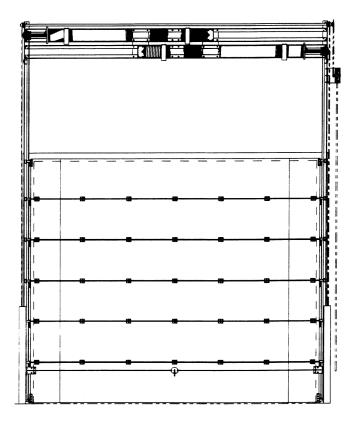
JAMISON INSTALLATION INSTRUCTIONS FOR MARK IV OVERHEAD HIGHLIFT MANUAL WITH CHAINFALL OPERATOR

AFTER INSTALLING DOOR FORWARD TO MAINTENANCE DEPARTMENT OR OWNER



JAMISON DOOR COMPANY

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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, CASING AND JAMBS ARE SHIPPED IN SEPARATE CRATE.
- 2. ONE CRATE CONTAINING DOOR LEAVES WITH ALL COMPONENTS PARTS AND ASSEMBLIES ATTACHED.
- ONE CARTON CONTAINING:
 a. PACKING LIST ITEMS
 b. INSTALLATION INSTRUCTIONS

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 DAMAGES AND SHORTAGES. CAREFULLY REPACK TO PREVENT FURTHER DAMAGE AND PILFERAGE.
- 3. REPORT **WITHIN 15 DAYS** IN WRITING TO TRANSPORTATION COMPANY, WITH A COPY TO JAMISON DOOR, ANY CONCEALED DAMAGE AND SHORTAGES. AFTER 15 DAYS, LAWS PERMIT THE TRANSPORTATION COMPANY TO REJECT ALL CLAIMS.

C. HANDLE ALL PARTS CAREFULLY

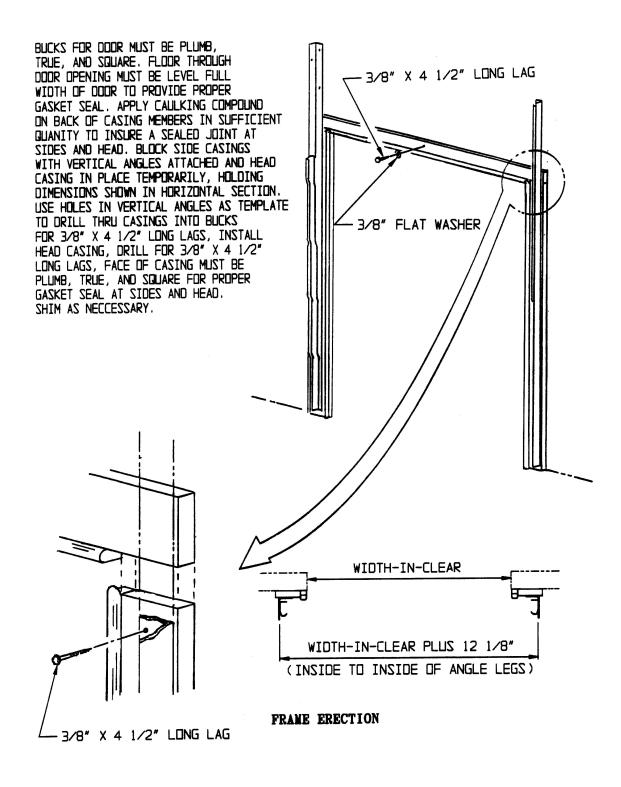
1. CERTAIN PARTS SUCH AS GASKET, ETC. ARE VULNERABLE.

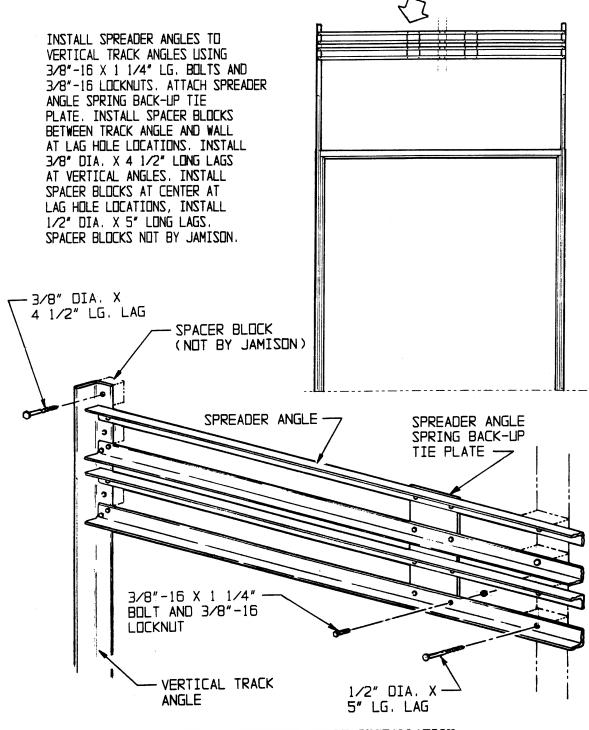
D. READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH INSTALLATION

- 1. INSTRUCTIONS INCLUDE BASIC DRAWINGS FOR ALL DOORS TYPES.
- 2. USE DRAWINGS APPLICABLE TO YOUR DOOR.
- 3. REFER TO JOB DRAWINGS FOR SPECIAL FEATURES.

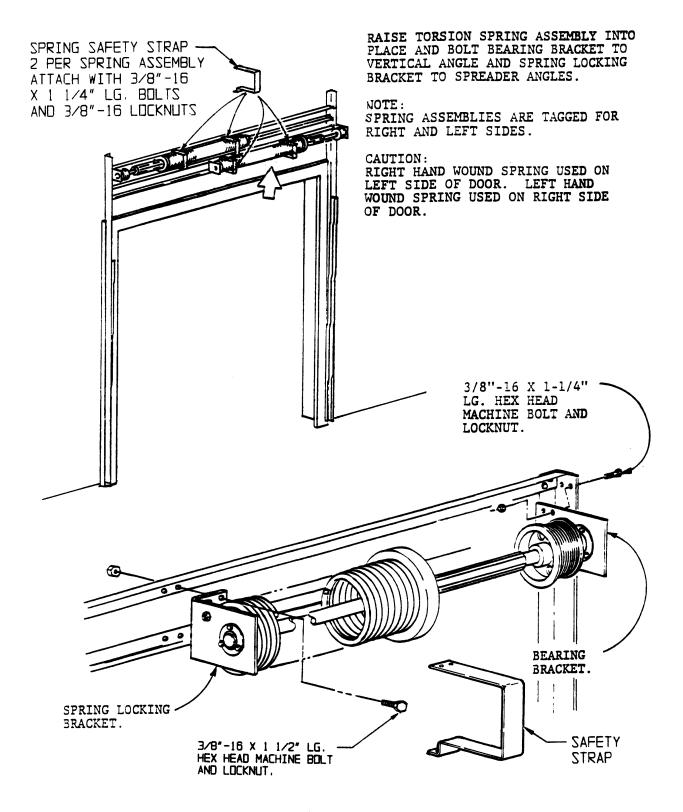
E. PLAN AHEAD

- 1. CHOOSE INSTALLERS WHO ARE MILLWRIGHTS OR HAVE EQUAL QUALIFICATIONS.
- 2. HAVE ALL TOOLS AND MATERIALS FOR INSTALLATION READILY AVAILABLE.

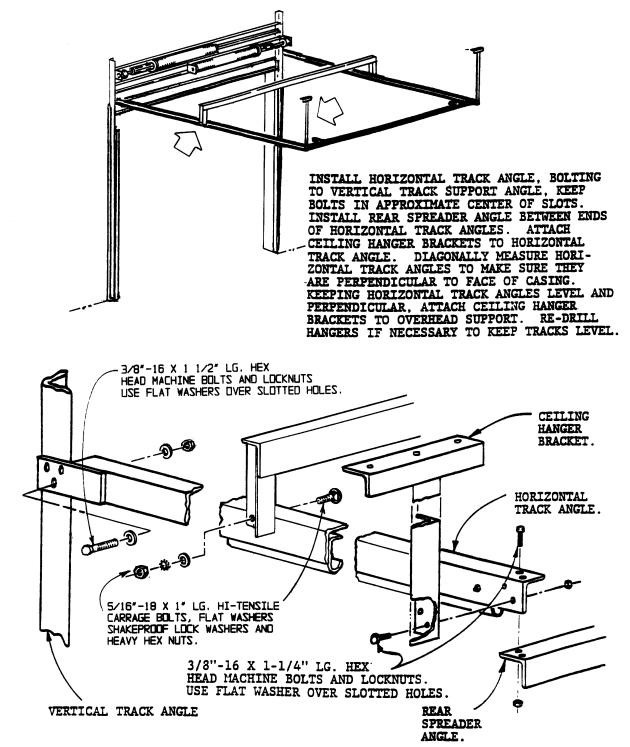




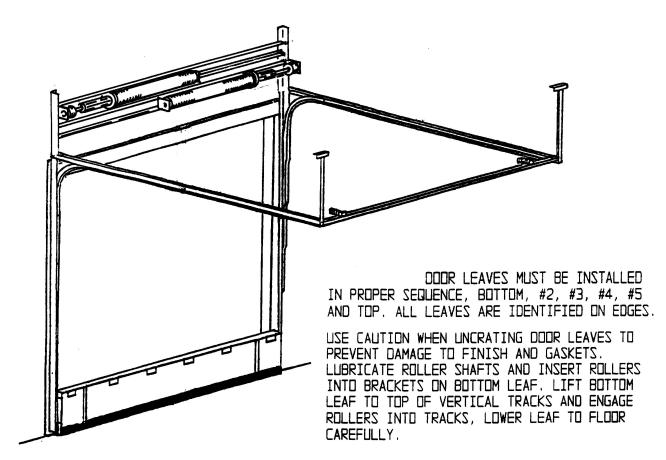
TORSION SPRING MOUNTING ANGLE INSTALLATION

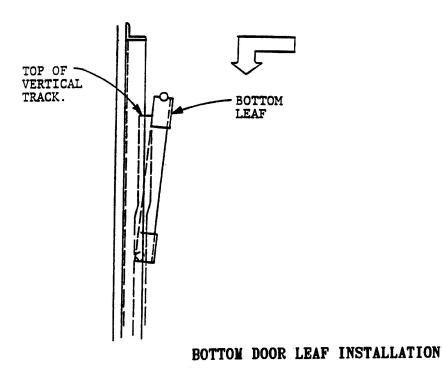


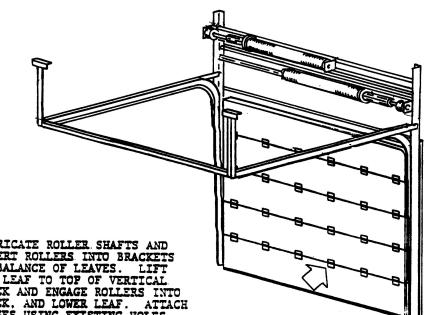
TORSION SPRING MOUNTING





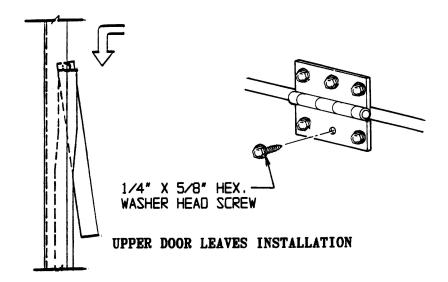




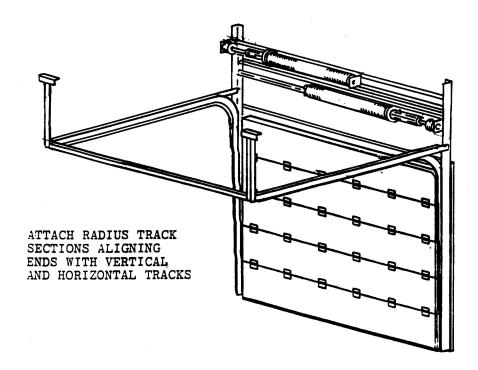


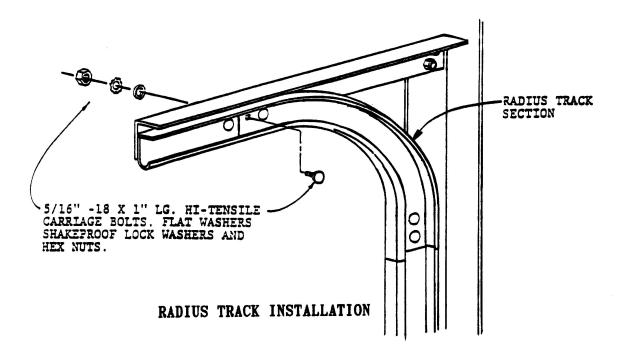
LUBRICATE ROLLER SHAFTS AND INSERT ROLLERS INTO BRACKETS ON BALANCE OF LEAVES. LIFT 2ND LEAF TO TOP OF VERTICAL TRACK AND ENGAGE ROLLERS INTO TRACK. AND LOWER LEAF. ATTACH HINGES USING EXISTING HOLES. INSTALL BALANCE OF LEAVES IN SEQUENCE, AND ATTACH HINGES.

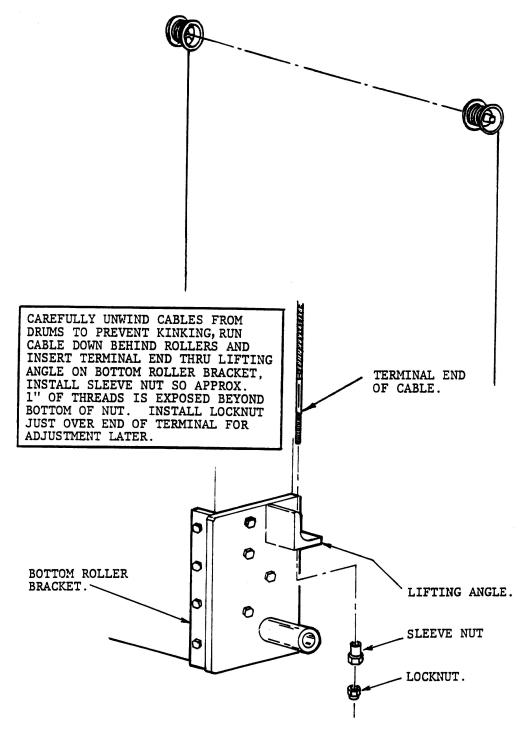
TOP LEAF MUST BE BLOCKED OR TIED IN PLACE UNTIL RADIUS TRACK IS INSTALLED. NOTE :



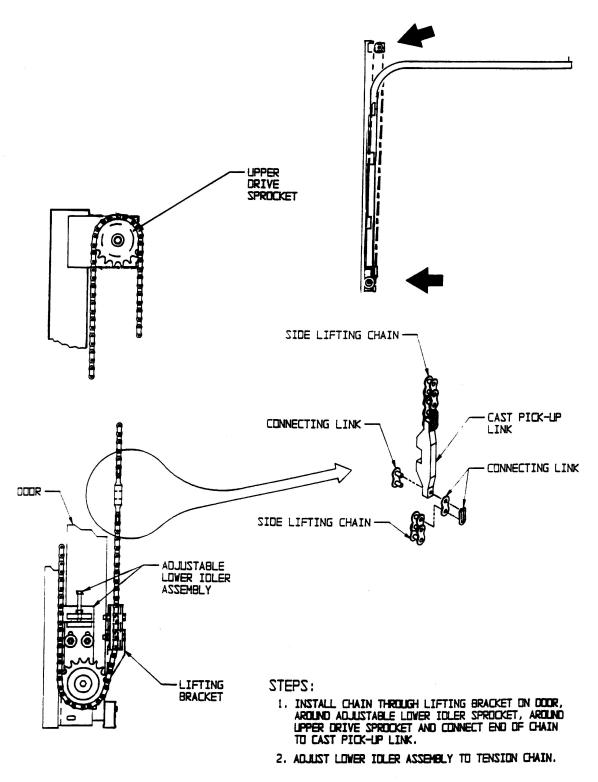
Jamison Door Company



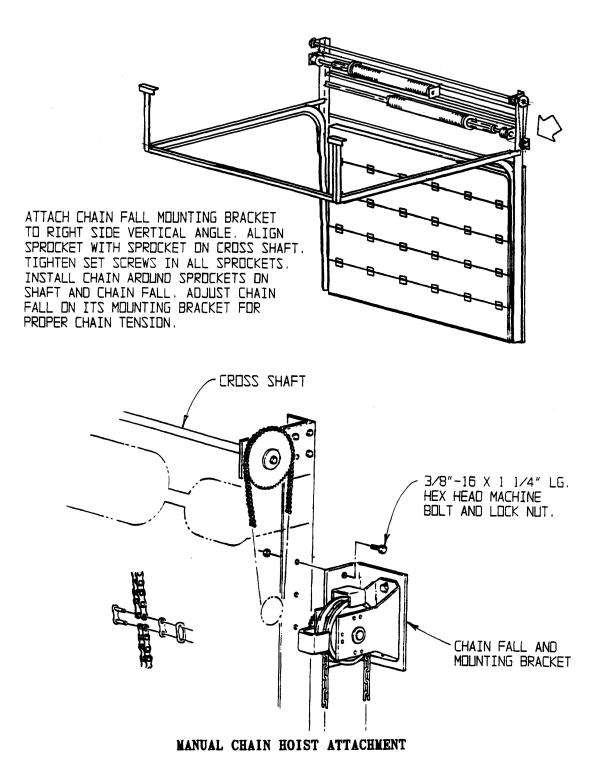




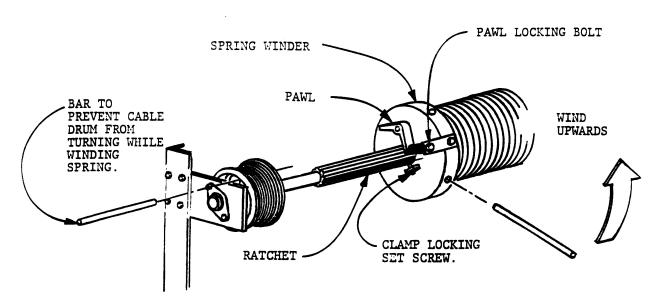
LIFTING CABLE ATTACHMENT



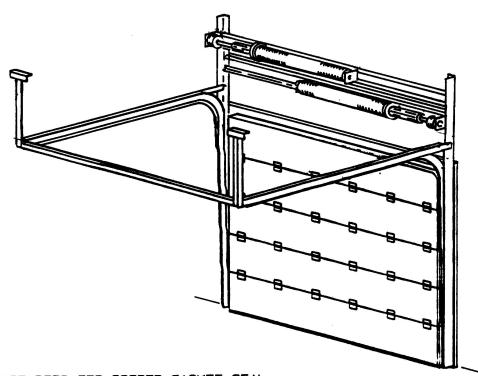
SIDE LIFTING CHAIN ATTACHMENT



SPRAY PAINT A HORIZONTAL LINE ACROSS SPRINGS PRIOR TO WINDING. THIS WILL SHOW-UP AS STRIPES INDICATING NUMBER OF TURNS ON WOUND SPRING THOROUGHLY LUBRICATE TORSION SPRING ASSEMBLIES BY BRUSHING LIGHT COAT OF #30 WEIGHT DIL OVER COMPLETE SPRINGS. INSERT BAR OR HEAVY SCREWORIVER THRU CABLE DRUM TO PREVENT TORQUE SHAFT FROM TURNING. USING 5/8" X 18" LONG WINDING BAR FURNISHED, WIND TORSION SPRINGS, KEEPING TRACK OF NUMBER OF TEETH OR "CLICKS" ON RATCHET AS IT IMPORTANT TO WIND BOTH SPRINGS THE SAME NUMBER IZ OF TURNS. WIND EACH SPRING 78 TEETH OR "CLICKS" INITIALLY. BEFORE OPERATING DOOR, SLIDE SPRING WINDER APPROXIMATELY 1" OUT ON RATCHET BY TAPPING SPRING WINDER LIGHTLY. THIS WILL HELP RELIEVE FRICTION BETWEEN COILS. TIGHTEN PAWL LOCKING BOLT AND CLAMP LOCKING SET SCREW. OPERATE DOOR THRU ITS FULL TRAVEL, OPEN AND CLOSE. IT SHOULD REQUIRE APPROXIMATELY SAME PULL TO OPEN AND CLOSE. INCREASE OR DECREASE THE NUMBER OF WINDS EQUALLY ON SPRINGS UNTIL THIS IS ACHIEVED. ADJUST SLEEVE NUTS ON LIFTING CABLES TO LEVEL BOTTOM OF DOOR. TIGHTEN LOCKNUTS AGAINST SLEEVE NUTS.



TORSION SPRING TENSIONING



ADJUST DODR FOR PROPER GASKET SEAL. LODSEN TRACK FASTENINGS AND MOVE TRACK IN OR OUT AS REQUIRED TO ACHIEVE GASKET SEAL. THERE SHOULD BE APPROXIMATELY 5/8" FROM FACE OF CASING TO BACK OF DODR. TIGHTEN ALL TRACK FASTENINGS.

