

# -ATTACHING AN AUTOMATIC OPENER- SUPPLEMENTAL INSTRUCTIONS

(For use with Steel Sandwich Residential Doors)

**Clopay**<sup>®</sup>  
CORPORATION

These supplemental instructions are to be used in conjunction with the installation manual associated with the Clopay<sup>®</sup> garage door being installed. Installers are also required to follow all instructions and heed warnings contained in the associated installation manual.

## THINGS TO KNOW BEFORE YOU BEGIN

Read the instructions completely before starting the installation of the automatic opener. Becoming familiar with the components before attaching the automatic opener to the door will reduce the installation time.

### **⚠ WARNING**

*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.*

**IMPORTANT:** When installing an automatic garage door operator, make sure to follow the manufacturer's installation and safety instructions carefully. **Remove the pull down rope and unlock or remove the lock.** If attaching an operator bracket to the wooden 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.

To avoid damage to your door, you must reinforce the top section of the door in order to provide a mounting point for the opener to be attached. **Failure to reinforce the door as illustrated in these instructions will void your garage door warranty.**

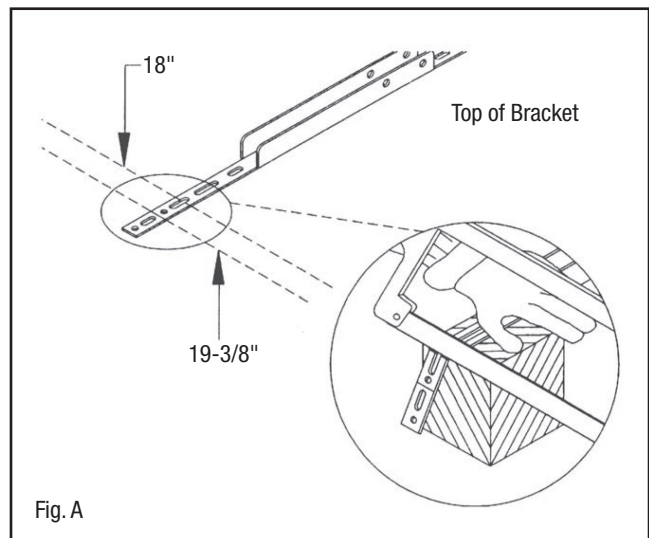
## DETERMINE OPERATOR REINFORCEMENT BRACKET SIZE

### STEP 1: MEASURE AND CUT DOWN AS NEEDED

Measure the height of the top section. It will measure either 18", 19-3/8", 21" or 24".

For 18" and 19-3/8" door sections, the operator reinforcement bracket must be cut down to size using a hacksaw as shown in Fig. A.

Wear protective gloves while cutting the bracket and watch for sharp edges. Using a file, smooth the cut edge of the bracket.



## ATTACH OPERATOR REINFORCEMENT BRACKET

### STEP 2: MEASURE DOOR WIDTH AND ATTACH

The operator reinforcement bracket fastens to the reinforcing plates which are built into the door and not visible. These plates will be located directly under the surface of the prepunched holes. Proper attachment requires the use of #14 x 5/8" sheet metal screws and at least two (2) reinforcing plates.

**IMPORTANT:** Use only the prepunched holes for reinforcement of the top section. Improper fastener location may result in damage to the door or operator.

Install the operator reinforcement bracket following the illustration that corresponds to the specific door width range as illustrated in Fig. B through Fig. E.

Install horizontal angle using the center bracket provided with the operator, or cut two (2) 1" pieces of punched angle, and mount on horizontal angle Fig. C and Fig. D.

**NOTE:** The horizontal angle is attached with #14 x 5/8" sheet metal screws at the reinforcement back-up plate locations.

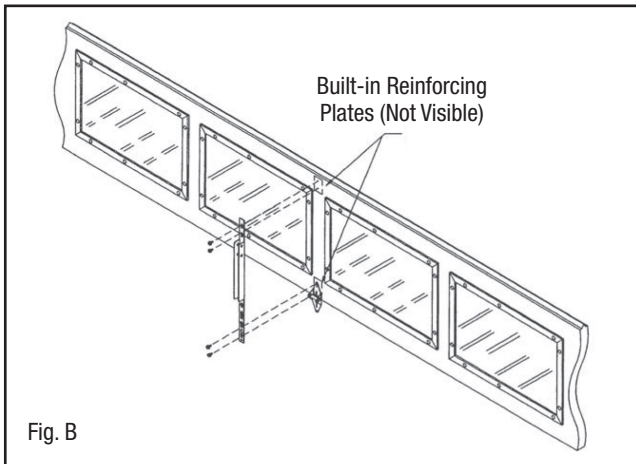


Fig. B

### 8' – 9'10" WIDE DOORS SOLID (WITHOUT WINDOWS) OR WITH WINDOWS

- No horizontal angles required
- One (1) operator reinforcement bracket

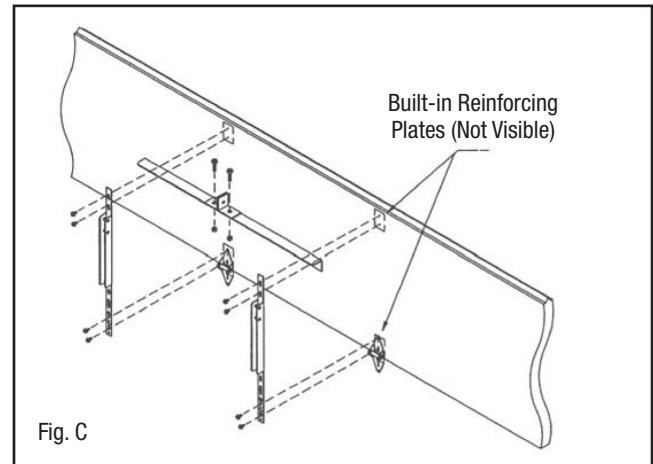


Fig. C

### 10' – 11'10" AND 14' – 15' WIDE DOORS SOLID (WITHOUT WINDOWS) OR WITH WINDOWS

- One (1) 28" long horizontal angle plus center bracket required
- Two (2) operator reinforcement brackets required

### 12' – 13'10" WIDE DOORS SOLID (WITHOUT WINDOWS) OR WITH WINDOWS

- One (1) 56-1/2" long horizontal angle required
- Two (2) operator reinforcement brackets required

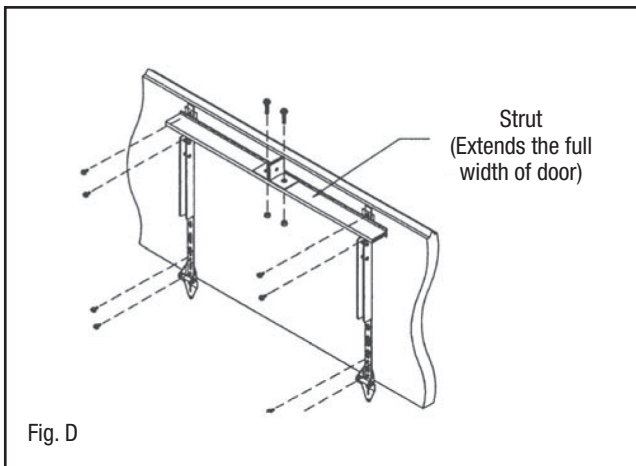


Fig. D

### 15'2" – 15'10" WIDE DOORS – STRUT SUPPLIED SOLID (WITHOUT WINDOWS) OR WITH WINDOWS

- One (1) center bracket required on strut
- Two (2) operator reinforcement brackets required

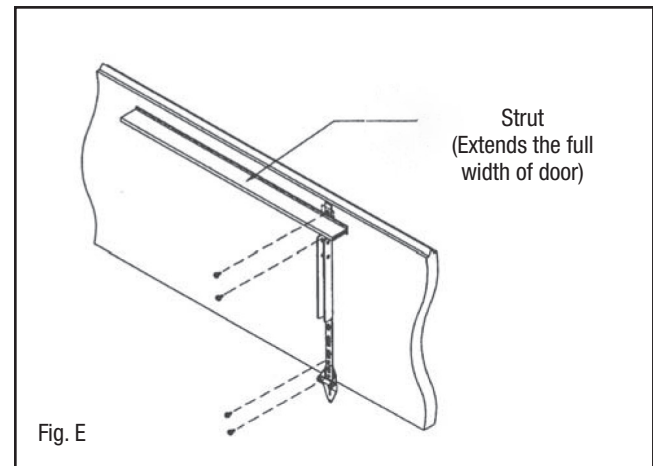


Fig. E

### 16' – 18'10" WIDE DOORS – STRUT SUPPLIED SOLID (WITHOUT WINDOWS) OR WITH WINDOWS

- One (1) operator reinforcement bracket required

## ATTACH OPENER ARM

### STEP 3: DETERMINE SPRING TYPE, BRACKET TYPE AND ATTACH

**NOTE:** For extension spring doors with openers, the opener arm **must** attach to the bracket in the center of the door.

**NOTE:** The opener arm should be attached roughly at the same height as the top rollers of the door. This is about 3" to 5" from the top of the door.

## TORSION SPRING DOORS

### ATTACH TO OPERATOR REINFORCEMENT BRACKET

Attach opener arm to one of the operator reinforcement brackets by sliding the clevis pin through either hole A or B, then through the hole on the opener arm and finally through the opposite hole A or B. Once the clevis pin is completely through, insert the cotter ring at the end of the clevis pin as illustrated in Fig. F.

It may be necessary to mount the operator off-center of door to align with operator reinforcement bracket.

### ATTACH TO HORIZONTAL ANGLE

Attach opener arm to the center bracket on the horizontal angle by sliding the clevis pin through the center bracket hole, then through the hole on the opener arm and finally through the opposite hole. Once the clevis pin is completely through, insert the cotter ring at the end of the clevis pin as illustrated in Fig. G.

### ATTACH TO STRUT

Attach opener arm to the center bracket on the strut by sliding the clevis pin through the center bracket hole, then through the hole on the opener arm and finally through the opposite hole. Once the clevis pin is completely through, insert the cotter ring at the end of the clevis pin as illustrated in Fig. G.

## EXTENSION SPRING DOORS

### ATTACH TO HORIZONTAL ANGLE

Attach opener arm to the center bracket on the horizontal angle by sliding the clevis pin through the center bracket hole, then through the hole on the opener arm and finally through the opposite hole. Once the clevis pin is completely through, insert the cotter ring at the end of the clevis pin as illustrated in Fig. G.

### ATTACH TO STRUT

Attach opener arm to the center bracket on the strut by sliding the clevis pin through the center bracket hole, then through the hole on the opener arm and finally through the opposite hole. Once the clevis pin is completely through, insert the cotter ring at the end of the clevis pin as illustrated in Fig. G.

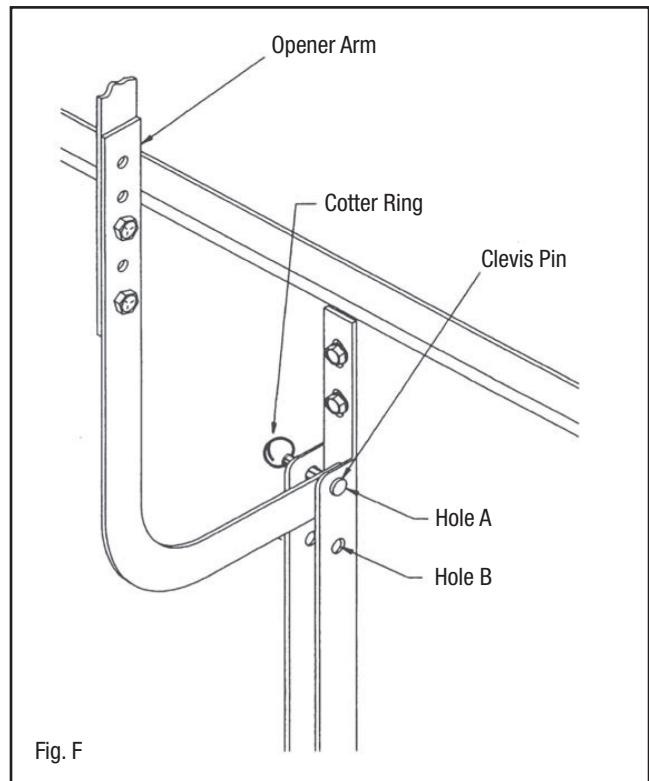


Fig. F

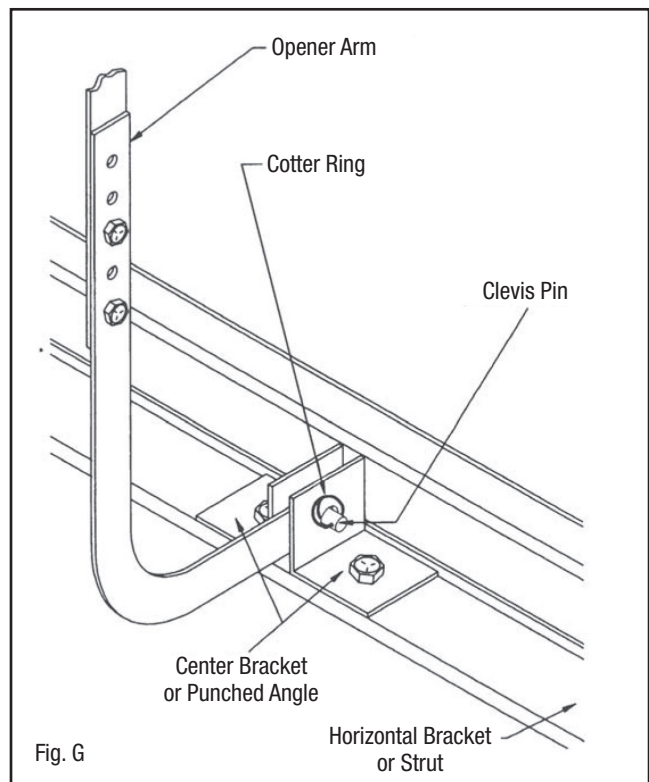


Fig. G

