



SERVICE PARTS LIST

BULLETIN NO.
PN0007936

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

M12 FUEL™ 3/8" Subcompact Impact Wrench w/ Friction Ring

CATALOG NO. 3049-20

SERIAL NO. R46A

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 #).

103	10	11	12	13
	14	15	16	17
	18	19	20	

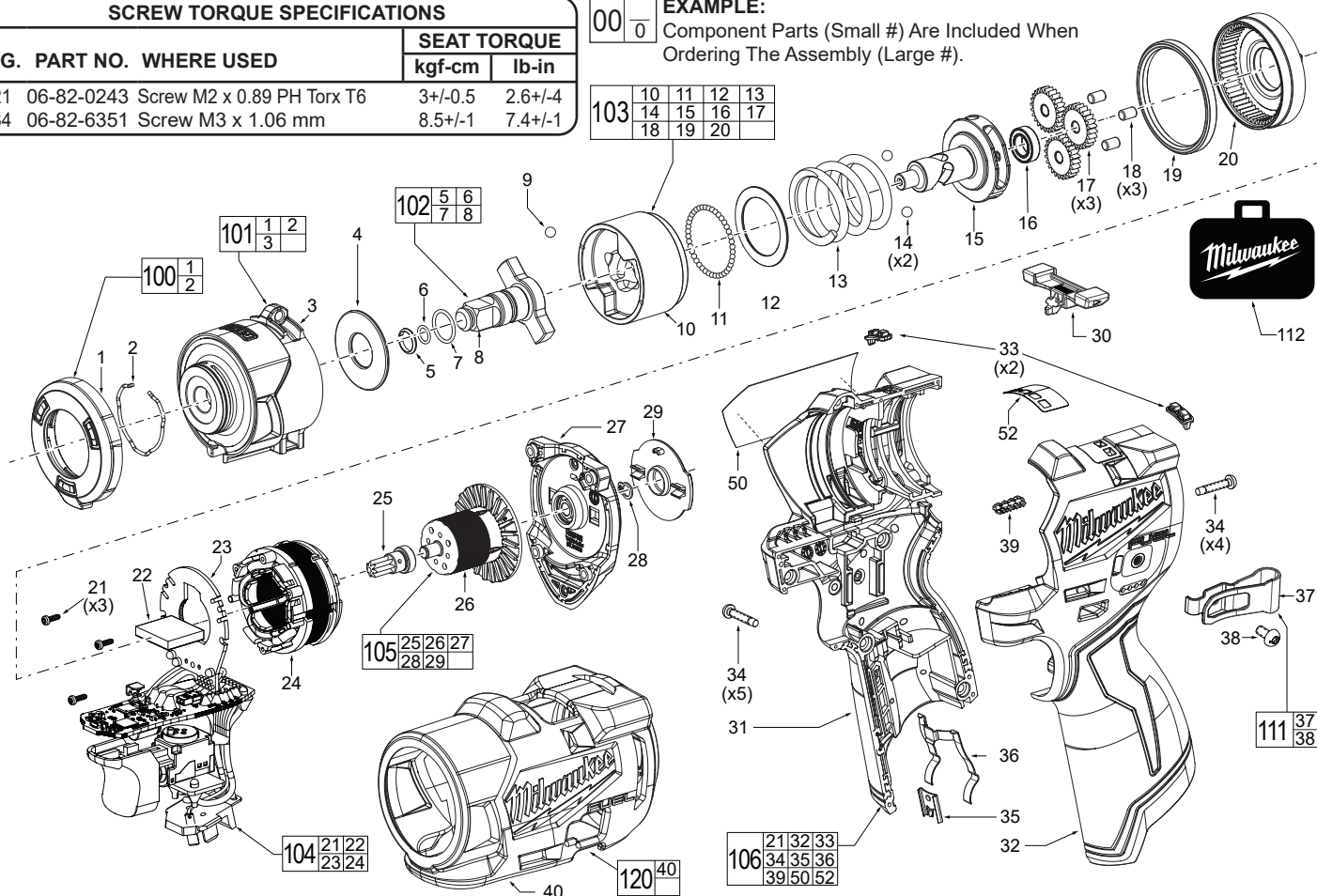


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	-----	Shadowless Worklight Wire Harness	(1)
2	-----	Shadowless Retaining Ring	(1)
3	-----	Gearcase	(1)
4	45-88-2554	Gearcase Washer	(1)
5	-----	Friction Ring	(1)
6	-----	Rubber O-Ring 7.4 mm O.D.	(1)
7	-----	Rubber O-Ring 13.5 mm O.D.	(1)
8	-----	3/8" Anvil	(1)
9	02-02-0098	Ball Bearing Steel 7.0 mm Dia.	(2)
10	-----	Hammer	(1)
11	-----	Ball Bearing Ring GCr15	(1)
12	-----	Hammer Washer	(1)
13	-----	Hammer Spring	(1)
14	02-02-1100	Ball Bearing GCr15 4.0 mm Dia	(2)
15	-----	Camshaft	(1)
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)
23	-----	PCB Assembly	(1)
24	-----	Motor Field 12V-DC BI40	(1)
25	-----	Motor Pinion	(1)
26	-----	Injection Rotor	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
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)
37	-----	Belt Clip	(1)
38	-----	Screw M6-32	(1)
39	44-06-0052	Fuel Gauge Lens	(1)
40	42-38-0058	Rubber Boot	(1)
50	12-20-2017	Service Nameplate	(1)
52	10-22-2966	Gauge Label	(1)
100	14-20-0390	Shadowless Assembly	(1)
101	14-29-0195	Gearcase Assembly	(1)
102	42-06-0050	Anvil Assembly	(1)
103	14-20-0391	Mechanism Assembly	(1)
104	14-20-0392	Electronics Assembly	(1)
105	14-20-0393	Rotor Assembly	(1)
106	31-44-0200	Handle 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
8	Anvil	Put grease on the body of the anvil	0.4 g
10	Hammer	Put grease on the hammer	0.9 g
12	Hammer Washer	Put grease on the hammer washer	0.1 g
15	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.

