

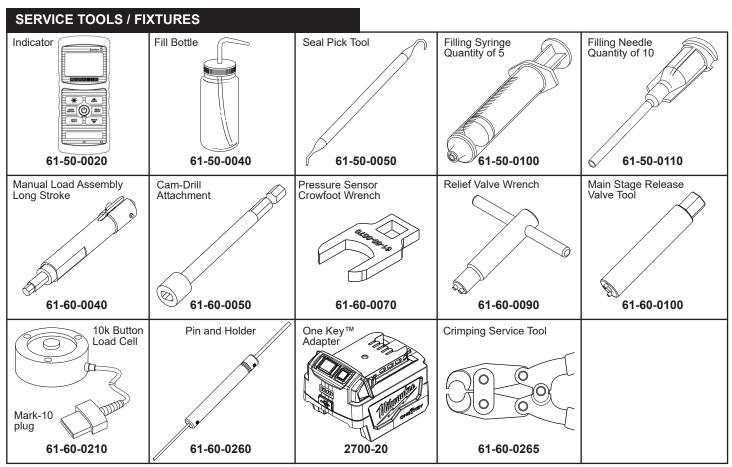
SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS			REVISED BULLETIN	DATE	
M18™ FORCELOGIC™ 6T Utility Crimper					Nov. 2021
CATALOG NO.	2977-20	STARTING SERIAL NO.	L33A	WIRING INSTRU SEE PAGI	

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BEST PRACTICES when Servicing FORCELOGIC™ Tools

- Caution: Always assume Hydraulic tool is under pressure, before starting any repair procedures, manually engage the relief valve. Confirm no hydraulic pressure remains.
- Important! The pressure sensor is a monitoring device that is calibrated with the electronics assembly.
 Always replace pressure sensor and electronics assembly as a set!
- Always wear P.P.E. (Personal Protective Equipment) when working with hydraulic fluid.
- Do not use Hammers or Impact tools.
- Do not use sharp metal objects on seals or sealing surfaces.
- · Always use recommended service tools and fixtures.
- Always ensure new hydraulic parts are free of burrs or defects.
- Always establish a clean work area free of dirt and debris.
- Always insure that clean parts are used prior to assembly.
- · Always follow proper torque specifications.
- · Always confirm repair by testing on verification fixtures.
- Always use appropriate hydraulic oil, MILWAUKEE FORCELOGIC™ Hydraulic Oil, No. 49-32-0110.
- Always remove battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazordous. For a complete listing of accessories, go online to www.milwaukeetool.com or contact a local MILWAUKEE distributor.





Service Videos are available to aid in repair and maintenance of M18™ FORCELOGIC™ Tools.



SERVICE PARTS EXPLODED VIEW

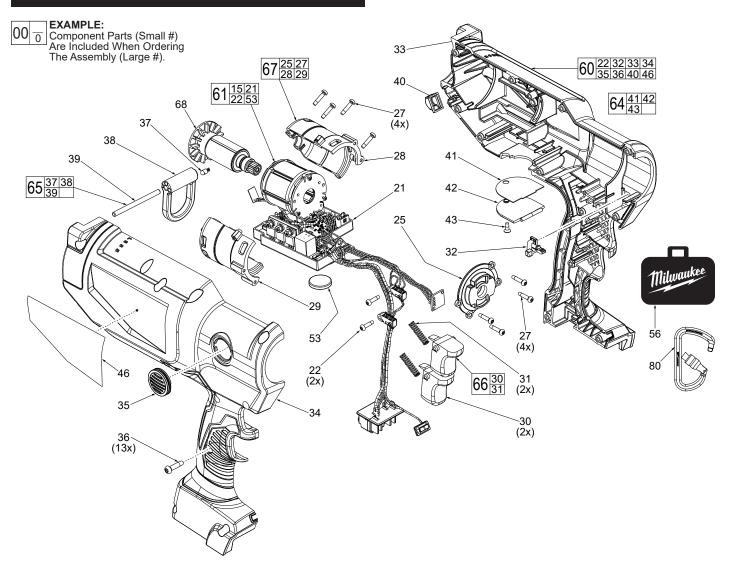


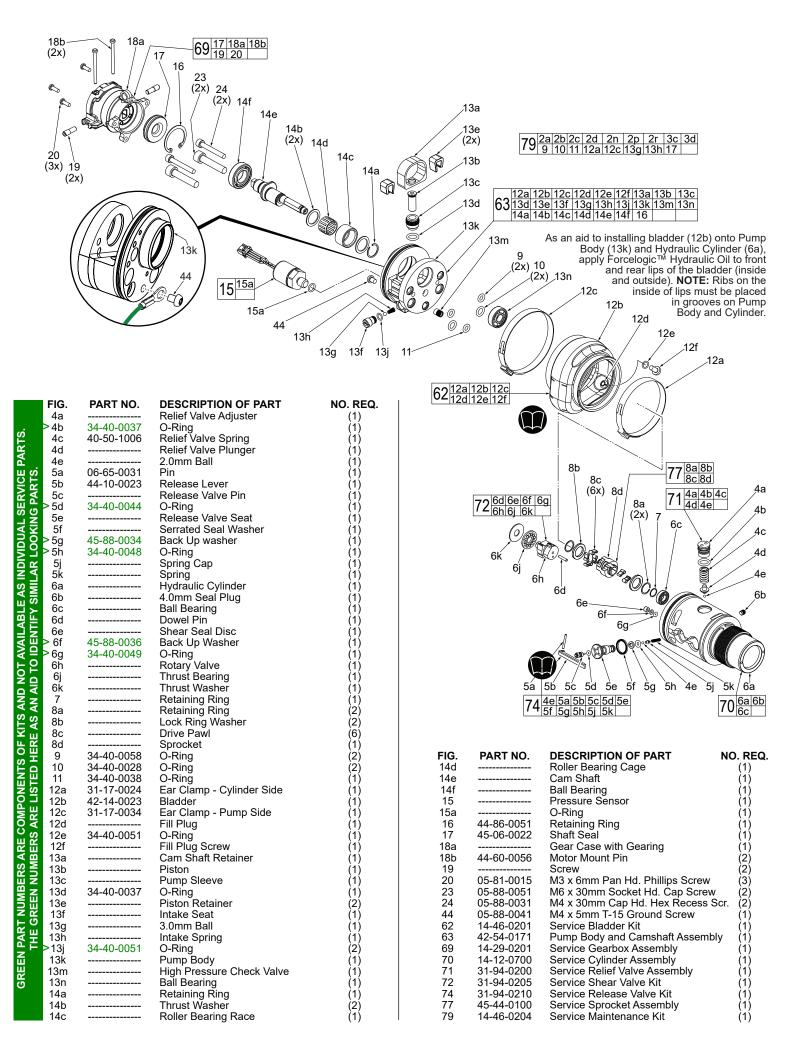
FIG . 21	PART NO.		NO. REQ.
22	06-82-1087	PCBA/Stator Assembly M3 x 12mm Pan Hd. ST T-10 Screw	(1)
			(2)
25	00.00.4000	Motor Plate	(1)
27	06-82-1080	M3 x 16mm Pan Hd. ST T-10 Screw	(8)
28		Motor Insulator Cover	(1)
29		Motor Insulator Support	(1)
30		Trigger	(2)
31		Spring	(2)
32		Bluetooth Lens	(1)
33		Handle Support	(1)
34		Handle Cover	(1)
35	42-42-0016	Manual Return Button	(1)
36	06-82-4003	M4 x 16mm Pan Hd. ST T-20 Screw	(13)
37		Steel Cap Assembly	(1)
38		Lifting Ring	(1)
39		Lift Pin	(1)
40		Indicator LED Window	(1)
41		Anti-Static Seal	(1)
42	05.70.0000	Coin Cell Door	(1)
43	05-78-0088	M3 x 8mm Flat Hd. ST Phillips Screw	
46	12-20-0237	Service Nameplate	(1)
53	40.00.0070	3 V Coin Cell Battery (CR 2032)	(1)
56	48-22-8279 14-34-0136	Utility Bag Service Handle Kit	(1)
60 61	14-34-0136		(1)
64	42-92-0091	Service Electronics Assembly Service Coin Cel Door Kit	(1)
65	14-47-0222	0000 00 00. 200	(1)
66	31-92-0032	Service Lift Ring Kit Service Trigger Kit	(1) (1)
67	31-50-0732	Service Motor Insulator Kit	(1)
68	16-07-0023	Service Notor Insulator Kit Service Rotor Assembly	(1)
80	42-70-0027	Carabiner	(1)
00	72-10-0021	Carabino	(1)

TORQUE SPECIFICATIONS *Red denotes Critical Torque				
TOTAGE OF EAR TOATIONS TREE delibles one		SEAT TORQUE		
FIG.	PART NO.	PART or WHERE USED	(KG/CM)	(IN/LBS)
2a	06-82-0041	Screw, Roller/Carrier Assembly	14-16	12-14
2g	06-82-0050	Screw, Lock Pin Cap	40*-80**	35*-69**
2k	06-87-0010	Thumb Screw, Clevis Pin	4	3.4
2m	06-83-0012	Socket Set Screw, Clevis Assembly	4	3.4
5e		Release Valve Seat	80*-100**	69*-87**
12f		Fill Plug Screw	15	13
13c		Pump Sleeve	15*-50**	13*-43**
13f		Intake Seat	45	39
15		Pressure Sensor	204	177
19		Screw, Gearcase	7-10	6-8.6
20	05-81-0015	Screw, Gearbox Assembly	12	10.4
22	06-82-1087	Screw, Micro Switches	5	4.3
23	05-88-0051	Screw, Pump Body/Cam Shaft Assy.	15*-135**	13*-117**
24	05-88-0031	Screw, Pump Body/Cam Shaft Assy.	42-45	36-39
27	06-82-1080	Screw, Motor Insulator	3.5	3
27	06-82-1080	Screw, Motor Plate	7	6.8
36	06-82-4003	Screw, Handle Cover	17	14
43		Screw, Coin Cell Door	4	3.4
44	05-88-0041	Ground Screw, Pump Body	15	13

^{* =} Pre-tighten with hand screw driver

^{** =} Tighten with torque wrench





85

86

44-60-0071

44-60-0016

W Die Pin Kit (Set of 1)

Kearney Die Pin Kit (Set of 1)

(2)

(2)

