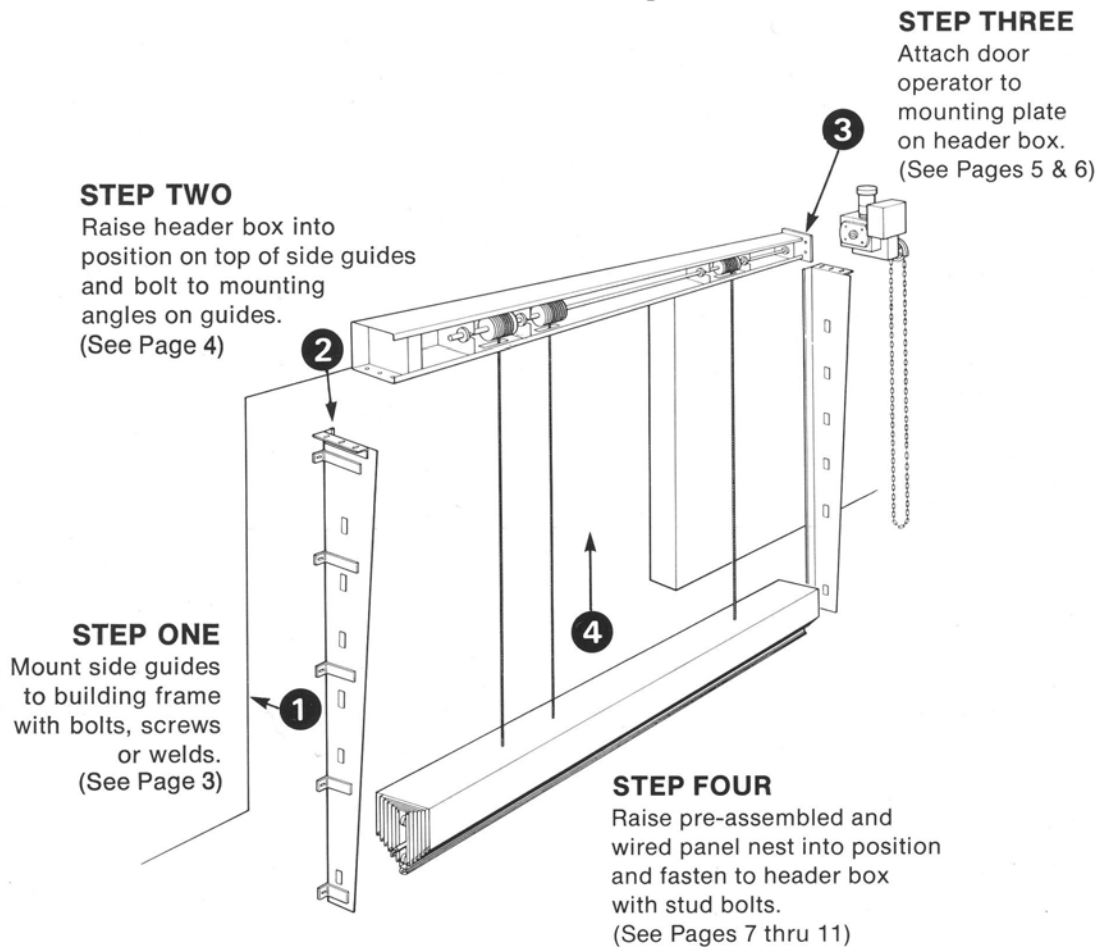


120 INCH TELESCOPING DOOR MAINTENANCE

Installation Instructions Inryco® Telescoping Door

U.S. Patent No. 3,430,676

Four Basic Installation Steps



Inryco
an Inland Steel company

120 INCH TELESCOPING DOOR MAINTENANCE

PRELIMINARY PROCEDURES

A. IMPORTANT — BEFORE INSTALLATION

Open the packing list attached to the outside of the door operator package and check the door size shown to be sure it agrees with the approval drawings and the wall opening dimensions. Verify that the voltage shown for the door operator agrees with the voltage available from the electrical power source.

If the materials received do not correspond to the packing list, contact the manufacturing plant before proceeding.

(Phone Inryco in Lima, Ohio, at 419-227-6899.)

Every Inryco Telescoping Door is assigned an unduplicated serial number. If more than one door is to be installed at your job site, make sure that the parts bundles and packages deposited for installation at a specific opening are all marked with the same identifying number—usually the five digit Job Number and a suffix letter, e.g.: 48000-A, 48000-B, etc.

The serial number appears permanently on the inside of the LEFT side guide at a point approximately 5-ft. above the floor and on the header box near the door operator.

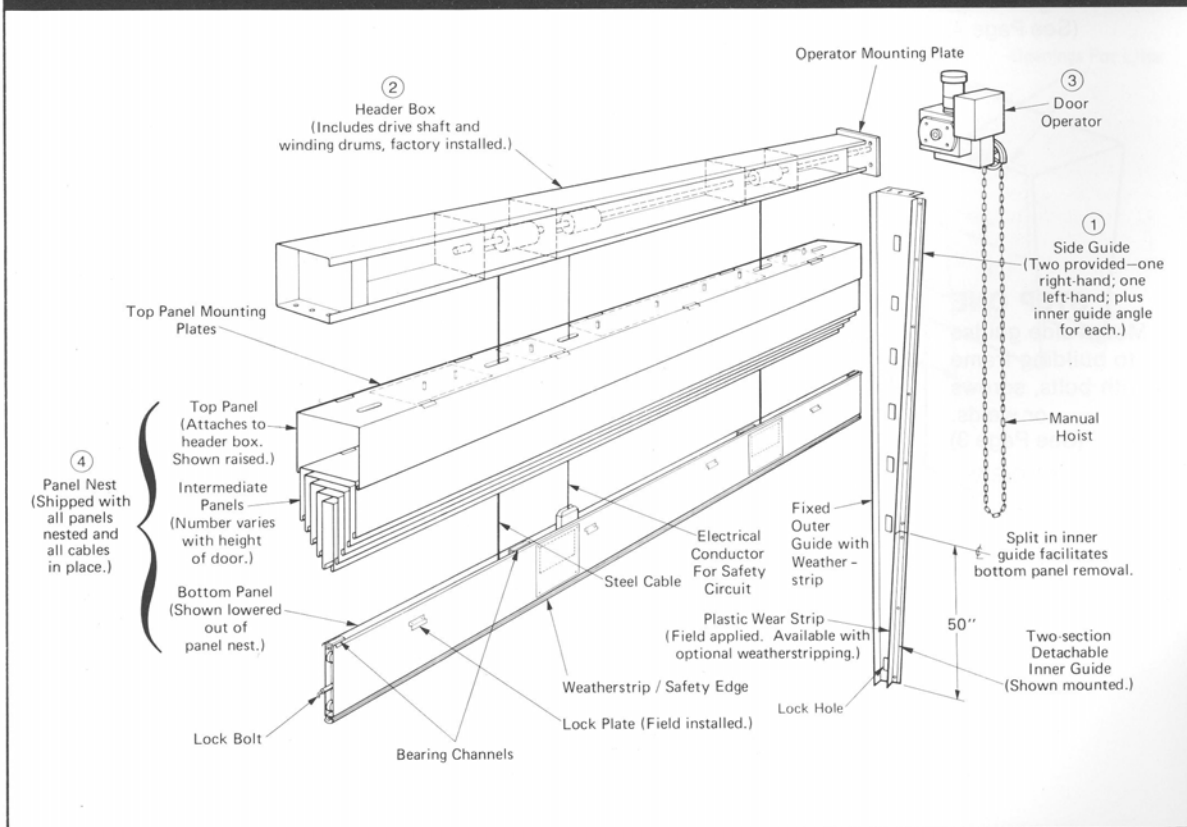
B. CHECK THE SHIPMENT

Before starting installation, open all packages and check the parts received against the packing list to be sure the shipment is complete. Each shipment consists of five basic items, identified in the components drawing below: 1. Side Guide set; 2. Header Box; 3. Door Operator set (including wiring diagrams and a binder containing installation and maintenance instructions, parts list, approved door submittal drawings and other detail information); 4. Panel Nest; 5. Hardware set (which may be included in the Door Operator package if space is available).

C. GENERAL

Details shown in these instructions are related primarily to INSIDE FACE mounted doors with SHAFT mounted (DIRECT DRIVE) motorized door operators. The basic instructions will also apply to other variations in door and operator mountings, but see the approved drawings accompanying each unit for specific details.

MAIN COMPONENTS OF DOOR ASSEMBLY



120 INCH TELESCOPING DOOR MAINTENANCE

STEP ONE — INSTALL SIDE GUIDES

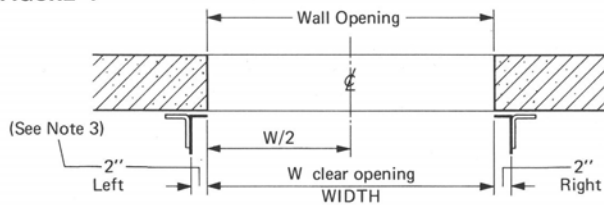
- A. Mark guidelines for location of side guides on floor at equal distances from opening centerline. (See Figures 1 and 2.)
- B. Check floor for level. If more than $\frac{1}{2}$ " out of level from jamb to jamb, see NOTE 1 below.
- C. Install weatherstrips on outer side guide assembly (see Figure 2). Guide weatherstrip is standard on outer guides; optional on inner guides (see Supplementary Details A and B on page 12).
- D. Raise each side guide (with narrower end at floor); align it on the guideline; plumb it; and mark mounting hole locations on the jamb or wall. (For steel framed openings proceed as suggested in NOTE 2 below.)
- E. Drill holes in jambs or wall at marks and bolt side guides in place.
- F. Adapter plates, jamb fasteners or bracing, as required, are to be furnished by the installer unless purchased from Inryco with door order.

NOTE 1: If floor is out of level by more than $\frac{1}{2}$ " from jamb to jamb, install guide at HIGH SIDE first, with bottom end resting on floor. Install second guide raised above floor with shims sufficiently to bring top angles of two guides into level with each other (see Figure 4).

NOTE 2: If steel framed openings have less than 4" of bearing surface, install adapter plates opposite jamb clips (see Figures 3 and 4). Weld or bolt as required.

NOTE 3: Guide dimension (as shown on approved layout drawings) is distance from toe of guide to inner face (see Figure 2). Two inches is standard. Check approved drawings and, if dimension other than 2" is shown, adjust guidelines spacing accordingly.

FIGURE 1



NOTE: Use "W" DIMENSION SHOWN ON YOUR PACKING LIST PLUS 4" (See Note 3) AS THE DISTANCE BETWEEN YOUR GUIDELINES. Do not use the measured width of the building opening for the "W" dimension.

FIGURE 2

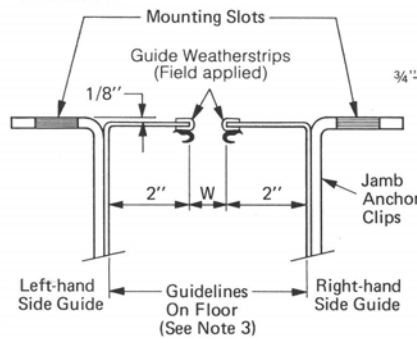


FIGURE 3

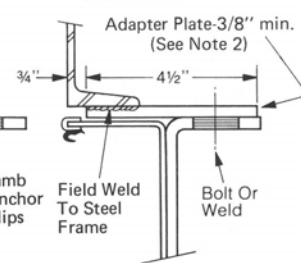
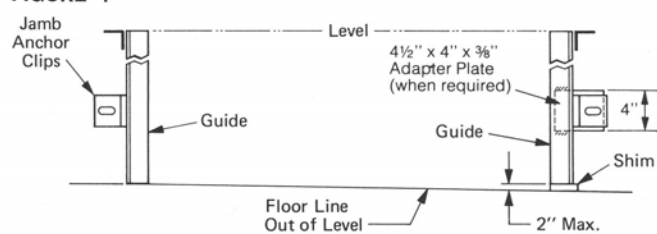


FIGURE 4



120 INCH TELESCOPING DOOR MAINTENANCE

STEP TWO — INSTALL HEADER BOX

- A. Temporarily remove detachable cover plates from header box.
- B. Hoist header box to top of opening and position it with its ends resting on mounting angles on side guides.
- C. Align three mounting slots in each end of header box with slots in top angles of guides and install $\frac{3}{8}$ " bolts, lockwashers and nuts (Figure 5). Do not fully tighten at this time.
- D. Adjust position of header box as shown in Figures 6 and 6A. SEE PACKING LIST furnished with each door for Dimension "A." Note that Dimension "A" is taken to inner face of outer guide. When header box position is properly adjusted, tighten all bolted connections.
- E. Header braces are furnished, shop welded to header, on all doors over 12'-0" in clear opening width. Installer is to provide suitable tie-bracing between the header brace and the structure. The tie-bracing should be installed to hold the **bottom** surface of the header, at each tie-brace, level as shown in Figure 7. The header may deflect downward at mid-span to the limits of Dimension "C" as shown in Figure 7A and the accompanying table.
- F. Remove tape from bottom of header box near each end to free overtravel switch feeler arms. **IMPORTANT**—door will not operate properly if feeler arms are not freed. (See Figure 11, Page 8.)

FIGURE 5

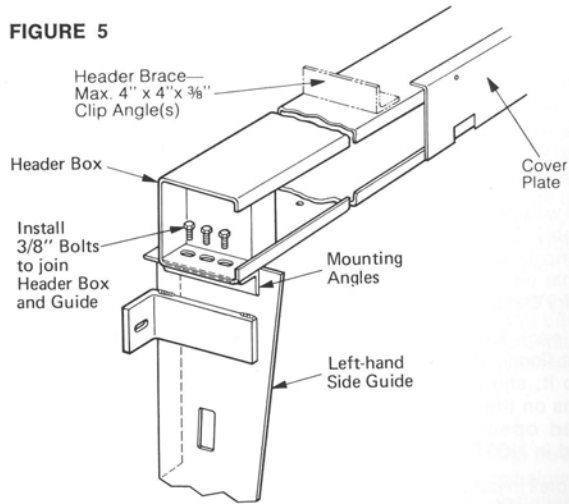


FIGURE 6

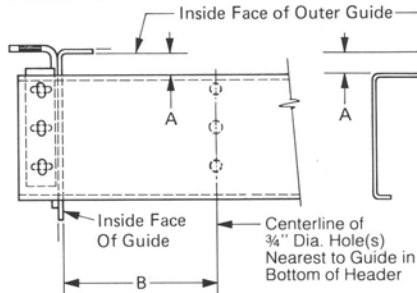
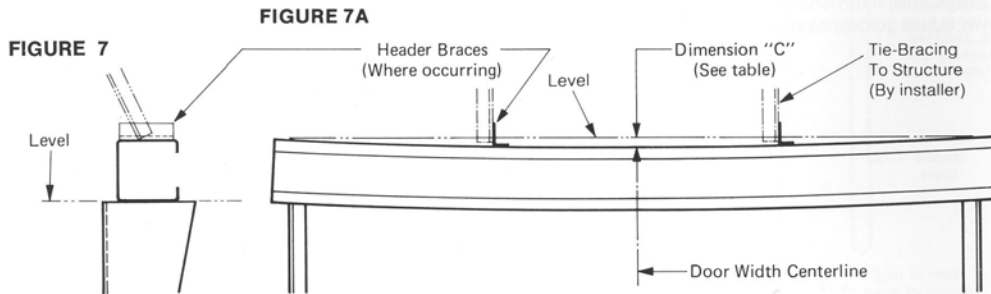


FIGURE 6A

NOTE: Dimension "A" equals $\frac{1}{2}$ of top panel width minus 3" maximum. Dimension "B" must be maintained equal at both jambs. SEE PACKING LIST (furnished with each door) for Dimension "A."



Dimension "C"	Door Opening Width (Dim. "W")
$\frac{1}{4}$ "	Up to 12'-0"
$\frac{1}{2}$ "	Over 12'-0" to 15'-0"
$\frac{3}{4}$ "	Over 15'-0" to 18'-0"
1"	Over 18'-0" to 24'-0"
$1\frac{1}{4}$ "	Over 24'-0" to 30'-0"

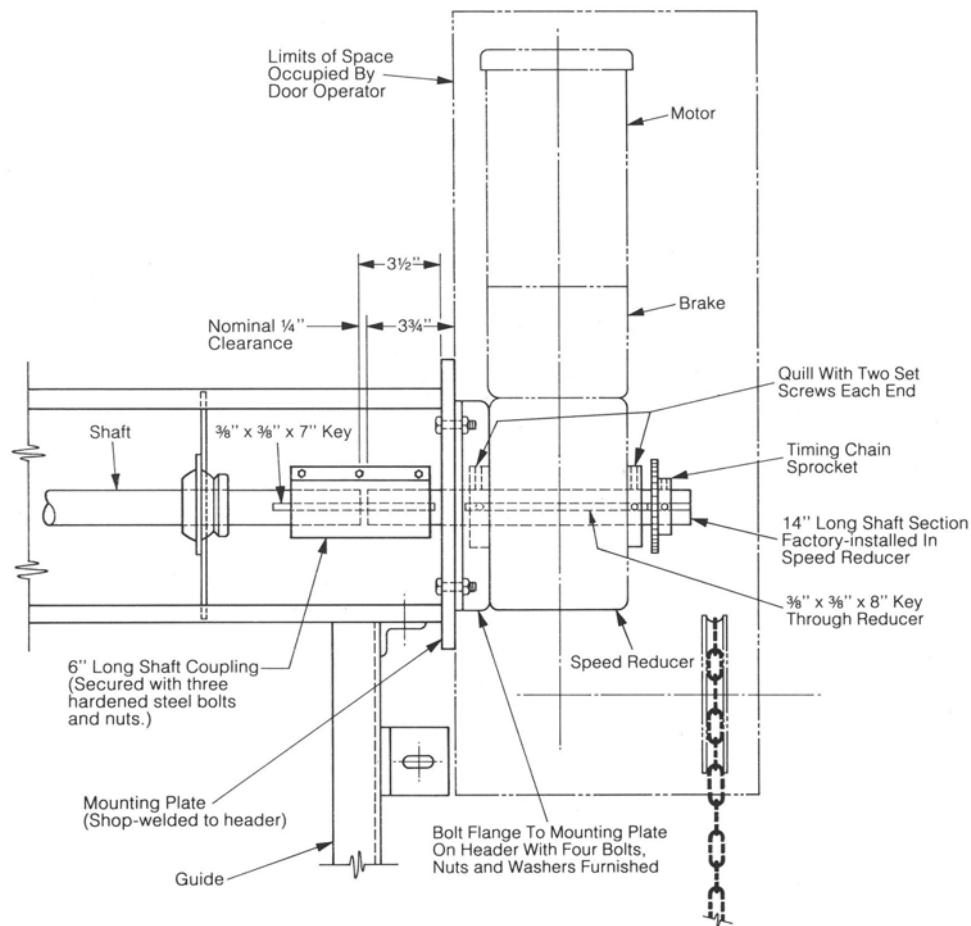
120 INCH TELESCOPING DOOR MAINTENANCE

STEP THREE—INSTALL DOOR OPERATOR

NOTE: Procedures on this page are for installing **DIRECT DRIVE** door operators. For **CHAIN DRIVE** operators, see mounting instructions in accompanying Form 36-4CD.

- A. The motorized door operator is to be mounted directly to the end of the header box assembly by the installer (see Figure 8).
 - B. Before hoisting the unit for mounting, verify that the four (4) set screws which secure the 14" long shaft section and the $\frac{3}{8}$ " square by 8" long key in the speed reducer are fully tightened. (There are two set screws in the quill extension on each side of the reducer.) While tightening the screws, maintain the $3\frac{3}{4}$ " extension of the shaft beyond the reducer mounting flange as shown in Figure 8.
 - Also verify that the operator unit is the correct hand. A right hand (R.H.) operator has the reducer mounting flange on the left side with the motor positioned above and to the front of the flange. On left hand (L.H.) operators, the flange is to the right.
 - C. Carefully hoist the door operator unit to the header box, positioning the mounting flange of the reducer so the four bolt holes align with the four holes in the header mounting plate.
 - D. Next, slightly loosen the three $\frac{3}{8}$ " diameter hardened steel bolts which secure the shaft coupling to the end of the door shaft. Then insert the reducer shaft extension into the coupling, engaging the $\frac{3}{8}$ " square by 7" long key in the reducer shaft key slot. Use key and coupling to unite the two shafts, but **DO NOT** fully tighten the coupling bolts at this time.
 - E. Now, secure the reducer flange to the header mounting plate with the four (4) $1\frac{1}{4}$ " long bolts, washers and locknuts furnished.
 - F. Fully tighten the flange bolts and the shaft coupling bolts to complete the door operator mounting.
 - G. The rotary limit switch timing chain drive **SHOULD NOT** be connected at this time.
 - H. The manual hoist is operated by a heavy link chain. **OPEN** and **CLOSE** labels are on the chain guard at the pocket wheel to indicate where pull on the chain should be exerted. Dual $\frac{1}{8}$ " aircraft cables are included for engaging and disengaging the miter gear drive for the hoist.
- A retainer for chain and cable is furnished in the hardware kit. Mount it about 5 feet above the floor.

FIGURE 8 (Right Hand Mounting Shown; left hand opposite)



120 INCH TELESCOPING DOOR MAINTENANCE

STEP THREE—CONTINUED (INSTALL DOOR OPERATOR)

- I. If electrical power is available, connect it now. **CAUTION:** Before making any connections, verify that primary power available matches **voltage, phase and frequency** specified on motor nameplate and starter panel components. If properly matched, proceed with electrical connections.

Standard Door Operators require only four field connections (see Figure 8A):

1. Primary power
2. Three button control station
3. Safety reversing edge
4. Up overtravel safety

Special (Non-standard) Door Operators have instructions and wiring diagrams for required connections packed in operator carton and/or starter panel enclosure.

- J. With control station connected, but **BEFORE** using door operator to install panel nest (Step Four), make these checks:

1. Check Header Overtravel Limit Switches to verify that tape on feeler arms has been removed. Also, verify that feeler arms project 1/2" to 3/4" below bottom of header box as shown in Figure 11 on Page 8.
2. Check Rotary Limit Switch Box to verify that the small roller chain is **NOT** attached at this time. (Future connection and adjustment of limit switches is explained in Step Four, Item P.)
3. Check Door Shaft Rotation by depressing the OPEN button at control station. Proper rotation of door shaft for opening the door is indicated by:
 - a. **Counterclockwise** rotation of the **reducer shaft** when viewing end of shaft at an **R.H.** (right hand) mounted operator. (Figure 8B)
 - b. **Clockwise** rotation of shaft on an **L.H.** operator.

If reducer shaft rotation is **NOT** as described above, the motor is incorrectly phased. Correct it by simply exchanging terminal connections of any two (2) of the power leads (L1—L2—L3) in the **starter panel**.

CAUTION: DO NOT attempt to make this correction at:

- a. the three button control station
- b. the reversing contactor
- c. the motor.

4. Check Manual Chain Hoist
 - a. Using the 1/8" control cables, engage miter gear drive for hoist and observe how well gears mate. If not fully seated, make necessary adjustments.
 - b. With manual drive engaged, and standing clear of hoist chain, press OPEN and CLOSE buttons at three button control station to verify that operator does not function electrically. (As control cable engages gear drive, it mechanically releases magnetic disc brake. At the same time, it opens electrical circuit to control station by causing arm on limit switch adjacent to miter gear to release. If electrical function occurs with gear engaged, check limit switch.)
 - c. Pull on heavy link chain to verify (by rotation of door shaft in header) that magnetic disc brake has released and door operator functions manually.
5. Check Magnetic Disc Brake by electrical power operation of door operator from control station after disengaging manual hoist. Press either OPEN or CLOSE button, and then observe reaction of door shaft when STOP button is depressed. If brake is properly adjusted, shaft rotation will cease immediately.

NOTE: Disc brakes, adjusted at factory before shipment, shouldn't need adjusting. See instructions in door operator carton if adjustment is necessary.

- K. Before proceeding to panel nest installation, check LINTEL construction for any ledge projection into panel area which might catch upper panels as they telescope out of nest. See Figure 8C for FIELD solution.

FIGURE 8A

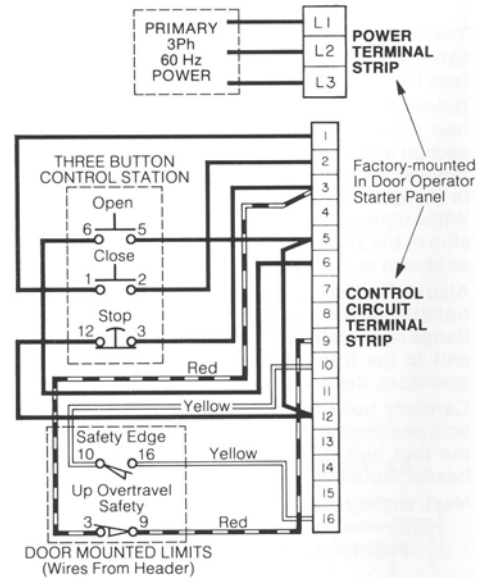


FIGURE 8B (Right Hand Operator shown; left hand opposite)

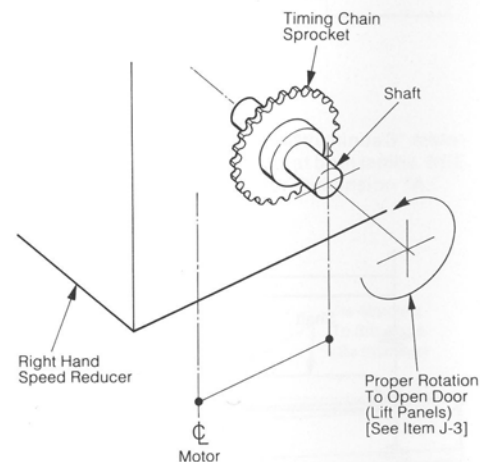
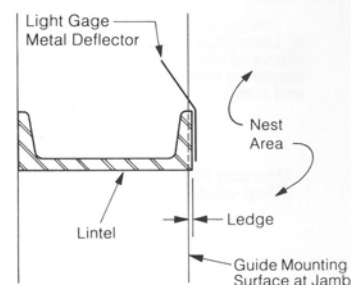


FIGURE 8C



120 INCH TELESCOPING DOOR MAINTENANCE

STEP FOUR — INSTALL PANEL NEST

A. Panel nest is crated for shipment with the widest panel (top panel) to the bottom of the crate. Turn crate over GENTLY so widest panel is now to the top. To avoid damage to panels, **DO NOT** allow crate to rest on either side. Position inverted crate at opening as close to guides as possible. Be certain that side of crate marked "INSIDE" faces the interior of the building.

B. Remove top and ends of crate and any projecting nails. **LEAVE SIDES OF CRATE ASSEMBLED** to avoid toppling nest and damaging panels.

NOTE: All doors have temporary lock bolt retainers at each end of bottom panel. Bend retainers down at this time to free the spring loaded lock bolts.

C. Recheck for proper door shaft rotation (Figure 8B, Page 6) **BEFORE** engaging steel cables into drums.

Now, uncoil steel cables carefully to avoid kinking. Remove all loops and twists, then inspect thoroughly for frayed or fractured wires. **IF** damage is found, **IMMEDIATELY** phone the factory (419-227-6899) for instructions.

After inspection, the uncoiled damage-free cables can be carried up to their respective drums. Remove plastic cable retainer (taped on inside bottom of header box over cable slot) and pass end of steel cable up through slot into header box. Install cable retainer on cable inside header box **BEFORE** inserting swaged end of cable into keyhole slot in lift drum (Figure 9).

NOTE: **DO NOT** connect the electrical conductor cable to its drum at this time.

D. Using either power or manual operation and maintaining hand pressure on the cables, slowly wind steel cables onto drums until all slack is eliminated and lock bolts in ends of bottom panel retract into panel. (Check that cables are tracking properly in grooves in space between drum and retainer roller.)

E. Using manual chain hoist, raise panel nest off of bottom of crate until weight of nest is completely supported by steel cables. (**DO NOT REMOVE CRATE AT THIS TIME.**) Check cables to verify that they are properly tracking in drum grooves and that they are not snagged within the panel nest.

F. With weight of nest now tensioning the steel cables, **RECHECK** level at bottom surface of header box as described in STEP TWO, Item E. If level, proceed to Item G. **IF NOT LEVEL,** use manual hoist to lower nest back into crate until cables slacken slightly. Then, readjust tie bracing at header braces to bring header into level. When properly adjusted, repeat Item E—then proceed to Item G.

G. (Refer to Figure 10.) Unwind electrical conductor cable and remove all twists and loops. Raise conductor cable to and through slot in bottom of header box. Wrap cable around the winding drum the same number of turns as the steel cable on the adjacent winding drum. **IMPORTANT:** Electrical cable must be taut between bottom panel extension spring and first complete wrap on drum, and succeeding winds should be tight to maintain this tautness. Now pass cable through hole provided in winding drum end plate and connect cable wires to two yellow wires on drive shaft with wire nuts. Tape connections and anchor wires to shaft.

NOTE: **DO NOT CONNECT COIL CORD AT END OF SHAFT AT THIS TIME.**

FIGURE 9

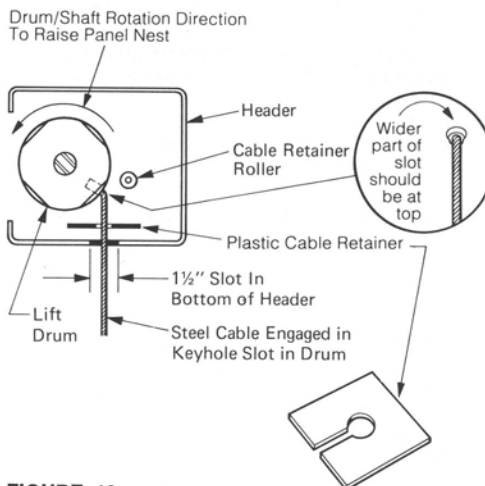
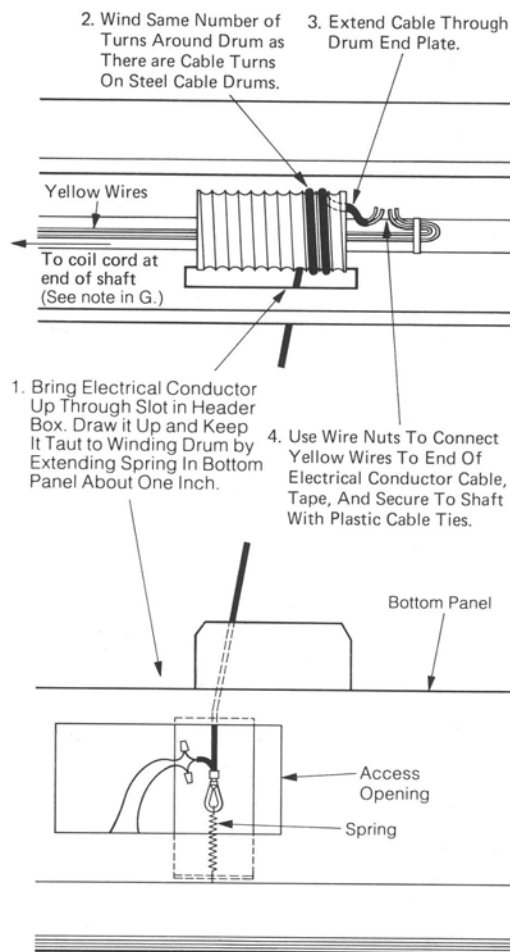


FIGURE 10



120 INCH TELESCOPING DOOR MAINTENANCE

STEP FOUR — CONTINUED (INSTALL PANEL NEST)

- H. Using the door operator, raise the panel nest to within 6" of the bottom of the header box by power or manual operation as follows:

POWER Operation: First, check that the manual chain hoist gear drive is disengaged. Then, use OPEN button of control station to raise nest out of the crate while maintaining tension on all lift cables to insure proper tracking on drums. Observe cable tracking throughout the lifting procedure. Discontinue immediately if not properly tracking and make necessary adjustments.

MANUAL Operation: Engage manual chain hoist gear drive. Exert pull on OPEN side of chain. Proper shaft rotation will increase cable tension and nest weight on cables.

NOTE: We do NOT recommend total manual nest installation on doors with uncrated nest weight in excess of 1000 pounds. See packing list for specific door component weights.

INSTALLER: Lifting panel nest by methods other than above may damage door. Observe extreme caution when attempting to mechanically assist the cable hoisting method.

CAUTION: DO NOT STAND UNDER THE PANEL NEST DURING THE HOISTING OPERATION.

- I. DISCONNECT POWER. Remove panel nest crate. Again, verify that tape on overtravel limit switch arms at each end of header has been removed (see Figure 11). The overtravel circuit is "normally closed" and can be identified by two (2) red wires in header box.

- J. Lift top two panels by hand to engage studs at top into holes provided in bottom of header box. Secure with lock washers and nuts. **NOTE:** Tighten bolts in sequence, STARTING AT CENTER and working to left and right side guides simultaneously.

NOTE: In lifting top panels into place, be careful not to damage overtravel limit switch feeler arms protruding from bottom of header box. Make sure they pass through matching slots in top panel. (They provide additional protection against overtravel if "OPEN" limit switches in operator happen to malfunction.)

- K. Check that panel nest fits properly between side guides—with about $\frac{3}{8}$ " between ends of panels and face of guide, and with face of top panel within $\frac{3}{4}$ " of inner face of outer guide (Figure 12). Make any necessary adjustments, then tighten all bolts connecting header box to guides and guides to jambs or wall.

CAUTION: DO NOT WELD NEAR CABLES WITHOUT FIRST PROVIDING A PROTECTIVE COVERING AT THE CABLES.

- L. Have electrician complete wiring—connecting power, if not already done, installing control stations and generally finishing all outstanding field wiring. (See wiring diagram included with these instructions or packaged with the door operator.)

- M. **IMPORTANT:** After wiring is completed and checked and **BEFORE LOWERING DOOR NEST**, install the inner guide angles temporarily on both sides with furnished hex head $\frac{5}{16}$ " diameter by 1" long bolts and nuts secured handtight (Figure 13). This will insure that panels are contained in guides while door panels are tested for hook engagement and introduce a measure of safety.

FIGURE 11

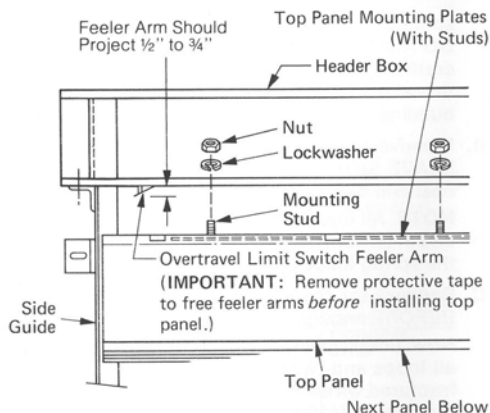


FIGURE 12

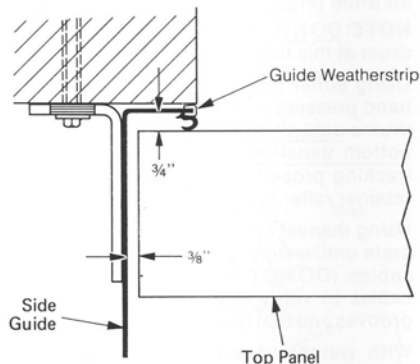
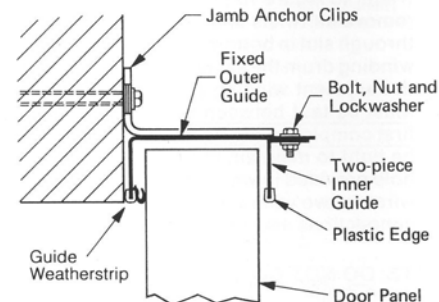


FIGURE 13



120 INCH TELESCOPING DOOR MAINTENANCE

STEP FOUR — CONTINUED (INSTALL PANEL NEST)

N. Check panel hook engagement as follows. Using the manual hoist, allow panels to descend until intermittent hooks on top of outermost panel in moving nest engage continuous hooks on bottom edges of stationary panel above. Check for engagement of hooks along entire length of joint on both exterior and interior faces of door. If hooks are properly engaged, repeat procedure, checking each succeeding panel joint on both exterior and interior before proceeding to next one. If any joints do not engage properly, discontinue operation immediately and contact Inryco manufacturing plant (telephone 419-227-6899) for instructions. If joint engagement is proper, proceed with check until door is closed to about mid-point.

O. Disengage manual hoist by using cable provided and then pulling heavy link chain sharply. Door is now ready for power operation. Push "CLOSE" button, then halt door travel about a foot above the floor with the "STOP" button. Move door up a few feet and then down again, checking that cables are winding properly on drums.

P. Now install rotary limit timing sprocket on door operator drive shaft—if not factory installed. Connect small timing chain with master link provided and adjust for proper tension.

Next, have electrician adjust the position of the traveling nuts which activate the "OPEN" and "CLOSE" limit switches in the rotary limit box, as follows:

1. In "OPEN" position, limit control should stop door travel with top of panel nest just below the overtravel switch feeler arms protruding from bottom of header box.

If panel nest travels beyond this point and depresses the overtravel switch arms, all power is cut off. Door must be lowered manually a few inches until limit controls are released and electrical operation can be resumed. This condition should not be allowed to persist. Reset "OPEN" position setting on limit control to correct it.

2. In "CLOSE" position, limit control should permit lock bolts to spring out to engaged position, extending approximately 2" out of bottom panel, while steel cables remain tight to the touch at the drums. If cables have noticeable slack, readjust "CLOSE" setting.

NOTE: If floor is more than a half inch out of level and one guide has been installed higher off the floor than the other one to compensate, the lock bolt may not line up with the locking slot in the guide. Cut new hole, or cut slot larger, so bolt can project through guide.

Q. With door in fully open position, check to see if movable door panels are within $\frac{1}{2}$ " of being parallel to fixed top panel and header box. If alignment is correct, proceed to section R. If panels are more than $\frac{1}{2}$ " out of alignment, close door and proceed as follows:

1. With door fully closed, engage manual hoist on door operator and lower bottom panel until lock bolts are fully ejected (see Figure 14). **CAUTION—avoid winding cables completely off drums.**

2. Now, remove plates covering access openings in bottom panel to expose steel cable counterweights (see Figure 15). Remove nuts holding counterweights to pivot arm. Pull expansion pin to allow access to swaged end of cable and slotted washers.

FIGURE 14

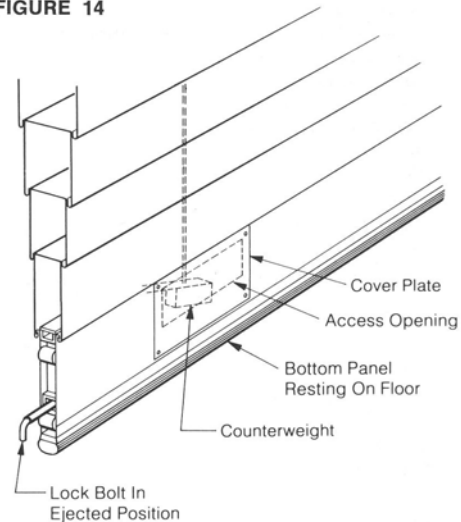
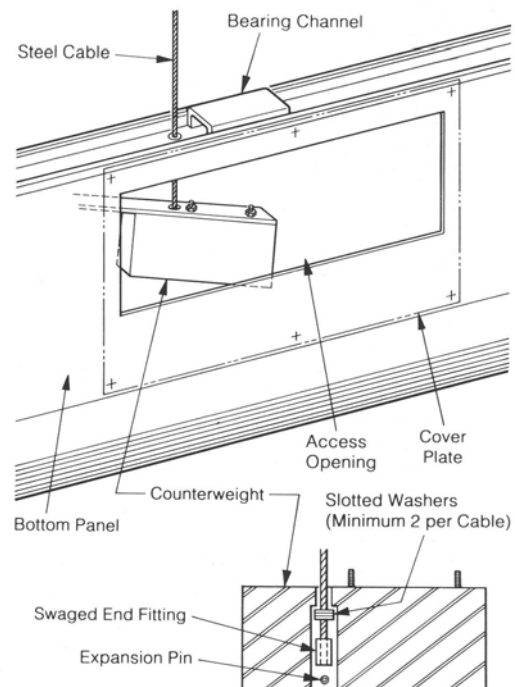


FIGURE 15



120 INCH TELESCOPING DOOR MAINTENANCE

STEP FOUR — CONTINUED (INSTALL PANEL NEST)

Q. continued

3. Included in each counterweight are a number of slotted washers as shown in Figure 15. Transfer washers from cable supporting higher end of nest to other cable as necessary to compensate for the unequal cable lengths.
4. Resecure cable ends in counterweight, then reconnect counterweight to pivot arm while taking up slack in cable with manual hoist.
5. After both counterweights are reconnected, continue to operate manual hoist until lock bolts retract fully and bottom panel lifts off floor.
6. Disengage manual hoist. With power restored, open door completely and check panel alignment. If panel alignment needs no further adjustment, CLOSE door completely and re-install access panels.

R. Operate door a few times to check that everything is working properly.

S. Complete Safety Edge Reversing Feature of door by making coil cord connection at end of drive shaft opposite end carrying drive sprocket, using following procedure: (**CAUTION:** Do not make this connection until door is operating normally — with power and with "OPEN" and "CLOSE" limit controls in operator properly adjusted.)

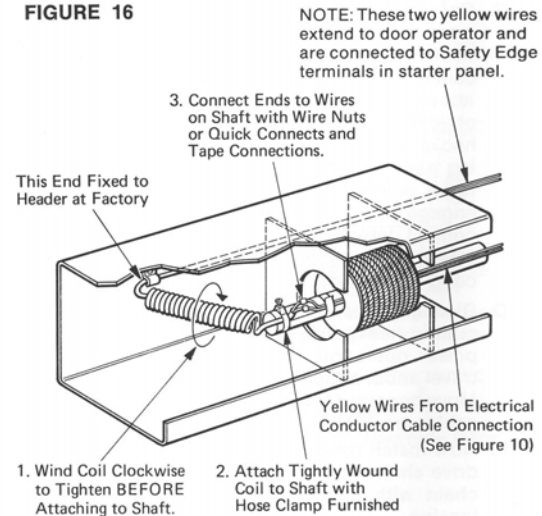
1. If door operator is located towards **RIGHT** end of header box, let door **CLOSE** completely. If door operator is towards **LEFT** end, let door **OPEN** completely.
2. Wind coils in cord as tight as possible (clockwise) without creating kinks in coil. (See Figure 16)
3. Hold cord in wound condition while fastening free end to drive shaft with hose clamp provided on shaft.
4. Connect end of cord to wire nuts or quick connects on electrical cable attached to shaft, and tape securely.
5. Operate door while checking that coil cord is unwinding properly. Cord must not wind around drive shaft.

T. Check for proper operation of Safety Edge Reversing Feature. (In normal operation, when door is closing and meets an obstacle, it instantly reverses direction and returns to fully open position. This action is activated by special switches in the aluminum sill on the bottom door panel. Another limit switch in the door operator cuts out this action when the door is 3" to 6" from the floor.)

Test this operation by pressing upward on bottom of door with hand as door is descending. If door does not immediately reverse direction, proceed as follows:

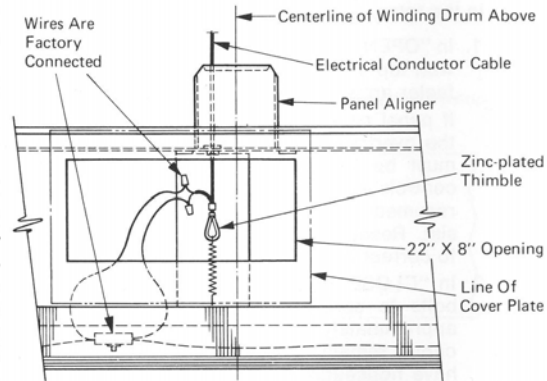
1. Check that electrical conductor cable has been connected to yellow wires in header box. (See Figures 10 and 16.)
2. Have electrician check wiring from header to door operator for continuity and proper terminal connections in starter panel.
3. Have electrician check for continuity in wiring in bottom door panel (See Figure 17). For access to inside of bottom panel, remove cover plate on face of panel at electrical conductor cable location.

FIGURE 16

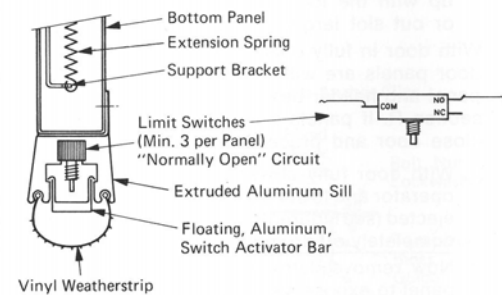


NOTE: These two yellow wires extend to door operator and are connected to Safety Edge terminals in starter panel.

FIGURE 17



Interior Elevation Of Bottom Panel Showing Safety Reverse Circuit



Section At Sill Of Door

120 INCH TELESCOPING DOOR MAINTENANCE

STEP FOUR — CONTINUED (INSTALL PANEL NEST)

U. Use of lock plates furnished with all doors is optional—install when required for security reasons. Attach to bottom panel with pop rivets or sheet metal screws—6 lock plates each side on doors 15 feet wide and over; 4 lock plates each side on doors under 15 feet. Proceed as follows:

1. With door curtain in closed position, using bottom edge of second panel from floor as guide, draw guidelines for entire length on each side of bottom panel.
2. Draw short vertical lines as location marks for lock plates on both sides of bottom panel just below guidelines—one mark 12" in from each end of panel and the remaining marks equally spaced between.
3. Raise second panel off of bottom panel and install lock plates—with hooks facing down, centered on each location mark, and with bottom edge of hook about 1/4" above guideline (Figure 18).
4. Reinstall bottom panel inside second panel.

V. Finish inner guide angle attachment to fixed outer guides.

1. Add bolts at all bolt slot locations and fasten hand-tight.
2. Close door.
3. With door curtain pressed outward so that panel joints contact outer guide weatherstripping, adjust position of inner guide until there is 1/16" clearance between plastic edge of inner guide and panel joints on inner face of curtain (Figure 19). Tighten bolts.
4. Open and close door. If binding occurs, adjust inner guides for proper clearance and test again. (Binding may prevent some panels from dropping to full extent or may cause panels to lose joint/hook engagement.)

NOTE: Additional clearance will be required if optional inner guide weatherstripping is furnished.

FIGURE 18

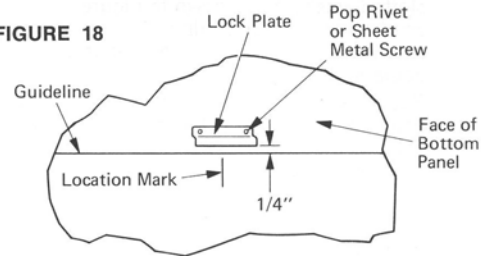
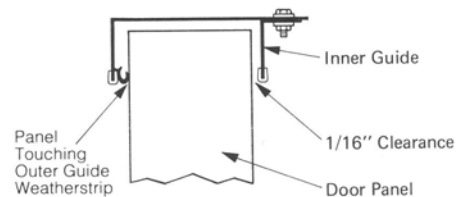


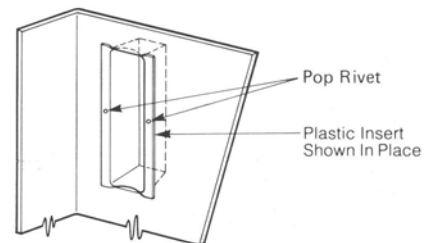
FIGURE 19



FINAL PROCEDURES

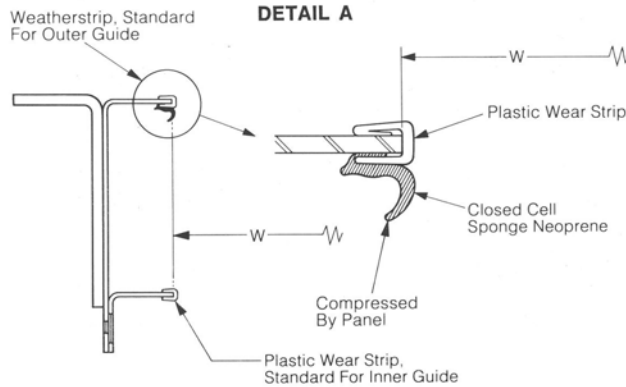
- A.** Make final check and any required adjustments of limit controls in door operator. (See Step Four, Section P, Page 9.)
- B.** Lubricate any roller chain drives on door operator. Check oil level in gear box. If lubricant is required, fill to recommended level with Mobil SHC634 or equal. Install reducer vent plug at this time.
- C.** Lubricate steel cables thoroughly with lubricant that is free of acids and alkalis.
- D.** Install cover plates on front of header box and door operator.
- E.** Seal all slots in guides with preformed plastic inserts. (See Figure 20.) Fasten with two 1/8" diameter stainless steel pop rivets.
- F.** Caulk all joints between side guides and building as required. Do not allow caulking to bond to panels.
- G.** Install lintel weatherstripping—if applicable. (See Supplementary Detail "C" on page 12.)
- H.** For any additional information required, refer to separate booklet, "PARTS LIST, MAINTENANCE INSTRUCTIONS, TROUBLE SHOOTING GUIDE" (Form 36-7).

FIGURE 20

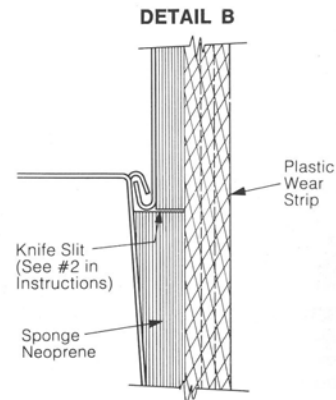


120 INCH TELESCOPING DOOR MAINTENANCE

SUPPLEMENTARY DETAILS



GUIDE WEATHERSTRIP—STANDARD FOR OUTER GUIDE

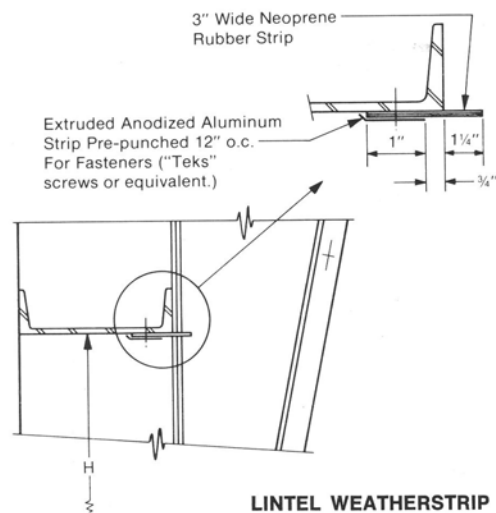


SLIT SPONGE FOR OPTIMUM SEALING

INSTRUCTIONS

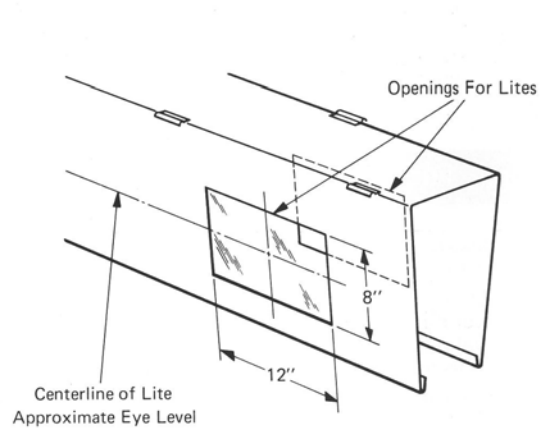
1. Before installing panel nest, apply guide weatherstrip to edge of outer (fixed) guide as shown in Detail A. Tap weatherstrip on over full length of guide to insure complete seating. (Optional—application on inner guide is similar.)
2. Cutting a slit in the sponge portion of the strip at each panel joint, as shown in Detail B, is necessary for optimum sealing.

DETAIL C—OPTIONAL ACCESSORY



LINTEL WEATHERSTRIP

DETAIL D—OPTIONAL ACCESSORY



VISION LITES



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