



SERVICE PARTS LIST

BULLETIN NO.
54-07-2920

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M12™ Pipeline Sonde Locator			Nov. 2020
CATALOG NO.	2580-20	SERIAL NUMBER	L61A
		WIRING INSTRUCTION	

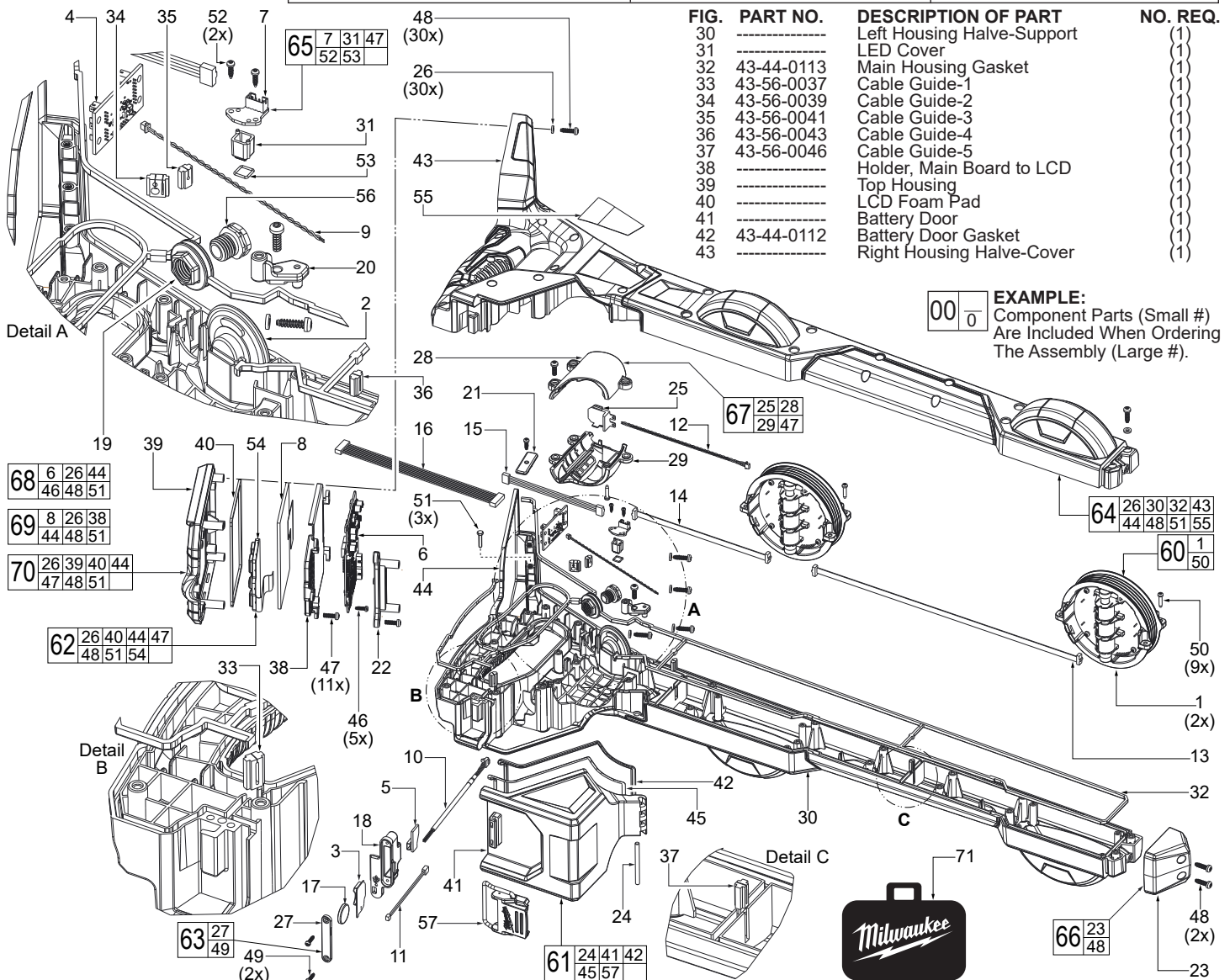


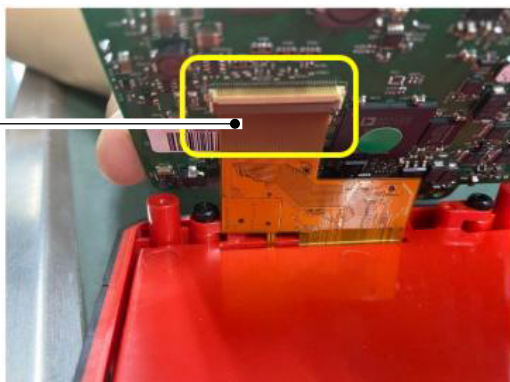
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	42-09-0038	Antenna Assembly	(2)
2	23-45-0016	Speaker	(1)
3	22-09-0111	Coin Cell Circuit Board	(1)
4	22-80-0126	One-Key Board	(1)
5	22-09-0186	USB Circuit Board	(1)
6	-----	Main Circuit Board	(1)
7	-----	LED Circuit Board	(1)
8	-----	LCD	(1)
9	14-20-0831	Wire Cable, Speaker	(1)
10	14-20-0832	Wire Cable, USB Board to Main Board	(1)
11	14-20-0833	Wire Cable, Coin Cell Brd. to One Key Brd.	(1)
12	14-20-0834	Wire Cable, Li-Ion Battery	(1)
13	14-20-0835	Wire Cable, Bottom Pre Amp	(1)
14	14-20-0836	Wire Cable, Top Pre Amp	(1)
15	14-20-0837	Wire Cable, LED Brd. to One-Key Brd.	(1)
16	14-20-0838	Wire Cable, One-Key Brd. to Main Brd.	(1)
17	-----	Coin Cell	(1)
18	22-09-0122	USB and Coin Cell Housing	(1)
19	44-80-0044	Check Valve Holder	(1)
20	06-08-0021	Bolt Retaining Connecting Fitting-1	(1)
21	43-72-0142	Hold Down Plate	(1)
22	06-08-0023	Bolt Retaining Connecting Fitting-2	(1)
23	-----	Base	(1)
24	06-65-0137	Pin	(1)
25	-----	Battery Contact	(1)
26	45-88-0121	Washer	(30)
27	-----	Cover Plate	(1)
28	-----	M12 Battery Holder-Top	(1)
29	-----	M12 Battery Holder-Bottom	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
44	43-44-0114	Top Housing Gasket	(1)
45	-----	Double Sided Adhesive	(1)
46	05-78-2210	M3 x 10mm Pan Hd. ST T-10 Screw	(5)
47	05-78-0083	M4 x 12mm Pan Hd. ST T-10 Screw	(11)
48	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	(32)
49	05-83-0003	M3 x 12mm Pan Hd. ST Phillips Screw	(2)
50	05-78-2209	M3 x 14mm Pan Hd. ST T-10 Screw	(9)
51	06-08-0077	M3 x 16mm Hex Bolt	(3)
52	05-78-0093	M2.2 x 8mm ST Screw	(2)
53	34-40-0171	O-Ring	(1)
54	-----	Keypad	(1)
55	10-20-6411	Label	(1)
56	44-80-0042	Check Valve	(1)
57	44-66-0171	Latch	(1)
60	14-20-0904	Antenna Service Kit	(2)
61	14-38-0091	Battery Door Service Kit	(1)
62	14-20-0901	Keypad Service Kit	(1)
63	14-38-0093	Coin Cell Cover Plate Service Kit	(1)
64	14-34-2580	Handle Halves Service Kit	(1)
65	14-20-0905	One-Key LED Light Service Kit	(1)
66	14-38-0092	Rubber Bumper Service Kit	(1)
67	14-06-2580	M12 Battery Receiver Service Kit	(1)
68	14-20-0902	Main Circuit Board Service Kit	(1)
69	14-20-0903	LCD Service Kit	(1)
70	14-38-0090	Monitor Housing Service Kit	(1)
71	42-55-2580	Blow Molded Carrying Case	(1)

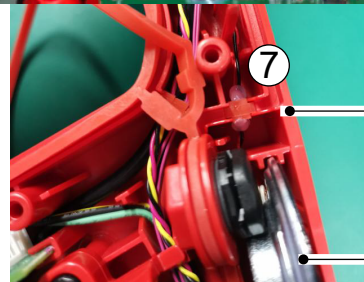
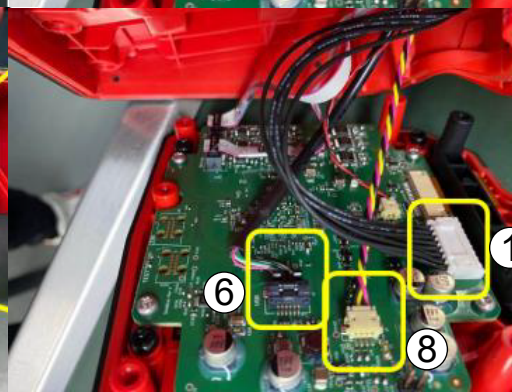
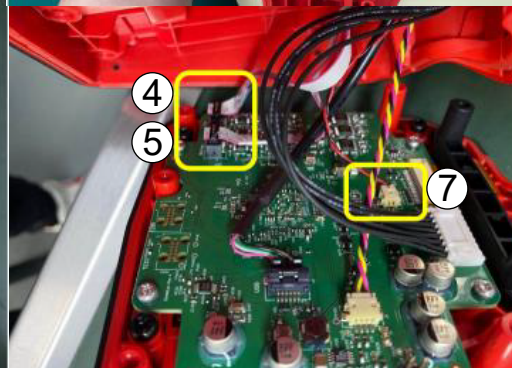
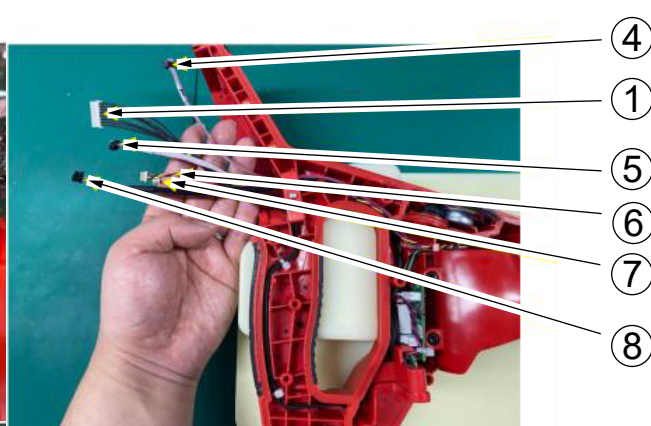
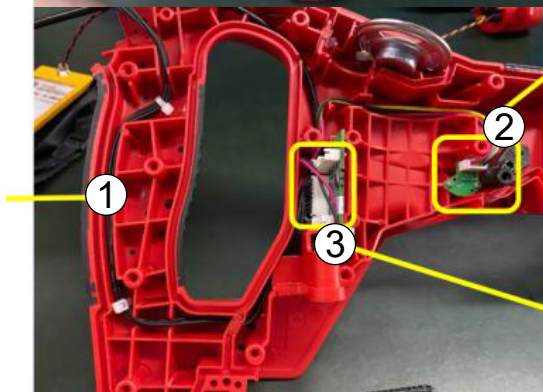
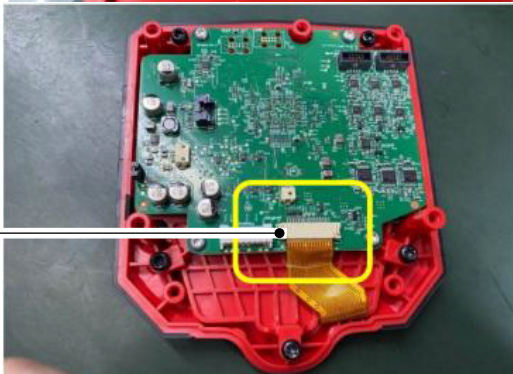
MILWAUKEE TOOL • www.milwaukeetool.com
13135 W. Lisbon Road, Brookfield, WI 53005
Dwg. 1

SERVICE WIRING

LCD Cable



Keypad Cable



Housing

Speaker

- | | |
|------------------------|------------------------|
| 1. One Key Board | Black |
| 2. LED Cable | Yellow/Green/Red/Black |
| 3. Coin Cell Wire | Red/Black |
| 4. Top Preamp Cable | Gray with Red Stripe |
| 5. Bottom Preamp Cable | Gray with Red Stripe |
| 6. M12 Power Cable | Red/Yellow/Black |
| 7. Speaker cable | Black/Red |
| 8. USB cable | Black |

- From One Key Board to Main PCBA.
- From One-Key Board to LED PCBA.
- From One-Key Board to Coin Cell PCBA
- From Top Antenna Assembly to Main PCBA.
- From Bottom Antenna Assembly to Main PCBA.
- From M12 to Main PCBA.
- From Speaker to Main PCBA. Assemble speaker cable and cable guide to housing. Apply RTV 9077 to seal both sides of cable guide.
- From USB Connector Board to Main PCBA.