

**RYOBI  
40 VOLT LAWN MOWER  
ITEM NO. RY40104  
MANUFACTURING NO. 107928023  
REPAIR SHEET**

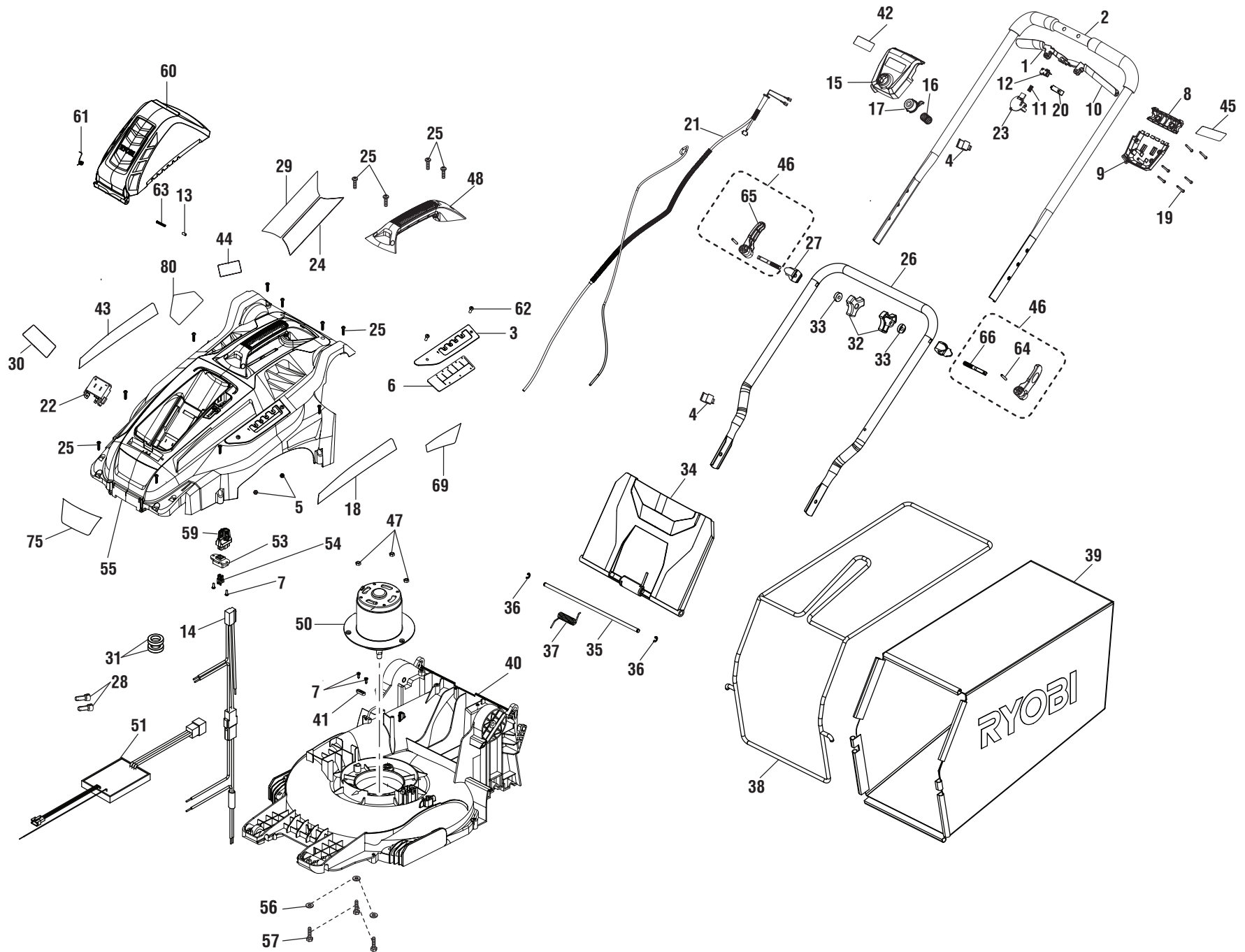
**Techtronic Industries Power Equipment**

1428 Pearman Dairy Road, Anderson, SC 29625

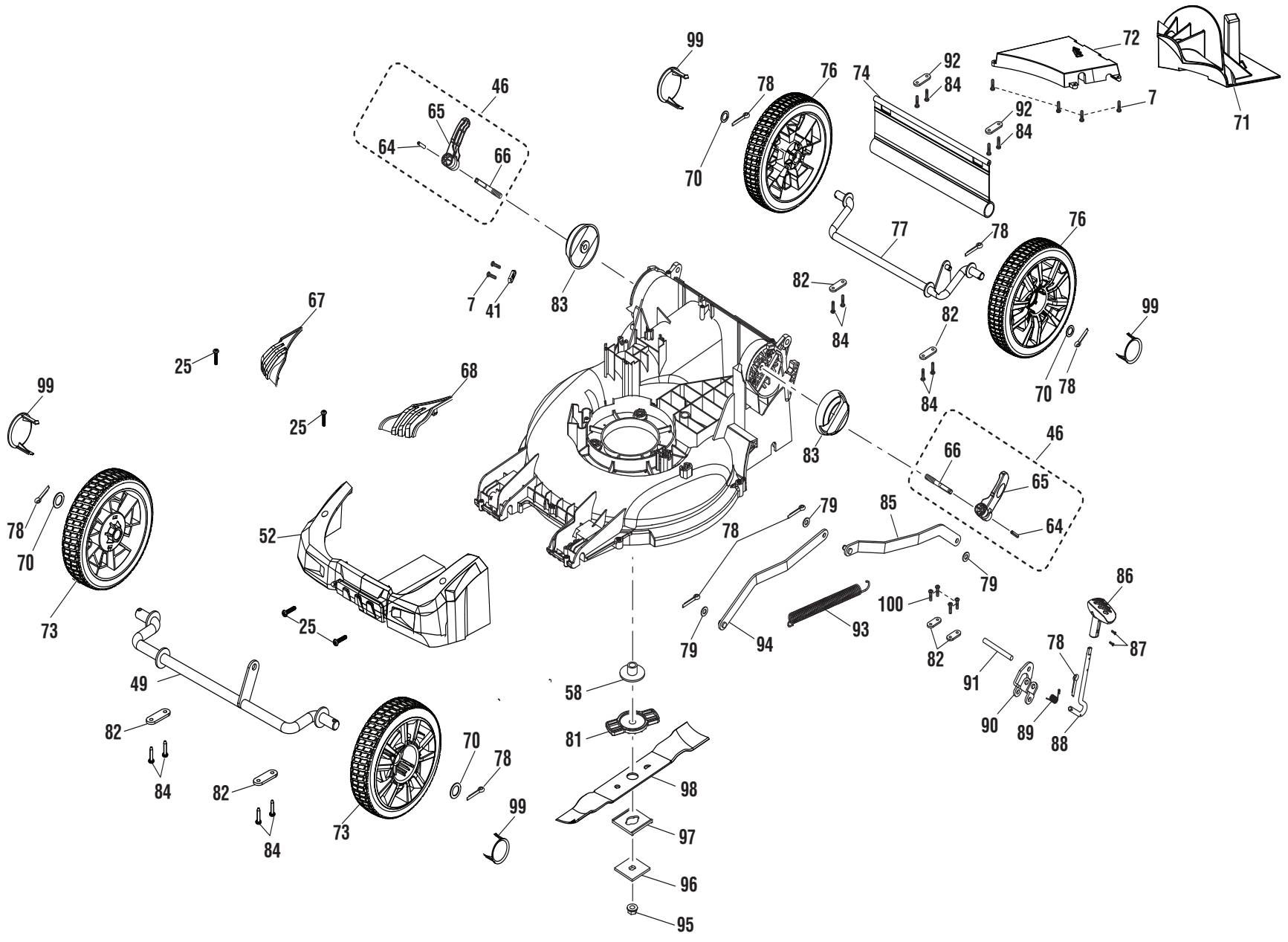
Phone 1-800-860-4050

[www.ryobitools.com](http://www.ryobitools.com)

# RYOBI RY40104 40 VOLT LAWN MOWER



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The model number will be found on a label attached to the deck. Always mention the model number in all correspondence regarding your **LAWN MOWER** or when ordering replacement parts.

### PARTS LIST

Key Part No. Number	Description	Qty	Key Part No. Number	Description	Qty		
1	527969002	Trigger Handle (Right Power Lever) .....	1	29	941846007	Warning Icon Label (Left) .....	1
2	311404001	Upper Handle Assembly .....	1	30	940851143	Start Key Label (Eng) .....	1
3	639193005	Height Adjustment Plate .....	1	31	850122001	Ferrite Induct Ring .....	2
4	526908001	Cord Clamp.....	2	32	526906001	Knob .....	2
5	678509001	Lock Nut (M5) .....	2	33	526907001	Block Washer.....	2
6	570839002	Dust Gasket .....	1	34	526857003	Rear Discharge Door.....	1
7	660608002	Screw (M4 x 16, T20 Torx Hd.).....	10	35	639200001	Rear Door Axle.....	1
8	527967001	Lower Cover (Stain Handle).....	1	36	678880001	Retaining Ring (E).....	2
9	527542002	Lower Cover (Trigger Housing) .....	1	37	679076001	Torsion Spring (Rear Door) .....	1
10	527970002	Trigger Handle (Left Power Lever).....	1	38	639183003	Bag Frame .....	1
11	694218001	Compression Spring .....	1	39	970699003	Bag.....	1
12	760279002	Switch .....	1	40	526854009	Deck.....	1
13	621628001	Battery Door Axle.....	1	41	513211001	Cord Clamp.....	2
14	291494001	Terminal Block w/Leads.....	1	42	940705269	Ryobi Logo Label (Handle).....	1
15	527966002	Upper Cover (Control Assembly) .....	1	43	940851118	Lithium Label (Right) .....	1
16	694136002	Compression Spring .....	1	44	941588116	Data Label.....	1
17	527968002	Start Button .....	1	45	940686159	Starting Instructions Label.....	1
18	940851117	Lithium Label (Left) .....	1	46	350878001	Handle Lock Assembly .....	4
19	660208104	Screw (M4 x 30 mm, T15 Torx Pan Hd.).....	6	47	680196006	Lock Nut (M6) .....	3
20	760536001	Switch .....	1	48	526874001	Handle.....	1
21	291516002	Starter Cable (Long).....	1	49	636379001	Front Wheel Axle.....	1
22	306786001	Battery Holder Assembly .....	1	50	741922002	Motor .....	1
23	527816001	Switch Holder .....	1	51	280705001	Soft Start Circuit Board.....	1
24	941846008	Warning Icon Label (Right).....	1	52	526975001	Bumper .....	1
25	660563002	Screw (M3.5 x 20 mm, T20 Torx Pan Hd.).....	18	53	526912001	Key Holder .....	1
26	679987007	Lower Handle.....	1	54	639178001	Key Receptacle.....	2
27	526905001	Pressure Block.....	2	55	526856001	Deck Cover .....	1
28	790021001	Wire Connector.....	2	56	638557001	Washer (OD15 x ID6 x 1t) .....	3

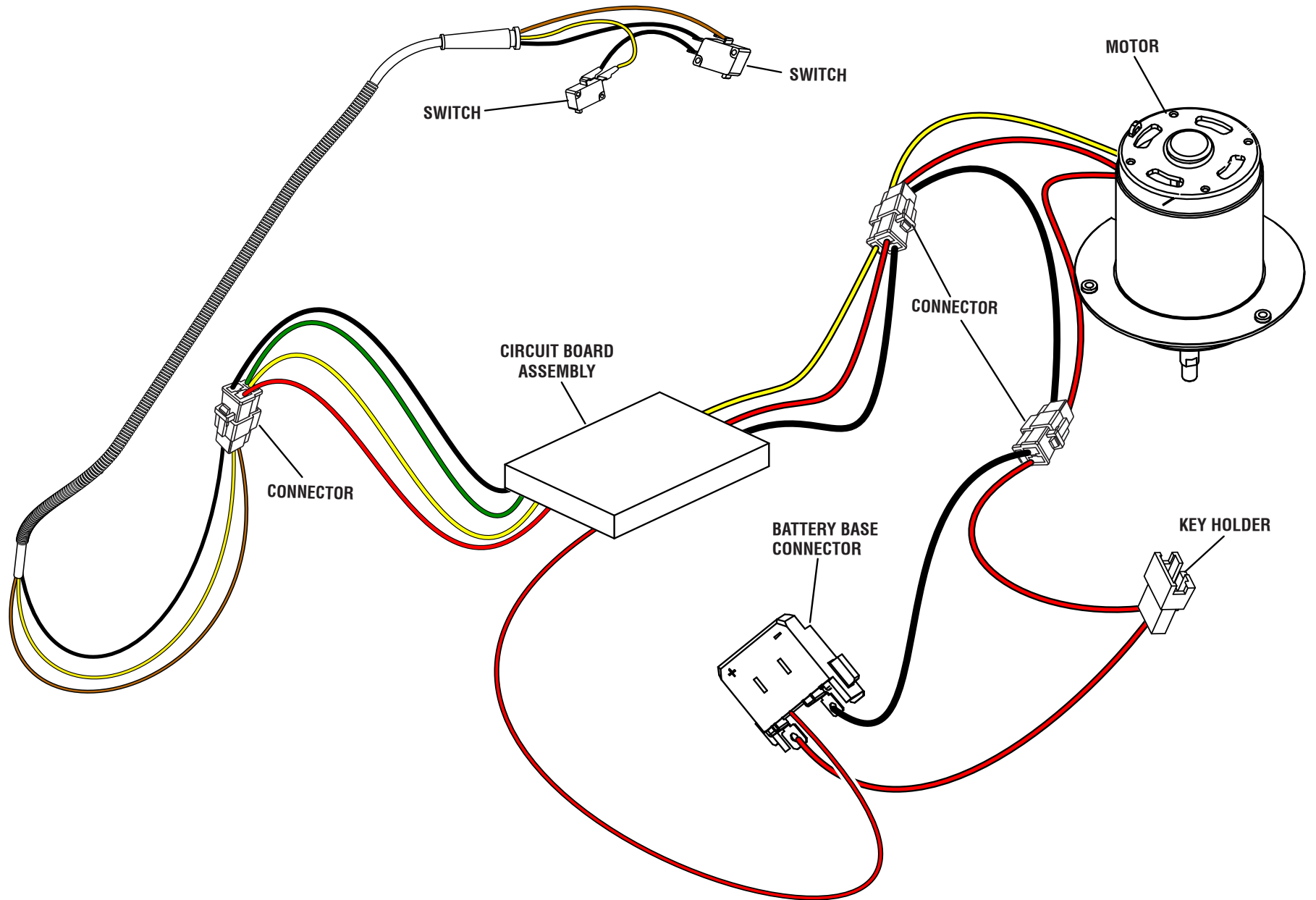
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### PARTS LIST (Continued)

Key Part No. Number	Description	Qty	Key Part No. Number	Description	Qty
57	660722002 Bolt (M6 x 26 mm, Hex Hd.) .....	3	84	661189003 Screw (M4 x 18 mm, T20 Torx Pan Hd.) .....	12
58	639120001 Motor Shaft Bushing .....	1	85	639186001 Rear Lift Rod .....	1
59	311280001 Start Key .....	1	86	526924001 Height Adjustment Handle .....	1
60	526855001 Battery Cover .....	1	87	664021001 Screw (M3 x 9 mm, Flat Hd.) .....	2
61	679074001 Torsion Spring (Battery Door) .....	1	88	639204001 Height Adjustment Lever .....	1
62	660713001 Screw (M5 x 16 mm, Pan Hd.) .....	2	89	679992001 Torsion Spring (Height Adjustment) .....	1
63	679073001 Compression Spring .....	1	90	639203001 Height Adjustment Bracket .....	1
64	679988001 Spring Pin .....	4	91	639122001 Axle (Height Adjustment) .....	1
65	526904001 Latch .....	4	92	639125001 Pressure Plate (Height Adjustment) .....	2
66	661865001 Quick Lock Press .....	4	93	694052001 Retention Spring .....	1
67	526977001 Grass Protector (Right) .....	1	94	639185001 Front Lift Rod .....	1
68	526976001 Grass Protector (Left) .....	1	95	679075001 Blade Nut (M10 x 1.25, Hex Flange Hd.) .....	1
69	940851116 Cut Diameter Label (Left) .....	1	96	639118001 Blade Retainer .....	1
70	639113003 Washer (OD20 x ID13 x 1t) .....	4	97	526920001 Spacer .....	1
71	526980001 Mulching Plug .....	1	98	639180003 Blade (16 in.) .....	1
72	525668001 Rear Cover .....	1	99	526876001 Wheel Cover .....	4
73	311253001 Front Wheel w/Bearing & Cap (6 in., Inc. Key No. 99) ...	2	100	660024061 Screw (M4 x 14mm, T20 Torx Pan Hd.) .....	4
74	528595001 Rear Skirt .....	1	<b>Not Shown:</b>		
75	940705179 Ryobi Logo Label (Front) .....	1	OP4026	40V Lithium-ion Battery Pack	
76	311739001 Rear Wheel w/Bearing & Cap (8 in., Inc. Key No. 99) ....	2	OP4015	40V Lithium-ion Battery Pack	
77	636378001 Rear Wheel Axle .....	1	OP4040	40V Lithium-ion Battery Pack	
78	678279004 Cotter Pin (2.5) .....	8	OP4050	40V Lithium-ion Battery Pack	
79	639013001 Washer (OD18 x ID8.4 x 1t) .....	3	OP400	40V Battery Charger	
80	941641001 Cut Finger Label .....	1	OP401	40V Battery Charger	
81	526921001 Blade Holder .....	1	991000690	Operator's Manual	
82	639116001 Axle Pressure Plate .....	6	9-27-18		
83	526922001 Base (Lock Handle) .....	2	(Rev:05)		

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WIRING DIAGRAM