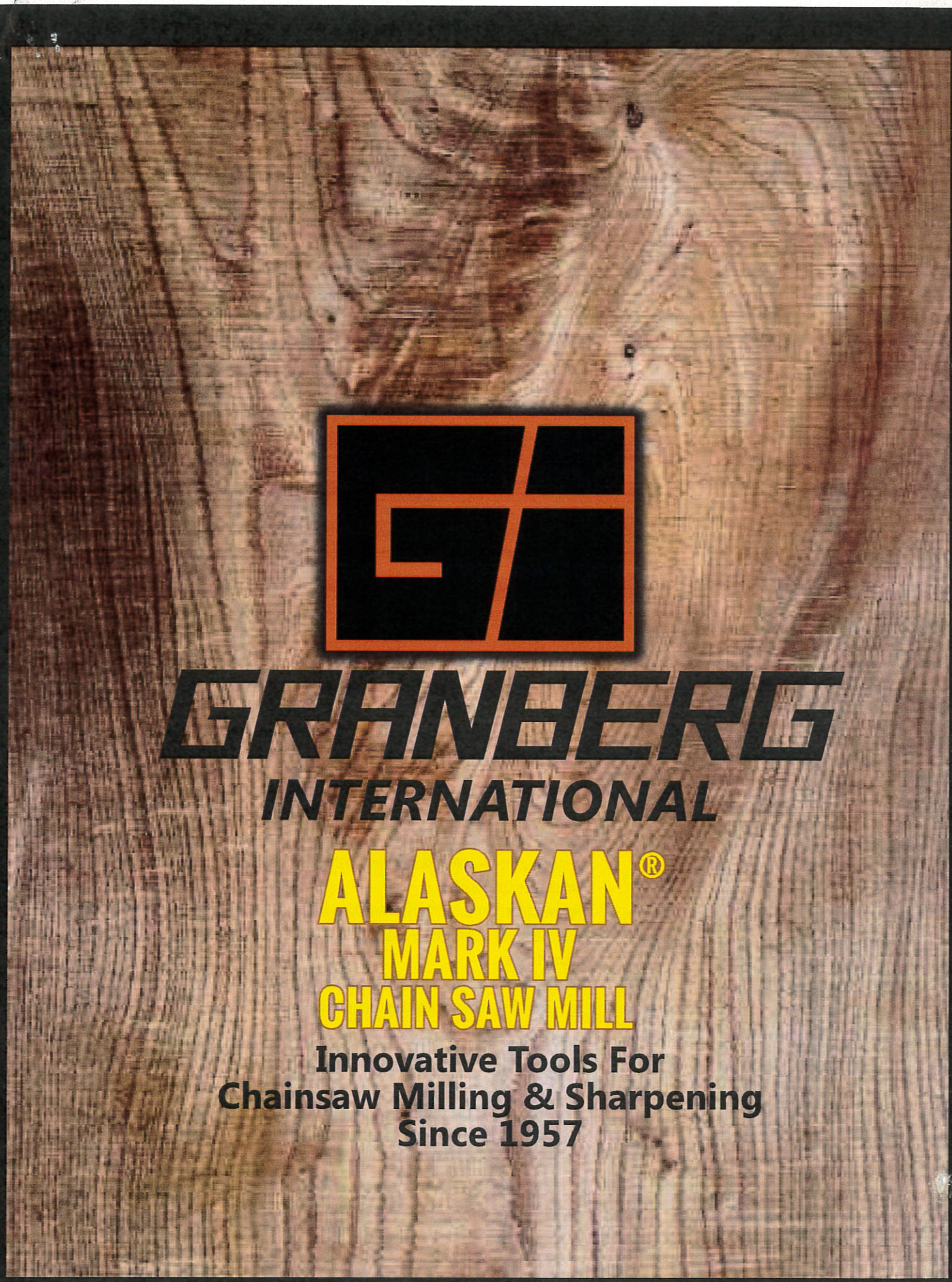
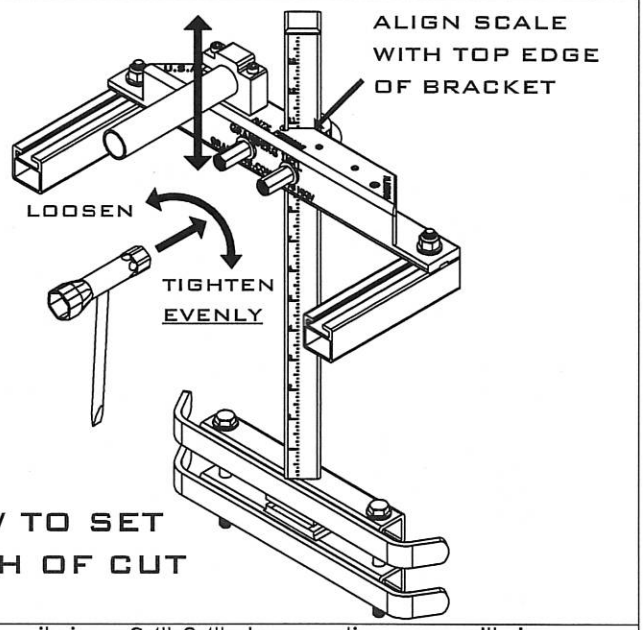

GRANBERG
INTERNATIONAL
ALASKAN®
MARK IV
CHAIN SAW MILL
Innovative Tools For
Chainsaw Milling & Sharpening
Since 1957

ALASKAN® MK-IV CHAINSAW MILL

MODEL G778

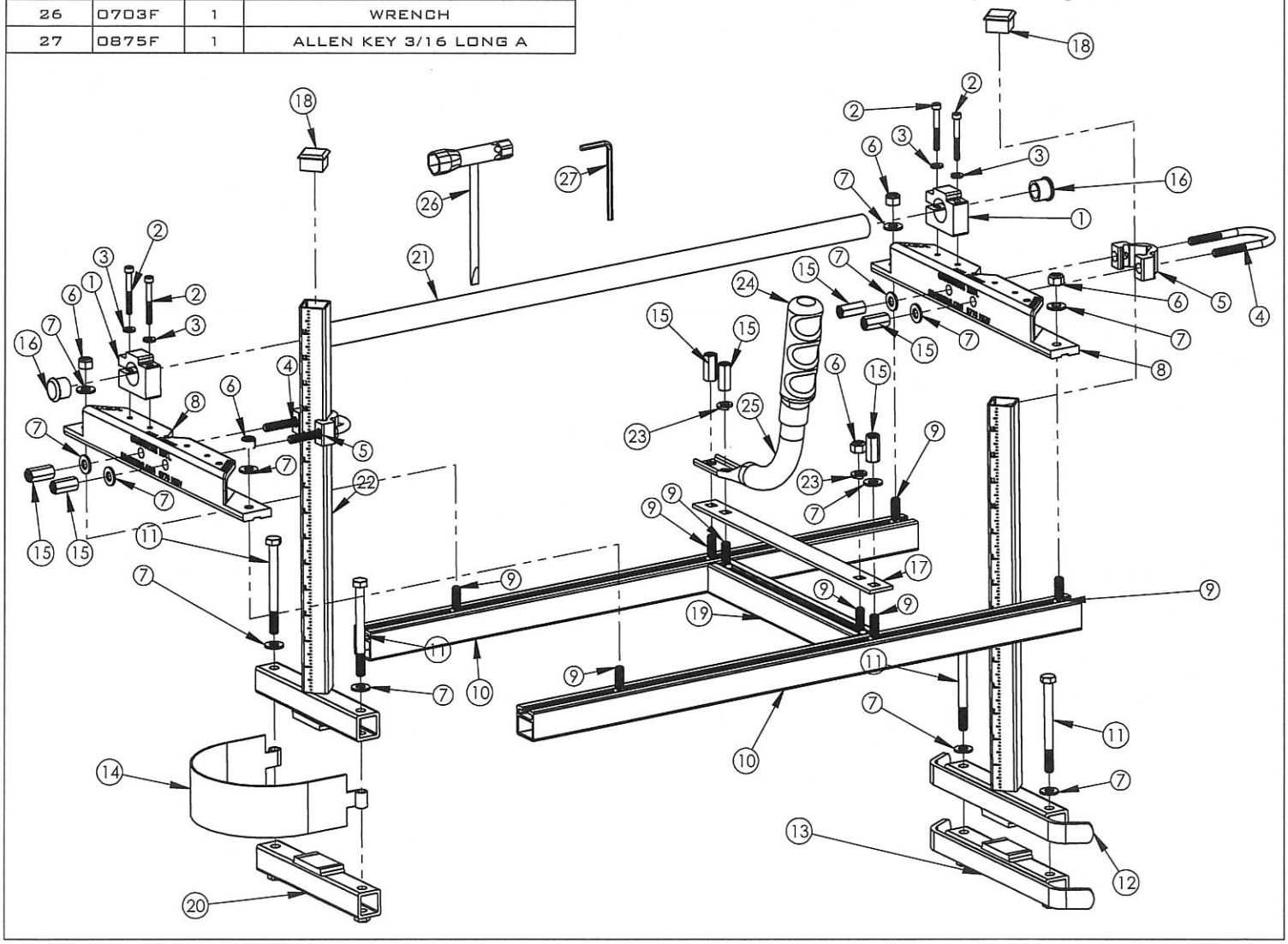
GRANBERG INTERNATIONAL

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	0882F	2	HANDLE BOSS
2	0884F	4	SOCKET HEAD SCREW, 1/4-20 BY 1-3/4
3	0886F	4	HIGH COLLAR LOCK WASHER, 1/4
4	1794F	2	U-BOLT
5	0883F	2	POST CLAMP
6	0684F	5	NYLOCKHEX NUT, 5/16-18
7	0871F	13	FLAT WASHER, 5/16
8	0881F	2	END BRACKET
9	0805F	8	CARRIAGE BOLTS, 5/16-18 BY 1
10	0781F	2	THICKNESS RAIL *
11	0779F	4	HEX BOLT, 5/16-18 BY 3-1/2
12	0791F	1	ADJUSTMENT POST/THRUST END
13	0790FB	1	CLAMP. BRACKET/THRUST END
14	0795F	1	NOSE GUARD
15	0702F	7	COUPLING NUT 5/16-18
16	0785F	2	HANDLE PLUG (ROUND)
17	0784F	1	TIE BAR
18	0778F	2	POST PLUG (SQUARE)
19	0799F	1	ON-OFF GUIDE BAR
20	0788FB	1	CLAMP.BRACKET/NOSE END
21	0793F	1	HANDLE *
22	0792F	1	ADJUSTMENT POST/NOSE END
23	0685F	2	LOCK WASHER, 5/16
24	0874F	1	GRIP
25	0596F	1	HANDLE
26	0703F	1	WRENCH
27	0875F	1	ALLEN KEY 3/16 LONG A

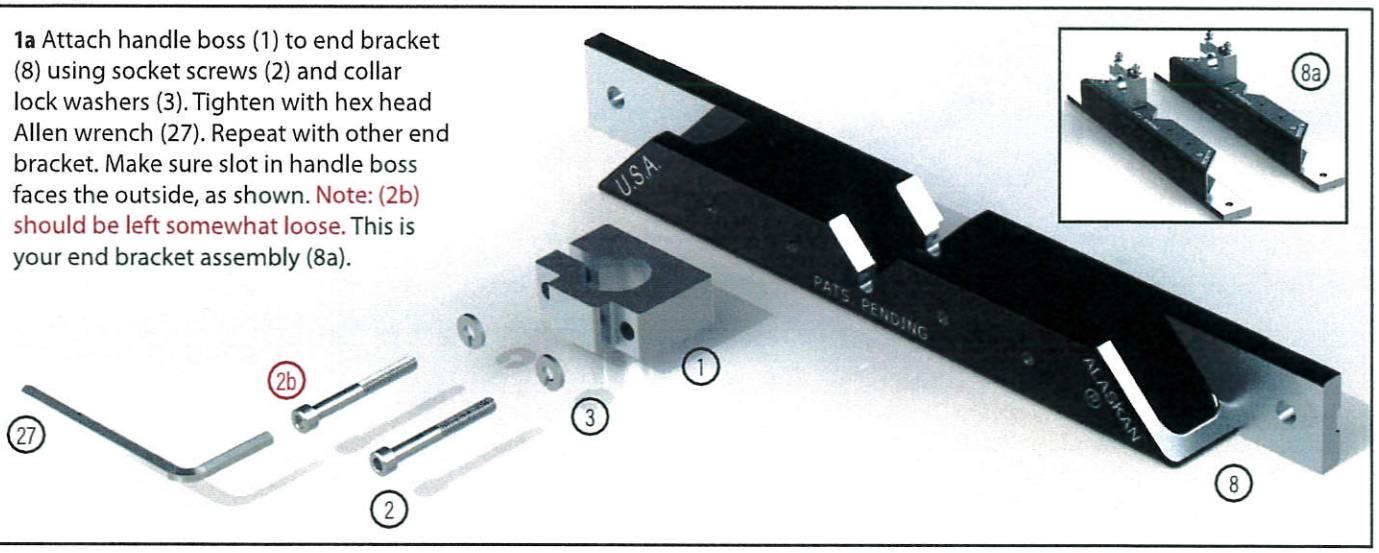


HOW TO SET DEPTH OF CUT

* Handle & rail sizes 24"-84" depending on mill size.

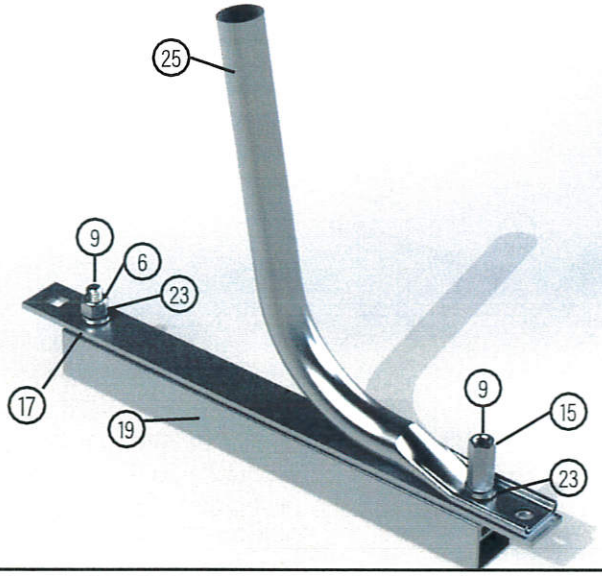


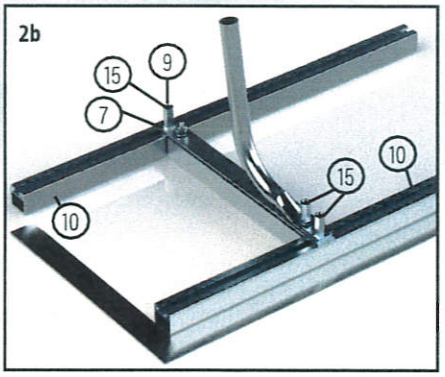
1a Attach handle boss (1) to end bracket (8) using socket screws (2) and collar lock washers (3). Tighten with hex head Allen wrench (27). Repeat with other end bracket. Make sure slot in handle boss faces the outside, as shown. Note: (2b) should be left somewhat loose. This is your end bracket assembly (8a).



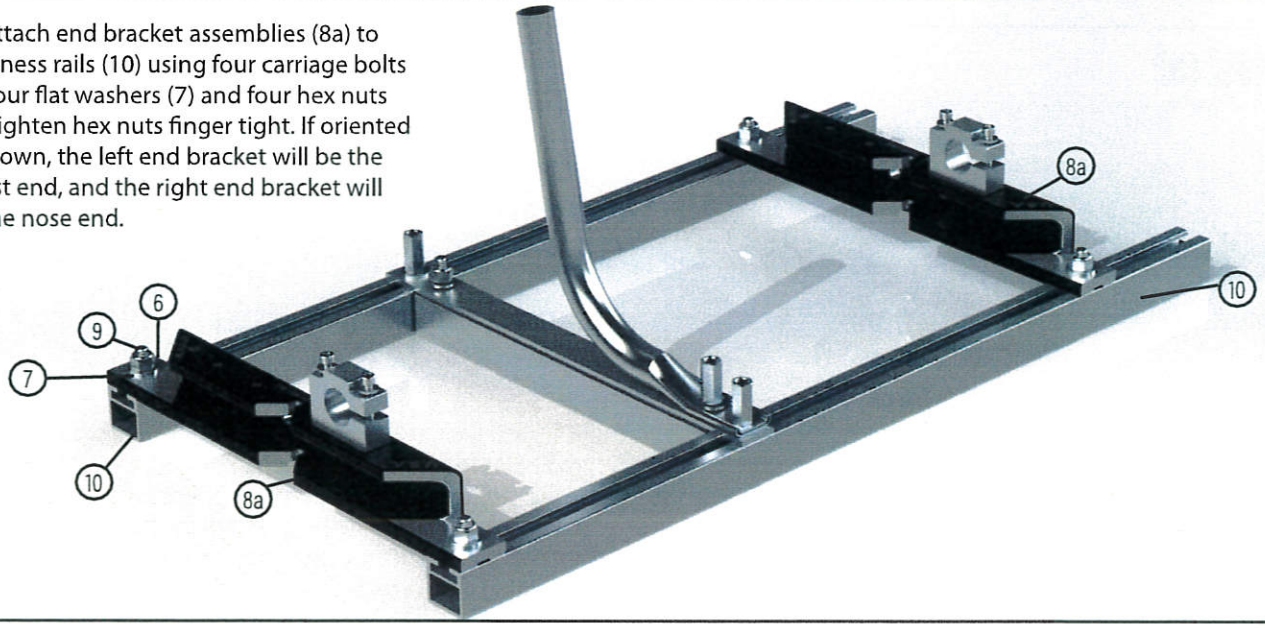
2a Attach tie bar (17), and handle (25) to on-off bar (19) using two carriage bolts (9), two lock washers (23) and one hex nut (6) and one coupling nut (15).

2b Attach assembly to thickness rails (10) using two carriage bolts (9) , one lock washer (23)one flat washer (7) and two coupling nuts (15). Make sure assembly is square to thickness rails.

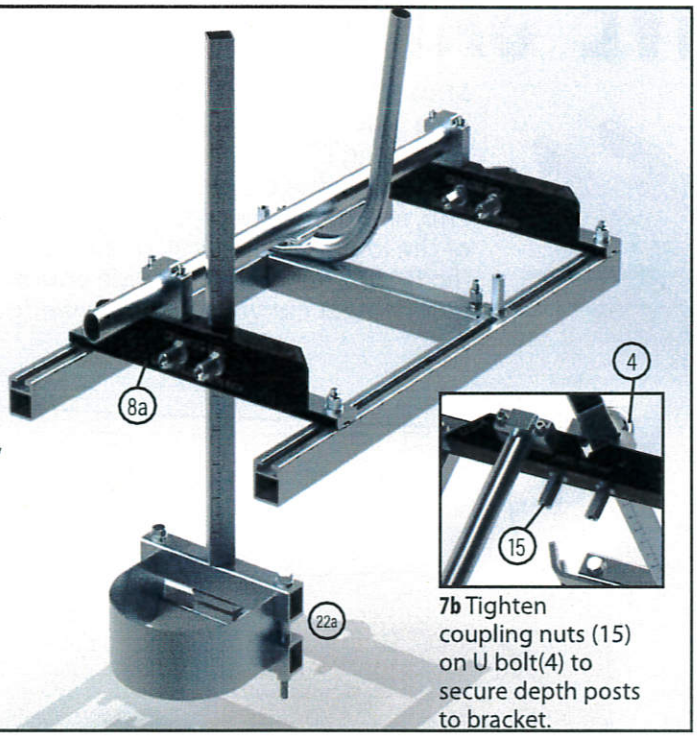




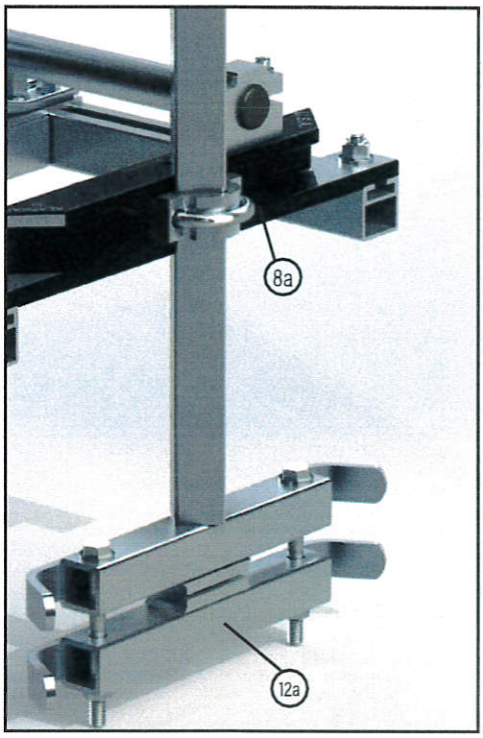
3a Attach end bracket assemblies (8a) to thickness rails (10) using four carriage bolts (9), four flat washers (7) and four hex nuts (6). Tighten hex nuts finger tight. If oriented as shown, the left end bracket will be the thrust end, and the right end bracket will be the nose end.



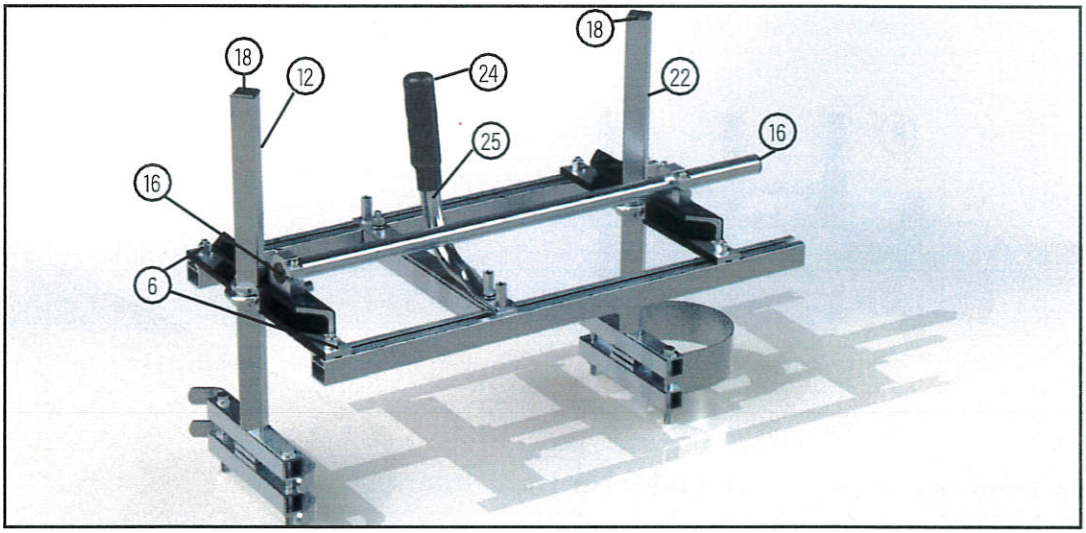
7a Attach nose end post (22a) assembly to end bracket by sliding post through u-bolt and post clamp assembly (8a). Tighten coupling nuts (item 15) after setting depth post height at 4". Repeat on thrust end (12a, see photo on right).

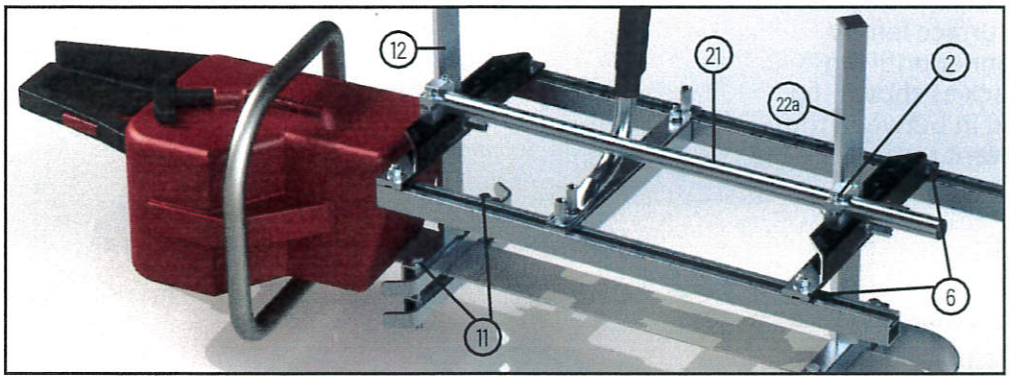


7b Tighten coupling nuts (15) on U bolt(4) to secure depth posts to bracket.



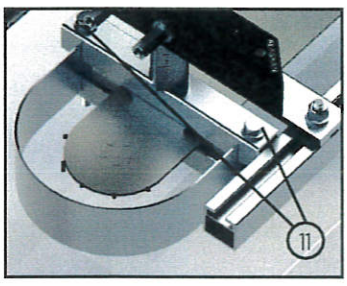
8a Mill is now assembled. Finish by inserting handle plug and post plug (16 and 18) to adjustment posts (12 and 22)and handle (21). Set grip (24) over small handle (25). Tighten coupling nuts after setting depth calibration at 4".
Tighten hex nuts (6) on end bracket at thrust end.





9a Slide nose of chain saw bar between clamping pads. Slide bar through until the power head is within 1 inch of the thrust end post (12). Tighten thrust end depth post to bar using bolts (11) Set nose end bracket assembly to fit saw bar (see detail, right). Tighten lock nuts(6) on nose side end bracket once adjustment post (22) is in place. Tighten socket head screws (2) on nose side end bracket assembly to secure handle (21).

9b Tighten bolts (11) on nose end depth post (22a) to clamp mill to bar. Make sure to clamp mill to bar so as not to pinch sprocket at end of bar.
Proper mounting is shown below.

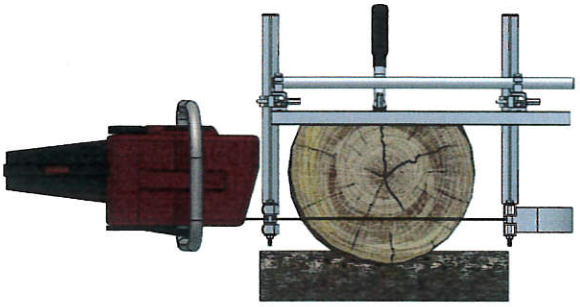


MAKING DIMENSIONAL LUMBER

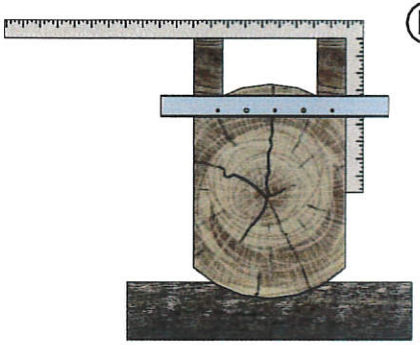
To make dimensional lumber, make your first cut as shown in step 1.

Step 3: Once first cut has been made, set mill to desired depth (fig G). This will be the width of the final beam. When making second cut, make sure to use wedges so that weight of log does not pinch the bar and chain.

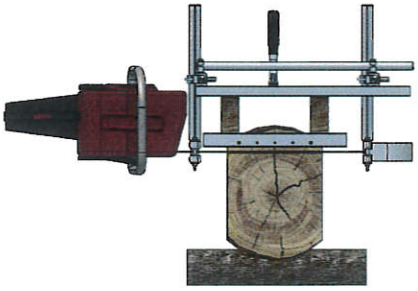
G



H

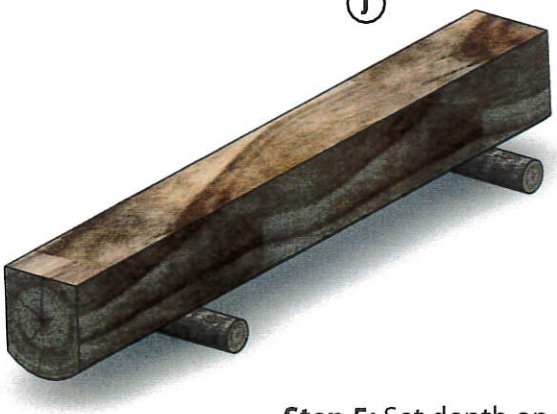


I



Step 4: Once second cut has been made, rotate log 90 degrees. Using a carpenter's square, set first cut system at right angles to cuts one and two (fig H). Make third cut in same manner as first two (fig I). Log is now ready to cut dimensional lumber (fig J).

J



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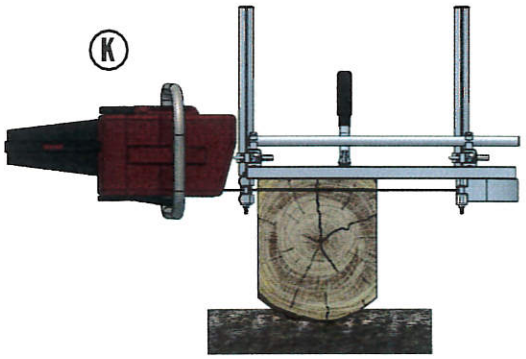

Step 5: Set depth on mill to achieve desired lumber dimensions (fig K)