



SERVICE PARTS LIST

BULLETIN NO.
PN0008760

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M12 FUEL™ Straight Die Grinder			June 2026
CATALOG NO. 3486-20	SERIAL NO. R71A	WIRING INSTRUCTION See Page 2	
NAMEPLATE SPECIFICATIONS: 12 V = n 0 - 20 000 min ⁻¹ (RPM)			

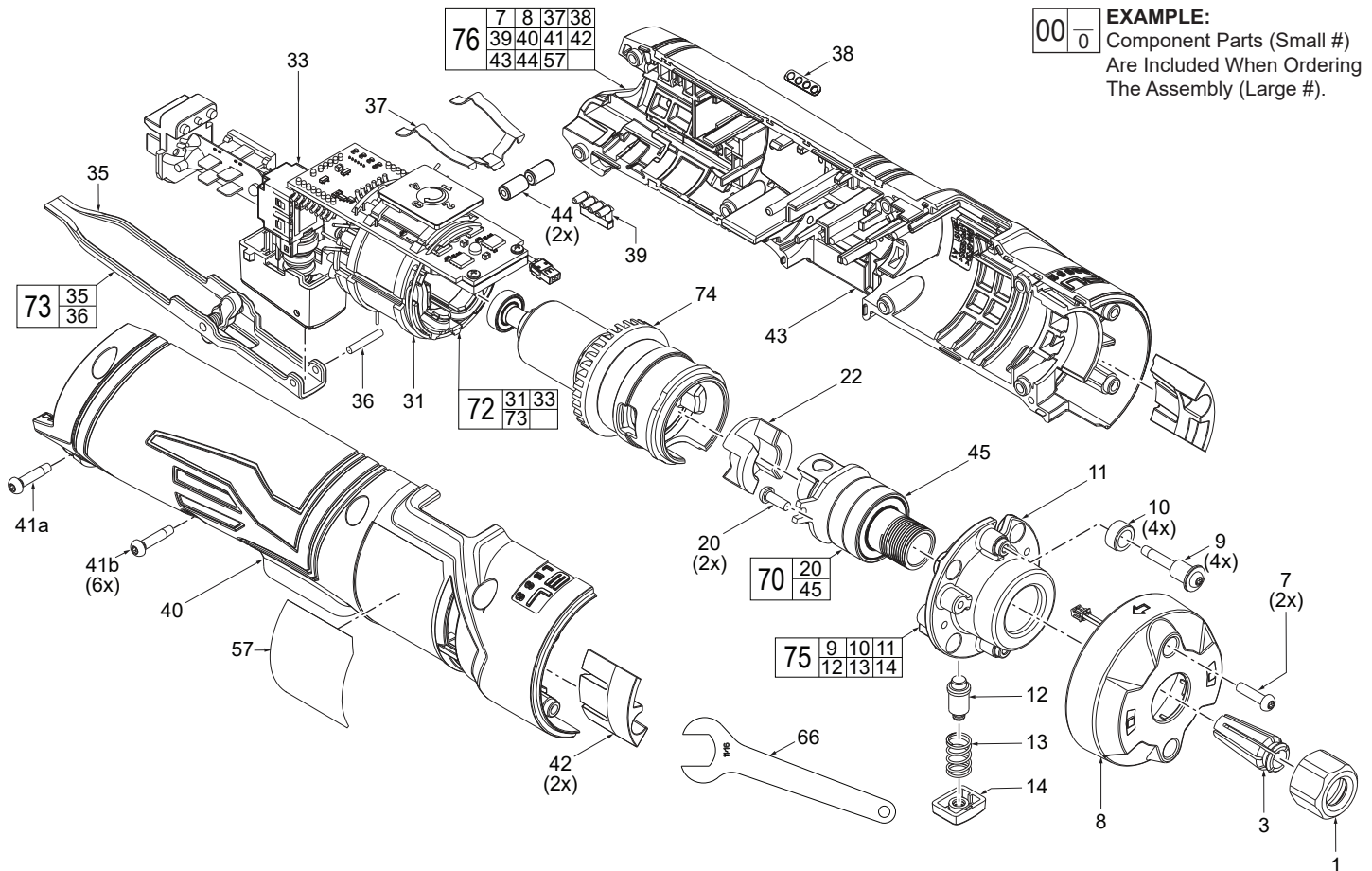


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	48-68-0031	1/4" Collet Nut	(1)
3	48-66-2004	1/4" Collet	(1)
7	05-74-0501	M3 x 12mm Pan Hd. T-10 Screw	(2)
8	23-28-0035	LED Bezel	(1)
9	05-78-0065	M3 x 21.8mm Pan Washer Hd. ST Screw	(4)
10	43-87-0025	Front Rubber Isolator	(4)
11	-----	Spindle Case	(1)
12	-----	Spindle Lock Pin	(1)
13	-----	Lock Pin Spring	(1)
14	-----	Lock Pin Cap	(1)
20	05-81-0015	M3 x 8.5mm Pan Hd. T-10 Screw	(2)
22	42-90-0024	Plastic Coupler	(1)
31	-----	Stator	(1)
33	-----	PCBA	(1)
35	-----	Paddle	(1)
36	44-60-1002	Trigger Pivot Pin	(1)
37	42-70-0480	Spring Clip	(1)
38	10-22-3050	Fuel Gauge Label	(1)
39	23-28-0110	Light Pipe	(1)
40	-----	Handle Cover	(1)
41a	06-82-1080	M3 x 14mm Pan Hd. T-10 Screw	(1)
41b	06-82-1080	M3 x 14mm Pan Hd. T-10 Screw	(6)
42	43-87-0055	Rear Rubber Isolator	(2)
43	-----	Handle Support	(1)
44	45-30-0100	Rubber Slug	(2)
45	-----	Spindle Shaft	(1)
57	12-20-0436	Service Nameplate	(1)
66	49-96-4090	11/16" Wrench	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
70	38-50-0170	Spindle Shaft Assembly	(1)
72	22-80-0045	PCBA Assembly	(1)
73	31-92-0050	Paddle Assembly	(1)
74	14-08-0020	Rotor Assembly	(1)
75	42-42-0200	Lock Button Assembly	(1)
76	31-44-0233	Handle Housing Kit	(1)

FIG. NOTES

38,57

A clean, dry surface is essential for proper performance for any adhesive system. The area intended for application of any adhesive label or nameplate must be prepared by cleaning with isopropyl alcohol. The solvent is to be applied with a clean, lint free applicator and the surface allowed to dry before applying the label or nameplate.

SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
7	05-74-0501	LED Bezel	8±1	7±1
9	05-78-0065	Lock Button Assy.	8±1	7±1
20	05-81-0015	Spindle Shaft Assy.	8±1	7±1
41a	06-82-1080	Handle Housing	7.5±1	6.5±1
41b	06-82-1080	Handle Housing	9±1	8±1

MILWAUKEE TOOL • www.milwaukeetool.com
13135 W. LISBON RD., BROOKFIELD, WI 53005

Drwg. 1

WIRE ROUTING

PCBA Assembly 22-80-0045

