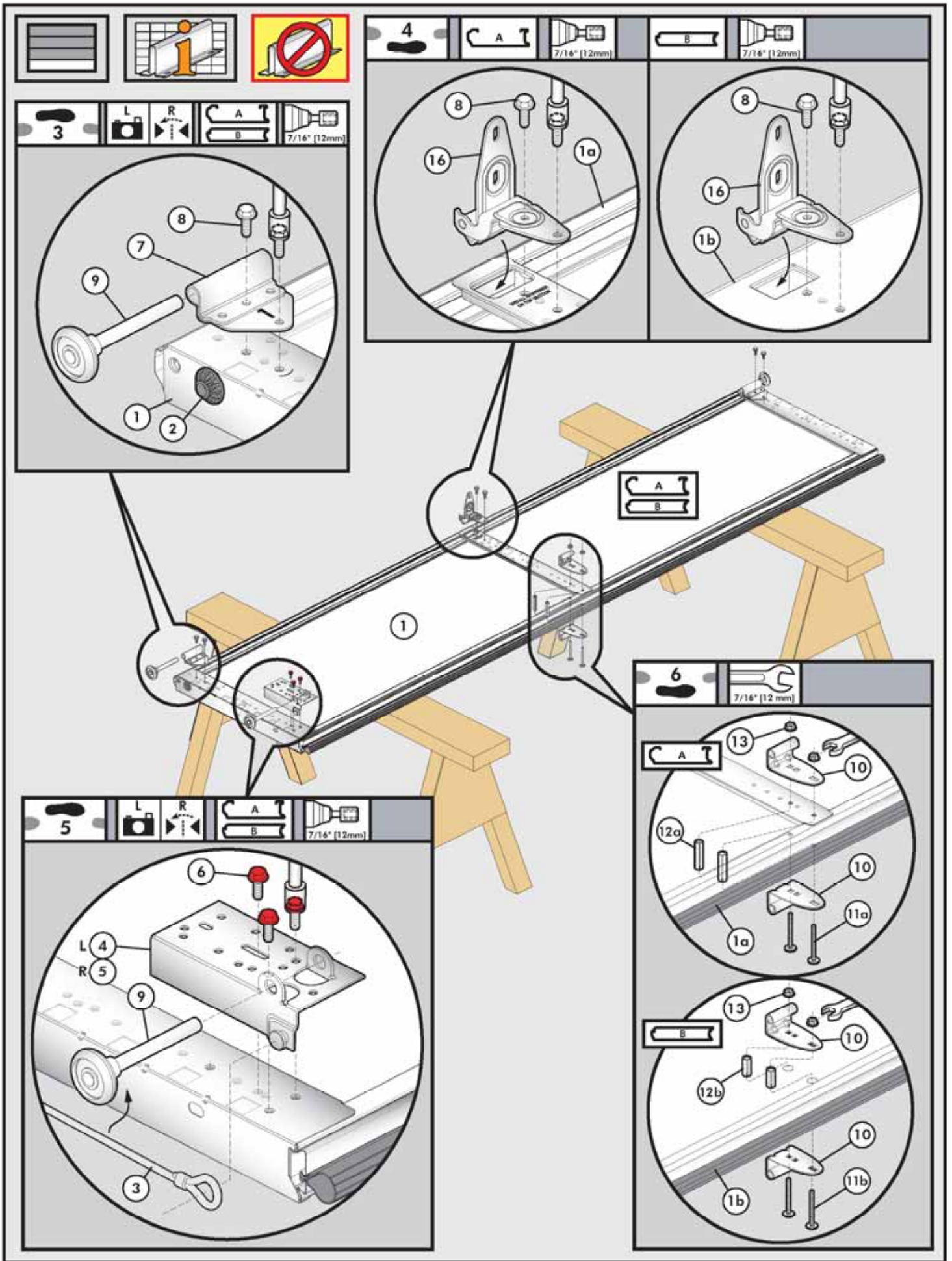
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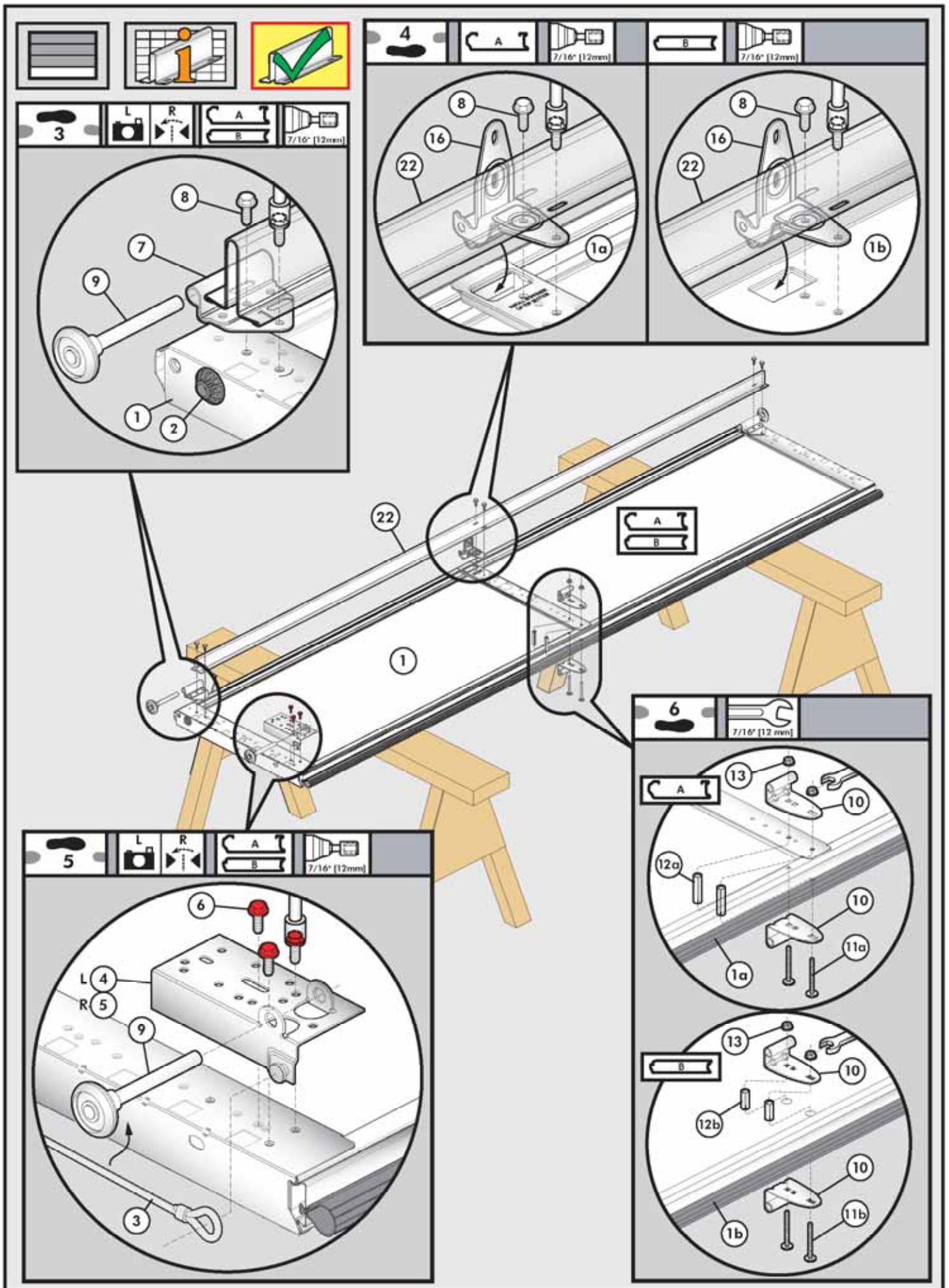


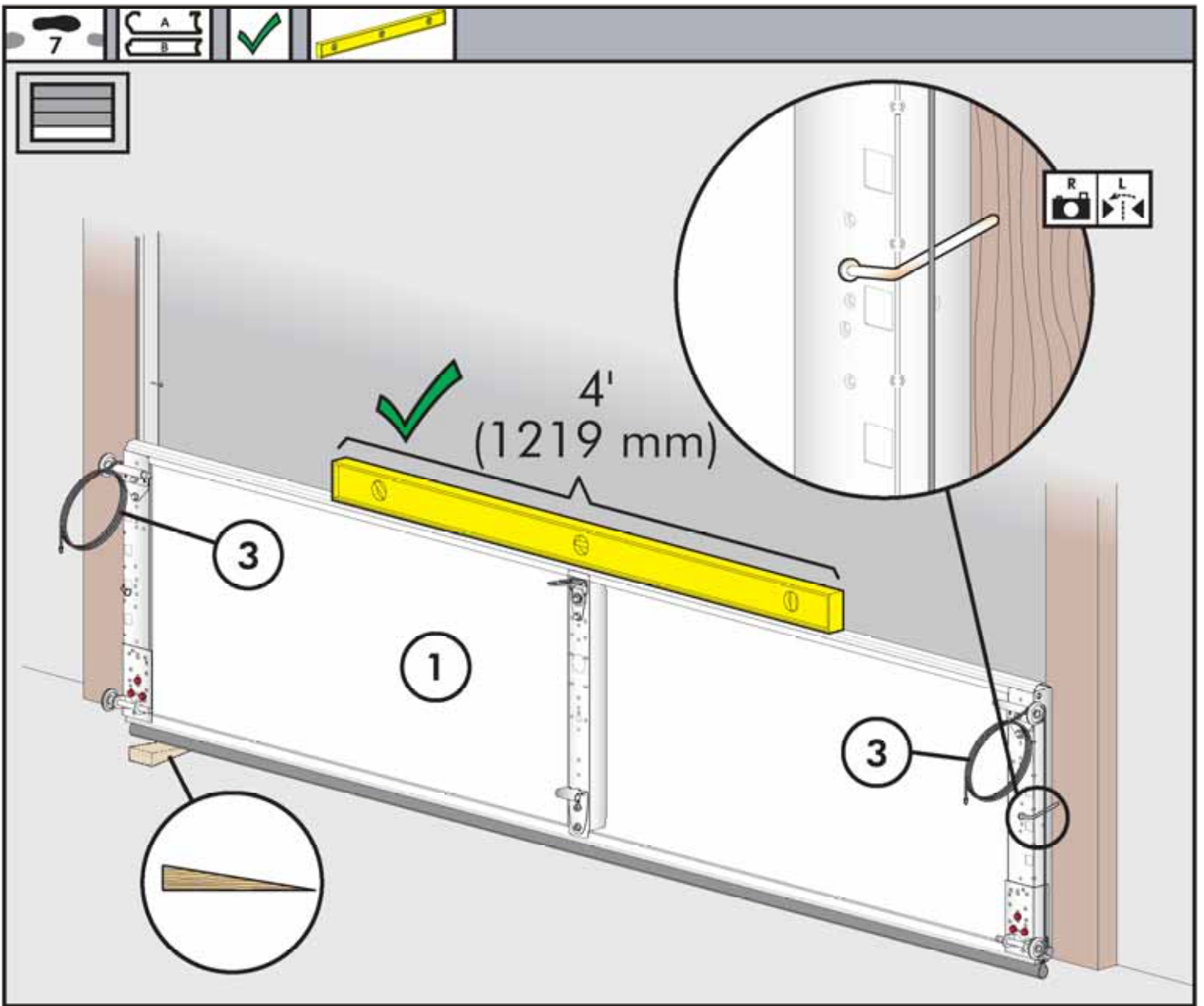
				6'-0" - 7'-0" 4 Sections	7'-6" - 8'-0" 5 Sections
 	6'-0" - 10'-0"			0	0
	6'-0"-10'-0" w/Opener			1 (2")	1 (2")
	10'-2" - 16'-0"			1 (2")	2 (2")
	16'-2" - 18'-0"			3 (2")	4 (2")
	*18'-2" - 20'-0"			3 (2")	4 (2")





























Note: All doors are not available in all widths.

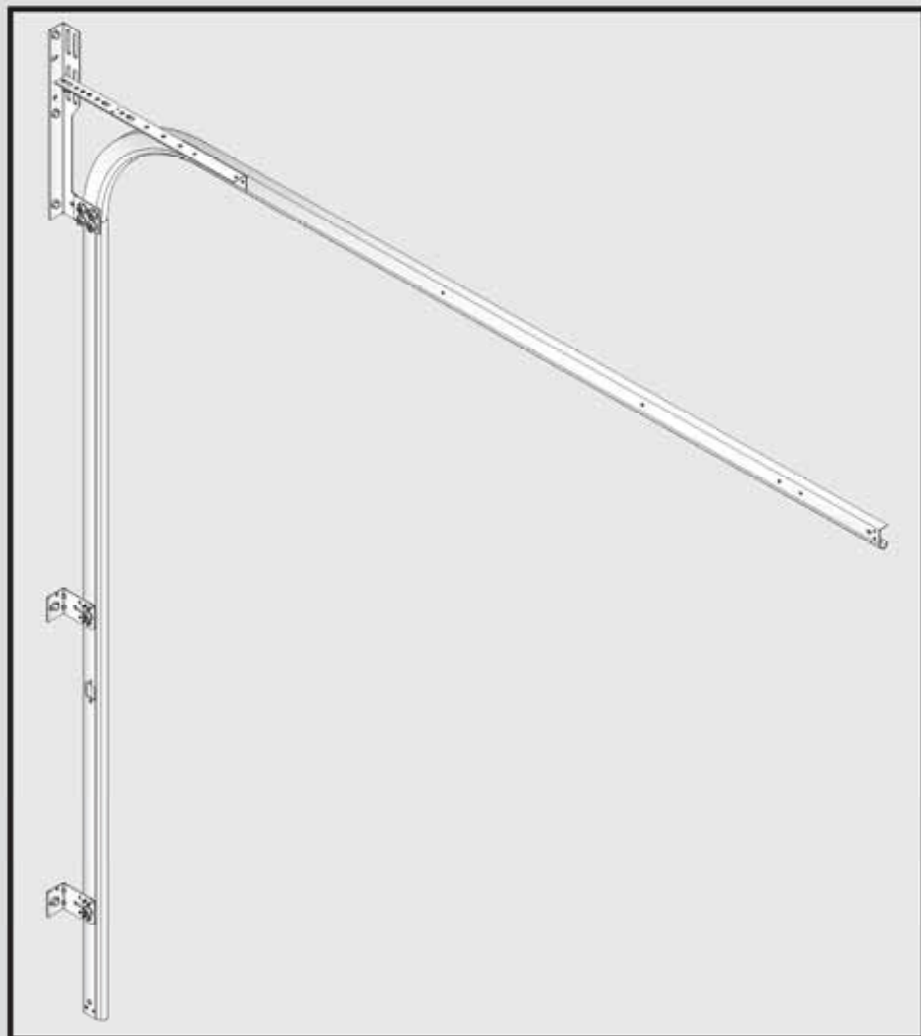
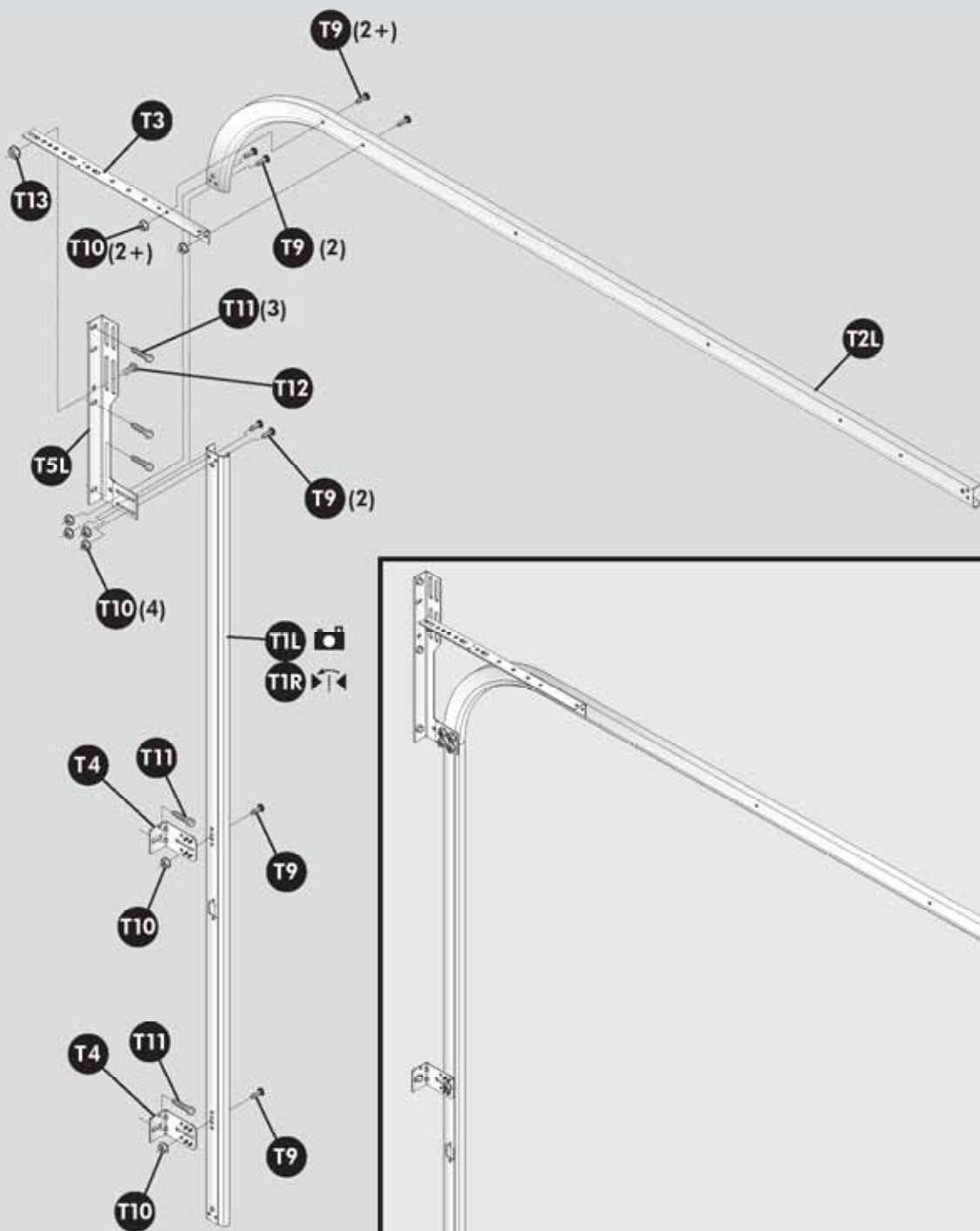
\* WeatherGuard Plus Only

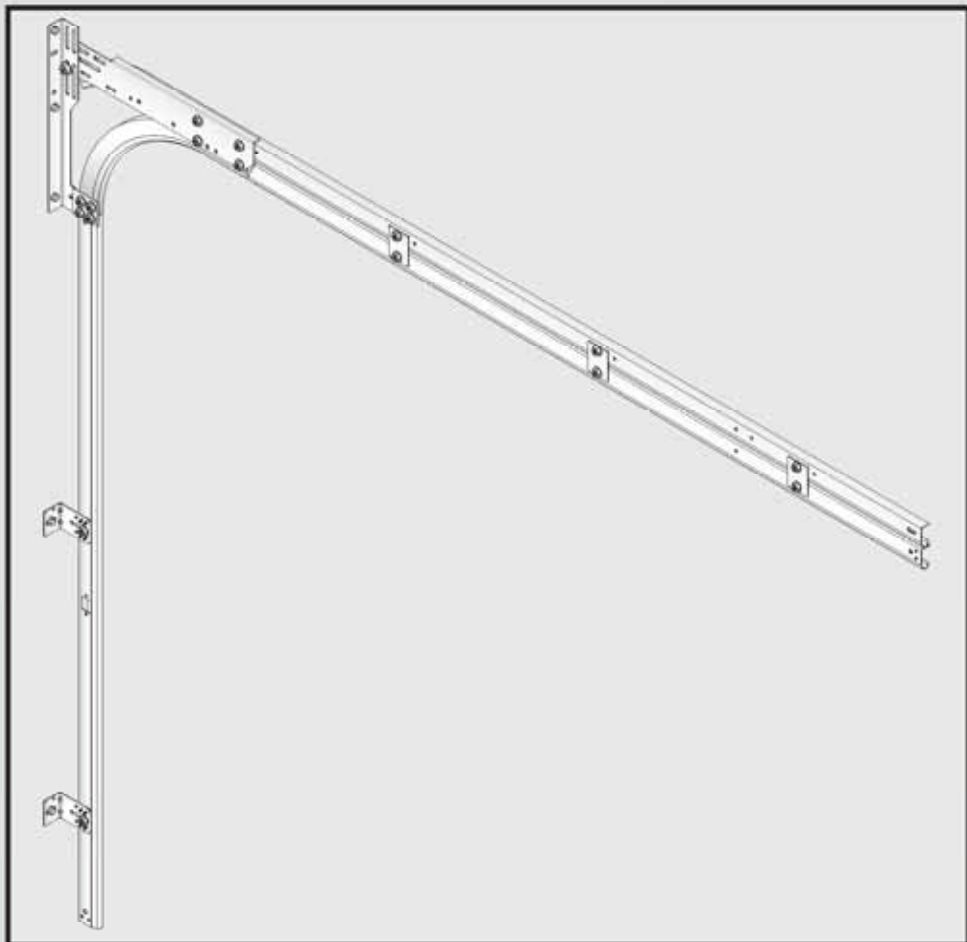
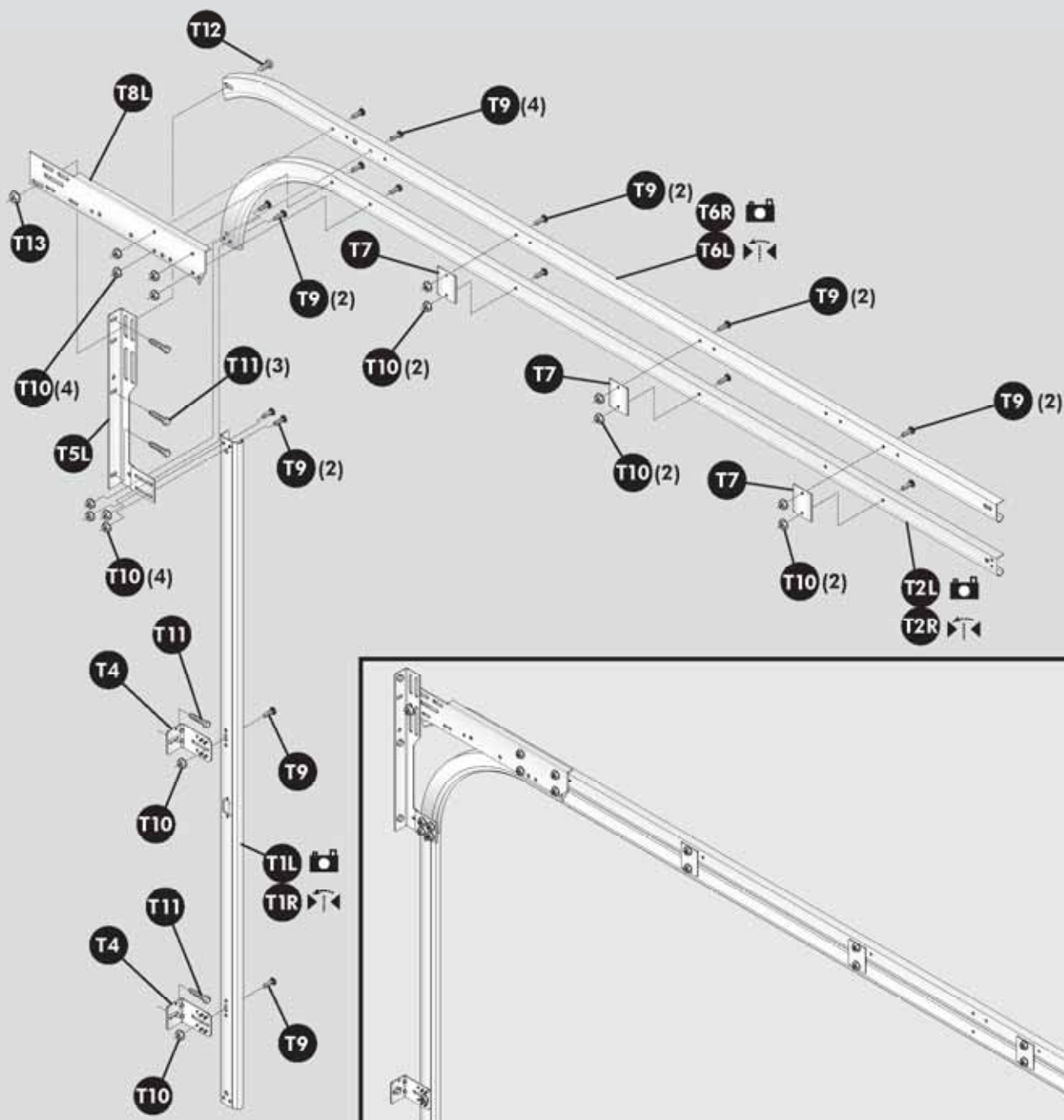




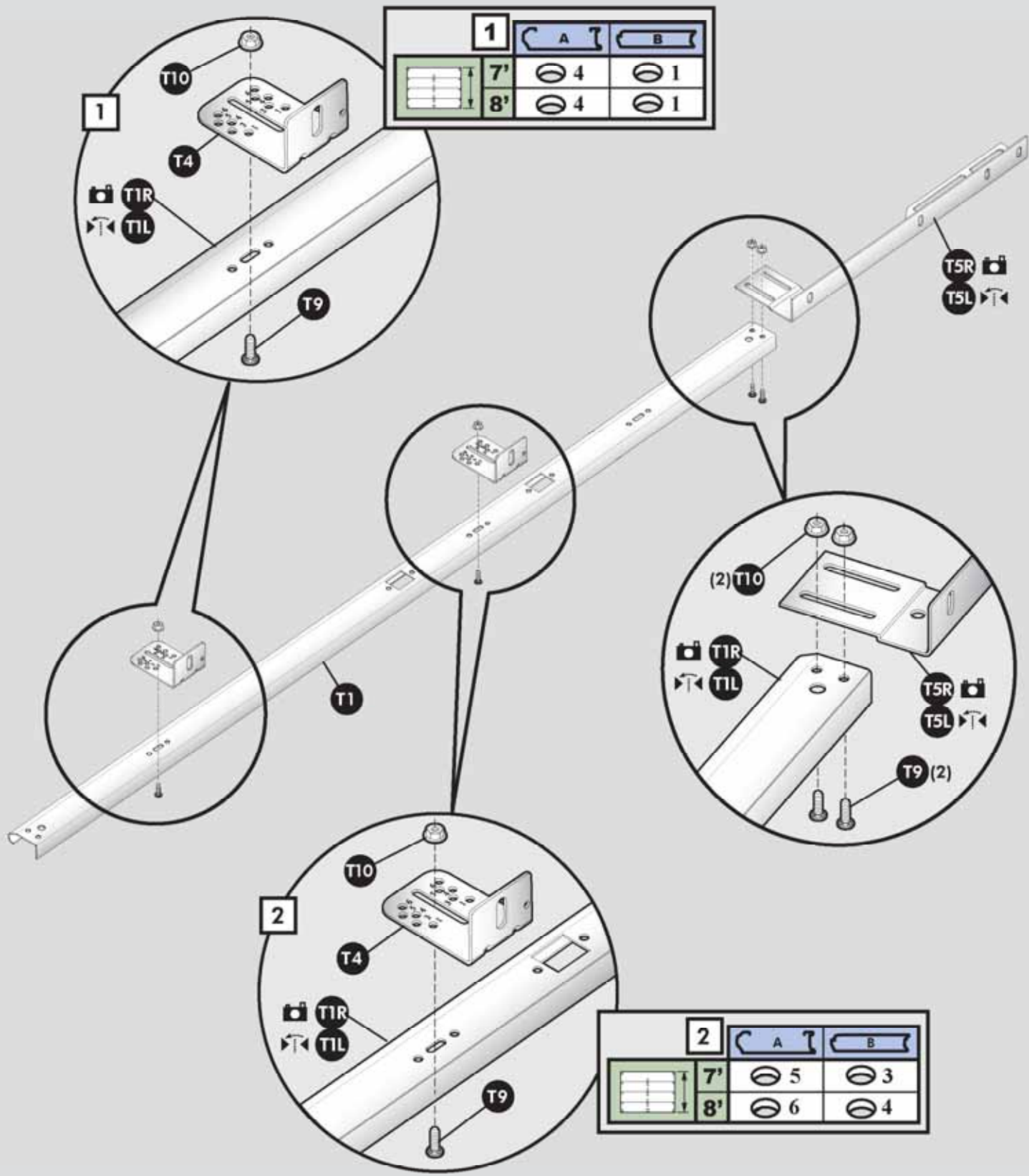




					
T1				✓	✓
T2				✓	✓
T3	 22° 41° 65° 82° 90°			✓	X
T4				✓	✓
T5				✓	✓
T6				X	✓
T7				X	✓
T8				X	✓
T9				✓	✓
T10				✓	✓
T11				✓	✓
T12				✓	✓
T13				✓	✓
T14				✓	✓





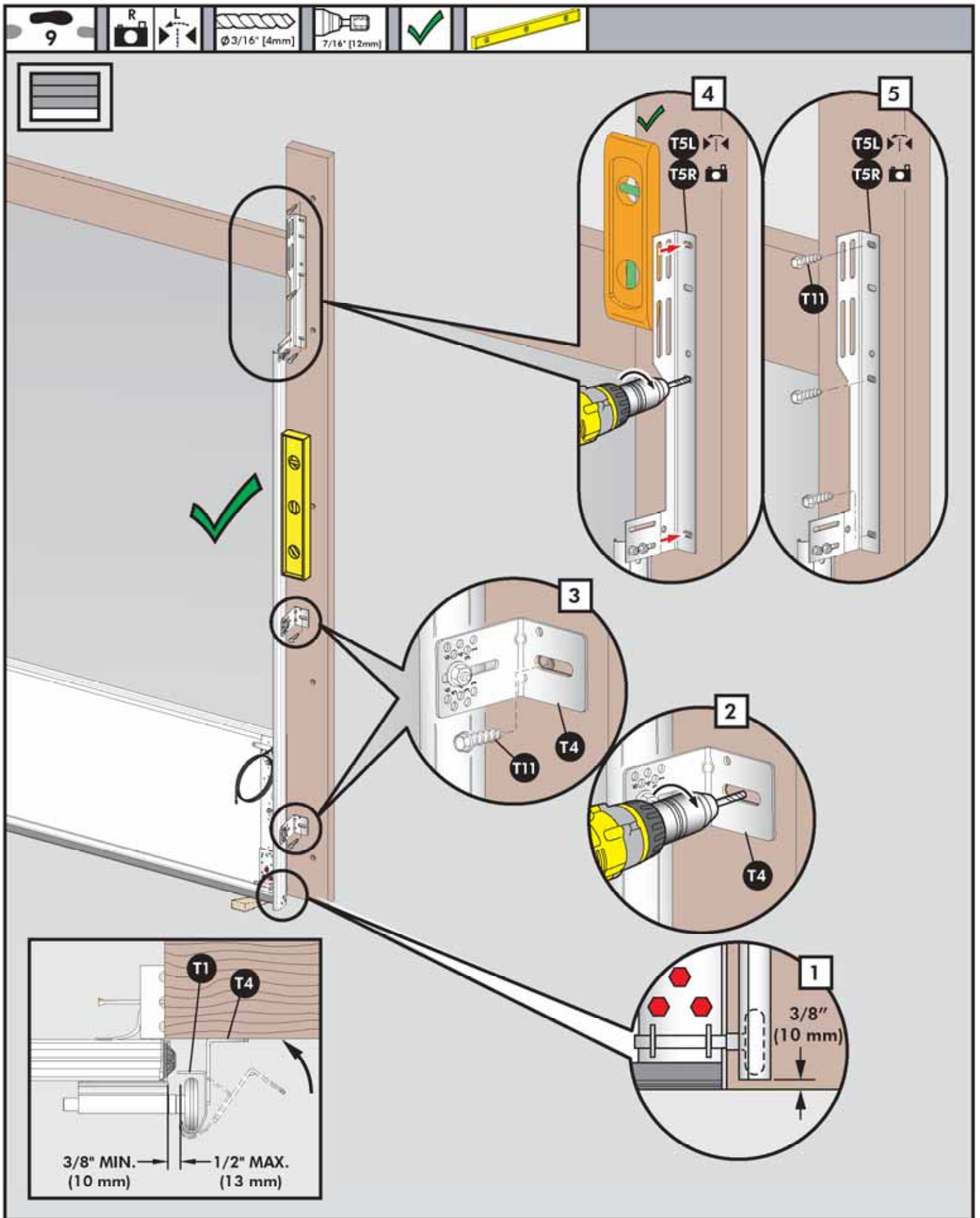


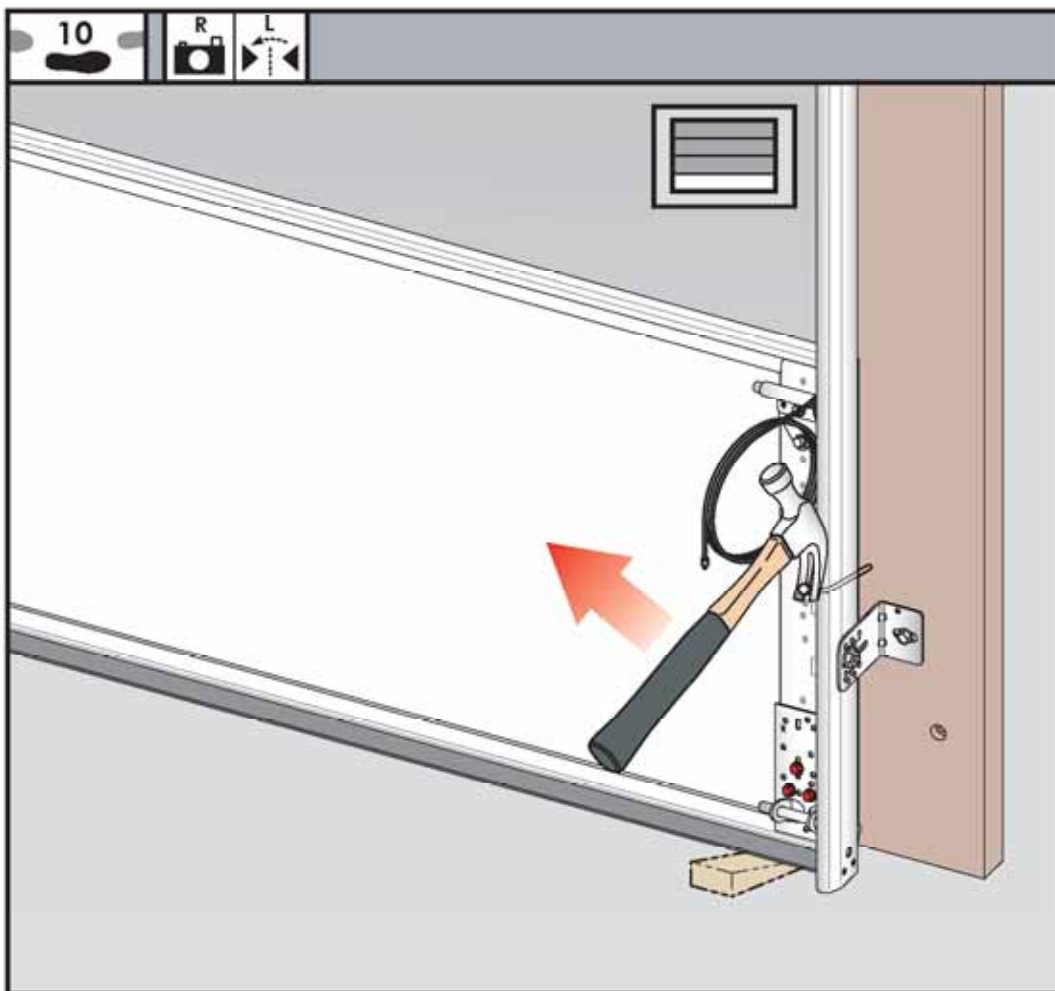


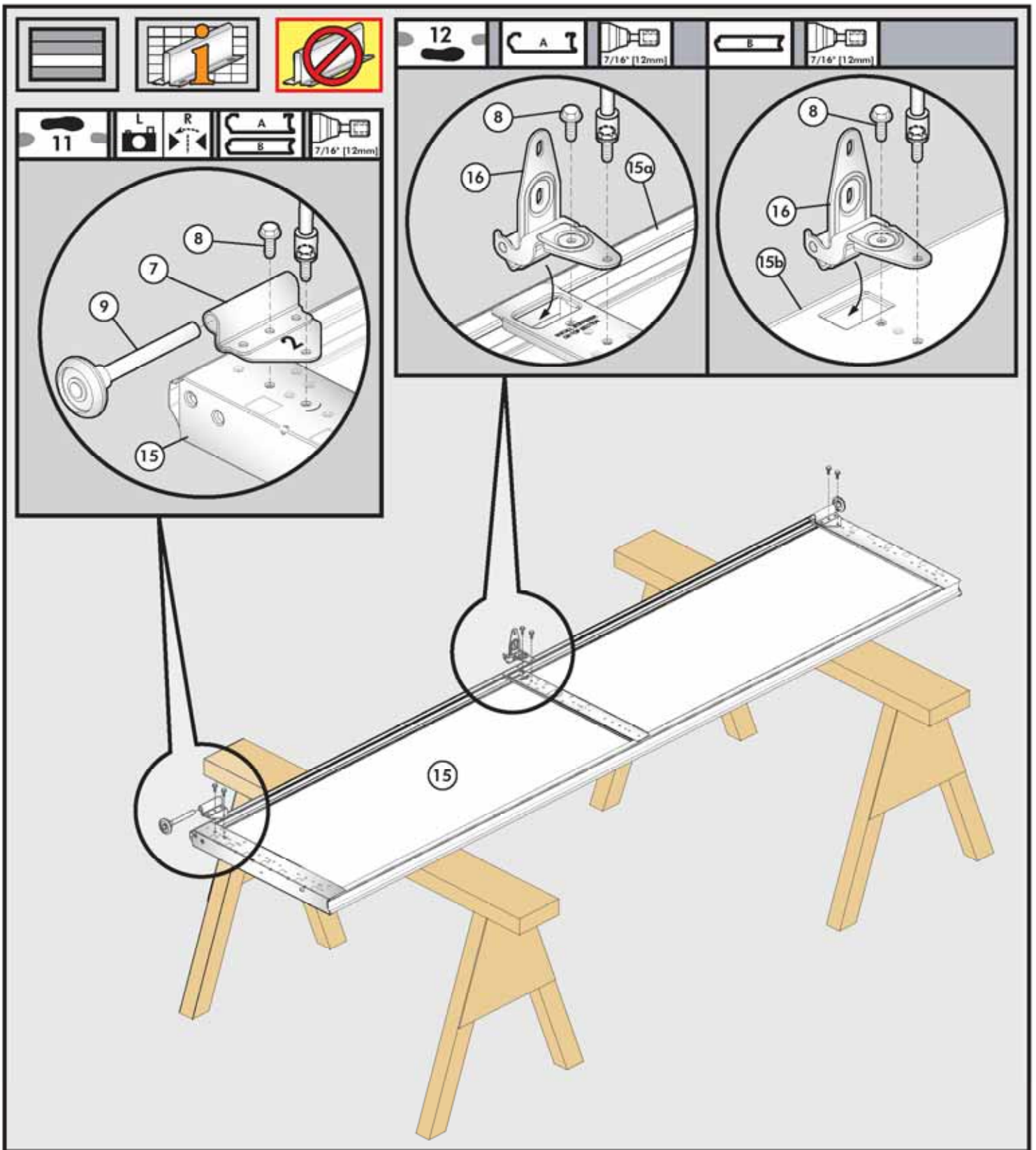


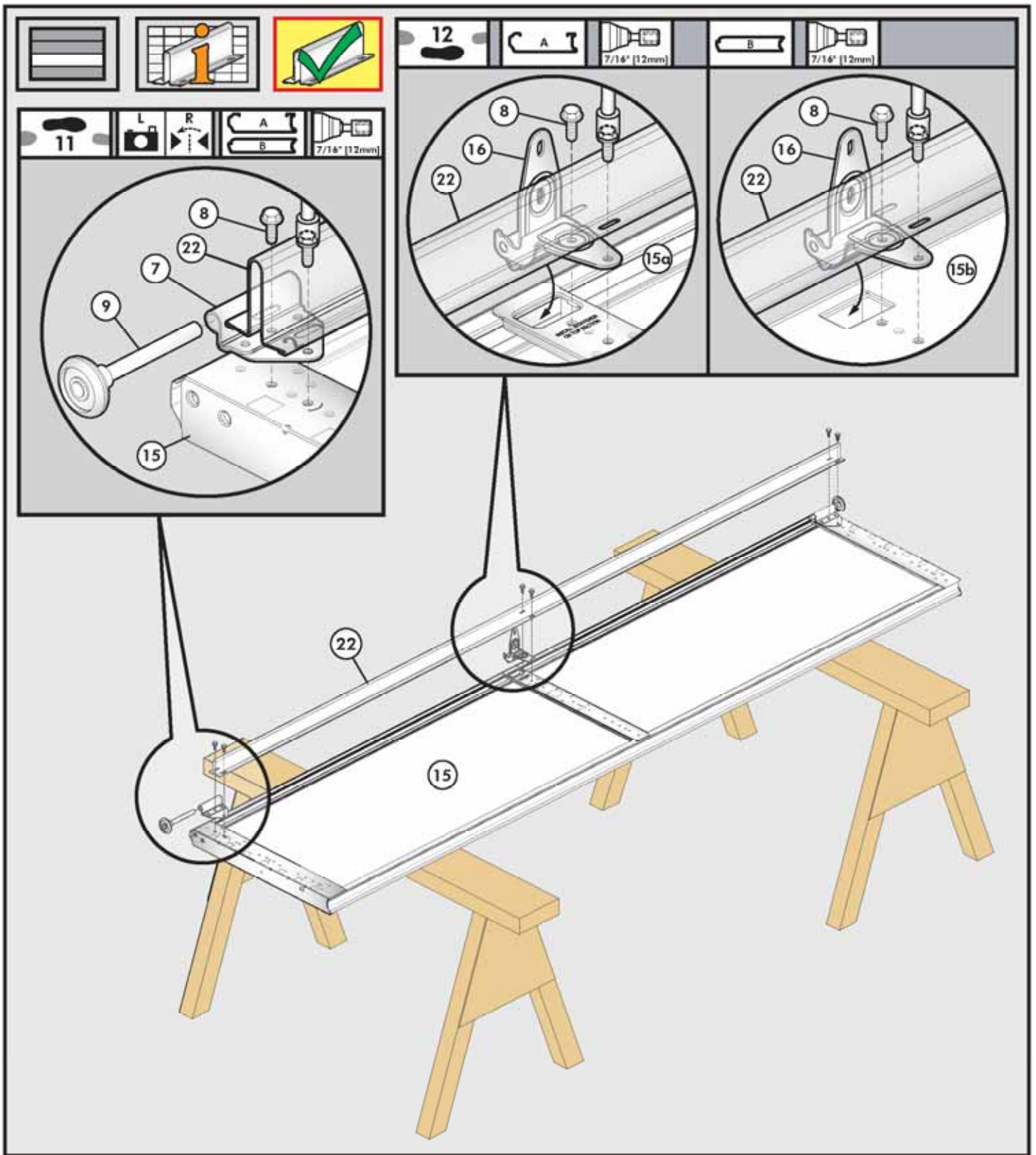
1		A	B
7'		4	1
8'		4	1

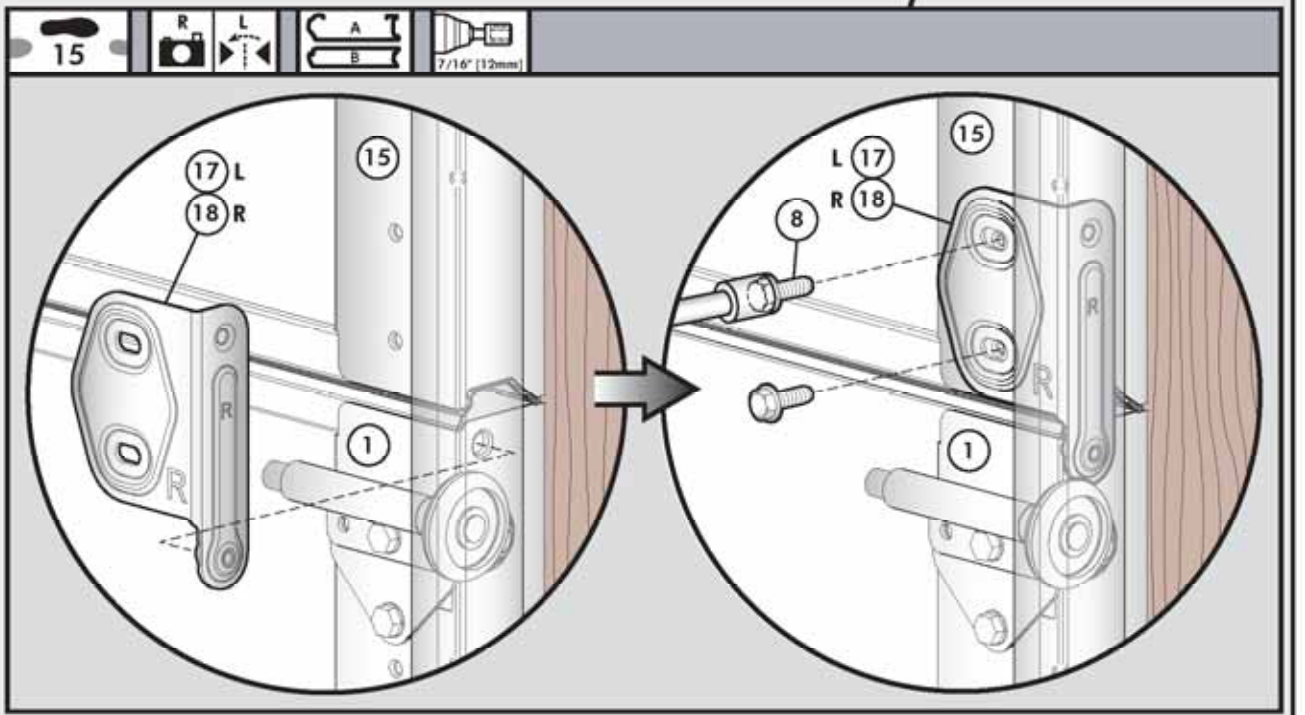
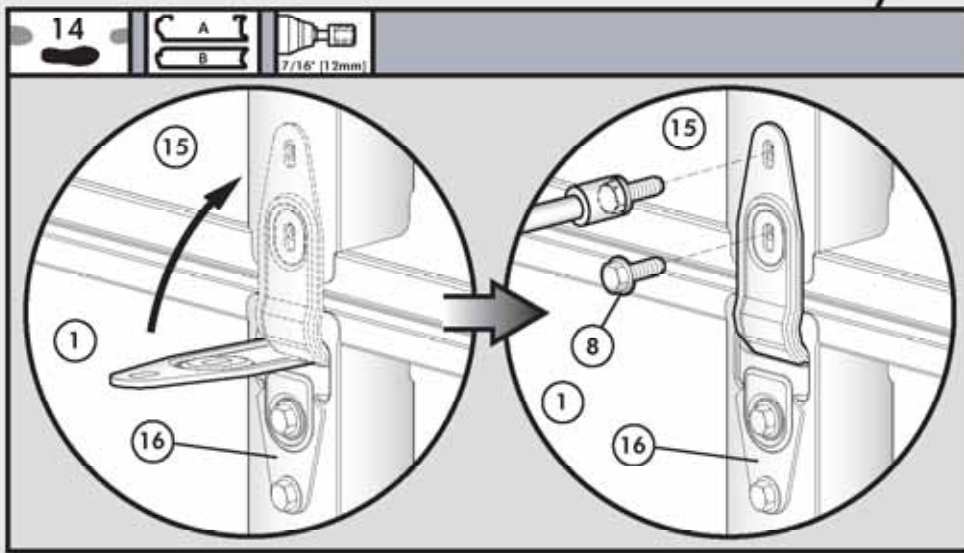
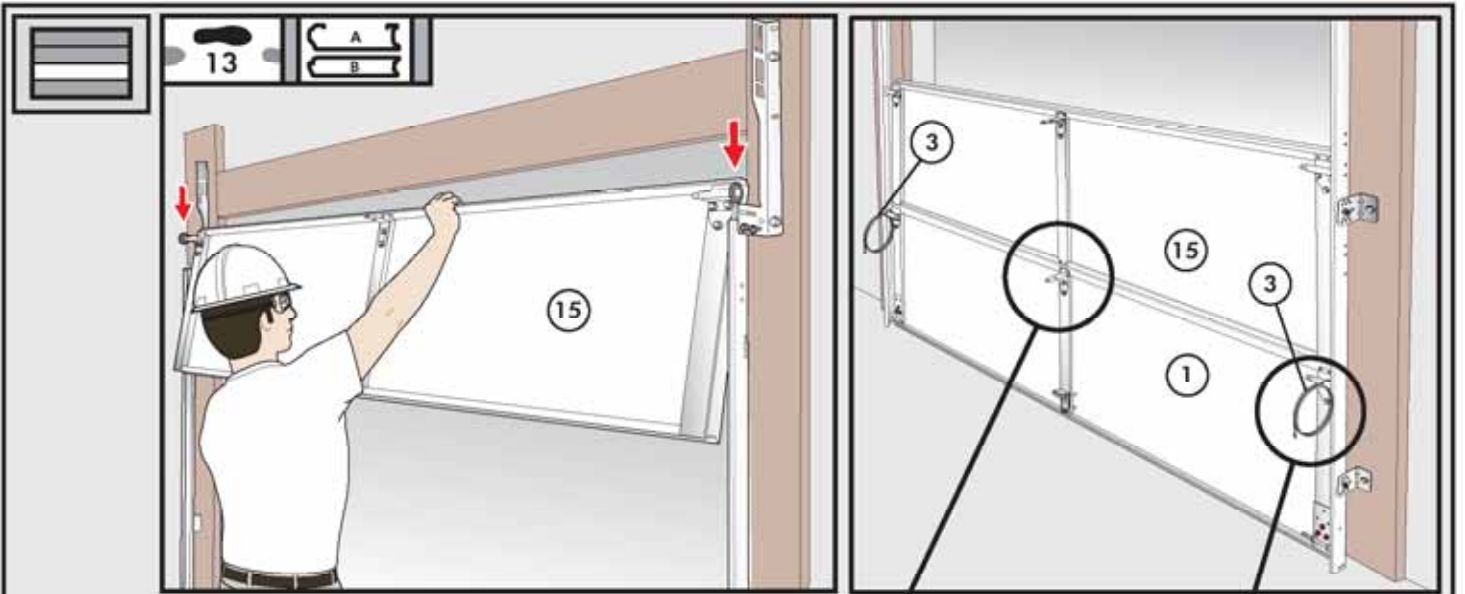
2		A	B
7'		5	3
8'		6	4

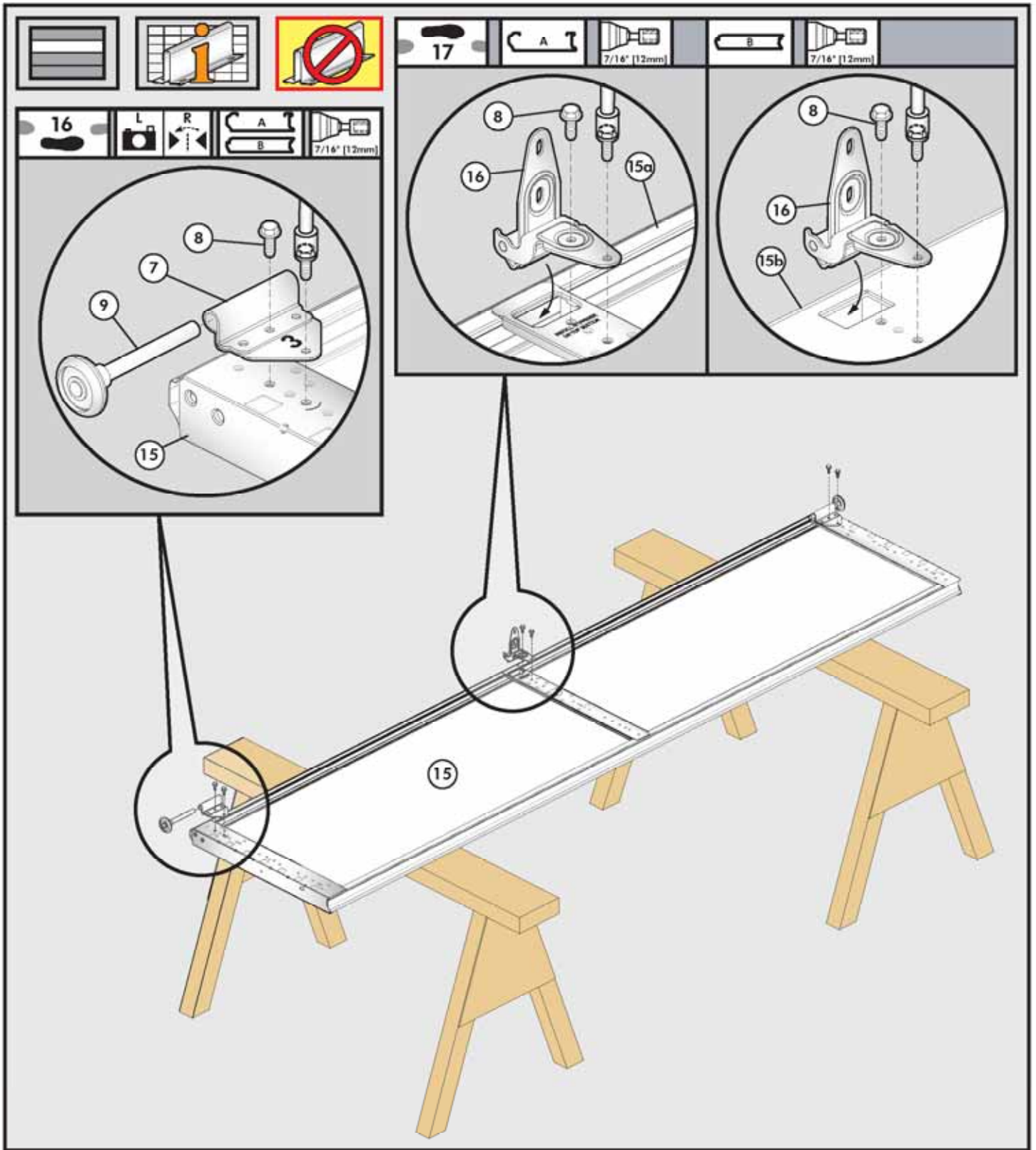


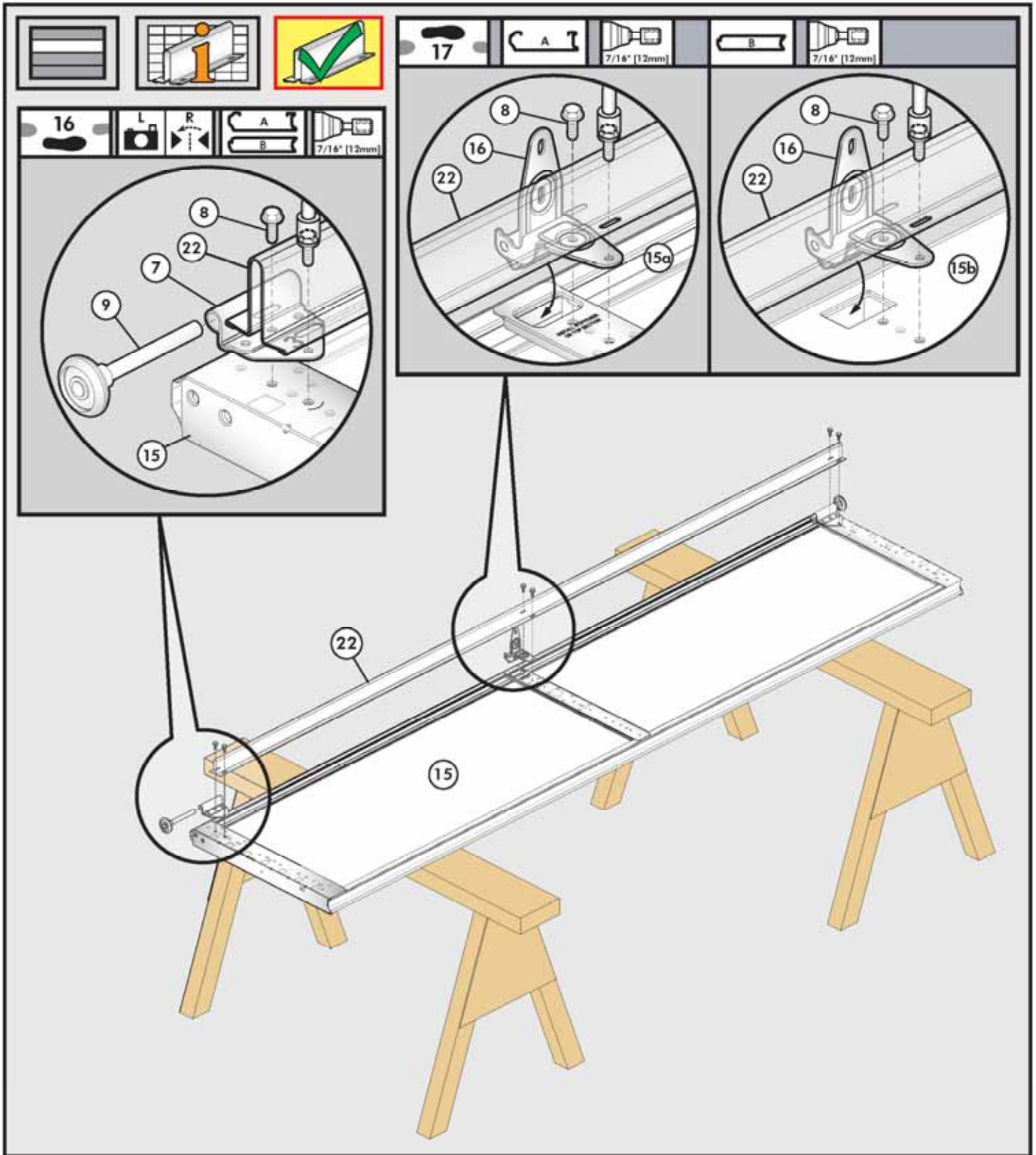




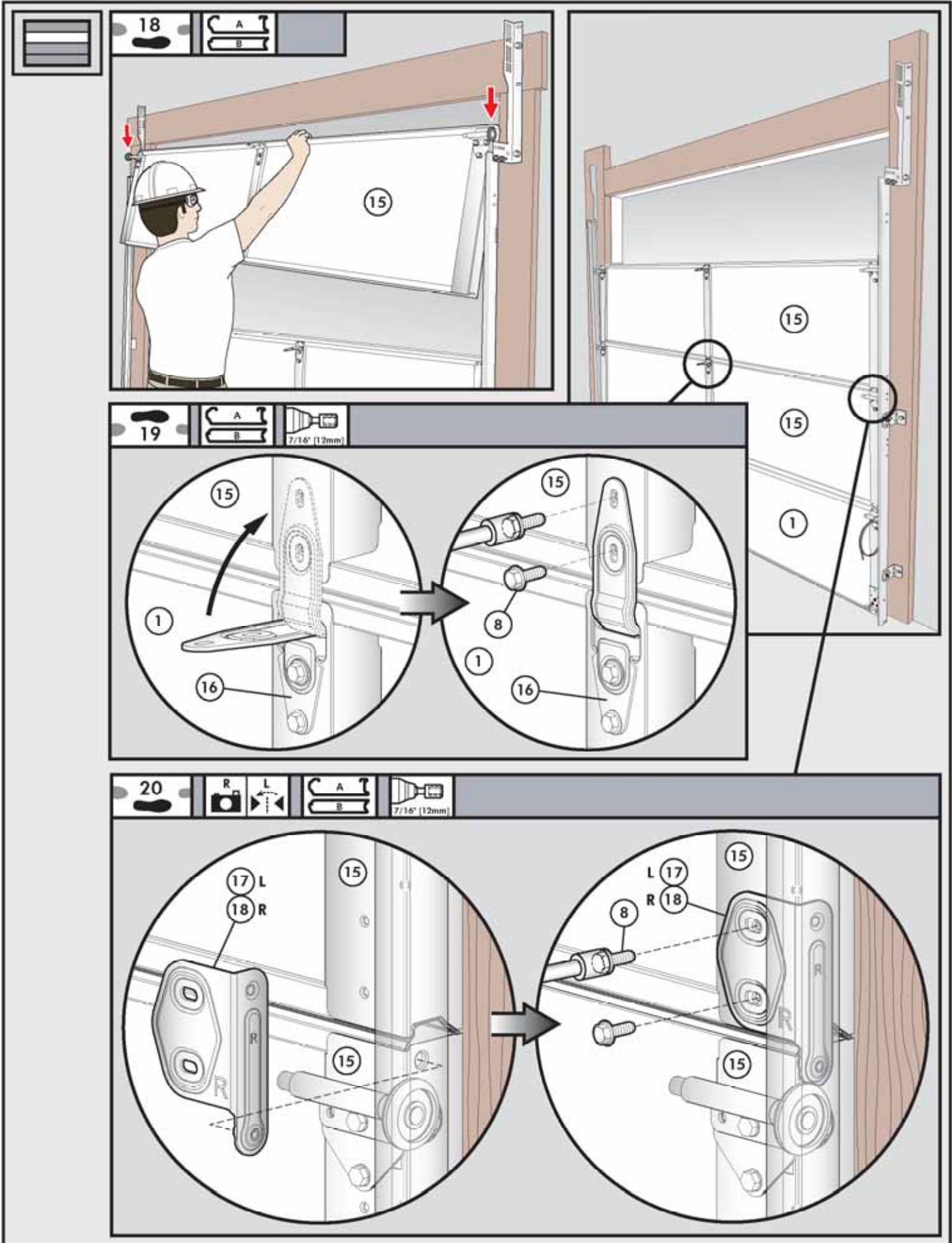


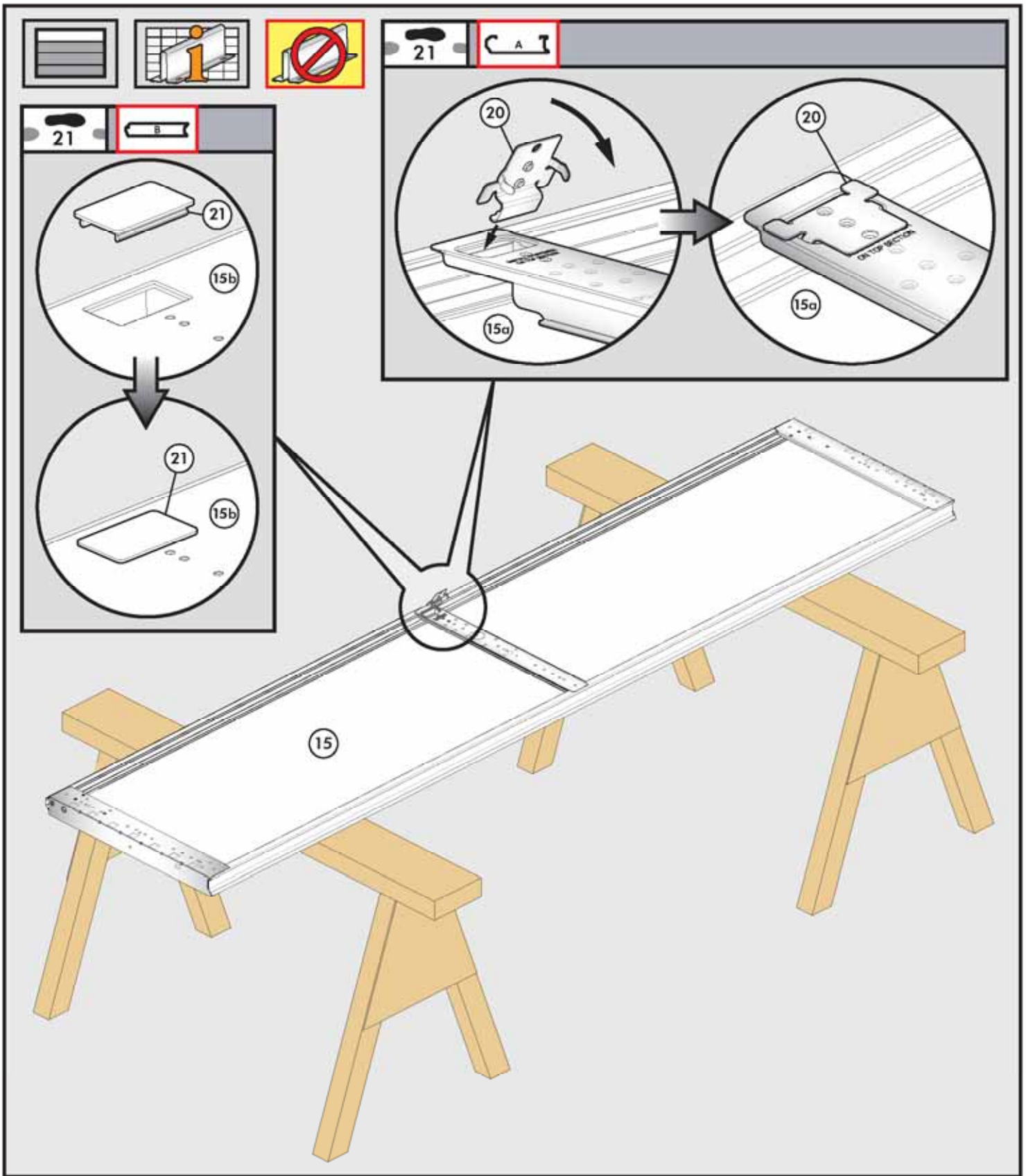


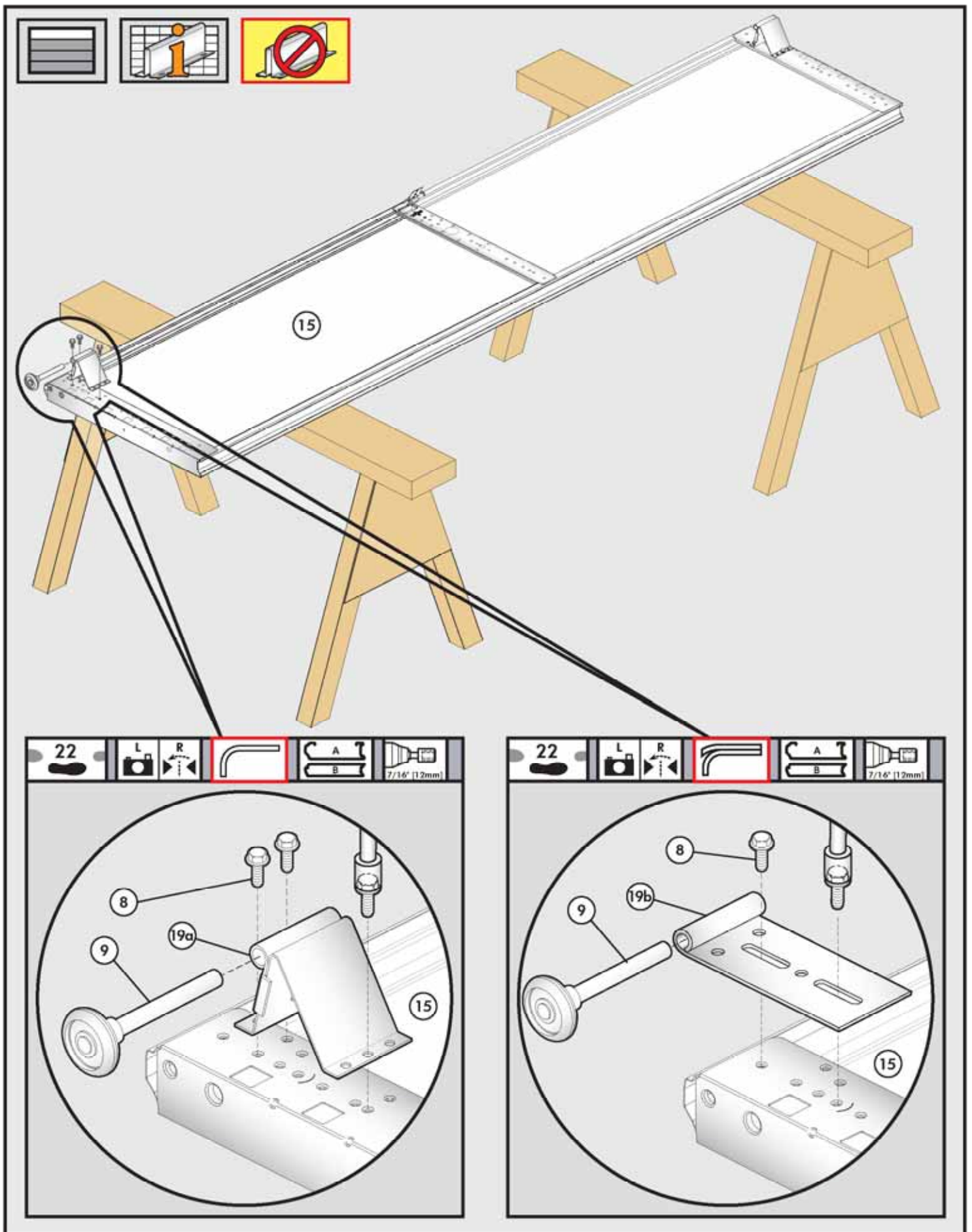


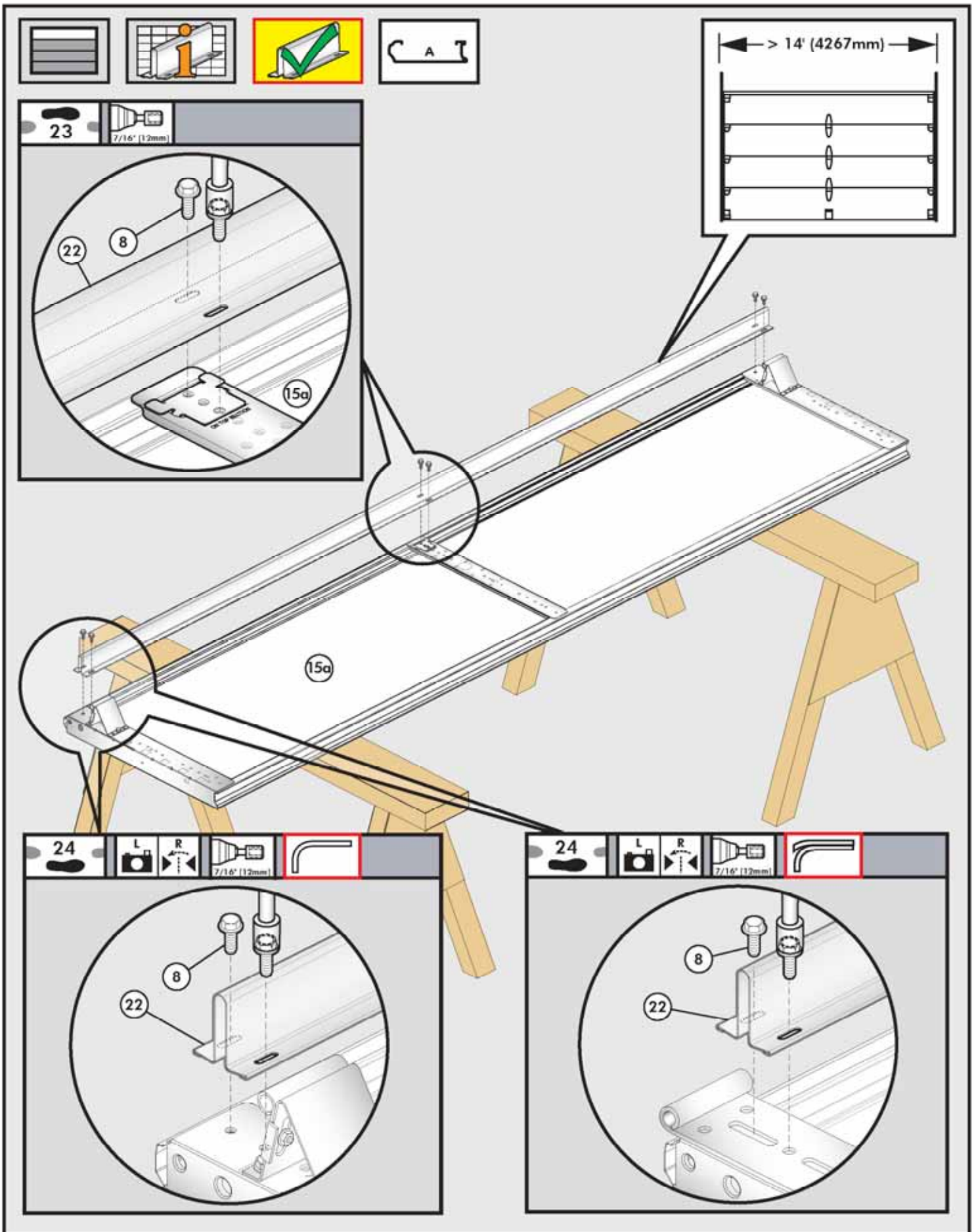


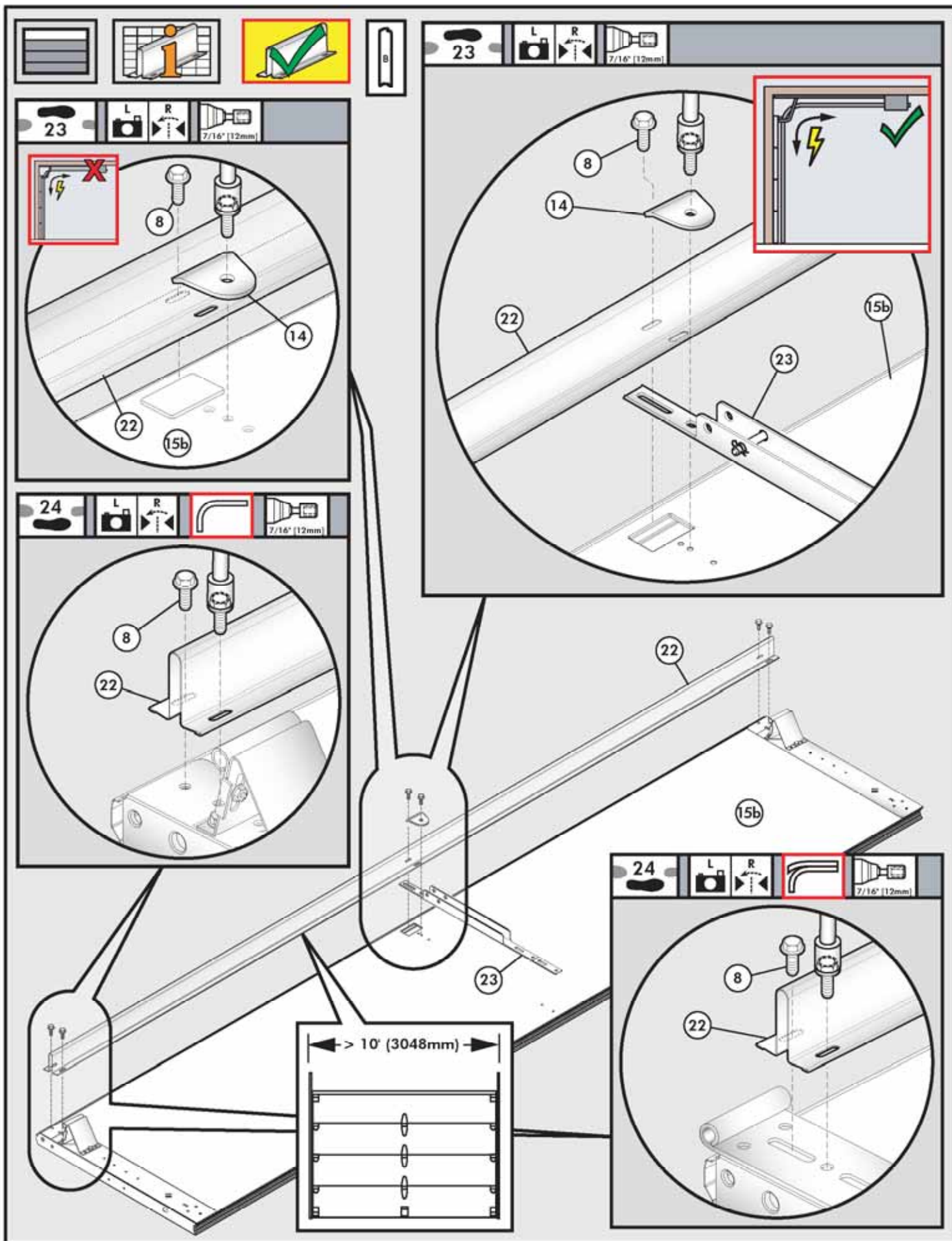


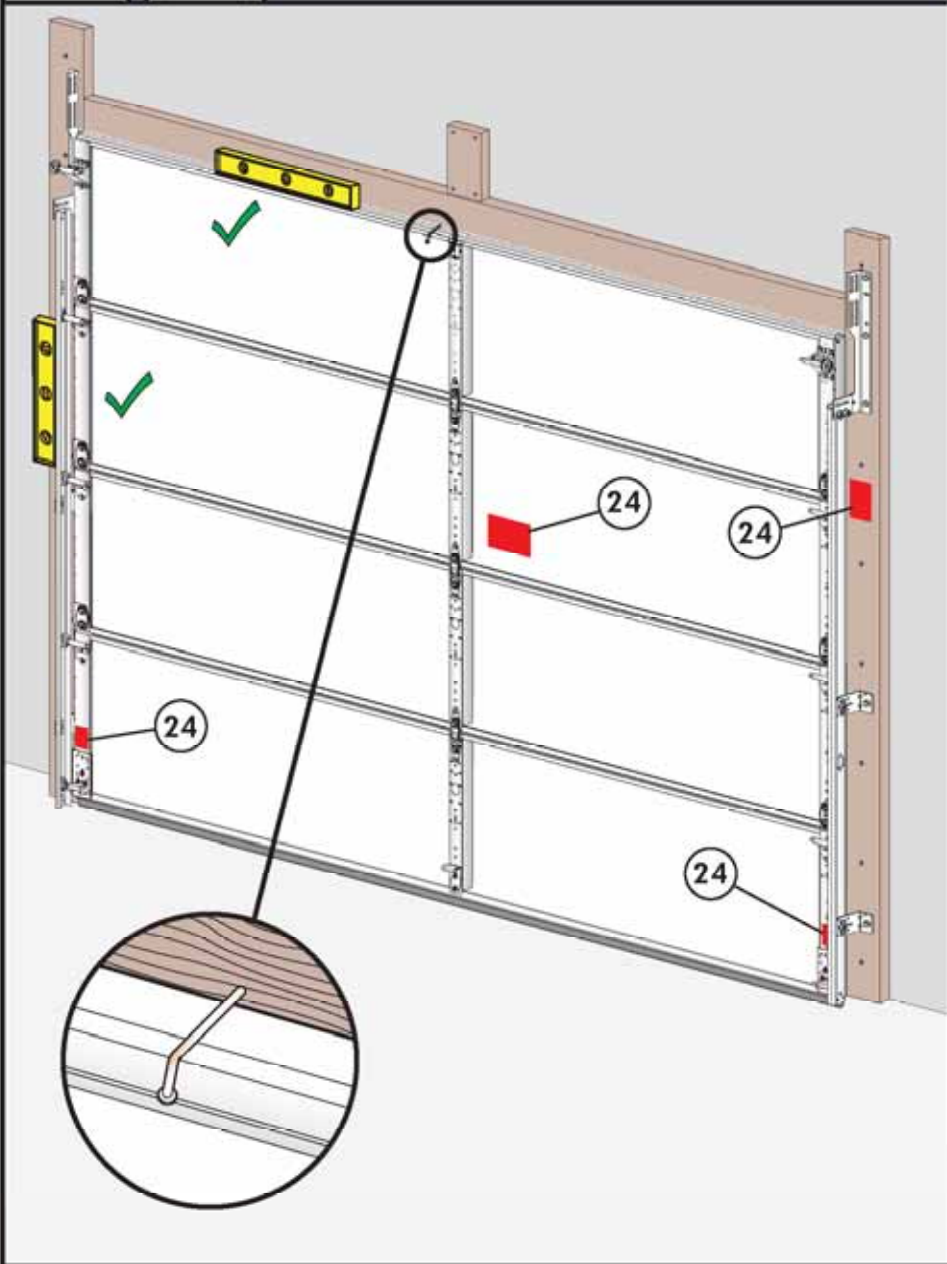
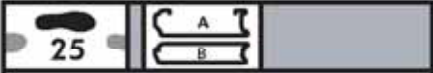


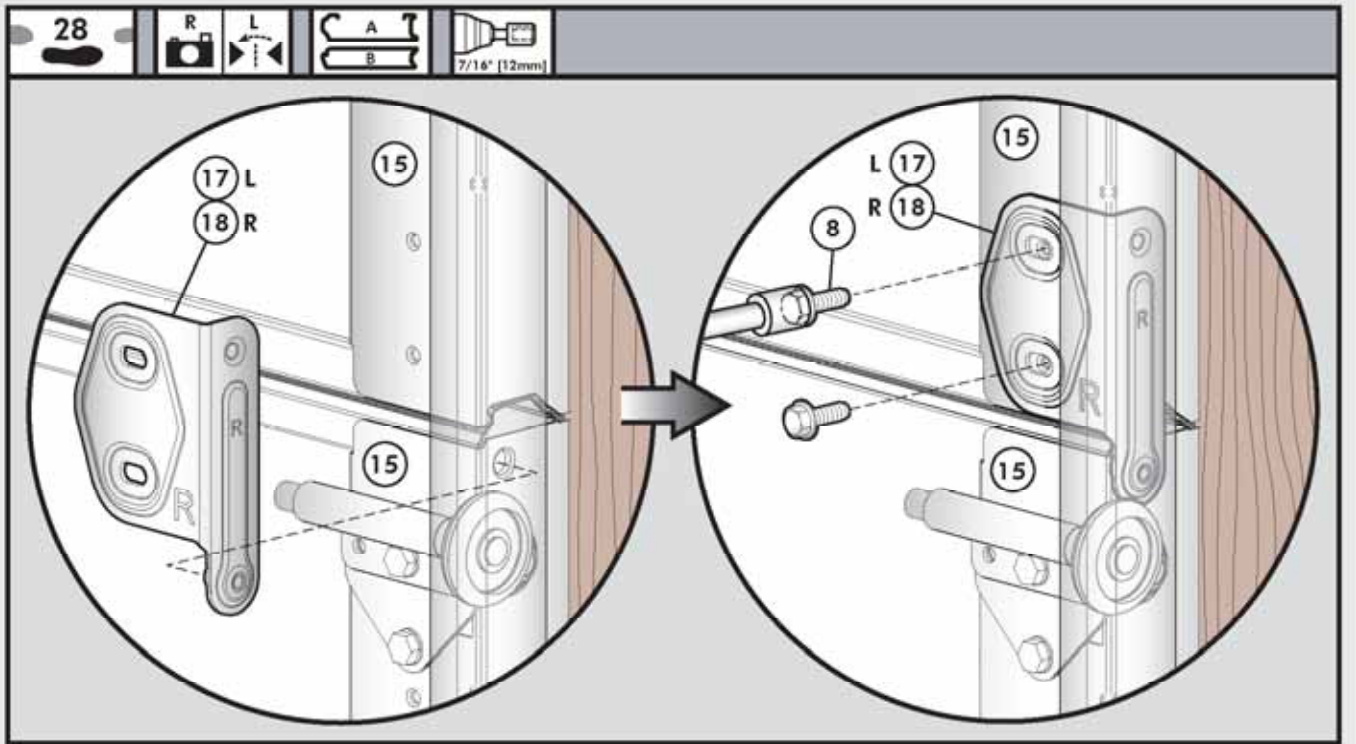
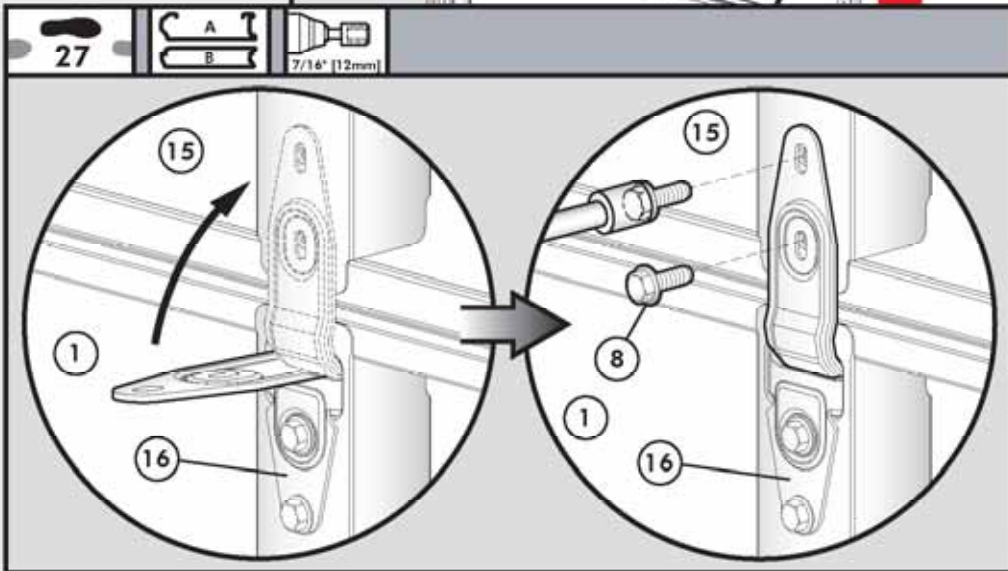
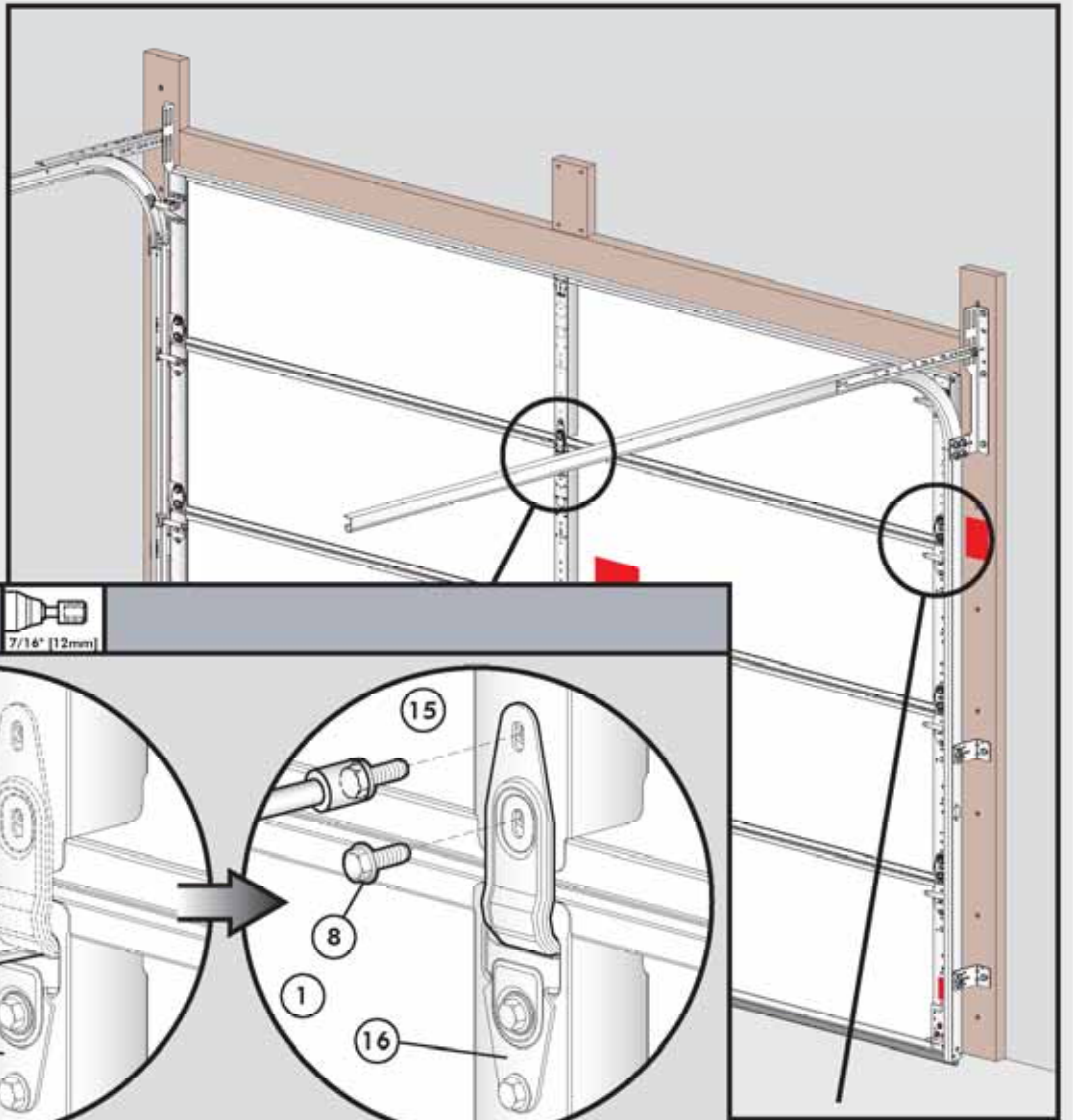


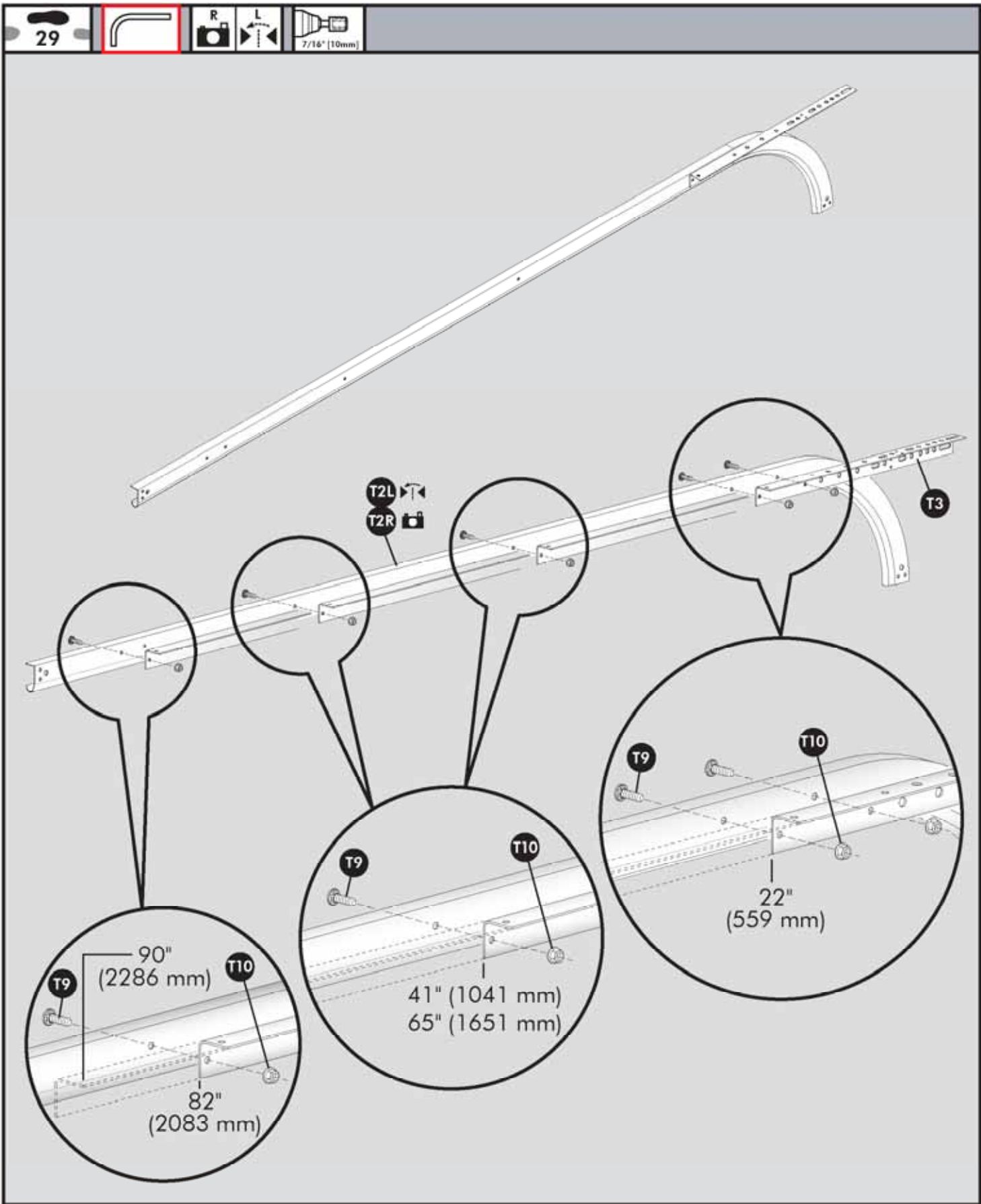




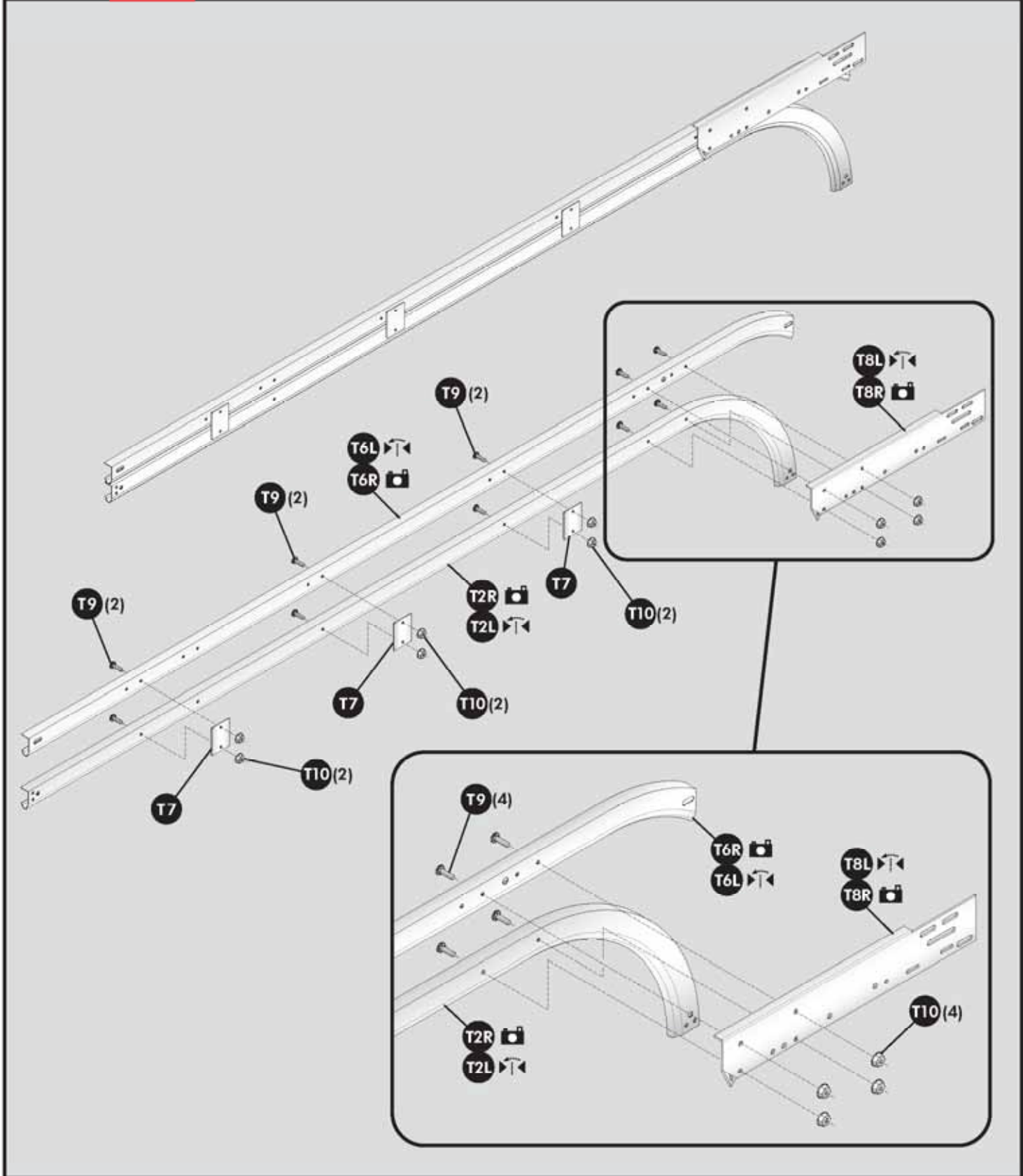


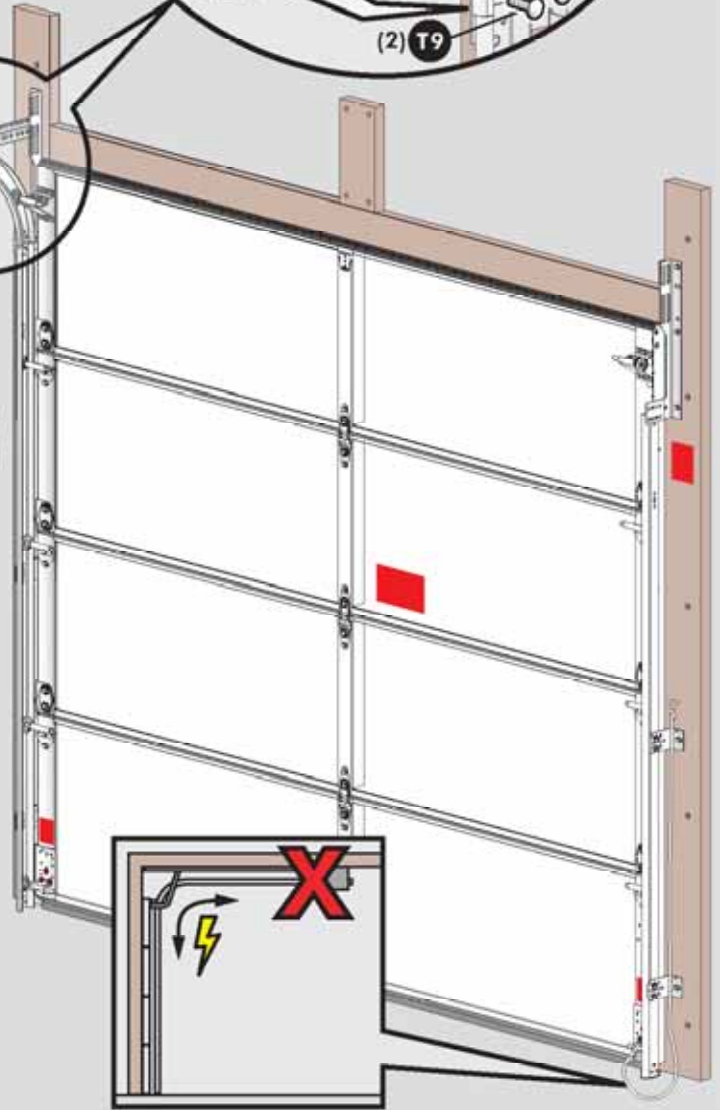
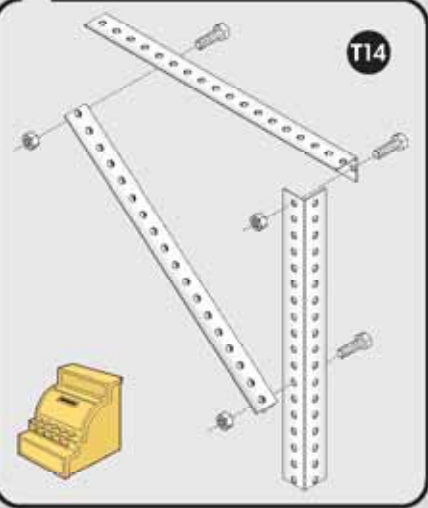
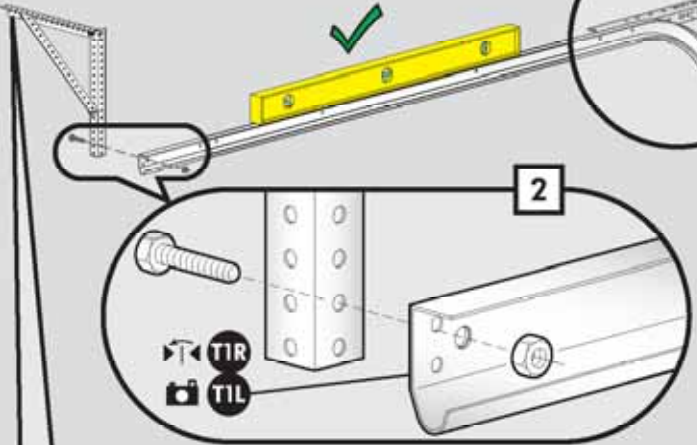
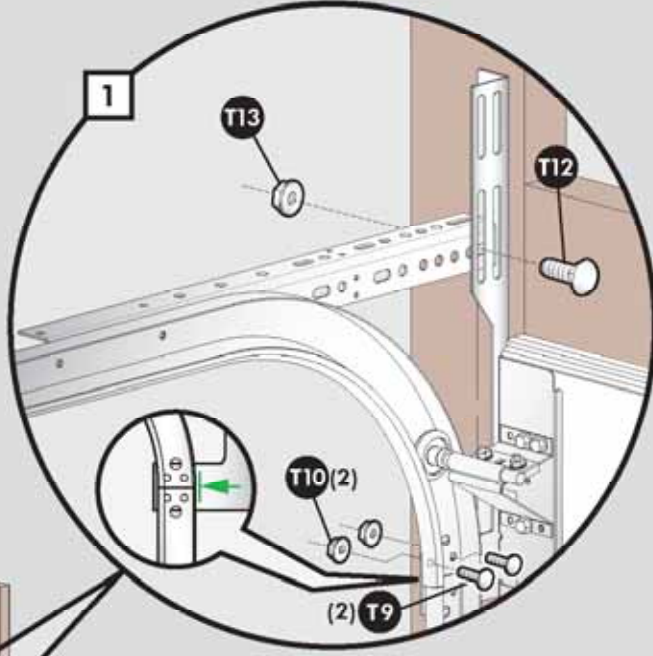
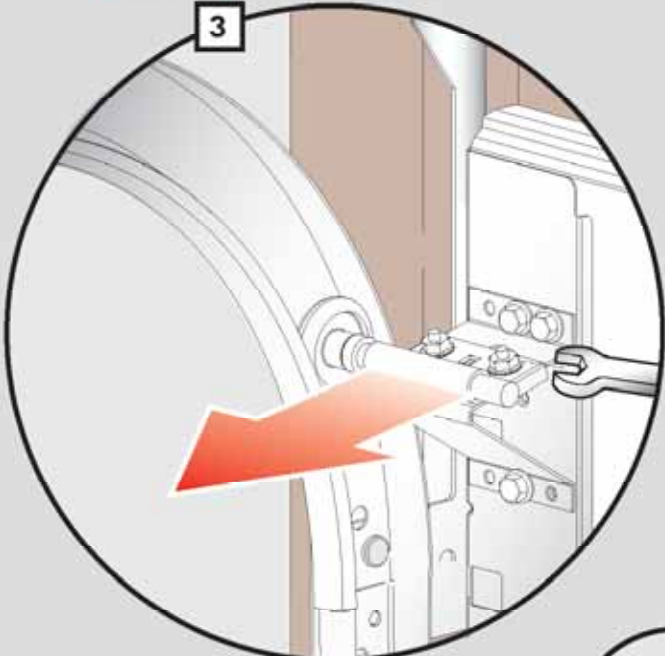


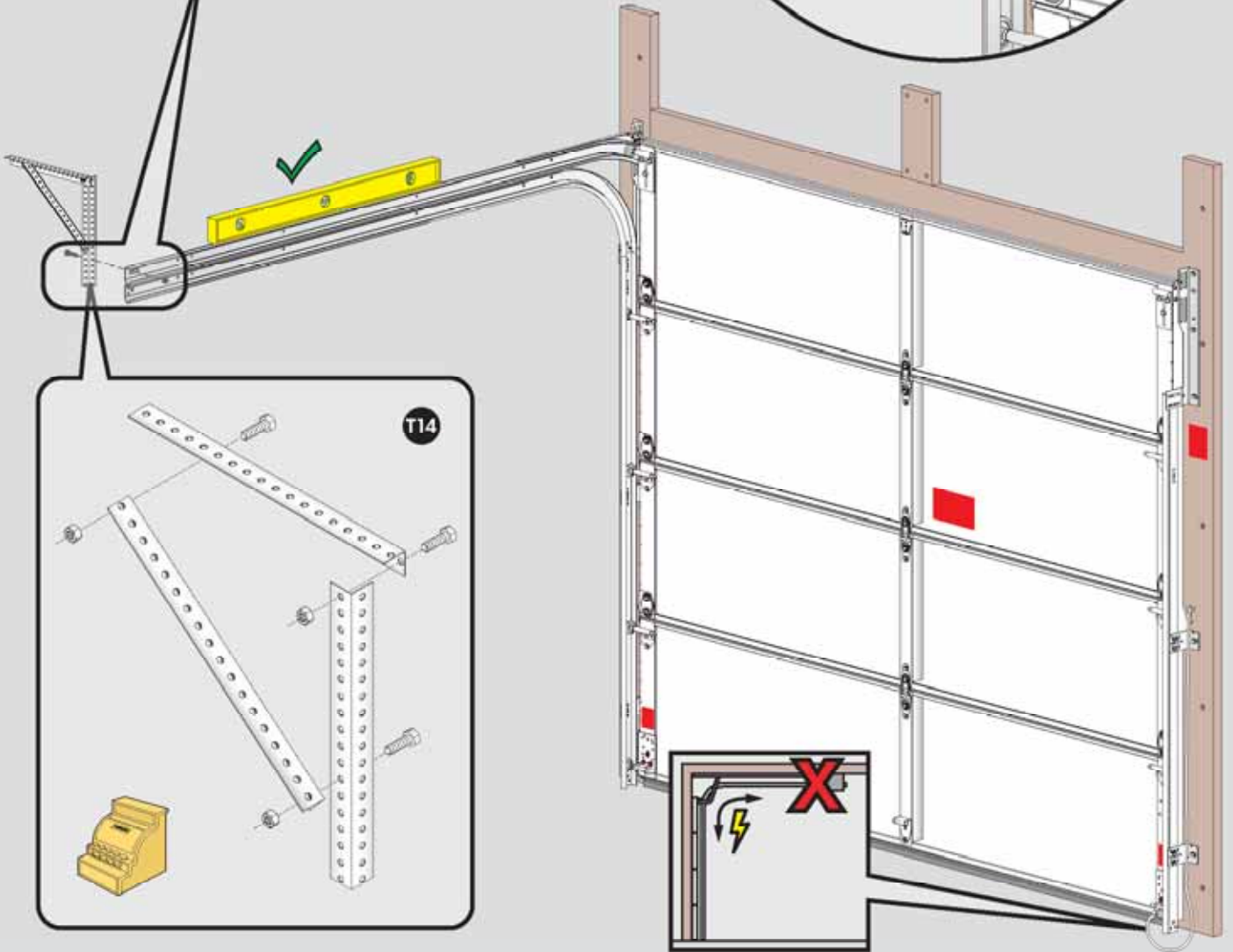
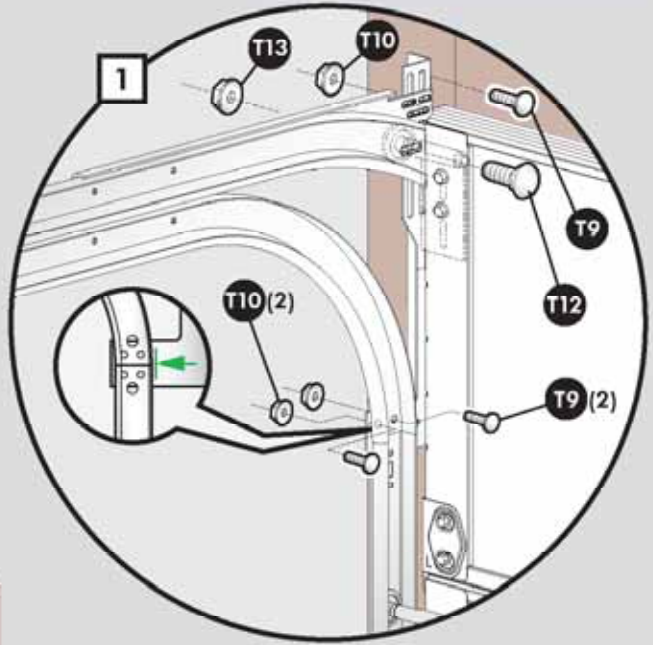
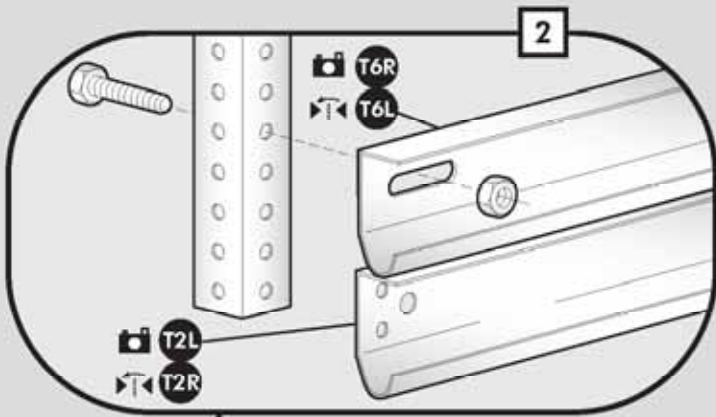


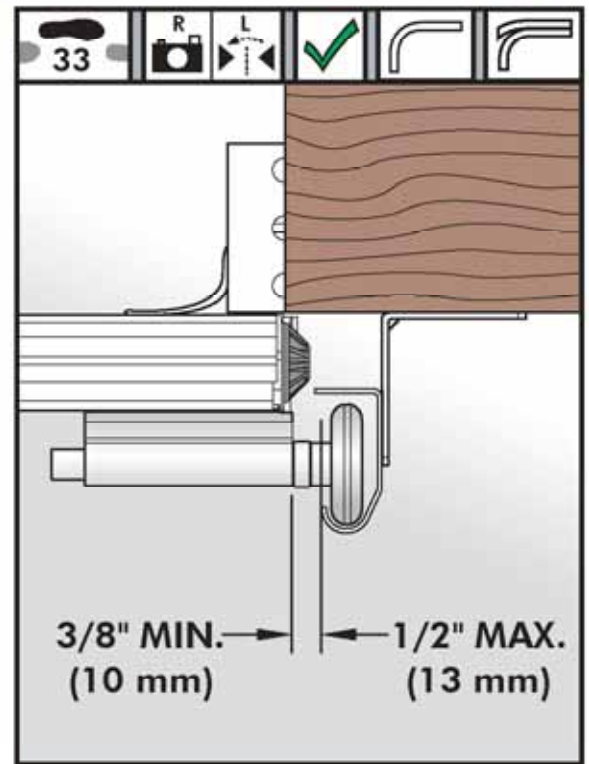
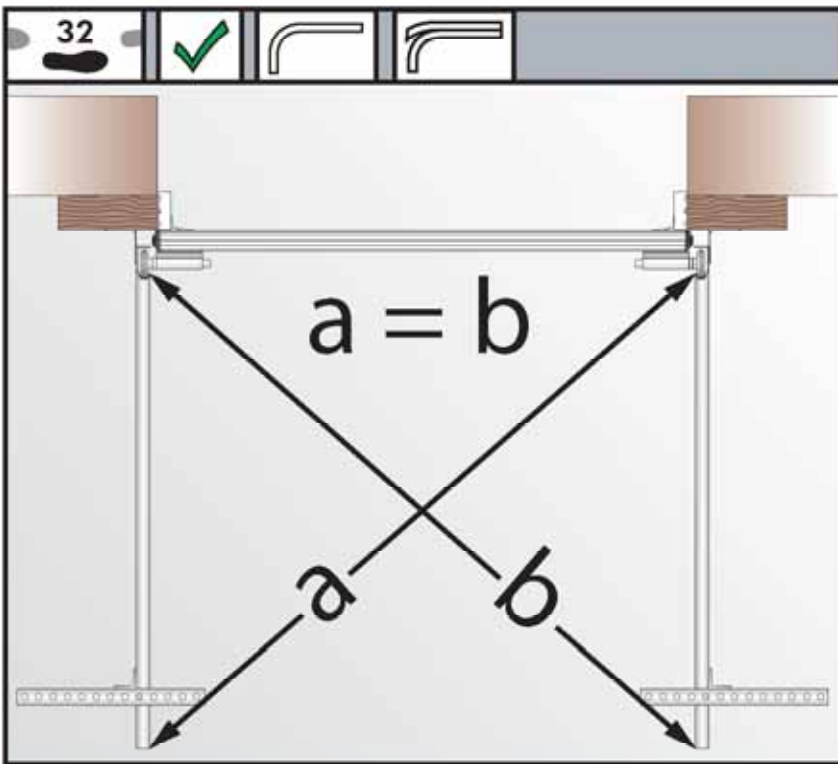
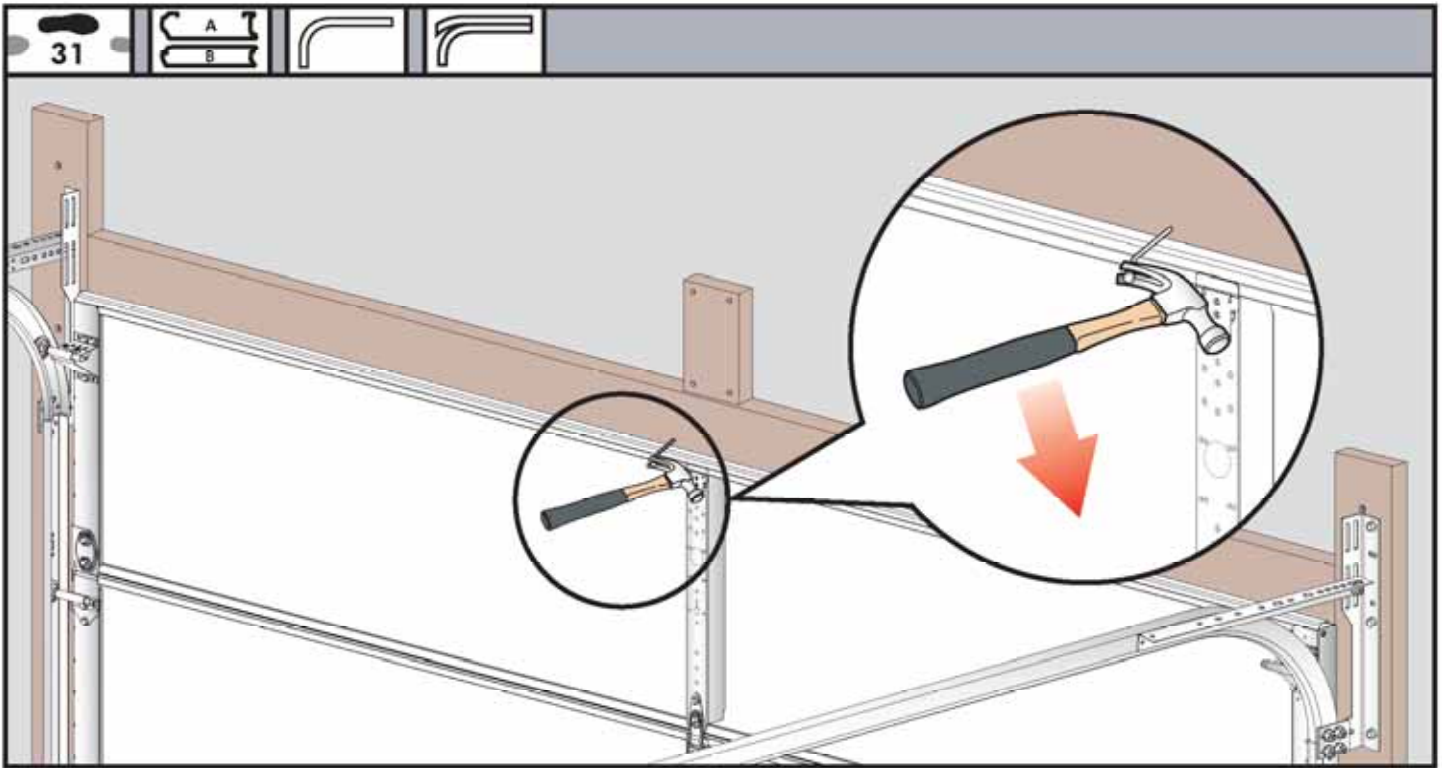




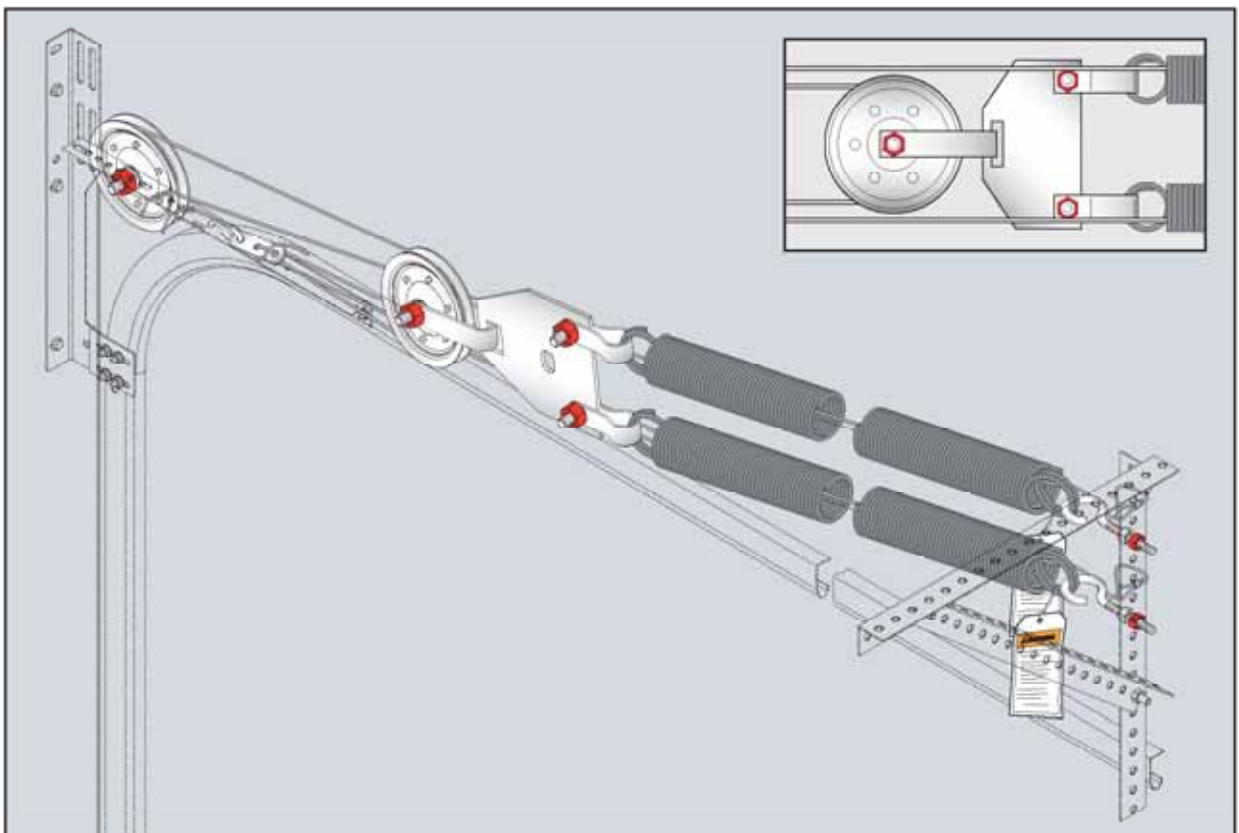
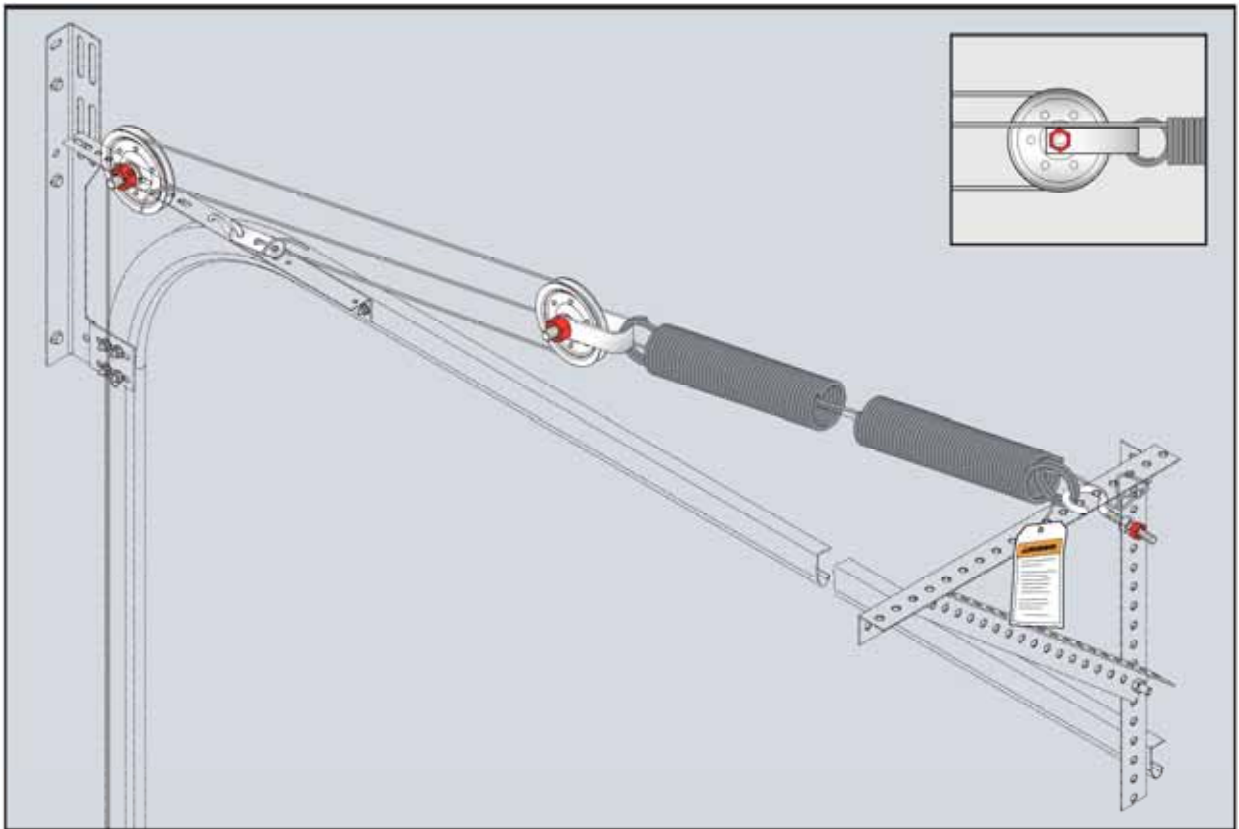







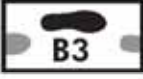








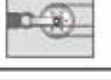

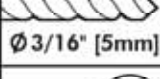
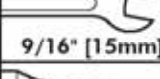



# Extension Spring Installation Instructions



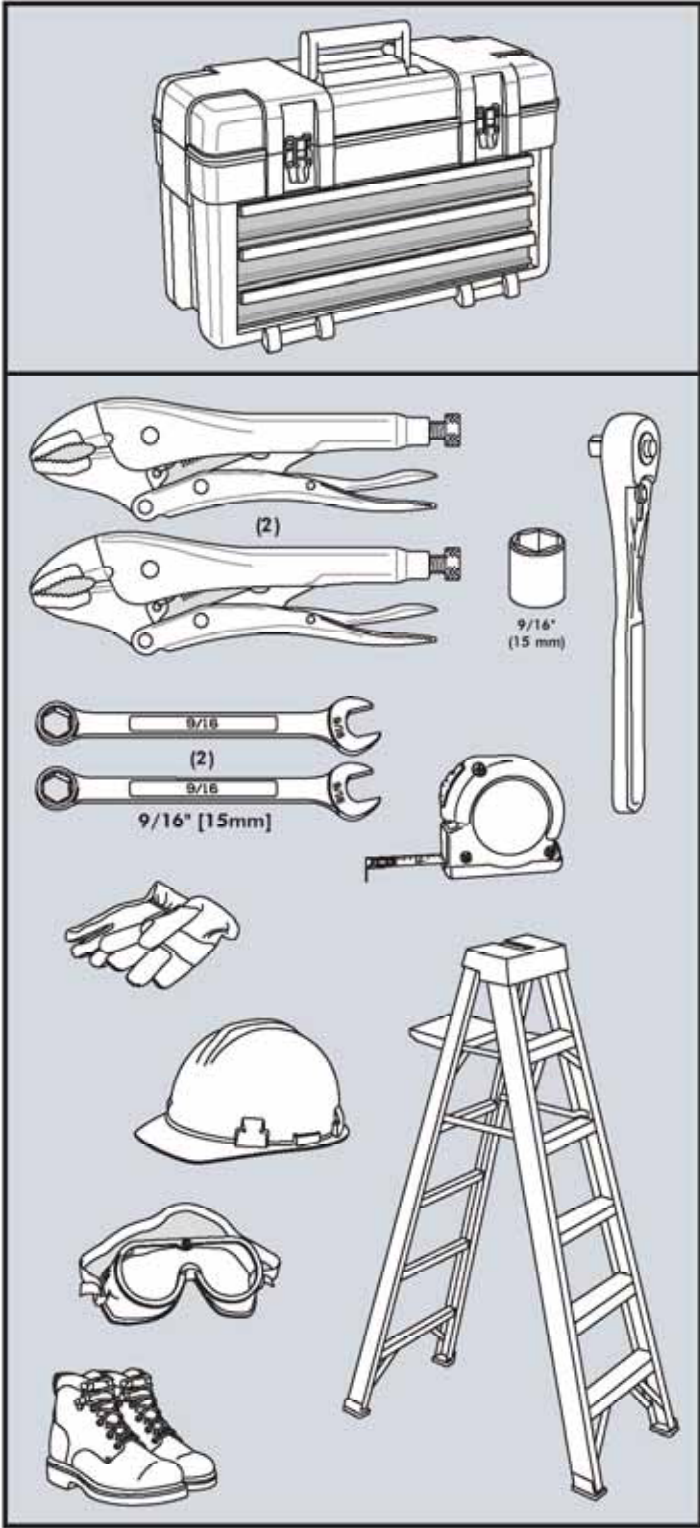
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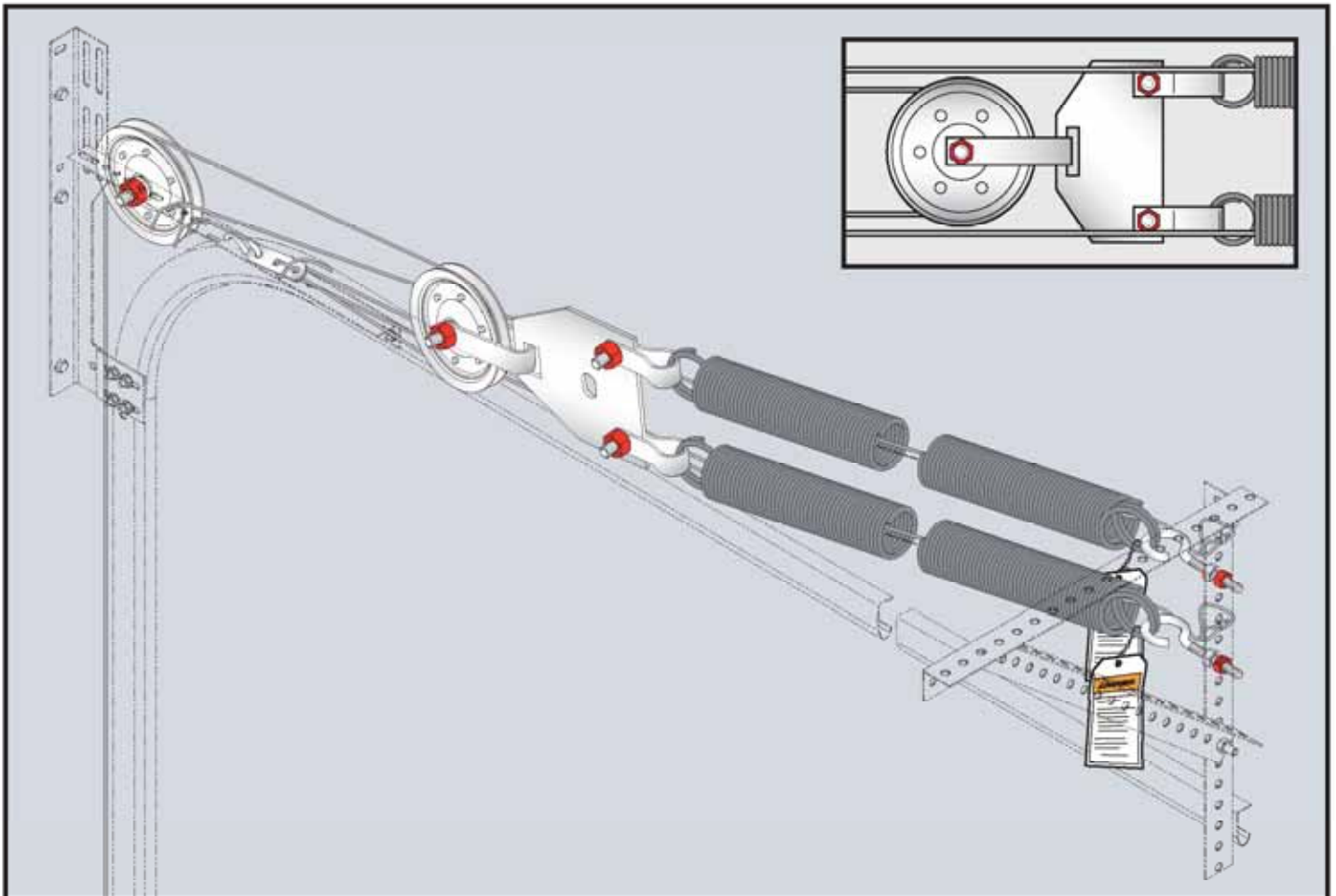
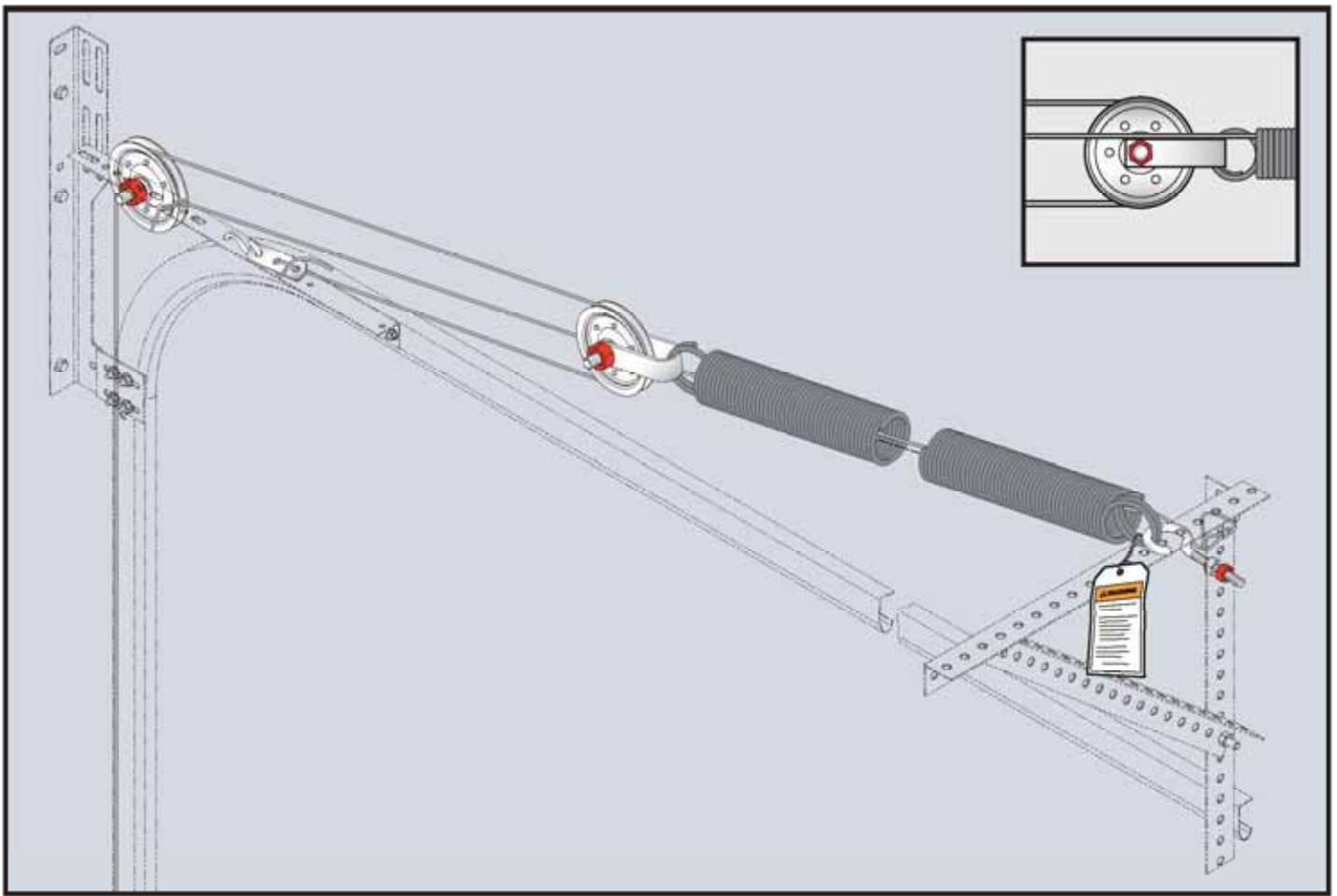
# ICON GUIDE

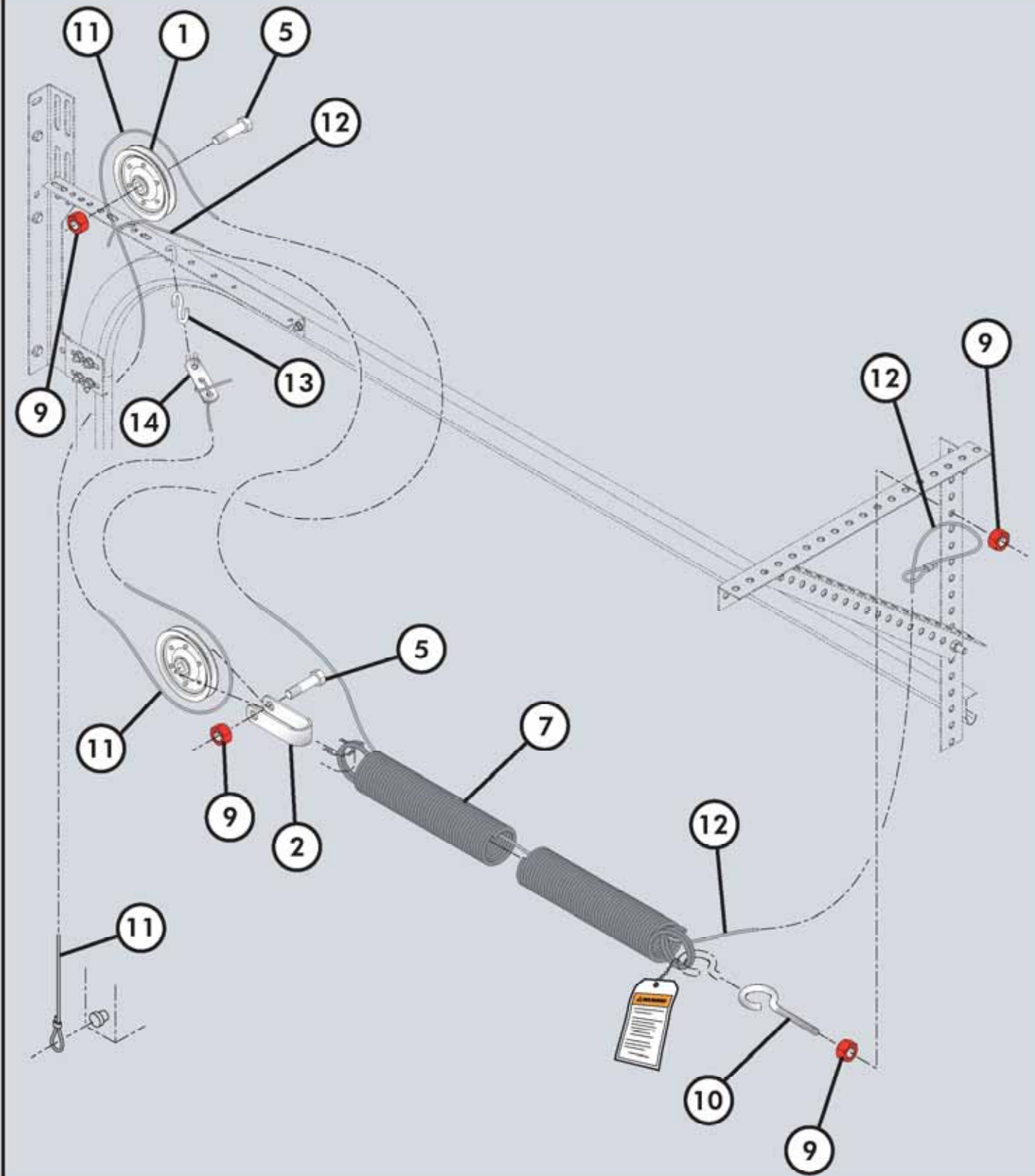
ICON	INDICATES:
	STEP; ORDER OF INSTRUCTION, APPLIES TO SINGLE AND DOUBLE LAYER PANELS ONLY <i>EXAMPLE: STEP A3</i>
	STEP; ORDER OF INSTRUCTION, APPLIES TO TRIPLE LAYER PANELS ONLY <i>EXAMPLE: STEP B3</i>
	STEP; ORDER OF INSTRUCTION, APPLIES TO ALL PANELS <i>EXAMPLE: STEP 3</i>
	ORIENTATION OF THE VIEW BELOW <i>EXAMPLE: VIEW OF THE RIGHT SIDE OF THE ASSEMBLY</i>
	MIRROR IMAGE OF VIEW BELOW <i>EXAMPLE: MIRROR IMAGE OF VIEW IS LEFT SIDE OF ASSEMBLY</i>
	ITEM NUMBER <i>EXAMPLE: ITEM NUMBER 5</i>
	APPLIES TO THIS ITEM, CHECK STEP or PASSES TEST
	DOES NOT APPLY TO THIS ITEM, WRONG WAY or DOES NOT PASS TEST
	PART FOR SINGLE SPRING SYSTEM
	PART FOR DUAL SPRING SYSTEM
	STEP APPLIES TO SINGLE SPRING SYSTEM
	STEP APPLIES TO DUAL SPRING SYSTEM
 Ø 3/16" [5mm]	DRILL BIT SIZE <i>EX: 3/16" DRILL BIT</i>
 9/16" [15mm]	WRENCH SIZE <i>EX: 9/16" WRENCH</i>
 7/16" [12mm]	SOCKET WRENCH SIZE <i>EX: 7/16" SOCKET WRENCH</i>

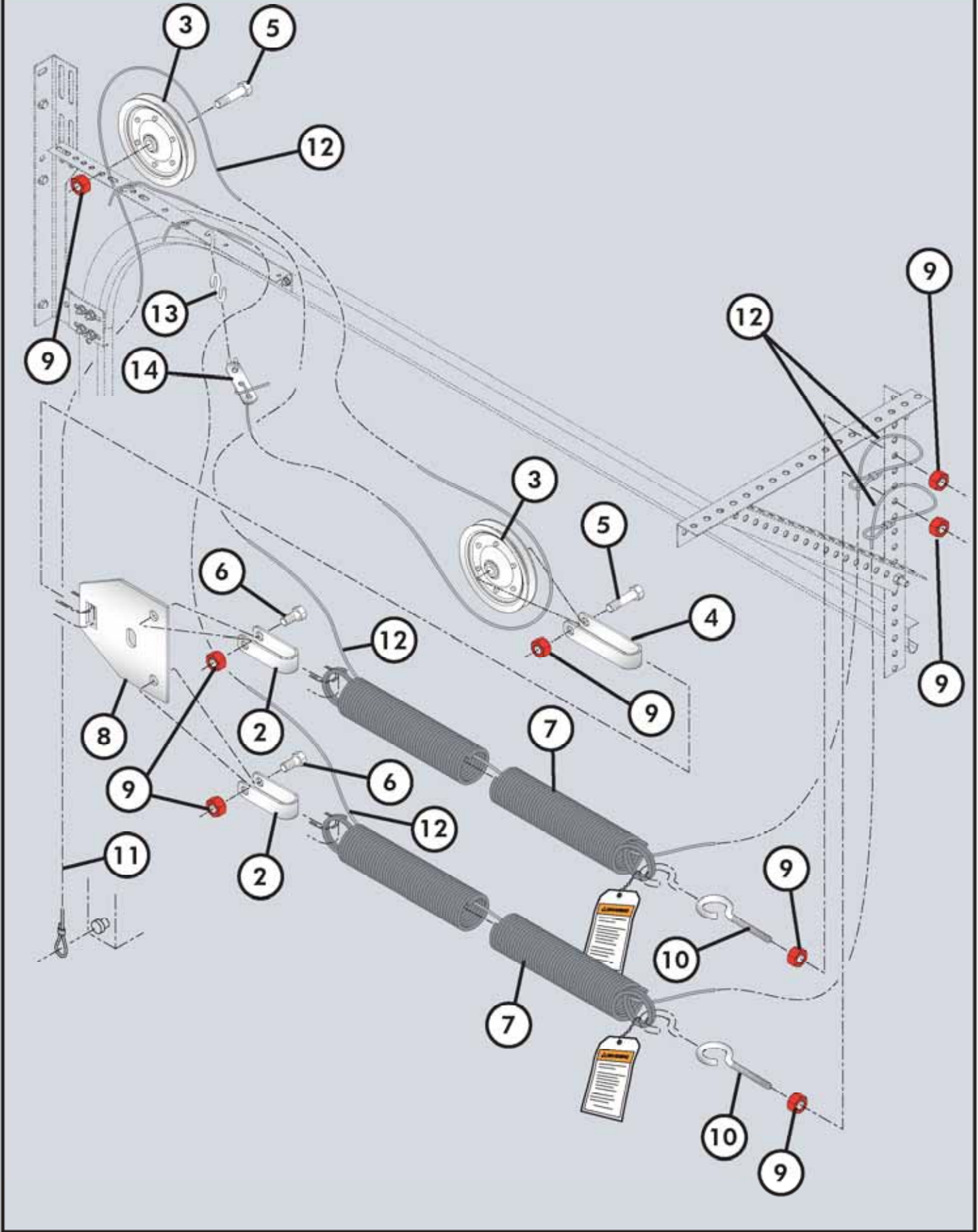
			 	
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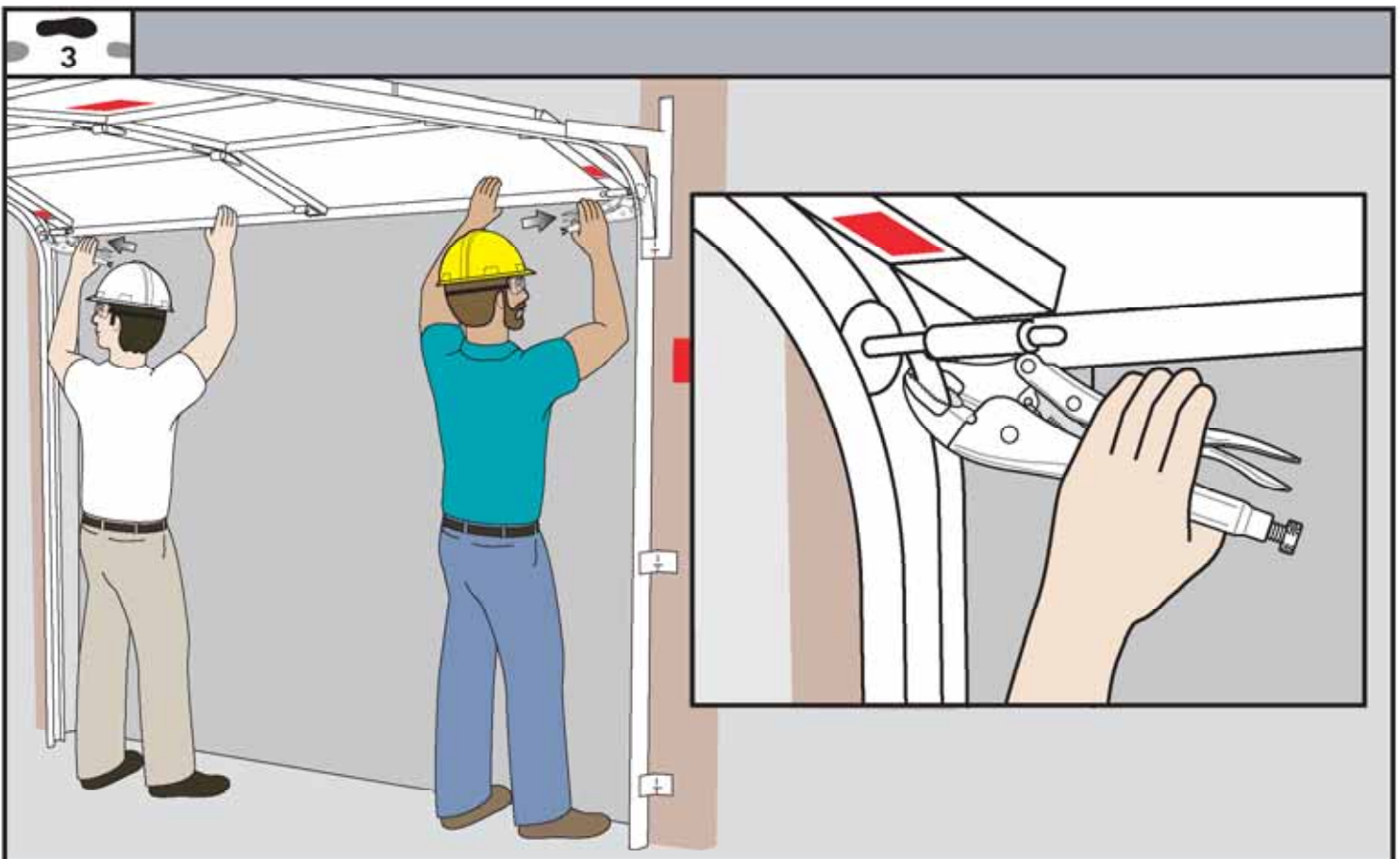
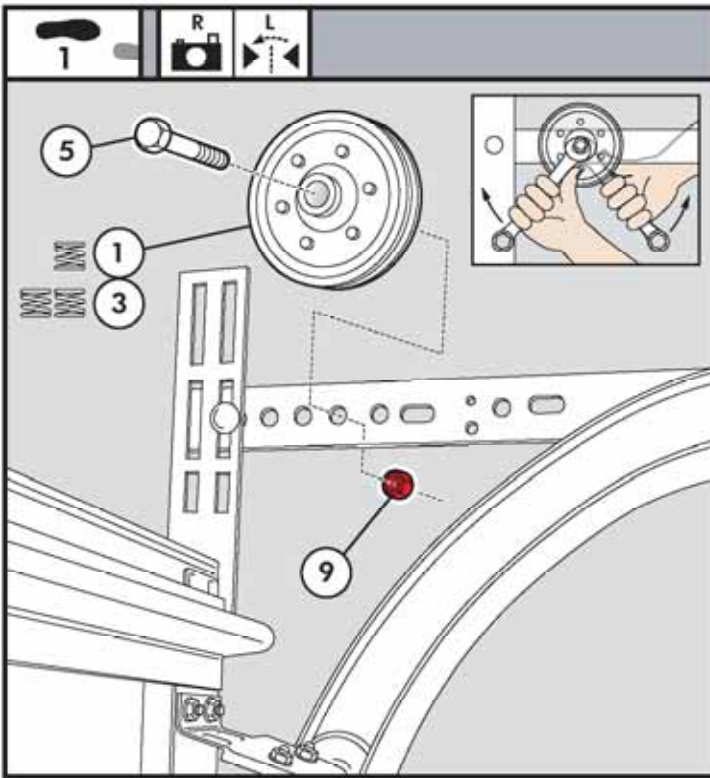


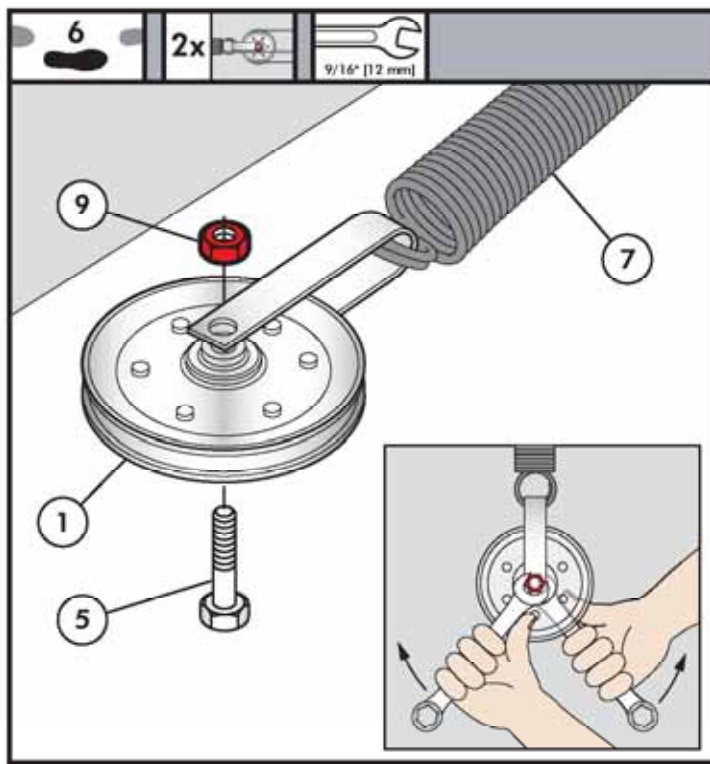
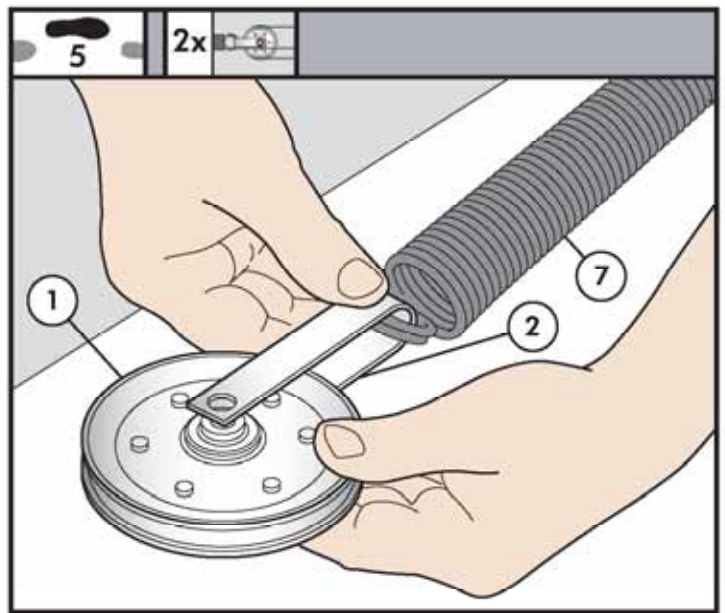
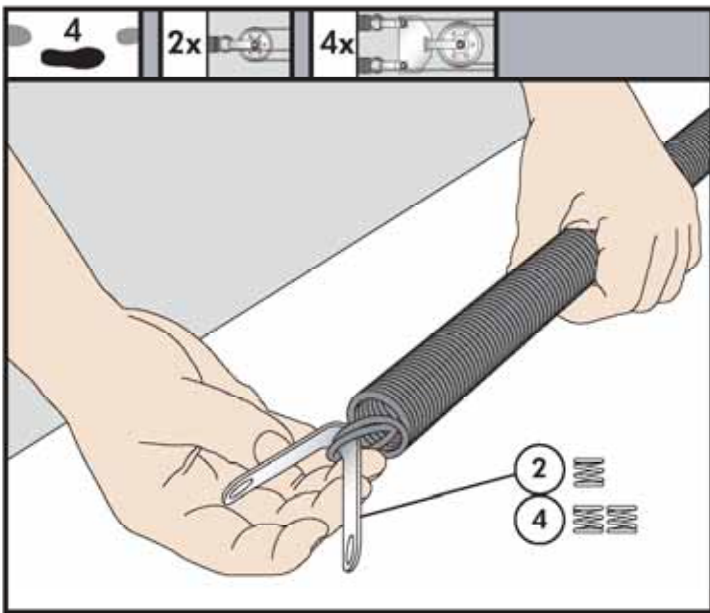


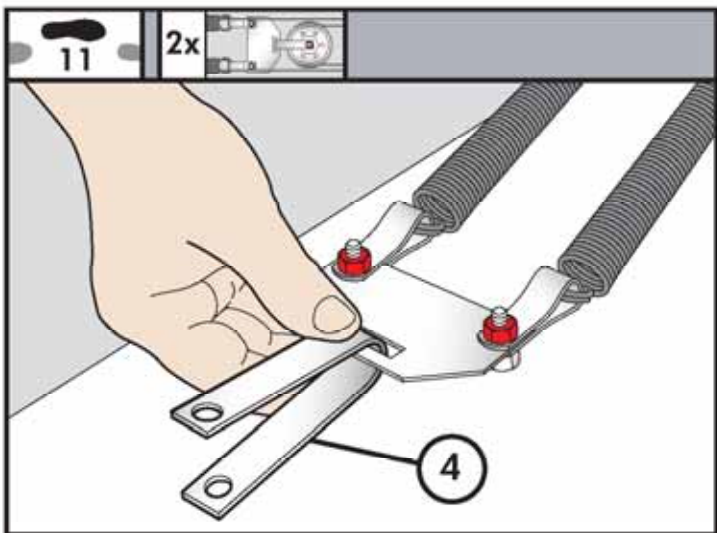
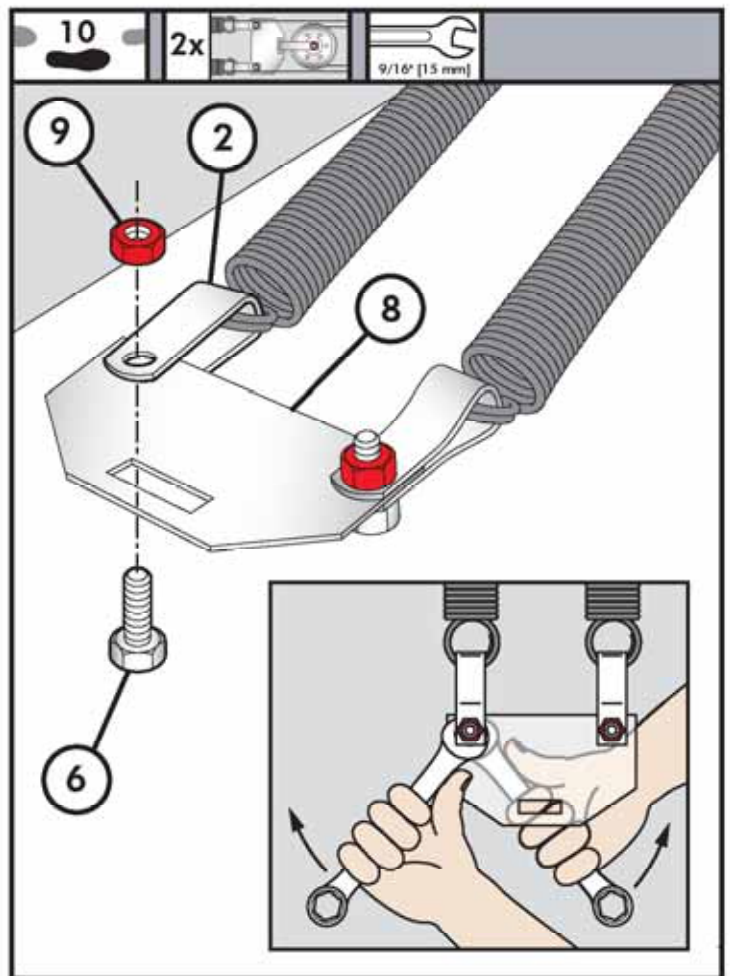
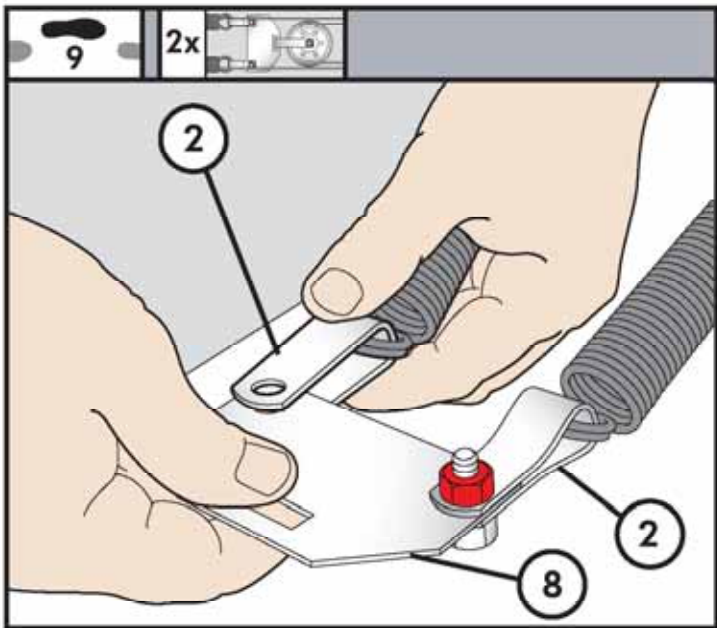
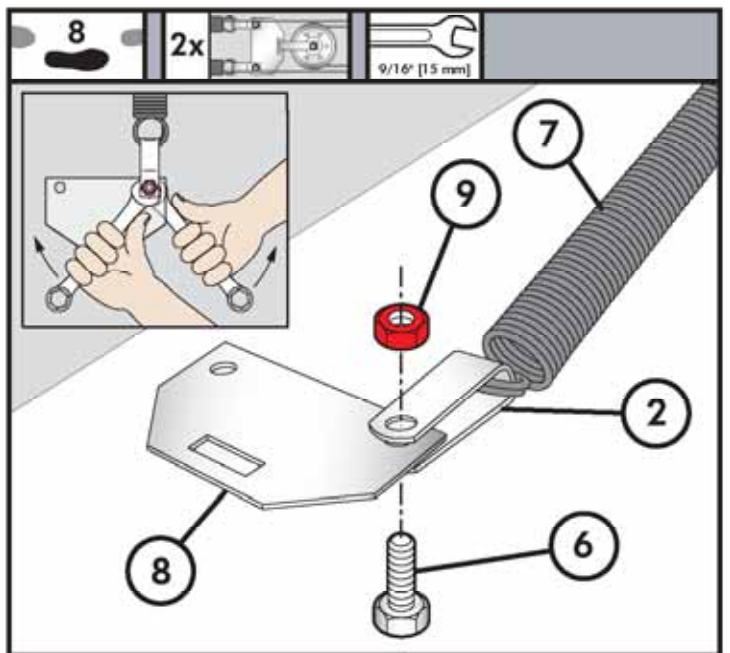
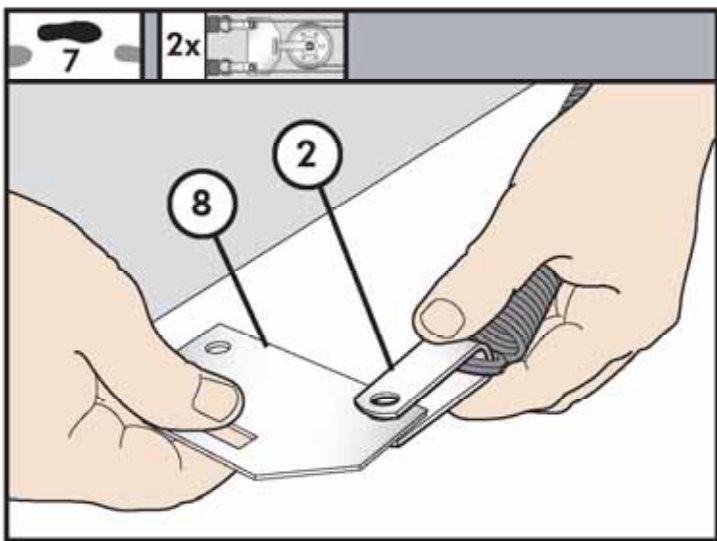


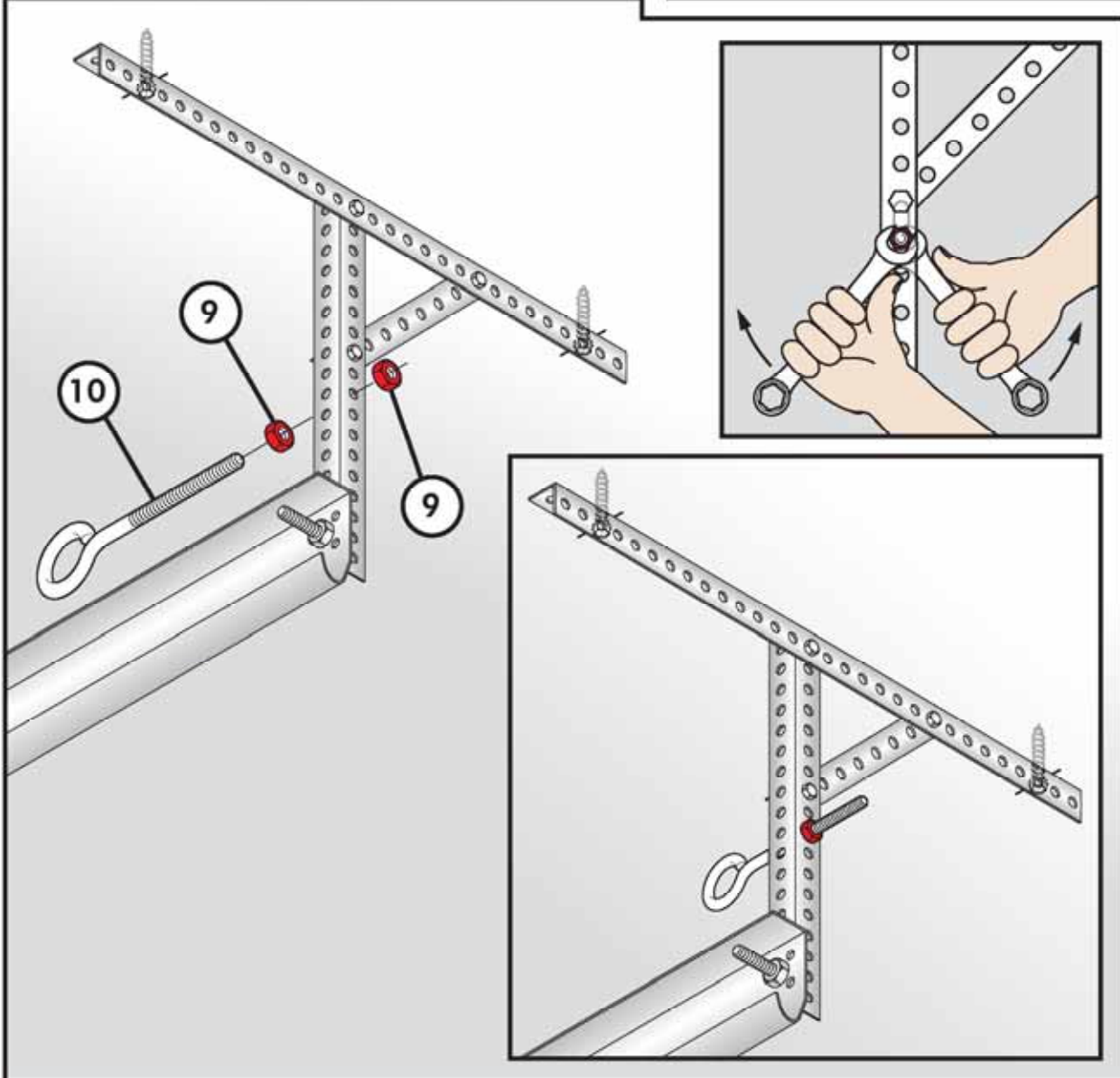
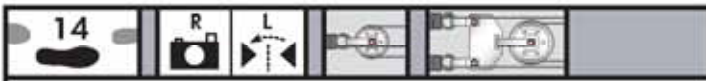
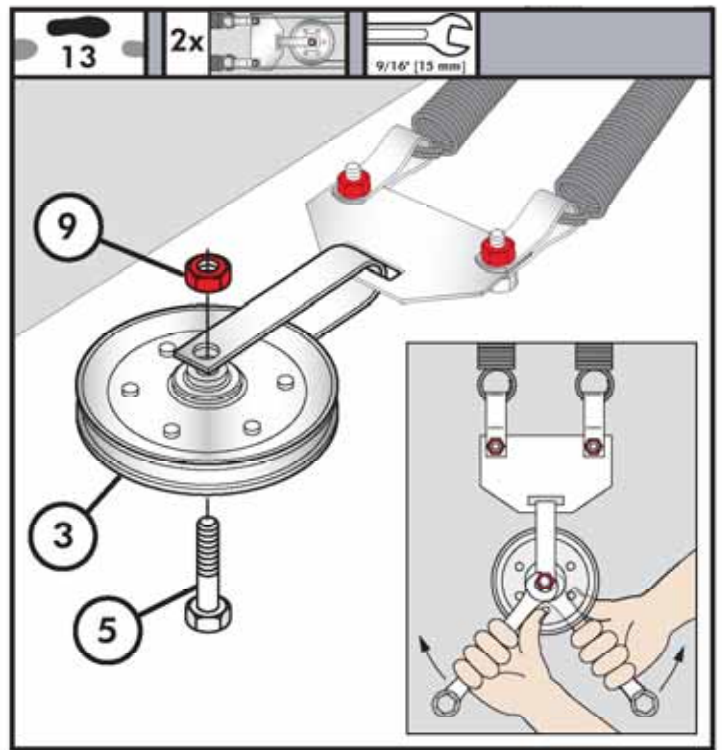
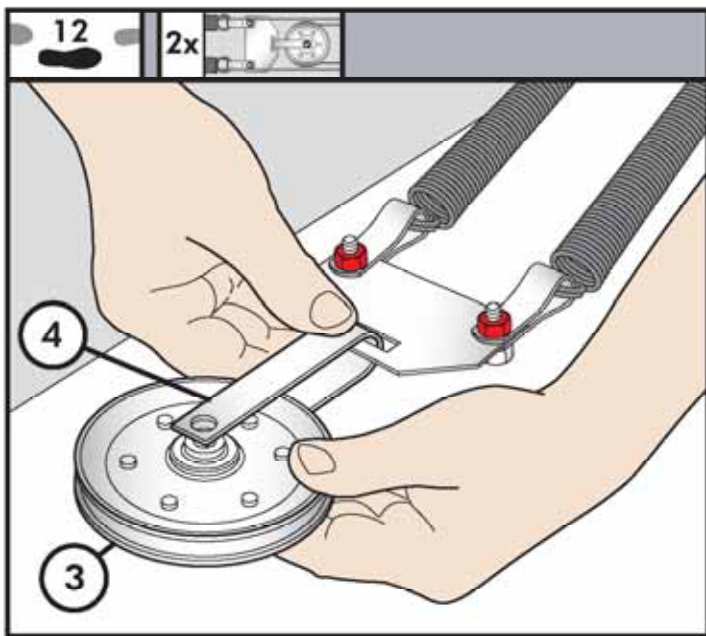




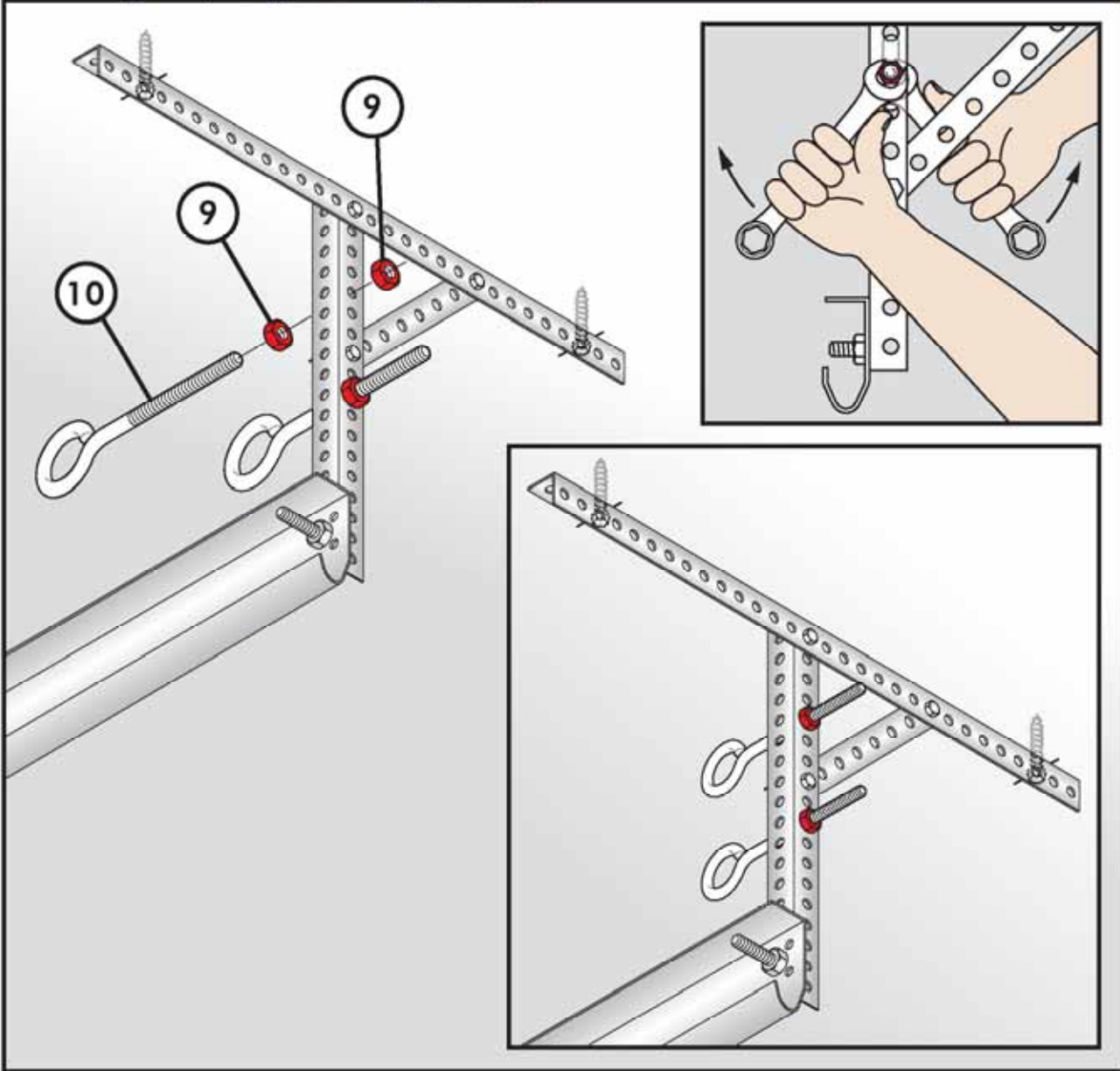


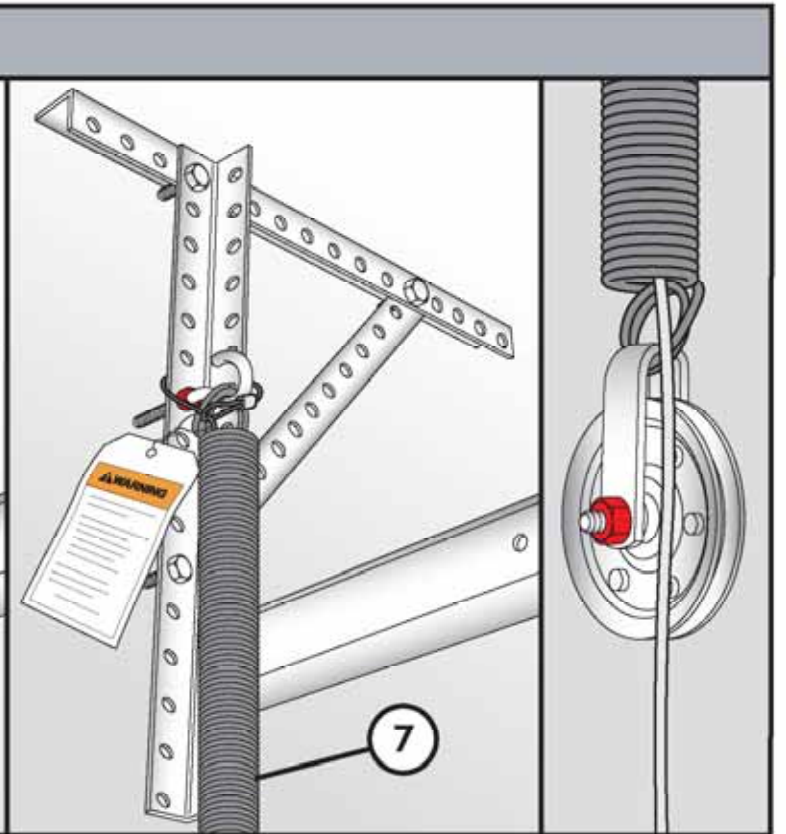
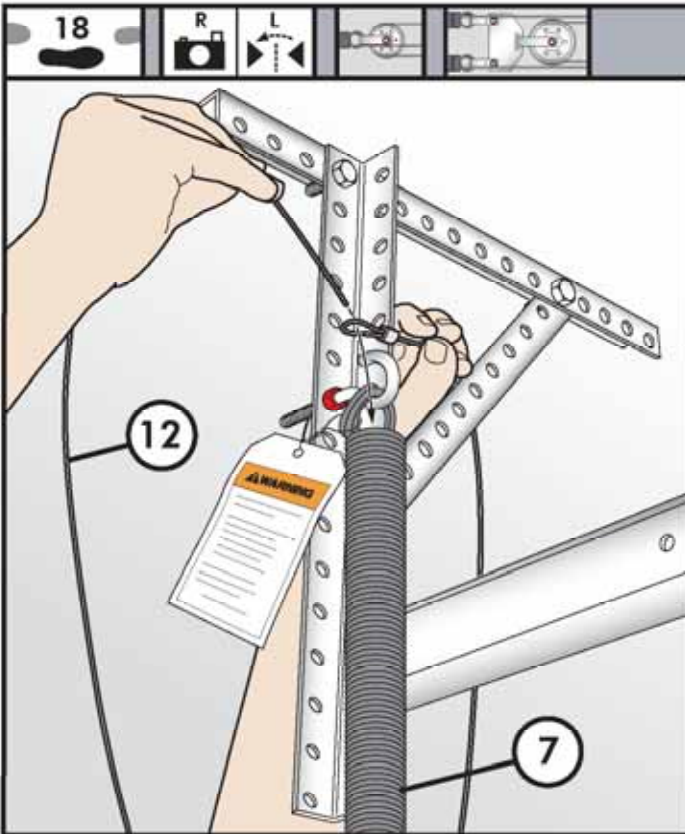
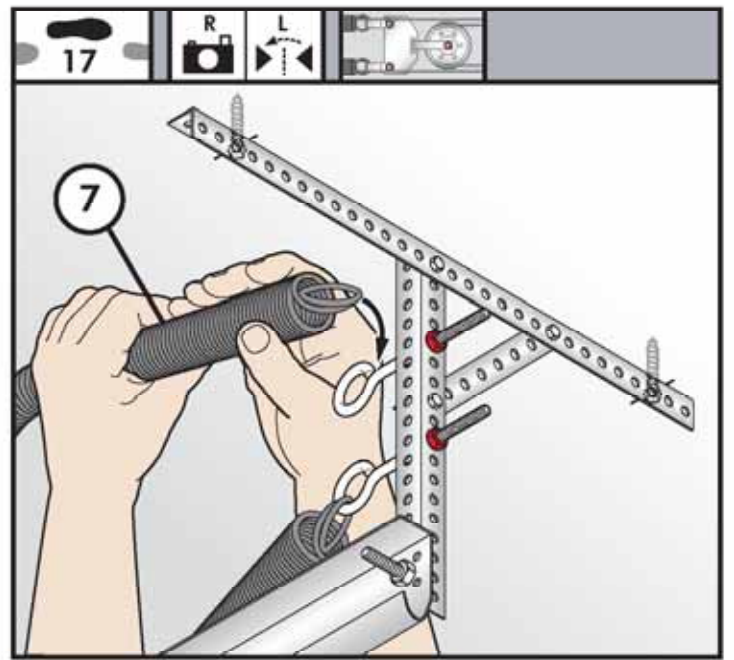
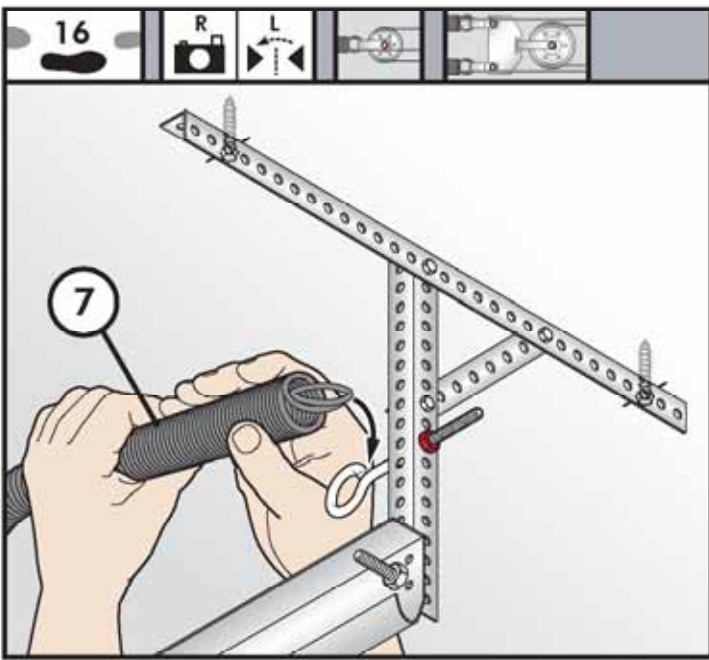


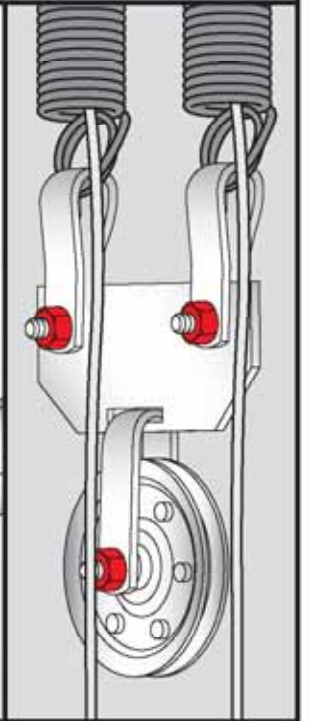
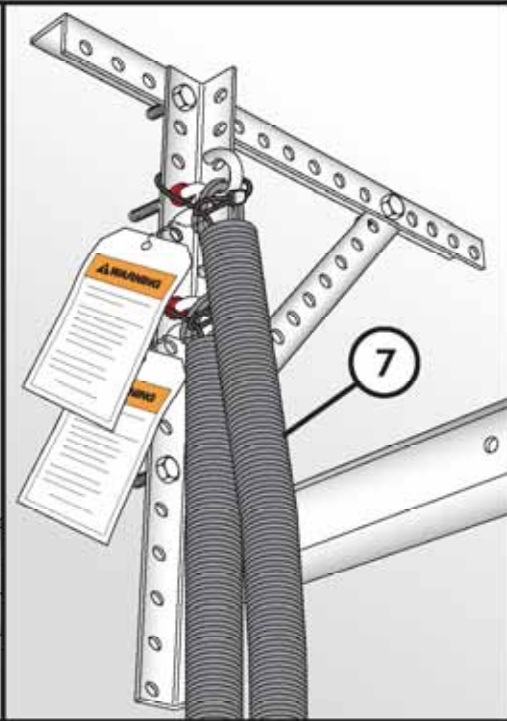
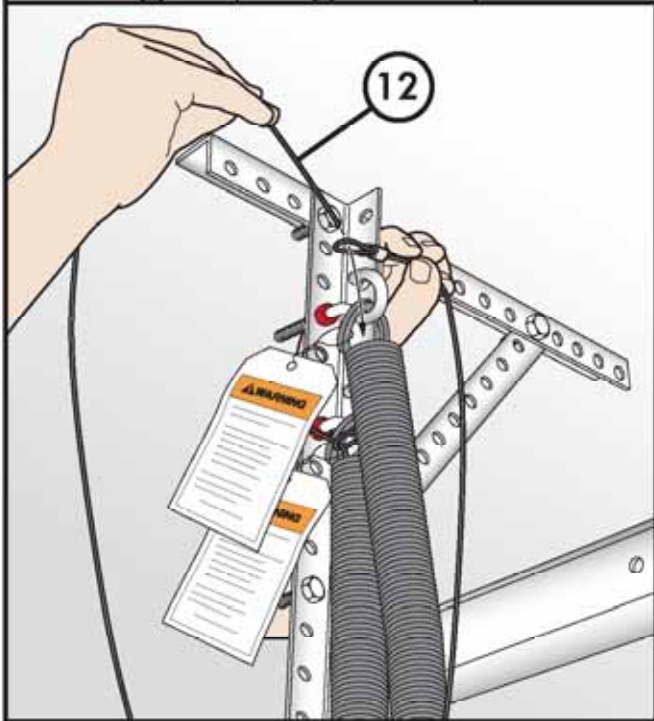


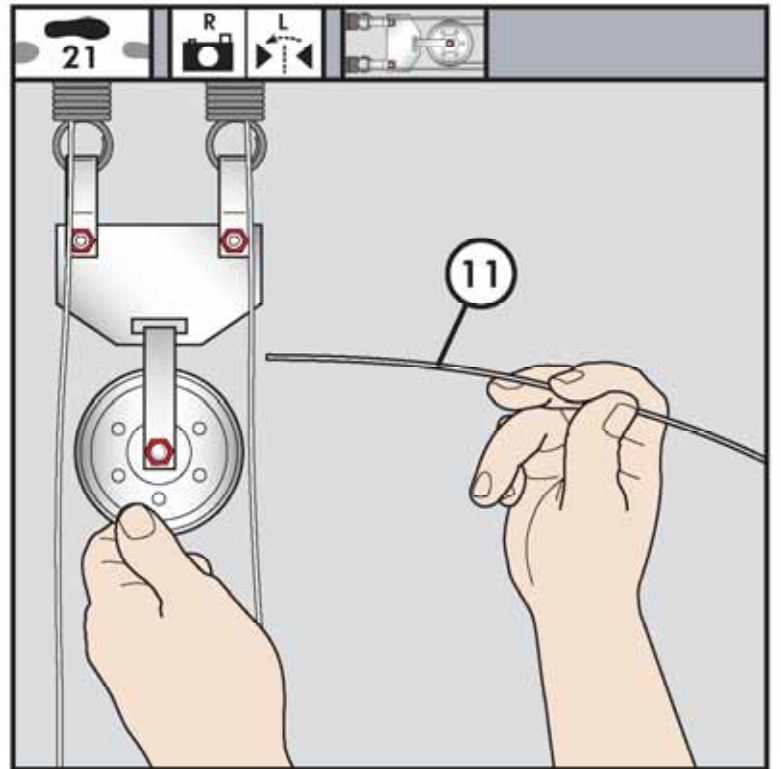
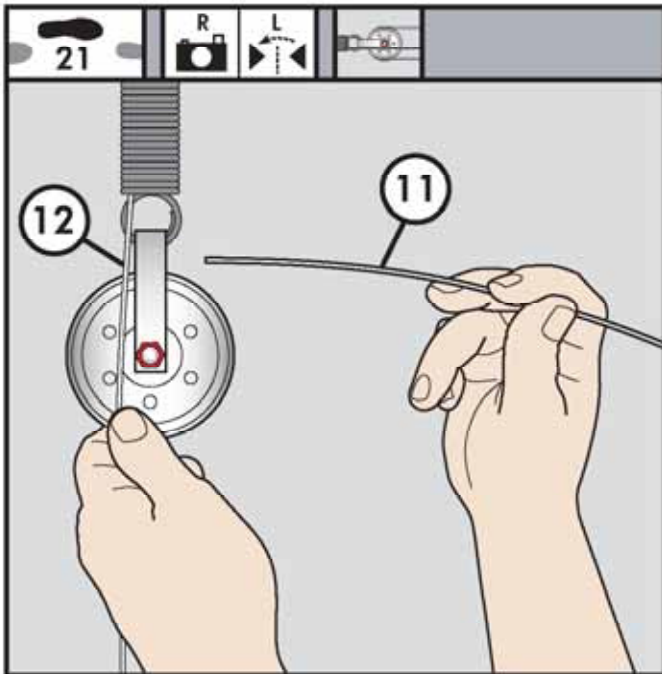
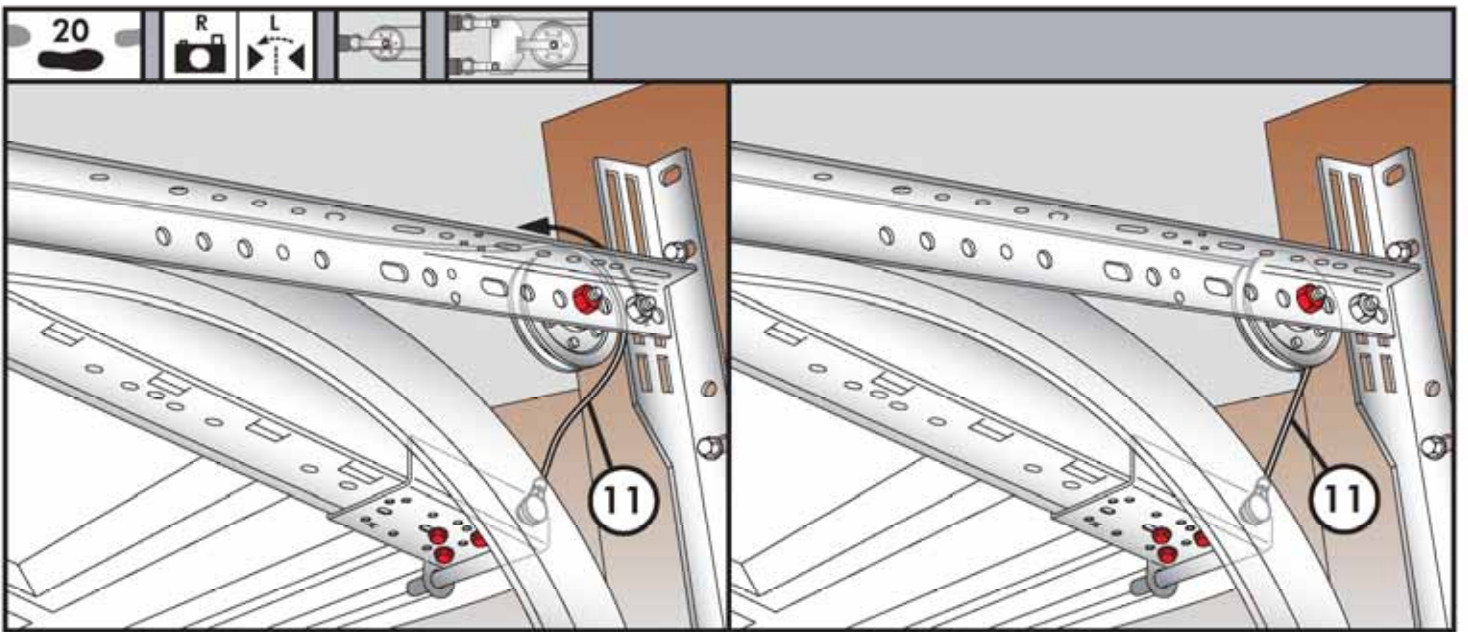


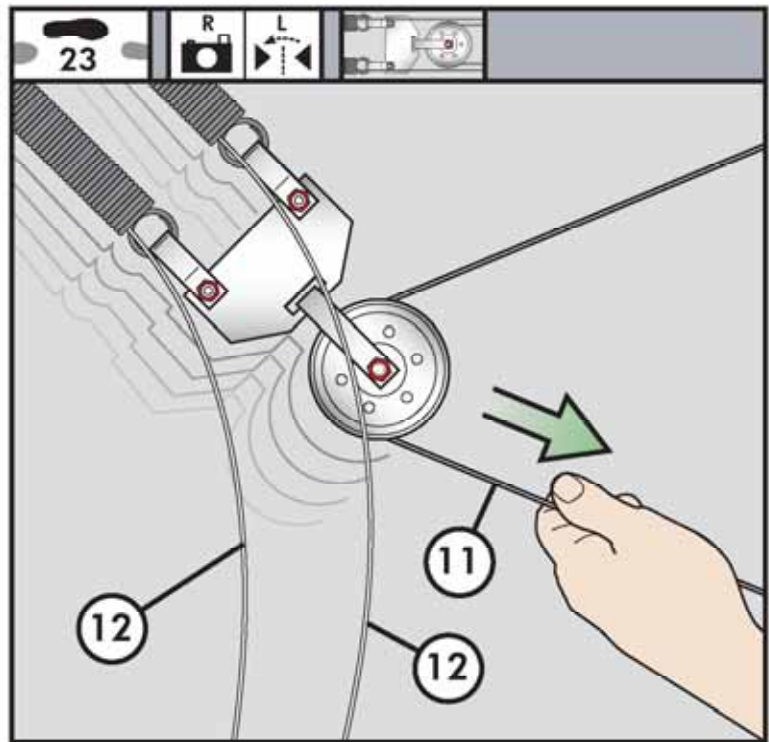
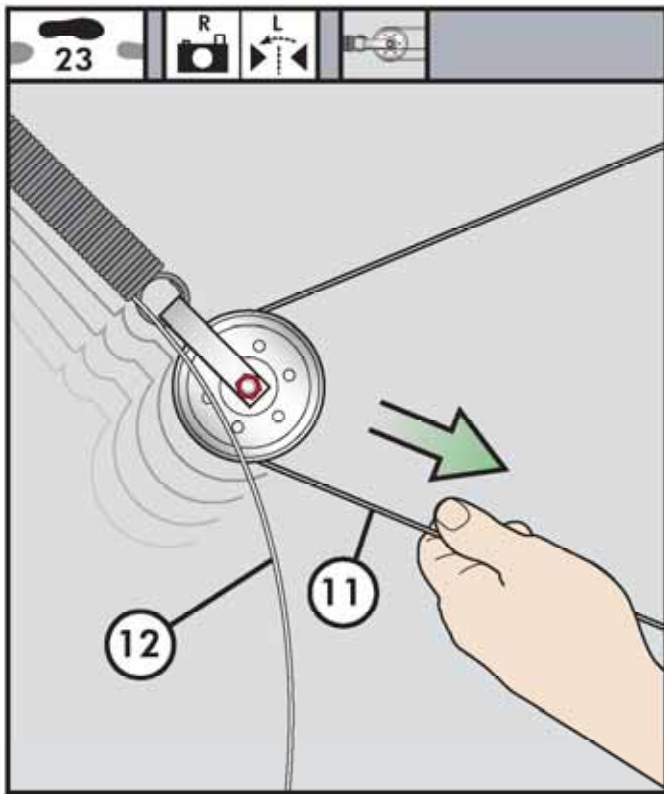
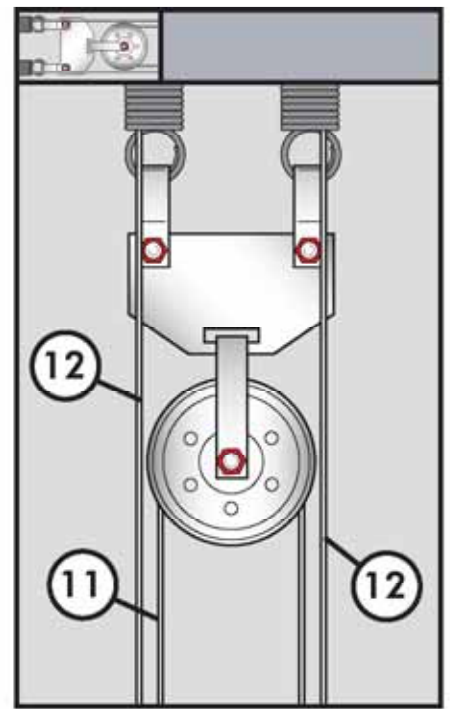
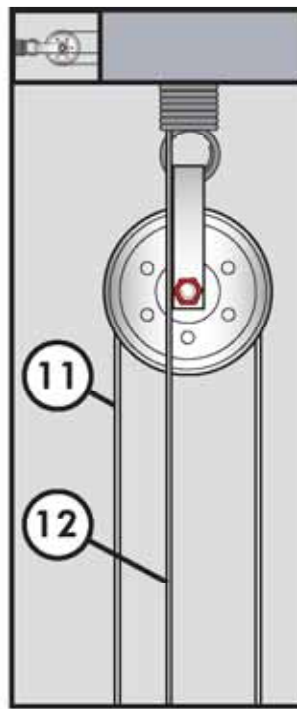
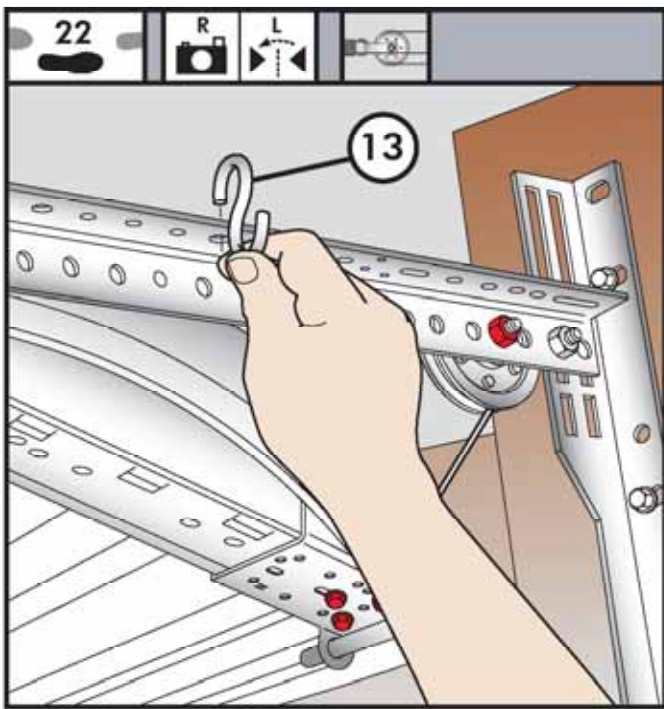


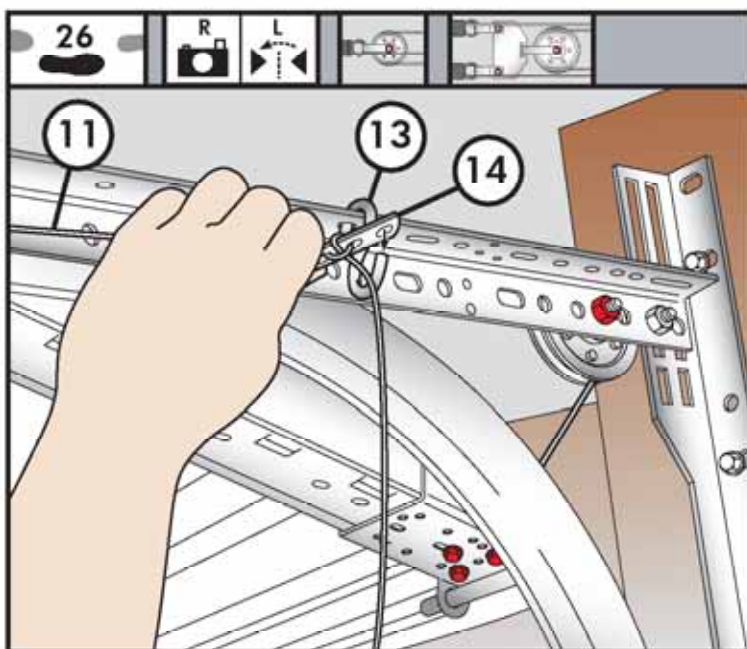
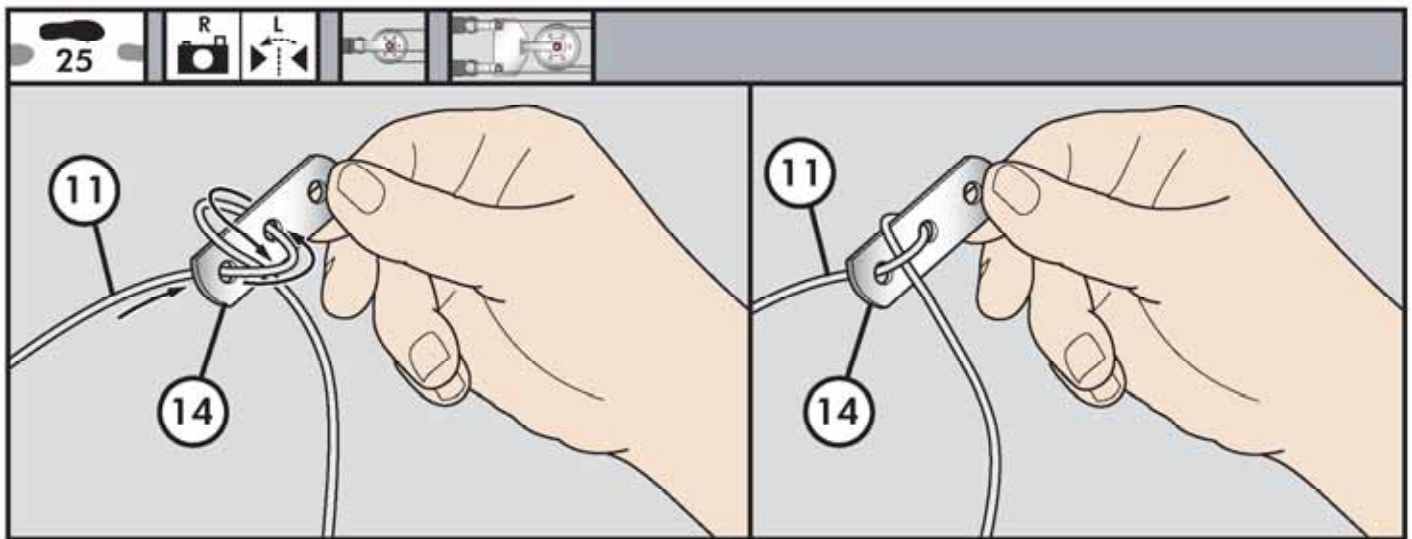
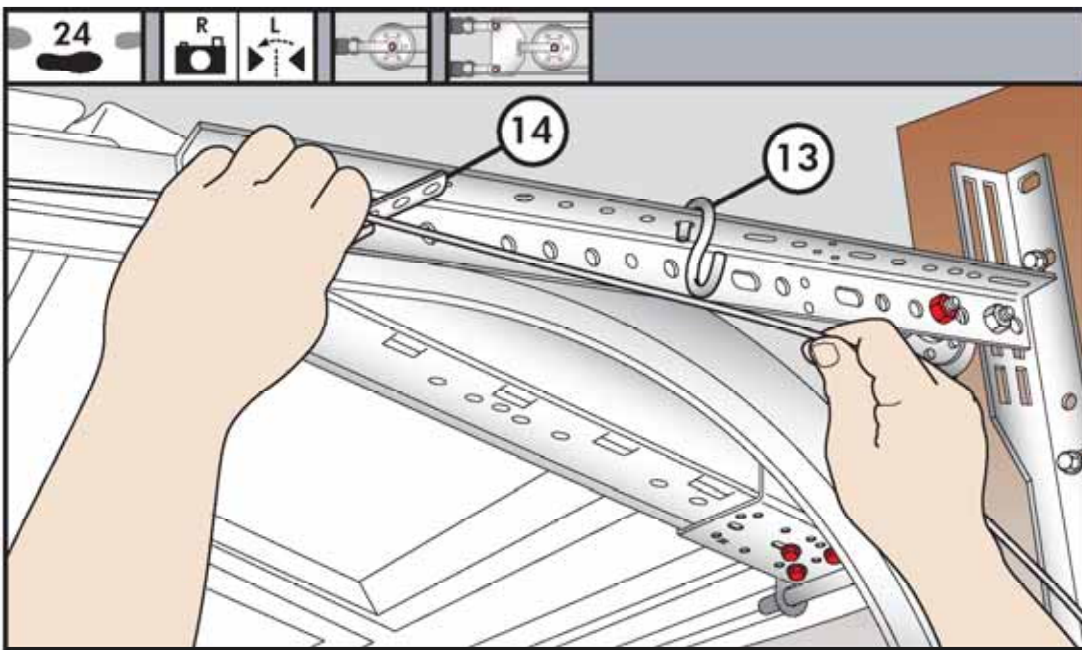


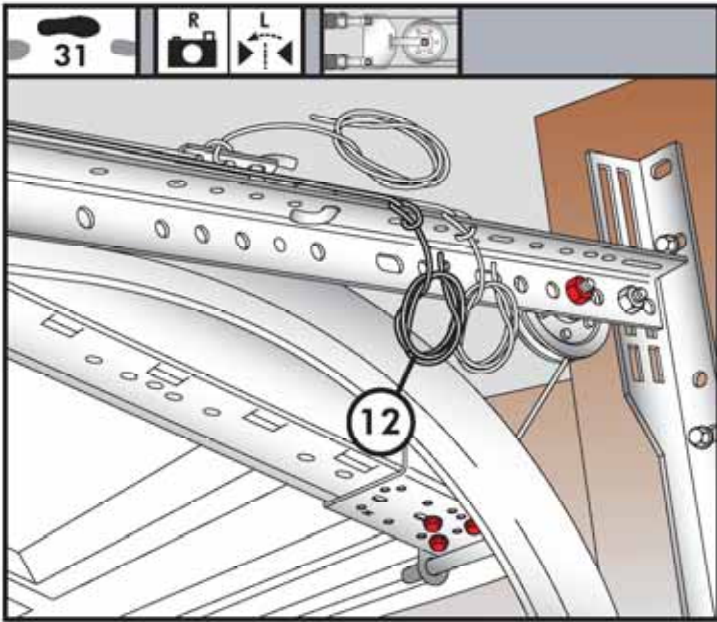
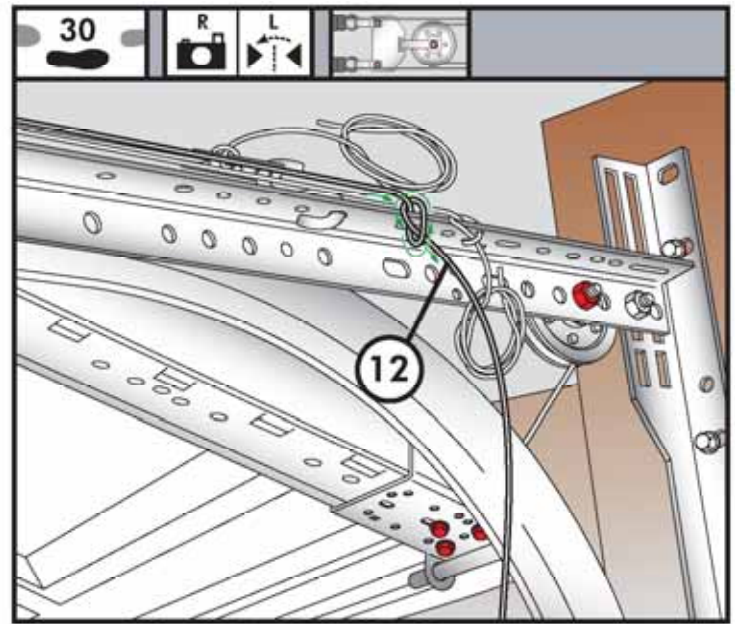
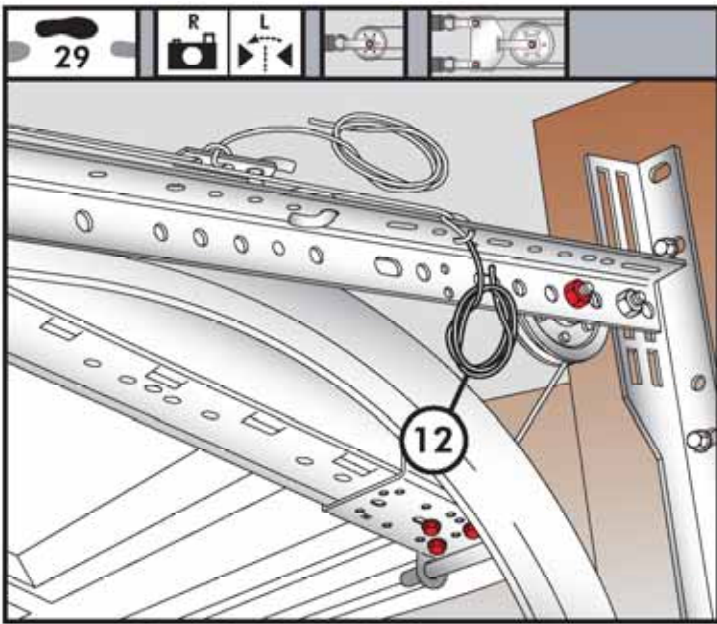
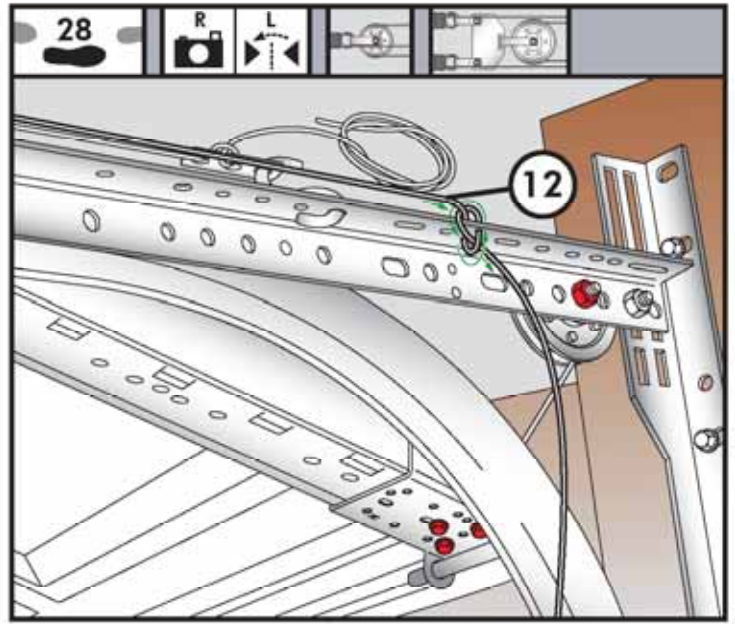
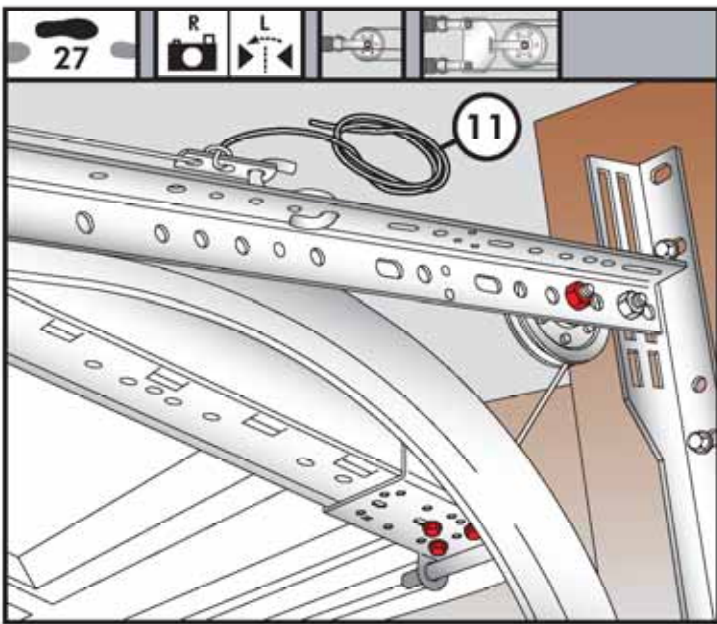


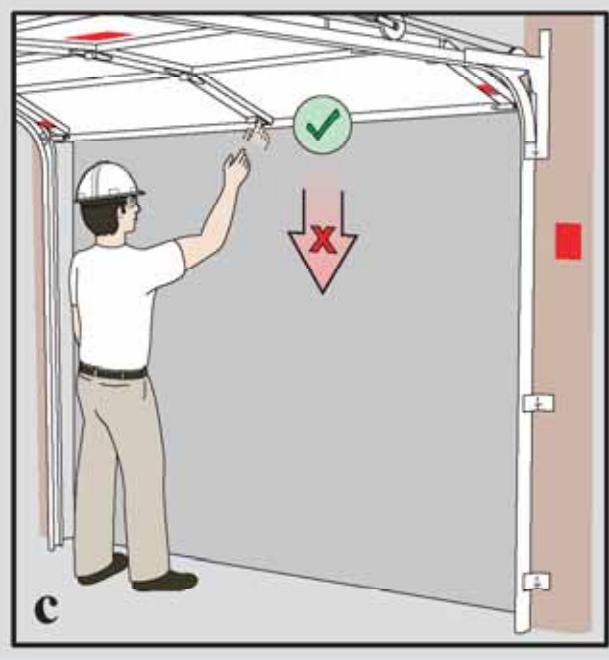
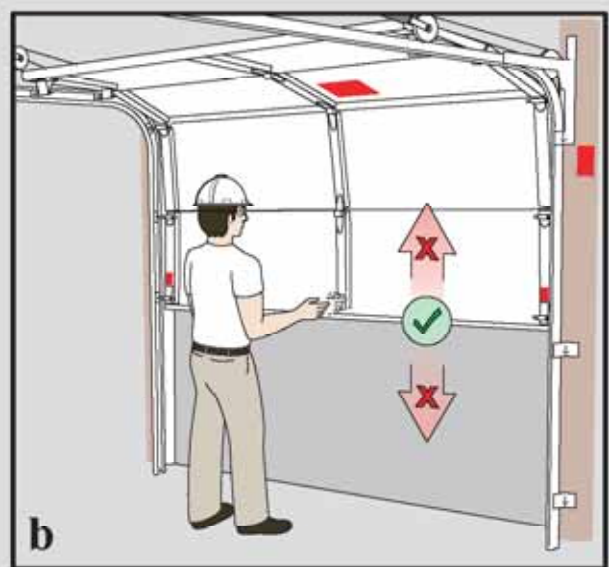
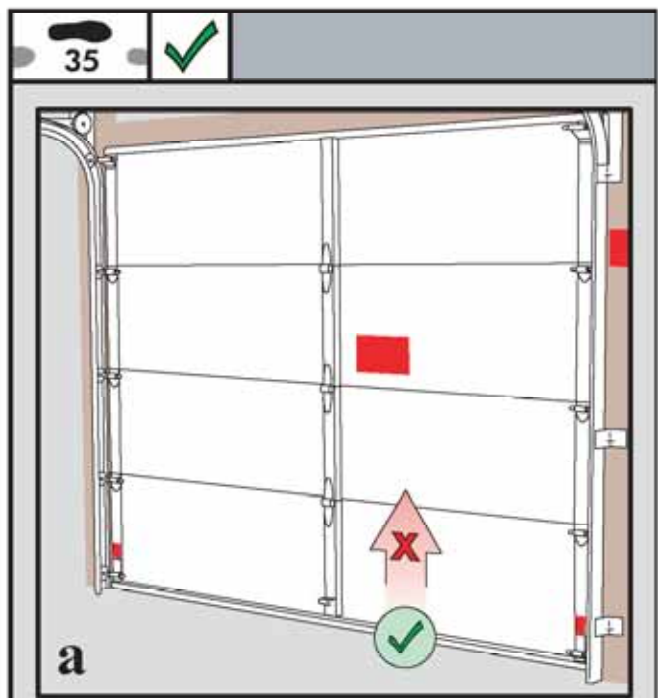
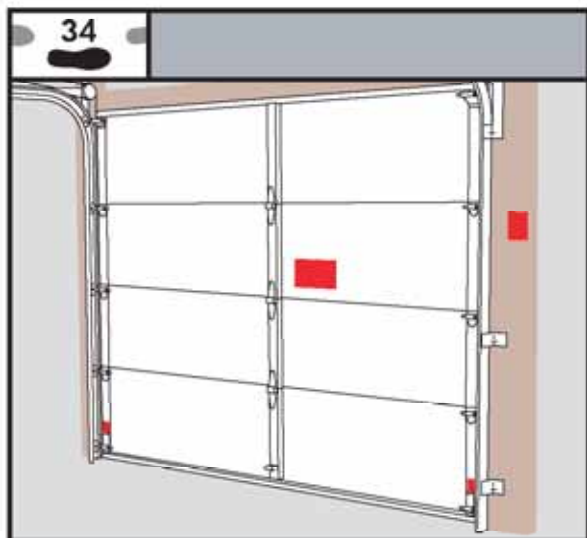






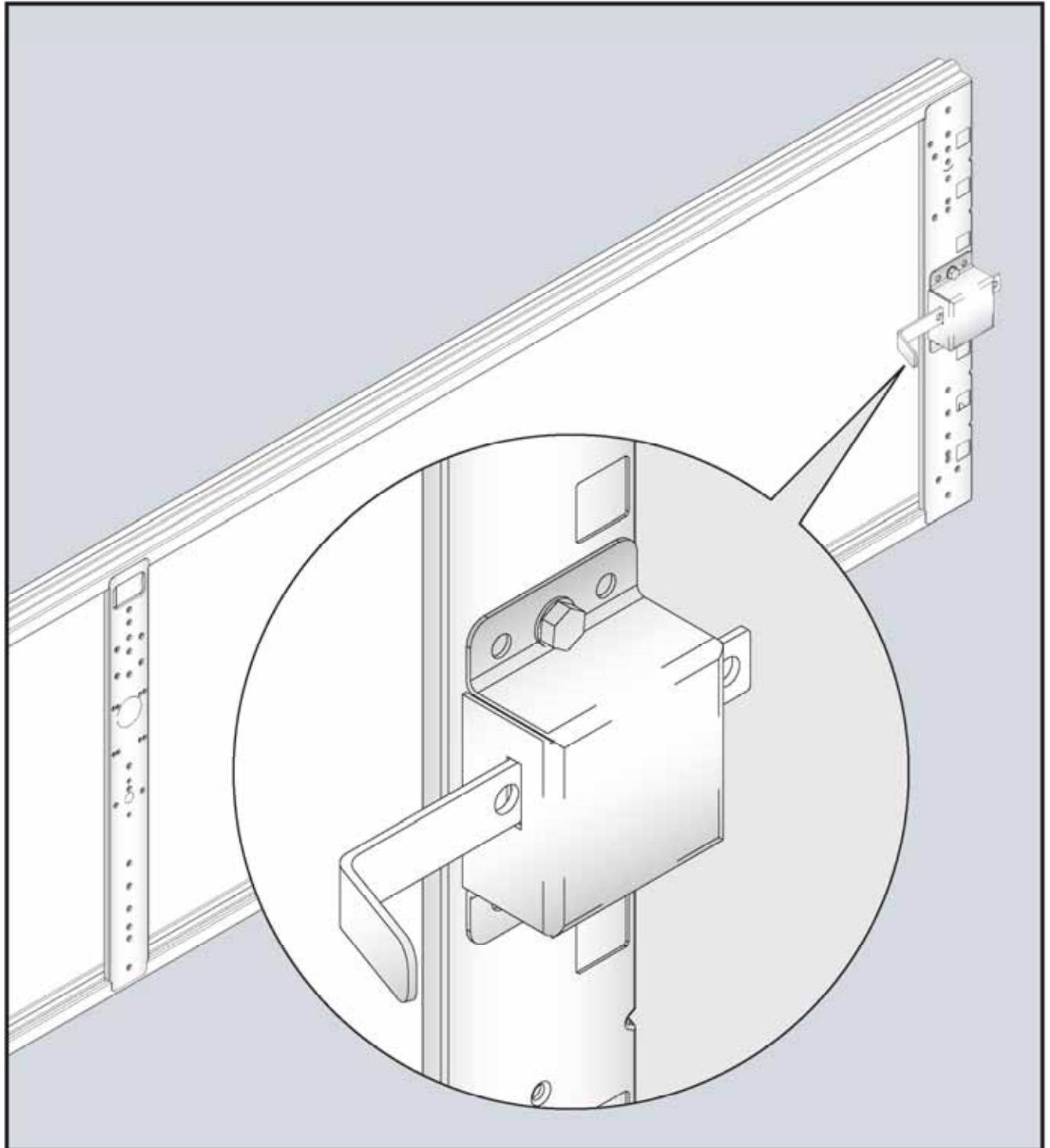








# Slide Locks - Installation Instructions





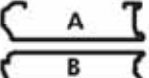

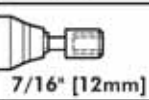



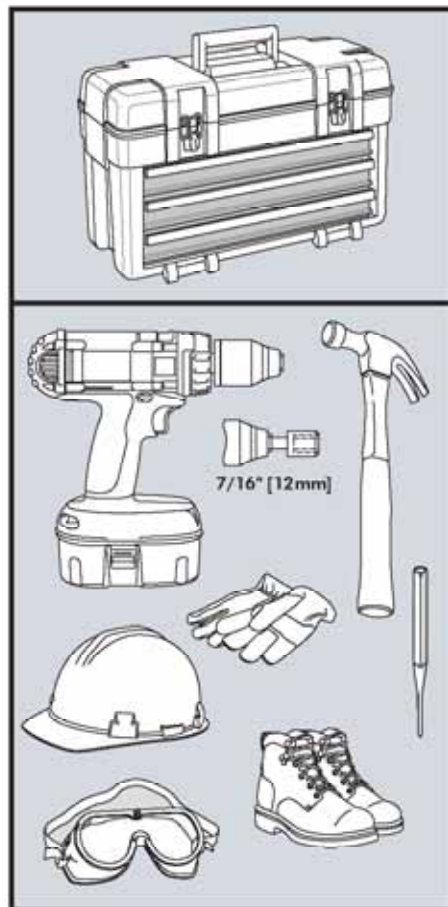
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# ICON GUIDE

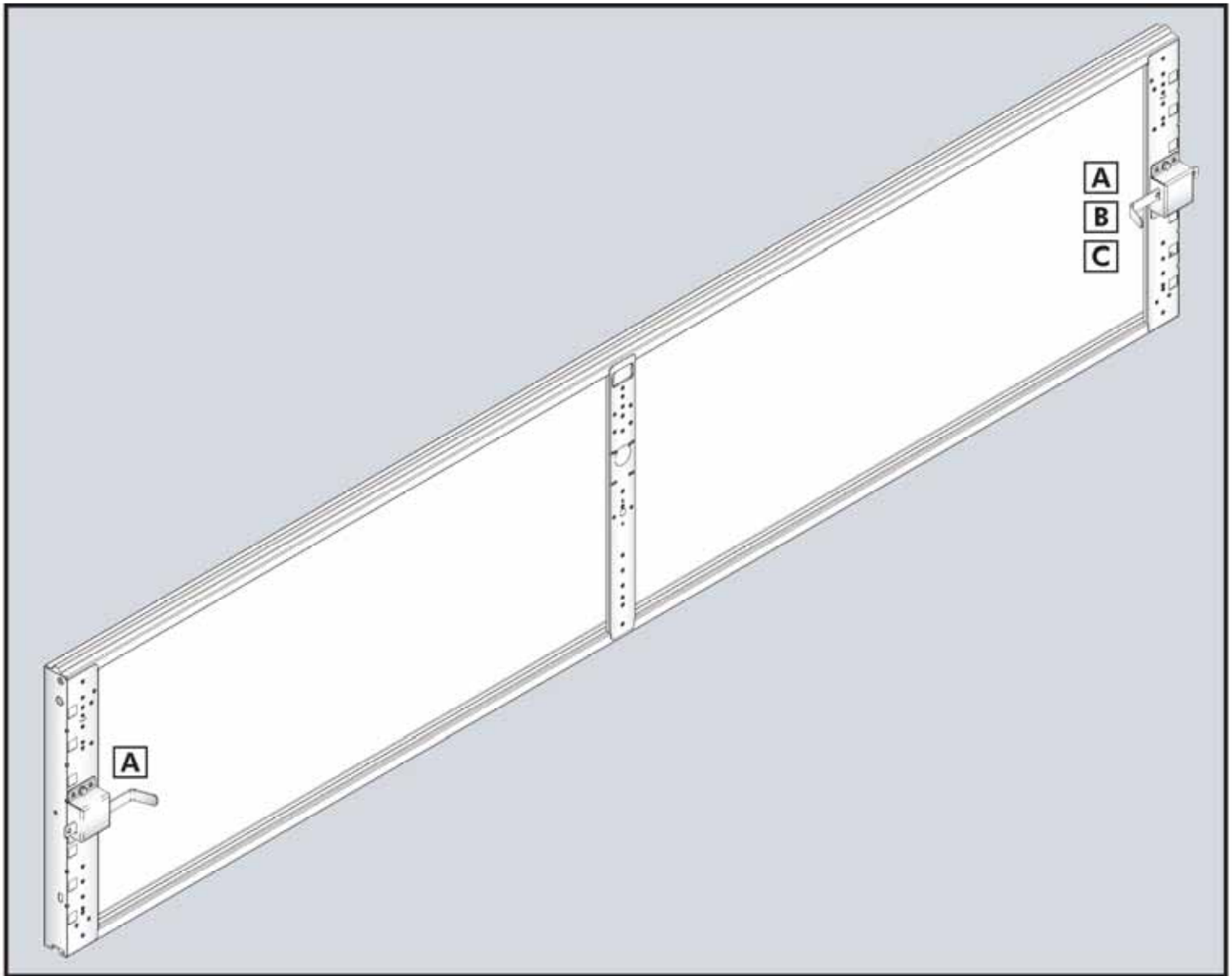
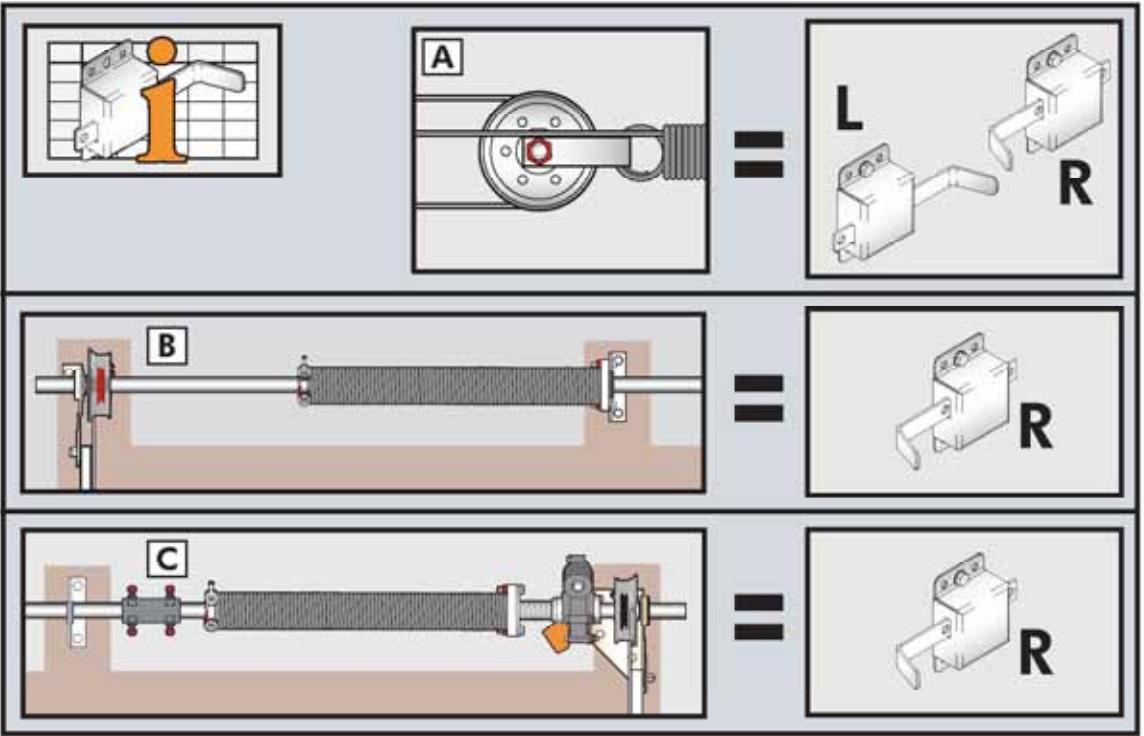
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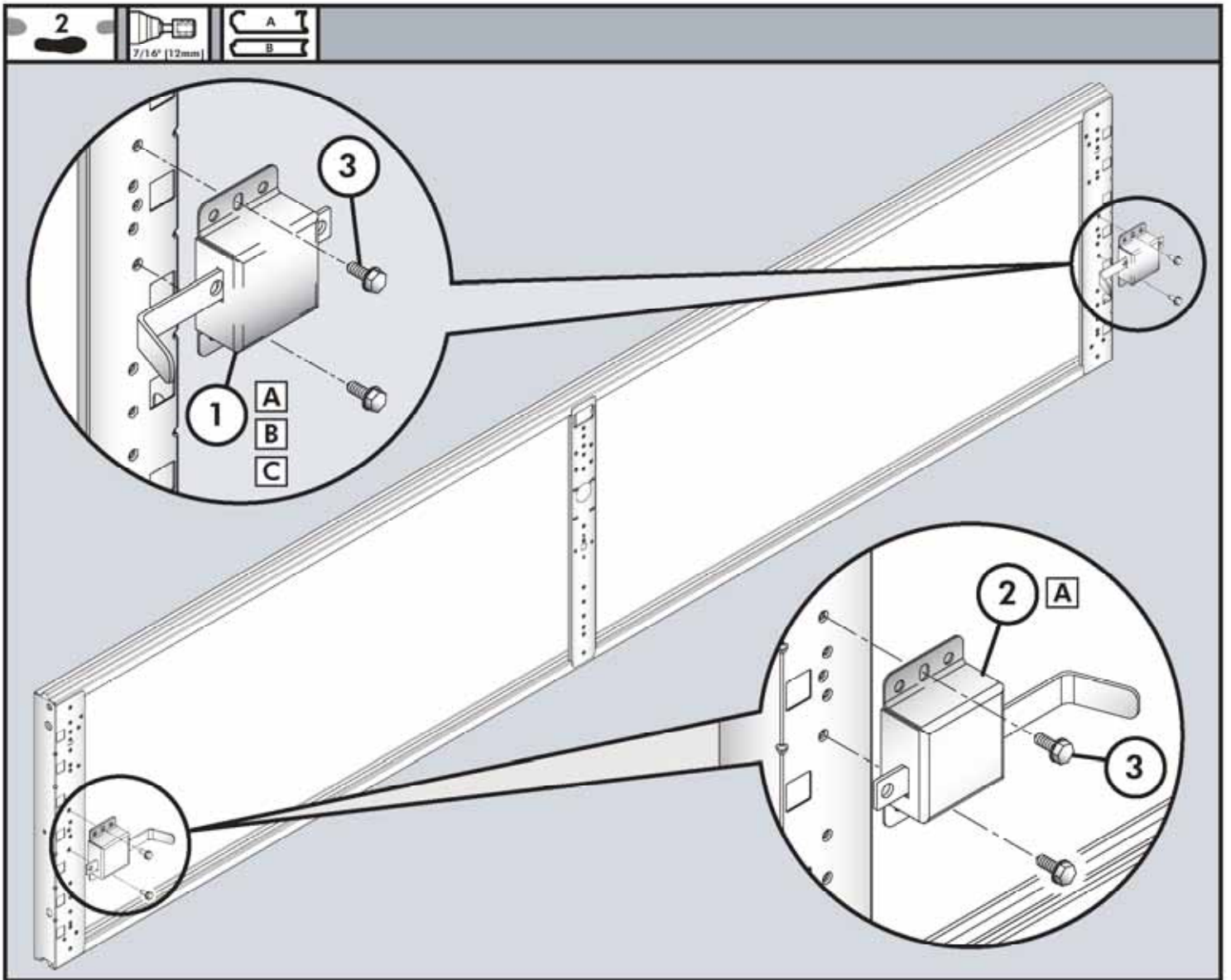
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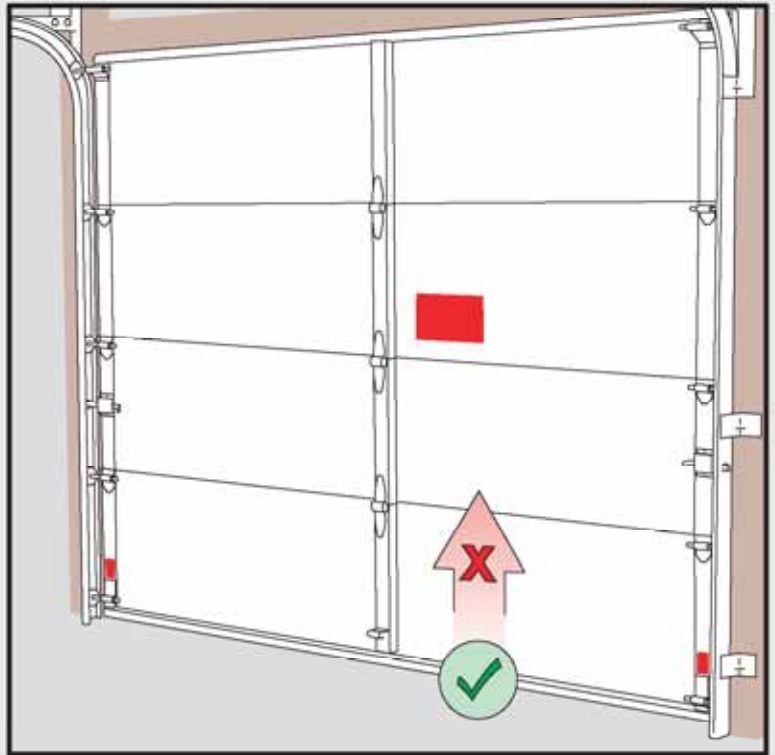
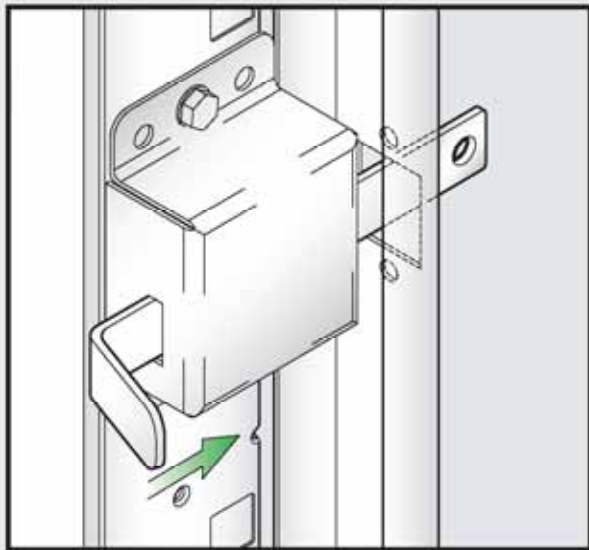
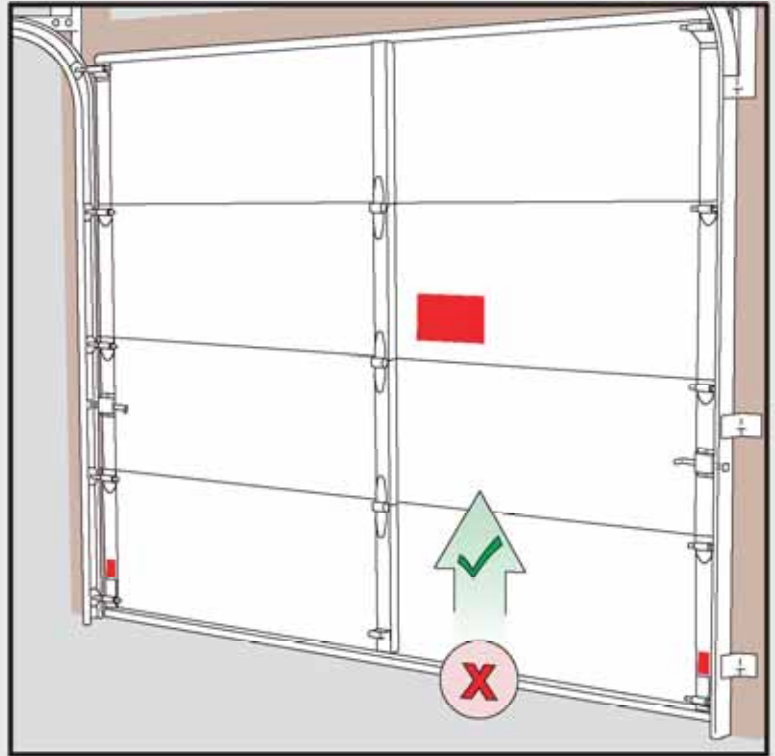
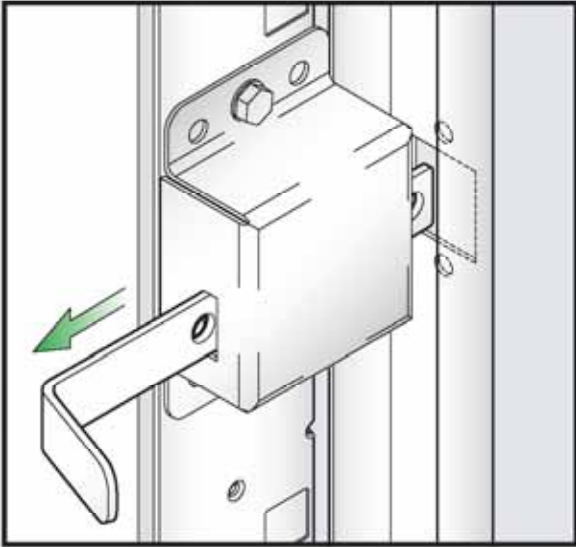
	<p>STEP; ORDER OF INSTRUCTION, APPLIES TO ALL PANELS  <i>EXAMPLE: STEP 3</i></p>
	<p>ORIENTATION OF THE VIEW BELOW  <i>EXAMPLE: VIEW OF THE RIGHT SIDE OF THE ASSEMBLY</i></p>
	<p>MIRROR IMAGE OF VIEW BELOW  <i>EXAMPLE: MIRROR IMAGE OF VIEW IS LEFT SIDE OF ASSEMBLY</i></p>
	<p>ITEM NUMBER  <i>EXAMPLE: ITEM NUMBER 5</i></p>
	<p>THIS STEP APPLIES TO ALL PANELS</p>
	<p>APPLIES TO THIS ITEM, CHECK STEP or PASSES TEST</p>
<p><b>R</b></p>	<p>RIGHT HAND SIDE</p>
<p><b>L</b></p>	<p>LEFT HAND SIDE</p>
	<p>SOCKET WRENCH SIZE <i>EX: 7/16\"</i></p>
	<p>INQUIRE TO DETERMINE IF APPLICATION REQUIRES ONE SLIDE LOCK (RH ONLY) OR TWO (RH &amp; LH)</p>



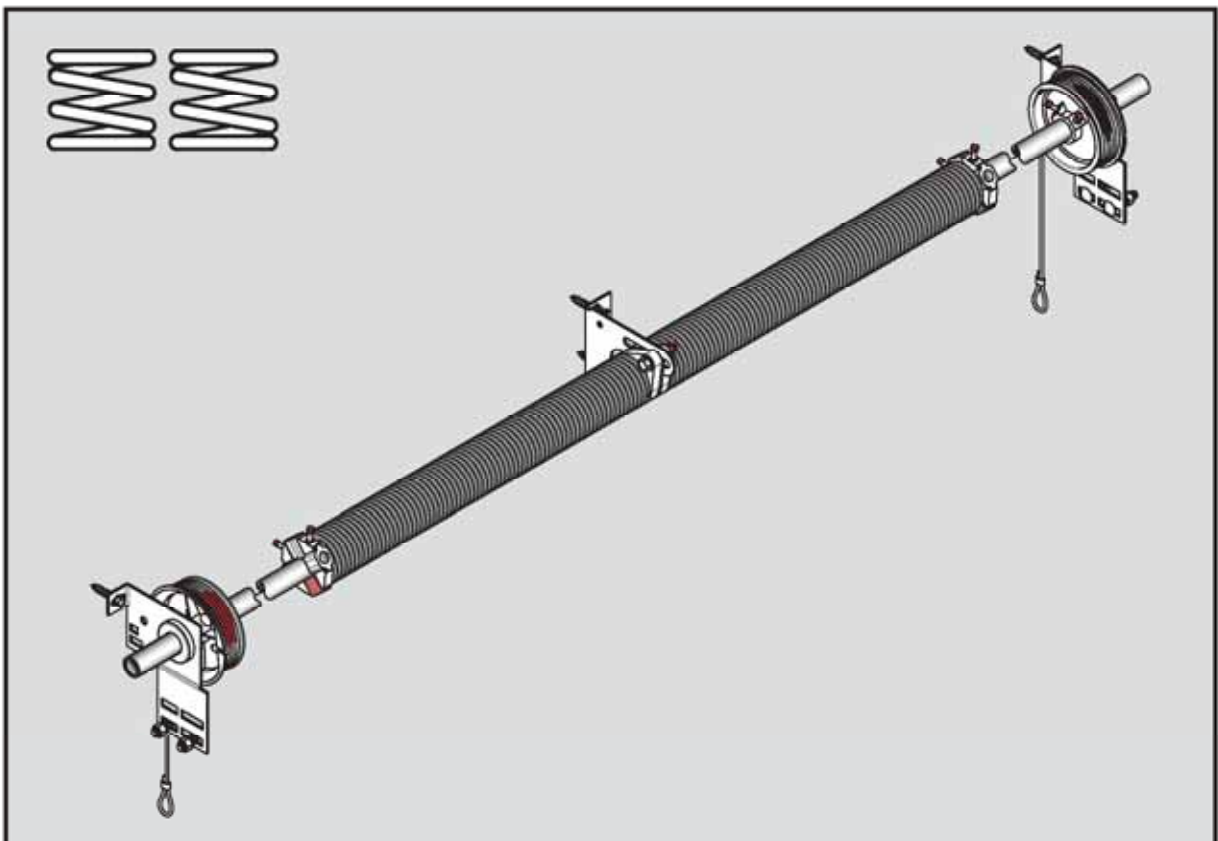
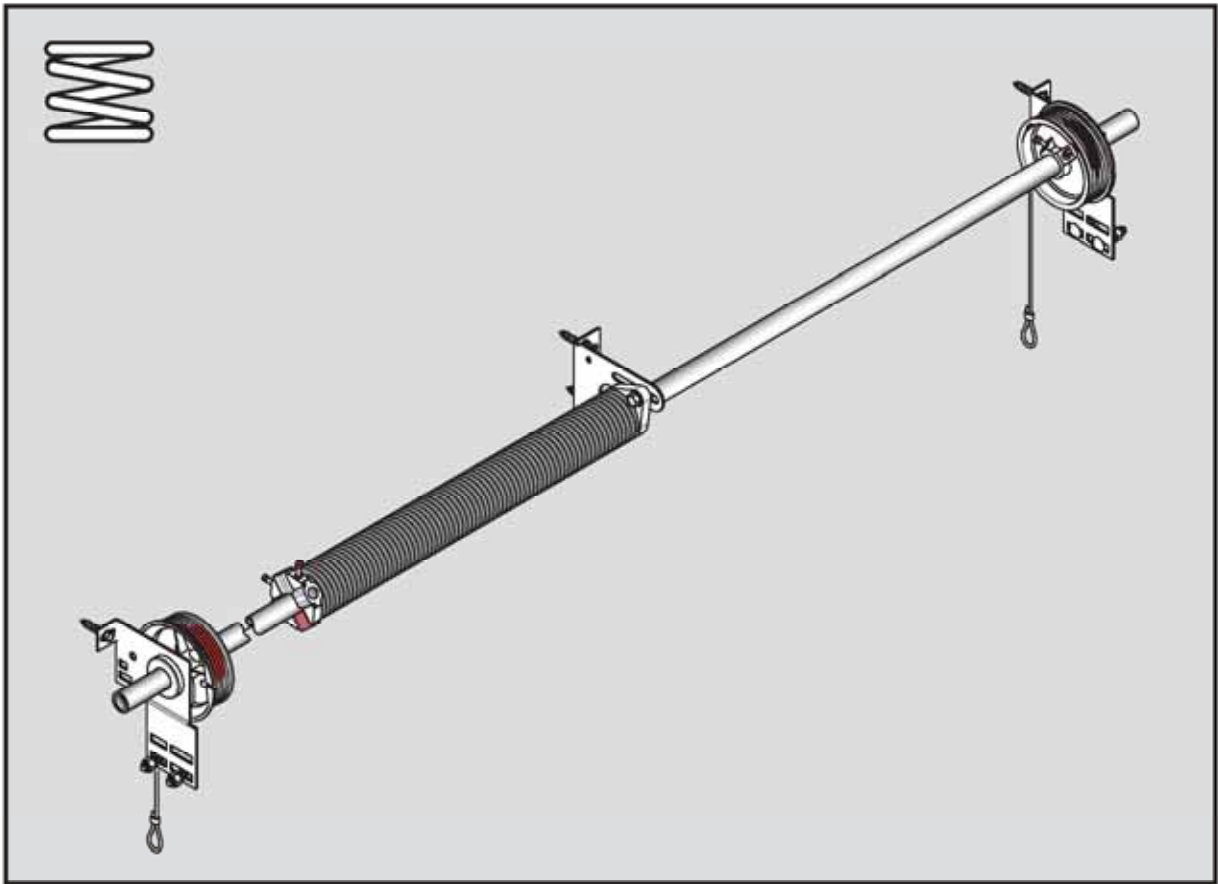
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| 3 |  |







# Torsion Spring Installation Instructions
















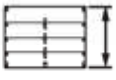


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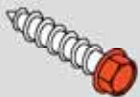








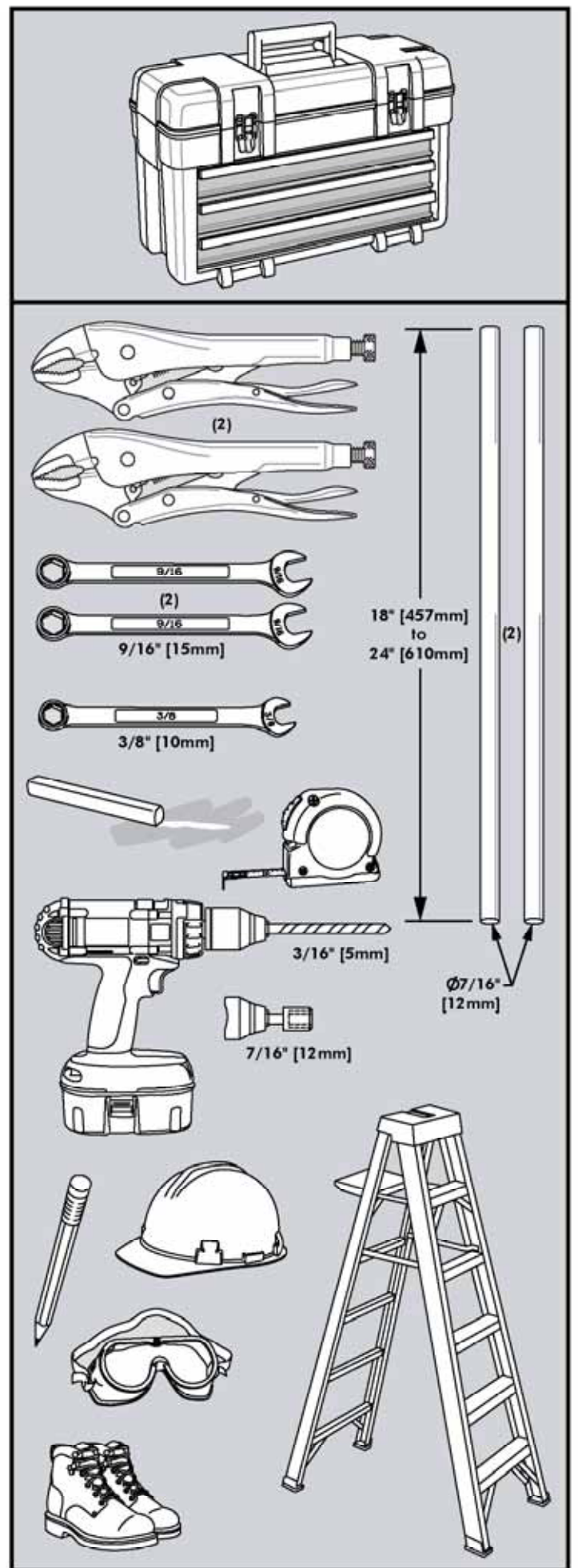
# ICON GUIDE

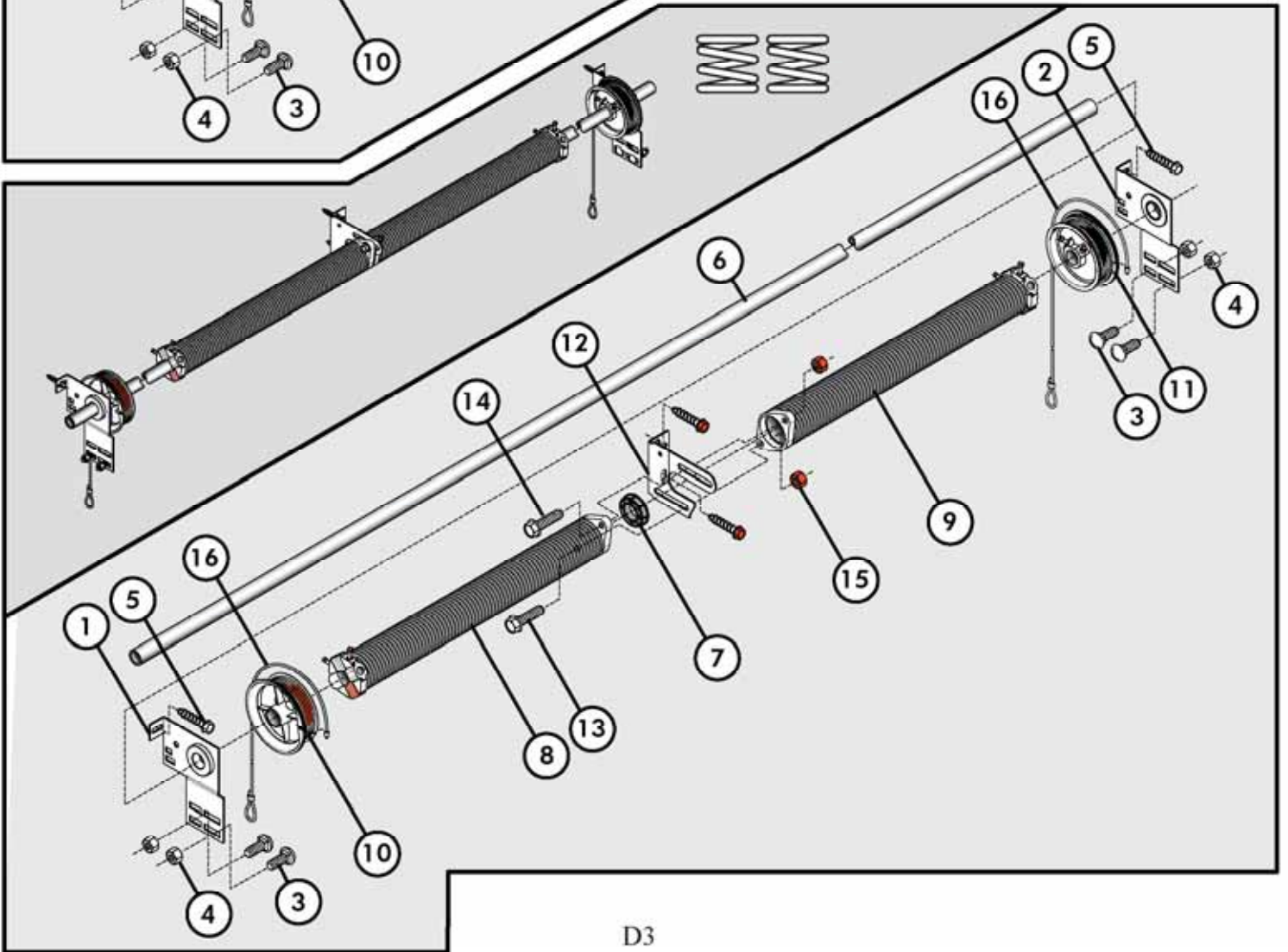
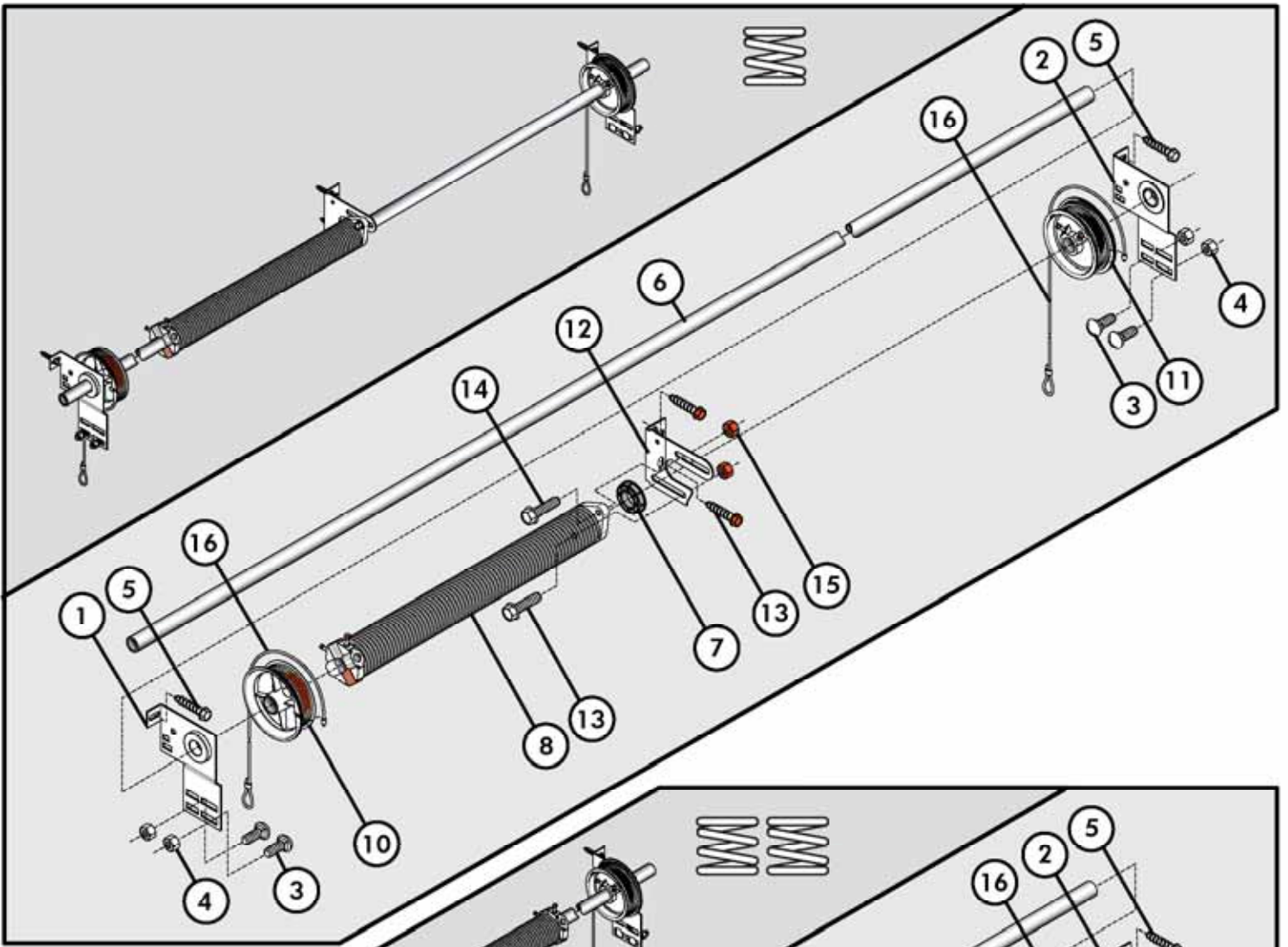
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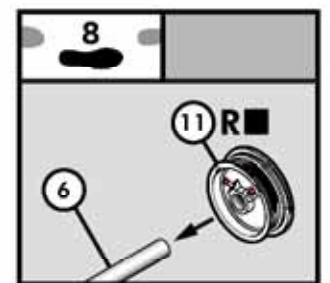
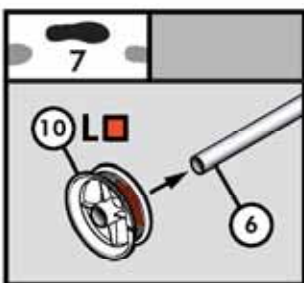
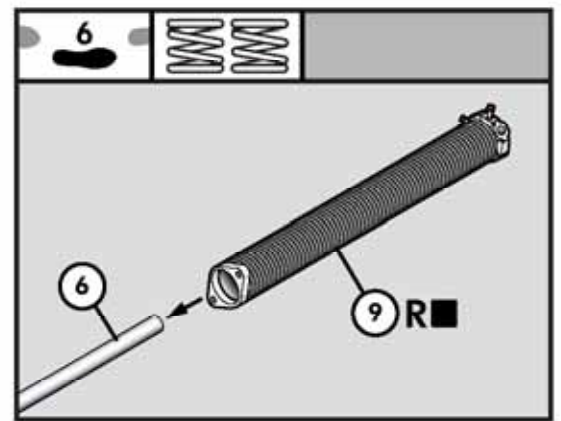
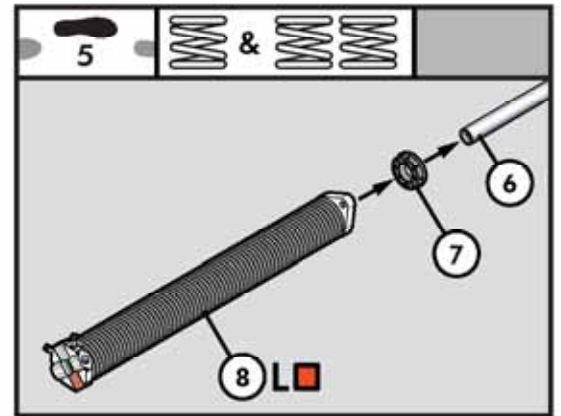
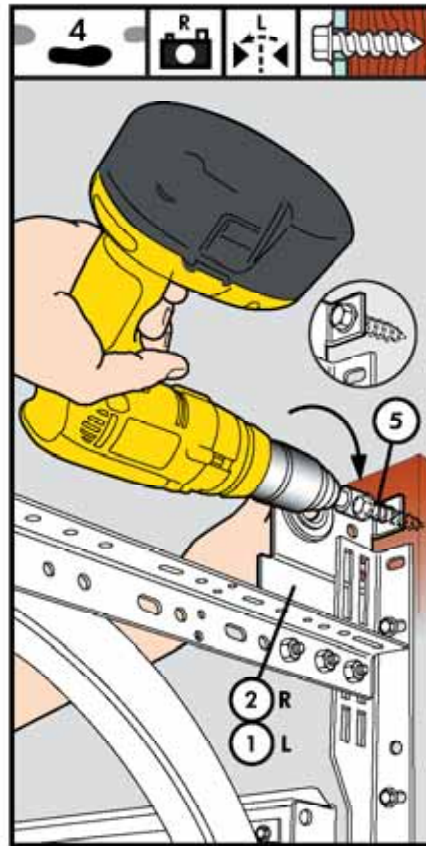
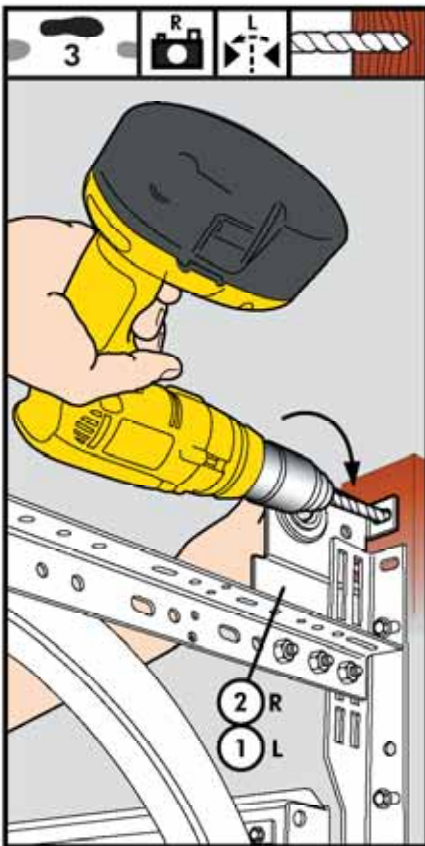
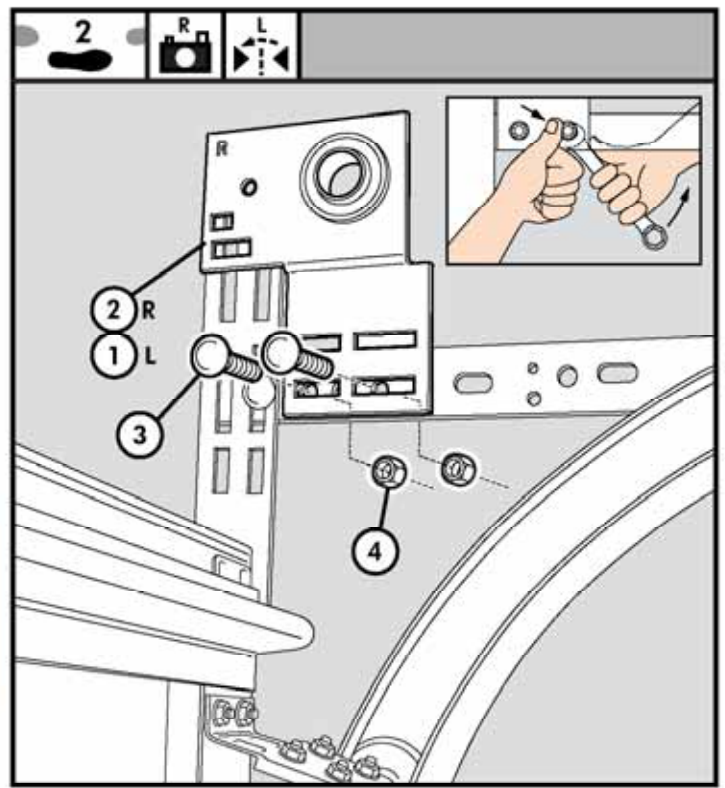
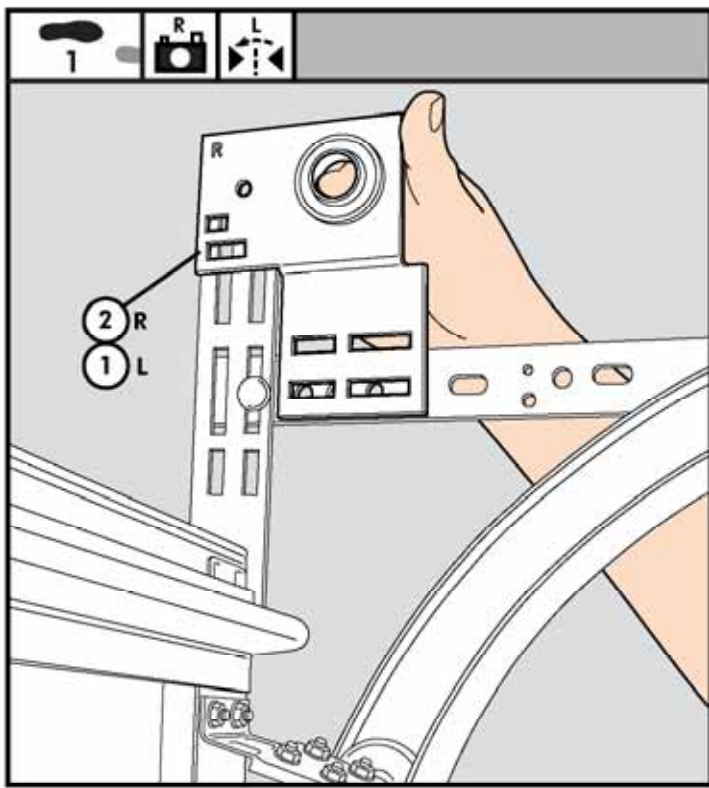
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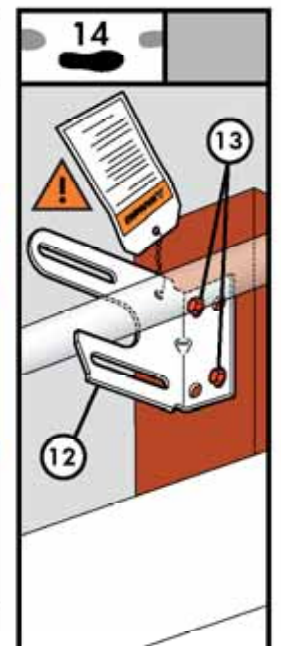
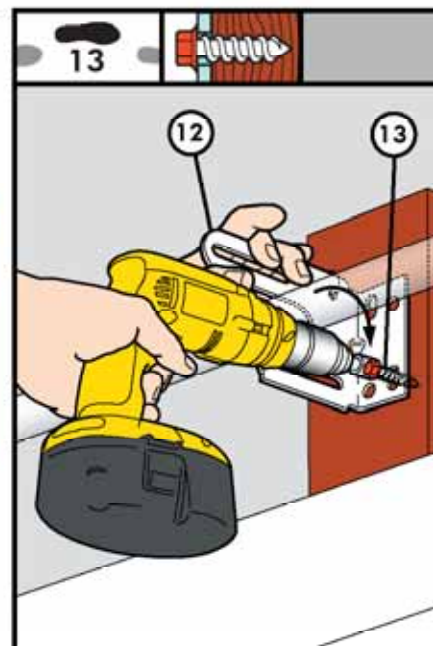
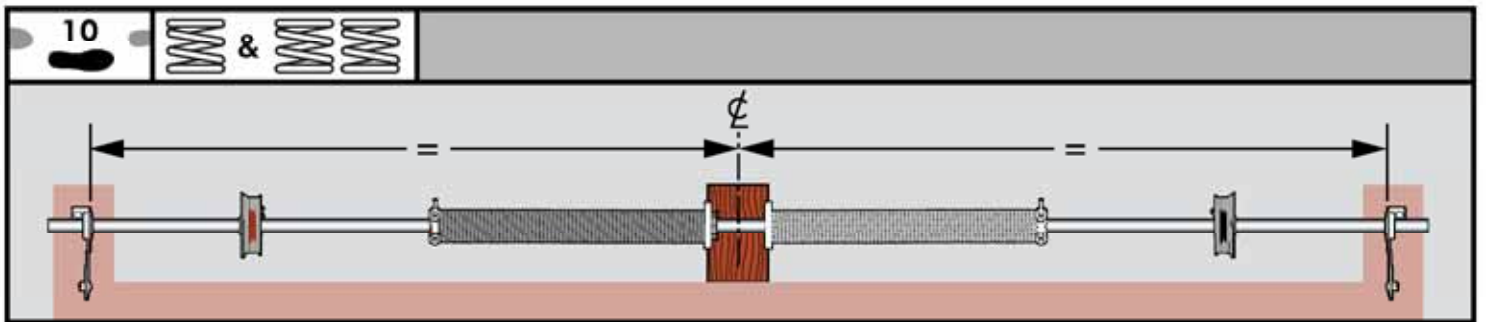
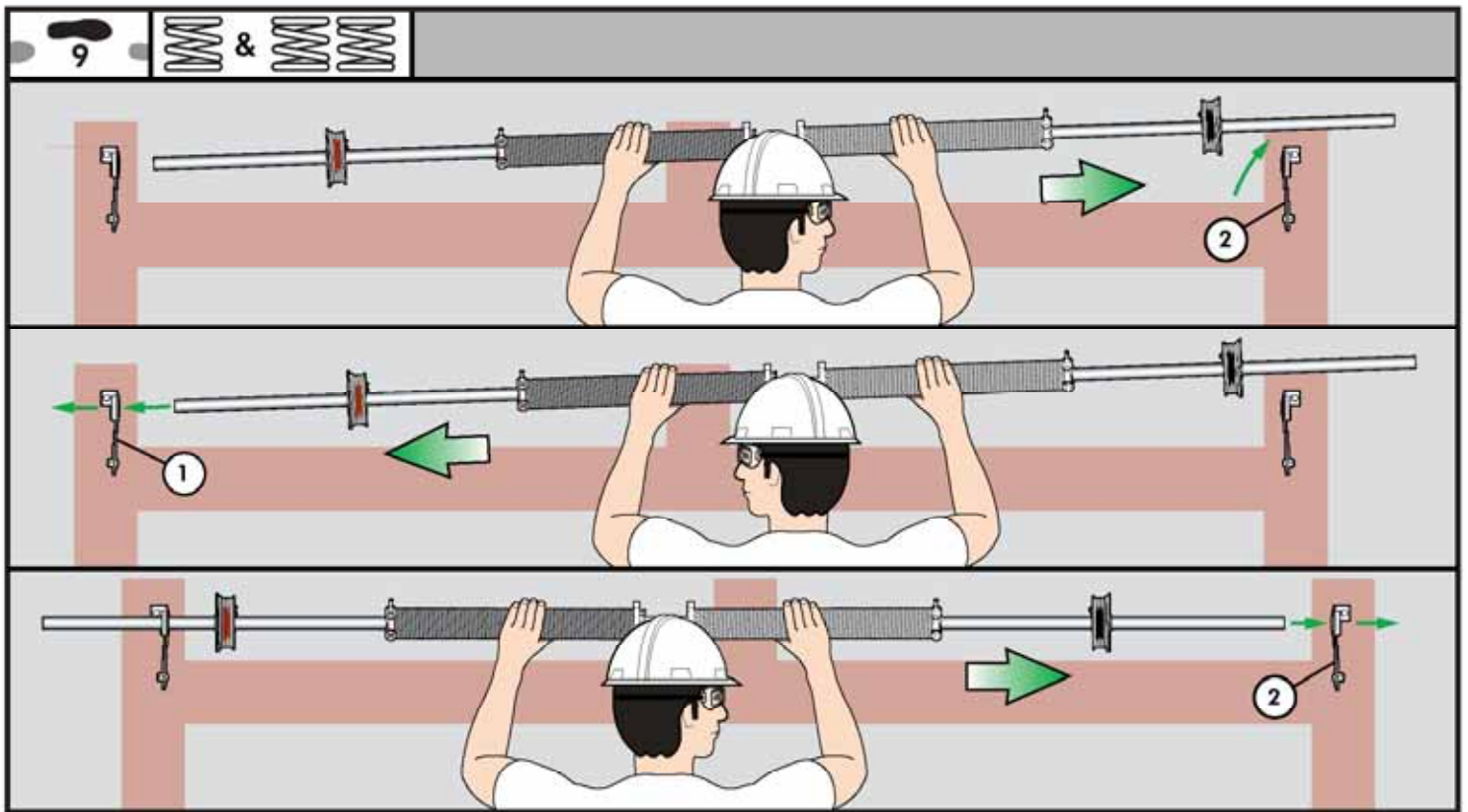
	STEP; ORDER OF INSTRUCTION EXAMPLE: STEP 3
	ORIENTATION OF THE VIEW BELOW EXAMPLE: VIEW OF THE RIGHT SIDE OF THE ASSEMBLY
	MIRROR IMAGE OF VIEW BELOW EXAMPLE: MIRROR IMAGE OF VIEW IS LEFT SIDE OF ASSEMBLY
	ITEM NUMBER EXAMPLE: ITEM NUMBER 5
	PRE-DRILL INTO WOOD
	ASSURE THAT LAG BOLT IS ANCHORED INTO WOOD
	APPLIES TO THIS ITEM, CHECK STEP or PASSES TEST
	DOES NOT APPLY TO THIS ITEM, WRONG WAY or DOES NOT PASS TEST
	RIGHT HAND SIDE
	LEFT HAND SIDE
	PART MARKED IN RED
	PART MARKED IN BLACK
	WARNING - PARTS UNDER TENSION
	DOOR HEIGHT
	APPLIES TO STANDARD LIFT TRACK SYSTEMS
	APPLIES TO LOW HEADROOM TRACK SYSTEMS

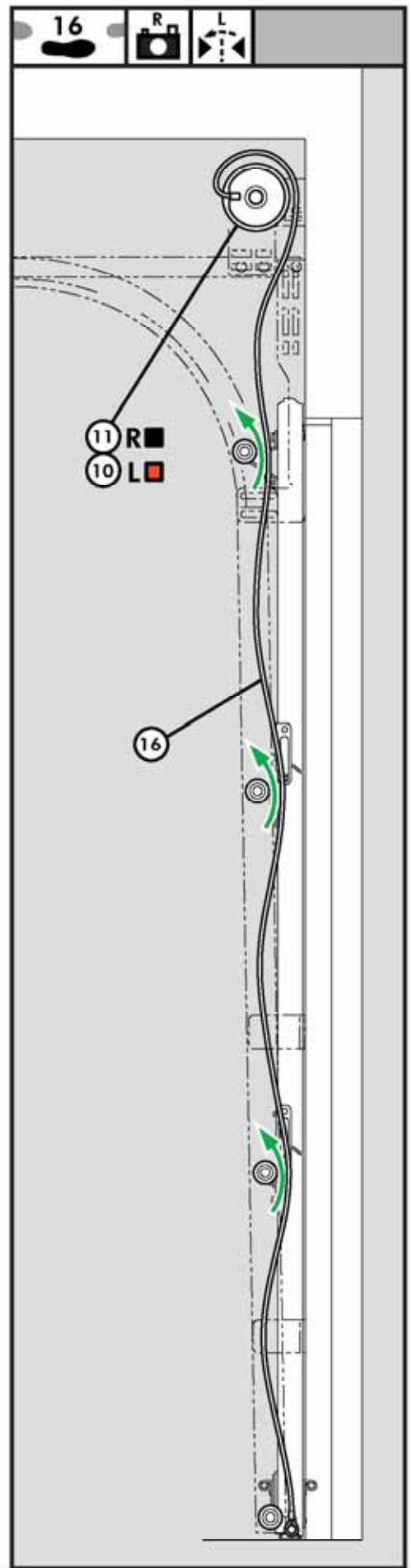
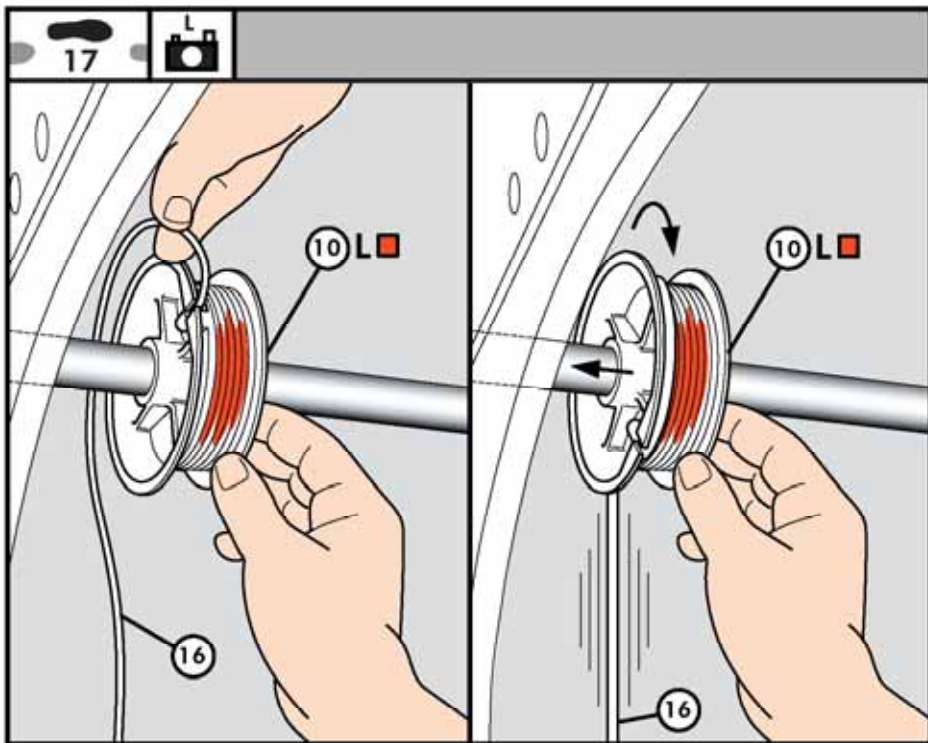
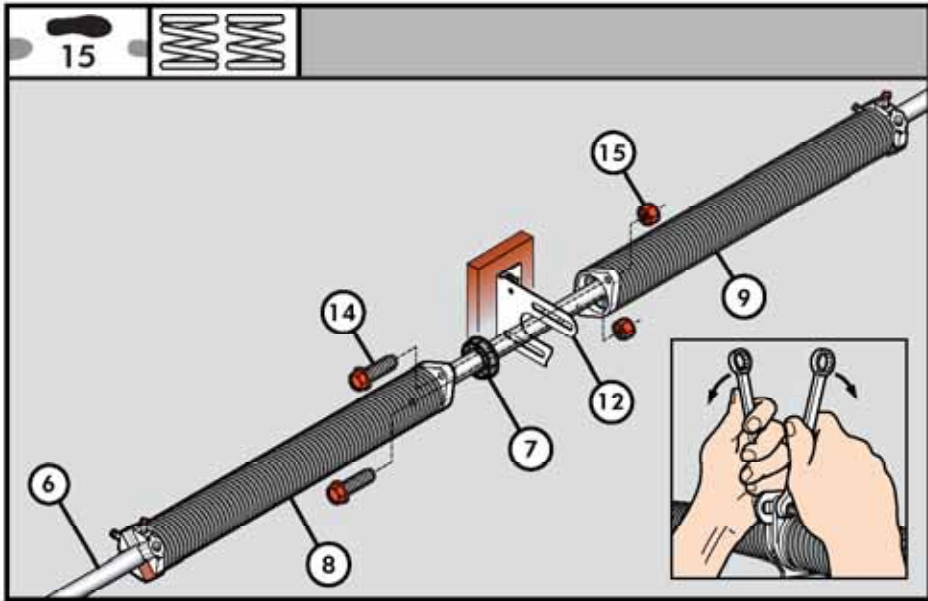
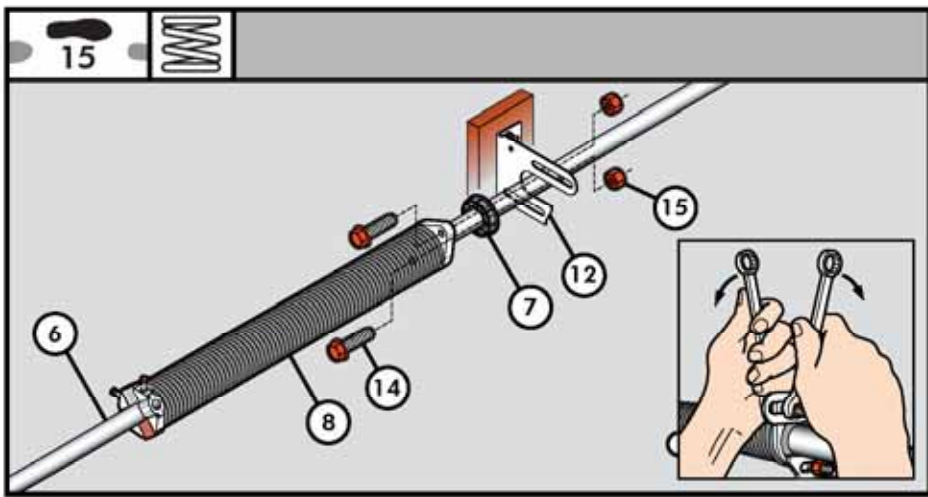
					
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2		R	✓	✓	
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7			✓	✓	
8		L 	✓	✓	
9		R 	X	✓	
10		L 	✓	✓	
11		R 	✓	✓	
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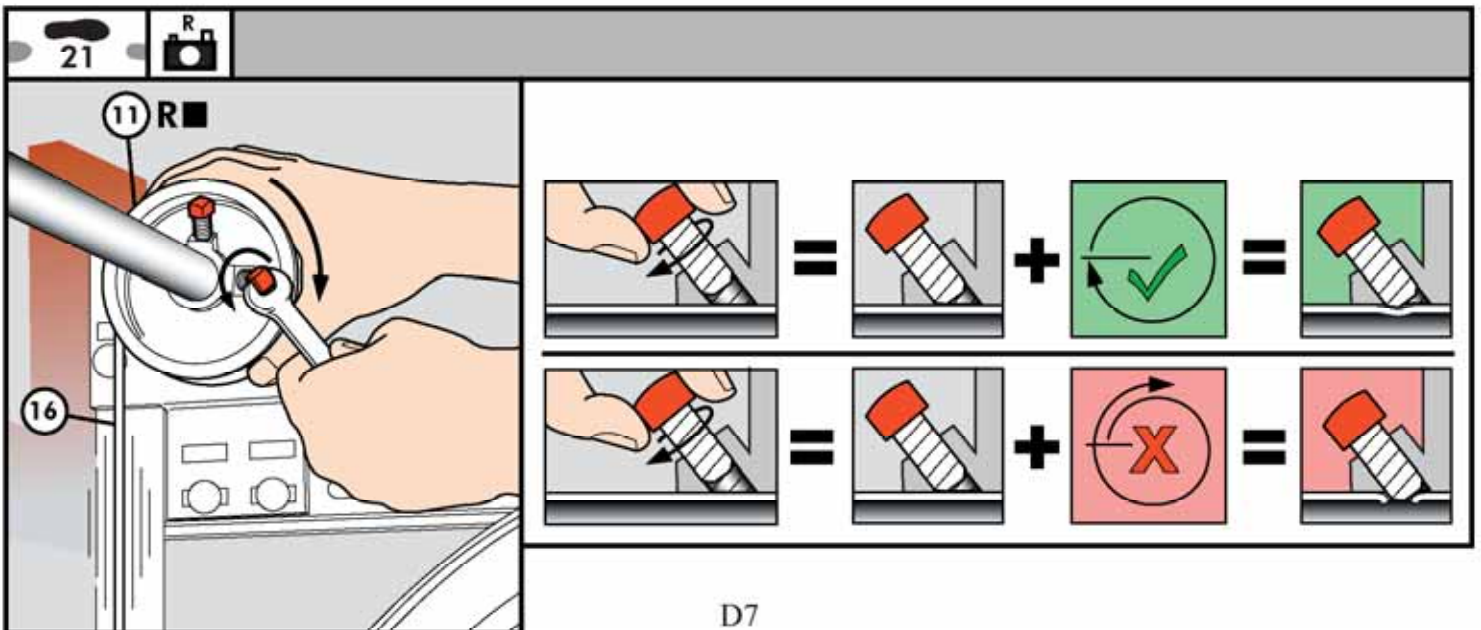
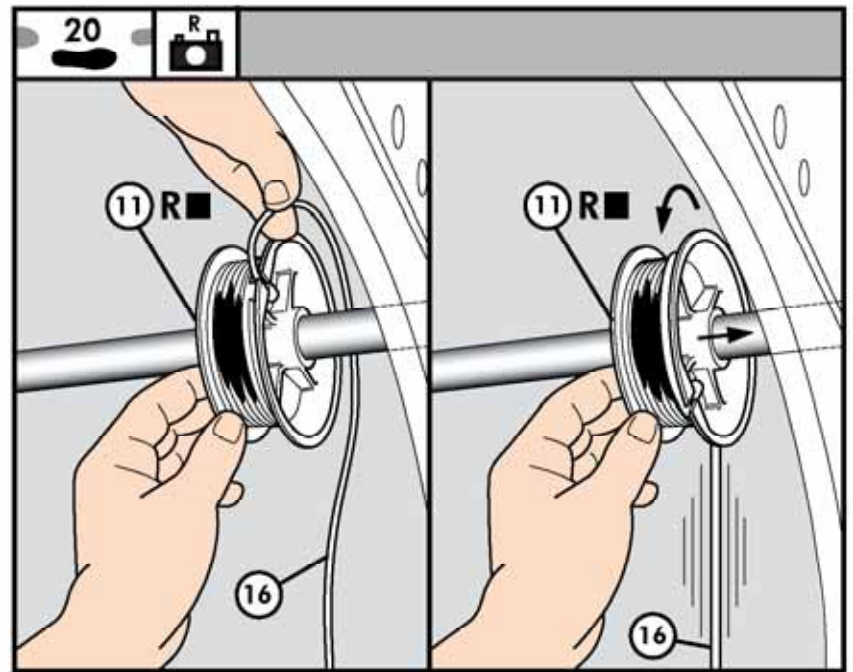
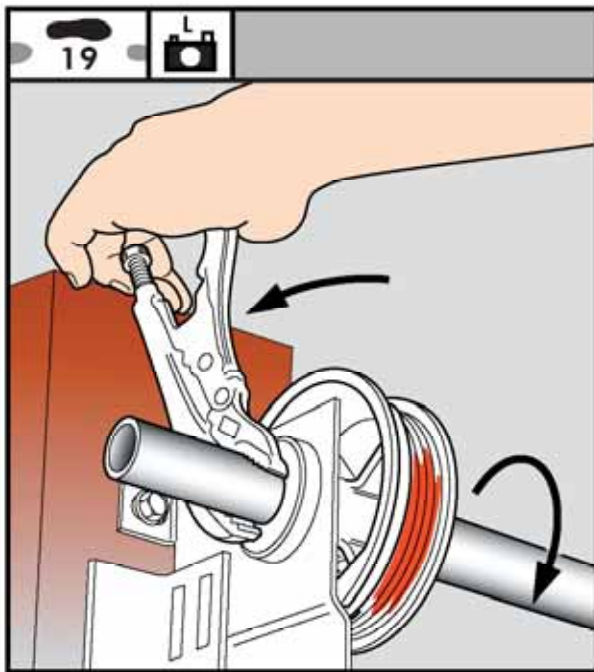
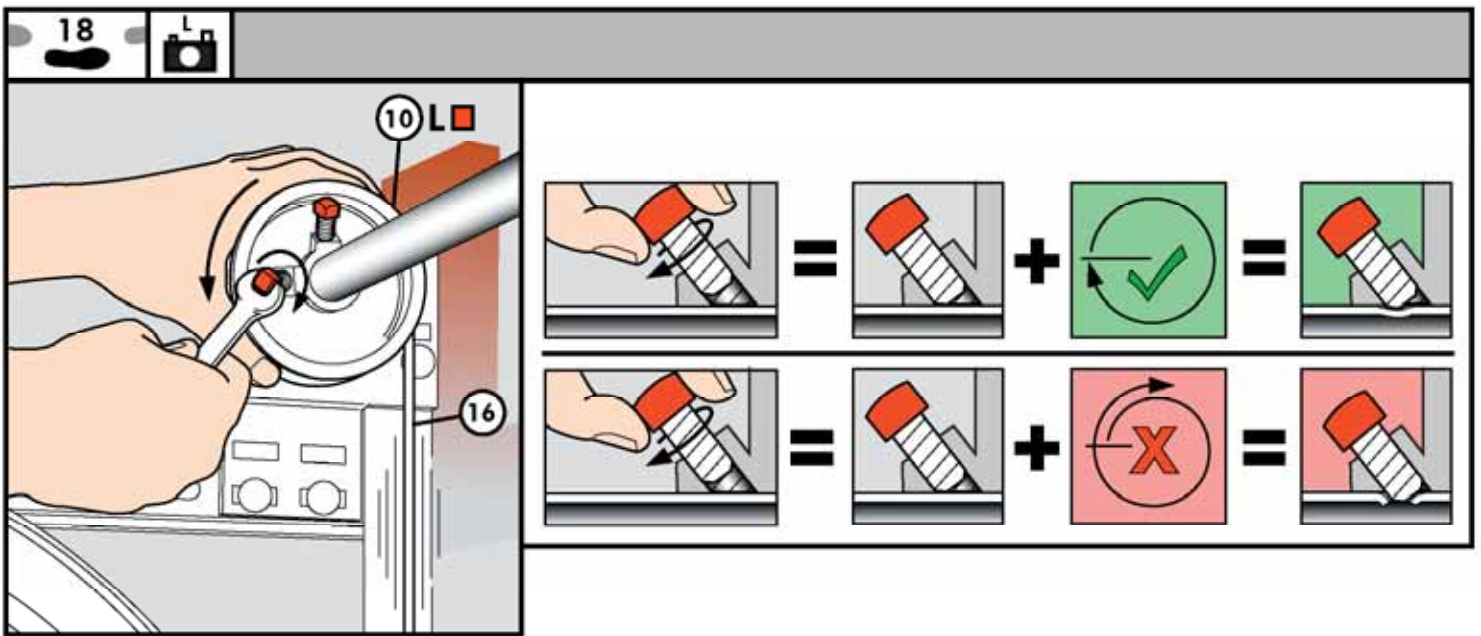


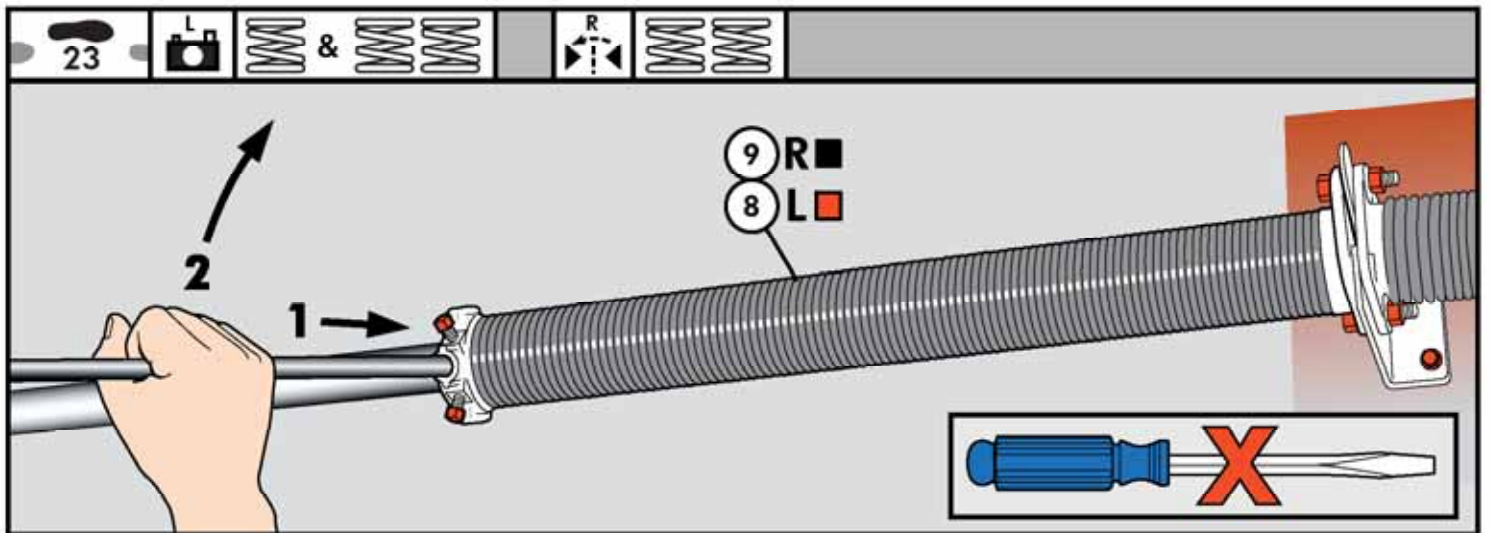
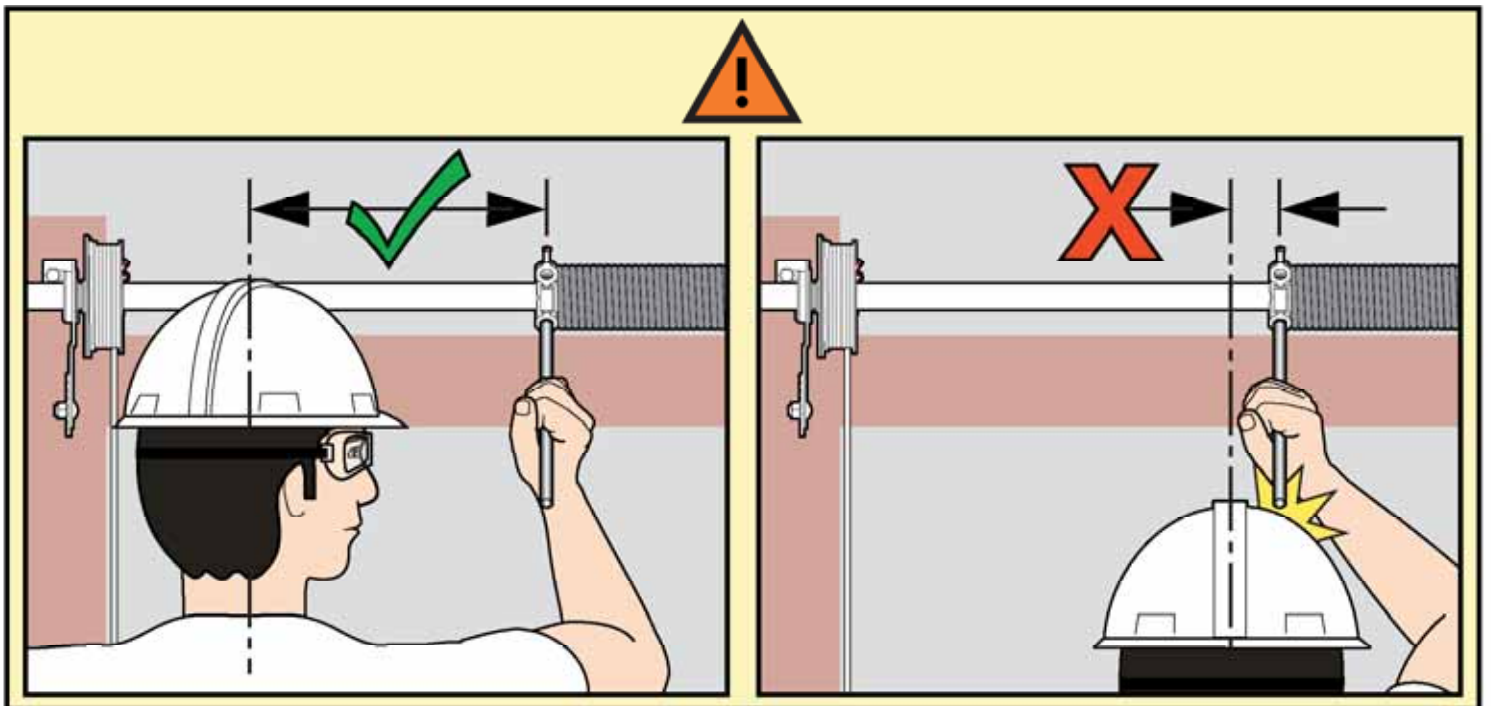
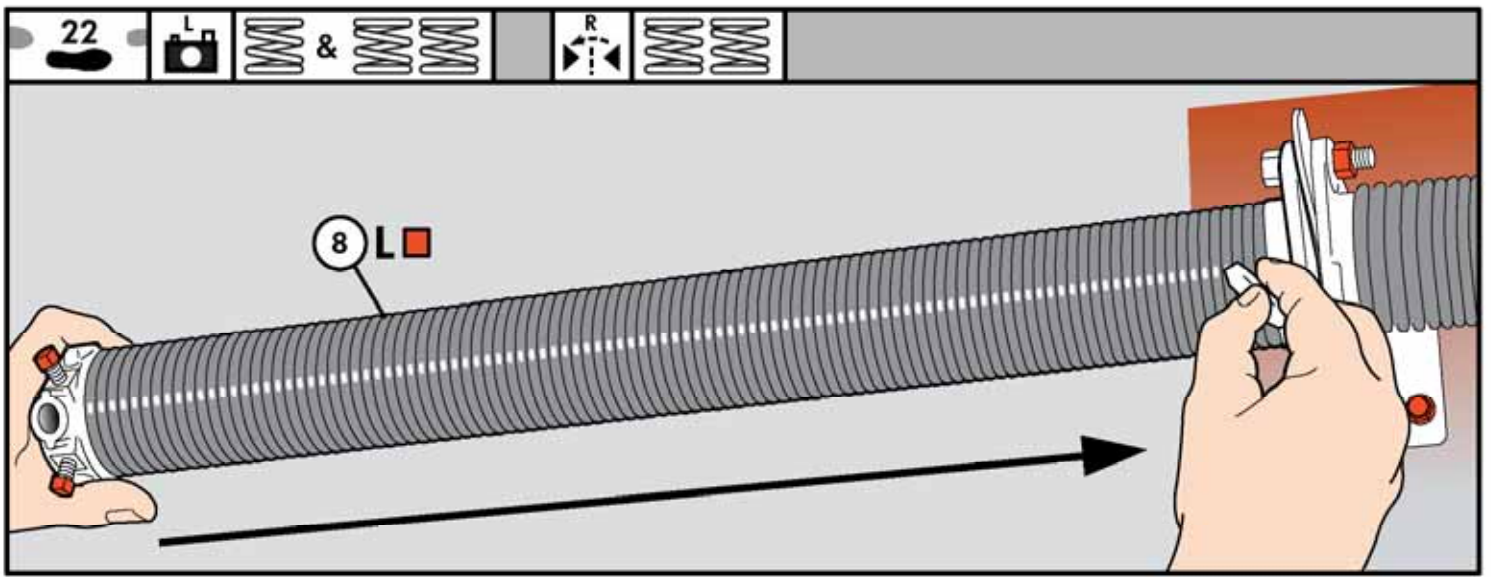




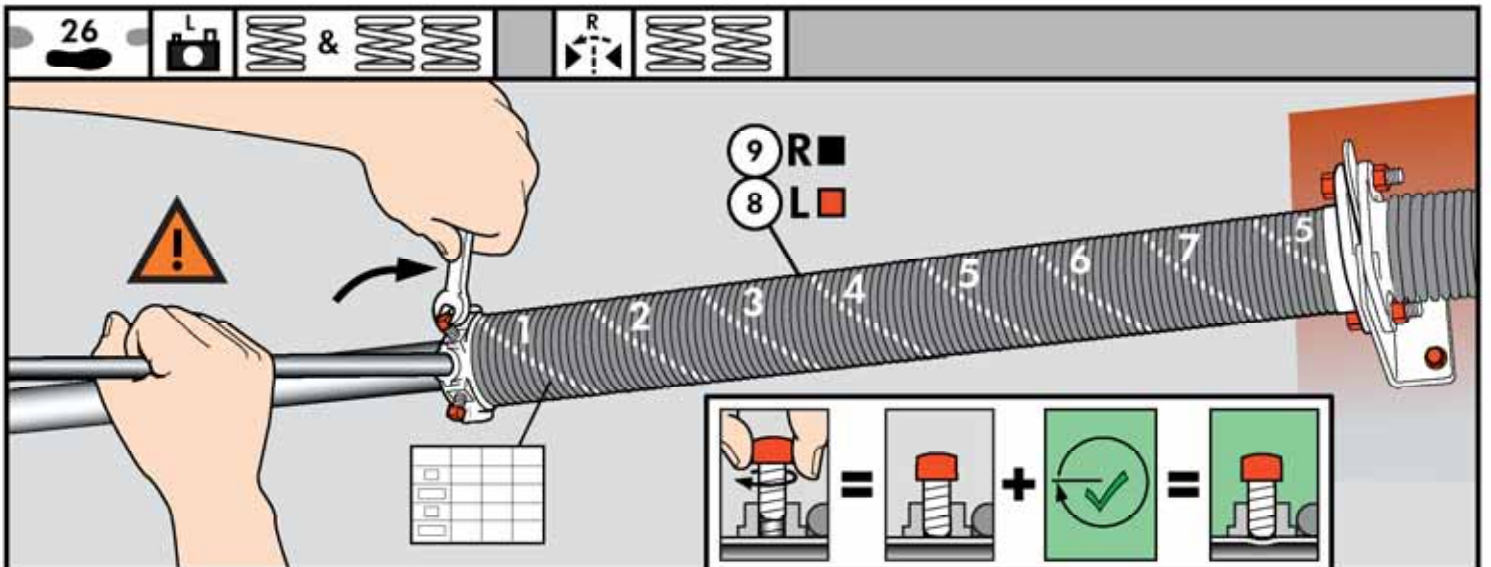
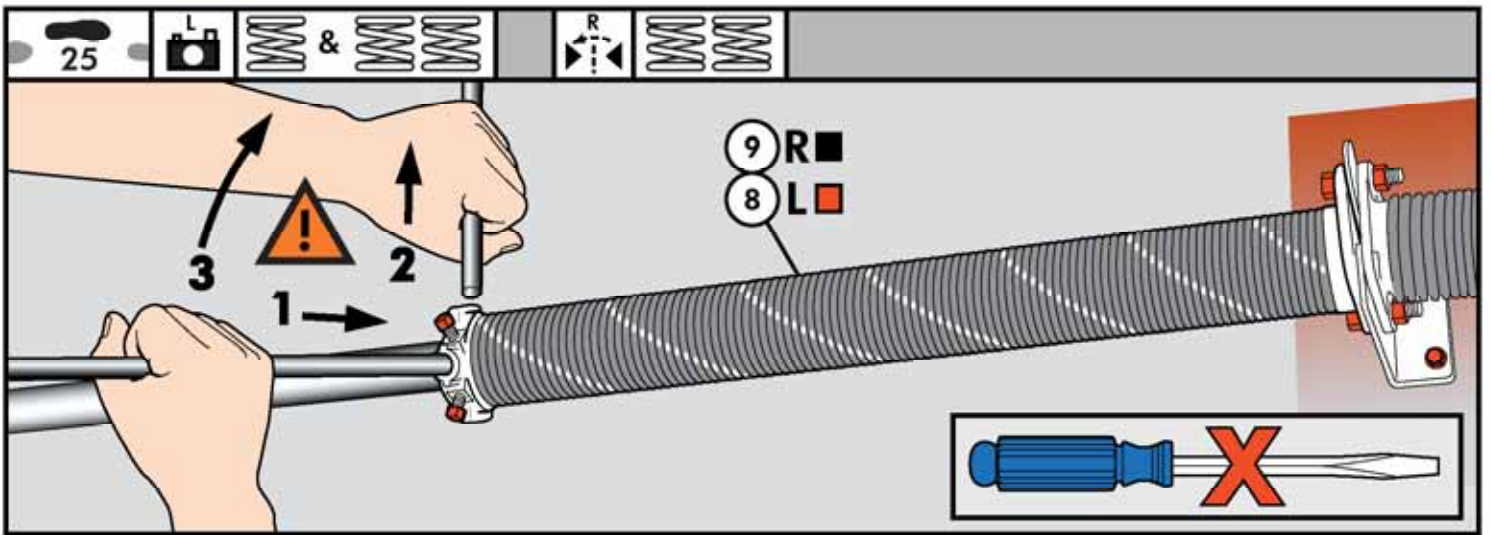
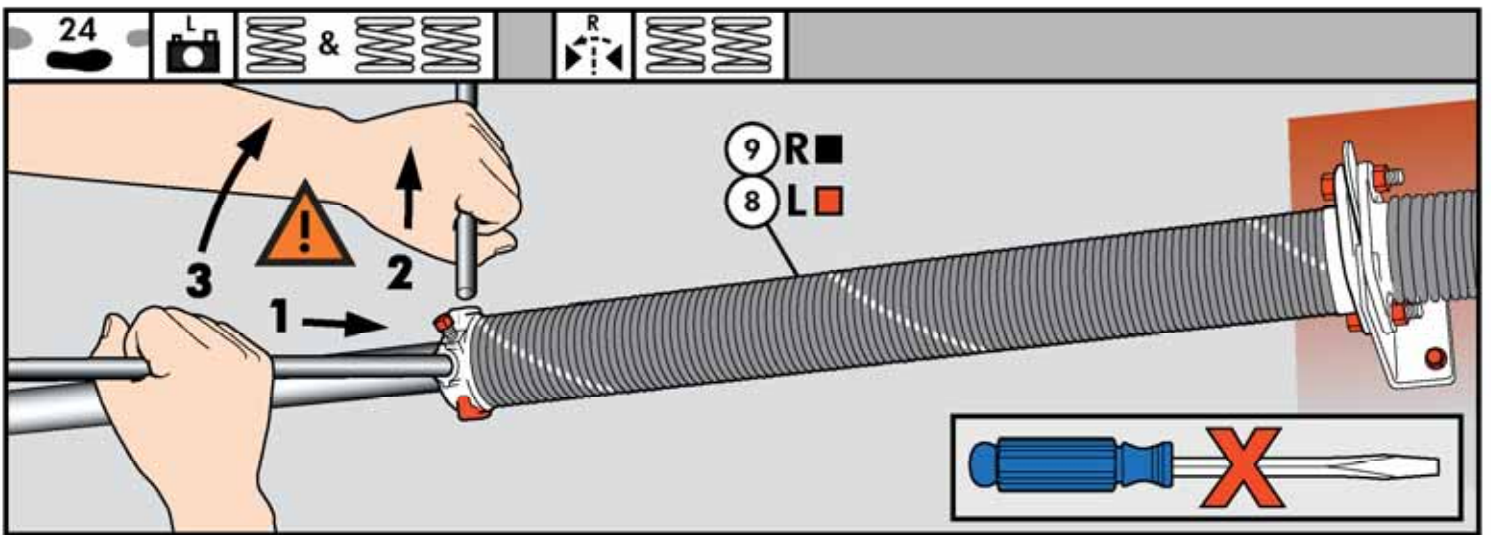


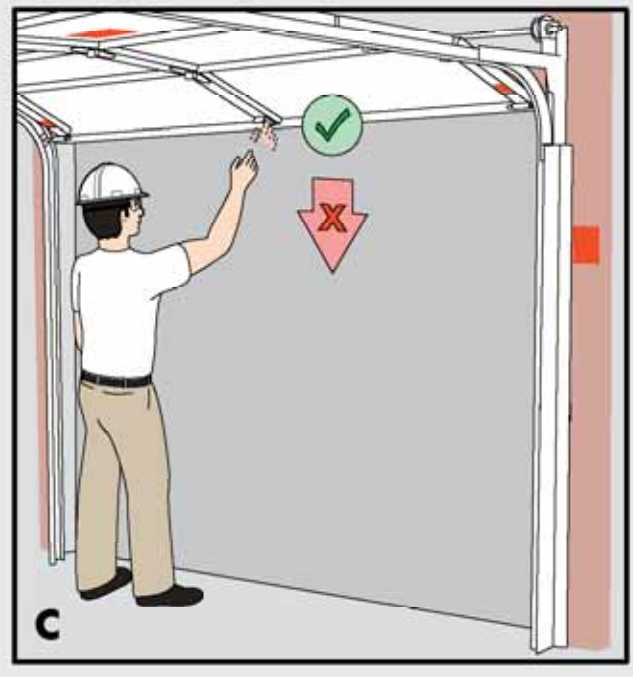
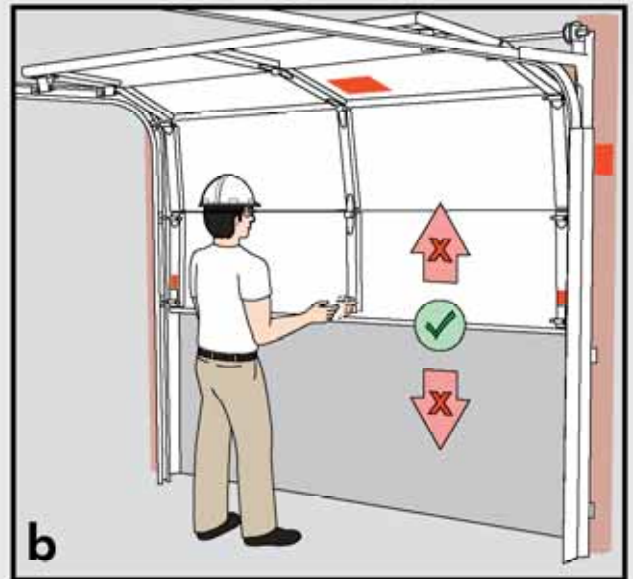
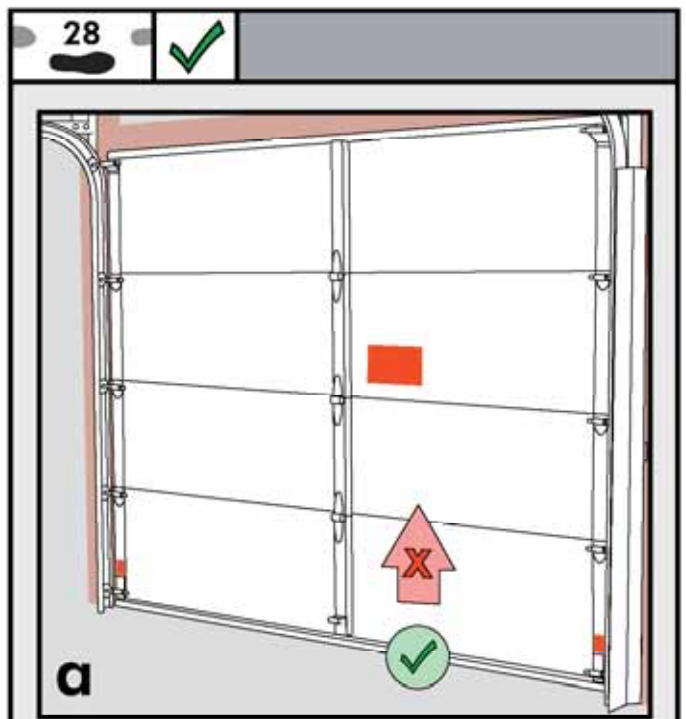
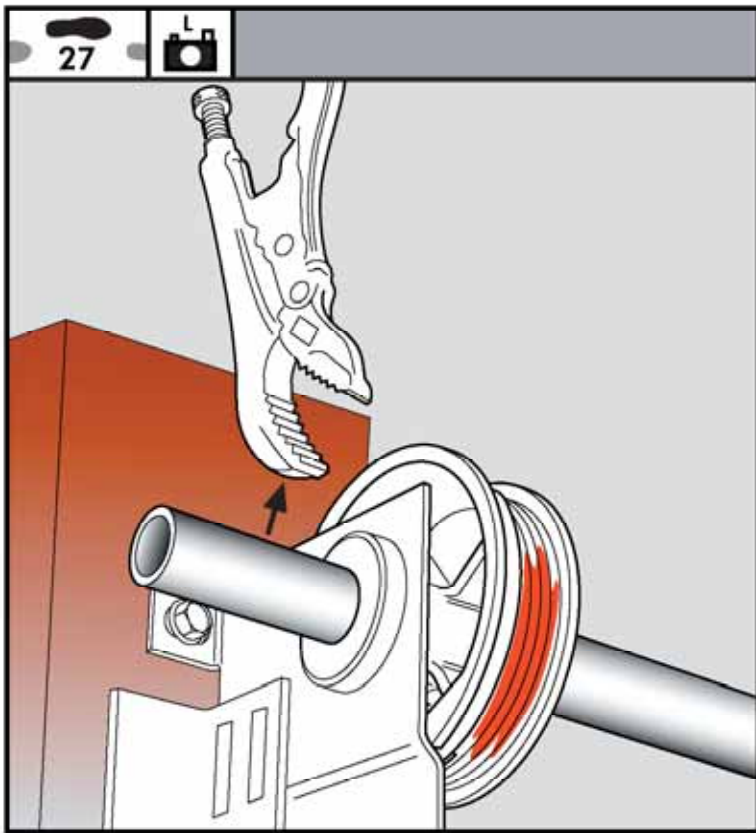








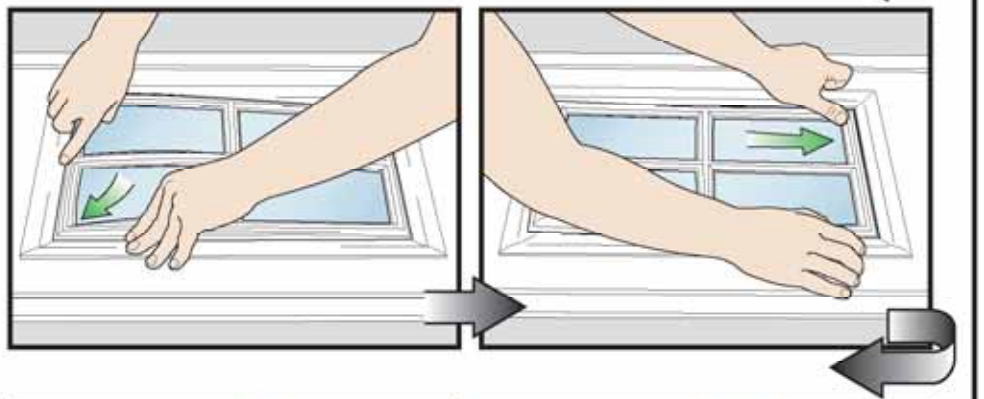
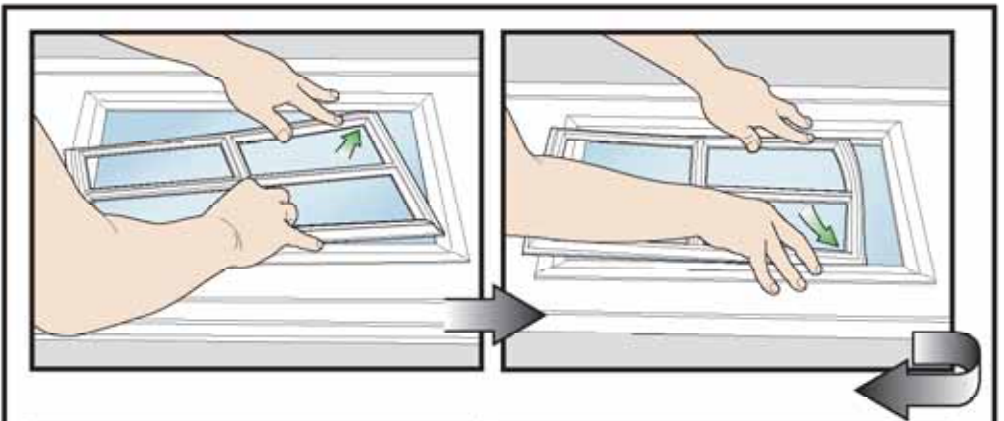
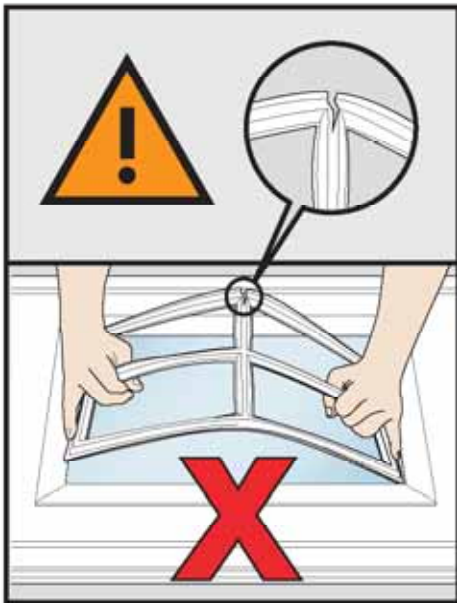




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# Window Trim Inserts Installation Instructions



# Maintenance for Overhead Sectional Steel Garage Door and Opener

The following maintenance and inspections should be performed every six (6) months:

## Exterior Surface\*

Washing your door with light (non abrasive) soapy water will help keep your door looking like new. It will also help to remove any corrosive (i.e. salt) residue that may be on the surface of your door. (Example: 5 gallons of water to 1 cup of Tide®). Car wash can be used to further protect the finish.

\*Wash your door once a month in areas 1.24 miles or less from excessive salt atmospheres.

## Painting for Steel Garage Doors: (NOTE: PAINTING DOOR VOIDS THE PAINT FINISH WARRANTY)

The factory applied finish on your metal garage door is a baked-on coating, designed to give trouble free performance for years with little service required. To paint, follow these instructions:

1. Close door, wipe down, and clean entire door with mild detergent to remove dirt. Rinse clean with water.
2. When door is dry, paint with two coats of high-grade exterior latex based paint. **DO NOT USE AN OIL-BASED PAINT.**
3. Follow paint manufacturer's instructions and avoid painting at temperatures below 50 degrees F.

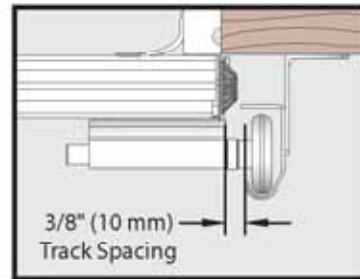
For complete instructions on "How to Paint Steel Garage Doors", contact your distributor.

## Track, Hinges, Rollers

Light oil (Example: 10W-30 motor oil) all sheaves, non-plastic rollers, roller shafts and hinges as needed. (Note: Nylon rollers DO NOT need any type of lubricant added, these are self-lubricating).

Check springs and cable for wear and binding.

Inspection track alignment, the track should measure a minimum of 3/8" from the edge of the door. Backhang angle and sway braces should be tight and secure.



## Torsion Springs

It is not recommended that anyone other than a garage door service professional lubricate or adjust torsion springs. (Note: these components are under high tension and can cause severe injury).

### Every Two Months

#### Weather-strip

Weather-stripping that is made of vinyl and rubber materials should be cleaned with an all-purpose vinyl cleanser. **The backside of the Weather-stripping should be cleaned to remove dust, dirt and debris which may abrade the front painted surface.**

Lubricate the flexible weather-stripping every two months (more frequently for high usage doors) with a silicon-based oil. (Do not use petroleum-based oils, as this will cause loss of elasticity. Petroleum attacks the rubber and decreases its flexibility.) (Note: It is recommended to paint over the flexible portion of the weather-strip.)

### Every Month

#### Automatic Garage Door Opener

Lightly lubricate the opener track and trolley. Read the instructions, provided by the manufacturer of the opener, carefully as special lubricants may be recommended.

Every month close the door then disconnect the opener by pulling the release pull cord straight down and raise and lower the door several times by hand using the lift handle supplied. A properly balanced spring and door system will balance at all intervals of operation. (Note: If you have difficulty opening the door, your opener will have the same difficulty. Should the spring system need any necessary adjusting, this is to be performed by a garage door service professional.)

Many garage door openers can be equipped with accessory safety devices. Consider adding an electric eye or edge sensor as an extra measure of safety to protect against entrapment.

## Safety Precautions

Your door is constructed of high quality components to provide years of continued service. Since it is a large moving object, periodic maintenance along with the following cautionary directions should be observed to ensure safe and reliable operation:

Should your door become hard to operate or completely inoperative, it is recommended that a garage door service professional be contacted.

Do not operate the door if you can not see the door.

Operate door only when it is properly adjusted and free of obstructions.

Door is constantly under extreme spring tension. Repairs and adjustments, especially to cables and spring assembly, can be hazardous and should be performed by a garage door service professional.

Avoid standing in open doorway or walking through doorway while door is moving.