



SERVICE PARTS LIST

BULLETIN NO.
PN0007935

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS	
M12 FUEL™ 1/4" Subcompact Impact Wrench w/ Friction Ring	
CATALOG NO. 3048-20	SERIAL NO. R45A

REVISED BULLETIN	DATE
	July 2025
WIRING INSTRUCTION See Page 2	

SCREW TORQUE SPECIFICATIONS

FIG. PART NO. WHERE USED	SEAT TORQUE	
	kgf-cm	lb-in
21 06-82-0243 Screw M2 x 0.89 PH Torx T6	3+/-0.5	2.6+/-4
34 06-82-6351 Screw M3 x 1.06 mm	8.5+/-1	7.4+/-1

00 0

EXAMPLE:

Component Parts (Small #) Are Included When Ordering The Assembly (Large #).

11	12	14	16
17	18	19	20
45	46	48	

109

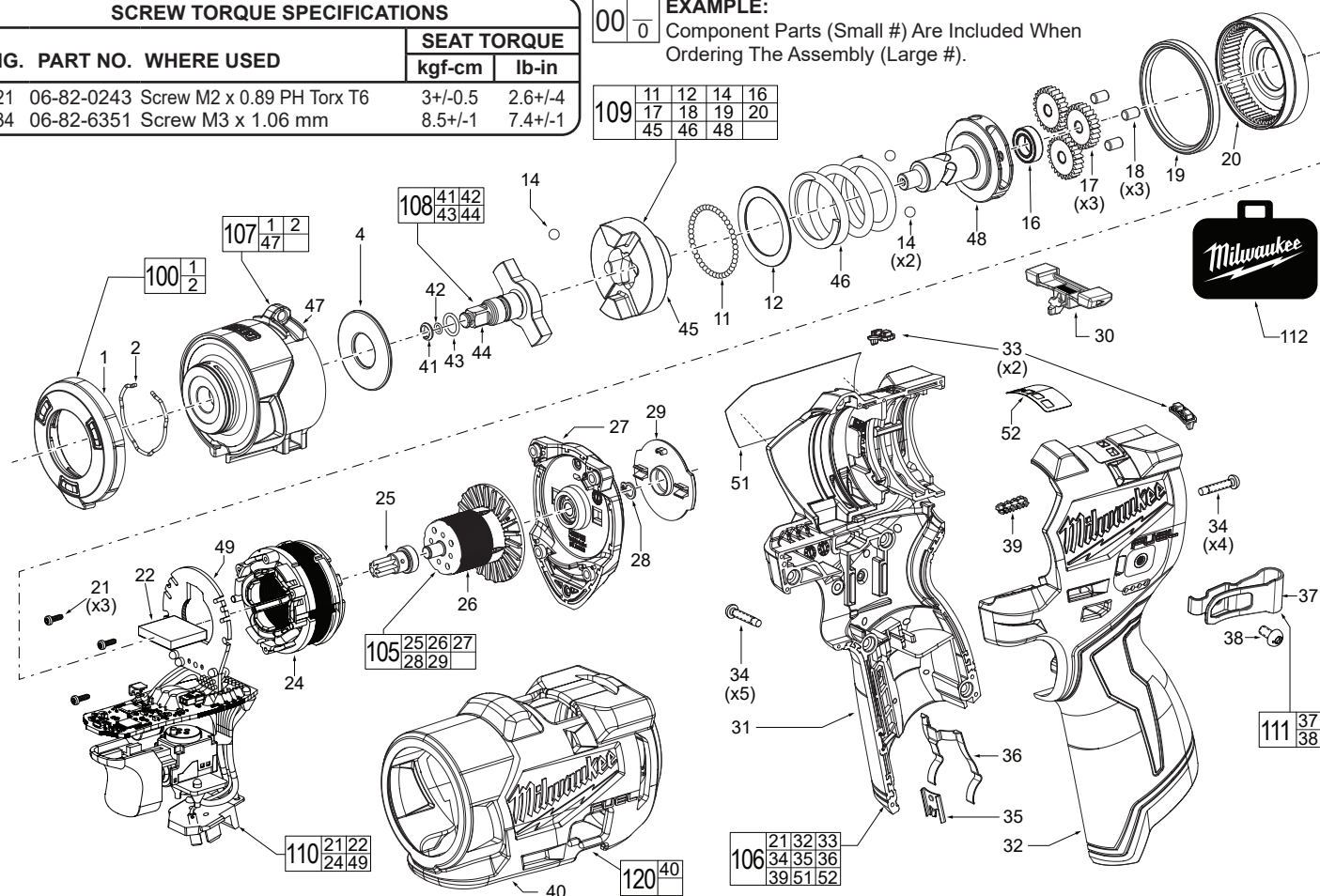


FIG. PART NO.	DESCRIPTION OF PART	NO. REQ.
1	Shadowless Worklight Wire Harness	(1)
2	Shadowless Retaining Ring	(1)
4 45-88-2554	Gearcase Washer	(1)
11	Ball Bearing Ring GCr15	(1)
12	Hammer Washer	(1)
14 02-02-1100	Ball Bearing Steel GCr15 4 mm Dia.	(3)
16	Ball Bearing MR148-2RS 14 mm O.D.	(1)
17	Planet Gear	(3)
18	Planet Pin	(3)
19	Rubber Gearbox Sleeve	(1)
20	Ring Gear	(1)
21 06-82-0243	PT Screw M2 x 0.89 Torx T6	(3)
22	Foam Pad for PCB Assembly	(1)
24	Motor Field 12V-DC BL40	(1)
25	Motor Pinion	(1)
26	Injection Rotor	(1)
27	Back Cap w/ Bearing	(1)
28	Retaining Ring 6.5 mm O.D.	(1)
29 44-66-0120	Logo Plate	(1)
30 45-24-0036	Forward and Reverse Shuttle	(1)
31	Right Housing Half - Cover	(1)
32	Left Housing Half - Support	(1)
33 45-24-0037	Mode Select Lens	(2)
34 06-82-6351	Screw M3 x 1.06 mm	(9)
35 42-70-0058	Housing Connector	(1)
36 42-70-0480	Spring Clip	(1)

FIG. PART NO.	DESCRIPTION OF PART	NO. REQ.
37	Belt Clip	(1)
38	Screw M6-32	(1)
39 44-06-0052	Fuel Gauge Lens	(1)
40 42-38-0058	Rubber Boot	(1)
41	Friction Ring	(1)
42	Rubber O-Ring 7.4 mm O.D.	(1)
43	Rubber O-Ring 13.5 mm O.D.	(1)
44	1/4" Anvil	(1)
45	Hammer	(1)
46	Hammer Spring	(1)
47	Gearcase	(1)
48	Camshaft Tip 6.5 mm Dia.	(1)
49	PCB Assembly	(1)
51 12-20-2017	Service Nameplate	(1)
52 10-22-2966	Gauge Label	(1)
100 14-20-0390	Shadowless Assembly	(1)
105 14-20-0393	Rotor Assembly	(1)
106 31-44-0200	Handle Assembly	(1)
107 14-29-0196	Gearcase Assembly	(1)
108 42-06-0051	Anvil Assembly	(1)
109 14-20-0394	Mechanism Assembly	(1)
110 14-46-0369	Electronics Assembly	(1)
111 42-70-0044	Belt Clip Assembly	(1)
112 42-55-3400	Contractor Bag	(1)
120 42-38-0059	Rubber Boot Assembly	(1)

FIG. 51, 52 NOTES:

Adhesive labels and nameplates must be put on a clean and dry surface. Use a clean, lint-free cloth to wipe the area with isopropyl alcohol. Let the surface dry before you apply the label or name plate.

LUBRICATION INSTRUCTIONS

Use Type 'J' Grease, No. 49-08-4220.

When servicing, remove 90-95% of the existing grease before applying the Type 'J' grease. The original grease could be similar in color but it is NOT compatible with Type 'J' grease. The total amount of grease should not be more than 4.5 g.

FIG.	PART DESCRIPTION	INSTRUCTIONS	AMOUNT
44	Anvil	Put grease on the body of the anvil	0.4 g
45	Hammer	Put grease on the hammer	0.9 g
12	Hammer Washer	Put grease on the hammer washer	0.1 g
48	Camshaft	Put grease on the camshaft groove Put grease on the camshaft hole	0.6 g 1.2 g
18	Planet Pin	Put grease on the planet pin	0.1 g
20	Ring Gear	Put grease on the thread, bottom face, and inner diameter of the ring gear	0.8 g
TOTAL AMOUNT OF GREASE:			4.5 g

WIRING AND ELECTRONICS ASSEMBLY INSTRUCTIONS

The bottom position of the sliding tube must be level with the HIT board (A). The trigger wire must be below the sliding tube (B). Make sure the glue fully covers the wires (C) and is not damaged (D). The wires must be fully connected (E) without gaps (F) or separation (G).

All components must be tight and aligned correctly to prevent interference when the housing cover is installed.

