

Instructions and Parts List for No. 51 Angle Iron Bender

CARE: An occasional oiling of all moving parts with a light machine oil is all the care necessary for this tool.

OPERATION: Loosen vise handle sufficiently to allow the angle iron to be bent to slide between the stationary jaw and the movable clamp jaw arm. Tighten vise handle. Loosen operating handle swivel block stud set screw. Set the operating handle swivel block stud on dimension closest to the angle to be bent (three settings are provided: 1/8", 1/4" and 3/16"). Tighten set screw after setting stud at desired setting. If the vise handle is turned out too far it is possible for the movable clamp jaw spring to be dislodged from its seat. If this happens, drive the movable clamp jaw pin out, reinsert spring in its recess and reassemble the movable clamp jaw and arm pin.

Item No.	Part No.	Part Name	No. Req'd.
1	51-1	Frame	1
2	51-2	Operating Handle	1
3	51-3	Operating Handle Swivel Block	1
4	61-4	Operating Handle Swivel Block Stud	1
5	51-5	Stationary Jaw	1
6	51-6	Movable Clamp Jaw	1
7	51-7	Movable Clamp Jaw Arm	1
8	51-8	Movable Clamp Jaw Pins	2
9	51-9	Handle Hinge Bolt	1
10	51-10	Movable Clamp Jaw Screw	1
11	51-15	Clamp Jaw Spring	1
12	51-16	Handle Hinge Bolt Nut	1
13	51-18	Eccentric Adjusting Bushing	1
14	51-19	Eccentric Adjusting Bushing Key	1
15	50-11	32 " Bar Handle (Not Shown)	1
16	WS 51	Stationary Jaw Screw 7/16-14 x 1-3/4 Hex	1
17	WS 236	Stationary Jaw Screw 7/16-14 x 2-1/4 Fillister Head	1
18	WS 794	Swivel Block Stud Lock Screw 5/16-18x5/16 Headless	1
19	WS1945	Hinge Bolt Key 13-3/16 x 1 Woodruff	1

