SERVICE PARTS LIST

WÜRTH

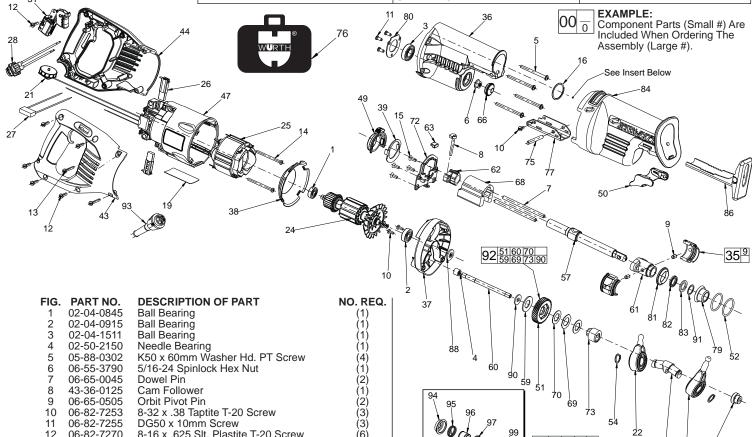


CAT. 6536-68 (SBS 1300 VES) STARTING SERIAL NO.

REVISED BULLETIN DATE Sept. 2012 WIRING INSTRUCTION

58-03-0055

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2	02-04-0915	Ball Bearing	(1)
3	02-04-1511	Ball Bearing	(1)
4	02-50-2150	Needle Bearing	(1)
5	05-88-0302	K50 x 60mm Washer Hd. PT Screw	(4)
6	06-55-3790	5/16-24 Spinlock Hex Nut	(1)
7	06-65-0045	Dowel Pin	(2)
8 9	43-36-0125	Cam Follower	(1)
10	06-65-0505	Orbit Pivot Pin 8-32 x .38 Taptite T-20 Screw	(2)
11	06-82-7253 06-82-7255	DG50 x 10mm Screw	(3)
12	06-82-7270	8-16 x .625 Slt. Plastite T-20 Screw	(6)
13	06-82-7326	8-168 x 1.00 Slt. Plastite T-20 Screw	(2)
14	06-82-7453	8-16 x 2025 Slt. Plastite T-20 Screw	(2)
15	06-82-8870	1/2-DG50 Thread Form Screw	(4)
16	34-60-0125	Retaining Ring	(1)
19		Service Nameplate	(1)
21	14-20-0480	Remote Dial Assembly	(1)
22	14-67-0126	Secondary Wobble Plate Assembly	(1)
23	14-67-0136	Primary Wobble Plate Assembly	(1)
24	16-34-0510	Service Armature	(1)
25	18-34-1510	Service Field	(1)
26	22-20-0520	Carbon Brush Assembly	(2)
27	22-33-0035	Suppressor	(1)
28	22-56-0120	Quik Lok Pin Housing Assembly	(1)
31	23-66-0208	Switch	(1)
35	14-30-0080	Orbit Pocket Assembly	(2)
36	28-14-2600	Gearcase	(1)
37	28-28-2600	Diaphragm	(1)
38	31-05-0155	Baffle	(1)
39	31-11-0130	Orbital Cam Plate	(1)
43	31-44-1520	Handle Half - Right	(1)
44 47	31-44-1525	Handle Half - Left	(1)
47	31-50-0085	Motor Housing	(1)
50	31-52-0045 31-52-0090	Orbit Shift Lever Shoe Release Lever	(1) (1)
51	32-40-2050	Intermediate Gear	(1)
52	34-40-0040	O-Ring	(2)
54	34-60-1315	External Retaining Ring	(2)
56	36-92-0701	Wobble Shaft	(1)
57	38-50-6400	Reciprocating Spindle	(1)
59	40-50-8850	Disc Spring	(1)
60	42-12-0190	Wobble Shaft Axle	(1)
61	42-24-0066	Front Spindle Bushing	(1)
62	42-24-0525	Rear Spindle Bushing	(1)
63	42-38-0055	Orbit Bumper	(1)
66	42-52-0380	Bearing Cap	(1)
68	42-87-0180	Counter Weight	(1)
69	43-06-0676	Bronze Plate	(1)
70	43-06-0685	Metal Plate	(2)
71	44-60-1750	Lock Pin	(1)
72	43-56-0620	Orbit Plate	(1)
73	43-78-0575	Orbit Drive Hub	(1)

76 77 79 80 81 82 83 84 86 88 99 91 92 93 94 95 96 97	44-60-1635 42-55-2061 44-66-0880 44-86-0035 44-86-0035 45-06-0110 45-06-0475 45-06-0501 45-12-0700 45-12-0700 45-16-0645 45-28-0555 45-36-1445 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-88-1555 45-80-0375 48-76-5012 31-15-0170 40-50-0162 45-22-0175 42-50-0360 42-50-0355 34-60-3700 14-46-1060 23-94-0305 23-94-0310	Carrying Case Shoe Retainer Front Orbit Cap Bearing Retainer Orbit Seal Seal Felt Seal Gearcase Insulator Shoe Assembly Slinger Spacer Washer Washer Washer Gear Protection Clutch Assembly Quik-Lok Cord Spring Cover Torsion Spring Sleeve Rear Cam Front Cam Retaining Ring Quik-Lok Blade Clamp Assembly Leadwire Assembly	NO. REQ. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
	23-94-0310 49-08-4290	Type "T" Grease	(1)

 $100 \frac{71|94|95|96}{97|98|99}$

SEE REVERSE SIDE FOR IMPORTANT SERVICE NOTES

MILWAUKEE ELECTRIC TOOL CORPORATION 13135 W. LISBON RD., BROOKFIELD, WI 53005

FIG. 1	NOTES: Bearing to be installed with seal towards commutator.				
4,37	Press needle bearing flush ±.005 with inner surface of diaphragm.				
6,60	Apply Blue Loctite® 242 to treads of wobble shaft axle prior to installing spinlock hex nut. Torque spinlock hex nut to 160-190 in. lbs.				
6,51	Hold the intermediate gear still with a large pair of pliers and a piece of rubber hose (or other tough, but pliable material to protect the gear from the jaws of the pliers) and remove the 5/16" spinlock hex nut with a wrench, as shown. gear (40) pliers split rubber hose or other protective material				
7,57,61,62,68	Press dowel pins flush to front side of front spindle bushing. Press dowel pins flush to back side of rear spindle bushing. NOTE: Reciprocating spindle (57) and counter weight (68) must be installed inside assembly (7,61) and (7,62) prior to pressing last spindle bushing into place. Be sure to orientate the counter weight with the hole on bottom towards rear spindle bushing, as shown.	rear spindle bushing (62) counter weight (68) dowel pin (7)			
19,47	Install nameplate in motor housing recess prior to assembling diaphragm onto motor housing.	reciprocating spindle (57)			
51,69	Tabs of bronze plate engage intermediate gear.	Orient counter weight as shown with hole on front spindle bushing (61)			
51,59	Concave side of disc spring towards intermediate gear.	bottom towards rear spindle bushing.			
70,73	Tabs of metal plates engage orbit drive hub.	Spinor Samuel			
82	O-ring of polypak seal faces mechanism - toward rear of tool.	Place a thin film of lubrication on dowel pins prior to assembly.			

Ensure drill point exists

Outer Slot

(99)

in bottom of pin hole.

(95)

REMOVING THE STEEL QUIK-LOK® BLADE CLAMP

Remove external retaining ring (99) and pull front cam (98) off.

Shoulder extension of grease slinger should face bearing.

• Pull lock pin (71) out and remove remainder of parts and discard.

REASSEMBLY OF THE STEEL QUIK-LOK® BLADE CLAMP

- Coat new lock pin with powdered graphite.
- Hold tool in a vertical position.

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- Place spring cover (94) onto spindle.
- Slide torsion spring (95) onto spindle with spring leg on hole side of spindle.
- Slide sleeve (96) onto spindle aligning hole on sleeve with hole in spindle.
- Slide rear cam (97) over sleeve until it bottoms on sleeve shoulder, ensure spring leg inserts into hole in rear cam.
- Rotate rear cam in the direction of the arrows located on spring cover until there is clearance for lock pin (71) to be inserted into sleeve/ spindle holes. Insert lock pin.

