

## MARK IV VERTICAL SLIDING POWER SPLIT DOOR INSTALLATION INSTRUCTIONS

FTER INSTALLING DOOR,  
ORWARD TO MAINTENANCE  
STRUCTURE OR OWNER

JAMISON DOOR COMPANY  
P.O. BOX 70  
HAGERSTOWN, MD. 21741

3-31-95  
1/4 996534  
D 1-0032-22

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GENERAL INFORMATION:

A. Contents of Crates and Carton

1. Frame component parts and assemblies shipped knocked-down.

NOTE: If frame has jambs, casings and jambs shipped in separate crates.

2. One crate containing door leaf with all components, parts and assemblies attached.
3. One carton containing:
  - a. Packing List
  - b. Installation Instructions
  - c. Operating Instructions (If Power Operated Door)

B. Inspect for Damage and Shortage Immediately

1. Note on all copies of delivery receipt any apparent damages and shortages.
2. Open all shipping containers and inspect for concealed damage and shortages. Carefully repack to prevent further damage and pilferage.
3. Report within 15 days in writing to the transportation company, with a copy to us, any concealed damage and shortages. After 15 days, the law permits the transportation company to reject all claims.

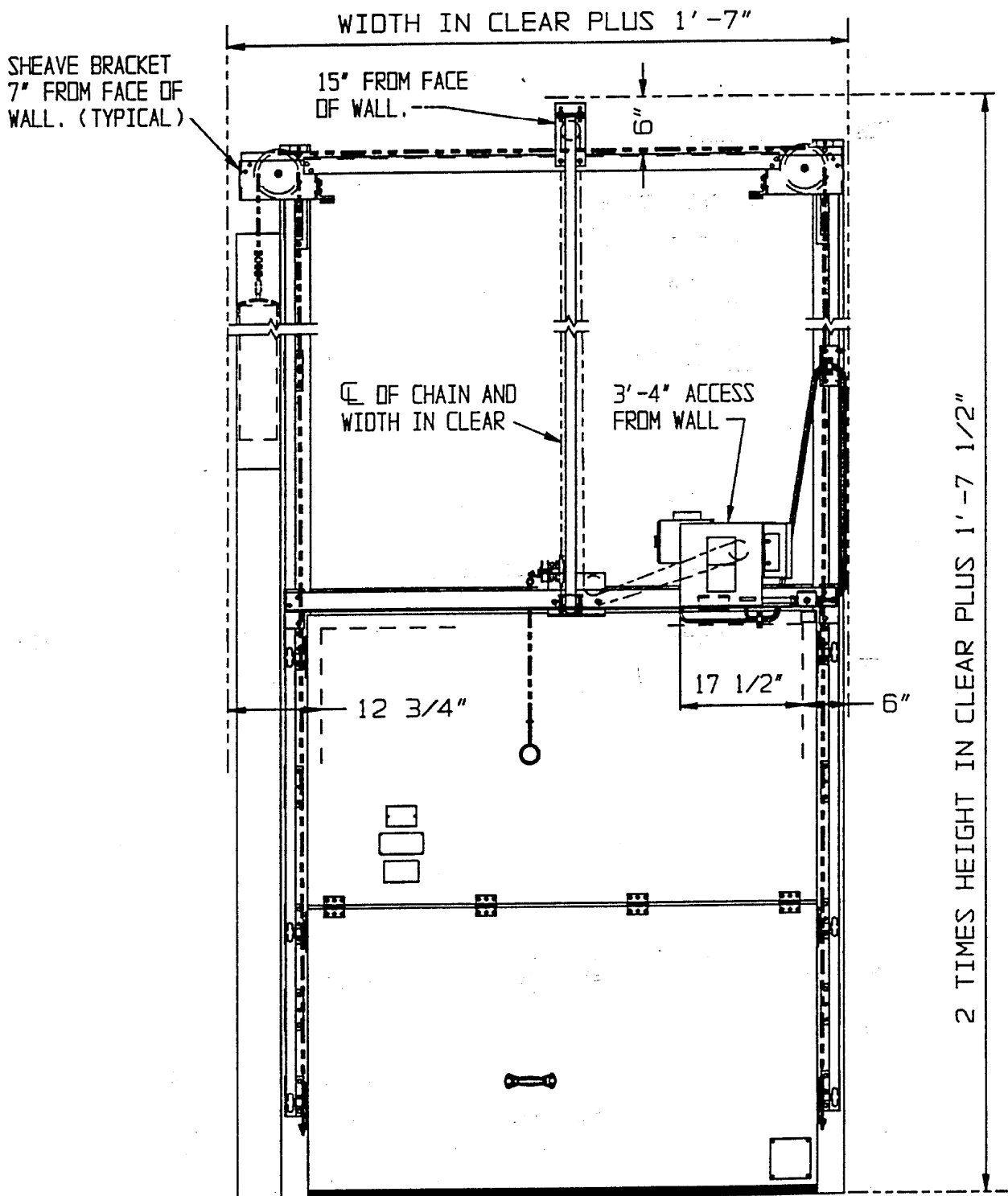
C. Handle All Parts Carefully

1. Certain parts such as gaskets, wiring, safety edges, etc. are vulnerable.

D. READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH ERECTION

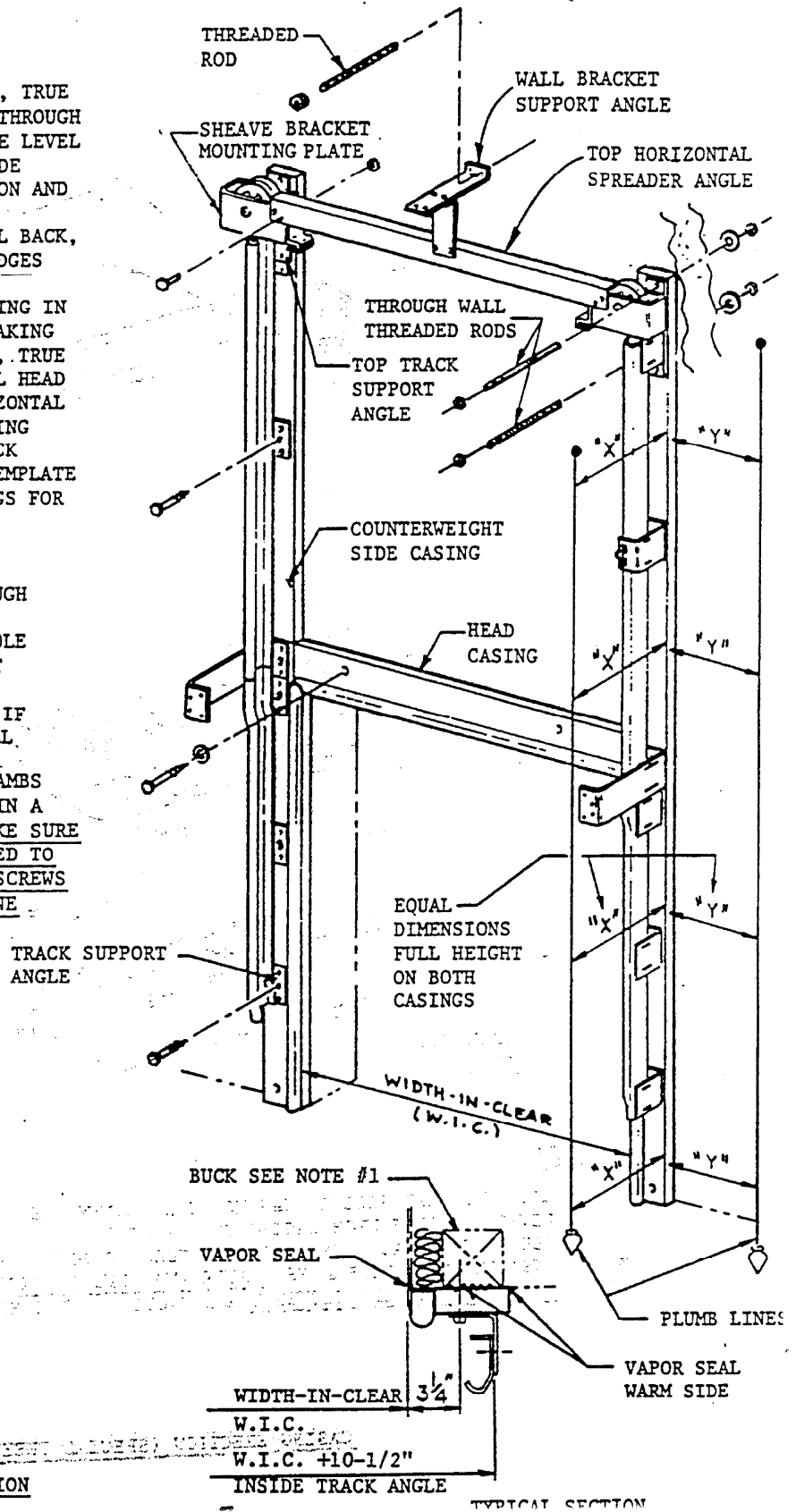
E. Plan Ahead

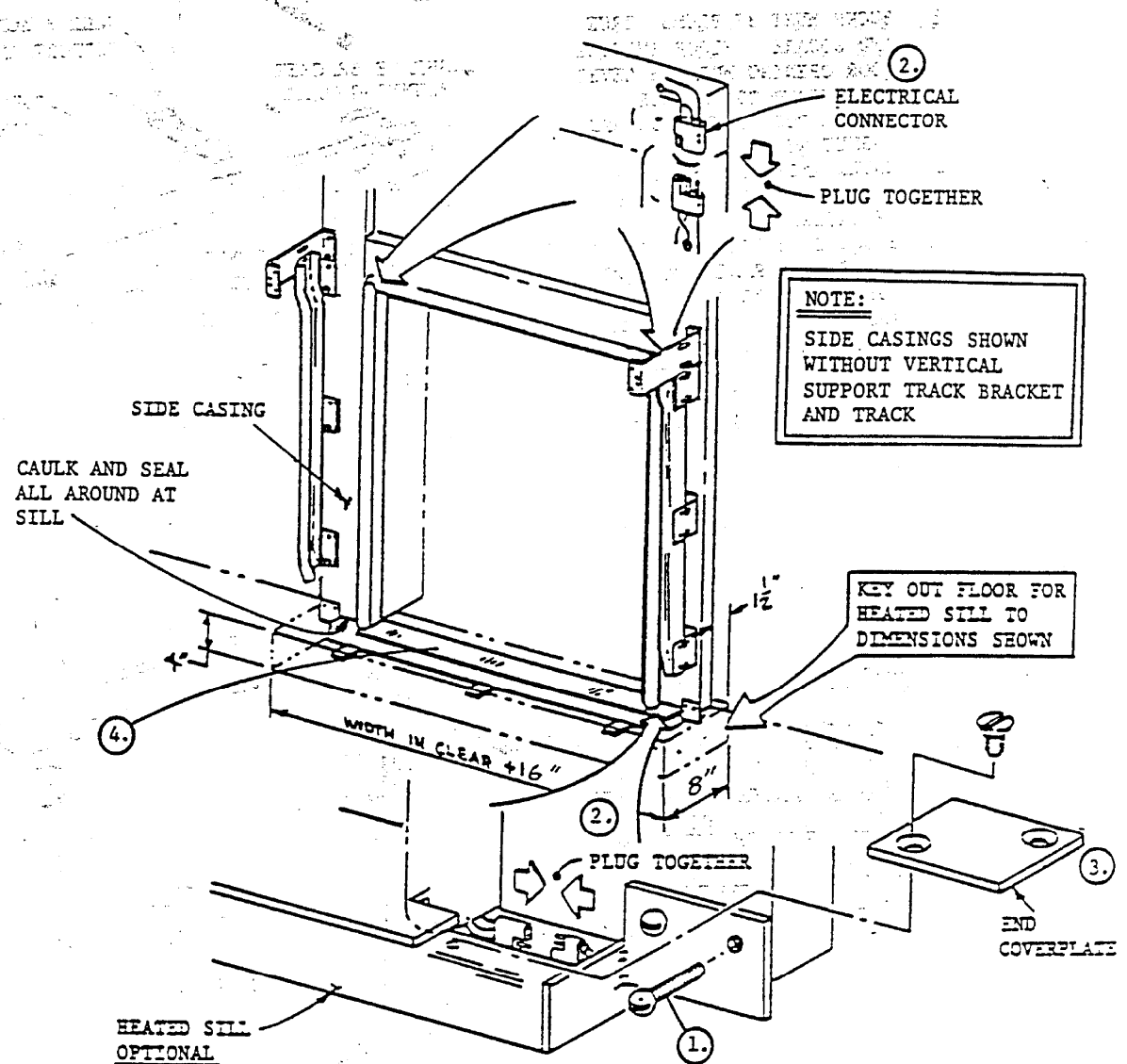
1. Choose installers who are millwrights or have equal qualifications.
2. Have all tools and materials necessary for installation readily available.



MARK III POWER OPERATED VERTICAL SLIDING DOOR  
MINIMUM CLEARANCES REQUIRED

1. BUCKS MUST BE PLUMB, TRUE AND SQUARE. FLOOR THROUGH DOOR OPENING MUST BE LEVEL FULL WIDTH TO PROVIDE PROPER DOOR OPERATION AND GASKET SEAL.
2. CAULK AND VAPOR SEAL BACK, BOTTOM AND AROUND EDGES OF CASINGS.
3. BLOCK EACH SIDE CASING IN PLACE TEMPORARILY MAKING SURE THEY ARE PLUMB, TRUE AND SQUARE. INSTALL HEAD CASING AND TOP HORIZONTAL SPREADER ANGLE. USING CENTER HOLES IN TRACK SUPPORT ANGLES AS TEMPLATE DRILL THROUGH CASINGS FOR PROPER ATTACHMENT FASTENING.
4. BOLT SHEAVE BRACKET MOUNTING PLATE THROUGH WALL AT TOP OF EACH CASING AND CENTER HOLE OF TOP TRACK SUPPORT ANGLE.
5. RECHECK PLUMB, SHIM IF REQUIRED, TIGHTEN ALL FASTENINGS.
6. IF FURNISHED, ADD JAMBS AND/OR INSIDE TRIM IN A SIMILAR MANNER. MAKE SURE THE JAMBS ARE SECURED TO THE BUCKS WITH LAG SCREWS (FOR WOOD) OR MACHINE BOLTS (FOR STEEL)





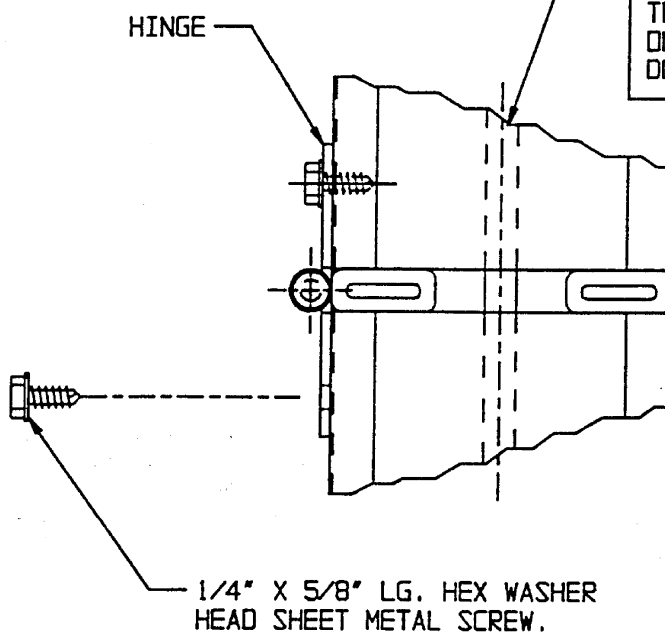
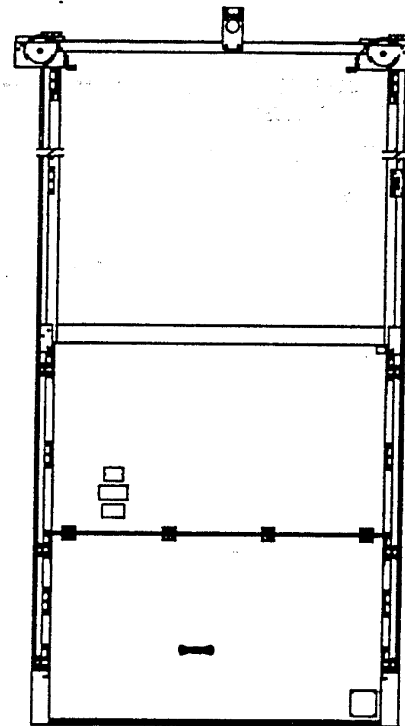
#### STEPS:

1. ATTACH HEATED SILL TO CASING WITH FASTENINGS PROVIDED. SILL ASSEMBLY MUST BE LEVEL AND TRUE FROM CASING TO CASING.
2. PLUG ELECTRICAL CONNECTORS TOGETHER AT FOUR CORNERS OF FRAME AS SHOWN.
3. INSTALL END COVERPLATES, CAULK AND SEAL TO EXCLUDE MOISTURE.
4. BRACE HEATED SILL SECURELY AND GROUT IN FINISHED CONCRETE FLOOR AROUND SILL.

#### CASING ERECTION (SPECIAL FREEZER)

# STEPS:

1. TEMPORARILY REMOVE UPPER SECTION OF TRACK FROM TRACK BRACKETS.
2. LUBRICATE ROLLER SHAFTS AND INSERT ROLLERS INTO BRACKETS ON BOTTOM LEAF.
3. LIFT BOTTOM LEAF TO TOP OF VERTICAL TRACK, LOWER LEAF CAREFULLY TO FLOOR. INSTALL UPPER LEAF FOLLOWING SAME PROCEDURE LOWERING TO TOP OF LOWER LEAF.
4. ATTACH HINGE TO UPPER LEAF USING FACTORY DRILLED HOLES.
5. RE-INSTALL UPPER SECTION OF TRACK, ALIGNING WITH LOWER SECTION.
6. FREEZER DOOR ONLY SEE SHEET #9 FOR "FROSTOP" HOOK-UP.



## FREEZER DOORS

FEED WIRE EXTENDING FROM BOTTOM LEAF UP THRU HOLE IN BOTTOM OF TOP LEAF AND INTO JUNCTION BOX ON TOP OF DOOR WHEN INSTALLING DOOR LEAVES.

## DETAIL "A"

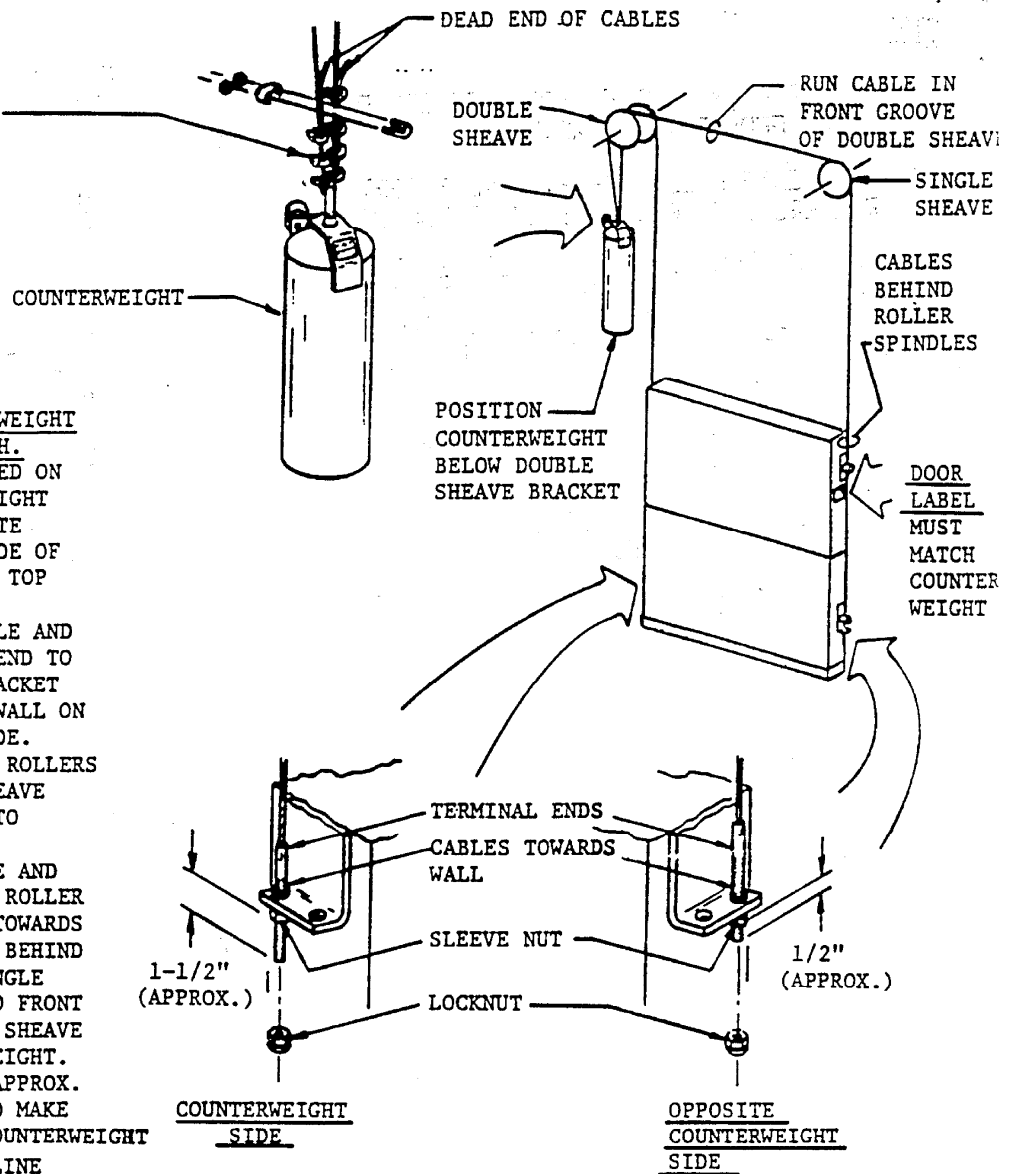
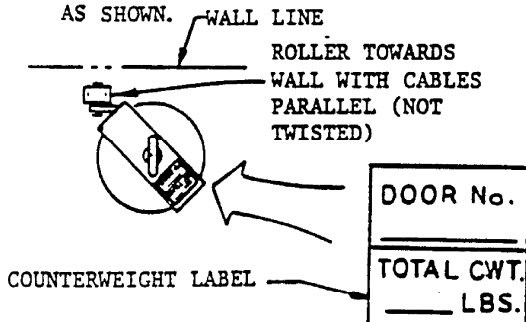
PLACING DOOR IN TRACK

**CAUTION:**

USE FOUR (4) CABLE CLAMPS PER CABLE. U-BOLT MUST BE PLACED OVER DEAD END OF CABLE AS SHOWN.

**STEPS:**

1. DOOR AND COUNTERWEIGHT LABELS MUST MATCH. LABELS ARE LOCATED ON TOP OF COUNTERWEIGHT STRAP AND OPPOSITE COUNTERWEIGHT SIDE OF DOOR PANEL BELOW TOP ROLLER BRACKET.
2. USE SHORTEST CABLE AND ATTACH TERMINAL END TO BOTTOM ROLLER BRACKET IN HOLE TOWARDS WALL ON COUNTERWEIGHT SIDE. RUN CABLE BEHIND ROLLERS AND OVER REAR SHEAVE GROOVE AND DOWN TO COUNTERWEIGHT.
3. USE LONGEST CABLE AND ATTACH TO BOTTOM ROLLER BRACKET IN HOLE TOWARDS WALL. RUN CABLE BEHIND ROLLERS, OVER SINGLE SHEAVE, ACROSS TO FRONT GROOVE OF DOUBLE SHEAVE DOWN TO COUNTERWEIGHT.
4. PULL CABLES FOR APPROX. EQUAL TENSION AND MAKE CONNECTIONS AT COUNTERWEIGHT AS SHOWN.



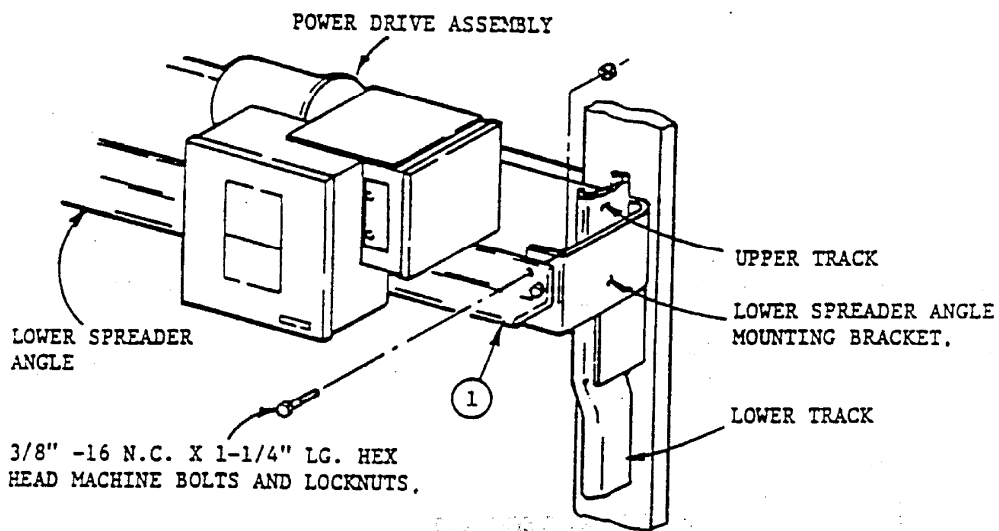
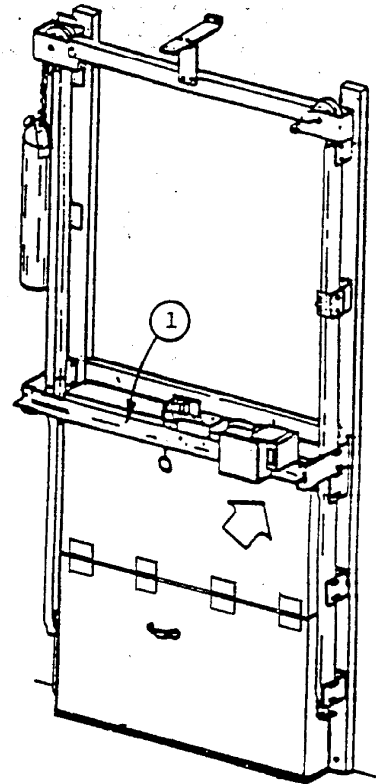
**STOP**

DOOR NUMBER AND TOTAL WEIGHT MUST MATCH BETWEEN DOOR AND COUNTERWEIGHT. DO NOT INSTALL IF NUMBERS OR WEIGHTS DO NOT AGREE. CALL JAMISON DOOR COMPANY FOR INSTRUCTIONS.

RIGGING DETAILS FOR L.H. COUNTERWEIGHT - R.H. COUNTERWEIGHT OPPOSITE

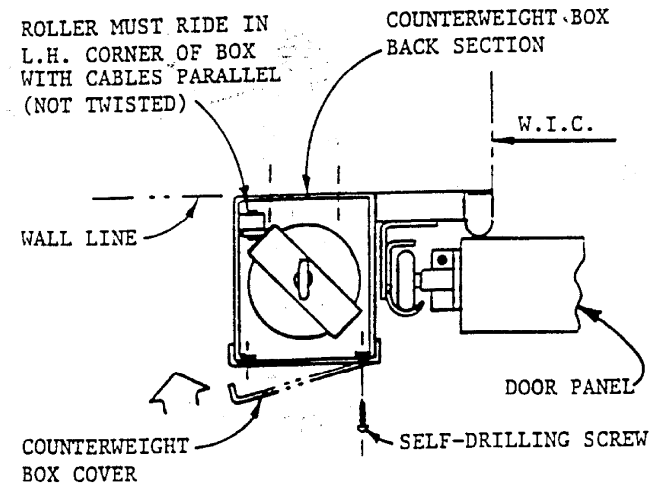
STEPS:

- ① INSTALL HORIZONTAL SPREADER ANGLE TO MOUNTING BRACKET ON EACH SIDE WITH FASTENINGS PROVIDED AS SHOWN.

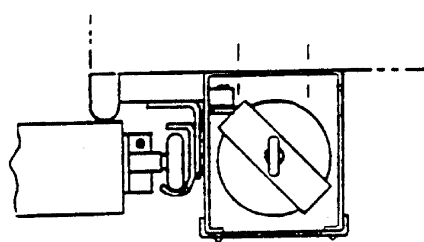


APPROX. 1000-1000-1000

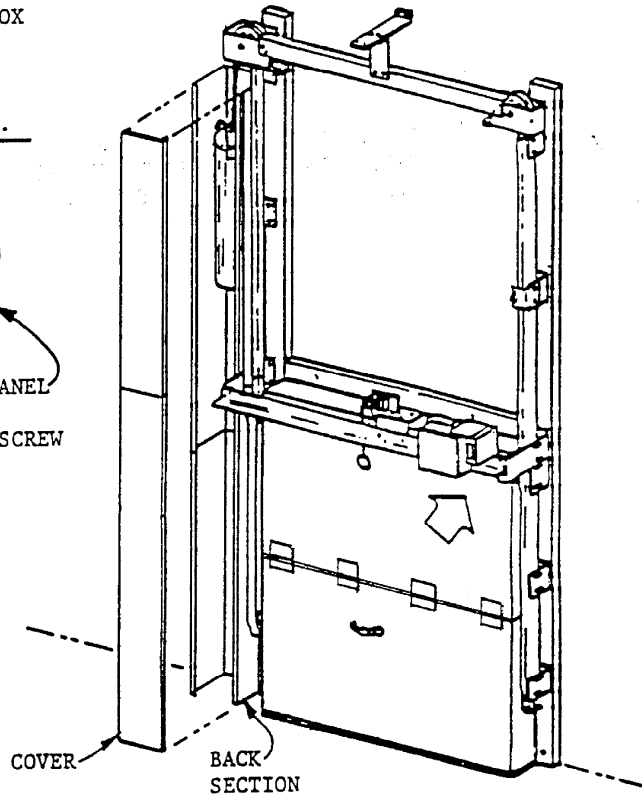
POWER DRIVE ASSEMBLY



L.H. COUNTERWEIGHT

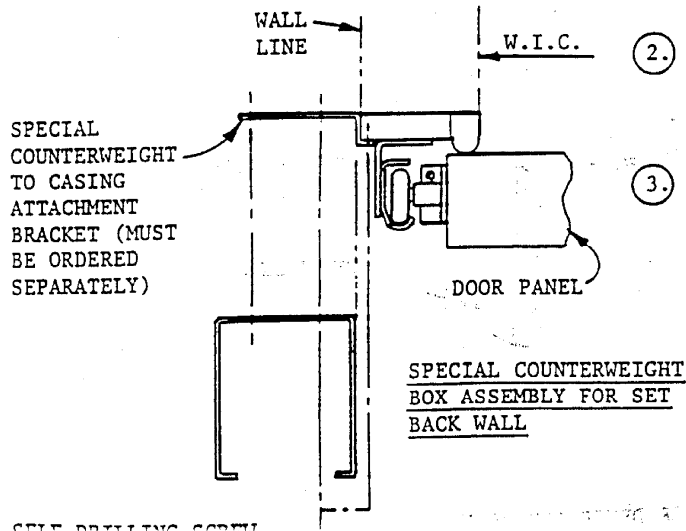


R.H. COUNTERWEIGHT



STEPS:

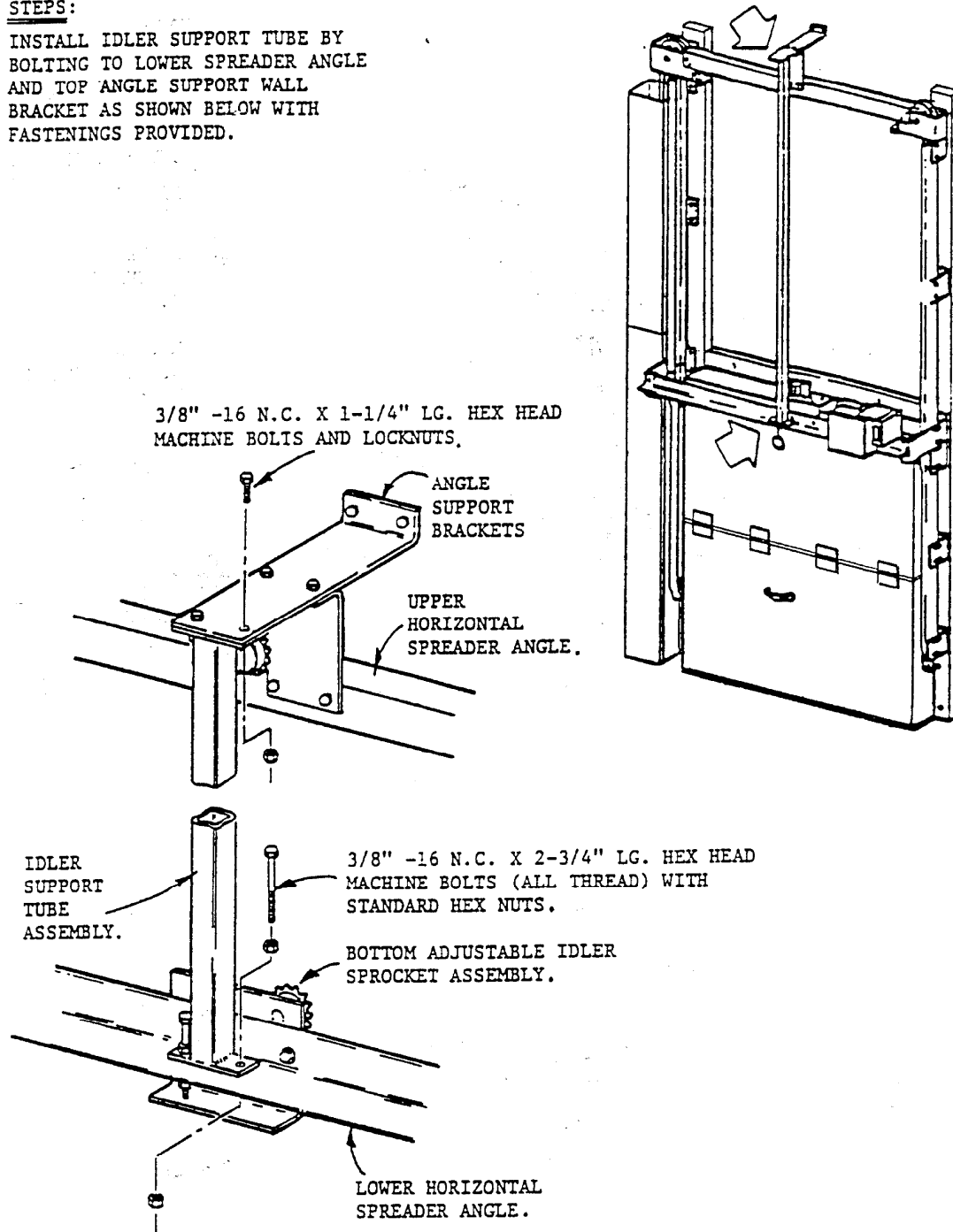
1. COUNTERWEIGHT ROLLER MUST RIDE IN L.H. CORNER OF COUNTERWEIGHT BOX, L.H. OR R.H. COUNTERWEIGHT DOORS. CABLES MUST NOT TWIST.
2. ATTACH COUNTERWEIGHT BOX BACK SECTIONS TO WALL OR SPECIAL CASING BRACKET USING #8 X 1/2" LG. SELF-DRILLING SCREWS. USE SHORT SECTION AT BOTTOM.
3. ATTACH BOX COVER LONG SECTION AT BOTTOM WITH #8 X 1/2" LG. SELF-DRILLING SCREWS.



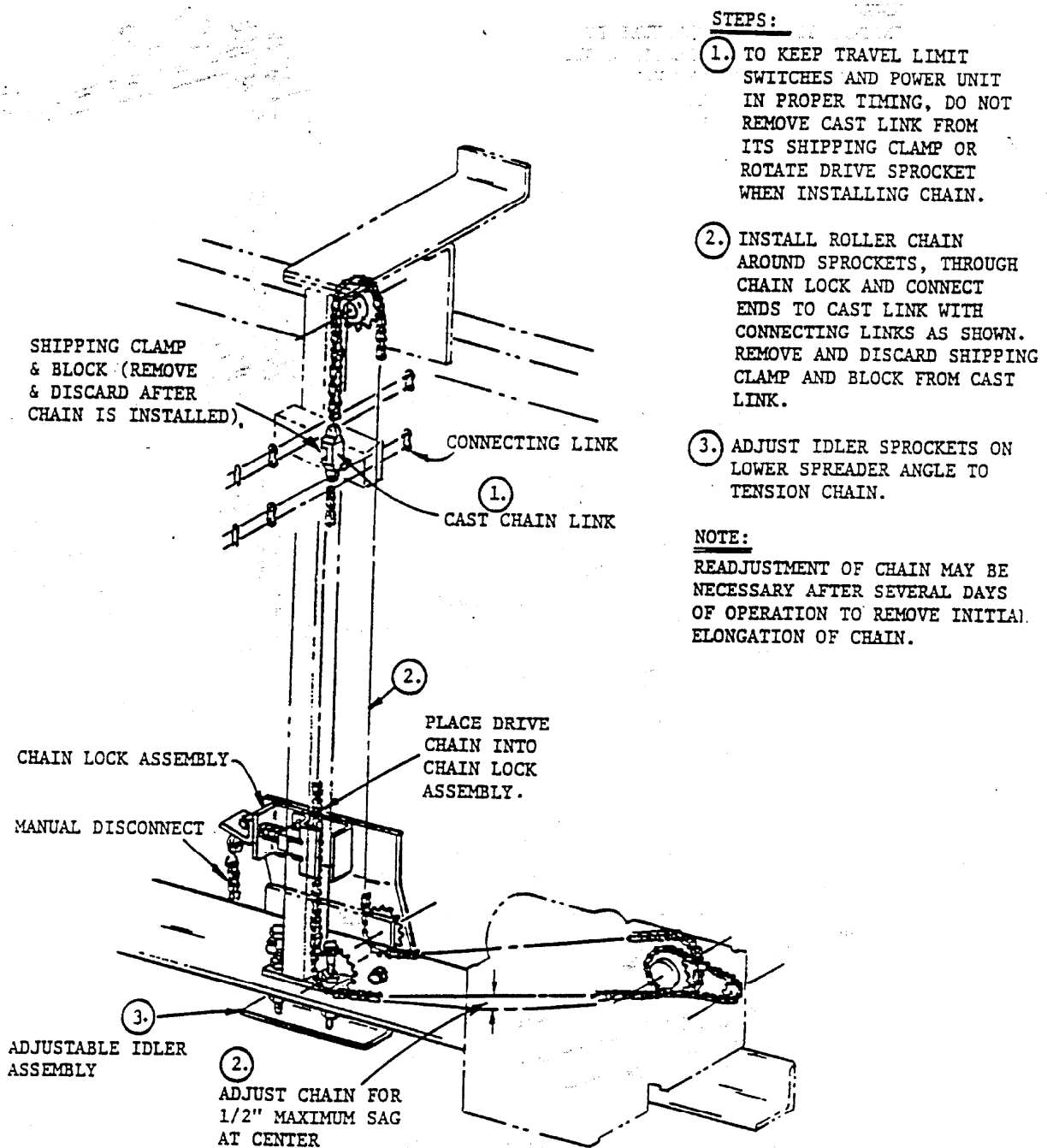
COUNTERWEIGHT BOX ASSEMBLY

STEPS:

INSTALL IDLER SUPPORT TUBE BY  
BOLTING TO LOWER SPREADER ANGLE  
AND TOP ANGLE SUPPORT WALL  
BRACKET AS SHOWN BELOW WITH  
FASTENINGS PROVIDED.



TOP AND BOTTOM IDLER ASSEMBLY ATTACHMENTS



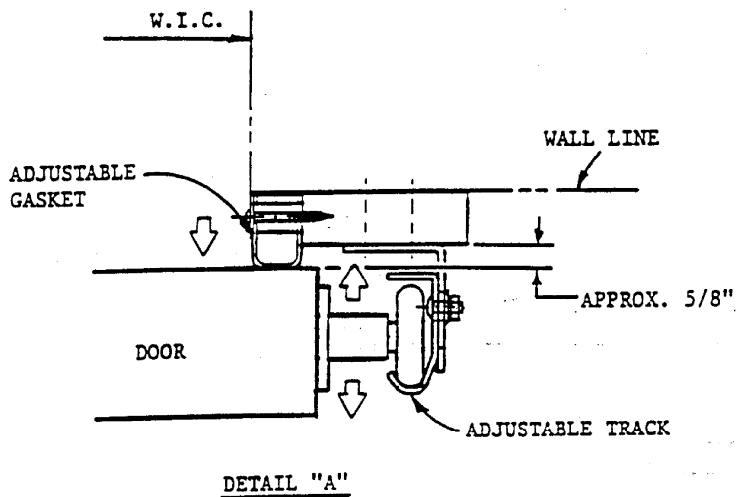
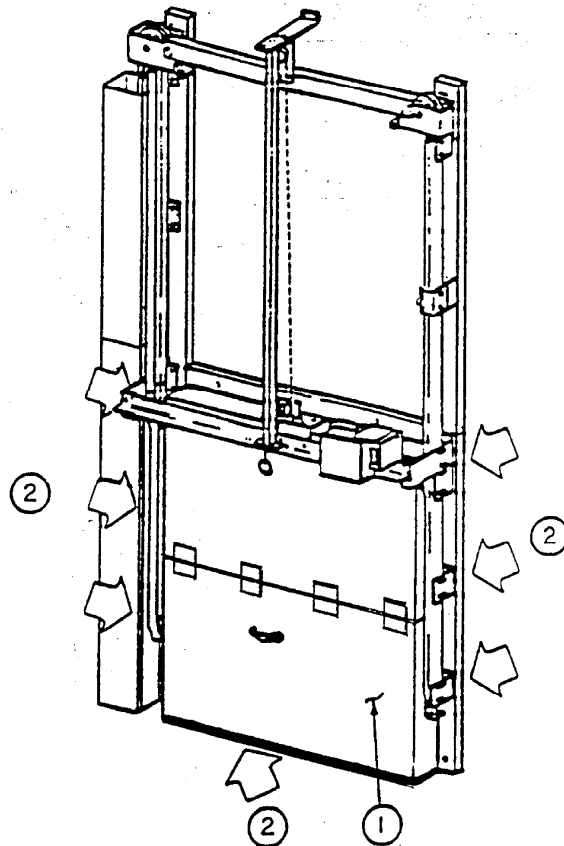
**STEPS:**

1. TO KEEP TRAVEL LIMIT SWITCHES AND POWER UNIT IN PROPER TIMING, DO NOT REMOVE CAST LINK FROM ITS SHIPPING CLAMP OR ROTATE DRIVE SPROCKET WHEN INSTALLING CHAIN.
2. INSTALL ROLLER CHAIN AROUND SPROCKETS, THROUGH CHAIN LOCK AND CONNECT ENDS TO CAST LINK WITH CONNECTING LINKS AS SHOWN. REMOVE AND DISCARD SHIPPING CLAMP AND BLOCK FROM CAST LINK.
3. ADJUST IDLER SPROCKETS ON LOWER SPREADER ANGLE TO TENSION CHAIN.

**NOTE:**

READJUSTMENT OF CHAIN MAY BE NECESSARY AFTER SEVERAL DAYS OF OPERATION TO REMOVE INITIAL ELONGATION OF CHAIN.

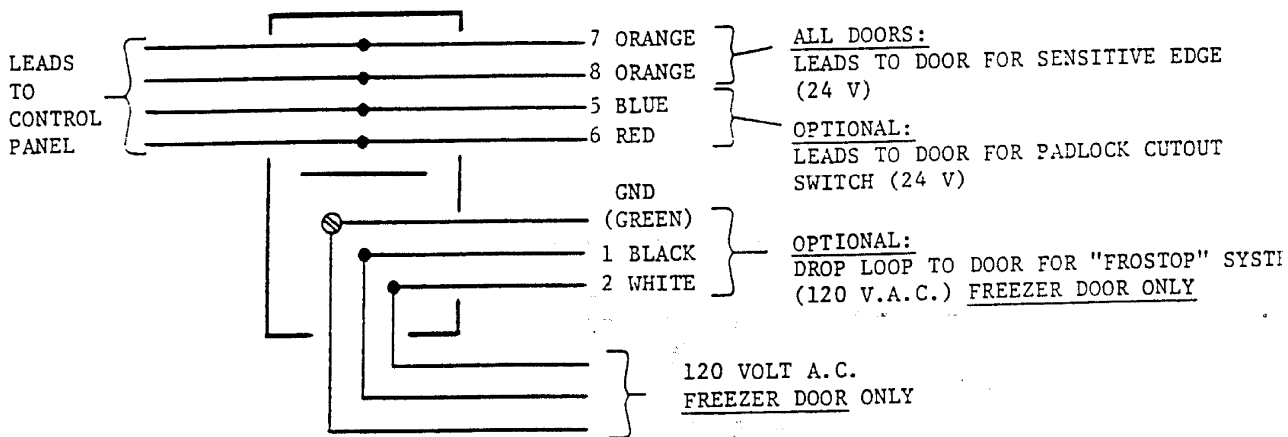
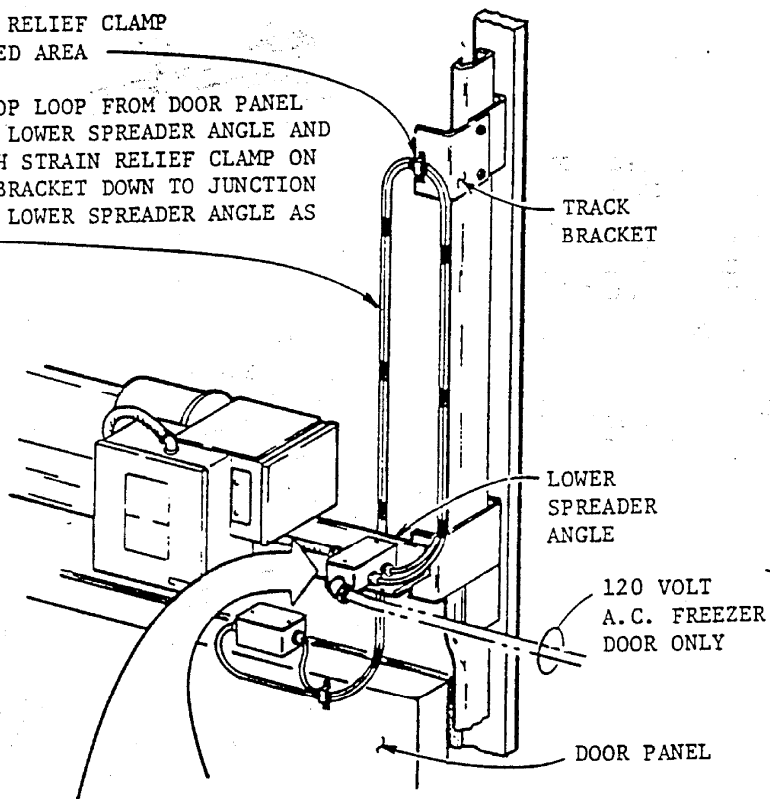
- ① OPERATE DOOR MANUALLY TO CHECK FOR ANY BINDING OR ALIGNMENT PROBLEMS.
- ② ADJUST DOOR FOR PROPER GASKET SEAL. LOOSEN TRACK FASTENINGS AND MOVE TRACK IN OR OUT AS REQUIRED TO ACHIEVE A GOOD GASKET SEAL. SEE DETAIL "A" BELOW. TIGHTEN ALL TRACK FASTENINGS. DO NOT OVER COMPRESS GASKET. ADJUST FRAME GASKETS OR SLEEVE NUTS ON CABLE TERMINAL ENDS IF NECESSARY TO ACHIEVE A GASKET SEAL ACROSS SILL, SEE PAGE 6.



#### DOOR AND GASKET ADJUSTMENTS

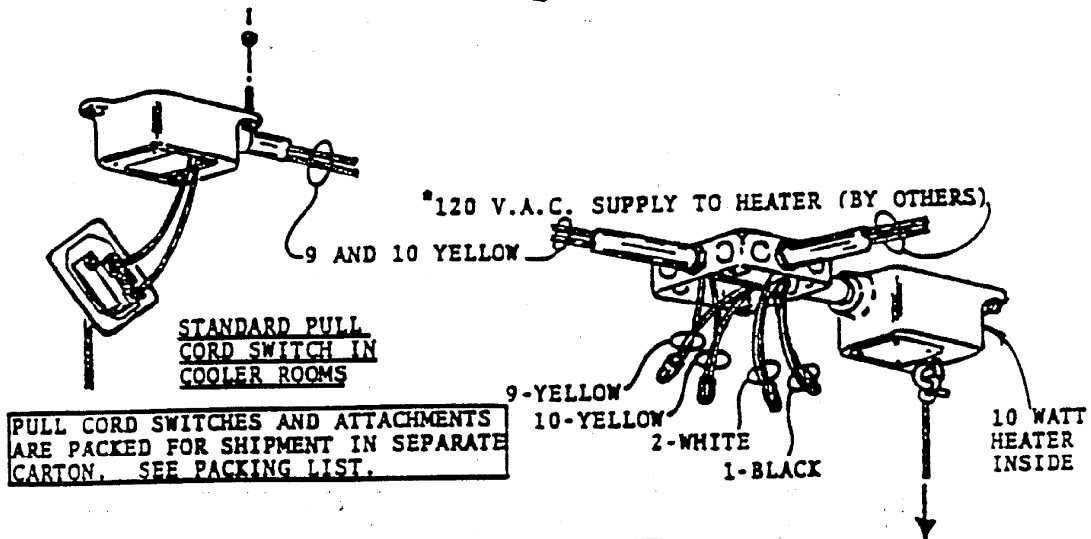
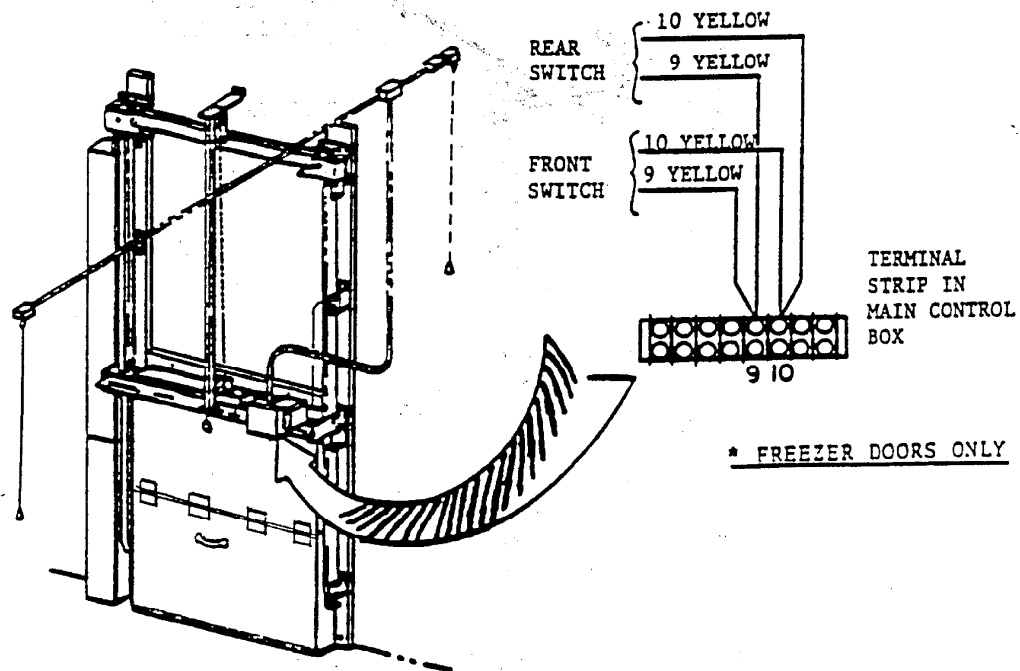
STRAIN RELIEF CLAMP  
AT TAPED AREA

RUN DROP LOOP FROM DOOR PANEL  
BEHIND LOWER SPREADER ANGLE AND  
THROUGH STRAIN RELIEF CLAMP ON  
TRACK BRACKET DOWN TO JUNCTION  
BOX ON LOWER SPREADER ANGLE AS  
SHOWN



JUNCTION BOX ON  
LOWER SPREADER ANGLE

# WIRING CONNECTION TO DOOR PANEL

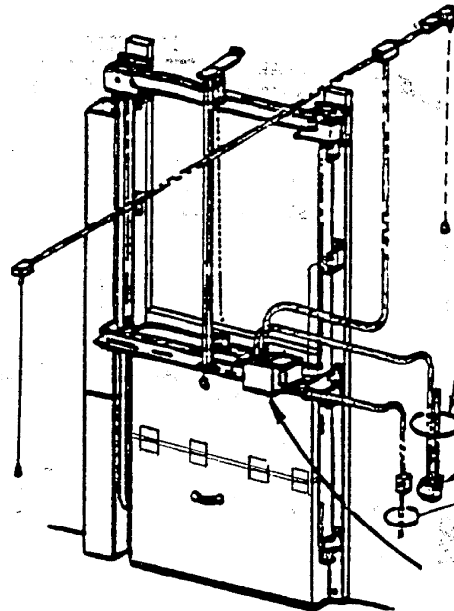


**WARNING:** MAIN ELECTRICAL SERVICE TO DOOR MUST BE OFF WHILE MAKING FIELD WIRING CONNECTIONS.

\* HEATED PULL CORD SWITCH IN FREEZER ROOM

PULL-CORD SWITCH CONNECTION WIRING AND CONDUIT NOT BY JAMISON - SEE WIRING DIAGRAM

# INSTALL DISCONNECTS AND WIRE DOOR

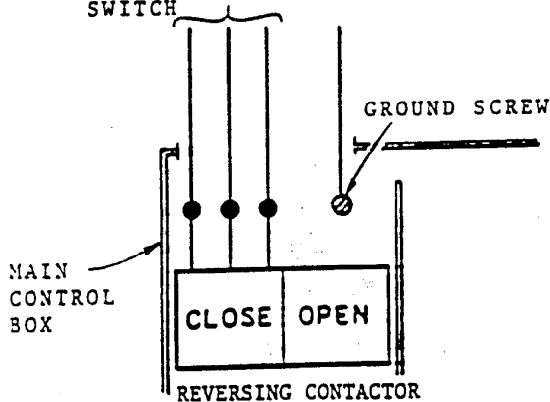


POWER SUPPLY MIN. #12 A.W.G. IN METAL CONDUIT (WIRE AND WIRING NOT BY JAMISON)

FUSE OR CIRCUIT BREAKER DISCONNECT SWITCH (NOT BY JAMISON. 3 POLE FOR 3 PHASE, 1 POLE FOR 1 PHASE SYSTEM)

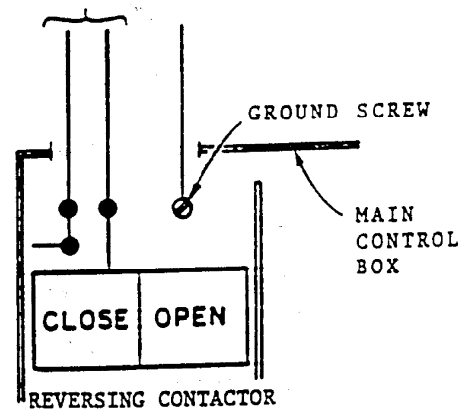
120 V.A.C. SUPPLY TO "FROSTOP" THRU KEY-SWITCH (NOT BY JAMISON), FREEZER DOOR ONLY

208/240/480 V.A.C., 3-PHASE  
POWER SUPPLY THRU DISCONNECT  
SWITCH



MAIN POWER CONNECTION  
208/240/480 V.A.C.,  
3-PHASE SYSTEM

120/240 V.A.C., 1-PHASE POWER  
SUPPLY THRU DISCONNECT SWITCH



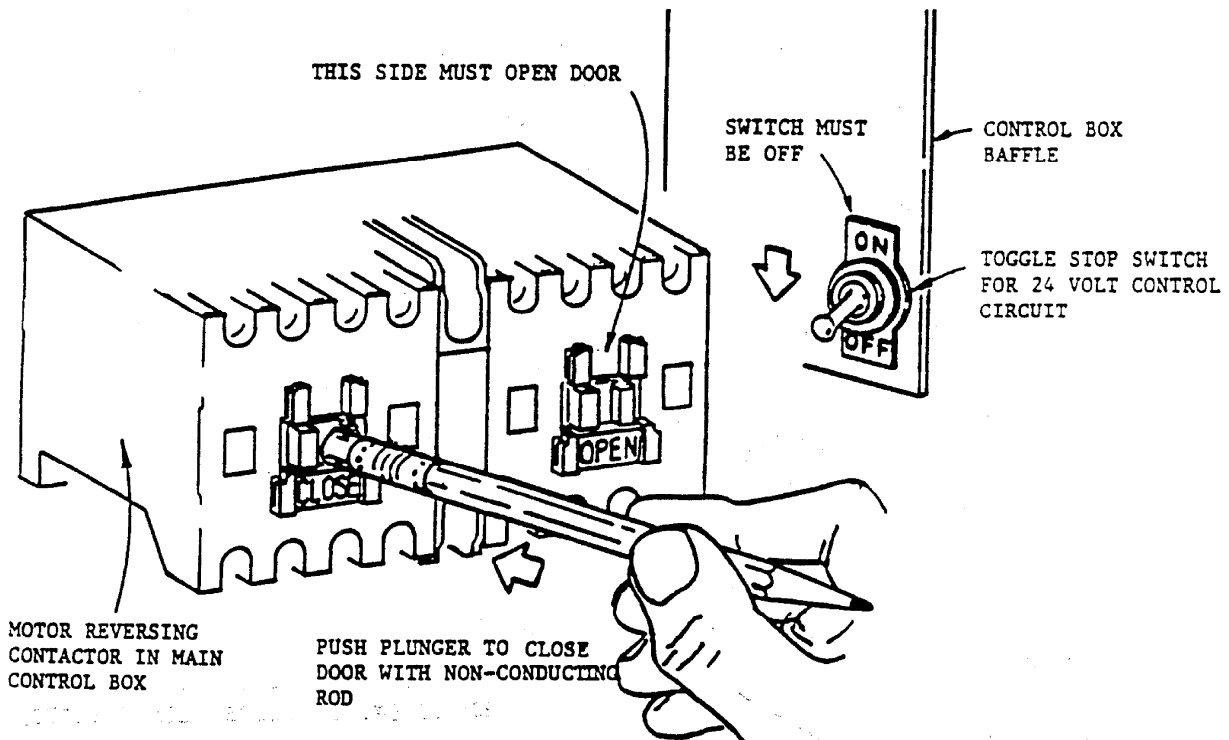
MAIN POWER CONNECTION  
120/240 V.A.C., 1 PHASE  
SYSTEM

CHECK MOTOR ROTATION: RIGHT SIDE  
OF MOTOR STARTER RELAY MUST OPEN  
DOOR. IF NOT, REVERSE ANY TWO  
(2) LEADS ABOVE. THIS WILL CORRECT  
PROBLEM. SEE PAGE 14.

CAUTION: DO NOT OPERATE DOOR UNTIL  
ELECTRIC CHECK-OUT IS MADE,  
SEE PAGE 14.

### TEST OPERATION UNDER POWER

- A. ENGAGE DOOR TO DRIVE LINK BEFORE MAKING ELECTRICAL CONNECTIONS OUTLINE BELOW:
- B. WARNING: MAKE SURE TOGGLE STOP SWITCH IS IN OFF POSITION.
- C. TURN ON MAIN POWER SUPPLY TO DOOR OPERATOR.
- D. CHECK MOTOR ROTATION: (3 PHASE ONLY) 1-PHASE PROCEED TO STEP 3 STEPS:
  1. MOMENTARILY DEPRESS LEFT SIDE OF STARTER RELAY INSIDE MAIN CONTROL PANEL WHILE OBSERVING DOOR, DOOR MUST CLOSE.
  2. DOOR TRAVEL:
    - A. IF DOOR RUNS CLOSE PROCEED TO STEP NO. 3.
    - B. IF DOOR OPENS YOU HAVE REVERSE ROTATION OF MOTOR. TO CORRECT, TURN OFF MAIN POWER SUPPLY AND REVERSE ANY TWO (2) LEADS OF INCOMING POWER SUPPLY. CHECK BY REPEATING STEP #1 ABOVE.
  3. AFTER CHECKING MOTOR ROTATION - TURN STOP SWITCH TO ON POSITION.

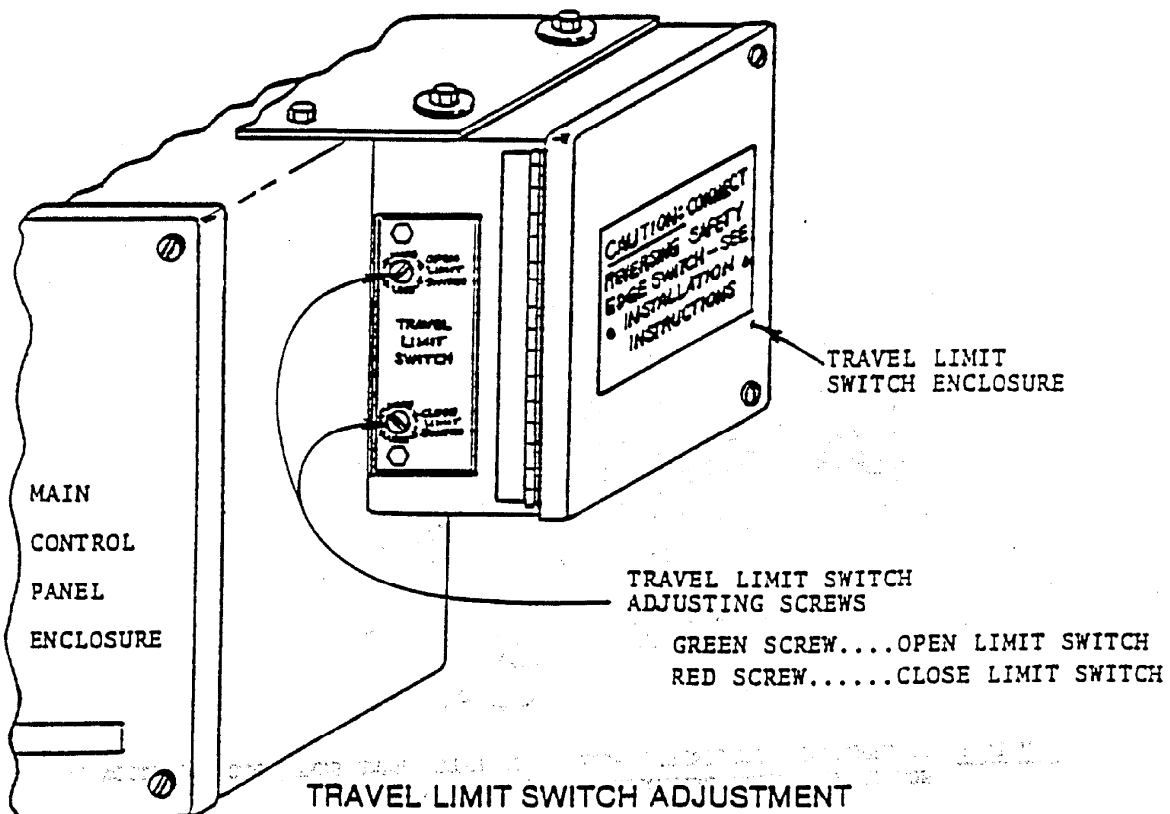


CAUTION: IF TEMPORARY ELECTRICAL HOOK-UP IS MADE, MAKE SURE MOTOR ROTATION IS NOT CHANGED WHEN PERMANENT POWER IS CONNECTED.

## TO ADJUST TRAVEL LIMIT SWITCH

### STEPS:

1. OPERATE DOOR MANUALLY FIRST. IF DOOR IS NOT ROLLING SMOOTHLY ON TRACK OR IS BINDING: RESOLVE PROBLEM THEN PROCEED WITH STEP NUMBER 2.
2. OPERATE DOOR UNDER POWER TO DETERMINE AMOUNT OF OVER-TRAVEL OR UNDER-TRAVEL, IF ANY. MAKE PROPER LIMIT SWITCH ADJUSTMENT PER INSTRUCTIONS ON OUTSIDE LABEL OF ENCLOSURE, SEE DRAWING BELOW. SCREW DRIVER TYPE ADJUSTMENT CAN BE MADE WITHOUT REMOVING ENCLOSURE COVER AS SHOWN. START WITH NO MORE THAN 1/4 TURN.....THEN PRECEDE UNTIL PROPER TRAVEL IS ACHIEVED. ADJUSTMENT SHOULD BE SUCH THAT DOOR WILL COAST TO A FULL OPEN OR CLOSED POSITION WITHOUT SLAMMING INTO DOOR STOPS.



TEST OPERATION UNDER POWER

1. THOROUGHLY TEST DOOR FOLLOWING "INSTRUCTIONS FOR OPERATION".
  - a. IF THE DOOR IS NOT FUNCTIONING PROPERLY, CAREFULLY RECHECK THE INSTALLATION PROCEDURE.
  - b. IF YOU CANNOT RESOLVE THE DIFFICULTY, CALL "SERVICE ENGINEER" AT HAGERSTOWN, MARYLAND 1-800-532-3667 OR MD PHONE (AREA CODE 301) 733-3100.

HAVE ALL INSTRUCTIONS IN FRONT OF YOU.

IMPORTANT: IN ALL COMMUNICATIONS, PLEASE STATE THE DOOR "MODEL NUMBER", "SERIAL NUMBER" AND "SERIES LETTER" FOUND ON MASTER LABEL PLATE ON THE FRONT OF THE CONTROL PANEL.

MODEL NO. <input type="text"/>	
SERIAL NO. <input type="text"/>	SERIES <input type="text"/>
POWER OPERATOR DATA <input type="text"/> VOLTS AC	
PHASE <input type="text"/>	HZ <input type="text"/> AMPS <input type="text"/>
RATING <input type="text"/> FOOT LBS. PER SECOND	
24 VOLT CONTROL CIRCUIT	
FROSTOP DATA: 120 VOLTS A.C.	
TOTAL AMPS <input type="text"/>	TOTAL WATTS <input type="text"/>
JAMISON DOOR COMPANY P.O. BOX 70 HAGERSTOWN, MARYLAND 21741	

MASTER LABEL PLATE ON FRONT OF CONTROL PANEL

MARK III VERTICAL SLIDING POWER DOOR

OPERATING INSTRUCTIONS

1. POWER OPERATION: (POWER MUST BE ON AND DRIVE LINK IN CHAIN LOCK ASSEMBLY.)

(a) TO OPEN:

1. WHEN DOOR IS CLOSED, PULL CORD ON "REMOTE CONTROL SWITCH."
2. WHEN DOOR IS IN MOTION CLOSING, CONTACT "SAFETY EDGE" UNDER DOOR. (CONTACTING "SAFETY EDGE" WILL ALSO OPEN DOOR IF FULLY CLOSED).

CAUTION:

A QUICK (LIGHTENING LIKE) CONTACT WITH THE "SAFETY EDGE" WILL STOP THE DOOR. IF THIS HAPPENS THE "SAFETY EDGE" MUST BE GIVEN A FIRM CONTACT TO REACTIVATE THE CIRCUIT. UNTIL CIRCUIT IS REACTIVATED, DOOR CANNOT BE OPERATED BY REMOTE PULL SWITCH.

(b) TO CLOSE:

WHEN DOOR IS OPEN, PULL CORD ON "REMOTE CONTROL SWITCH".

2. MANUAL OPERATION: (IF POWER FAILS)

FROM FRONT OF DOOR: (STANDARD)

PULL DOWN ON PULL RING TO MANUALLY RELEASE DOOR AND LIFT UP ON DOOR PULL SIMULTANEOUSLY. THIS WILL MANUALLY DISCONNECT DOOR FROM POWER DRIVE CHAIN AT CHAIN LOCK ASSEMBLY. RAISE DOOR WITH DOOR PULL AS NECESSARY.

POWER OPERATION IS AUTOMATICALLY RE-ESTABLISHED:

IF DRIVE CHAIN FAILS TO PICK UP DOOR, PULL DOOR TO "PARTIALLY OPEN POSITION" AND AGAIN OPERATE BY "REMOTE PULL SWITCH".

DRIVE PICK-UP LINK MAY MOVE AWAY FROM DOOR ON FIRST PULL OF SWITCH. ALLOW TIME FOR CHAIN TO GO "FULLY OPEN" AND "FULLY CLOSED".

3. OPERATED DOORS BY POWER: (MANUAL OPERATION SHOULD ONLY BE USED WHEN NECESSARY)

CAUTION:

IF YOU PULL CORD ON REMOTE CONTROL SWITCH AND MOTOR RUNS BUT DOORS DO NOT OPEN, CHECK FOR THE FOLLOWING.

- (a) SOMETHING MAY BE WEDGED UNDER OR BEHIND DOOR.
- (b) DOOR IS NOT ENGAGED WITH LINK IN MAIN DRIVE CHAIN.

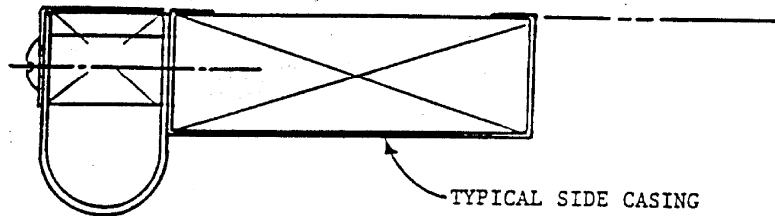
HOW TO ADJUST

1. TURN OFF POWER TO OPERATOR.

2. MOVE DOOR TO OPEN POSITION. LOOSEN GASKET ATTACHMENT SCREWS, PULL OUT GASKET AS REQUIRED TO OBTAIN A GOOD GASKET SEAL (APPROX. 1/8" COMPRESSION). DO NOT OVER COMPRESS GASKETS.

3. RETIGHTEN ATTACHMENT SCREWS.

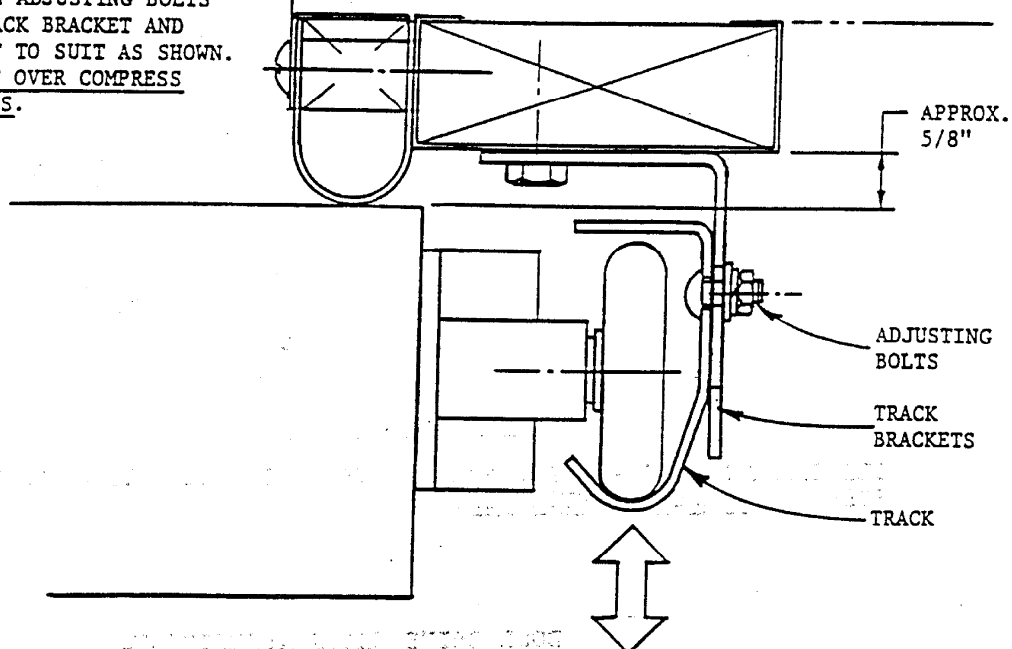
4. CHECK FOR PROPER SEAL.



1 - SEALING GASKET ADJUSTMENT

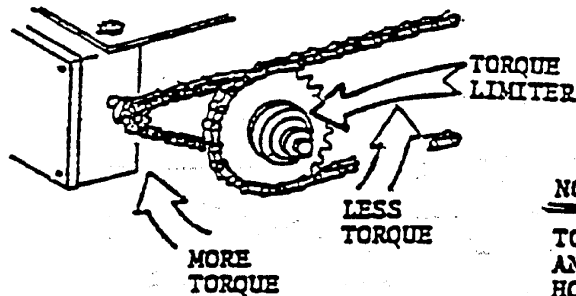
1. TURN OFF POWER TO OPERATOR.

2. LOOSEN ADJUSTING BOLTS IN TRACK BRACKET AND ADJUST TO SUIT AS SHOWN. DO NOT OVER COMPRESS GASKETS.



### TORQUE LIMITER ADJUSTMENT

TORQUE LIMITER IS LOCATED ON OUTPUT SPROCKET OF GEAR REDUCER.

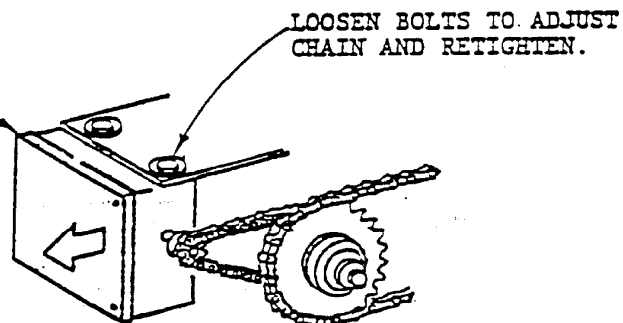


#### NOTE:

TORQUE LIMITER IS PRE-SET AT FACTORY AND SHOULD NOT NEED ADJUSTMENT. HOWEVER, IF NECESSARY, SEE DRAWING AT LEFT FOR MORE OR LESS TORQUE FOR POWER UNIT DRIVING FORCE.

### TRAVEL LIMIT SWITCH CHAIN ADJUSTMENT

MOVE LIMIT SWITCH ENCLOSURE TO TIGHTEN LIMIT SWITCH CHAIN. DO NOT ALLOW CHAIN TO SAG.

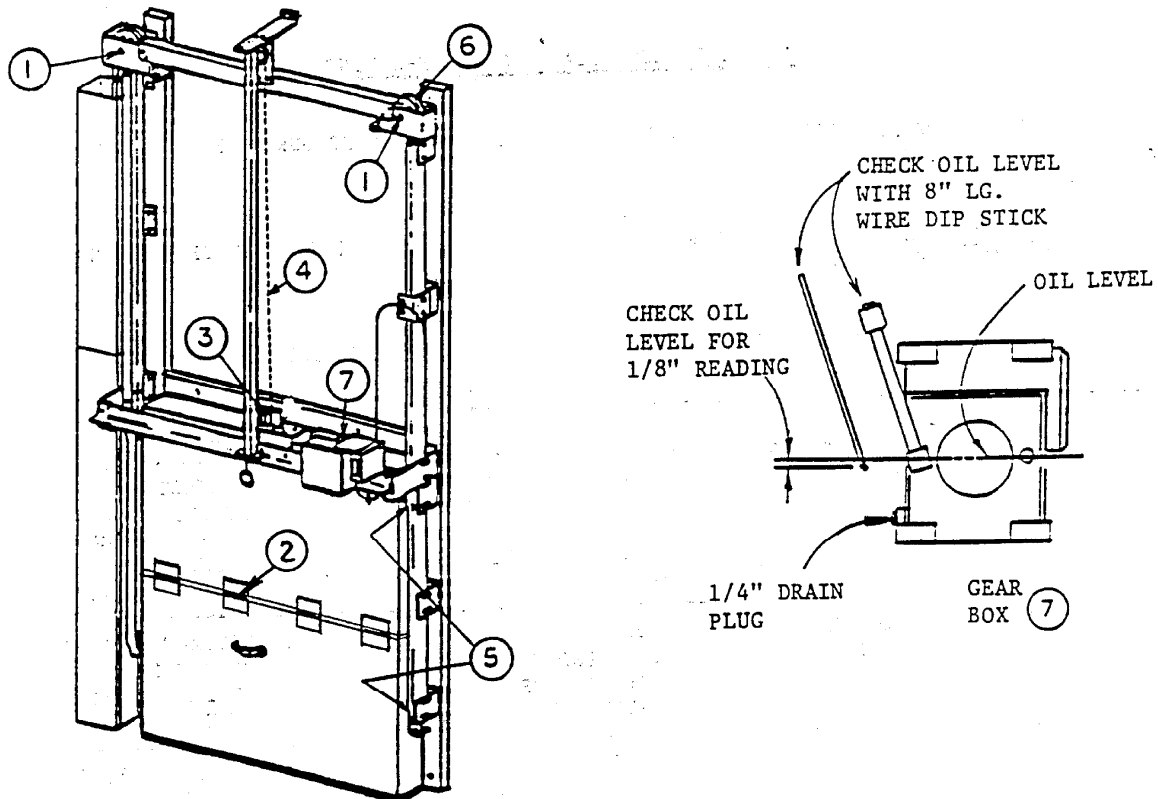


CHAIN IS ADJUSTED AT FACTORY AND SHOULD NOT REQUIRE ADJUSTMENT. HOWEVER, IF NECESSARY, SEE DWG. ABOVE FOR ADJUSTMENT.

### DRIVE CHAIN ADJUSTMENT

SEE SHEET NUMBER -9- AND MAKE DRIVE CHAIN ADJUSTMENT AS OUTLINED IN STEP 3. DO NOT OVERTIGHTEN.

### DOOR DRIVE CHAIN ADJUSTMENTS



### LUBRICATION INSTRUCTIONS

#### LUBRICATE AT 3 MONTH INTERVALS

GREASE - TO BE GOOD GRADE OF LITHIUM BASE GREASE

OIL --- TO BE GOOD GRADE OF S.A.E. 30 NON-DETERGENT MOTOR OIL

- (1) CABLE SHEAVES BEARINGS - GREASE
- (2) HINGE KNUCKLES - OIL
- (3) CHAIN LOCK - GREASE
- (4) ROLLER CHAIN - OIL
- (5) ROLLERS - OIL
- (6) LIFTING CABLES - APPLY WIRE ROPE LUBRICANT
- (7) GEAR BOX OIL LEVEL, USE MOBIL S-H-C #626 OR EQUAL.  
CHECK AT 6 MONTH INTERVALS.

### MARK III ELECTRICAL TROUBLE SHOOTING GUIDE

NOTE: DOOR MUST ROLL FREELY WITHOUT ANY DRAG OR BINDING DURING MANUAL OPERATION CHECK.

CAUTION: PRIOR TO THE FOLLOWING ELECTRICAL CHECK-OUT, DOOR MUST BE FULL OPEN OR FULL CLOSED.

#### TROUBLE SHOOTING STANDARD POWER CIRCUIT AND DRIVE SYSTEM

PROBLEM	PROBABLE CAUSE	REMEDY OR CHECK
A. DOOR WILL NOT RUN	1. NO POWER TO DOOR 2. STOP SWITCH IN OFF POSITION 3. PULL CORD SWITCHES 4. MOTOR OVERLOAD TRIPPED	1. CONNECT MAIN POWER SUPPLY TO DOOR 2. TURN STOP SWITCH ON 3. CHECK WIRES #9 & #10 4. RESET OVERLOAD
B. DOOR OPENS OR CLOSES APPROX. 6" THEN STOPS	1. DEFECTIVE HOLD SWITCH ON REVERSING CONTACTOR 2. OPEN OR CLOSED LIMIT SWITCH DEFECTIVE	1. REPLACE REVERSING CONTACTOR 2. REPLACE TRAVEL LIMIT SWITCH
C. DOOR WILL NOT CLOSE, OPENS OKAY	1. DEFECTIVE SENSITIVE EDGE (SHORTED)	1. REPAIR OR REPLACE SENSITIVE EDGE ASSEMBLY AS NECESSARY
D. DOOR WILL NOT OPEN BY SAFETY EDGE	1. DEFECTIVE SAFETY EDGE 2. DROP-LOOP WIRE BROKEN	1. REPAIR OR REPLACE SAFETY EDGE ASSEMBLY AS NECESSARY 2. REPLACE DROP-LOOP WIRE
E. 3-PHASE POWERTRON UNITS, DOOR TRAVELS IN WRONG DIRECTION-DOOR CLOSES BY SAFETY EDGE	1. CHECK MOTOR ROTATION	1. REVERSE ANY 2-LEADS OF MAIN POWER SUPPLY
F. DOOR OVERTRAVELS OR UNDERTRAVELS	1. TRAVEL LIMIT SWITCH ADJUSTMENT	1. RE-ADJUST SO DOOR COASTS INTO DESIRED POSITION
G. POWER UNIT RUNS (WILL NOT MOVE DOOR) AND MOTOR RUNNING LIGHT IS ON	1. BINDING IN DRIVE 2. TORQUE LIMITER	1. TURN OFF POWER, CHECK DOOR MANUALLY 2. TURN OFF POWER, THEN TIGHTEN TORQUE LIMITER SO DOOR WILL RUN SMOOTHLY WITHOUT A JERKY OPERATION