SERVICE PARTS LIST

BULLETIN NO. 54-47-0430

Milwaukee SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS REVISED BULLETIN DATE Nov. 2022 M12™ FUEL 1/4" LONG REACH RATCHET WIRING INSTRUCTION SERIAL 2568-20 **N27A** CATALOG NO. See Pages 2 and 3 NUMBER

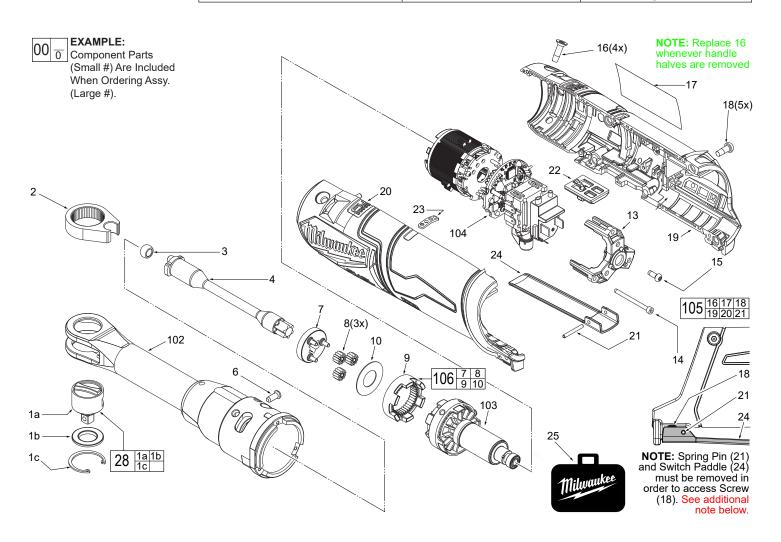


FIG. 1a 1b 1c	PART NO	DESCRIPTION OF PART 1/4" Anvil Friction Plate Retaining Ring	NO. REQ. (1) (1) (1)
2 3 4 6 7 8	42-40-0017 36-17-0016 44-60-0890 28-23-1010 32-62-0085	Yoke (for 1/4" ratchet) Bushing (for 1/4" ratchet) Crank Shaft (for 1/4" ratchet) Drive Pin Carrier Planet Gear (for 1/4" ratchet)	(1) (1) (1) (1) (1) (3)
9 10 13 14	32-64-0130 05-90-0230 44-66-1006 05-84-0205 06-82-2310	Ring Gear (for 1/4" ratchet) Washer Motor Plate M2.5 Screw M3 x 8mm Pan Hd. T-10 Screw	(1) (1) (1) (1) (3)
16	05-81-0594 12-20-0461 05-71-0017	M4 Flat Hd. T-20 Screw Service Nameplate M4 x 10mm Pan Hd. T-20 Screw Housing Cover - Right Housing Halve Housing Support - Left Housing Halve	(4) (1) (5) (1)
21 22 23 24 25	44-60-0575 42-42-0119 10-20-7229 44-10-0740 42-55-2559	Rivet Pin Switch Lock-Out Fuel Gauge Label Switch Paddle Zippered Tool Case	(1) (1) (1) (1) (1)
28 102 103 104	49-16-2569 42-06-0146 14-30-0446 16-01-2560 14-20-2561 14-38-0505 28-23-2500	Rubber Boot (Optional, Acc) (Not Show 1/4" Anvil Service Kit 1/4" Yoke / Beam / Gearcase Service A Rotor Service Assembly (for 1/4" ratcher Electronics Service Assembly Housing Service Kit Gear Set Service Kit	(1) ssy(1)

FIG. **NOTES**

- 17,19 Prior to installing a new service nameplate, apply isopropyl alcohol to the handle cover with a clean, lint free applicator and allowed to dry.
- Use a thin blunt punch with the same OD or a similiar tool like a finishing nail with the same OD and the pointed tip ground down to remove spring pin from the handle halves and switch paddle. As an aid, be sure to prop up that corner end of ratchet to support the tapping out of the spring pin. When reinstalling pin, align the holes and carefully press or tap the pin in place.

NOTE:

Wires of the electronics assembly (104) are routed in traps and cavities in the right handle halve (19).

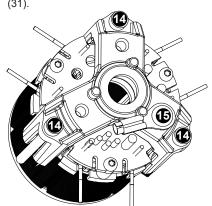
To replace the Electronics Assembly (104):

Remove five T-10 handle screws (18) from right handle halve (19) and two T-10 handle/gear case screws (16) from right handle halve.

Gently turn tool over and remove two T-10 handle/gear case screws (16) from left handle halve

Carefully remove the left handle halve to expose the electronics assembly.

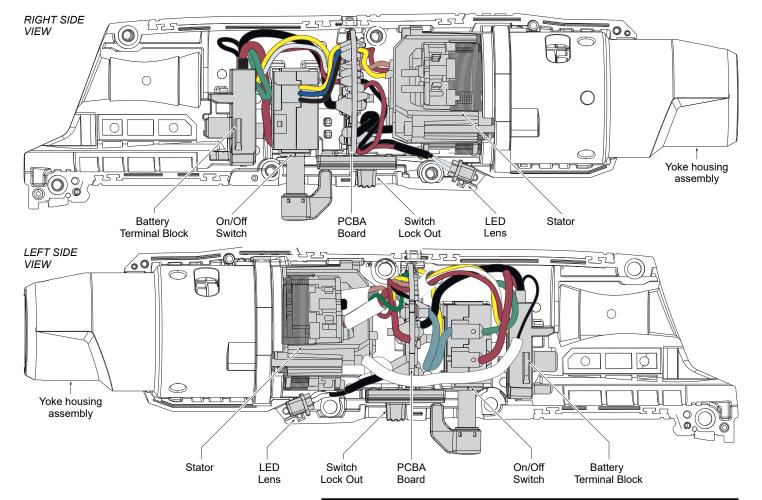
Use a hex key to remove the three socket head screws (14) and slide stator/rotor/motor mount plate out of yoke housing assembly (31).







SCREW TORQUE SPECIFICATIONS						
			SEAT TORQUE			
FIG.	PART NO.	WHERE USED	(KG/CM)	(IN/LBS)		
14	05-84-0205	Motor Plate	5-7	4-6		
15	06-82-2310	Electronics Assy.	12-14	10-12		
16		Housing Halves	17-21	15-18		
18		Housing Halves	10-12	9-10		



SEE NEXT PAGE FOR SERVICE INSTRUCTIONS TO AID WITH THE REMOVAL AND INSTALLATION OF ELECTRONICS ASSEMBLY (104).



