



SERVICE PARTS LIST

BULLETIN NO.
PN0015847

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18™ Brushless Pipe Threading Oiler			May 2026
CATALOG NO. 3874-20	SERIAL NO. R82A	WIRING INSTRUCTION See Page 5	
NAMEPLATE SPECIFICATIONS: INPUT:18 V = Oil Capacity: 1 gallon (3.8 liters)			

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Use with MILWAUKEE Cat. No. 49-08-5100 Thread Cutting Oil or equivalent. Read and follow all safety warnings, instructions, illustrations, and specifications provided by the threading oil manufacturer.

FILTER AND BASIN

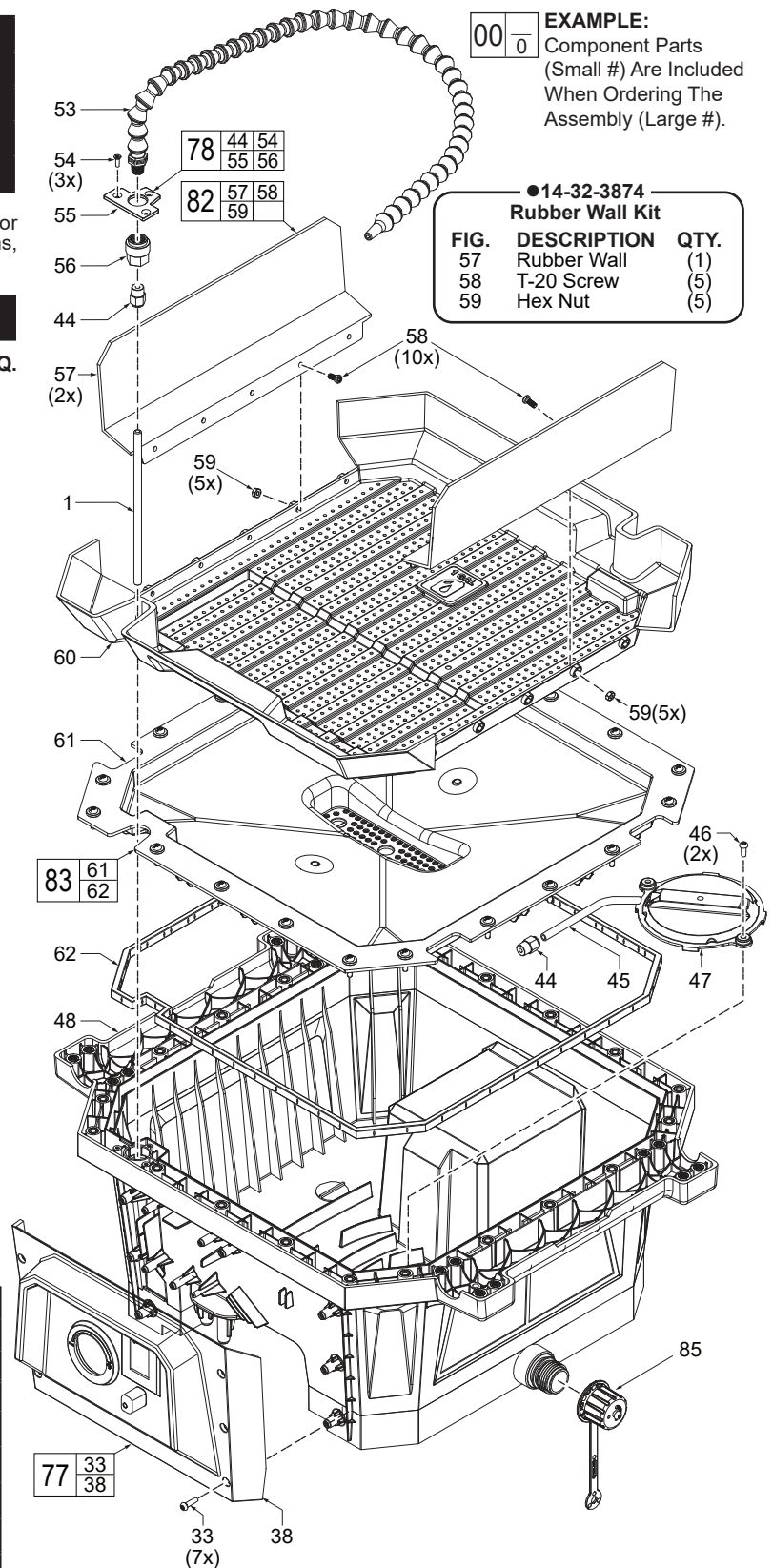
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	45-76-3874	Rubber Tube "A"	(1)
33	05-74-0226	M4 x 14mm Pan Hd. T-20 Screw	(7)
38	-----	UI Panel	(1)
44	42-04-0030	Quick Connector	(2)
45	45-76-3876	Rubber Tube "C"	(1)
46	05-88-1220	M4 x 10mm Pan Hd. T-20 Screw	(2)
47	14-38-0211	Oil Filter House	(1)
48	43-76-3874	Bottom Oil Basin	(1)
53	43-75-3874	Flexible Stay & Bend Hose	(1)
54	05-74-0477	M3 x 10mm Flat Hd. T-10 Screw	(3)
55	-----	Insert Cover for Oil Basin	(1)
56	-----	1/8" NPT to 1/4" NPT Brass Insert	(1)
57	-----	Rubber Wall	(2)
58	06-82-0161	M4 x 10mm CH Pan Hd. T-20 Screw	(10)
59	-----	M4 Hex Nut	(10)
60	14-67-3874	Top Filter Plate	(1)
61	-----	Mid Filter Plate w/Screws	(1)
62	45-06-3874	Mid Filter Plate Rubber Seal	(1)
73	10-22-9500	Warning Label (Not Shown)	(1)
74	12-20-9500	Service Nameplate (Not Shown)	(1)
77	14-46-3784	UI Panel Kit	(1)
78	14-46-3785	Quick Connector Kit	(1)
82	14-32-3874	Rubber Wall Kit (Set of 1)	(2)
83	14-46-3874	Mid Filter Plate and Seal Kit	(1)
85	14-46-3876	Draining Cap Assembly	(1)

FIG. 73,74 NOTES

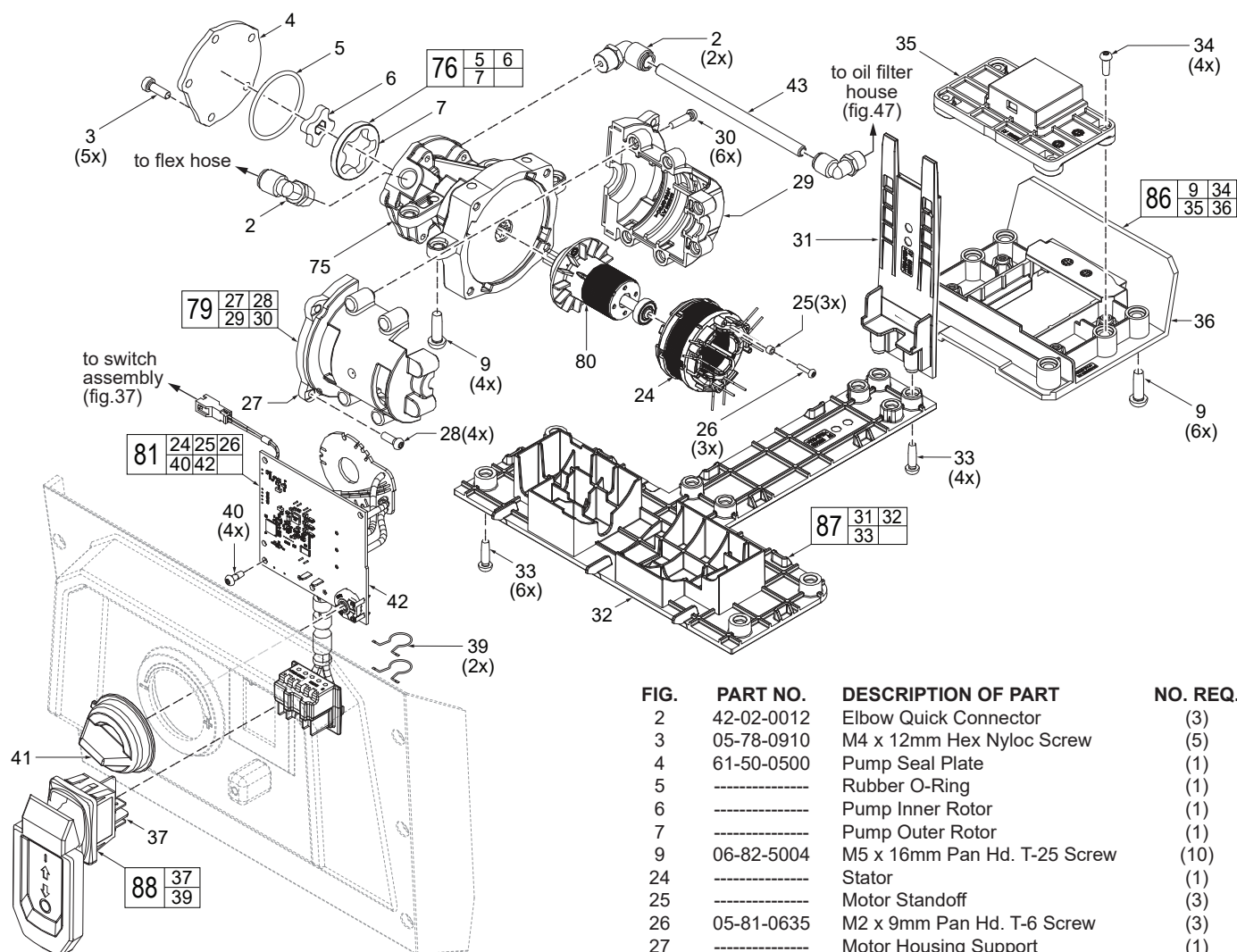
A clean, dry surface is essential for proper performance for any adhesive system. The area intended for application of any adhesive label or nameplate must be prepared by cleaning with isopropyl alcohol. The solvent is to be applied with a clean, lint free applicator and the surface allowed to dry before applying the label or nameplate.

SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
33	05-74-0226	UI Panel	7 $\pm$ 0.7	6 $\pm$ 0.6
44	42-04-0030	Quick Connector	40 $\pm$ 4	35 $\pm$ 3
46	05-88-1220	Oil Filter House	5 $\pm$ 0.5	4 $\pm$ 0.4
53	43-75-3874	Flexible Hose	40 $\pm$ 4	35 $\pm$ 3
54	05-74-0477	Flexible Hose	4 $\pm$ 0.4	3 $\pm$ 0.3
58	06-82-0161	Rubber Wall	3 $\pm$ 0.3	3 $\pm$ 0.3
61	-----	Mid Filter Plate	10 $\pm$ 1	9 $\pm$ 1



ELECTRONICS & GEARCASE ASSEMBLIES



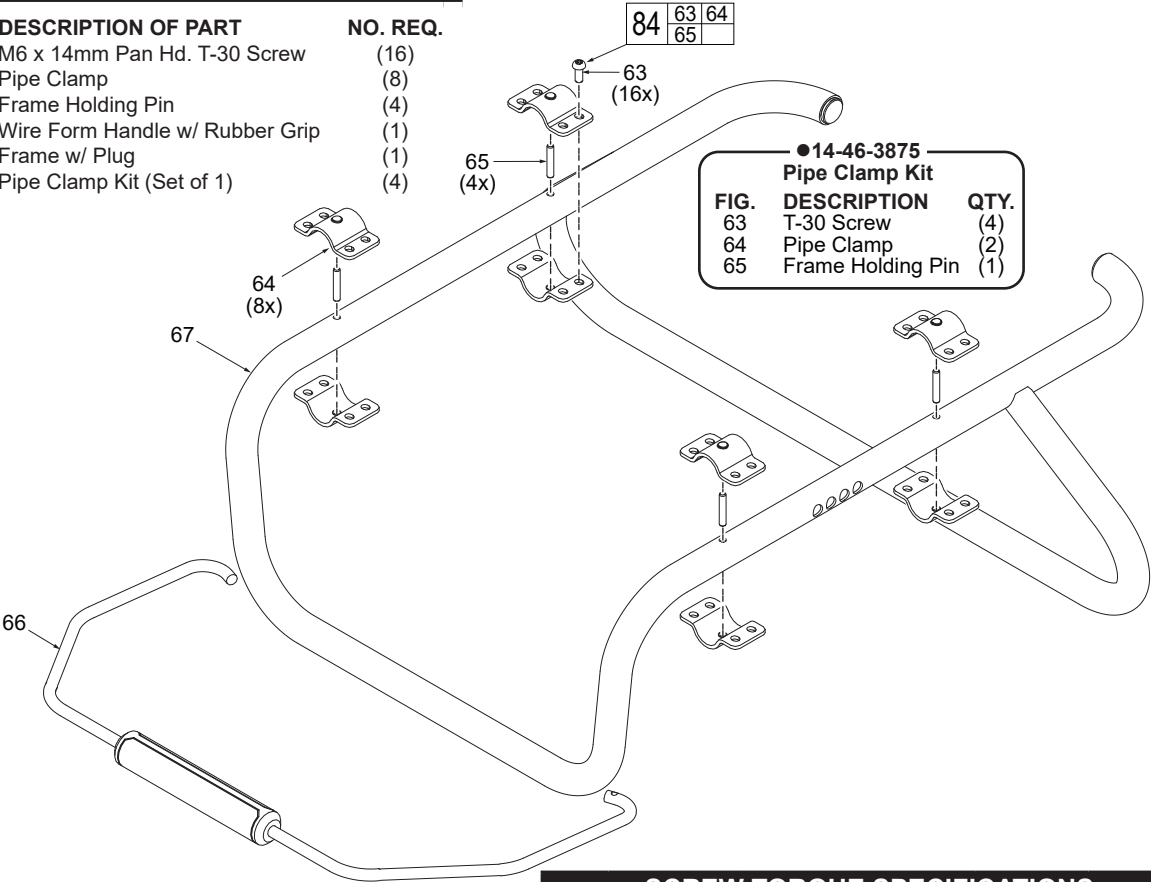
SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
2	42-02-0012	Elbow Quick Connector	40±4	35±3
3	05-78-0910	Pump Seal Plate	15±1.5	13±1.3
9	06-82-5004	Gearcase Assembly	12±1.2	10±1.0
26	05-81-0635	Stator	2±0.2	2±0.2
28	05-81-0660	Motor Housing	8±0.8	7±0.7
30	05-81-5383	Motor Housing	10±1	9±1
33	05-74-0226	Wire Routing Cover	7±0.7	6±0.6
34	06-82-9674	Terminal Board	5±0.5	4±0.4
40	06-82-0062	PCB Assembly	4±0.4	3±0.3
44	42-04-0030	Quick Connector	40±4	35±3

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
2	42-02-0012	Elbow Quick Connector	(3)
3	05-78-0910	M4 x 12mm Hex Nyloc Screw	(5)
4	61-50-0500	Pump Seal Plate	(1)
5	-----	Rubber O-Ring	(1)
6	-----	Pump Inner Rotor	(1)
7	-----	Pump Outer Rotor	(1)
9	06-82-5004	M5 x 16mm Pan Hd. T-25 Screw	(10)
24	-----	Stator	(1)
25	-----	Motor Standoff	(3)
26	05-81-0635	M2 x 9mm Pan Hd. T-6 Screw	(3)
27	-----	Motor Housing Support	(1)
28	05-81-0660	M3.5 x 10mm Pan Hd. T-15 Screw	(4)
29	-----	Motor Housing Cover	(1)
30	05-81-5383	M3.5 x 14mm Pan Hd. T-15 Screw	(6)
31	-----	Wire Routing Slide Cover	(1)
32	-----	Wire Routing Lock Cover	(1)
33	05-74-0226	M4 x 14mm Pan Hd. T-20 Screw	(10)
34	06-82-9674	M3.5 x 10mm Pan Hd. T-10 Screw	(4)
35	-----	Terminal Board Cover	(1)
36	-----	Power Interface	(1)
37	-----	Switch Wire Assembly	(1)
39	-----	Switch Clip	(2)
40	06-82-0062	M3 x 8mm Pan Hd. T-10 Screw	(4)
41	43-98-0110	Flex Shaft Speed Knob	(1)
42	-----	PCB Assembly	(1)
43	45-76-3875	Rubber Tube "B"	(1)
75	14-29-3874	Gearcase Assembly	(1)
76	14-46-3879	Pump O-Ring Kit	(1)
79	14-50-3874	Stator Housing Kit	(1)
80	14-50-3875	Rotor Assembly	(1)
81	14-20-3875	Stator-PCB Assembly	(1)
86	14-46-3877	Battery Interface & Terminal Cover Kit	(1)
87	14-46-3878	Wire Routing Cover Kit	(1)
88	48-67-3874	Switch and Clips Kit	(1)

FRAME AND HANDLE

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
63	05-81-0132	M6 x 14mm Pan Hd. T-30 Screw	(16)
64	-----	Pipe Clamp	(8)
65	-----	Frame Holding Pin	(4)
66	43-62-3874	Wire Form Handle w/ Rubber Grip	(1)
67	43-40-3874	Frame w/ Plug	(1)
84	14-46-3875	Pipe Clamp Kit (Set of 1)	(4)



SCREW TORQUE SPECIFICATIONS				
FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
63	05-81-0132	Frame Pipe Clamps	30±3	26±3

LUBRICATION

- = Loctite® 569 Thread Sealant
- = Type "J" Grease, 49-08-4220
- = Dielectric Type "X" Grease, 49-08-5000



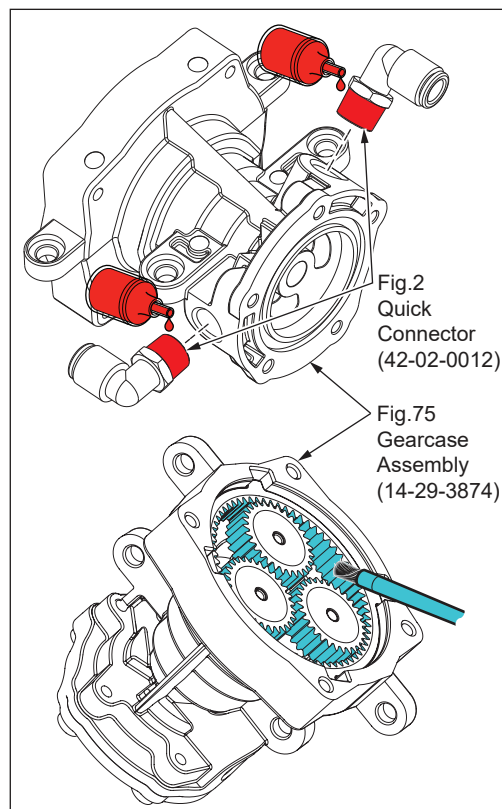
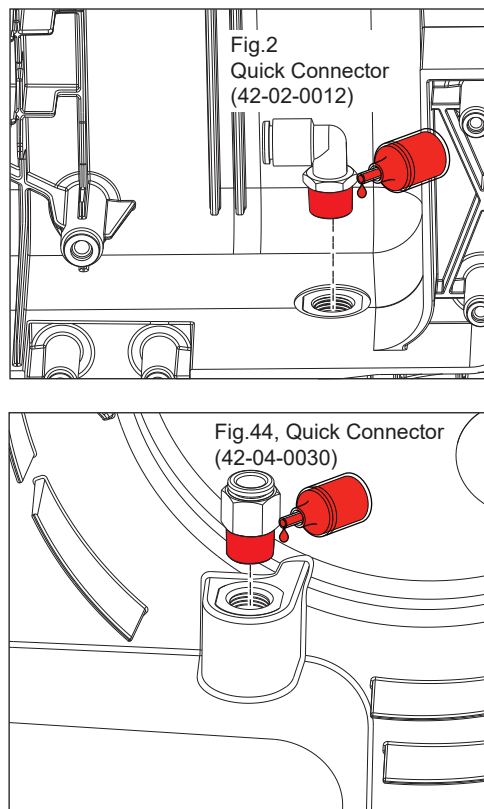
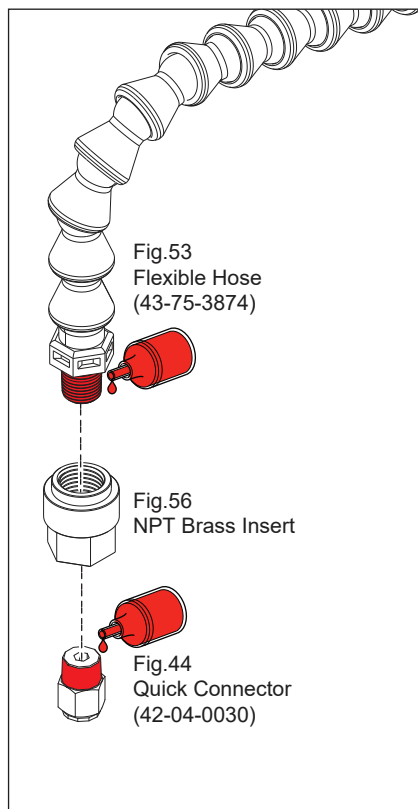
NOTE

Regarding parts to receive thread locking sealant: Place one to two drops of the recommended Loctite® thread locking sealant (or the equivalent) to the threads of parts shown prior to installation.



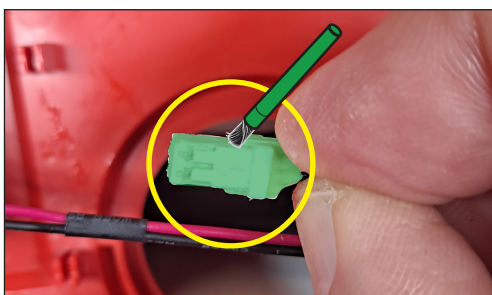
NOTE

Regarding parts to be lubricated: Apply a light coating of grease to all highlighted parts shown prior to installation. Reference the key above for grease types.

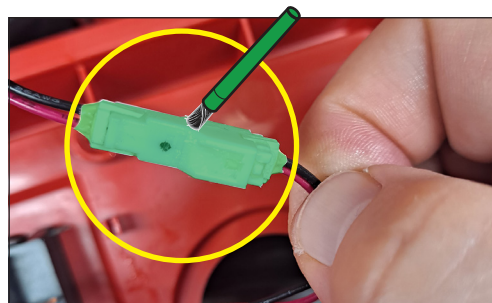


Switch Wire Connector

1. Apply Dielectric Type "X" Grease to Male Connector.

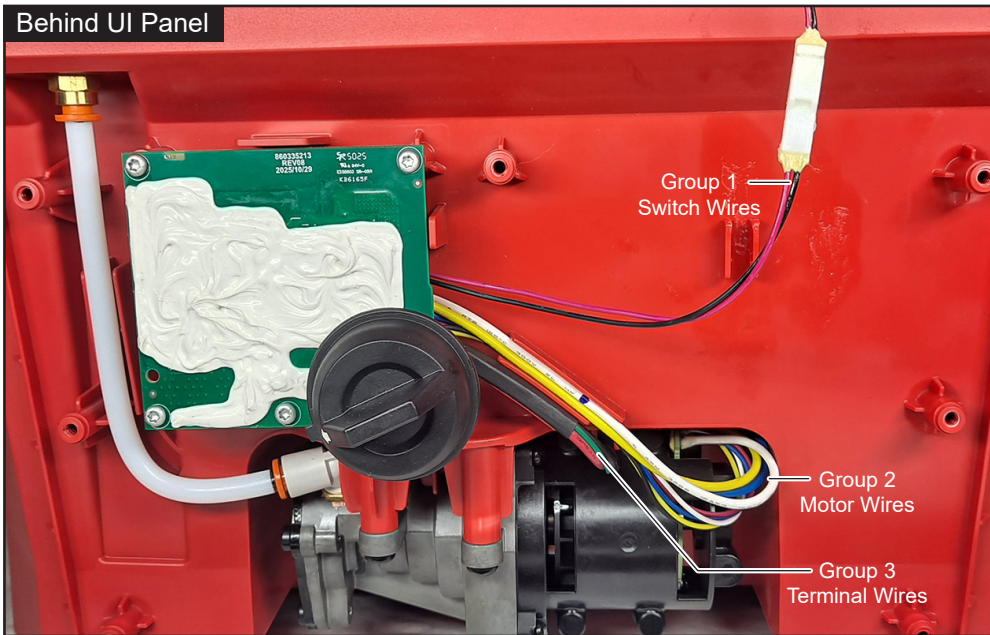


2. Fully insert Male Connector into Female Connector.
3. Apply Type "X" Grease onto Connectors after assembly.

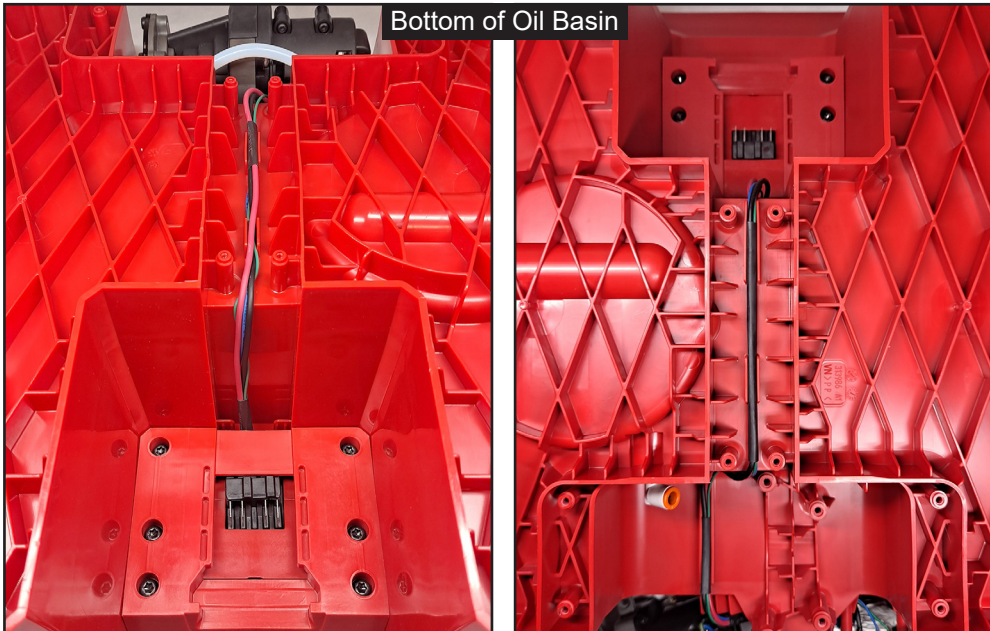


WIRE ROUTING

Behind UI Panel

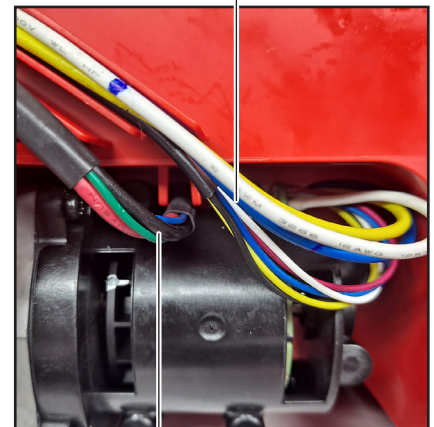


Back of UI Panel



Group 3 Terminal Wires
(Red, Black, Blue, Green)

Group 2 Motor Wires
(Yellow, White, Blue, Black,
Yellow, White, Red, Blue)



Group 3 Terminal Wires
(Red, Black, Blue, Green)