INSTRUCTIONS FOR MOUNTING HAND BRAKE ON TILTING ARBOR SAW

1. Install brake shoe holder casting in its place by using the four button head screws.

2. Insert Woodruff key into shaft and slide brake drum on the shaft. Leave about 1/16" clearance between brake shoe holder casting and brake drum. Tighten the set screw in brake drum.

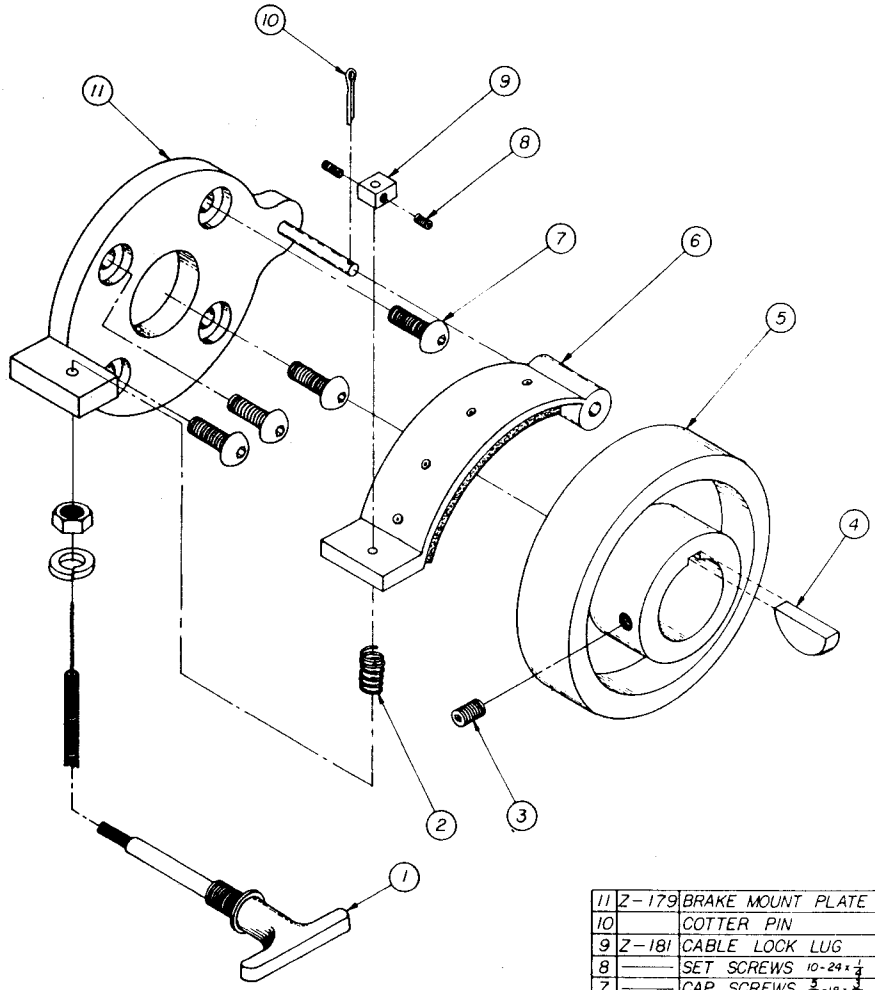
3. Drill a 21/64" hold and tap 3/8" S.A.E. thread into the base at a point on the operator's side, approximately 18½" up from bottom of the base, or in a horizontal line with the motor elevating shaft, and centered between the edge of the base and the elevating hand wheel. Note: The tilting arbor should be set at zero degrees.

4. Slide the tee handle control rod through this hole and screw the threaded bushing in as far as it will go and still leave the tee handle in a horizontal position. Tighten the lock nut against the base. The control cable should run under the apron tilting screw bracket. Now bring the control wire through the lug in the brake shoe holder casting. Insert the spring between the lug and the brake shoe. Bring the wire through the spring and through the hole in the brake shoe. Before adjusting brake shoe, make sure the control cable is inserted as far as it will go in the lug of the brake shoe holder casting. This lug has been counter-bored to allow the cable to enter approximately half way in the lug.

5. Slip the steel block on the control wire. Press the brake shoe down leaving a small clearance between the shoe and the drum. Tighten the set screws in the steel block. The brake shoe should now be set, leaving just enough clearance so that it does not drag on the drum. Clip the wire off approximately ½" above the steel block and bend the wire over 90° or right angles on top of steel block.

6. The brake should be finished and the tee handle should pull out approximately 3/8" when the brake is applied.

NORTHFIELD FOUNDRY & MACHINE COMPANY



HAND BRAKE ASSEMBLY
SCALE: FULL

FIND	PART #	DESCRIPTION	REQ.
11	Z-179	BRAKE MOUNT PLATE	1
10		COTTER PIN	1
9	Z-181	CABLE LOCK LUG	1
8	———	SET SCREWS 10-24 x 1/4	2
7	———	CAP SCREWS 5/16-18 x 1 1/4	4
6	Z-180	BRAKE BAND	1
5	Z-59	BRAKE DRUM	1
4	———	KEY # 15	1
3	———	SET SCREW 5/16-18 x 1/2	1
2	———	SPRING	1
1	———	BRAKE CABLE ASS'Y	1