

RESIDENTIAL SECTIONAL WOOD DOORS

INSTALLATION INSTRUCTIONS

CLOPAY CONSUMER SERVICES • 1-800-225-6729



INSTRUCTIONS COMPATIBLE WITH THE FOLLOWING MODELS: 10, 20, 33, 44, RC, RH, RR, CC, CH, CR, CR800, CRD, MRD

STEP 1 - BEFORE YOU BEGIN

- Verify you have all parts and materials required for installation.
 - Door Components (See Page 5).

If missing parts or damaged sections, call Clopay Consumer Services Hotline 1-800-225-6729.
- Read instructions completely and/or watch installation video.
- **HEADROOM:** Verify appropriate amount of headroom to install door (STEP 3).
- **LOW HEADROOM:** Special instructions and additional hardware may be required (STEP 3, Table 3-B).
- **INSTALLATION TIME:** Allow enough time to complete installation. Garage will be open and unsecured during installation and will not be able to be used until tracks are installed.
 - Removing existing door will take approximately 1–3 hours.
 - Typical installation time is 9–12 hours.
- **TRACK AND HARDWARE:** Express warranties apply only to doors installed using original, factory-supplied sections, parts and hardware and in strict adherence with these instructions.

WARNING

Never reuse old track or hardware when installing a new door as it may cause installation problems or door to fall which could result in serious personal injury or property damage.

- **AUTOMATIC DOOR OPENER:** Installation of a reinforced mounting point is required to avoid damage (STEP 10 or STEP 15). Sold separately.
- **DRILLING:** Take care not to drill through outside steel skin unless otherwise instructed.
- **HIGH WIND AREAS:** Doors installed in high windload regions (Florida and other high wind-prone areas) may require additional reinforcement. Refer to Supplemental Instructions for details if applicable.

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INSTALLATION VIDEO:

<http://www.clopaydoor.com/residential/buyingguide/residential-installation-videos>

or scan the QR code on the right.



FR

Français

La version française de ce supplément peut être accédée en ligne à l'adresse suivante:
<http://www.clopaydoor.com/owners-manuals>

ES

Español

Se puede acceder a la versión en español del presente suplemento en la siguiente dirección:
<http://www.clopaydoor.com/owners-manuals>

STEP 2 – READ THIS SAFETY INFORMATION - IMPORTANT!



WARNING

TO PROTECT YOURSELF FROM INJURY, YOU MUST CAREFULLY READ THE FOLLOWING SAFETY INFORMATION AND WARNINGS BEFORE YOU INSTALL OR USE YOUR NEW GARAGE DOOR!

BEFORE INSTALLING YOUR DOOR

- You can install your new garage door yourself if:
 - a) you have help (it may weigh up to 150 lbs.)
 - b) you have the right tools and reasonable mechanical aptitude or experience
 - c) you follow these instructions very carefully
- Garage doors use springs to balance them. There are two types of springs – extension or torsion. Each of these is available in either a standard or EZ-SET® assembly option. Please look at the drawings on Page 4 to see which springs your old door has. If your door has a different type of spring, consult the original manufacturer's instructions for removal.
- If your old door uses torsion springs, do not attempt to remove the door or the springs yourself. Have a qualified door repair service remove them. Attempting to remove a torsion spring assembly without proper training or tools may result in an uncontrolled release of spring force which can cause serious or fatal injury (Page 4).
- In removing a garage door that has extension springs, follow the instructions carefully (Page 7), including the use of C-clamps or locking pliers on both sides of the door in order to keep the door from moving once the springs are removed.
- Springs, cables and bottom fixtures are under strong spring tension. Do not attempt to loosen any fasteners on these components. You could suddenly release spring forces and risk severe injury.
- Doors equipped with automatic garage door openers can cause serious injury or death if not properly adjusted and operated. To ensure safety of these doors:
 - a) test the sensitivity of the garage door opener's safety reverse mechanism monthly
 - b) if your door has a pull-down rope, you must remove it
 - c) make sure the door remains unlocked
 - d) ensure door is properly reinforced
 - e) do not allow children to play with the controls
- DO NOT attempt to install the door during windy weather conditions. The door sections may be blown down causing serious injury or property damage.
- Manufacturer disclaims all liability for any installation that is not in compliance with these installation instructions or applicable state or county building codes.

WHILE INSTALLING YOUR DOOR

- Use only the track specified and supplied with the door.
- Bolts must be installed at the rear end of horizontal tracks. These act to stop the rollers and keep the door from rolling off the back of the track.
- Track installations must use sway braces on the rear track hangers to prevent sideways movement. If the tracks are not firmly stabilized they might spread, allowing the door to fall and cause severe injury and damage.
- Do not attach any brackets directly to drywall or sheet rock. All track brackets, flag brackets and spring brackets should only be attached directly to 2" × 6" wood jambs. Otherwise, brackets could pull out of the drywall with dangerous force.

AFTER INSTALLING YOUR DOOR

- The brackets at the bottom corners of your garage door are under great tension. Do not attempt to loosen any bracket fasteners except when and as directed in detail in the following instructions. Otherwise, the bracket could spring out with dangerous force.
- Do not permit children to play beneath or with any garage door or electronic operating controls.
- Keep hands and fingers clear of section joints, track and other door parts when the door is opening and closing to avoid injury. In particular, do not place fingers in section joints in order to close the door, as finger pinch, crush or amputation will result. The lift handles are located for safe operation as well as easy use.
- If the garage door and/or any of the supporting track are damaged, operating the door could be hazardous. Contact Clopay Consumer Service Hotline.
- If repairs are ever required to your door, safety and trouble-free operation can be best assured by using original replacement parts.
- Once you have completed the installation of your new garage door, please be sure that your garage complies with all applicable ventilation requirements before you enclose any vehicles in the garage. Good ventilation avoids fire and health hazards caused by fumes accumulating within a well-sealed garage.
- Only approved residential garage door openers are permitted to be used in residential applications. A residential application is a building for four families or less, or a garage that is serving the primary residence.
- Install operator control panel away from garage door track and the door itself. Keep body parts away from track at all times when operating an opener or opening/closing a garage door.



In the interest of safety this symbol means WARNING or CAUTION. Personal injury and/or property damage may occur unless instructions are followed carefully.

STEP 3 - CHECK HEADROOM, BACKROOM, SIDEROOM

Headroom Requirement:

- Headroom is space needed above top of door for door, overhead tracks and springs.
- Measure to check that there are no obstructions within that space (Fig. 3-A).
- Refer to Table 3-A for standard headroom requirements.
- Track radius can be determined by measuring dimension "R" (Fig. 3-B).
 - If "R" equals 11" to 12", it is a 12" radius track.
 - If "R" equals 14" to 15", it is a 15" radius track.
- Determine which type of spring you have (STEP 4).

NOTE: If there is restricted headroom, several low headroom remedies are available (Table 3-B). Installation of these options differ from installation of a standard headroom door. Supplemental instructions are included with hardware of each low headroom option.

Rough Opening:

- Rough opening (minus stop mold) = same size as door (Fig. 3-A).

Backroom Requirement:

- Measured from back of door into garage, and should be at least 18" more than height of garage door (Fig. 3-A).

Sideroom Requirement:

- Minimum 3-3/4" is needed on each side of door on interior wall surface to allow for attachment of vertical track assembly.
- Minimum 4-1/2" is needed on each side of door above opening for torsion spring attachment.

NOTE: If you are installing an automatic opener, about 3" of additional headroom at the center plus additional backroom is needed. Check door opener instructions.

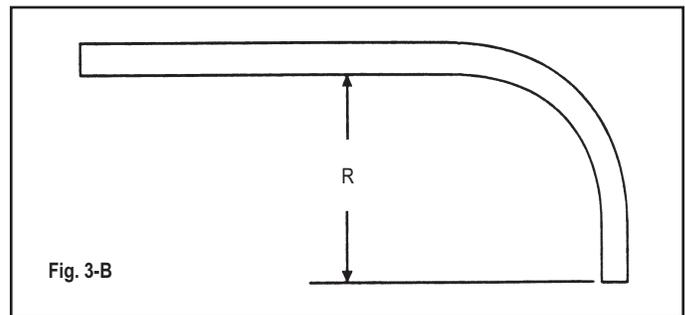
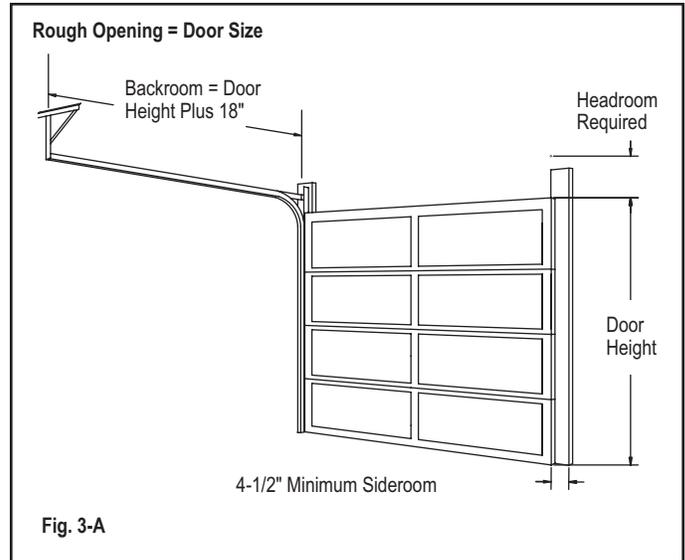


Table 3-A: Standard Headroom Requirement Chart

Spring Type	Track Radius	Headroom Required
EZ-SET® Extension Spring or Extension Spring	12"	10"
EZ-SET® Extension Spring or Extension Spring	15"	12"
EZ-SET® Torsion Spring or Torsion Spring	12"	12"
EZ-SET® Torsion Spring or Torsion Spring	15"	14"

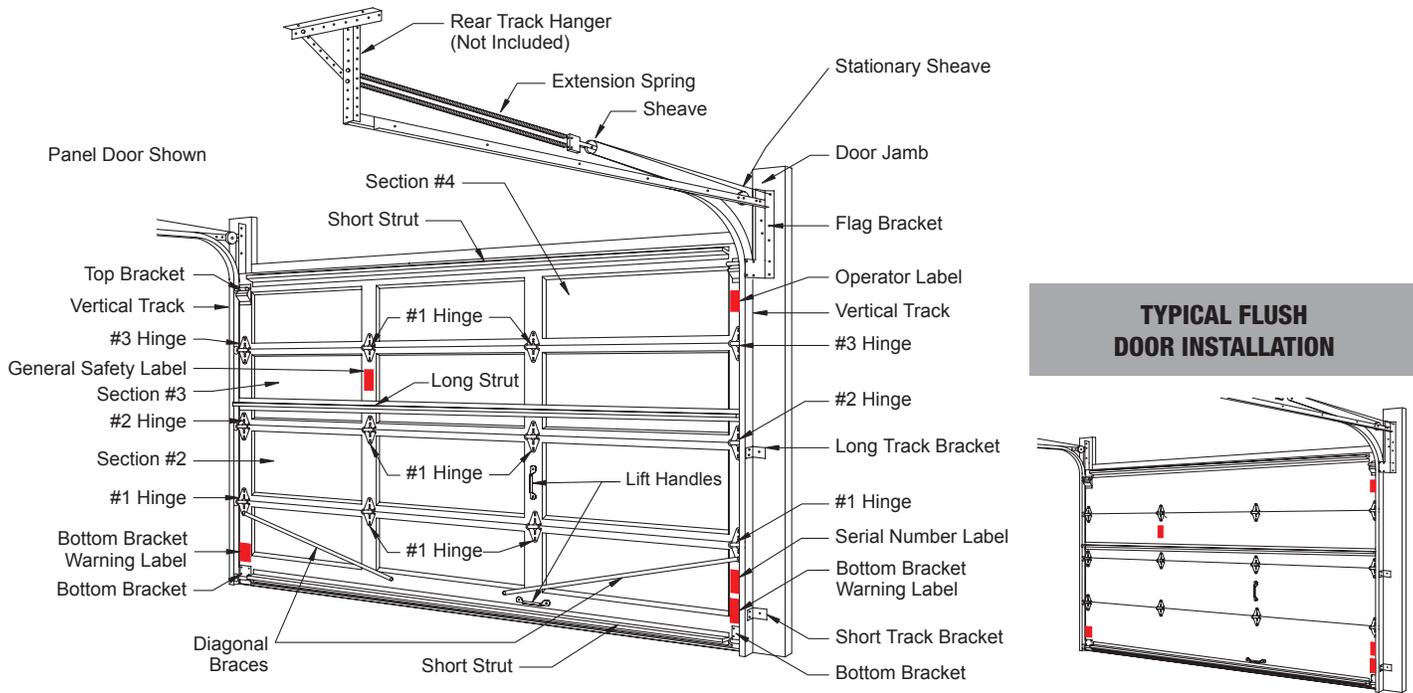
Table 3-B: Low Headroom Options*

Spring Type	Low Headroom Option	Reduces Required Headroom to:	How can I get this option?
Extension and EZ-SET® Extension	Low Headroom Track	4-1/2"	Order Low Headroom Track
Extension and EZ-SET® Extension	Low Headroom Conversion Kit (Modifies Standard Track)	4-1/2"	Available at most retail stores
Extension and EZ-SET® Extension	Quick Turn Bracket	8" on 12" Radius Track	Order Quick Turn Bracket Set
EZ-SET® Torsion	Low Headroom Track (Front Mount Spring)	9-1/2"	Order Low Headroom Track
EZ-SET® Torsion	Low Headroom Conversion Kit (Modifies Standard Track)	9-1/2"	Available at most retail stores
Torsion	Low Headroom Track (Front Mount Spring)	9-1/2"	Available from and should be installed by professional installer only
Torsion	Low Headroom Track (Rear Mount Spring)	4-1/2"	Available from and should be installed by professional installer only

*About 3" of additional headroom height at the center plus additional backroom is needed to install an automatic garage door opener. Check door opener instructions.

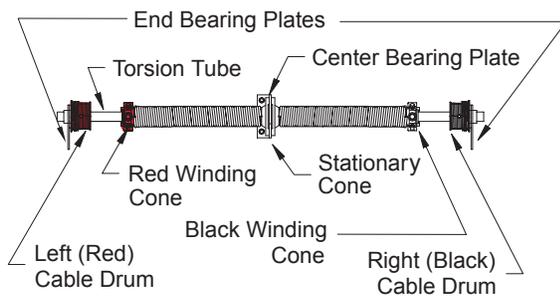
STEP 4 - REVIEW COMPLETE DOOR ASSEMBLY AND VERIFY ALL HARDWARE IS PRESENT

FINAL GARAGE DOOR ASSEMBLY EXTENSION SPRING SYSTEM SHOWN

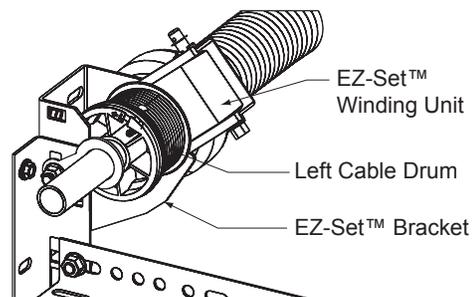


SPRING SYSTEMS

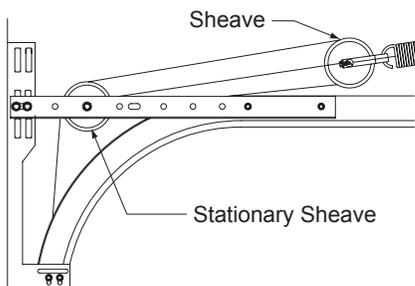
STANDARD TORSION SPRING SYSTEM



EZ-SET® TORSION SPRING SYSTEM



STANDARD EXTENSION SPRING SYSTEM

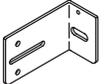
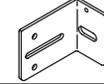
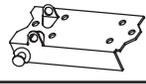
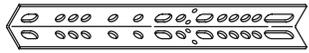
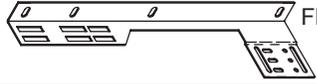


NOTE: The above illustrations represent a composite of many features found on a variety of garage doors. While not representative of any one door, it provides a handy reference for the location of specific components. Doors with torsion springs may require EITHER one or two springs depending on the door weight. Consult your spring manual.

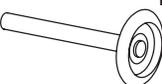
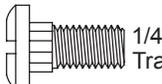
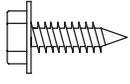
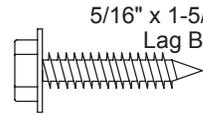
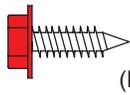
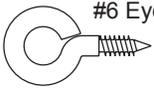
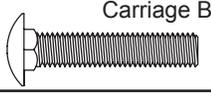
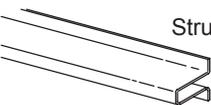
HARDWARE COMPONENTS INCLUDED

NOTE: All doors will receive (1) spring kit and (1) or more springs. Separate spring installation supplemental instructions should be included with door hardware. This supplement contains a list of all spring related hardware along with instructions on proper spring installation.

All Doors Will Receive (2) Of These Items:

	Track Bracket (Longer)		3/8"-18 x 3/4" Lg. Carriage Bolt		3/8" Washer
	Track Bracket (Shorter)		Top Bracket		Curved Horizontal Track
	#2 Hinge		Bottom Bracket (1) LH + (1) RH		Vertical Track
	#3 Hinge		Horizontal Angle		Cable Assembly
	#4 Hinge (5 Section Doors Only)		Flag Bracket (1) LH + (1) RH		3/8" Hex Nut

(While not representative of any one model, the quantities below can be used as a guide. In some instances, extra screws/bolts are provided in the event of strip out or loss of parts.)

Description:	Door Size:	Qty. (Panel Doors)	Qty. (Flush Doors)	Description:	Door Size:	Qty. (Flush Doors)
 1/4" Hex Nut	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	48	0	 Rollers	4 Section Doors	10
	Double Car Doors 16'W x 6'6" - 7'0"H	72	0		5 Section Doors	12
 1/4" Hex Nut (Red Coated)	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	8	0	 #1 Hinge	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	5
	Double Car Doors 16'W x 6'6" - 7'0"H	8	0		Double Car Doors 16'W x 6'6" - 7'0"H	11
 1/4" Flange Nut	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	16	16	 1/4" x 5/8" Track Bolt	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	16
	Double Car Doors 16'W x 6'6" - 7'0"H	22	22		Double Car Doors 16'W x 6'6" - 7'0"H	22
 1/4" x 1" Lag Screw	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	0	48	 5/16" x 1-5/8" Lag Bolt	4 Section Doors	10
	Double Car Doors 16'W x 6'6" - 7'0"H	30	102		5 Section Doors	12
 1/4" x 1" Lag Screw (Red Head)	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	0	8	 #6 Eyescrew	All Doors	1
	Double Car Doors 16'W x 6'6" - 7'0"H	0	8			
 1/4" x 1-7/8" Carriage Bolt	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	56	0	 Lift Handle	All Doors	2 or 4
	Double Car Doors 16'W x 6'6" - 7'0"H	80	0			
 Struts*	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	0	3**	 Pull Rope	All Doors	1
	Double Car Doors 16'W x 6'6" - 7'0"H	3**	3**			
 6' Long Diagonal Brace	Doors up to 10'0"W	0	0	Keyed Lock Kit (If included, parts are detailed in Lock instructions)	All Doors	0 or 1
	Doors 10'2" - 18'0"W	2	0			

*More struts may be required in high windload areas.

** (2) short and (1) long strut.

ADDITIONAL MATERIALS NEEDED (NOT INCLUDED)

* More struts may be required in high windload areas. (While not representative of any one model, the quantities below can be used as a guide. In some instances, extra screws/bolts are provided in the event of strip-out or loss of parts.)

MATERIALS NEEDED (NOT INCLUDED)

General

- | | |
|--|-------------------------------------|
| <input type="checkbox"/> (1) Can of Clopay® Pro-Lube | <input type="checkbox"/> Wood shims |
| <input type="checkbox"/> (24) 10d 3" common nails | <input type="checkbox"/> Wood block |
| <input type="checkbox"/> Stop molding | <input type="checkbox"/> Rope |

Rear Track Hanger Specific

- (1) Rear Track Hanger Kit or material to make track hanger
- 1-1/4" × 1-1/4" minimum 13 ga. (3/32") minimum thickness punched angle
- (10) 3/8" × 1" bolts and nuts
- (6) 5/16" × 1-1/2" lag screws

TOOLS NEEDED (NOT INCLUDED)

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> Work gloves | <input type="checkbox"/> Level | <input type="checkbox"/> Stepladder | <input type="checkbox"/> Wood saw |
| <input type="checkbox"/> Safety goggles | <input type="checkbox"/> Socket wrench set | <input type="checkbox"/> Sawhorses (with non-abrasive carpet or other soft material on top surface) or other supports for placing section on while assembling | <input type="checkbox"/> Angle square |
| <input type="checkbox"/> C-clamps or locking pliers | <input type="checkbox"/> 7/16" and 9/16" box wrenches | <input type="checkbox"/> Hacksaw | <input type="checkbox"/> Additional tools may be required for spring installation |
| <input type="checkbox"/> Hammer | <input type="checkbox"/> Drill, 1/4", 3/16" and 3/8" drill bits, 7/16" and 9/16" drive bits | | |
| <input type="checkbox"/> Flathead screwdriver | | | |
| <input type="checkbox"/> Measuring tape | | | |

STEP 5 - REMOVE THE EXISTING DOOR

Step 5-1: Remove Existing Door Springs

NOTE: Garage doors use springs to balance door weight. Springs are one of two types – extension or torsion. Each of these is available in either a standard or EZ-SET® assembly option.

- Use illustrations in STEP 4 to determine which springs existing door has. If existing door's spring type is not found, please consult spring manufacturer.

⚠ WARNING

Serious injury could result from an uncontrolled release of spring forces if spring tension has not been released before other work begins.

⚠ WARNING

To avoid pinch and other crushing injuries, keep hands and fingers clear of section joints, track and other door parts while door is opening and closing.

NOTE: Some large doors can weigh as much as 500 lbs. and single car doors as much as 200 lbs. when spring tension is removed.

Standard Torsion Springs:

⚠ WARNING

If present door uses standard torsion springs, DO NOT attempt to remove door or springs yourself. They should be removed by a qualified door service professional. Attempting to remove a torsion spring assembly without proper training and tools may result in an uncontrolled release of spring forces which can cause serious injury.

Standard Extension Springs:

⚠ WARNING

Extension adjustments or removal should only be made with door in up position. To avoid damage or serious injury from door falling, use two or more helpers to assist in lowering door.

- Raise door to full open position.
- Place C-clamps or locking pliers tightly on both sides of track under door so door is held securely in place (Fig. 5-A).
- With door fully open, most spring tension has been removed.
- Keeping C-clamps in place to keep door from falling, detach cable at both ends.
- Disassemble and remove springs and cable completely from door.

NOTE: Wood blocks should be placed underneath door when closing to prevent fingers from being trapped.

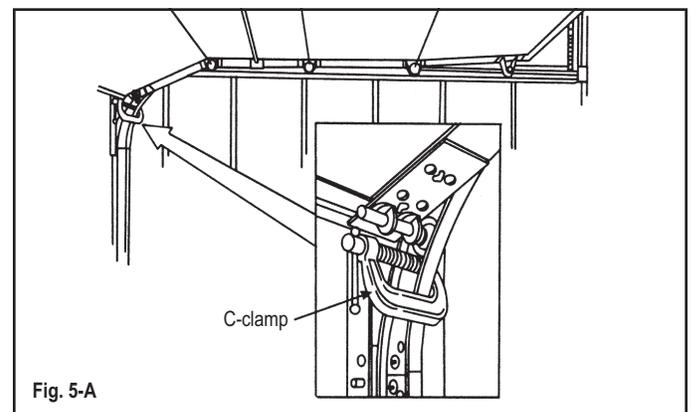


Fig. 5-A

STEP 5 - REMOVE THE EXISTING DOOR

- Remove C-clamps from track and carefully close door.
- Weight of door will not be apparent when you first begin to close door. Door will feel progressively heavier as it is lowered until its full weight is realized about one foot from floor.

EZ-SET® Extension Springs or EZ-SET® Torsion Springs:

⚠ WARNING

To avoid damage or serious injury, use two or more helpers to assist in lowering door. EZ-SET® torsion springs adjustments or removal should only be made with door in down position.

- With door in down position, position drill with 7/16" socket bit over winding unit.
- Using reverse (counter-clockwise) direction on drill, remove all tension from spring. Repeat for each side.
- After spring tension has been removed, detach lift cables at both ends.
- Disassemble and remove springs and cable completely from door.

Step 5-2: Remove Door Sections and Track

- After removal of door springs, door can now be disassembled.
- Starting with top section, remove hardware and unstack sections one at a time (Fig. 5-B).

- After all sections have been removed from opening, detach all remaining track and hardware from jambs.
- Hangers that attach rear ends of overhead track to ceiling (rear track hangers) in many cases can be reused on new door. Be sure they are made of 13 ga. (3/32") or heavier steel and are not loose or unstable.

⚠ WARNING

To avoid installation and operation problems from using worn, damaged or incompatible track, use only track specified and supplied with door. DO NOT attempt to reuse old track.

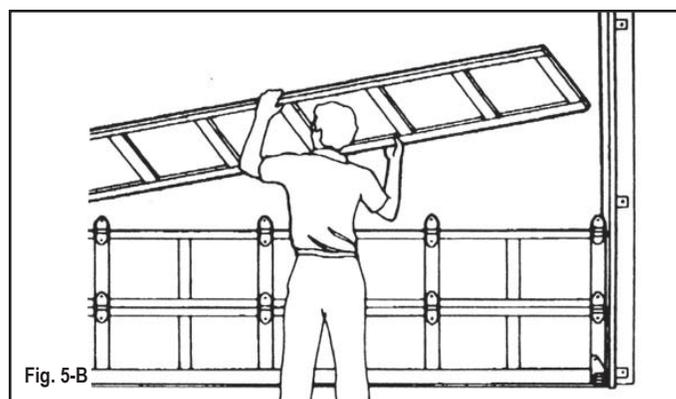


Fig. 5-B

STEP 6 - PREPARE THE OPENING

NOTE: Rough opening (framed opening without stop molding) = door size

Step 6-1: Framing

- If old door was removed, inspect jambs for rotted or damaged wood and replace immediately.
- Inside of door opening should be framed with 2" x 6" lumber.
- Vertical jamb should extend past opening (Fig. 6-A) to match headroom required (Table 3-A and TABLE 3-B).
- Jambs should be plumb and header should be level.
- Be sure bolts fastening jambs to wall are flush.

IMPORTANT: The Wood Anchor Pad is used to mount the torsion spring and has specific requirements for wood quality, species and attachment that must be met.

Step 6-2: Stop Molding

- Door stop molding should be temporarily but securely nailed to edges of jambs and flush with inside framing (Fig. 6-B).

NOTE: Stop molding with built-in weatherseal is offered.

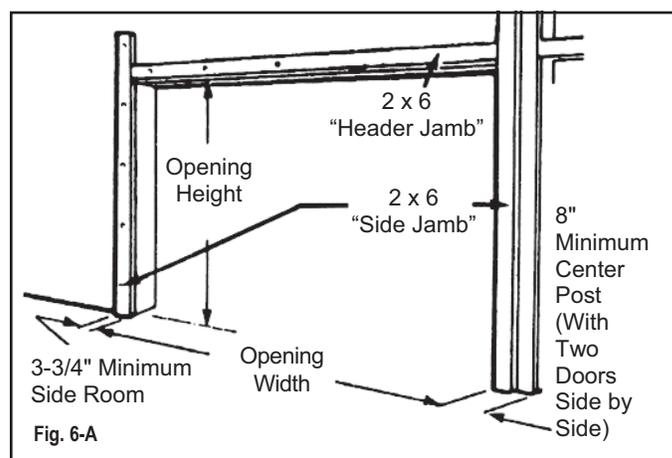


Fig. 6-A

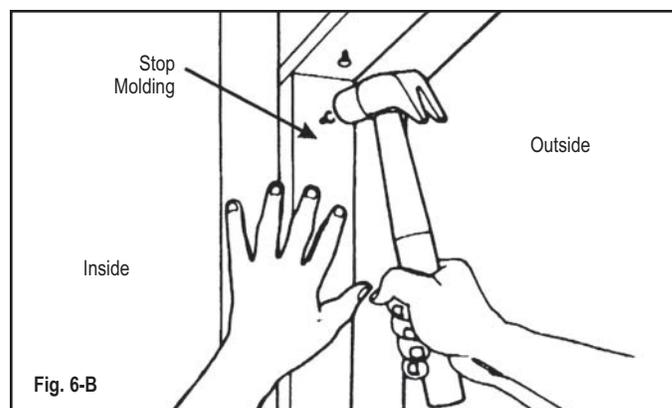


Fig. 6-B

STEP 7 - PREPARE THE FIRST (BOTTOM) SECTION

NOTE: Fig. 7-A illustrates common terms used in this manual.

Step 7-1: Preparing Bottom Door Section

- Spread hardware on garage floor in groups so you can easily find the new parts.

Step 7-2: Level Bottom Section in Opening

- Center bottom section in place against the doorstop molding. Be sure upper lip of the lap joint is up toward the inside (Fig. 7-B).
- If necessary, shim one side so section is level. It is critical that the bottom section of closed door must come to rest level, otherwise door will not work properly.
- If surface is uneven you can obtain a better fit by trimming bottom rail. Cut small block of wood about 2" wide by 3" long, the same thickness as largest space under leveled bottom section. Holding the pencil on block, slide block along floor to mark door. Block thickness cannot be more than 1". Cut along mark with a saw (Fig. 7-C).

NOTE: A level bottom section is critical to a well-fitting door. No more than 1 inch of material may be removed from the bottom of the section. If this is insufficient to achieve a level door, the floor must be leveled prior to installation.

Step 7-3: Place Section on Sawhorse.

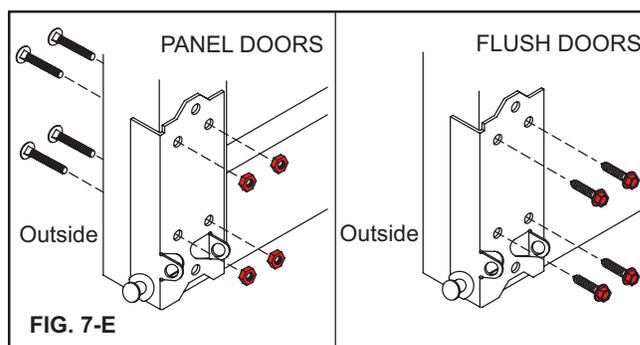
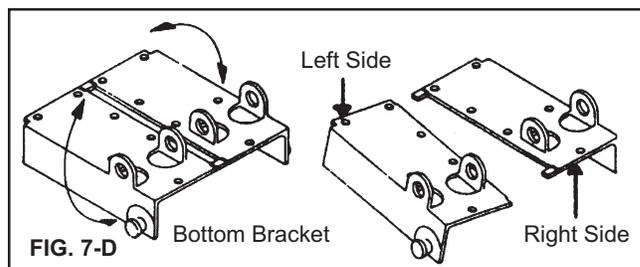
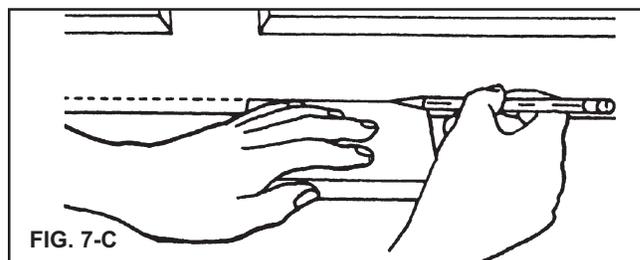
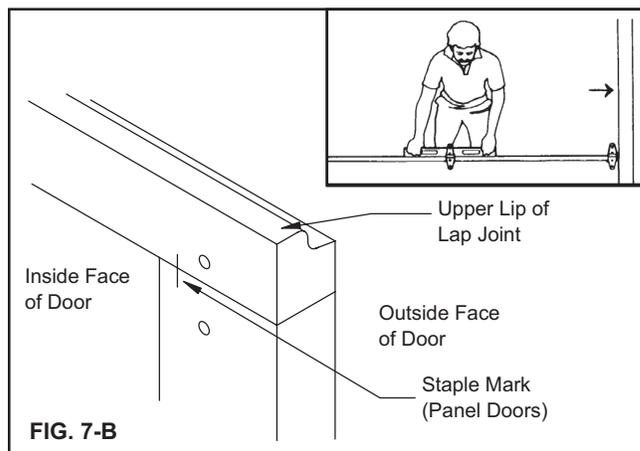
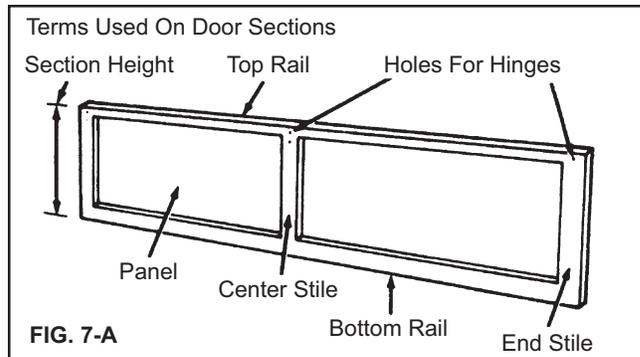
- Cover sawhorses with carpet or cloth as not to scratch section.
- Place section on sawhorses face down

NOTE: No more than 1 inch of material may be removed from the bottom of the section. If this is insufficient to achieve a level door, the floor must be leveled prior to installation.

Step 7-4: Attach Bottom Brackets

- By hand, bend to break apart bottom brackets as shown (Fig 7-D).
- For panel doors, predrill through bottom of section with a 1/4" drill bit using bracket as a template for hole locations. Use (4) 1/4" x 1-7/8" carriage bolts and (4) 1/4" red-coated hex nuts (panel doors) attach bottom brackets to each side of the bottom of the section (Fig 7-E).
- For flush doors, predrill pilot holes using a 3/16" drill bit using bracket as a template for hole locations. DO NOT drill completely through section. Use (4) 1/4" red-headed lag screws (flush doors) attach bottom brackets to each side of the bottom of the section (Fig 7-E).

NOTE: In order for the door to function correctly, both bottom brackets must be installed at the same vertical position on the bottom section. If you trimmed the bottom of your door so that it would sit level, install the first bracket on the side of the door from which the most material was removed. Then install the other bracket so that both brackets are the same distance from the top of the section.



STEP 7 - PREPARE THE FIRST (BOTTOM) SECTION

Step 7-5: Attach Hinges

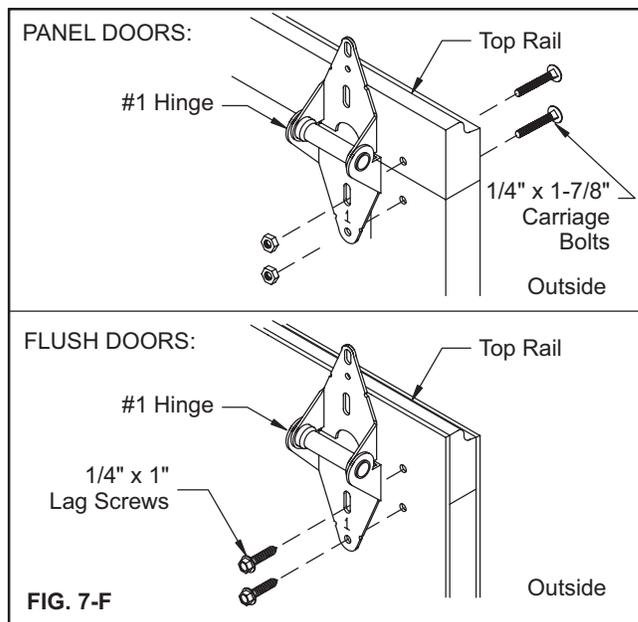
- Hinges are stamped with numbers 1, 2, 3, on the side of the hinge that attaches to the section. (Number 4 is stamped on 5-section door only.)
- Attach a #1 hinge to each stile using predrilled holes along the top edge of the section using $1/4" \times 1-7/8"$ carriage bolts and $1/4"$ hex nuts (panel doors) or $1/4" \times 1"$ lag screws (flush doors). (Fig. 7-F).

Step 7-6: Attach Struts

- If your door was supplied with struts, there are three total: one long and two short.
- Center a short strut about $1-1/2"$ from the bottom of section. Drill $3/16"$ pilot holes no more than $1"$ deep at each hole in strut. Install $1/4" \times 1"$ lag screws at these locations (Fig. 7-G).

Step 7-7: Install Bottom Weatherstrip

- Install the bottom weatherstrip (not included) according to instructions supplied with the weatherstrip.



STEP 8 – INSTALL LIFT HANDLE

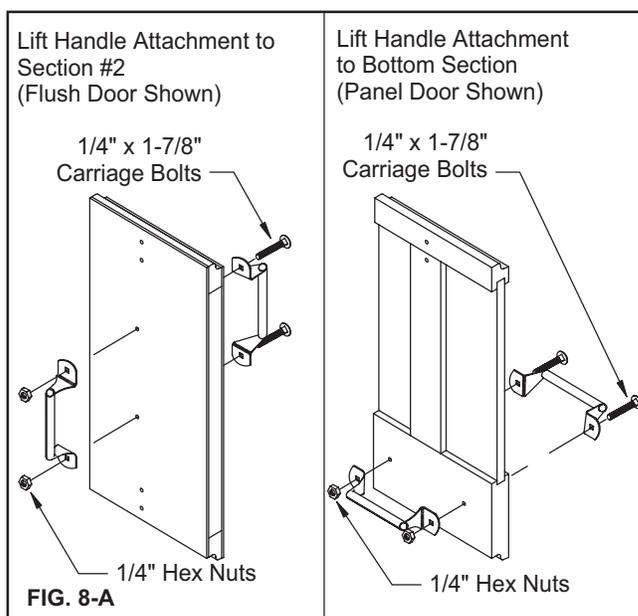
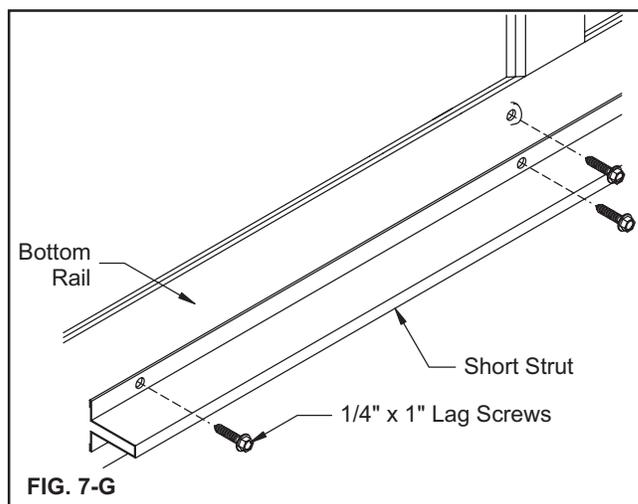
Step 8-1: Bottom (First) Section

- Position inside and outside lift handles in center of door on bottom rail of bottom section.
- Drill two pilot holes using $1/4"$ drill bit through wood using handles as a template.
- Fasten with two $1/4" \times 1-7/8"$ carriage bolts (Fig. 8-A).

Step 8-2: Second (Lock) Section

To be installed at completion of Step 9-4. Not required for door with outside keyed lock. Position inside and outside lift handles on center stile of second section.

- Drill two pilot holes using $1/4"$ drill bit through wood using handles as a template.
- Fasten with two $1/4" \times 1-7/8"$ carriage bolts (Fig. 8-A).



STEP 9 - INSTALL DOOR SECTIONS

Step 9-1: Place and Secure Bottom (First) Section

- Place bottom section in opening so it is against the stop molding and centered from side to side.
- Place a level on section and use a piece of wood under one end or other (if necessary) to make the section level (Fig. 9-A).
- Remove level and drive a 10d 3" nail into jambs at each end. Bend over edge of section to hold section in place (Fig. 9-B).

NOTE: These nails are all that will hold the door in place until all the tracks are secured to the back jambs. Be sure the nails hold the sections firmly in position.

Step 9-2: Determine Stacking Order for Remaining Sections

- Door sections are labeled on the inside upper left hand corner of the section (Fig. 9-H).
- All sections for each door have the same four digit identification number.
- Sections should be stacked in sequence, with #01 being the bottom section, the next section being #02 and so on.
- Use the Alignment Label, if applicable, between joining sections to ensure proper alignment of the door sections.

Step 9-3: Prepare Second (Lock) Section

NOTE: If door is predrilled for a lock, this section will be the one with holes in the center of panel face

- Place next section face down on sawhorses.
- Attach a #2 hinge to each end at the top edge using $1/4" \times 1-7/8"$ carriage bolts (panel doors) or $1/4" \times 1"$ lag screws (flush doors). Attach a #1 hinge to all other predrilled holes along top of the section (Fig. 9-C).

Step 9-4: Keyed Lock/Lift Handle Installation

- If you wish to install a keyed lock, begin lock installation now according to supplemental instructions included with lock hardware.
- If your door did not come with a keyed lock, install lift handles (Fig 8-A).

Step 9-5: Place and Secure Second (Lock) Section

- Place second section on top of first section.
- Drive a 10d 3" nail in jambs at each end. Bend over edge to hold section in place (Fig. 9-B).
- Attach hinges from the top of previous section to bottom of this section using $1/4" \times 1-7/8"$ carriage bolts (panel doors) or $1/4" \times 1"$ lag screws (flush doors).

Step 9-6: Prepare Third Section

- Place third section on sawhorses. The third section typically has the general safety label (Fig 9-D).
- Attach a #3 hinge to each end at the top edge using $1/4" \times 1-7/8"$ carriage bolts (panel doors) or $1/4" \times 1"$ lag screws (flush doors). Attach a #1 hinge to all other predrilled holes along top of the section (Fig. 9-E).
- If your door was supplied with struts, attach long strut as shown in illustration.
- Place bottom edge of strut 4" from bottom of section.
- Drill pilot holes no more than 1" deep at each hole in strut.
- Install $1/4" \times 1"$ lag screws at these locations (Fig. 9-E).

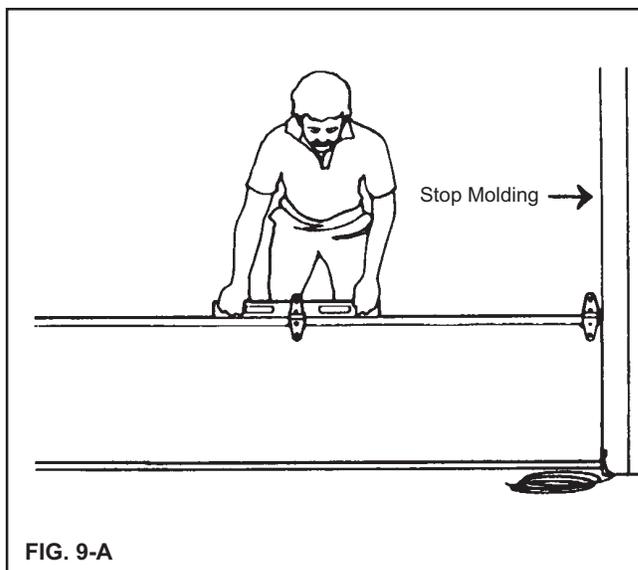


FIG. 9-A

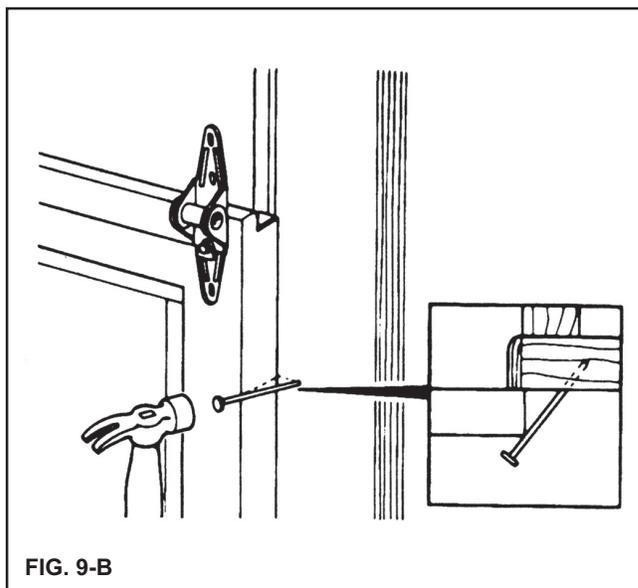


FIG. 9-B

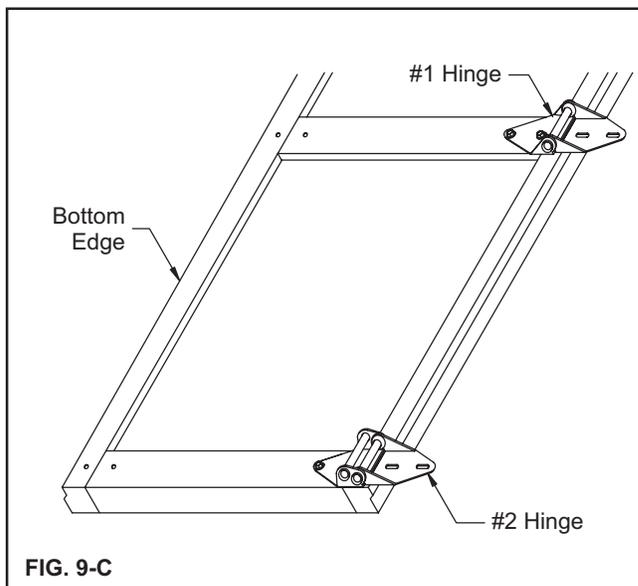


FIG. 9-C

STEP 9- INSTALLING DOOR SECTIONS (CONTINUED)

Step 9-7: Place and Secure Third Section

- Place third section on top of second section.
- Drive a 10d 3" nail in jambs at each end. Bend over edge to hold section in place (Fig. 9-B).
- Attach hinges from the top of previous section to bottom of this section using 1/4" x 1-7/8" carriage bolts (panel doors) or 1/4" x 1" lag screws (flush doors).

NOTE: If you have two sections left, repeat steps 9-6 and 9-7 using #4 hinges on the end of the top edge and #1 hinges at all other sites along the top edge.

Step 9-8: Prepare Last (Top) Section

- Place last section on sawhorses.
- Place top roller brackets at each end 2-1/2" down from top edge and 1/4" from the edge of section. Attach using 1/4" x 1-7/8" carriage bolts (panel doors) or 1/4" x 1" lag screws (flush doors).
- Attach a #1 hinge to all other predrilled holes along top of the section (Fig. 9-F).
- If your door was supplied with struts, attach last remaining short strut (Fig. 9-F).
- Center the strut with top edge 1" to 1-1/2" from the top of section.
- Drill pilot holes no more than 1" deep at each hole in strut.
- Install 1/4" x 1" lag screws at these locations (Fig. 9-F).

Step 9-9: Place and Secure Last (Top) Section

- Place last section on top of first section.
- Drive a 10d 3" nail in jambs at each end. Bend over edge to hold section in place (Fig. 9-B).
- Attach hinges from the top of previous section to bottom of this section using 1/4" x 1-7/8" carriage bolts (panel doors) or 1/4" x 1" lag screws (flush doors).

NOTE: If your door is to be used with an electric operator, you must reinforce the top section before placing it in the opening. Proceed to Step 10 prior to completing this step.

Step 9-10: Place Rollers

- Place a roller in top and bottom brackets and in tubes in each of the hinges at ends of each section. Some hinges have two tubes, in which case roller should be placed in tube that is farthest from face of door (Fig. 9-G).

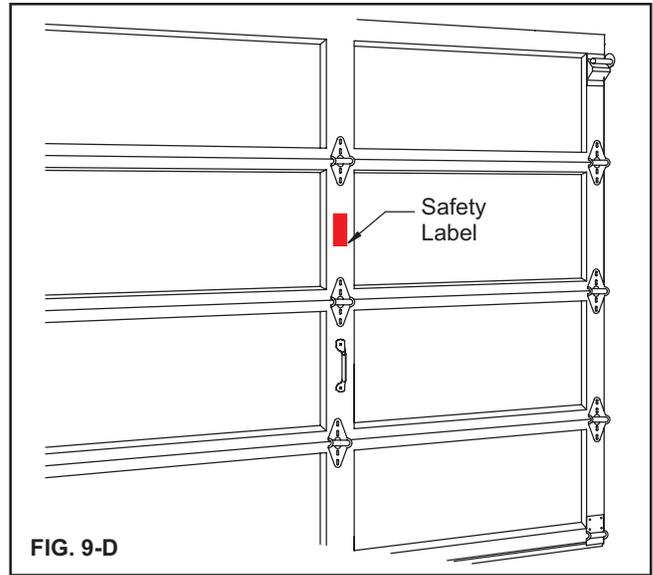
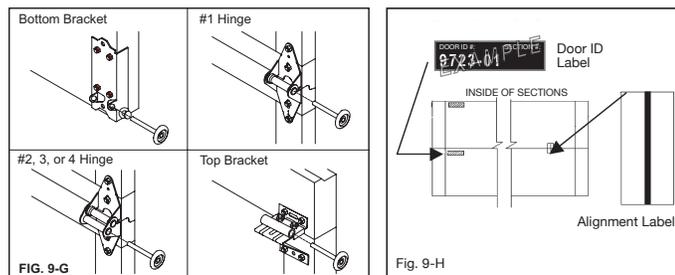


FIG. 9-D

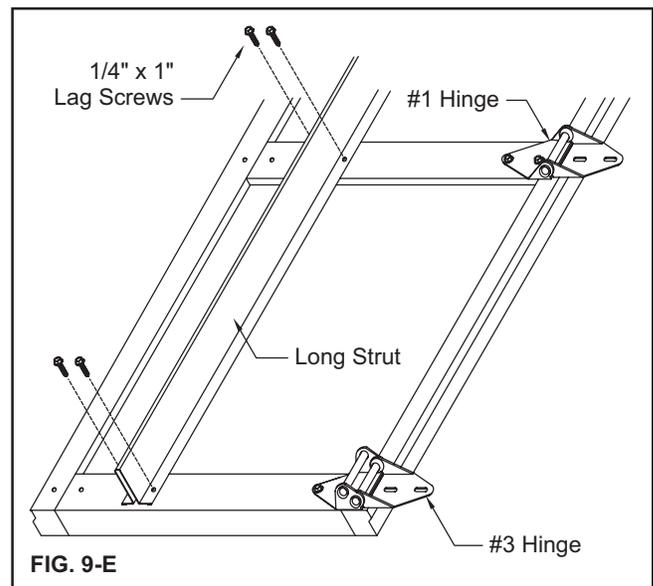


FIG. 9-E

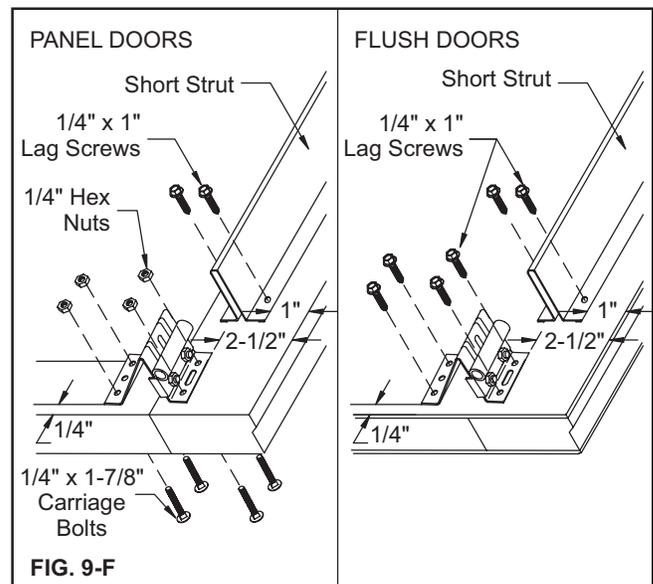


FIG. 9-F

STEP 10 – REINFORCE THE TOP SECTION FOR GARAGE DOOR OPENER

To avoid risk of strangulation or personal injury to children, you must remove the pull-down rope when you install an automatic garage door opener.

WARNING

DO NOT install the bracket supplied with opener. Failure to reinforce door, as illustrated, will void door warranty.

WARNING

To avoid risk of strangulation or personal injury, if door has a pull rope, you must remove pull rope when you install an automatic garage door opener.

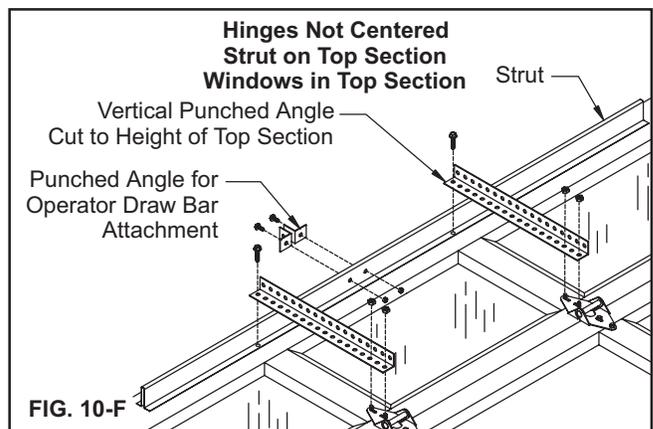
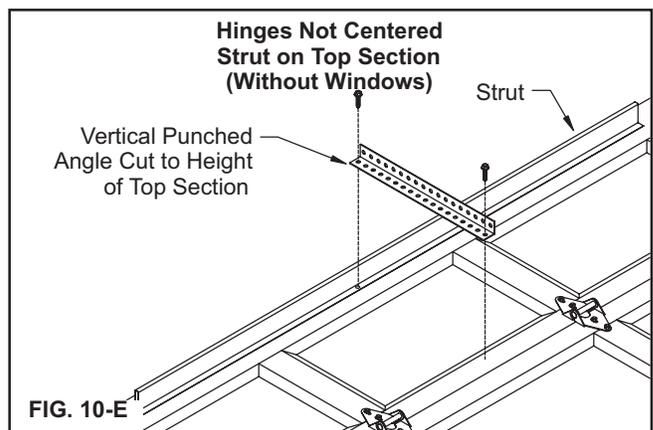
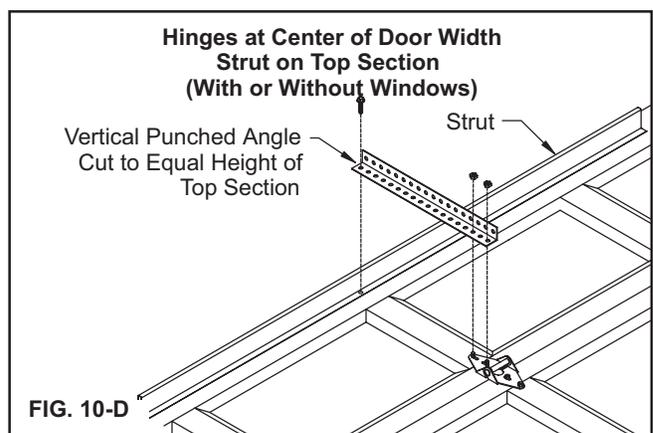
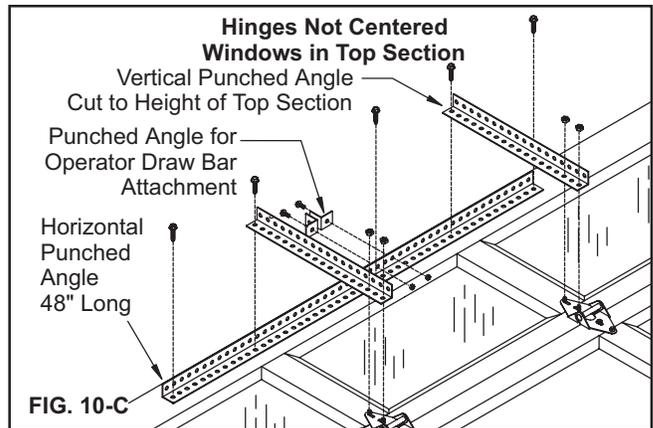
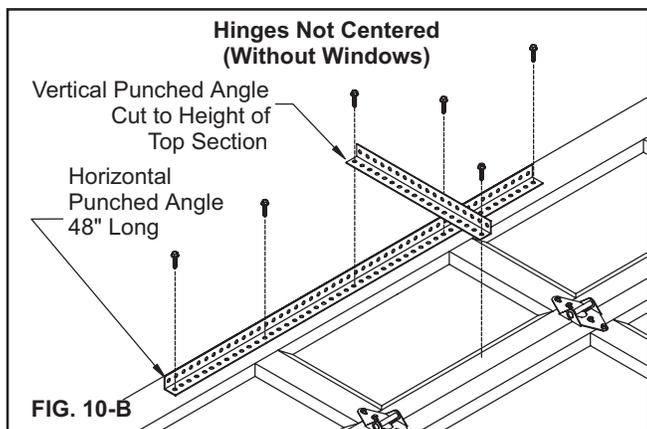
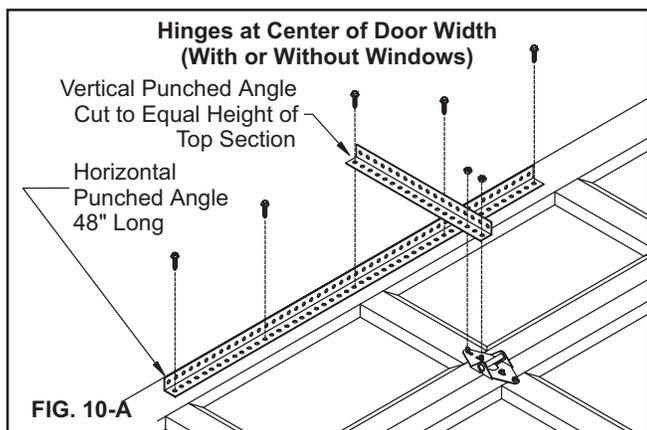
CAUTION

If you have installed a door lock, disable or remove at this time. Failure to do so may cause damage to the door and void the warranty.

Step 10-1: Reinforce Top Section

- You will need (1) or (3) pieces of 1-1/4" x 1-1/4" minimum punched angle at least 13 gauge or 3/32" thick. You will also need 6-8 1/4" x 1" lag screws.
- Determine how punched angle is to be affixed to your door size (Fig. 10-A through 10-F). Angle iron may need to be trimmed depending on door section height and distance between center stiles.

IMPORTANT: If attaching an operator bracket to the wood anchor pad, make sure the wood anchor pad is free of cracks and splits and is firmly attached to the wall. Always drill pilot holes before attaching lag screws.



STEP 11 – ASSEMBLE AND INSTALL THE TRACK

Before assembling brackets to vertical track be sure to read Step 11-1 and Step 11-2. Refer to Fig.11-C for placement of brackets on track.

NOTE: Brackets may already be riveted in place. If additional adjustment is required, the rivets can be drilled out and the brackets can be reattached with track bolts and flange nuts (available through the toll-free Consumer Services number, see outside cover).

WARNING

Failure to use the track provided with new door may cause installation problems or the door to fall which could result in serious injury or property damage.

WARNING

DO NOT attach any brackets directly to drywall. All track brackets, flag brackets and spring brackets should be attached directly only to wood bucks.

Step 11-1: Assemble Track Brackets to Vertical Track

- There are two sizes of track brackets for 7' tall doors and three sizes for 8' tall doors. Each bracket should be installed with flange facing flat side of track and flat side toward wall (Fig. 11-A).
- Loosely fasten horizontal slot of track brackets to vertical track using (1) 1/4" x 5/8" track bolt and (1) 1/4" flange nut. Head of bolt faces inside track. Brackets should be installed on vertical track as follows (Fig. 11-C):
- Shortest pair – 10" from bottom of track.
- Next longest pair – centered on track.
- For 8' tall doors – install remaining pair 10" from top of track.

Step 11-2: Assemble Flag Brackets to Vertical Track

- Determine proper holes in flag bracket for door thickness (Fig. 11-B).
- Loosely attach flag bracket to top of track with (2) 1/4" x 5/8" track bolts and 1/4" flange nuts. Head of bolts face inside track.

NOTE: If additional adjustment is required, horizontal slots in flag brackets can be used for attachment to vertical track.

Step 11-3: Place Vertical Track into Position

- Place track over rollers on door.
- Move track close to door so rollers are all the way into hinges leaving about 1/2" between edge of door and edge of track.

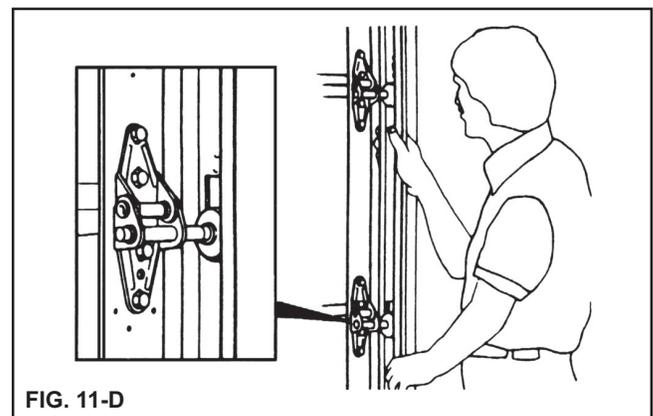
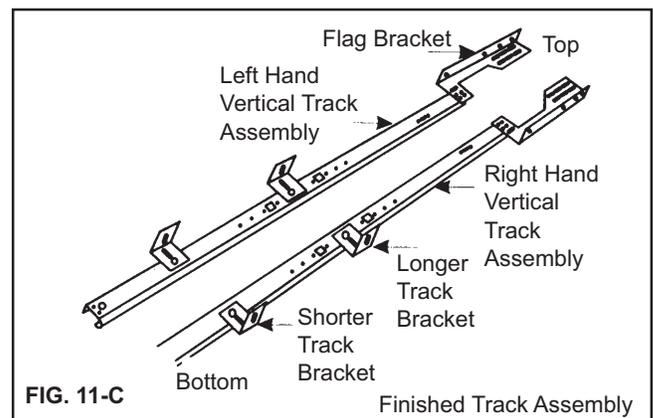
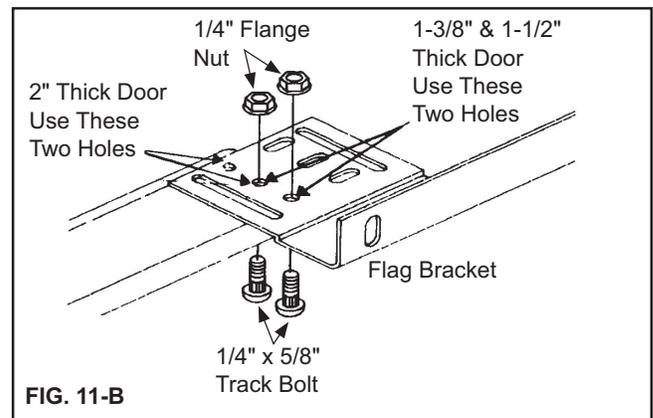
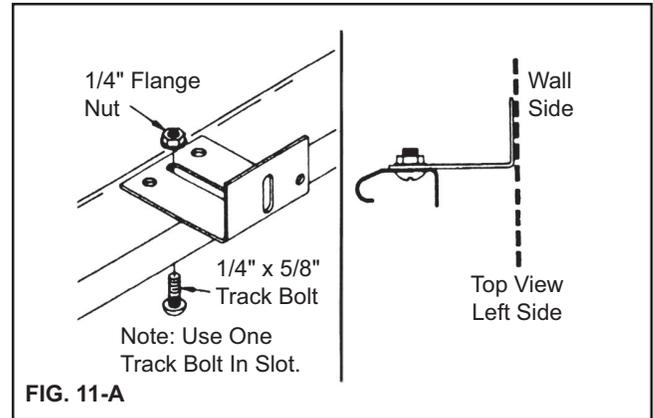
NOTE: Do not force track too tightly or door will bind.

- Lift track about 1/2" from floor and mark jamb for each lag screw position.

NOTE: Do not raise vertical track beyond bottom rollers on bottom section of door.

- Drill 3/16" pilot holes at each lag screw location. Fasten flag bracket to jamb using (3) 5/16" x 1-5/8" lag screws, one in each of top, middle and bottom holes. Repeat on opposite side.
- Once flag brackets are securely fastened to jamb, tighten track bolts and flange nuts connecting flag brackets to tracks (Fig. 11-D).

NOTE: The tops of vertical tracks must be level with each other. Check this by measuring from top of door sections to top of track on both sides. If they are not equal, cut material off bottom of one track to lower it or raise other track.



STEP 11 - ASSEMBLING AND INSTALLING THE TRACK (CONTINUED)

NOTE: Pressure-treated lumber purchased after January 2004 is treated with chemicals that have highly corrosive effects on metal fasteners. Fasteners provided with door are intended for use with standard lumber (not pressure-treated) only. If installing door into an opening framed with pressure-treated lumber, it is highly recommended that 5/16" × 1-5/8" lag screws with a minimum galvanization equivalent of G185 be purchased for this application.

Step 11-4: Assemble Flag Brackets to Vertical Track

NOTE: On some doors this angle may be 82" long and will require (3) additional fasteners per side. If angle has been preassembled, skip STEP 11-4 and proceed with STEP 11-5.

- Fasten horizontal angle to horizontal (curved) track using (2) 1/4" × 5/8" track bolts and (2) 1/4" flange nuts. Head of bolt faces inside track (Fig. 11-E).

Step 11-5: Support Rear End of Track

- Temporarily support rear end of track with a rope tied to trusses overhead in garage or resting on tall ladder (Fig. 11-F).

Step 11-6: Assemble Horizontal Track to Flag Bracket

- Place curved end of horizontal track over roller in top bracket.
- Attach track to flag bracket using (2) 1/4" × 5/8" track bolts and (2) 1/4" flange nuts. Head of bolt faces inside track.

NOTE: Horizontal and vertical track must join together to form a continuous channel for rollers.

- Attach end of horizontal angle to top of flag bracket with a 3/8" × 3/4" carriage bolt and 3/8" hex nut (Fig. 11-G).
- For 15" radius track use top set of slots.
- For 12" radius track use middle set of slots.
- For low headroom track use bottom set of slots.

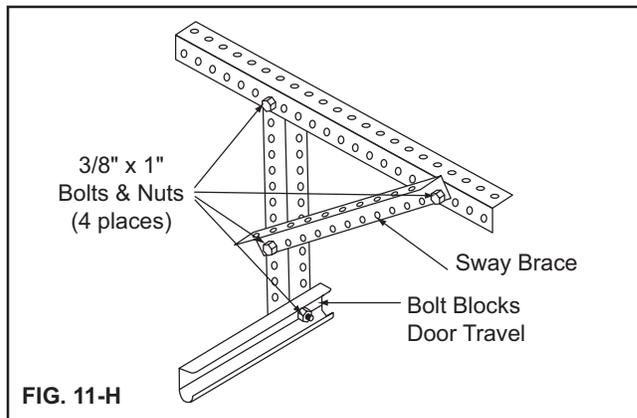
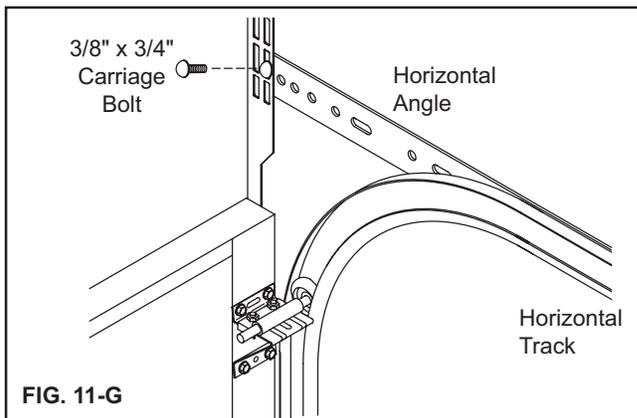
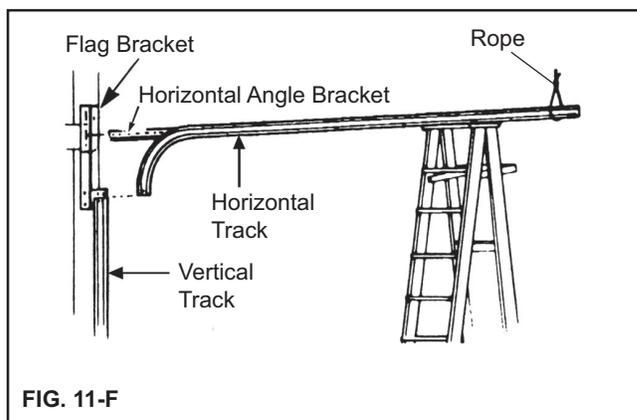
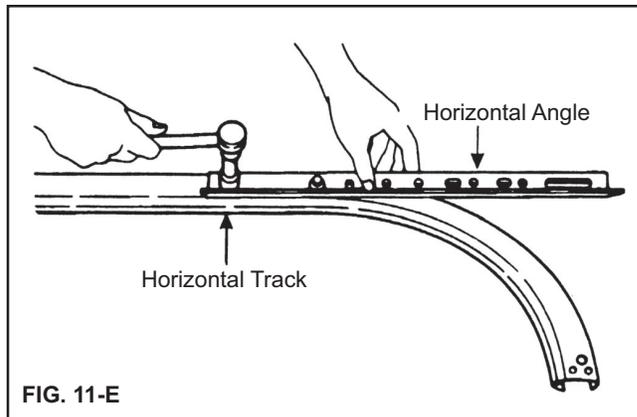
Step 11-7: Assemble Rear Track Hangers

NOTE: Rear track hangers are not provided with standard hardware and will need to be made at this time. They are used to attach rear horizontal track to ceiling joist and must be strong enough to hold full weight of door.

⚠ WARNING

Sway braces must be used to prevent tracks from spreading and allowing door to fall, which could cause serious injury. Bolts placed in end of each track (Fig. 11-H) must be at least 1" long to prevent top section from exiting track.

- Use 1-1/4" × 1-1/4" punched angle, at least 13 gauge or 3/32" steel to make two rear track hangers with sway braces (Fig. 11-H).
- Attach to track using at least 1" long bolts (Fig. 11-H).



STEP 11 - ASSEMBLING AND INSTALLING THE TRACK (CONTINUED)

Step 11-8: Placement of Rear Track Hangers

Placement of rear track hangers is critical for door to operate properly. They should not be mounted any farther than 6" from end of horizontal track and should hold horizontal track level and square to door.

- Squareness should be measured by comparing two diagonal distances (Fig. 11-I):
 - 1) From top left-hand corner of door to rear of right-hand horizontal track.
 - 2) From top right-hand corner of door to rear of left-hand horizontal track.
- Squareness distances should be within 1/2" of each other. Horizontal track can be out of level up to 1" from front jamb to rear track hanger (Fig. 11-I).
- With track square and level with opening, track hangers can be fastened permanently to ceiling trusses using (3) 5/16" × 1-1/2" lag screws. Drill 3/16" pilot holes before installing 5/16" lag screws.

⚠ WARNING

To prevent door from falling and causing serious injury, be sure rear track hangers are properly secured to trusses with adequate length screws.

Step 11-9: Adjust Top Section

- With track installed, top door section can now be properly adjusted.
- Loosen slide on top bracket and push top of door against stop molding or door jamb. Pull roller toward you so it is tight against the groove in track.
- Tighten slide bolts (Fig. 11-J).
- Remove all 10d 3" nails holding all sections in place.

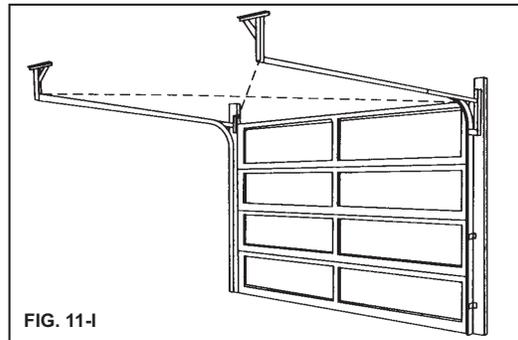


FIG. 11-I

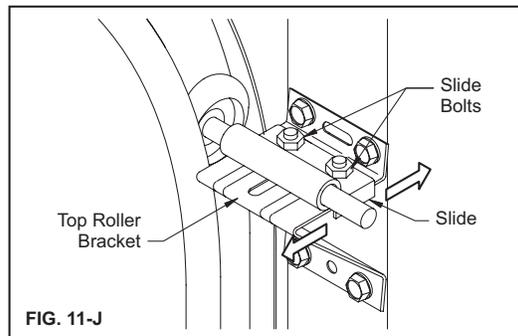


FIG. 11-J

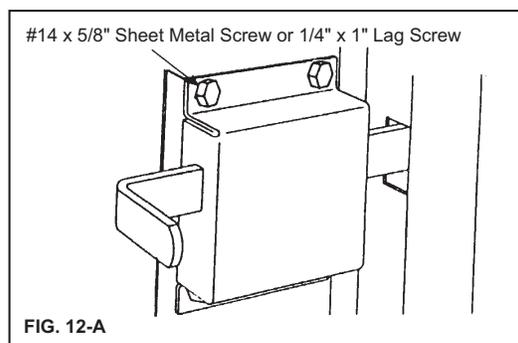


FIG. 12-A

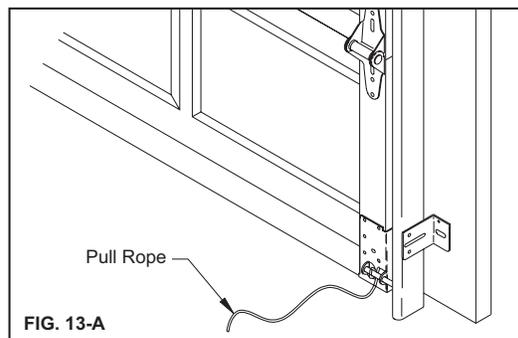


FIG. 13-A

STEP 12 – INSTALL LOCK (IF INCLUDED)

Step 12-1: Install Lock (If Included)

If a lock is included with door, follow appropriate instructions below.

Exterior Keyed Lock:

- If door has an exterior keyed lock, complete installation of lock at this time. Follow instructions provided with lock hardware.

Interior Slide Lock:

- Use track as a guide to achieve proper alignment.
- Position slide bolt against top of one of rectangular engaging slots in vertical track.

NOTE: It may be necessary to knock out slug in vertical track to open slot for lock engagement. Remove slug by striking with a hammer from outside of track.

- Install inside slide bolt on the end stile of second section. Use (4) #14 × 5/8" hex head sheet metal screws (steel doors) or (4) 1/4" × 1" lag screws (Fig. 12-A).

NOTE: 3/16" holes may need predrilled before installing screws.

STEP 13 – INSTALL PULL ROPE (MANUALLY OPERATED DOORS ONLY)

NOTE: Rope is only intended for use on manually operated doors. DO NOT install pull rope if using an automatic garage door opener.

Step 13-1: Pull Rope (Manually Operated Doors Only)

- Install the pull rope by attaching to roller shaft in bottom bracket of door (Fig. 13-A).

STEP 14 – SPRING INSTALLATION

Step 14-1: Spring Installation

- Proceed to springing instructions that came with spring hardware.

STEP 15 – ATTACH AUTOMATIC GARAGE DOOR OPENER

IMPORTANT: To avoid damage to door, you **MUST** reinforce top section of door in order to provide a mounting point for opener to be attached. Refer to STEP 10 – Reinforcing the Top Section. Failure to reinforce door as illustrated will void door warranty.

⚠ WARNING

To avoid risk of strangulation or personal injury, if door has a pull rope, you must remove pull rope when you install an automatic garage door opener.

⚠ CAUTION

If you have installed a door lock, disable or remove at this time. Failure to do so may cause damage to the door and void the warranty.

Step 15-1: Remove Pull Rope and Lock

- If installed, remove pull rope and locks (or unlock).

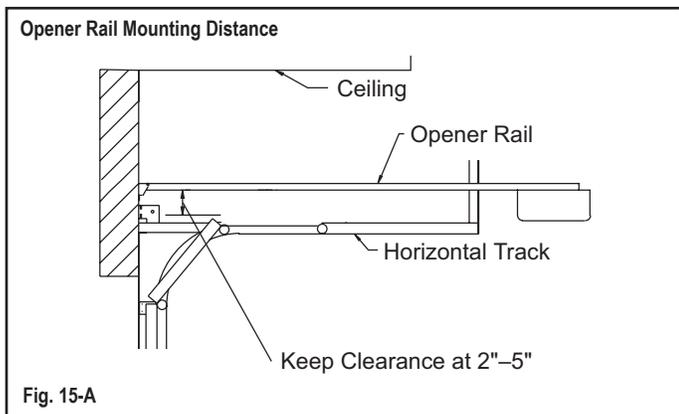
Step 15-2: Install Opener Head and Rail

IMPORTANT: When installing an automatic garage door operator, follow manufacturer's installation and safety instructions carefully.

- To prevent top of door from bending, opener rail should be mounted no less than 2" and no greater than 5" from face of door in open position (Fig. 15-A).
- Follow operator manufacturer's instructions.

Step 15-3: Attach Opener Arm to Door

- Attach opener arm to vertical reinforcement (Fig. 15-B through 15-D).
- Attachment should be roughly same height as top roller of door.
- When door is in down position, door should be at angle of approximately 60 degrees from vertical operator bracket (Fig. 15-B).



Doors with supplied reinforcement bracket and stile in center of door

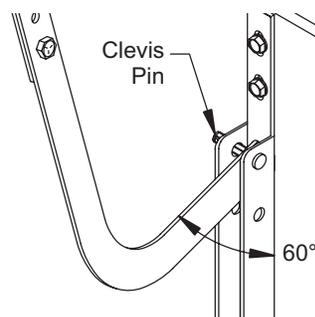
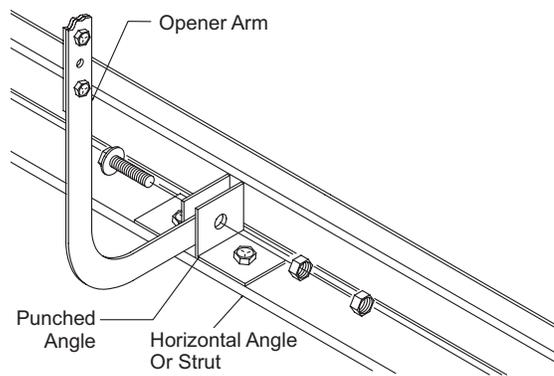


Fig. 15-B

Opener Arm Attachment to Horizontal Angle or Strut



Front View (Assembled)

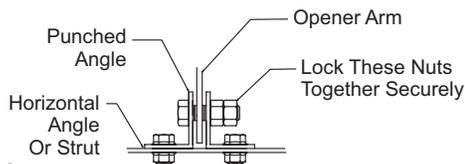
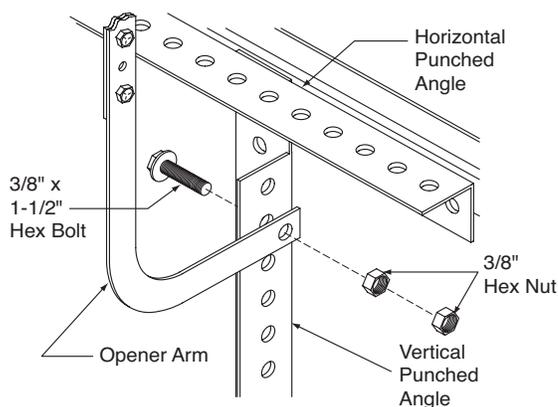


Fig. 15-C

Opener Arm Attachment to Vertical Angle



Top View (assembled)

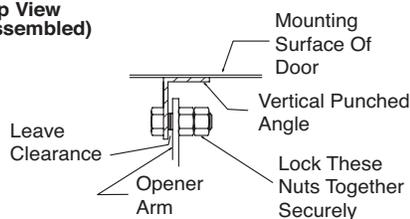


Fig. 15-D

CARE & MAINTENANCE

Your door will need regular inspection, lubrication and cleaning. The following checklists will help keep your door and its parts in good working order and help protect it from the elements.

WARNING

A sectional garage door is a large, heavy object that moves with the help of springs under high tension. Springs, bottom brackets, cables and associated hardware are under high tension and can cause death, serious injuries, or damage to the door if not properly handled. For your safety and the safety of others, follow these instructions:

- **DO NOT loosen or remove bottom bracket with the spring tension engaged.**
- **DO NOT operate door with a broken spring.**
- **DO NOT manually operate door if handles are not installed or functioning properly.**
- **DO NOT operate door if it is too difficult to move, opens too quickly, or the rollers come out of the track.**
- **DO NOT operate the door if glass or interior window retainer appears to be loose, cracked, or warped. DO NOT remove screws on inside retainer.**
- **For assistance with these maintenance steps, repair or replacement of any parts, please contact your professional installing Clopay Dealer: <https://www.clopaydoor.com/where-to-buy>**

VISUAL INSPECTION CHECKLIST

Monthly inspection of the door and all of its components is recommended. If something seems out of balance or adjustment, or you note any of the following, please contact your Clopay Dealer or Clopay Consumer Services at 800-225-6729.

Visually inspect the door when in the down position for:

- Loose or bent hinges.
- Broken wheels, bent shafts or worn out bearings on rollers.
- Loose or missing bolts, screws or other fasteners on the door or track.
- Creases or bends in the track.
- Cracking or fatigue of the door panels.
- Damaged or broken springs or spring components. If the spring looks broken it will need replaced.
- Standard extension springs that run alongside the door should include a safety containment cable. For a visual of the safety containment cable, scan the QR code to the right.
- Worn or frayed cables.
- Loose, cracked or warped glass panels or inside glass retainers. Inside the door, the plastic retainer holding the glass and its fasteners should appear secure.
- Tears or gaps in the bottom weather seal or perimeter seal.
- Any covered, ripped, damaged or missing warning labels.
- Any missing, broken, loose or malfunctioning door handles. There should be two lifting points on the outside and two on the inside of the garage door.



To download a visual of the safety containment cable visit:
http://clopaypdfs.com/pdf_files/SUP-0137180_EN.pdf

DOOR OPERATION CHECKLIST

We recommend that at least twice per year after you have visually inspected the door and all of its components.



For a how-to video to inspect the door visit:
<https://vimeo.com/106430735>

Check the balance of the door.

1. With the door in the down position, detach the opener (if applicable) by pulling down on the red manual release handle.
2. Next lift the door manually up to the halfway point and gently release the door. A balanced door should hang in place and not raise or lower. If the door does not stay in place contact your Clopay Dealer for adjustment.

Check the door operation.

1. Once you have determined your door is in balance, lift the door up and down to ensure smooth operation. The door should be easily controlled when lifting and lowering.

NOTE: Be sure to reattach the opener once you confirm the door is operating properly.

Safety feature for doors with automatic operators.

1. Make sure that the operator has a working safety feature. Photo eyes should be mounted to the left and right sides of the bottom of the door opening.
2. Make sure any door locks are disabled or removed if the door has an automatic operator.
3. Retest following opener manufacturer's instructions.

LUBRICATE THE DOOR

At least twice per year lubricate all moving parts of the door with Clopay Garage Door Pro Lube or a synthetic lubricant:

- Lift cables at bottom bracket button
- Lock hardware where surfaces turn or slide
- Full length of torsion spring to reduce friction between coils
- Rollers at the bearing (but not the tire)
- Hinges

CARE & MAINTENANCE

FINISHING THE DOOR

Wood Doors can be ordered with Factory Paint, Stain, Primed or Unfinished. If your door is not finished, you will need to finish the door sections with either paint or stain prior to installing the door.

CAUTION

Wood products require additional care when storing and finishing. In order to ensure that all door surfaces are properly finished, it is required that the door sections are finished prior to installation. Failure to follow these instructions may result in voiding the warranty of your door.

- Wood doors can absorb moisture during shipping and storage. Do not leave or store unfinished doors outside or in humid environments.
- DO not finish under humid conditions.
- All door section surfaces, including the sides, back, bottom, face and joints, must be finished.

NOTE: Differences in grain and color variations are indicative of natural wood and are not considered product defects. Some variations in stain penetration may occur between materials from which the door is constructed (i.e. plywood panel vs. wood frame).

PAINTING THE DOOR

Surface Preparation

1. Caulking:
 - Prior to painting you must first fill any gaps or voids within wood surfaces with a caulking compound that can be painted. **Do not use silicone as it cannot be painted.**
 - Caulk must be applied to the spaces between the rails or stiles and all 4 sides of the door panel at all panel perimeters (Fig. 1).
2. Cleaning:
 - Clean all door surfaces with a stiff bristle brush to remove surface dirt, dust and loose fibers.

NOTE: Light sanding may be required to ensure the surface is properly prepped to accept all finishes.

PRIMING THE DOOR

Before finish painting, the door section must be primed on all sides using a high quality oil or latex based exterior primer. Carefully follow the manufacturer's instructions, including recommendations for temperature and drying time.

NOTE: If your door is Factory Primed, it will have a light green finish and you can proceed to "Finish Painting" using a latex based paint.

NOTE: If you are painting a redwood or cedar door, the primer must contain a tannin blocker. Using a primer without tannin blocker could result in discoloration of the door after painting.

FINISH PAINTING

Finish paint all door section surfaces using a quality oil or latex based

exterior paint based on the type of primer used. For Factory Primed doors, you must use a latex based finish. Carefully follow all manufacturer's application instructions, including recommendations on temperature and drying time. A second top coat is recommended for optimum protection.

STAINING THE DOOR

NOTE: The following door models cannot be stained: Model 10 any model ending in "G" or "P". If your door is one of these models, refer to the painting instructions previous page.

Surface Preparation

1. Cleaning:
 - Clean all door surfaces with a stiff bristle brush to remove surface dirt, dust and loose fibers.

NOTE: Light sanding may be required to ensure the surface is properly prepped to accept all finishes.

Staining The Door

- Select a quality exterior oil-based penetrating stain (transparent, semi-transparent or solid) that is mildew resistant, UV resistant and water repellent. Do NOT use non-breathable, film-forming finishes such as varnishes or urethanes which do not penetrate the wood.
 - Clopay recommends PPG ProLuxe™ Cetol® Wood Finishes, specifically Cetol® 1 and Cetol® 23 Plus. One coat of Cetol® 1 and two coats Cetol® 23 Plus. Allow 24 hours minimum drying time between coats.

CAUTION

Selection of an improper stain or finish may result in voiding the warranty of your door.

- Apply stain to all door section surfaces per stain manufacturer's instructions, including recommendations on temperature and drying time.

CARE & MAINTENANCE

Caulking

After staining the door, fill any gaps or voids within wood surfaces with a clear silicone caulk.

- Caulk must be applied to the spaces between the rails or stiles and all 4 sides of the door panel at all panel perimeters (Fig. 1).

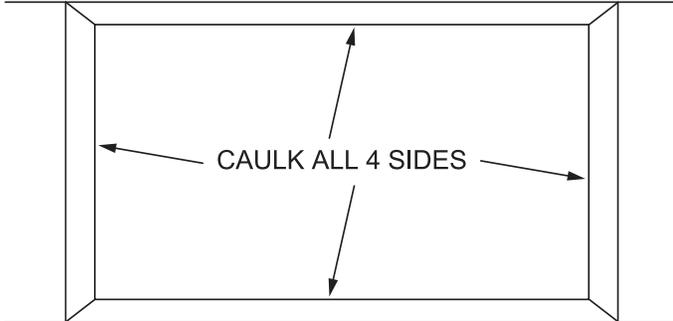


Fig. 1

- Use masking tape to avoid an uneven caulk line that could affect the appearance of the door. Prior to caulking, apply masking tape to both the panel and the stile or rail along the entire joint leaving a gap of 1/8". Then fill the gap along the joint with a bead of caulk, smoothing with a finger. Remove the tape (Fig. 2).

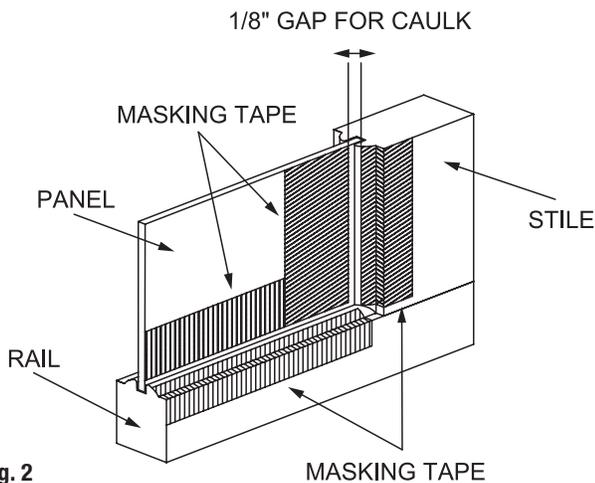


Fig. 2

MAINTAINING YOUR DOOR'S FINISH

Regular maintenance of your wood garage door will help protect it from the environment and ensure longevity. The two major contributing factors to the breakdown of the door's finish are sun and moisture.

CAUTION

The following instructions are required to maintain the warranty of the door.

- Annually examine your door for any signs of paint finish cracking or peeling, or for any cracks in the wood door section.
- For painted doors, we recommend that it be repainted every 1–2 years to help protect or seal the door against the elements.
- For stained doors, reapply stain as needed per the stain manufacturer's recommendations. In general, the clearer the stain, the more it will need to be reapplied.

LIMITED WARRANTY

WOOD GARAGE DOORS

Subject to the terms of this Limited Warranty ("Warranty") and any warranty policies and procedures in effect at the time a notice of a claim is received, Clopay Building Products ("Clopay", "we", or "our") will repair or replace (at our sole discretion) any garage door sections/section components, hardware, or springs/spring components (collectively, "Replacement Parts") that we determine to be defective in material or workmanship so long as timely written notice is provided within the applicable limited warranty periods provided below. This Warranty shall apply and benefit only the original purchase of a Clopay garage door product and is non-transferable, and does not apply to decorative hardware or to any commercial, industrial or other non-residential application/installation.

The warranty period begins from the date of delivery or installation, up to a maximum of one (1) year from the date of purchase. Proof of purchase is required. Once we have verified any defect(s) with your product through persons authorized by Clopay, we will provide – at no cost to you – Replacement Parts to the extent necessary to repair or replace any such defective sections, hardware, or springs/spring components. We reserve the right to inspect and/or verify any claimed defect, as well as the right to replace product(s) with a similar or like product, all within the sole discretion of Clopay. All labor costs associated with any warranty claim (including removal, reinstallation, installation, and/or finishing) will be your responsibility.

The applicable Warranty periods are as follows:

MODEL NUMBER	FACTORY PAINT	FACTORY STAIN	SECTIONS/ DELAMINATION	HARDWARE/ SPRINGS
10, 20, 33, 44 RC, RH, RR, CC, CH, CR	1 Year	2 Years	1 Year	1 Year
CR800, CRD, MRD			5 Years	5 Years

Terms and limitations of the limited warranty are further detailed below:

ADDITIONAL INFORMATION REGARDING YOUR WARRANTY

Clopay warrants the sections of the Models listed above against the paint finish cracking, checking or peeling (i.e. losing adhesion). We warrant our rust prevention system against rust through perforation(s) caused by corrosion originating at the steel layer. Failure to properly clean and maintain your door (particularly in, but not limited to, high-salt or acidic environments) or damage to the door such as scratching, may result in surface rust, a coating that forms on the surface when exposed to moisture, which – if left untreated – may result in loss of warranty coverage. Surface rust is not covered under this warranty. For more information about our rust prevention system and how to care for your door visit: info.garagedoors.com/maintenance.

Insulated windows are warranted for ten (10) years for material obstruction of vision resulting from film formation or dust or moisture collection between the interior surface of the insulating glass. No warranty is available for single pane glass. No warranty is available for decorative hardware.

EXCLUSIONS TO COVERAGE

This warranty shall not extend to damages or defects caused by any of the following:

Paint or Stain Not Applied per Manufacturer Specifications after Delivery of Door	Failure to Follow All Installation Instructions	Failure to Follow Maintenance Instructions	Faulty or Defective Installation(s)
Fire	Radiation (UV or Other)	Foreign Substances	Accident or Casualty
Harmful Fumes	Vandalism	Act(s) of God	Physical Damage
Salt Spray or Exposure	Normal Wear and Tear	Chemical Action	Abrasive Materials
Operation Beyond Rated Capacity	Improper Use or Abuse	Improper Installation or Handling	Exposure to Coastal Weather Conditions
Alteration, Modification or Use of Non-OEM/ Clopay-Approved Parts or Products	Other Painted Parts Not Part of a Door Section (such as stop mold)	Normal Fading or Discoloration from Usage, Age or UV Exposure	Thermal bow as described in DASMA Technical Data Sheet 185 www.dasma.com

If you make any repair or alteration without first providing notice to and receiving authorization from us, or use any parts, accessories, or attachments other than authorized by Clopay for use in its products, you will be solely responsible for any such repairs or parts and you may void this Warranty. Routine maintenance and related items, as well as minor adjustments or damage caused by your installer either during delivery or installation, are excluded from this Warranty. For purposes of this Warranty, minor scratches will not be considered a defect.

If you would like to submit a Warranty claim, notify Clopay Customer Service promptly after discovery of the defect by sending an email to BPCwarranty@clopay.com or calling 800-225-6729. Please be prepared to send us a proof of purchase and complete description with photographs of any issues. YOU MUST REPORT ANY MANUFACTURING DEFECTS THAT ARE IMMEDIATELY OBVIOUS OR VISIBLE AT THE TIME OF INSTALLATION (SUCH AS INCORRECT OR INCONSISTENT PAINT COLOR, MANUFACTURING DEFECTS (E.G. SURFACE CONTAMINANT(S) OR SMUDGES), VISIBLE PHYSICAL DAMAGE, OR MAJOR SCRATCHES) WITHIN FORTY FIVE (45) DAYS FROM DELIVERY OR YOUR CLAIM MAY BE BARRED. Additional copies of our installation and maintenance instructions may be obtained by calling 800-225-6729.

UNDER NO CIRCUMSTANCES SHALL WE BE LIABLE FOR ANY CONSEQUENTIAL OR SPECIAL DAMAGES WHICH ANY PERSON OR ENTITY MAY INCUR OR CLAIM TO INCUR AS A RESULT OF ANY DEFECT IN THE PRODUCT OR IN ANY CORRECTION OR ALTERATION THEREOF MADE OR FURNISHED BY US OR OTHERS. OUR MAXIMUM LIABILITY UNDER THIS WARRANTY SHALL BE THE PURCHASE PRICE PAID TO US WITH RESPECT TO THE GARAGE DOOR TO WHICH SUCH WARRANTY IS CLAIMED. THE LIMITATION OF LIABILITY PROVISIONS HEREIN SHALL APPLY TO ANY AND ALL CLAIMS OR SUITS BROUGHT AGAINST US, INCLUDING ANY CLAIM BASED UPON NEGLIGENCE, BREACH OF CONTRACT, BREACH OF WARRANTY, STRICT LIABILITY OR ANY OTHER THEORIES UPON WHICH LIABILITY MAY BE ASSERTED AGAINST US.

This warranty constitutes our entire and exclusive warranty as to the Replacement Parts and is the sole and exclusive remedy for product defects in material and workmanship. We do not assume (and have not authorized any other person to assume on its behalf) any other warranty or liability in connection with any product covered by this warranty. WE MAKE NO OTHER WARRANTIES, REPRESENTATIONS OR COVENANTS, EXPRESS OR IMPLIED, WITH RESPECT TO THIS PRODUCT, INCLUDING BUT NOT LIMITED TO WARRANTIES, REPRESENTATIONS OR COVENANTS AS TO WORKMANSHIP, DESIGN, CAPACITY, QUALITY, CONDITION, MERCHANTABILITY OR FITNESS FOR ANY PURPOSE OF THE PRODUCT, EXCEPT FOR ANY "IMPLIED WARRANTY" AS THAT TERM IS DEFINED IN THE MAGNUSON-MOSS WARRANTY-FEDERAL TRADE COMMISSION IMPROVEMENT ACT, SUCH IMPLIED WARRANTIES TO BE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.



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