SERVICE PARTS LIST

PAGE 1 OF 2 54-24-0426

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

5316

CATALOG NO.

STARTING SERIAL NO

845B

REVISED BULLETIN DATE 54-24-0425 Jan. '99

WIRING INSTRUCTION 58-01-1555

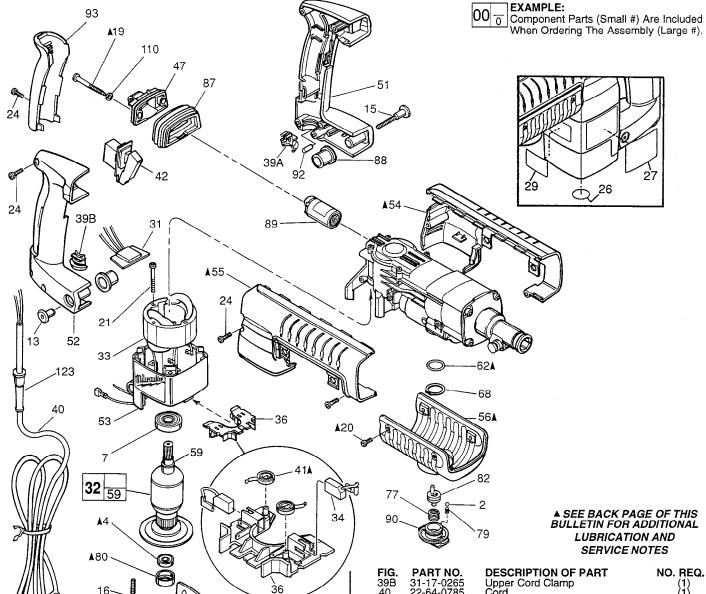


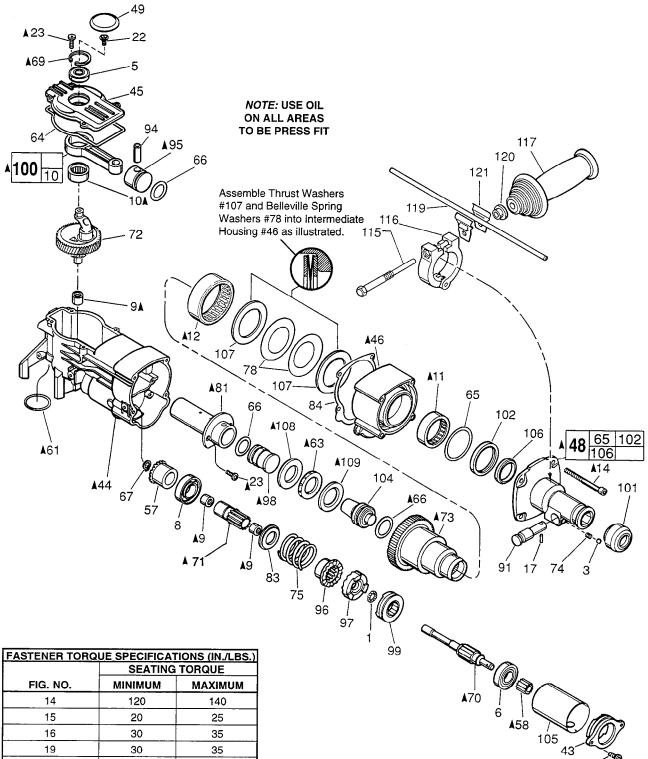
FIG.	PART NO.		REQ.
2	02-02-0180	3/16" Steel Ball	(2)
4 7	02-04-0847	Ball Bearing	(1)
	02-04-1518	Ball Bearing	(1)
13	05-59-0100	Pivot Nut	(1)
15	05-77-0100	Pivot Bolt	(1)
16	05-81-0920	M6 x 1.0 x 120 Pan Hd. Slt. Tapt. T-27	
19	06-81-1805	Special Screw	(2)
20	06-82-7252	8-32 x 3/8" Pan Hd. Slt. Tapt. 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	14-20-0725	Remote Trigger Speed Control	(1)
32	16-50-1260	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 Assemblý	(1)
39A	31-17-0260	Lower Cord Clamp	(1)

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FIGB 940 447 551 555 556 667 790 887 888 890	PART NO. 31-17-0265 22-64-0785 23-52-1550 23-66-1930 28-90-0280 31-15-0430 31-44-1850 31-50-0530 31-55-0200 31-55-0210 31-55-0210 34-60-3620 34-40-4160 34-60-3630 40-50-8585 40-50-8590 42-96-0130 43-87-0030 43-87-0040 43-87-0040	DESCRIPTION OF PART Upper Cord Clamp 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 O-Ring Retaining Ring Torsion Spring Compression Spring Bearing Cup Shift Disk Assembly Isolation Bellows Pivot Isolator Isolation Module Assembly Rotostop Knob	NO. REQ. (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
88 89	43-87-0040 43-87-0060	Pivot Isolator Isolation Module Assembly	(2) (1)
92 93 110 123	43-98-0470 14-46-1001 44-52-0580 45-88-8555 44-76-0210	Foam Slug Kit (Bag of 10) Handle Cushion Rubber Washer Cord Protector	(1) (1) (1) (2) (1)
120	77-70-02 IU	COTO I TOTOCIOI	(1)

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

Drwg. 2



		SEATING TORQUE	
L_	FIG. NO.	MINIMUM	MAXIMUM
	14	120	140
15		20	25
	16	30	35
	19	30	35
	20	25	30
L	21	20	25
	22	25	30
	BARREL	30	35
23	BEARING RETAINER	20	25
	CRANKCASE COVER	25	30
24	HANDLE HALVES AND SHROUDS	20	25
24	CUSHION GRIP	6	10
25		35	45

22-18-0870 CARBON BRUSH SERVICE KIT

THIS KIT CONTAINS: -

2 ----- Carbon Brush

● 14-46-9070 1-1/2" HAMMER SERVICE KIT

•	7-40-30/0 I-1/2	HAMINER SERVICE KII
	—— THIS KI	T 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	49-08-4230	6 Oz. Tube "N" Grease

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

FIG.	PART NO.	DESCRIPTION OF PART	NO. 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	02-50-9985	Needle Bearing	(1)
14	05-74-0670	M6 x 1.0 x 70 Skt. Hd. Cap Screw T	-27 (4)
17	06-65-0828	Groove Pin	(1)
22	06-82-8842	8-32 x 3/8" Pan Hd. Slt. Taptite T-20	
23	06-95-6280	M4 x 0.7 x 14 Pan Hd. Slt. Taptite T	-20 (8)
43	28-12-0360	Bearing Retainer	(1)
44	28-14-2265	Crankcase	(1)
45	28-20-1325	Crankcase Cover	(1)
46	28-50-6445	Intermediate Housing	(1)
48	14-52-0020	Nose Assembly	(1)
49	31-12-0270●	Cap-Cover	(1)
57	32-05-2250	Bevel Gear	(1)
58	32-60-2590	Clutch Pinion	(1)
61	34-40-1375	O-Ring	(1)
63	34-40-4310●	Rubber Damping Washer	(1)
64	34-40-4320●	Seal-Cover	(1)
65	34-40-4330●	O-Ring	(1)
66	34-40-4350●	O-Ring	(3)
67	34-60-0700	Retaining Ring	(1)
69	34-80-5090	Retaining Ring-Beveled	(1)
70	36-14-0760	Clutch Shaft	(1)
★ 71	36-14-0770	Hollow Clutch Shaft	(1)
72	14-09-0140	Crankshaft Assembly	(1)
73	38-50-6030	Spindle	(1)
-74	40-50-8420	Bit Lock Spring	(1)
75	40-50-8575	Compression Spring	(1)
78	40-50-8590	Belleville Spring	(2)
81	42-98-0240	Barrel	(1)
83	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)
96 ★97	44-66-6030	Splined Clutch Plate Fixed Clutch Plate	(1)
98	44-66-6045 44-82-0170	Ram	(1)
99	44-90-4380	Shift Ring	(1)
100	44-94-0395	Connecting Rod Assembly	(1) (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)
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)
115	06-14-0030	Hex Head Cap Screw-Special	(1)
116	14-34-0540	Handle Ring Assembly	(1)
117	14-34-0510	Side Handle Assembly	(1)
119	44-94-0165	Depth Gauge Rod	(1)
120	45-36-1570	Spacer	(1)
121	45-60-0600	Depth Rod Clamp	(2)
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	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

