REPAIR SHEET

BRAND

RYOBI

DESCRIPTION

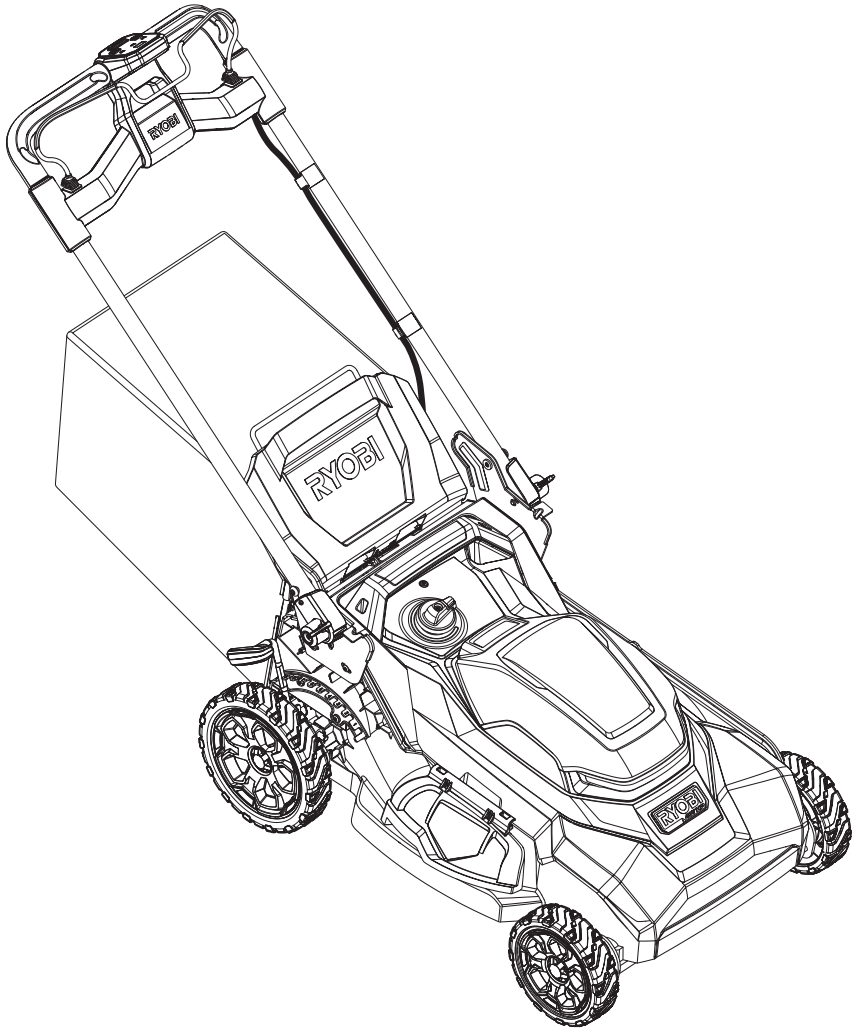
40 Volt 21 in. Lawn Mower

MODEL NO.

RY40HPLM05

MFG. NO.

108560001



TTI OUTDOOR POWER EQUIPMENT, INC.

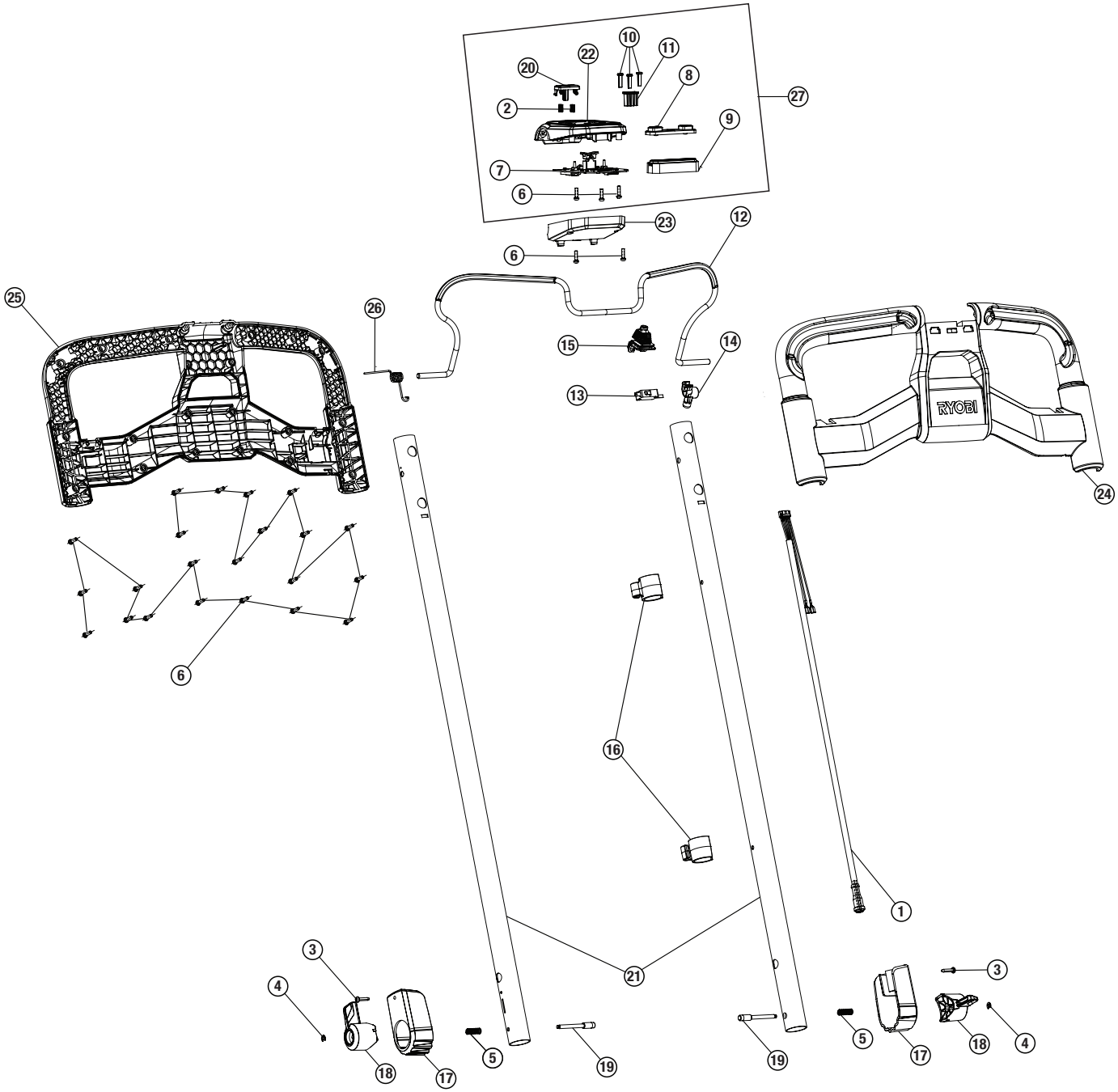
P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ **www.ryobitools.com**

4-22-25 (Rev:02)

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.

RY40HPLM05

FIGURE A



RY40HPLM05

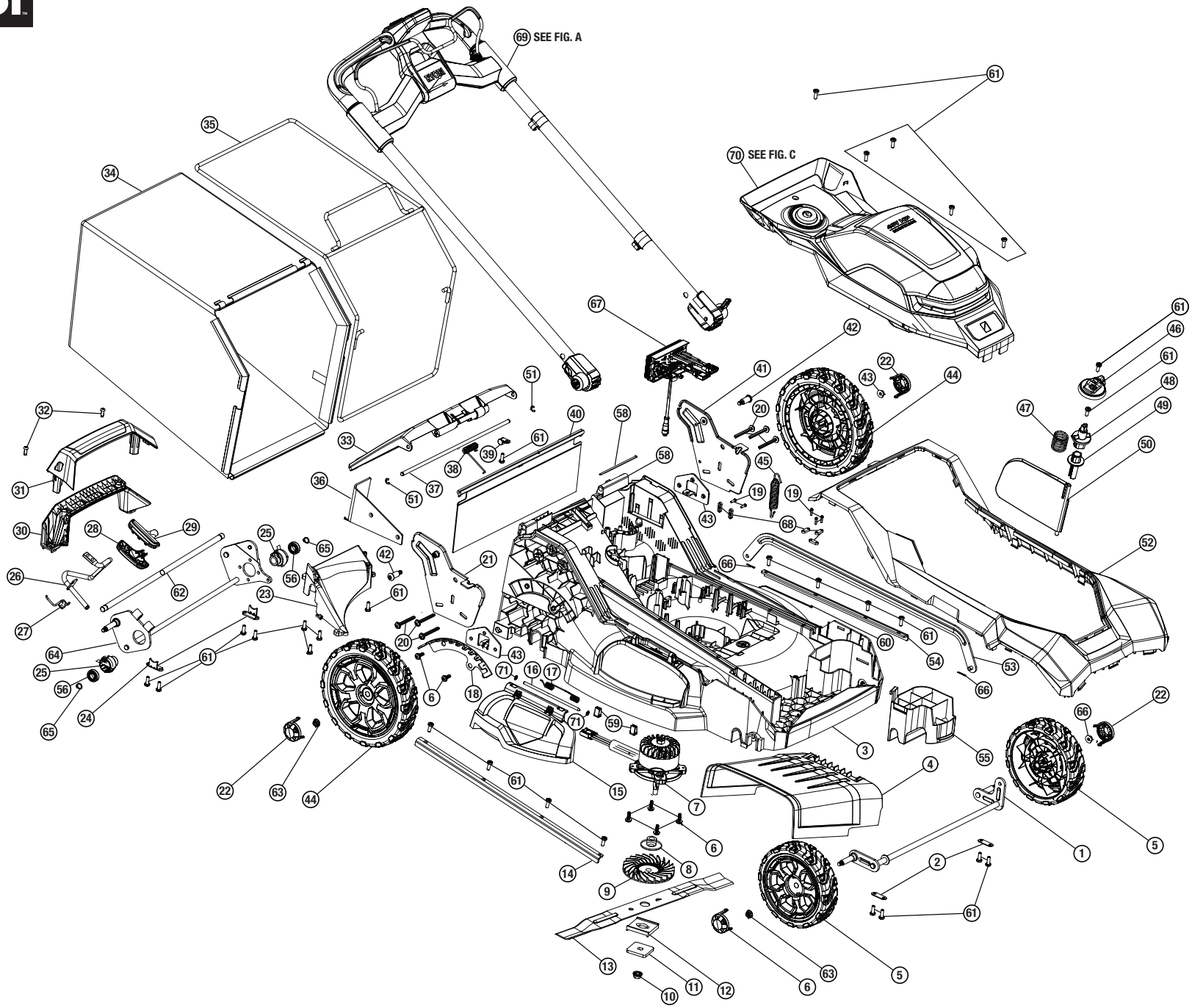
PARTS LIST — FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	292708001	Wire Harness	1
2	687263001	Compression Spring	2
3	661189003	Screw, Steel Ch M4.0x18	2
4	678353001	E-Ring	2
5	694490001	Spring	2
6	660024061	Screw	27
7	281169029	Circuit Board Assembly	1
8	569089001	Silicone Buttons	1
9	553855001	Plastic Button Spacer	1
10	553853001	Acessory Light Tube	3
11	553854001	Fuel Gauge Light Tube	1
12	657371002	Bail	1
13	760034042	Microswitch	1
14	553840001	Bail Actuator	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
15	569139001	Rubber Boot	1
16	544302001	Cord Retainer	2
17	543971001	Bushing for Adjustment Knob	2
18	543972001	Adjustment Knob	2
19	674293001	Detent Pin	2
20	553551001	Start Button	1
21	311116003	Left & Right Handle Tube Assembly	2
22	205908021	Front Pod Housing w/ Labels	1
23	553859001	Rear Pod Housing	1
24	553856002	Front Handle Clamshell	1
25	553857002	Rear Handle Clamshell	1
26	687250002	Spring	1
27	205908029	Front Cut Command Center Module (Inc. Key Nos. 2, 6-11, 20, 22)	1

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FIGURE B



PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	656307003	Front Axle	1
2	639116012	Front Axle Plate	2
3	205278005	Deck w/ Label	1
4	541644001	Side Discharge Chute	1
5	318565005	8'' Wheel	2
6	663156001	Screw, M6.0x1 T3	6
7	205908023	Motor	1
8	613427001	Bushing	1
9	535080004	Fan Blade Adapter	1
10	679075001	Hex Nut	1
11	639118002	Metal Blade Spacer Plate	1
12	526920003	Blade Spacer Plate	1
13	682534001	Blade	1
14	657391002	Right Support Bar	1
15	205908014	Side Discharge w/ Label	1
16	698355001	Side Cover Rod	1
17	699080004	Spring	1
18	657290002	Height Adjust Handle Bracket	1
19	660024061	Screw	5
20	663155001	Screw, Steel Ch M6.0x1 Pwh Torx T30 S	6
21	656415003	Right Handle Bracket	1
22	553589001	Plastic, Wheel Hub Cap	4
23	553472001	Ramp	1
24	639116011	Rear Axle Press Plate	2
25	544086001	Bearing Cup	2

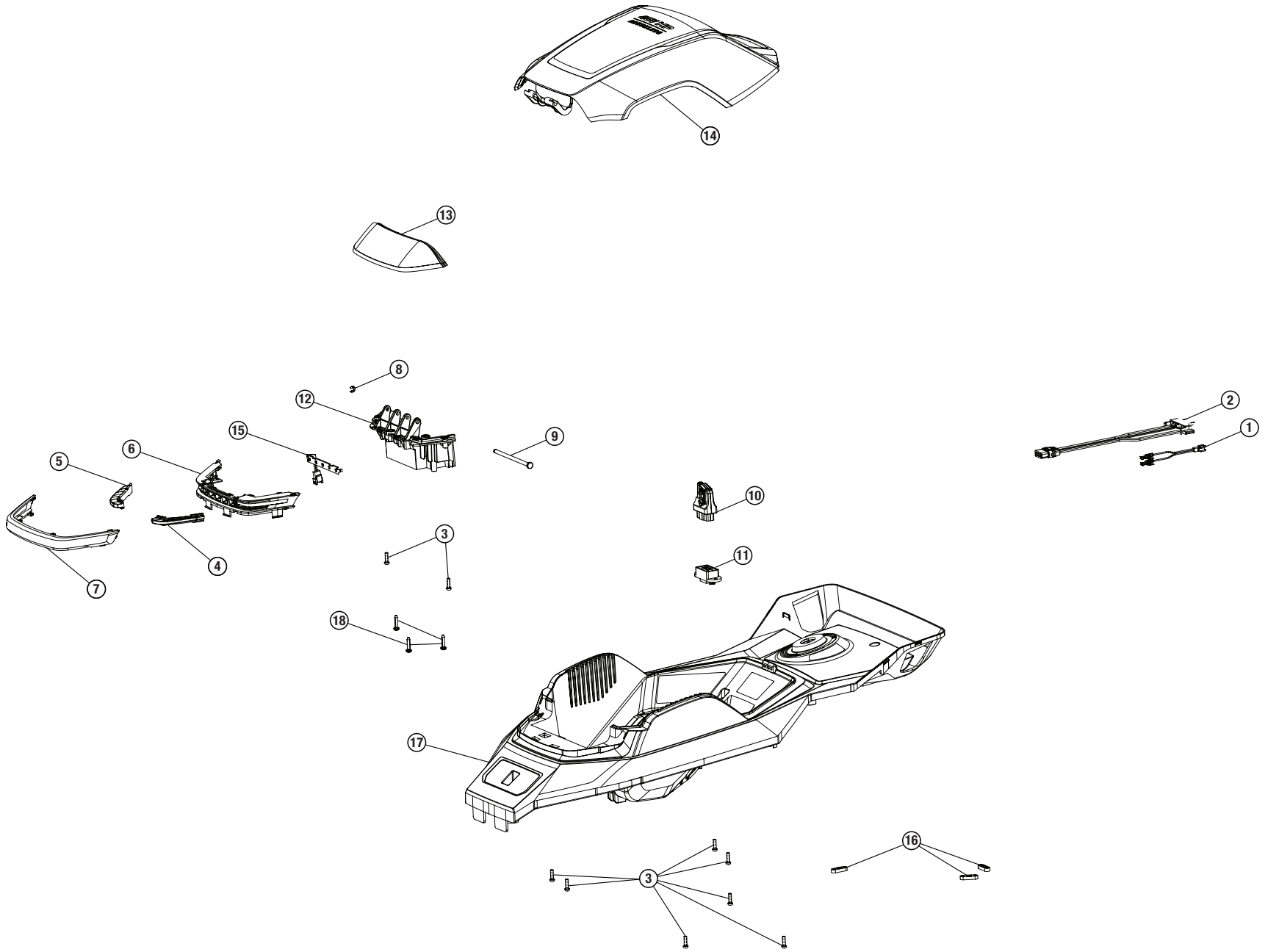
KEY NO.	PART NO.	DESCRIPTION	QTY.
26	685899001	Height Adjustment Handle	1
27	699325001	Spring	1
28	552708001	Right Knob	1
29	552709001	Left Knob	1
30	553469001	Carry Handle Bottom	1
31	553420001	Carry Handle Top	1
32	661409008	Screw M6.0x1 Ph Torx T30 S\L=17mm	2
33	205908015	Rear Door w/ Label	1
34	970834002	Grass Catcher	1
35	659320005	Bag Frame	1
36	657272004	Height Adjust Support Plate	1
37	622754001	Rear Door Shaft	1
38	698995001	Spring	1
39	657980003	Loop Clamp	1
40	547099003	Trailing Shield	1
41	656416003	Left Handle Bracket	1
42	663149001	M Screw, Steel Th M8.0x1.25-6g Ph Torx T45 B	2
43	657369002	Support Plate	2
44	318565012	10 Inch Wheel	2
45	687436001	Spring For Height Adjustment	1
46	553161001	Mulch Door Handle	1
47	683971002	Spring	1
48	553467001	Handle Adaptor	1
49	553468001	Door Adaptor	1
50	553606001	Mulch Door	1

PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
51	678880001	E_ring	2
52	205908020	Top Cover w/ Label	1
53	656460003	Axle Linkage	1
54	657390002	Left Support Bar	1
55	553793001	Hole Plug	1
56	682164001	Bearing	2
58	790076002	Cable Clip	1
59	569293001	Rubber Plug	2
60	790055001	Cable Tie	1
61	664004004	St Screw,Steel Ch 1/4"-15x3/4" Hi-Lo	28
62	699563001	Rear Axle Shaft	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
63	662974001	Flange Nut,Steel Ch M8.0x1.25-6h \ L=8mm Zn-Pl	4
64	657047005	Rear Axle	1
65	690698001	Retaining Ring, External	2
66	678279004	Cotter Pin	2
67	281330048	Motor Controller	1
68	513211004	Cord Clip	5
69	318318008	Handle Assembly	1
70	318325007	Powerhead Assembly	1
71	678490001	Retaining Ring	2

FIGURE C

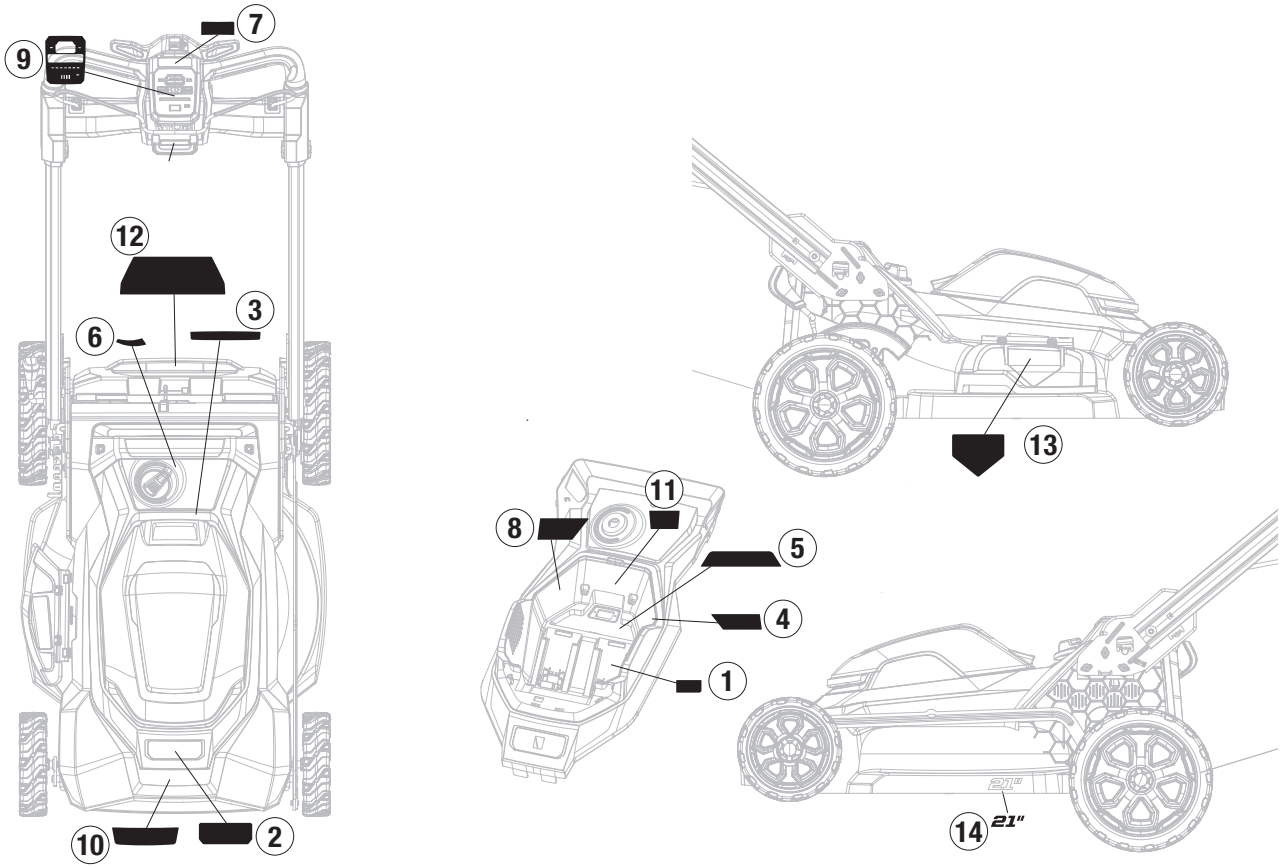


PARTS LIST — FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	292636001	Key Harness	1
2	292163007	Battery Harness (Black, Blue, Brown)	1
3	660024061	Screw	9
4	553583001	LED Light Tube, Left	1
5	553584001	LED Light Tube, Right	1
6	553578001	LED Reflector	1
7	553577001	LED Cover	1
8	693525001	E-Clip	1
9	623618001	Pin (5mm x 96.9mm)	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
10	311280001	Start Key	1
11	526912001	Key Connector Base	1
12	553579002	Hinge Cover	1
13	553422003	Battery Door Cover	1
14	318333009	Battery Door	1
15	281660011	Circuit Board Assembly, Headlights	1
16	513211004	Cord Clip	3
17	205908022	Battery Housing w/ Labels	1
18	661189003	Screw, Steel Ch M4.0x18	2

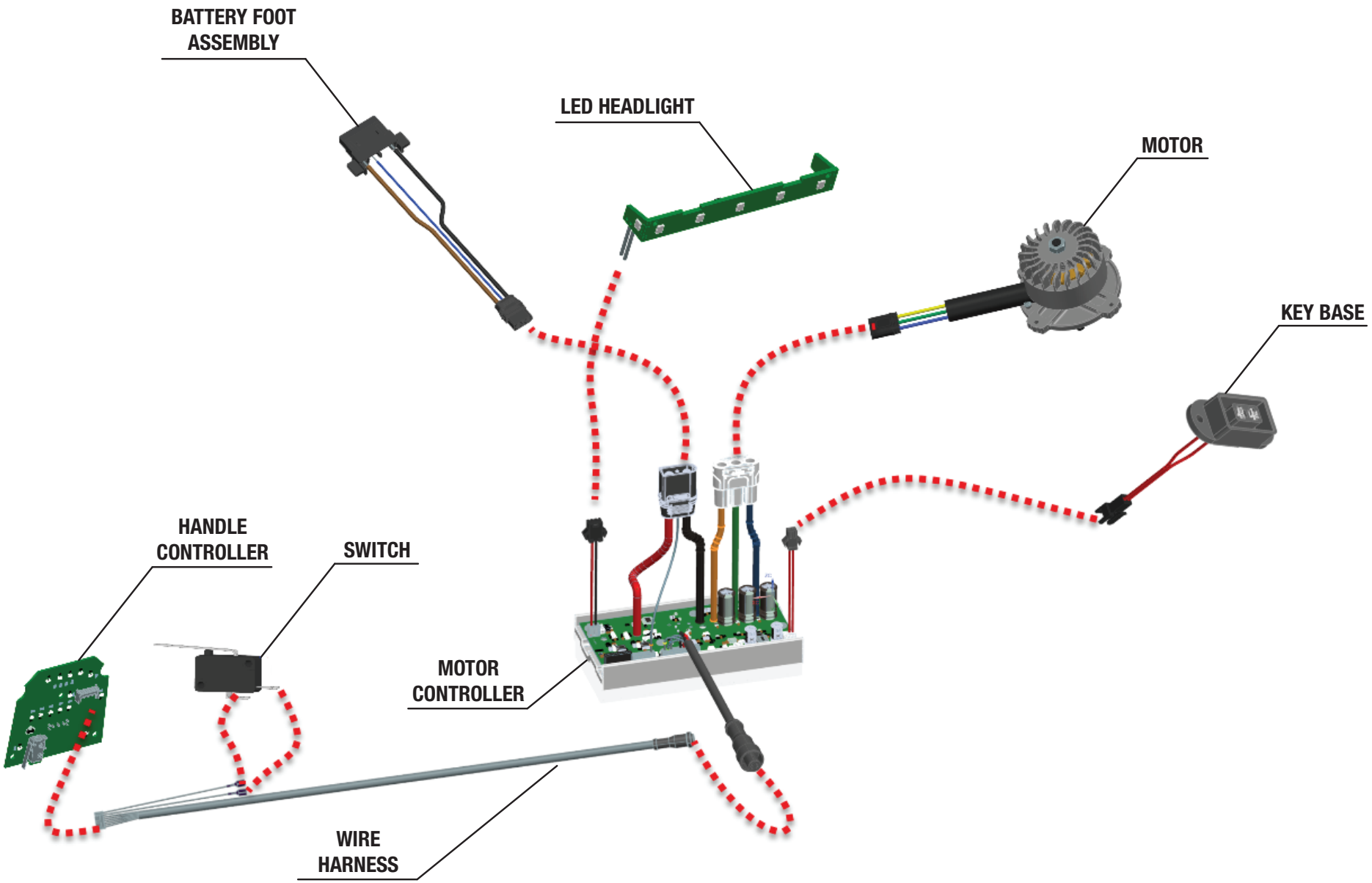
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PARTS LIST — LABELS

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	940779399	Battery Storage Label	1
2	940779436	Ryobi 40V HP Standard Label	1
3	940779821	Icon Label	1
4	940779822	Battery Wet Warning Label	1
5	940779823	Start Key Warning Label	1
6	940779825	Mulch Door Label	1
7	940779828	Starting Instructions Label	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
8	940779840	Data Label	1
9	940779841	Console LED Label	1
10	940779842	Push Label	1
11	940779843	QR Code Start Key Label	1
12	941097095	Danger Door Label	1
13	941641001	No Hands/Feet Danger Label	1
14	940779920	21 in. Label	1



WIRING DIAGRAM