



SERVICE PARTS LIST

BULLETIN NO.
54-49-3010

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18™ FUEL Single Battery Brush Cutter			Nov. 2023
CATALOG NO.	3015-20	STARTING SERIAL NO.	N46A
		WIRING INSTRUCTION See Page 3 & 4	

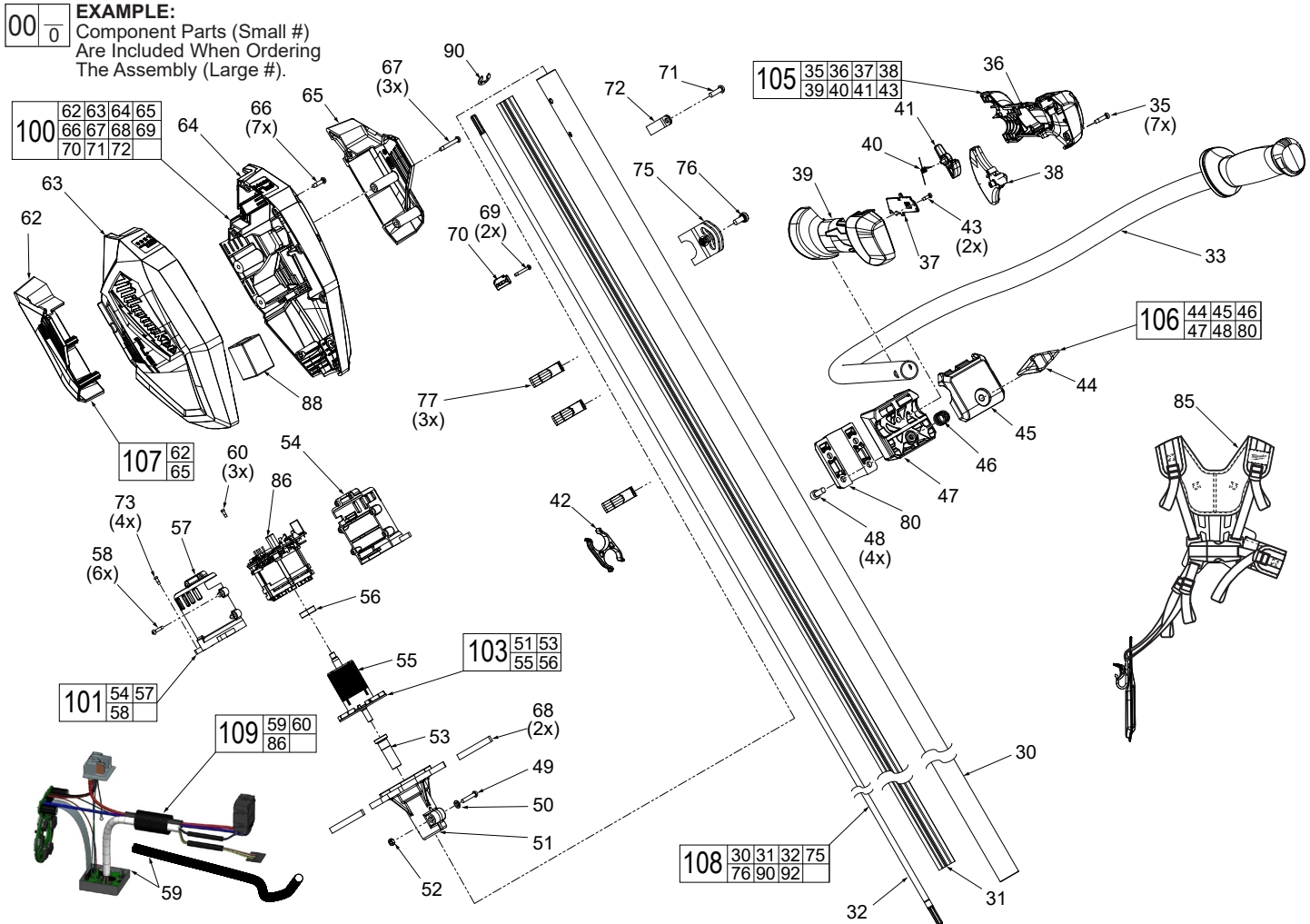


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.	FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
30	-----	Extension Tube	(1)	63	-----	Motor Housing-Right	(1)
31	-----	Tube Liner	(1)	64	-----	Motor Housing-Left	(1)
32	-----	Spline Drive Shaft	(1)	65	-----	Lower Housing-Left	(1)
33	31-44-0297	Handlebar w/Left Handle Assy	(1)	66	05-88-1200	M4 x 16mm Pan Hd. ST T-20 Screw	(7)
35	05-88-1200	M4 x 16mm Pan Hd. ST T-20 Screw	(7)	67	05-88-1300	M4 x 1.4 x 28mm Pan Hd. ST T-20 Screw	(3)
36	-----	Right Handle Cover	(1)	68	44-52-0001	Rubber Pad with Adhesive (Set of 2)	(1)
37	22-56-0063	Wire Cover	(1)	69	42-70-0079	M3 x 22mm Pan Hd. ST T-10 Screw	(2)
38	23-66-0207	Trigger	(1)	70	28-10-0022	Wire Clamp	(1)
39	-----	Right Handle Halve-Support	(1)	71	05-74-0315	M5 x 17mm Pan Hd. T-25 Machine Screw	(1)
40	40-50-0218	Torsion Spring	(1)	72	28-10-0021	Tube Clamp	(1)
41	31-76-0026	Trimmer Lockout	(1)	73	06-82-7240	6-19 x 1/2" Pan Hd. ST T-15 Screw	(4)
42	22-44-0015	Handlebar Loom Clip	(1)	75	23-94-0073	Harness Loop Band	(1)
43	06-82-0154	M3 x 10mm Pan Hd. ST T-10 TP Screw	(2)	76	05-74-0238	M6 x 14mm Pan Hd. T30 Screw	(1)
44	05-77-0013	Wing Screw	(1)	77	42-70-0082	Loom Clip	(3)
45	28-10-0017	Top Clamp	(1)	80	28-10-0023	Bottom Clamp Cap	(1)
46	40-50-0479	Clamp Spring	(1)	85	23-94-0511	Dual Strap Harness	(1)
47	28-10-0019	Bottom Clamp	(1)	86	-----	Stator	(1)
48	05-74-0246	M6 x 16mm Pan Hd. T-30 Mach. Screw	(4)	90	34-60-0066	E-Ring	(1)
49	05-74-0249	M4 x 20mm Pan Hd. T-20 Machine Screw	(1)	92	10-20-9887	Warning Label (not shown)	(1)
50	45-88-0379	Washer	(1)	94	12-20-0582	Service Nameplate (not shown)	(1)
51	-----	Motor Mount	(1)	100	31-44-0701	Housing Kit	(1)
52	05-88-0032	M4 Hex Nut	(1)	101	31-50-0023	Motor Insulator Kit	(1)
53	42-06-0048	Drive Shaft Coupling	(1)	103	16-01-0036	Rotor Assembly	(1)
54	-----	Motor Insulator - Bottom	(1)	105	31-44-0713	Handle/Trigger Kit	(1)
55	-----	Rotor	(1)	106	31-44-0708	Handle Attachment Kit	(1)
56	-----	Ball Bearing	(1)	107	31-44-0706	Lower Housing Kit	(1)
57	-----	Motor Insulator - Top	(1)	108	42-92-0121	Tube Kit	(1)
58	-----	M3.0 x 14mm Pan Hd. T-10 ST Screw	(6)	109	14-20-0412	Electronics Assembly	(1)
59	-----	PCBA	(1)				
60	06-82-0053	M2.6 x 8mm Pan Hd. Tapt. T-8 Scr.	(3)				
62	-----	Lower Housing-Right	(1)				

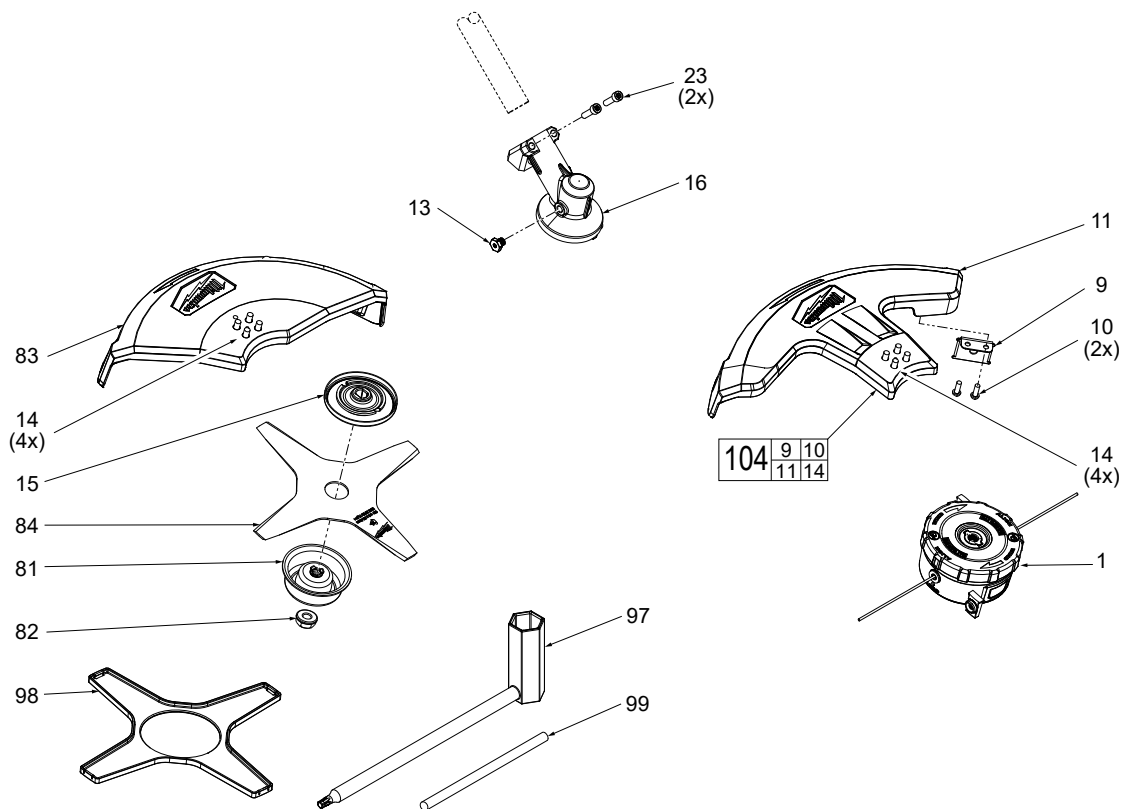
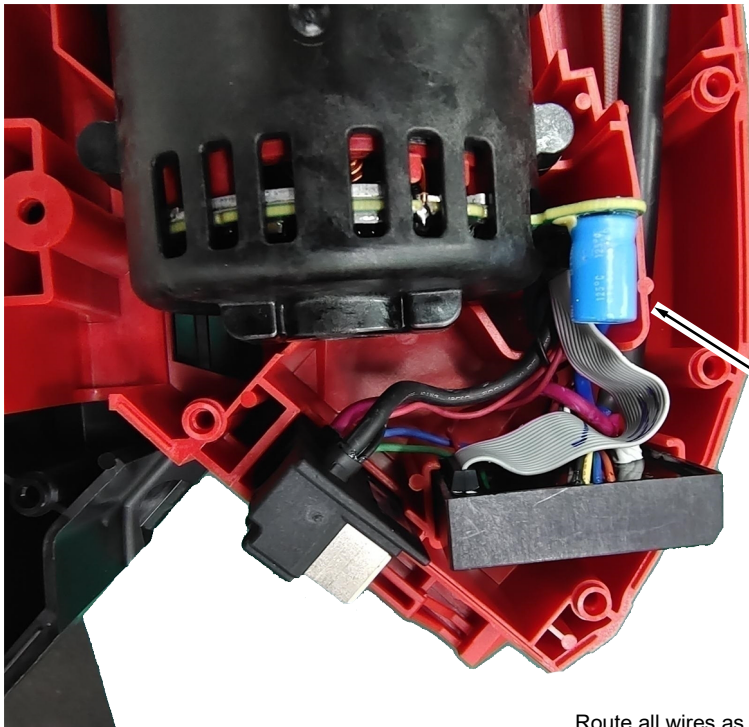


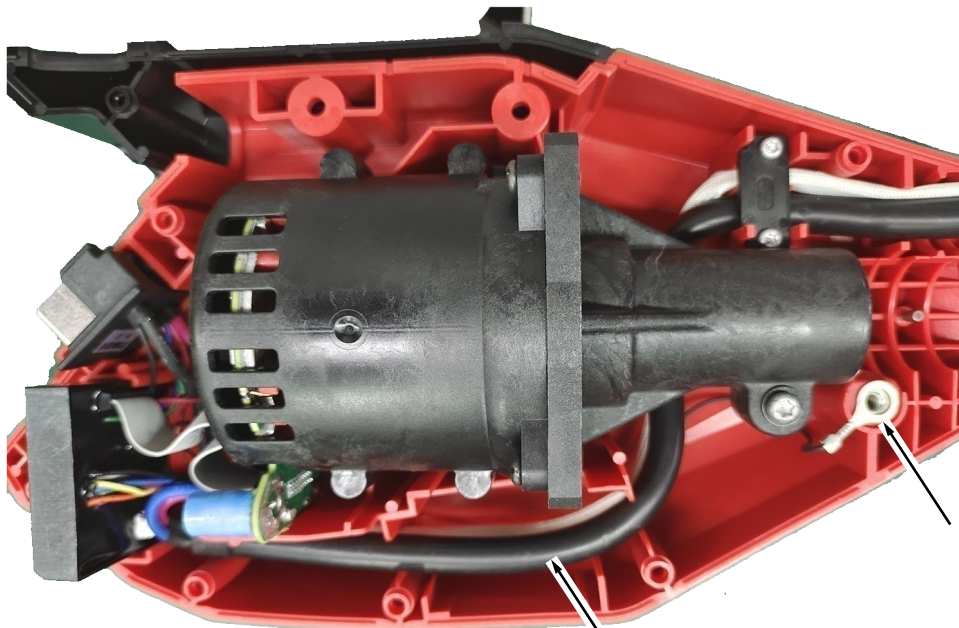
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	14-46-0423	Trimmer Head, Easy Load	(1)
9	42-26-0024	Cutoff Line Blade	(1)
10	05-74-0935	M5 x 15mm Pan Hd. T-25 Machine Screw	(2)
11	28-28-0039	String Trimmer Guard w/ Captive Screws	(1)
13	05-81-0131	M6 x 17.8mm Flat Hd. Hex Mach Screw	(1)
14	05-74-0084	M6 x 4mm Pan Hd. T-30 Captive Screw	(8)
15	28-28-0044	Lock Plate Assembly	(1)
16	31-01-0042	Gearbox	(1)
23	05-74-0015	M6 x 21.5mm Cap Hd. T-30 Mach Screw	(2)
81	31-10-0019	Blade Mount Assembly	(1)
82	05-74-0313	Hexagon Nut	(1)
83	28-41-0022	Brush Cutter Guard	(1)
84	49-16-2757	Brush Cutter Blade	(1)
97	45-96-0030	Wrench	(1)
98	42-92-0175	Brush Cutter Cover	(1)
99	44-60-0143	Head Removal Pin	(1)
104	43-54-0027	String Trimmer Guard Assembly	(1)

SCREW TORQUE SPECIFICATIONS				
FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			(kgf-cm)	(lb-in)
10	05-74-0935	String Trimmer Guard	15-20	15-17
23	05-74-0015	Gear Case	25-28	22-24
35	05-88-1200	Right Handle Cover	16-20	14-17
43	06-82-0154	Wire Cover	8-10	7-9
48	05-74-0246	Bottom Clamp Cap	32-40	28-35
49	05-74-0012	Motor Mount	11-14	10-12
58	06-82-1080	Motor Insulator	8-12	7-10
60	06-82-0053	Stator	2.5-3	2-3
66	05-88-1200	Motor Housing - Left	19-23	17-20
67	05-88-1300	Lower Housing - Left	16-20	14-17
71	05-74-0315	Powerhead Support	30-40	26-35
73	06-82-7240	Motor Mount Assembly	10.5-13	9-11
76	05-74-0238	Harness Loop	40-50	35-43



Be sure the rib is not covered by wires.

Route all wires as shown ensuring wires are placed completely down in wire traps. Verify all electrical components are installed firmly and squarely in housing cavities.



Ground wire installation

Be sure the white wire is below the black wire.

Route all wires as shown ensuring wires are placed completely down in wire traps. Verify all electrical components are installed firmly and squarely in housing cavities.

