



SERVICE PARTS LIST

BULLETIN NO.
PN0004473

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

REVISED BULLETIN

DATE
Apr. 2025

M12™ INSPECTION CAMERA

CATALOG NO. 3318-20

SERIAL NO. P96A

WIRING INSTRUCTION

See Page 3

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
2	-----	Camera Head, D16	(1)
3	-----	Camera Head, D20	(1)
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	(14)
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	(10)
7	-----	M3 x 12mm Flange Tapping Screw	(2)
9	-----	M4 x 12mm ST Flange Screw	(1)
10	06-97-3703	M4 Flat Washer	(8)
14	-----	Drum Hook	(1)
26	-----	Drum Face Gasket	(1)
27	-----	O-Ring	(1)
28	-----	O-Ring	(2)
29	-----	M3 Flat Washer	(2)
34	-----	Drum Knob Torsion Spring	(1)
35	-----	Drum Hook Torsion Spring	(1)
41	-----	Ring Magnet	(1)
47	-----	Drum Knob	(1)
48	-----	Drum Knob Plate	(1)
49	-----	Drum Slider Plate	(1)
50	-----	M3 x 28mm Dowel Pin	(1)
51	-----	WEIPU Female Connector	(1)
52	-----	Bearing	(1)
61	-----	Bearing	(1)
62	-----	Retaining Ring	(1)
63	-----	Drum Mount Shaft	(1)
64	-----	Bearing Plate	(1)
65	-----	Drum Mount Housing	(1)
66	-----	Drum	(1)
67	-----	M2.2 x 10mm Pan Hd. ST Screw	(4)
69	23-78-0115	Cable Tie	(2)
70	-----	M3 x 12mm Machine Screw	(2)
71	-----	D16 Spare Spring for 65'	(1)
72	-----	65' Ultra Flex Pushrod Assembly	(1)
73	-----	85' Ultra Flex Pushrod Assembly	(1)
74	-----	65' Male Drum Connector Assembly	(1)

EXAMPLE:
Component Parts (Small #)
are Included When Ordering
the Assembly (Large #).

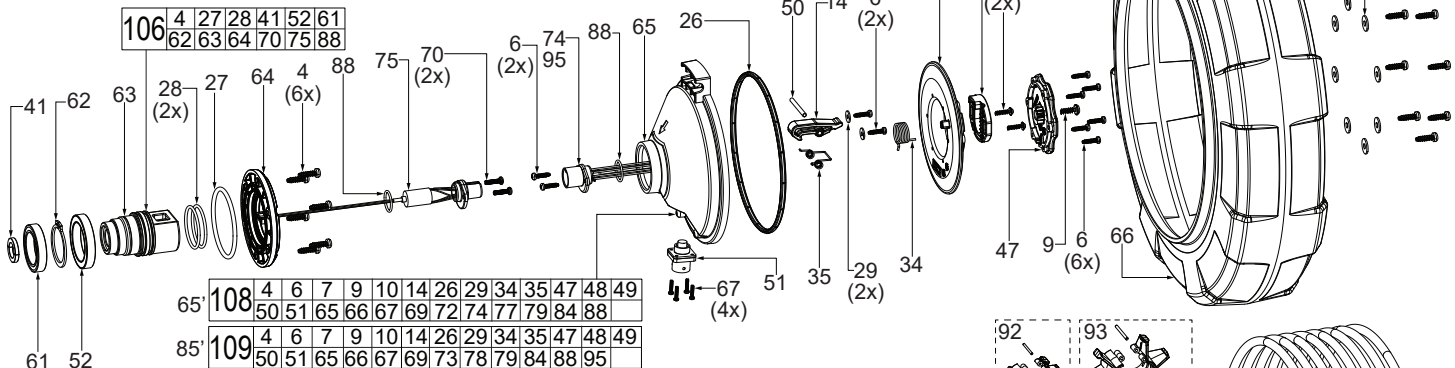
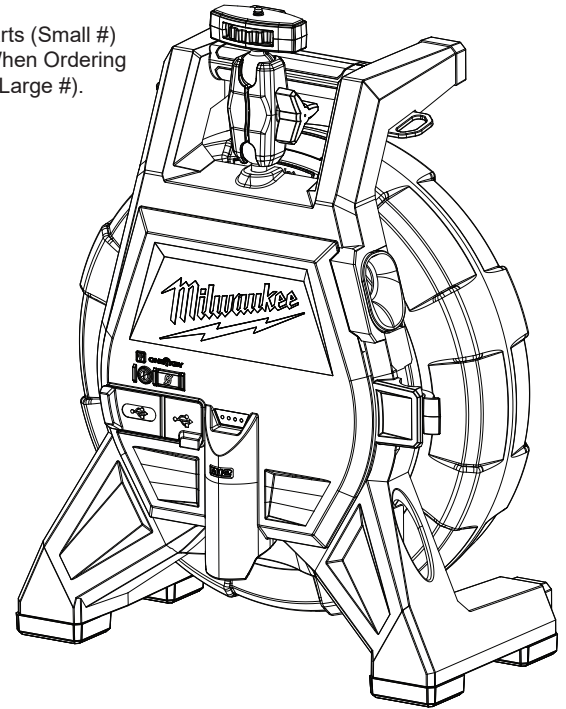
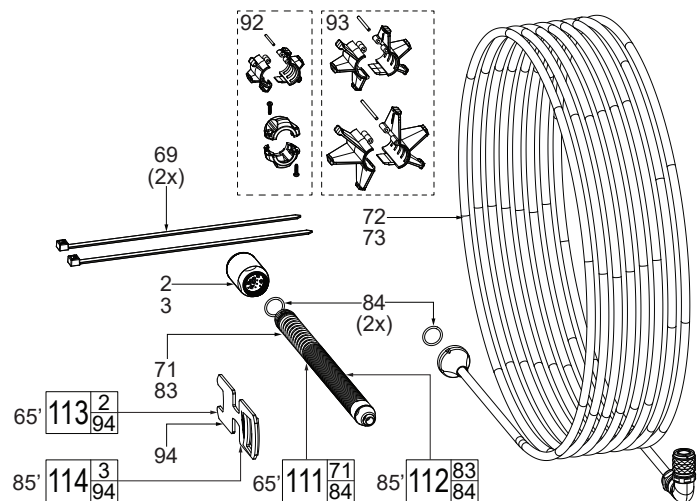


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
75	-----	Female Drum Connector Assembly	(1)
77	-----	Drum Badge, 65' Logo	(1)
78	-----	Drum Badge, 85' Logo	(1)
79	-----	Drum Badge, Milwaukee Logo	(1)
83	-----	D20 Spare Spring for 85'	(1)
84	34-40-0229	O-Ring	(2)
88	-----	O-Ring	(1)
92	48-53-3324	Skids for 65' Ultra Flex Reel	(1)
93	48-53-3325	Skids for 85' Ultra Flex Reel	(1)
94	45-96-0019	Camera Wrench	(1)
95	-----	85' Male Drum Connector Assembly	(1)
106	14-46-8995	Frame Shaft Service Assembly	(1)
108	48-53-3318	65' Rear Hub Cable Assembly	(1)
109	48-53-3319	85' Rear Hub Cable Assembly	(1)
111	48-53-3320	Spare Spring Assembly for 65'	(1)
112	48-53-3321	Spare Spring Assembly for 85'	(1)
113	48-53-3323	16mm Replacement Camera Head Kit	(1)
114	48-53-3322	20mm Replacement Camera Head Kit	(1)

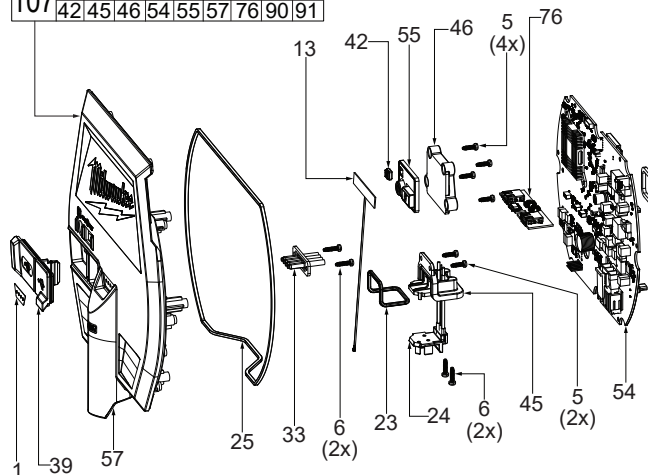


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FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	-----	Battery Gauge Label	(1)
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	(41)
5	05-78-0084	M3 x 10mm Pan Hd. ST T-10 Screw	(6)
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	(18)
8	-----	M4 Shoulder Screw	(8)
11	-----	Dowel Pin	(1)
12	-----	Spring Clip Torsion Spring	(1)
13	-----	Wi-Fi Antenna	(1)
15	-----	Monitor Mount Spring	(2)
16	-----	Monitor Mount Silicone Sheet	(1)
17	-----	Monitor Mount Bottom Housing	(1)
18	-----	Monitor Mount Top Housing	(1)
19	-----	Monitor Mount Wheel	(1)
20	-----	Dogbone Knob	(1)
21	-----	Dogbone Monitor Mount - Right	(1)
22	-----	Dogbone Monitor Mount - Left	(1)
23	-----	Battery Terminal Gasket	(1)
24	-----	Battery Terminal Block and Wires	(1)
25	-----	Front Cover Gasket	(1)
29	-----	M3 Flat Washer	(2)
30	-----	Spring Holder Clamp	(1)

107	1	5	6	13	23	24	25	33	39
	42	45	46	54	55	57	76	90	91



100	4	37	38	43
	44	59	60	

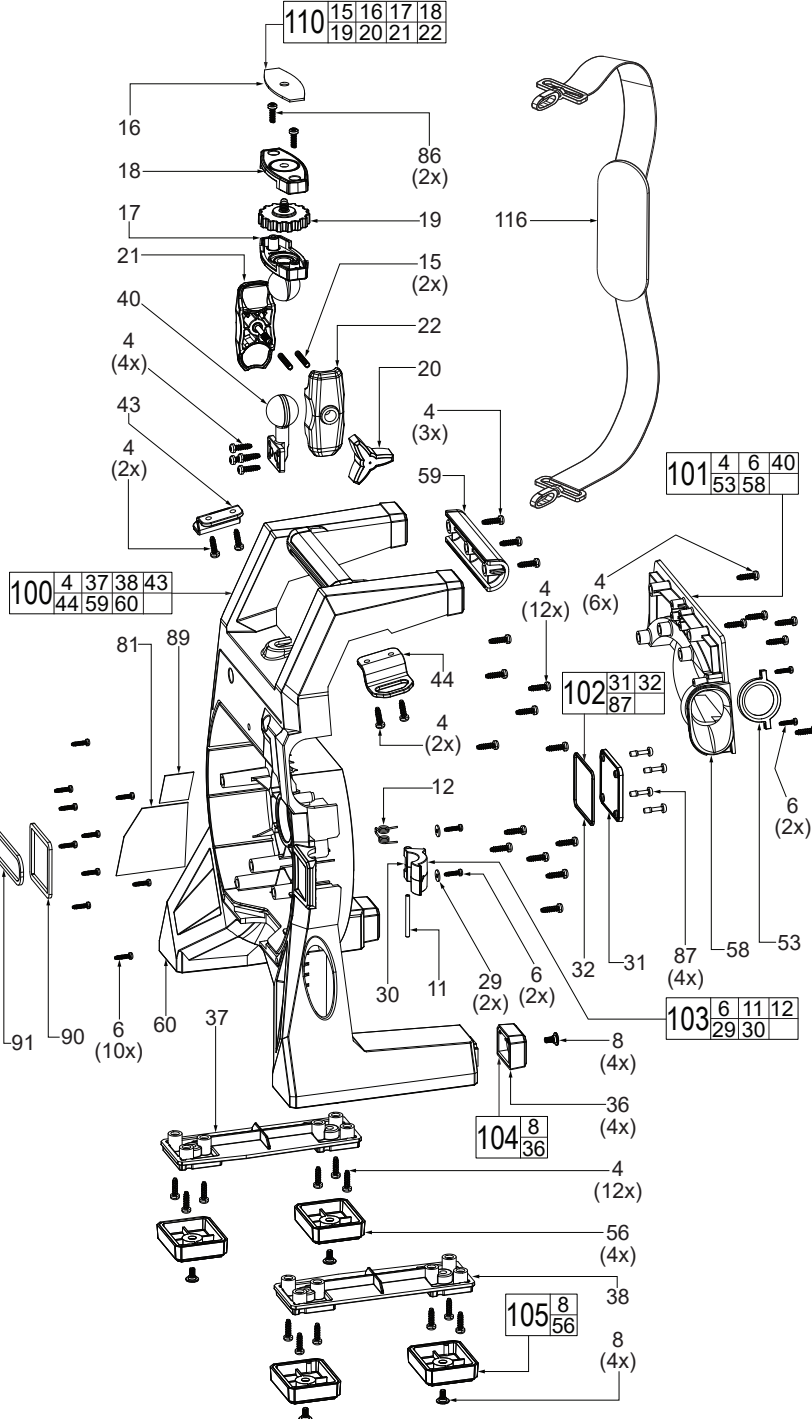
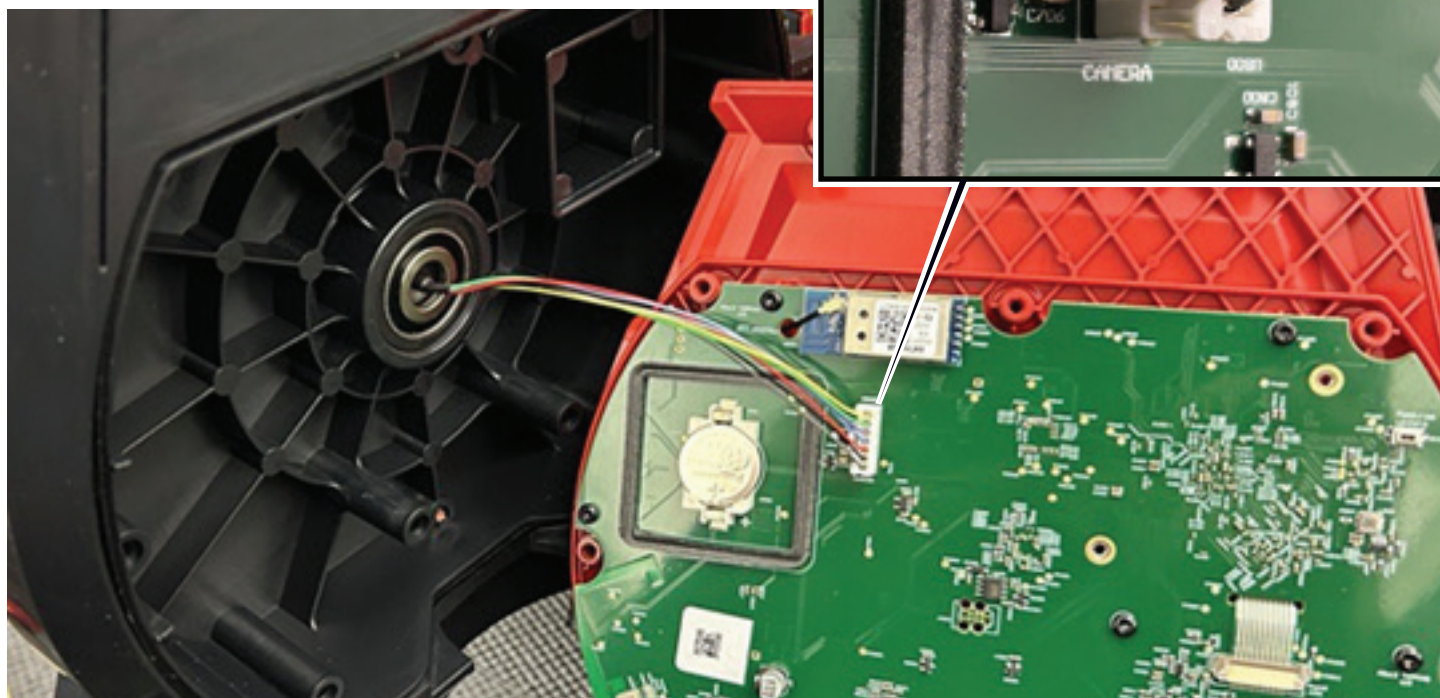


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
31	22-68-0355	OneKey Battery Door	(1)
32	-----	OneKey Battery Door Seal	(1)
33	-----	Light Pipe	(1)
36	-----	Rear Foot	(4)
37	-----	Housing Foot Cover - Left	(1)
38	-----	Housing Foot Cover - Right	(1)
39	22-68-0038	USB Port Cover	(1)
40	-----	Ball Mount Plate	(1)
42	44-06-0028	Hub Bluetooth Lens	(1)
43	-----	Strap Hook - Right	(1)
44	-----	Strap Hook - Left	(1)
45	-----	Battery Terminal Cover	(1)
46	-----	Power Button Cover	(1)
53	-----	Wear Ring	(1)
54	-----	PCBA, Main Board	(1)
55	-----	Power Button	(1)
56	-----	Base Foot	(4)
57	-----	Housing Cover	(1)
58	-----	Feedtube Housing	(1)
59	-----	Handle Cover Housing	(1)
60	-----	Main Housing	(1)
76	-----	PCBA, USB Ports	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
81	12-20-3318	Service Nameplate	(1)
86	-----	M4 x 12mm Pan Hd. ST Screw	(2)
87	06-82-9740	M4 x 10mm Pan Hd. ST T-20 Screw	(4)
89	10-15-9731	ID Label	(1)
90	-----	Foam Gasket for OneKey Door	(1)
91	-----	Foam Gasket for USB Board	(1)
100	14-46-8989	Frame Service Assembly	(1)
101	14-46-8990	Feedtube Service Assembly	(1)
102	14-46-8991	OneKey Battery Door Service Kit	(1)
103	14-46-8992	Clip Service Kit	(1)
104	14-46-8993	Rear Feet Service Kit	(1)
105	14-46-8994	Bottom Feet Service Kit	(1)
107	14-46-8996	Main Board Service Assembly	(1)
110	48-53-3326	Monitor Mount Assembly	(1)
116	48-08-0555	Carrying Strap	(1)



SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	DESCRIPTION OF FASTENER	WHERE USED	SEAT TORQUE	
				(lb-in)	(kgf-cm)
2	-----	Camera Head, D16	Spring Assembly, D16	13.8	16
3	-----	Camera Head, D20	Spring Assembly, D20	17.3	20
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Bearing Plate	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Drum	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Handle Cover Housing	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Feedtube Housing	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Monitor Mount Assembly	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Strap Hook, Right & Left	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Housing Foot Cover, Right & Left	6.9-10.4	8-12
4	05-78-2200	M4 x 14mm Pan Hd. ST T-20 Screw	Main Housing	6.9-10.4	8-12
5	05-78-2210	M3 x 10mm Pan Hd. ST T-10 Screw	Power Button Cover	3.4-5.2	4-6
5	05-78-2210	M3 x 10mm Pan Hd. ST T-10 Screw	Battery Terminal Cover	3.4-5.2	4-6
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	Male Drum Connector Assembly	3.4-6.9	4-8
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	Drum Mount Housing	3.4-6.9	4-8
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	Drum Knob	3.4-6.9	4-8
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	Light Pipe	3.4-6.9	4-8
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	Battery Terminal Cover	3.4-6.9	4-8
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	PCBA, Main Board	3.4-6.9	4-8
6	05-78-2201	M3 x 12mm Pan Hd. ST T-10 Screw	Feedtube Housing	3.4-6.9	4-8
7	-----	M3 x 12mm Flange Tapping Screw	Drum Slider Plate	3.4-6.9	4-8
8	-----	M4 Shoulder Screw	Base Foot	8.6-13.0	10-15
8	-----	M4 Shoulder Screw	Rear Foot	8.6-13.0	10-15
9	-----	M4 x 12mm ST Flange Screw	Drum Knob	6.9-10.4	8-12
67	-----	M2.2 x 10mm Pan Hd. ST Screw	WEIPU Female Connector	1.7-2.6	2-3
70	-----	M3 x 12mm Machine Screw	Female Drum Connector Assembly	3.4-6.9	4-8
71	-----	D16 Spare Spring for 65'	Spring Assembly, D16	22.5	26
83	-----	D20 Spare Spring for 85'	Spring Assembly, D20	22.5	26
86	-----	M4 x 12mm Pan Hd. ST Screw	Monitor Mount Top Housing	6.9-10.4	8-12
87	06-82-9740	M4 x 10mm Pan Hd. ST T-20 Screw	Camera Test Port Cover	6.9-10.4	8-12