



MODEL D WEDGE BEVELER INSTRUCTIONS

OPERATION:

- Assembly - When Beveling install dust collector hood and clamp fixture.
- Sawing - When sawing wedges to your desired thickness, use the provided rip fence as a guide and as a guard for the saw blade. Use 3 of the black spacers under the saw. The thickness is set by moving the spindle up or down.
- Beveling - Match the cutters in your desired combination and place them on 2 of the black spacers on the spindle. You then center the Cutters by raising or lowering the spindle. The locking handle is on the side of the table, the raising or lowering lever is under the table. The clamp-type fixture slides in the slot in the table top.

Adjust the stop under the clamp bar, allowing the edge of the wedge to hang over the fixture sufficiently to keep the cutter from hitting the fixture. Adjust the screw on the clamp for good clamping pressure. Loosen the 2 thumb screws and adjust the width with the feed screw. The first cut should leave a good clean edge. The second cut, on the other side, also determines the width of the wedge.
- General - The dust collector hood serves as a guard over the cutters, and should be connected to one of the Martindale Portable blowers, which are shown in our catalog, this will provide efficient dust removal.

High-speed steel cutters may be used for wood wedges. Carbide-tipped cutters should be used on fiberglass wedges.

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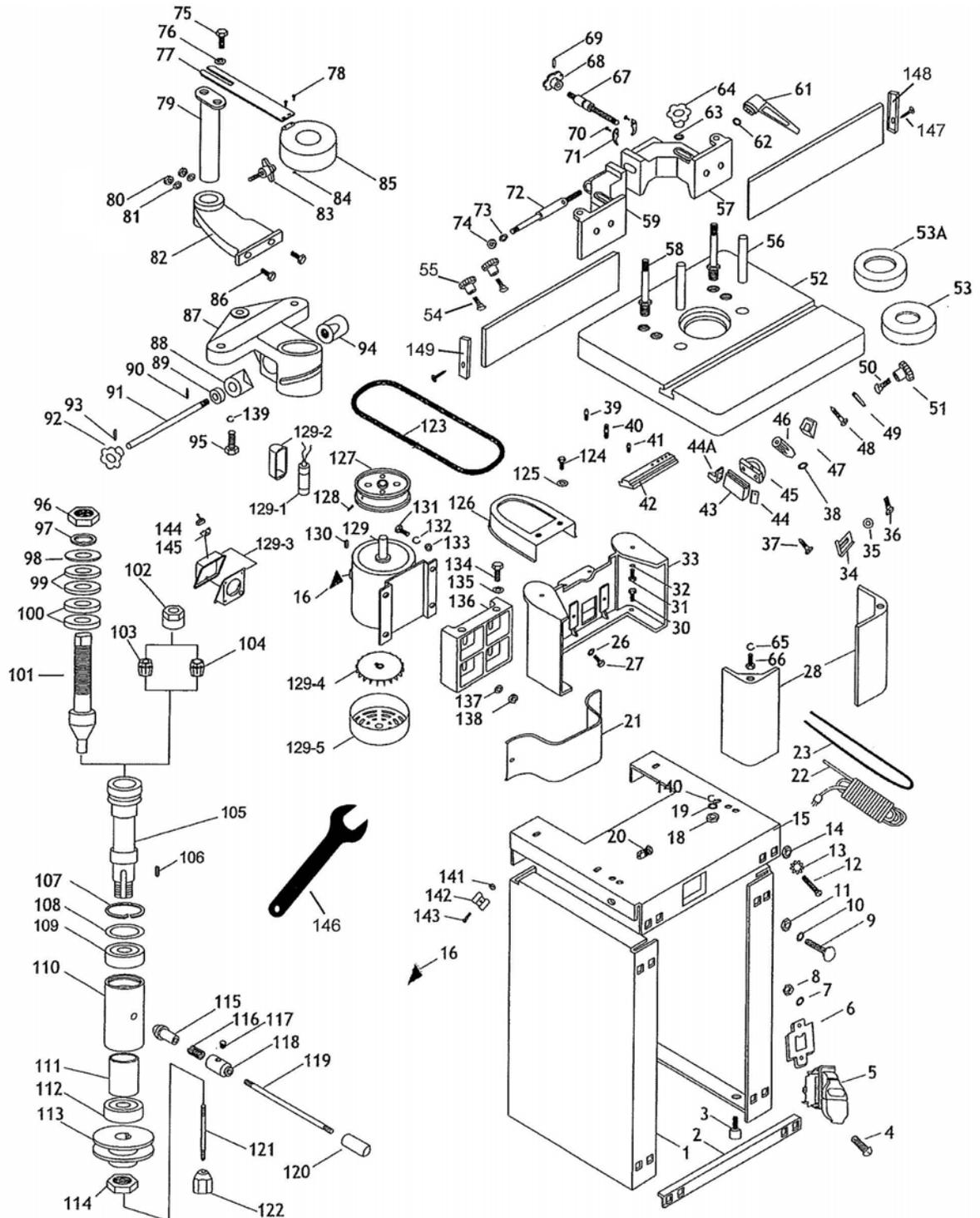
MAINTENANCE:

The only maintenance required on your Martindale Wedge Beveler is to always keep your cutters sharp.



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Assembly Diagram Base Unit



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Parts List Base Unit

Part	Description	Part	Description	Part	Description
1	Side Panel	54	Carriage Bolt (M6-1 x 35)	105	Spindle
2	Tie Bar	55	Knob (M6-1.0)	106	Key (4 x 4 x 20mm)
3	Rubber Foot	56	Taper Pin (8 x 75mm)	107	Interior Retaining Ring (47mm)
4	Cross Head Screw (M4-0.7x25)	57	Fence Body (Right)	108	Wave Washer (45mm)
5	Power Switch	58	Clamp Stud	109	Ball Bearing
6	Switch Lamella	59	Fence Body (Left)	110	Spindle Housing
7	Flat Washer (5mm)	60	Fence	111	Ball Bearing Sleeve
8	Nut (M4-0.7)	61	Lock Handle	112	Ball Bearing
9	Carriage Bolt (M8-1.25 x 12)	62	Flat Washer (1/2")	113	Spindle Pulley
10	Flat Washer (3/8")	63	Flat Washer (3/8")	114	Lower Spindle Nut
11	Nut (M8-1.25)	64	Knob (M8-1.25)	115	Bearing Cone
12	Cross Head Screw (M5-0.8 x 12)	65	Lock Washer (1/2")	116	Coil Spring
13	Exterior Tooth Washer (5mm)	66	Bolt (M12-1.75 x 20)	117	Set Screw (M8-1.25 x 8)
14	Nut (M5-0.8)	67	Adjusting Screw Stud	118	Spring Collar
15	Shelf	68	Hand Knob	119	Stud
16	Electricity Label	69	Roll Pin (3 x 20)	120	Knob
18	Nut (M8-1.25)	70	Cross Head Screw (M6-1 x 12)	121	Draw Bar (M8-1.0)
19	Flat Washer (3/8")	71	Half Collar	122	Draw Bar Nut (M8-1.0)
20	Strain Relief	72	Adjusting Shaft	123	Belt (690 x 10mm)
21	Spindle Pulley Guard	73	Flat Washer (1/2")	124	Bolt (M8-1.25 x 12)
22	Power Cord	74	Nut (M12-1.75)	125	Flat Washer (3/8")
23	Wire Cord	75	Bolt (M8-1.25 x 12)	126	Belt Guard
26	Flat Washer (3/8")	76	Flat Washer (3/8")	127	Motor Pulley
27	Bolt (M8-1.25 x 12)	77	Hold Down Bar	128	Set Screw (M6-1 x 10)
28	Table Leg	78	Cross Head Screw (M4-0.7 x 10)	129	Motor
30	Bolt (M8-1.25 x 25)	79	Hex Post	129-1	Start Capacitor
31	Bolt (M12-1.75 x 30)	80	Nut (M8-1.25)	129-2	Capacitor Cover
32	Lock Washer (12mm)	81	Flat Washer (3/8")	129-3	Wiring Box
33	Table Support	82	Mounting Bracket	129-4	Motor Fan
34	Miter Block	83	Hand Knob	129-5	Motor Fan Cover
35	Flat Washer (1/4")	84	Nut (M4-0.7)	130	Key (5 x 5 x 22mm)
36	Cross Head Screw (M4-0.7 x 6)	85	Ring Guard	131	Carriage Bolt (M8-1.25 x 40)
37	Self Tapping Screw (3.5 x 12mm)	86	Bolt (M8-1.25 x 30)	132	Lock Washer (8mm)
38	Flat Washer (3/8")	87	Housing Bracket	133	Flat Washer (3/8")
39	Support Pole	88	Clamp Sleeve (Left)	134	Hex Head Screw (M12-1.75 x 35)
40	Stud Bolt	89	Stuff Ring	135	Flat Washer (1/2")
41	Anti-Kickback Pin	90	Roll Pin (3 x 20mm)	136	Motor Mount Plate
42	Miter Bar	91	Lock Bar	137	Flat Washer (3/8")
43	Aluminum Alloy Fence	92	Hand Knob	138	Nut (M8-1.25)
44	Right Fence Lid	93	Roll Pin (3 x 20mm)	139	Lock Washer (12mm)
44A	Left Fence Lid	94	Lock Nut	140	Lock Washer (8mm)
45	Miter Gauge Body	95	Bolt (M12-1.75 x 30)	141	Flat Washer (1/4")
46	Handle	96	Upper Spindle Nut	142	Shim
47	Pointer	97	Keyed Washer	143	Cross Head Screw (M6-1 x 12)
48	Self Tapping Screw (M3 x 15)	98	Rub Collar (1/2" x 1-3/16" x 3/16")	144	Forward/Reverse Switch
49	Tension Pin (2 x 16mm)	99	Rub Collar (1/2" x 1-3/16" x 1/4")	145	Switch Bracket
50	Carriage Bolt (M6-1 x 35)	100	Rub Collar (1/2" x 1-3/16" x 3/8")	146	Arbor Wrench
51	Knob (M6-1.0)	101	Cutter Spindle	147	Tap Screw (M3.5 x 12)
52	Work Table	102	Collet Nut	148	Right Fence Lid
53	Table Insert (1-3/8" Hole)	103	Collet	149	Left Fence Lid
53A	Table Insert (1-3/4" Hole)	104	Collet	150	1/2" Spacer
				151	Long Bolt M12 x 1.75 x 40
				152	Short Bolts M12 x 1.75 x 30

