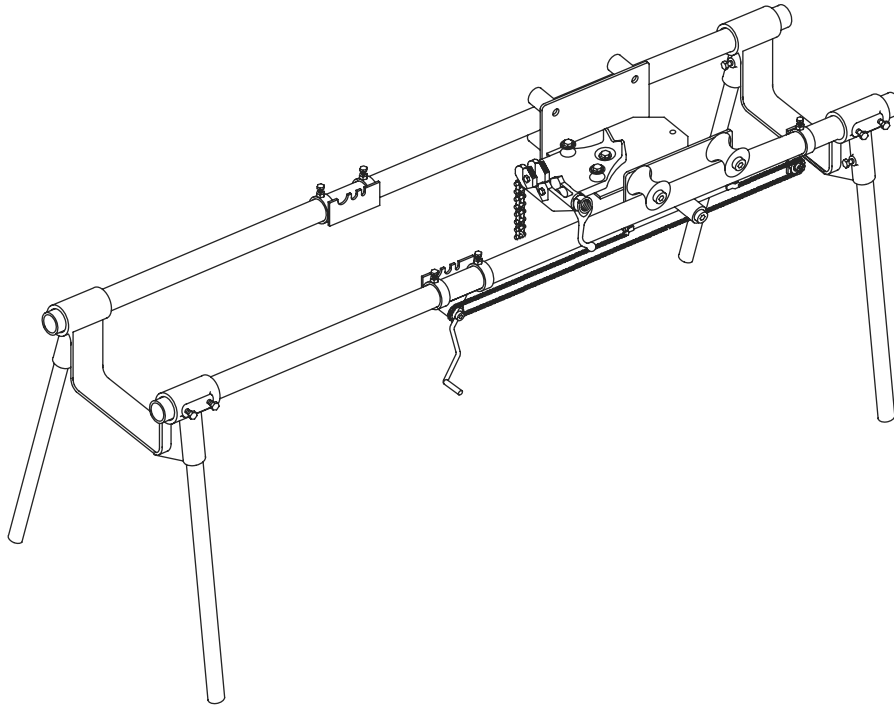




Current Tools

FOR THE PROFESSIONAL ELECTRICIAN

Current Tools™ Model #280 Bending Table *for use with Model #270 and Model #271 Hydraulic Benders*



Assembly, Operating, Safety and Parts Manual

8/2024



Read and understand this material before assembling or operating the 280 Bending Table. Failure to understand how to safely assemble and operate this equipment may result in serious injury or death.



Read and understand the bender manufacturer's operating and safety instructions before attaching to or operating with the 280 Bending Table. Failure to do so may result in serious injury or death.

This manual is free of charge. All personnel who assemble, operate or service this equipment should have a copy of this manual and read and understand its contents. To request a copy, call or write to the address below. All information, specifications and product designs may change due to design improvements or updates and are subject to change without notice. Current Tools does not assume any liability for damages resulting from misuse or incorrect application of its products.

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RETAIN SAFETY INFORMATION



This manual should be read and understood by all personnel who assemble or operate this Bending Table. Failure to understand how to safely assemble and operate this unit could result in serious injury or death. This Bending Table should only be operated by qualified personnel.



WARNING



This unit will also fit the Greenlee®* Model #884 and #885 Benders. Read and understand the bender manufacturer's operating and safety instructions before attaching to or operating with the 280 Bending Table. Failure to do so may result in serious injury or death.



IMPORTANT SAFETY INFORMATION

Follow ALL safety information provided by the bender manufacturer.

- DO NOT operate in wet or damp locations. DO NOT expose to rain.
- DO NOT operate in an explosive atmosphere.
- ALWAYS set-up bending table on a firm, level surface.
- Keep all body parts, hair, loose clothing, etc. away from rotating parts and pinch points.
- ALWAYS wear eye protection.
- DO NOT alter the bending table.
- All pins, clips, bolts, etc. should be engaged and rechecked before any bending has begun.



WARNING



Never allow the carriage with vise to contact the bender, hand crank unit, rest plate or any other component of the bending table during a bend.

- When using an electric pump, be sure to unplug pump before servicing and when not in use. Also, inspect hoses and power cords before use.
- Only the operator should be in the work area.
- Keep the work area clean.

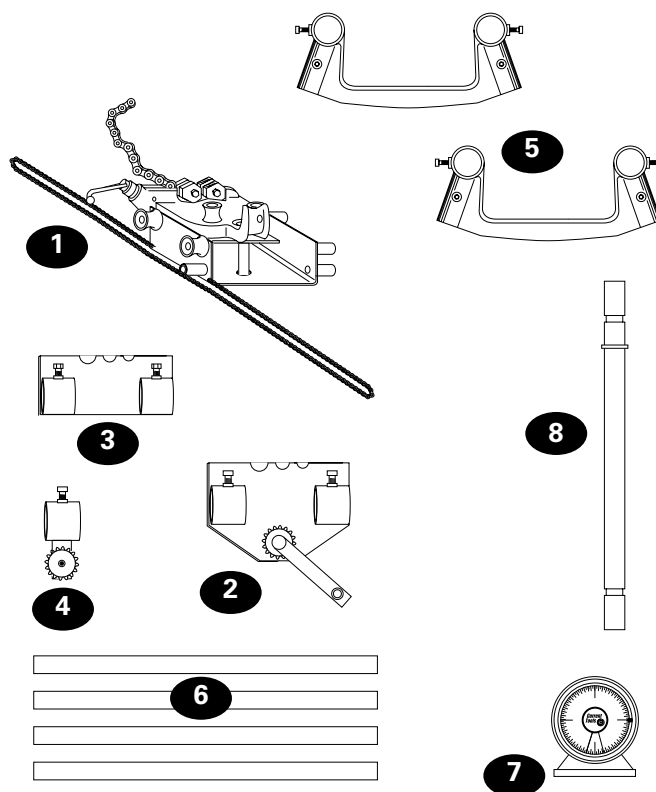
* Greenlee® is a registered trademark of Emerson Electric Co., which has no affiliation with Current Tools.

COMPONENTS – 280 BENDING TABLE

For use with Current Tools™ Models #270 and #271 Hydraulic Bender.
Will also fit Greenlee®* Model #884 and #885 Hydraulic Bender.

KEY	NO.	DESCRIPTION	QUANTITY
1	280-1	Carriage with vise	1
2	280-2	Hand crank unit	1
3	280-3	Rest plate	1
4	280-4	Idler unit	1
5	280-5	Leg support	2
6	280-6	Legs	4
7	280-7	Magnetic protractor	1
8	280-8	Support pin (1-1/2" is standard)	2
	280-9	Chain Extension Kit (not shown)	1
	104	Storage box (not shown)	1

NOTE: 2 each 10' lengths of 2" rigid conduit used as the table supports are to be supplied by the user.



ASSEMBLY INSTRUCTIONS

Insert two of the legs into the leg support as shown in Figure 1 and tighten the bolts to hold the legs in place. Repeat for second leg support.

Place the ends of the two 10' pieces of 2" rigid conduit (*supplied by the user*) into one leg support assembly and tighten the two bolts on each side. See Figure 1.

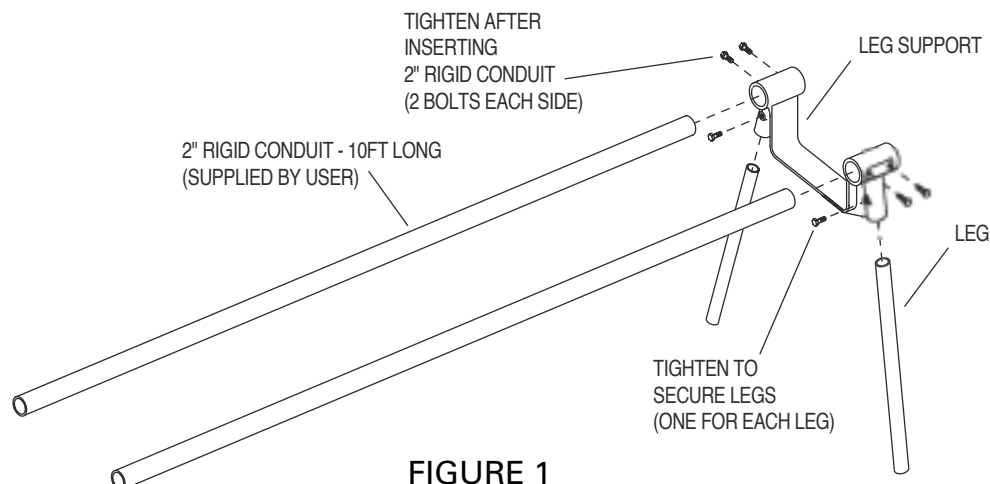


FIGURE 1

* Greenlee® is a registered trademark of Emerson Electric.

ASSEMBLY INSTRUCTIONS continued . . .

Standing at the open end of the table, place the idler unit on the right conduit. Slide the idler unit to the far end of the conduit and temporarily tighten the bolt. *See figure 2.*

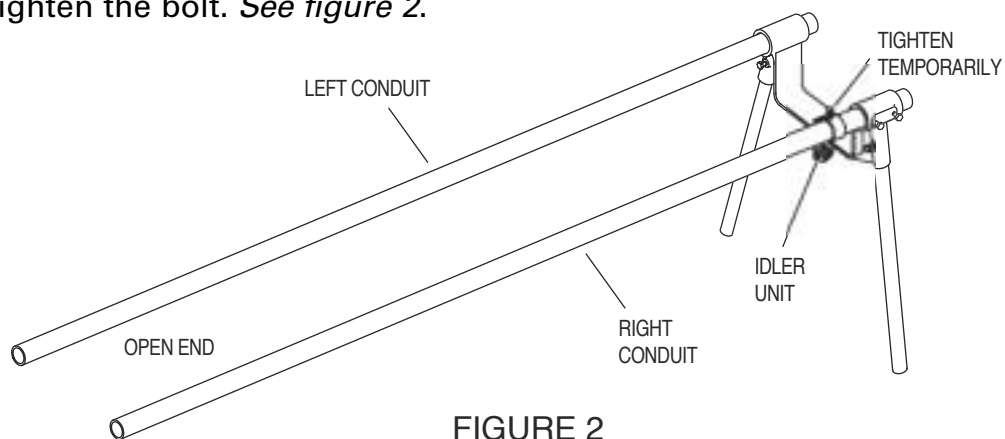


FIGURE 2

Next, slide the carriage with vise onto the 2 pieces of conduit as shown. The vise handle should be on the same side as the idler unit. Push the carriage with vise to the middle of the table. *See figure 3.*

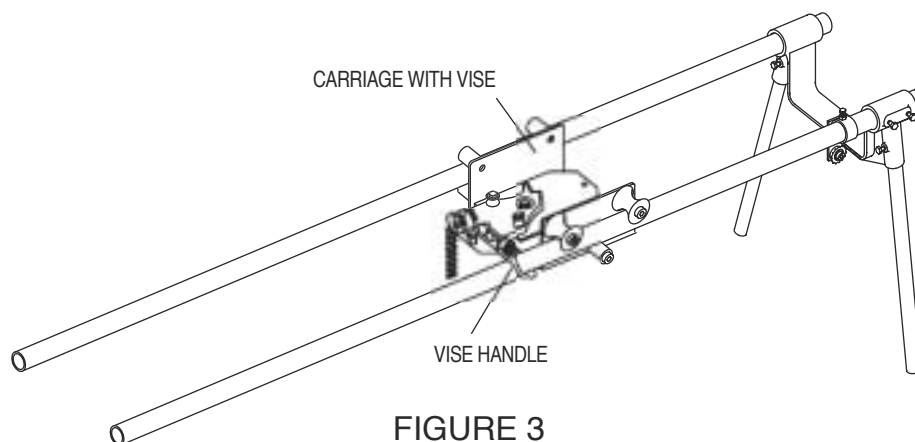


FIGURE 3

Next, place the hand crank unit on the same conduit (right) as the idler unit and temporarily tighten the bolts. *See figure 4.*

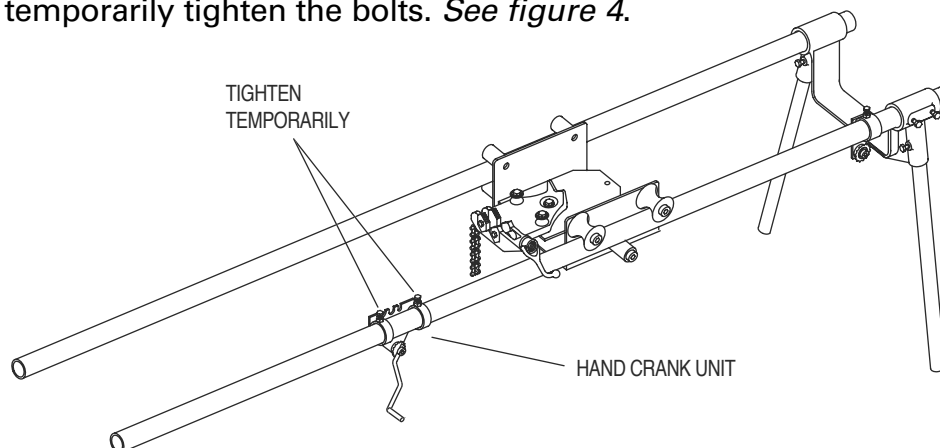


FIGURE 4

continued on next page . . .

ASSEMBLY INSTRUCTIONS continued . . .

Next, slide the rest plate on left side conduit and position directly across from the hand crank unit and temporarily tighten the bolts. *See figure 5.*

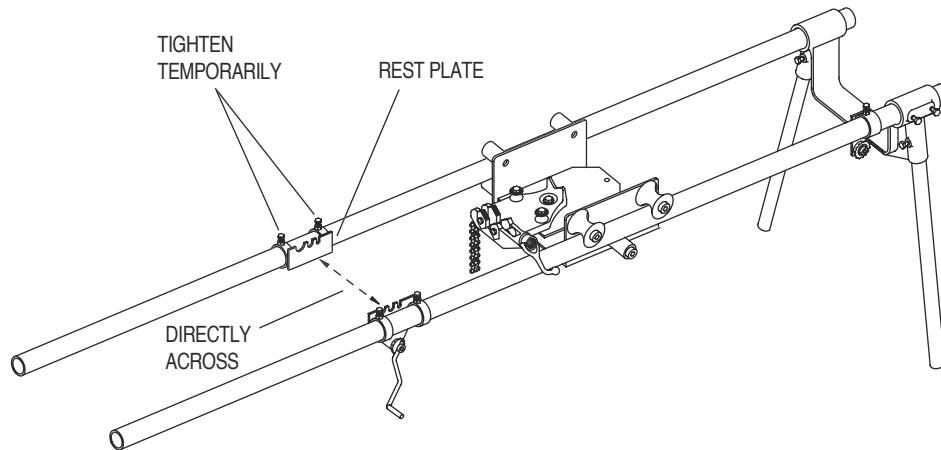


FIGURE 5

Insert the two 10' lengths of 2" rigid conduit into the remaining leg support assembly as shown and tighten the four bolts against the conduit. *See figure 6.*

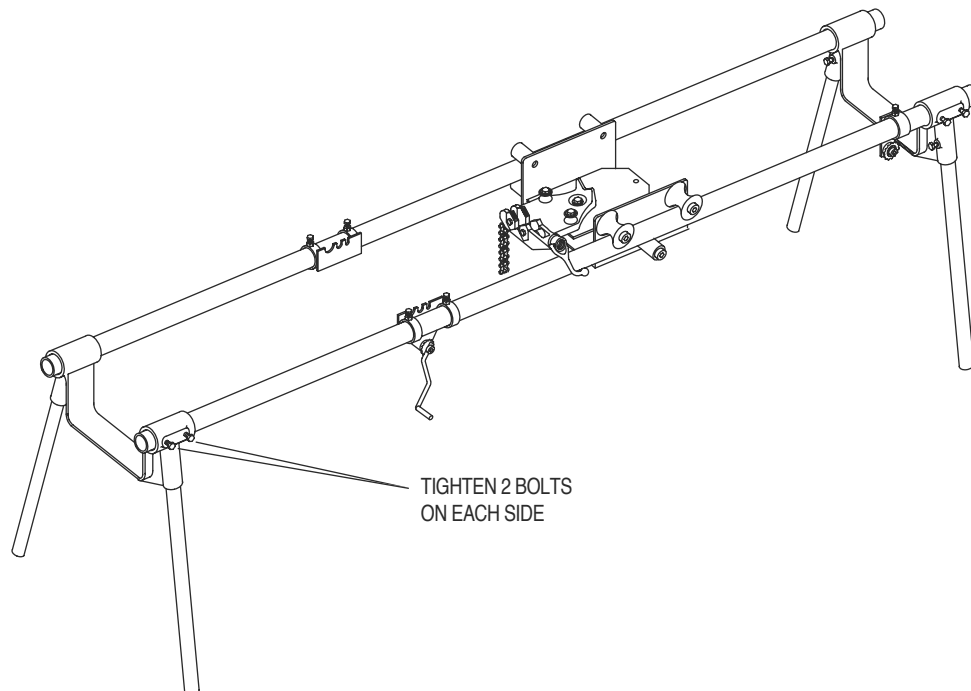


FIGURE 6



BENDER MOUNTING PROCEDURE

1. Determine the correct size support pins for the bender you are using:

Bender Model #	Support Pin Size
Greenlee® 884, 885	– 1 1/2" diameter pins

The 280 Bending Table comes standard with the 1 1/2" diameter pins.

NOTE: The 1 1/2" support pins for the 270, 271, 884 and 885 Benders have 2 retaining ring grooves. Place the retaining ring in the outer groove when using the 271 and 885 Bender and place the retaining ring in the inner groove when using the 270 and 884 Bender. See figure below.



2. Place support pins into the bender frame holes that match the size conduit to be bent. (Note: Be sure the ram scale is on the hand crank unit side of the bending table.)
3. Lift bender and set on table as shown with one (front) support pin about 1" from leg support. See figure 7. Next, move the hand crank unit and the rest plate so that the rear support pin sits in the matching slot of the hand crank unit and the rest plate. The wide groove on each side of the support pin should "sit" in the rest plate and the hand crank unit. See figure 7. Tighten all bolts on the hand crank unit and the rest plate.
4. Place chain around sprocket on hand crank unit and around idler unit as shown. See figure 8. Adjust idler unit to tighten chain. Tighten bolt on idler unit.

NOTE: Before bending, check to ensure all bolts are tightened and the bending table is level.

5. The Bending Table is now set-up for bending radii up to 36".

NOTE: When bending 36" and larger radii and to bend 3" and smaller conduit with the Greenlee® 884 and 885 benders, the chain extension kit (Current Tools part # 280-9) is required.

⚠ WARNING ⚠

Never allow the carriage with vise to contact the bender, hand crank unit, rest plate or any other component of the bending table during a bend.

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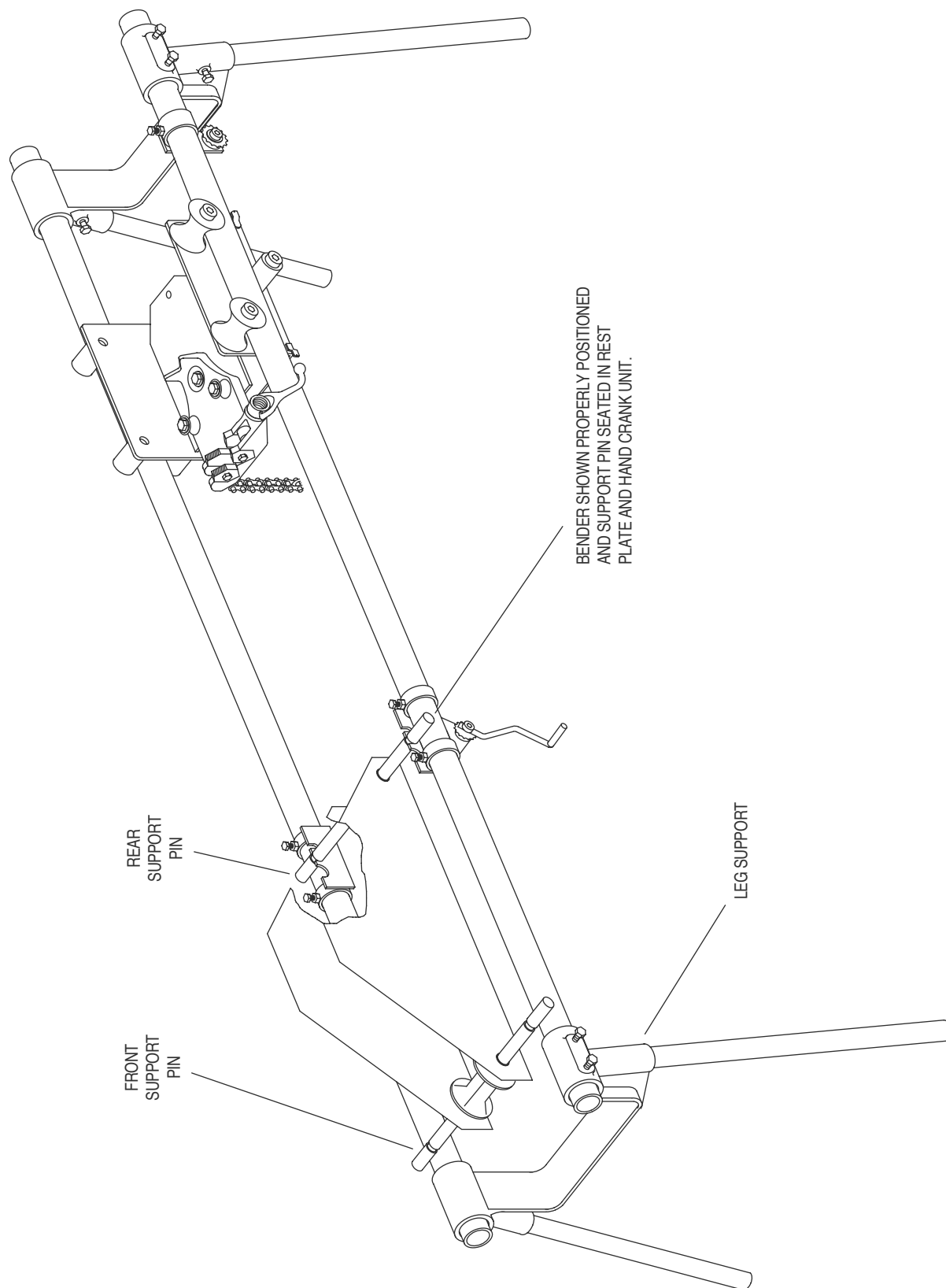


FIGURE 7

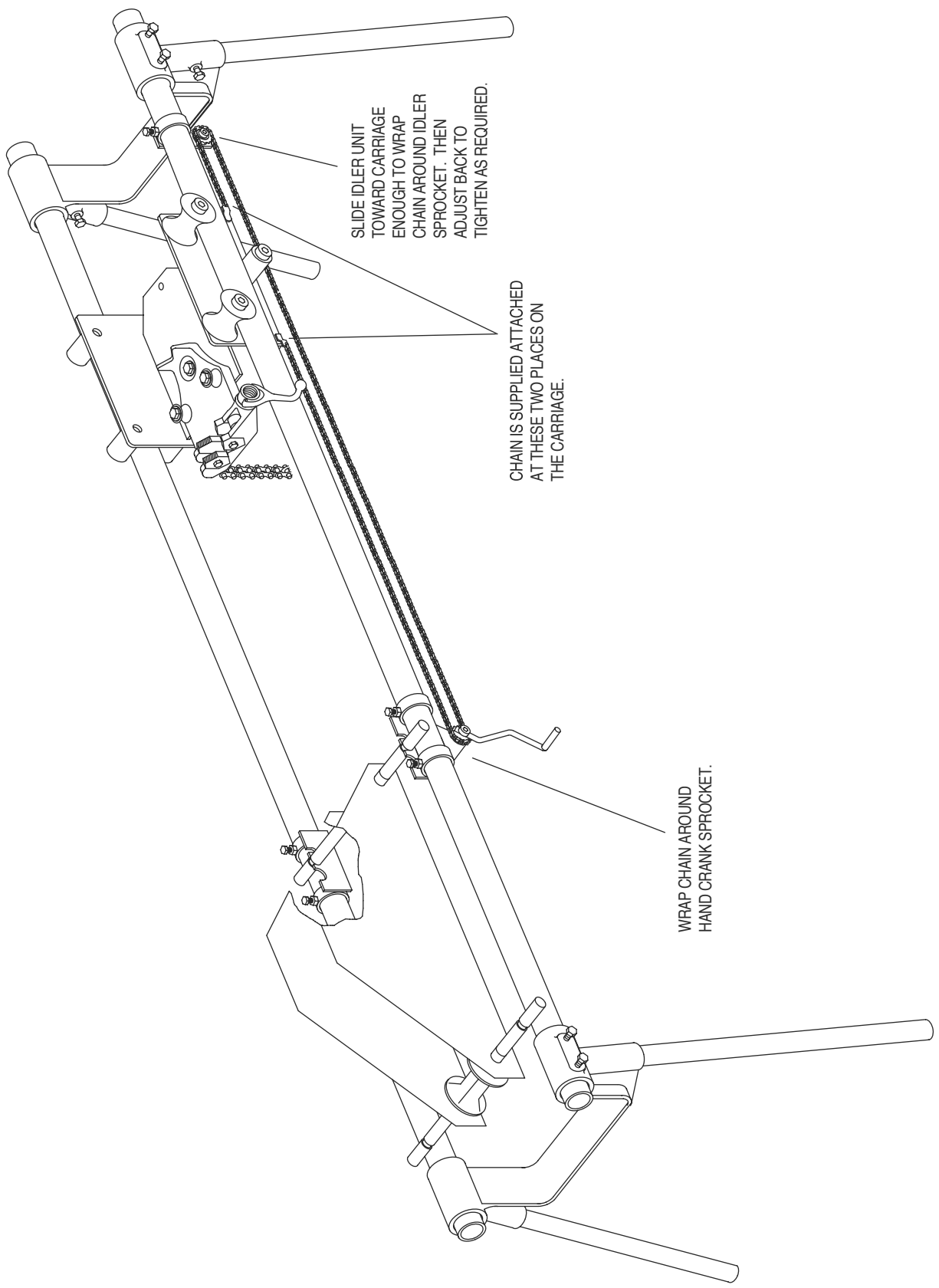


FIGURE 8

TYPICAL SET-UP

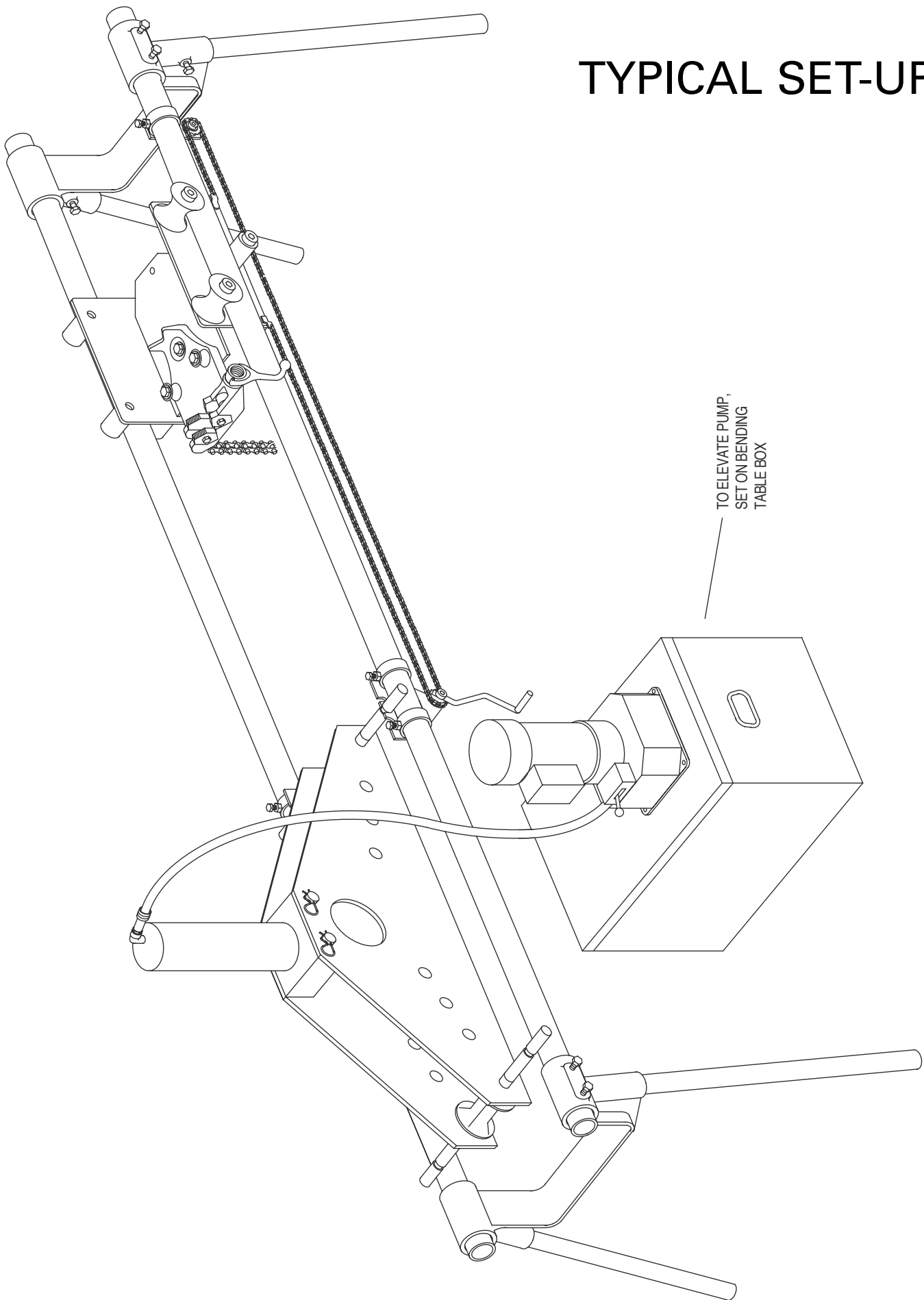
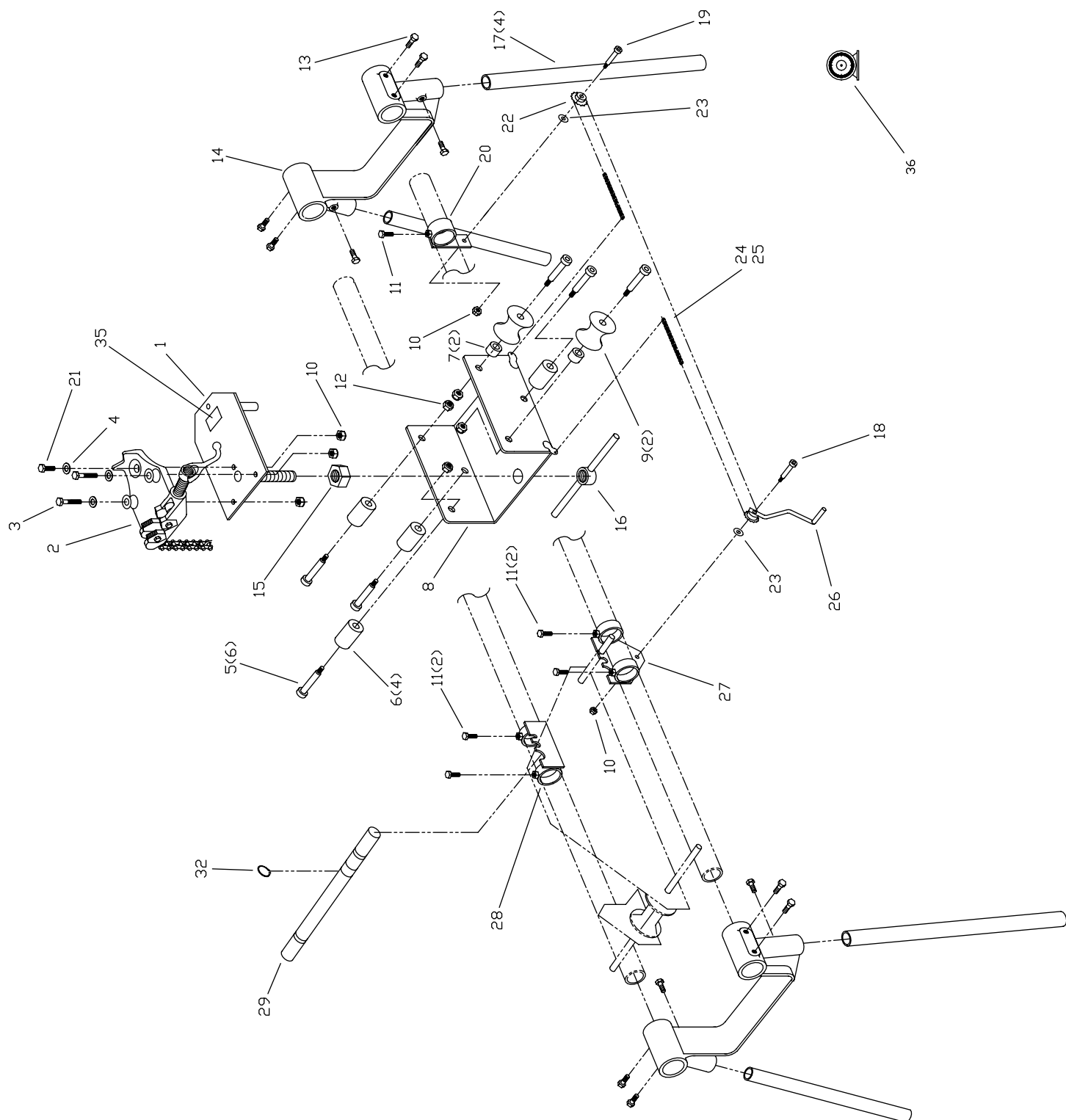


FIGURE 9

EXPLODED VIEW

280 BENDING TABLE



PARTS LIST

<u>ITEM#</u>	<u>PART#</u>	<u>QTY</u>	<u>DESCRIPTION</u>
1	280-1C1	1	WISE PLATE LESS WISE
2	280-1-1	1	WISE UNIT
3	281-1E.....	2	1/2-13 X 3 HEX HEAD BOLT
4	451-25.....	3	1/2 USS FLAT WASHER
5	281-1D	6	3/4 X 2 3/4 SOCKET HEAD CAP SCR
6	280-1B	4	FLAT ROLLER
7	280-2E	2	SPACER
8	280-1C	1	CARRIAGE UNIT
9	280-1A	2	CUPPED ROLLER
10	281-1J.....	5	NYLON INSERT LOCK NUT
11.....	8092-2.....	5	1/2-13 X 1" HX. HD. CAP SCREW
12	281-1I.....	6	5/8-11 THIN NYL. INS. LOCK NUT
13	77-025.....	12	1/2-13 X 1 1/4" HEX CAP SCREW
14	280-5.....	2	LEG SUPPORT
15	660-384.....	1	WISE ADJUSTING NUT
16	660-834.....	1	WISE ADJUSTING NUT W/ HANDLE
17	280-6.....	4	SUPPORT LEGS
18	280-2C2	1	5/8 X1 1/4 SOCKET HD CAP SCREW
19	280-2B1	1	5/8 X1 SOCKET HD CAP SCREW
20	280-4.....	1	IDLER BRACKET
21	281-1F.....	1	1/2-13 X 1 1/2 HEX CAP SCREW
22	280-2B	1	#35 SPROCKET
23	77-017.....	2	3/4 SAE FLAT WASHER
24	280-1D	1	#35 CHAIN SECTION - 10'
25	280-1F.....	2	#35 CHAIN LINK
26	280-2C	1	HAND CRANK HANDLE
27	280-2.....	1	HAND CRANK BRACKET
28	280-3.....	1	REST PLATE
29	280-8.....	2	1 1/2" DIA. SUPPORT PIN
32	280-8B	2	HEAVY DUTY RET. RING
35	280-1G1	1	DECAL
36	280-7.....	1	PROTRACTOR