

REPAIR SHEET

BRAND

RYOBI

DESCRIPTION

MODEL NO.

**RY401010/
RY401010VNM**

MFG. NO.

**107202001
107202101**

40 Volt Lawn Mower

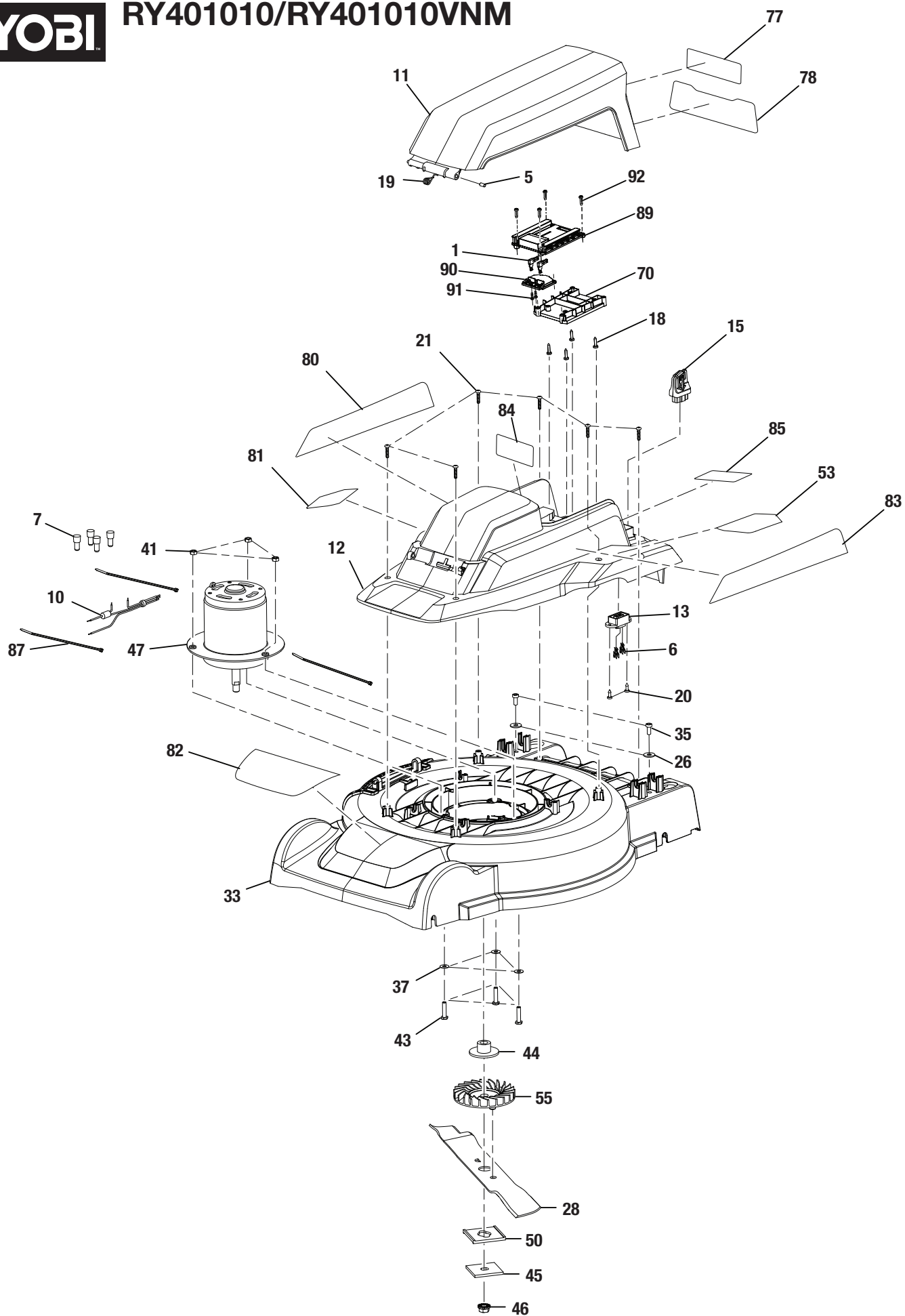


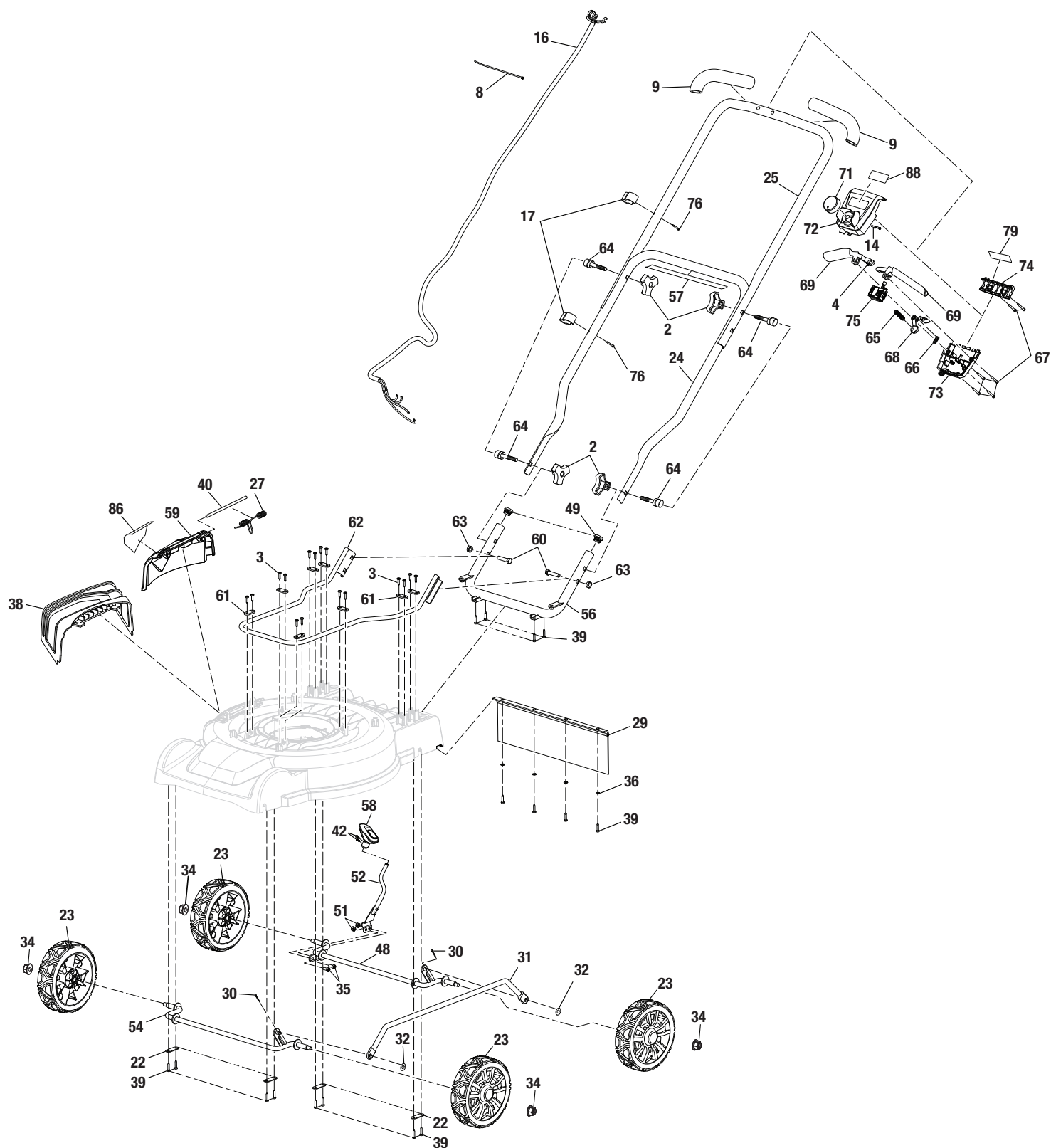
TTI OUTDOOR POWER EQUIPMENT, INC.

P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ www.ryobitools.com

03-20-24 (Rev:04)

The model number and manufacturing location will be found on a label attached to the product. Always mention this information in all communications regarding this product and when ordering parts.





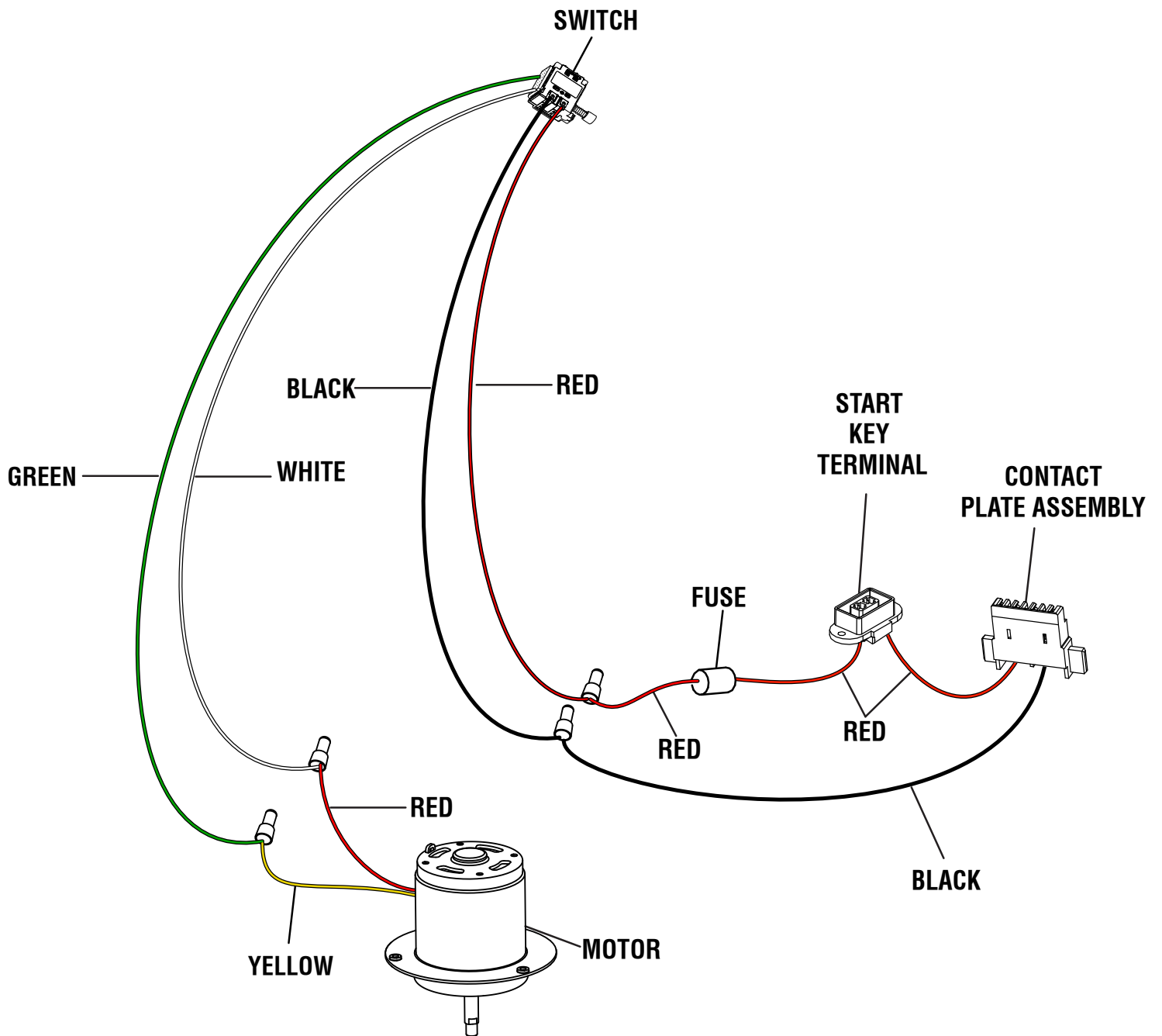


RY401010/RV401010VNM

PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	639491001	Common Foot Terminal	2
2	526906001	Handle Knobs	4
3	660608002	Screw (M4)	16
4	903480001	Grease	1
5	621628001	Axle	1
6	639178001	Female Terminal	2
7	870601002	Close-End Connector	4
8	790055001	Cable Tie	1
9	563452001	Foam Grip	2
10	292180003	Inner Wire	1
11	205469001	Battery Cover With Labels	1
12	205465001	Top Cover With Labels (RY401010)	1
	205525001	Top Cover With Labels (RV401010VNM)	1
13	526912001	Key Connector Base	1
14	660203073	Screw (M3 x 6 mm)	2
15	311280001	Key Assembly	1
16	291981002	Wiring Harness	1
17	532410001	Cord Clip	2
18	660608002	Screw (M4 x 16 mm)	4
19	698356001	Torsion Spring	1
20	660608001	Screw (M4)	2
21	660563002	Screw	6
22	639116003	Axle Press Plate	4
23	315803001	7 in. Wheel Assembly	4
24	658932002	Lower Handle Tube	1
25	658931001	Upper Handle Tube	1
26	638387002	Flat Washer	2
27	698350001	Spring	1
28	639196002	18 in. Blade	1
29	539380001	Trailing Shield	1
30	678279004	Cotter Pin	6
31	658927001	Height Adjustment Linkage	1
32	639013001	Flat Washer (ID8.4 x OD18 x 1.0t)	2
33	205526001	Deck With Label	1
34	636503001	Flat Washer	4
35	661431003	Screw (M6 x 14 mm)	4
36	636062001	Flat Washer	4
37	638557001	Washer (ID6.2 x OD15 x 0.8t)	3
38	539379001	Deflector	1
39	661189003	Screw (M4 x 18 mm)	16
40	698355001	Hinge Rod	1
41	680196006	Hex Nut (M6)	3
42	664021001	Screw (M3)	2
43	660722002	Hex Bolt (M6 x 26 mm)	3
44	613427001	Motor Axle Bushing	1
45	639118001	Blade Retainer	1
46	679075001	Hex Nut	1
47	741922002	Motor	1
48	658926003	Rear Axle w/Height Adjust Plate	1
49	529330002	Steel Tube End Plug	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
50	526920002	Spacer	1
51	678460002	Hex Lock Nut (M6)	2
52	658929001	Height Adjustment Spring	1
53	941021040	Accent Label (Left)	1
54	658925003	Front Axle	1
55	535080001	Fan Blade Adapter	1
56	658924001	Steel Tube	1
57	941851178	Handle Extend Label	1
58	529656001	Height Adjust Handle	1
59	205467001	Side Discharge With Label	1
60	662104002	Screw (M8 x 36 mm)	2
61	639125001	Height Adjust Press Plate	8
62	659041001	Deck Wireform	1
63	678355002	Hex Nut (M8)	2
64	662104001	Screw (M8 x 57 mm)	4
65	679416001	Trigger Slider Spring	1
66	694991001	Trigger Spring	1
67	660208104	Screw	6
68	541630002	Trigger Slider	1
69	205468001	Trigger Assembly	1
70	539377001	Battery Holder	1
71	527968007	Safety Button	1
72	527966007	Front Housing	1
73	527542004	Rear Housing	1
74	527967004	Bail	1
75	270119005	Switch and Wire Assembly	1
76	660187008	Screw (M3, T10 Torx Hd.)	2
77	941021023	Warnings/Icon Label (Eng)	1
78	941021024	Warning Label (Fr/Sp)	1
79	941021025	Starting Instructions Label	1
80	941016127	40V Lithium 18 in. Label (Left)	1
81	941021027	Height Adjustment Label	1
82	941016128	40V Lithium 18 in. Label (Right)	1
83	940851664	RYOBI Logo Label	1
84	941021032	Data Label (RY401010)	1
	941588594	Data Label (RV401010VNM)	1
85	941021033	Wet Conditions Battery Warning/ Start Key Warning Label	1
86	941641001	Side Discharge Label	1
87	790002001	Cable Ties	3
88	940705492	RYOBI Handle Label	1
89	535272001	40V Battery Foot	1
90	532760002	Common Foot Cover	1
91	660230011	Screw (M3 x 10 mm, T10 Torx Pan Hd.)	2
92	661817001	Screw (M4 x 14 mm)	4
	Not Shown:		
	205466001	Front and Rear Housing with Labels (Inc. Key Nos. 73, 74, 75, 80 & 89)	
	998000005	Operator's Manual	

**WIRING DIAGRAM**