SERVICE PARTS LIST

Milwankee® SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS 1-1/2" THUNDERBOLT™ ROTARY HAMMER

REVISED BULLETIN 54-24-0402

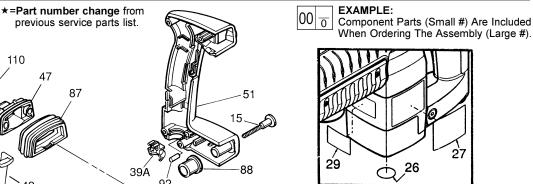
DATE July 2001

WIRING INSTRUCTION 58-01-1555

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A19

STARTING SERIAL NO 5311 844D CATALOG NO.



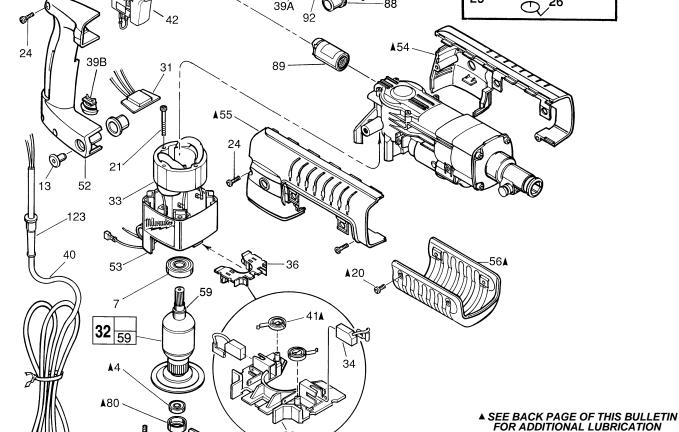
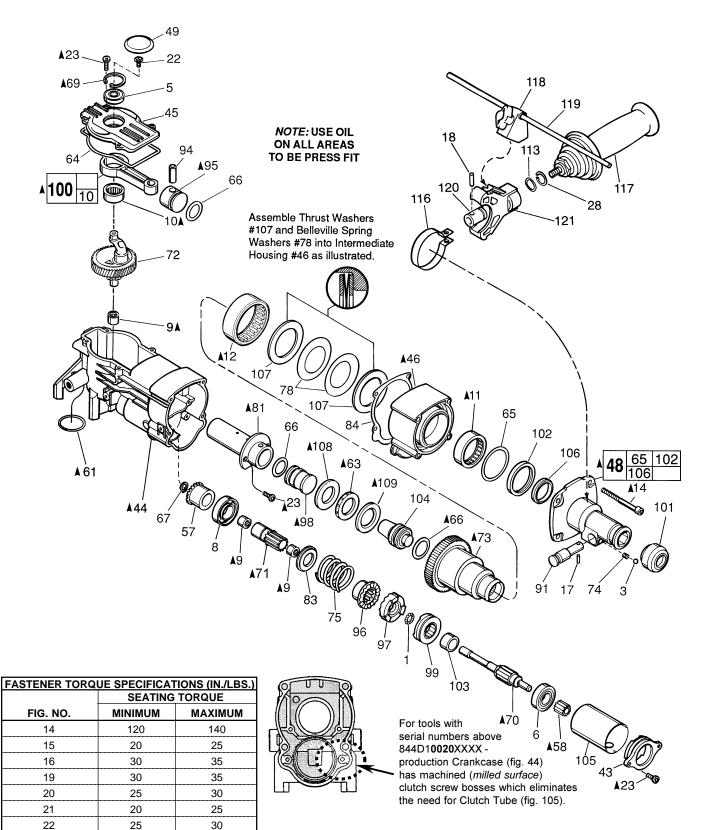


FIG.	PART NO.	DESCRIPTION OF PART NO.	REQ.
4	02-04-0847	Ball Bearing	(1)
7	02-04-1518	Ball Bearing	(1)
13	05-59-0100	Pivot Nut	(1)
15	05-77-0100	Pivot Bolt	(1)
16	05-81-0920	M6 x 1.0 x 120 Pan Hd. Slt. Tapt. T-27	(4)
19	06-81-1805	Special Screw	(2)
20	06-82-7252	8-32 x 3/8" Pan Hd. Slt. Tapt. T-20	(4)
21	06-82-7425	8-16 x 2" Pan Hd. Slt. Plast. T-20	(2)
24	06-95-6290	M5 x 2.24 x 18 Pan Hd. Slt. PT T-20	(7)
26	10-75-2760	Milwaukee Label	(1)
27	10-98-5316	Product Label	(1)
29	12-20-3300	Service Nameplate Kit	(1)
★ 31	14-20-0726	Remote Trigger Speed Control	(1)
32	16-50-1261	120 Volt Armature	(1)
33	18-50-0260	120 Volt Field	(1)
34	22-18-0870	120 V Carbon Brush (2) Kit	(1)
36	22-22-1480	Brush Carrier Assembly	(1)
	31-17-0260	Lower Cord Clamp	(1)
39B	31-17-0265	Upper Cord Clamp	(1)

		AND SERVICE NOTES		
FIG. 40 41 *42 47 50 *51 *52 53 54 55 56 59 80 87	28-90-0280 31-15-0430 31-44-1955 31-44-1960 31-50-0530 31-55-0240 31-55-0250 31-55-0225 34-60-3620 42-96-0130 •	DESCRIPTION OF PART Cord Brush Spring Speed Control Switch Upper Handle Mount Motor Cover Left Handle Half Right Handle Half Motor Housing Left Shroud Right Shroud Belly Shroud Retaining Ring Bearing Cup Isolation Bellows	NO. REQ. (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	
88	43-87-0040	Pivot Isolator	(1) (2)	
88 89 92 93	43-87-0040 43-87-0060 14-46-1001 44-52-0580	Pivot Isolator Isolation Module Assembly Foam Slug Kit (Bag of 10) Handle Cushion	(2) (1) (1)	
110 123		Rubber Washer Cord Protector	(1) (2) (1)	



22-18-0870 CARBON BRUSH SERVICE KIT

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- THIS KIT CONTAINS: -

2 ----- Carbon Brush

BARREL

23

24

BEARING RETAINER

CRANKCASE COVER

HANDLE HALVES AND SHROUDS

CUSHION GRIP

25



_	17-70-3010 1-1/2	L HAMMEN OF WICE WIT
$\overline{}$	THIS K	(IT CONTAINS:
1	31-12-0270	Cap-Cover
1	34-40-4310	Rubber Damping Washer
1	34-40-4320	Seal-Cover
1	34-40-4330	O-Ring
3	34-40-4350	O-Ring
1	42-96-0130	Bearing Cup
1	43-44-0970	Gasket
1	45-06-0540	Dust Seal-Hex
1	45-06-0550	Dust Seal-Round
1	49-08-5250	6 Oz. Tube "S" Grease

▲ SEE BACK PAGE OF THIS BULLETIN FOR ADDITIONAL LUBRICATION AND SERVICE NOTES

FIG.	PART NO.	DESCRIPTION OF PART NO	o. REQ
1	02-02-0120	1/8" Steel Ball	(12)
3	02-02-0250	1/4" Steel Ball	(1)
5	02-04-0911	Ball Bearing	(1)
6	02-04-1510	Ball Bearing	(1)
8	02-04-2000	Ball Bearing	(1)
9	02-50-2470	Needle Bearing	(3)
10	02-50-4020	Needle Bearing	(1)
11	02-50-9000	Needle Bearing	(1)
12	02-50-9000	Needle Bearing	(1)
14	05-74-0670	M6 x 1.0 x 70 Skt. Hd. Cap Screw T-27	
± 17	06-65-0831	Groove Pin Service Kit	(1)
18	06-65-1660	Dowel Pin	(1)
22	06-82-8842	8-32 x 3/8" Pan Hd. Slt. Taptite T-20	(1)
23	06-95-6280	M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20	
28	34-60-2580	External Retaining Ring	(1)
43	30-89-0010	Bearing Retaining King	(1)
44	28-14-2285	Crankcase	(1)
45	28-20-1325	Crankcase Cover	(1)
46	28-50-6445	Intermediate Housing	(1)
48	14-52-0020	Nose Assembly	
49	31-12-0270 ●	Cap-Cover	(1) (1)
57	32-05-2250	Bevel Gear	` '
58	32-60-2590	Clutch Pinion	(1)
61			(1)
63	34-40-1375 34-40-4310 ●	O-Ring Rubber Damping Washer	(1)
64	34-40-4320 •	Seal-Cover	(1) (1)
65	34-40-4330 •	O-Ring	` '
		O-Ring	(1)
66 67	34-40-4350 ●	Retaining Ring	(3)
	34-60-0700	Retaining Ring Retaining Ring-Beveled	(1)
69 70	34-80-5090 36-14-0760	Clutch Shaft	(1)
70 71		Hollow Clutch Shaft	(1)
71 72	36-14-0770		(1)
72 73	14-09-0140	Crankshaft Assembly Spindle	(1)
73 74	38-50-6030	•	(1)
74 75	40-50-8420	Bit Lock Spring Compression Spring	(1)
78	40-50-8575	Belleville Spring	(1)
76 81	40-50-8590	Barrel	(2)
83	42-98-0240 43-34-0740	Spring Flange	(1)
84	43-44-0970 ●	Gasket	(1)
91	44-20-0222	Bit Lock	(1)
94	44-60-1400	Wrist Pin	(1)
95	44-62-0210	Piston	(1) (1)
96	44-66-6030	Splined Clutch Plate	. ,
97	44-66-6045	Fixed Clutch Plate	(1) (1)
98	44-82-0170	Ram	(1)
99	44-90-4400	Shift Ring	(1)
100	44-94-0395	Connecting Rod Assembly	(1)
101	49-62-0095 ●	Dust Seal-Hex (5/pkg.)	(1)
101	49-62-0105 ●	Dust Seal-Round (5/pkg.)	(1)
102	45-06-0560	Oil Seal	(1)
103	45-36-1530	Spacer	(1)
104	45-56-2610	Striker	(1)
105	45-76-0490	Clutch Tube	(1)
106	45-88-5176	Felt Seal	(1)
107	45-88-8520	Thrust Washer	(2)
108	45-88-8530	Barrel Thrust Washer	(1)
109	45-88-8535	Striker Cushion Washer	(1)
113	45-88-8730	Wave Washer	(1)
115	06-14-0040	Hex Head Cap Screw-Special	(1)
116	42-16-0150	Side Handle Band	(1)
117	14-34-0516	Side Handle Assembly	(1)
118	14-34-0551	Depth Rod Mount Assembly	(1)
119	44-94-0165	Depth Gauge Rod	(1)
120	44-86-0620	Band Retainer	(1)
121	31-44-2020	Side Handle Housing	(1)
		Ŭ	` '
	61-10-0670	Nose Service Tool	

61-10-0670 Nose Service Tool

NOTE: Check the clutch torque. Clutch must slip at 30 to 40 ft.-lbs. at the spindle, checked clockwise as viewed from the front of the tool.

▲ SEE BACK PAGE OF THIS BULLETIN FOR ADDITIONAL LUBRICATION AND SERVICE NOTES

