

STEP #3 - CHAIN HOIST INSTALLATION

- A. SLIDE 1" SET COLLARS (16) OVER AXLE ON EACH END OF DOOR. MAKE SURE DOOR IS CENTERED ON AXLE AND TIGHTEN SET SCREWS TO POSITION COLLAR SECURELY AGAINST BEARING ON EACH END DRUM (SEE DIAGRAM 5).
- B. INSTALL DRIVE SPROCKET (21) ON PREFERRED SIDE USING 3/8" X 2-3/4" HEX HEAD BOLTS (SEE DIAGRAM 6).
- C. SLIDE POCKET WHEEL ASSEMBLY ONTO DOOR AXLE AND ALIGN SPROCKETS PARALLEL TO EACH OTHER.
- D. CONNECT DRIVE CHAIN (22) AROUND BOTH SPROCKETS USING MASTER LINK PROVIDED.
- E. AFTER DOOR TENSION HAS BEEN ADJUSTED (STEP 9) TIGHTEN SET SCREWS ON POCKET WHEEL ASSEMBLY. IF FURTHER ADJUSTMENT IS NEEDED, SET SCREWS MUST BE LOOSENED FOR ADJUSTMENT AND RETIGHTENED.

STEP #4 - POSITION DOOR ASSEMBLY ON SUPPORT BRACKETS

- A. SLIDE AXLE SUPPORTS OVER AXLE ON EACH END OF DOOR, POSITION DOOR ASSEMBLY ONTO SUPPORT BRACKETS. CENTER DOOR IN OPENING AND ALIGN AXLE SUPPORTS WITH BRACKETS AS SHOWN (SEE DIAGRAM 7).
- B. FASTEN AXLE SUPPORTS TO SUPPORT BRACKETS USING TWO - 3/8" X 3/4" HEX HEAD BOLTS (27), TWO - 3/8" LOCK WASHERS (26) AND TWO - 3/8" FLAT WASHER (25) PER SIDE (SEE DIAGRAM 8).
- C. TIGHTEN THE SET SCREWS ON EACH AXLE SUPPORT NOTE: MINIMUM 40 LBS. TORQUE TO PROPERLY SECURE HARDWARE.

STEP #5 - INSTALL HEADSTOPS

A. ONCE YOU HAVE DOOR SECURELY FASTENED TO THE SUPPORT BRACKETS, INSTALL THE HEADSTOPS TO THE GUIDES USING THE 1/4 - 20 X 1/2" CARRIAGE BOLTS (29) AND 1/4"-20 LOCK NUTS (28) PROVIDED (SEE DIAGRAM 8).

STEP #6 - INSTALL DOOR GUIDES

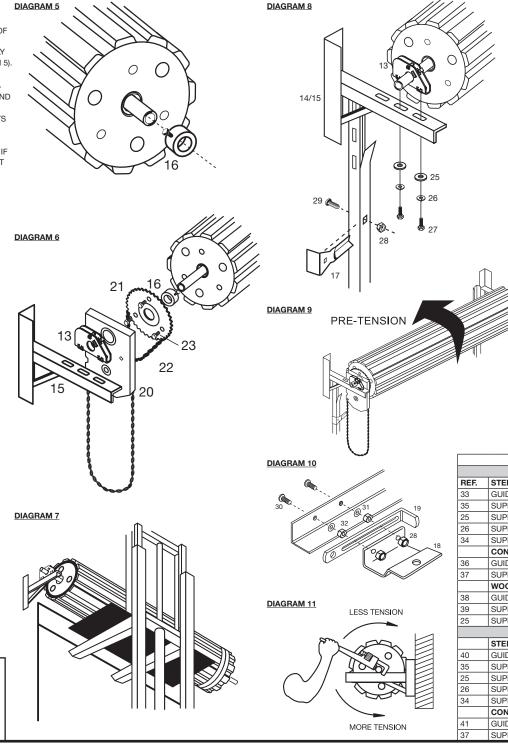
- A. VERIFY GUIDES ARE PLUMB, ATTACH TO WALL WITH APPROPRIATE FASTENERS PROVIDED.
- B. GUIDES SHOULD BE INSTALLED AT DOOR CURTAIN WIDTH + 1" FOR NON-WINDLOCK DOOR AND CURTAIN WIDTH + 1 3/4" FOR WINDLOCK DOOR MODELS. DIMENSION IS MEASURED FROM BACK TO BACK OF EACH GUIDE.
- C. ATTACH ONE FASTENER AT TOP & BOTTOM OF EACH GUIDE TO HOLD IN PLACE.

STEP #7 - PRETENSION DOOR

- A. ROTATE DOOR TOWARD THE OPENINGS 2 TURNS (SEE DIAGRAM 9).
- B. WARNING: HOLD ONTO DOOR TO PREVENT COUNTER-ROTATION. CUT THE PLASTIC HOLDING THE DOOR IN A ROLL AND PULL DOOR DOWN INTO THE GUIDES WELL PAST THE HEADSTOPS.



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STEP #8 - INSTALL BOTTOM BAR HARDWARE

- A. INSTALL DOOR STOPS (18) AND THE SLIDE BOLT LOCKS (19) USING TWO - 1/4 - 20 X 1" CARRIAGE BOLTS (30), 1/4" FLAT WASHER (31), 5/16" HEX NUT (32) AND 1/4"-20 LOCK NUT (28) PER SIDE (SEE DIAGRAM 10).
- B. ELECTRICALLY OPERATED DOORS REQUIRE DOOR STOPS (18) ONLY TO BE INSTALLED UNLESS ELECTRICAL INTERLOCKS ARE USED IN CONJUNCTION WITH SLIDE BOLT LOCKS.

STEP #9 - CHECK DOOR OPERATION FINISH GUIDE INSTALLATION

A. RAISE AND LOWER DOOR TO TEST FOR PROPER BALANCE. WARNING: MAKE SURE DOOR IS IN THE FULLY OPEN POSITION PRIOR TO MAKING ADJUSTMENTS.

- B. IF DOOR IS HARD TO OPEN BUT EASY TO CLOSE, INCREASE SPRING TENSION.
- C. IF DOOR IS EASY TO OPEN BUT HARD TO CLOSE, DECREASE SPRING TENSION.
- D. TO ADJUST TENSION RAISE DOOR TO ENGAGE DOOR STOPS AND HEADSTOPS. FOR EXTRA SECURITY, TIE ROPE AROUND DOOR COIL. YOU WILL NEED TWO PEOPLE TO ADJUST DOOR TENSION PROPERLY.
- E. EACH PERSON SHOULD FIRMLY PLACE A PIPE WRENCH ON AXLE AS SHOWN (SEE DIAGRAM 11). LOOSEN AXLE SUPPORT SET SCREWS AND PULL DOWN FOR MORE TENSION OR RAISE UP FOR LESS TENSION. RETIGHTEN ALL SET SCREWS.
- F. TIGHTEN SET SCREWS ON POCKET WHEEL CHAIN HOIST ASSEMBLY.
- G. RAISE AND LOWER DOOR TO CHECK FOR PROPER BALANCE.
- H. IF BALANCE AND OPERATION WITHIN DOOR GUIDES IS ACCEPTABLE, RAISE DOOR TO FULLY OPEN POSITION AND COMPLETE INSTALLATION OF REMAINING GUIDE FASTENERS TO THE WALL (JAMB).
- I. FOR NON-WINDLOAD DOORS THE REQUIRED GUIDE FASTENER FREQUENCY IS ONE IN THE BOTTOM AND TOP HOLES AND 24" ON CENTER OTHERWISE. FOR WINDLOAD DOORS THE FREQUENCY IS 12" ON CENTER.

TRACK & BRACKET MOUNTING HARDWARE				
NON-WINDLOAD DOORS				
REF.	STEEL	PART #	DESCRIPTION	QTY.
33	GUIDE	730399-1	#14 -1/4" X 3/4" HEX HEAD TEK SCREW	12
35	SUPPORT BRACKET	730102-1	3/8-16 X 1-1/4" HEX HEAD BOLT	4
25	SUPPORT BRACKET	750103-1	3/8" FLAT WASHEB	8
26	SUPPORT BRACKET	750203-1	3/8" LOCK WASHER	4
34	SUPPORT BRACKET	740103-1	3/8"-16 HEX HEAD NUT	4
	CONCRETE		DESCRIPTION	QTY.
36	GUIDE	760204-1	1/4" X 1-1/4" HEX HEAD TAPCON SCREW	12
37	SUPPORT BRACKET	760102-1	1/2" X 2-1/4" SLEEVE ANCHOR	4
	WOOD		DESCRIPTION	QTY.
38	GUIDE	730400-1	1/4" X 1" LAG SCREW	12
39	SUPPORT BRACKET	730401-1	3/8" X 3" LAG SCREW	4
25	SUPPORT BRACKET	750103-1	3/8" FLAT WASHER	4
WINDLOAD DOORS				
	STEEL	PART #	DESCRIPTION	QTY.
40	GUIDE	760206-1	#14 -1/4" X 1" PANCAKE HEAD TEK SCREW	20
35	SUPPORT BRACKET	730102-1	3/8-16 X 1-1/4" HEX HEAD BOLT	4
25	SUPPORT BRACKET	750103-1	3/8" FLAT WASHER	8
26	SUPPORT BRACKET	750203-1	3/8" LOCK WASHER	4
34	SUPPORT BRACKET	740103-1	3/8"-16 HEX HEAD NUT	4
	CONCRETE		DESCRIPTION	QTY.
41	GUIDE	760207-1	1/4" X 1-1/4" FLAT HEAD TAPCON SCREW	20
37	SUPPORT BRACKET	760102-1	1/2" X 2-1/4" SLEEVE ANCHOR	4