

REPAIR SHEET

BRAND

RYOBI

DESCRIPTION

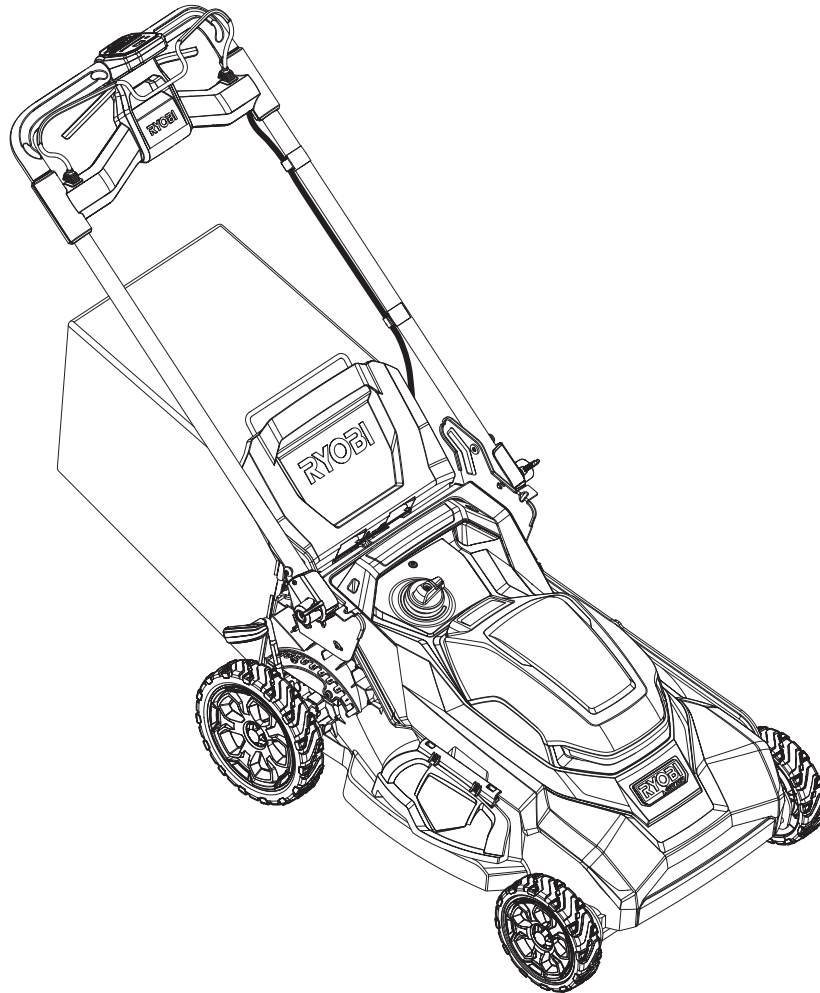
40 Volt 21 in. Lawn Mower

MODEL NO.

RY40HPLM01

MFG. NO.

108556001

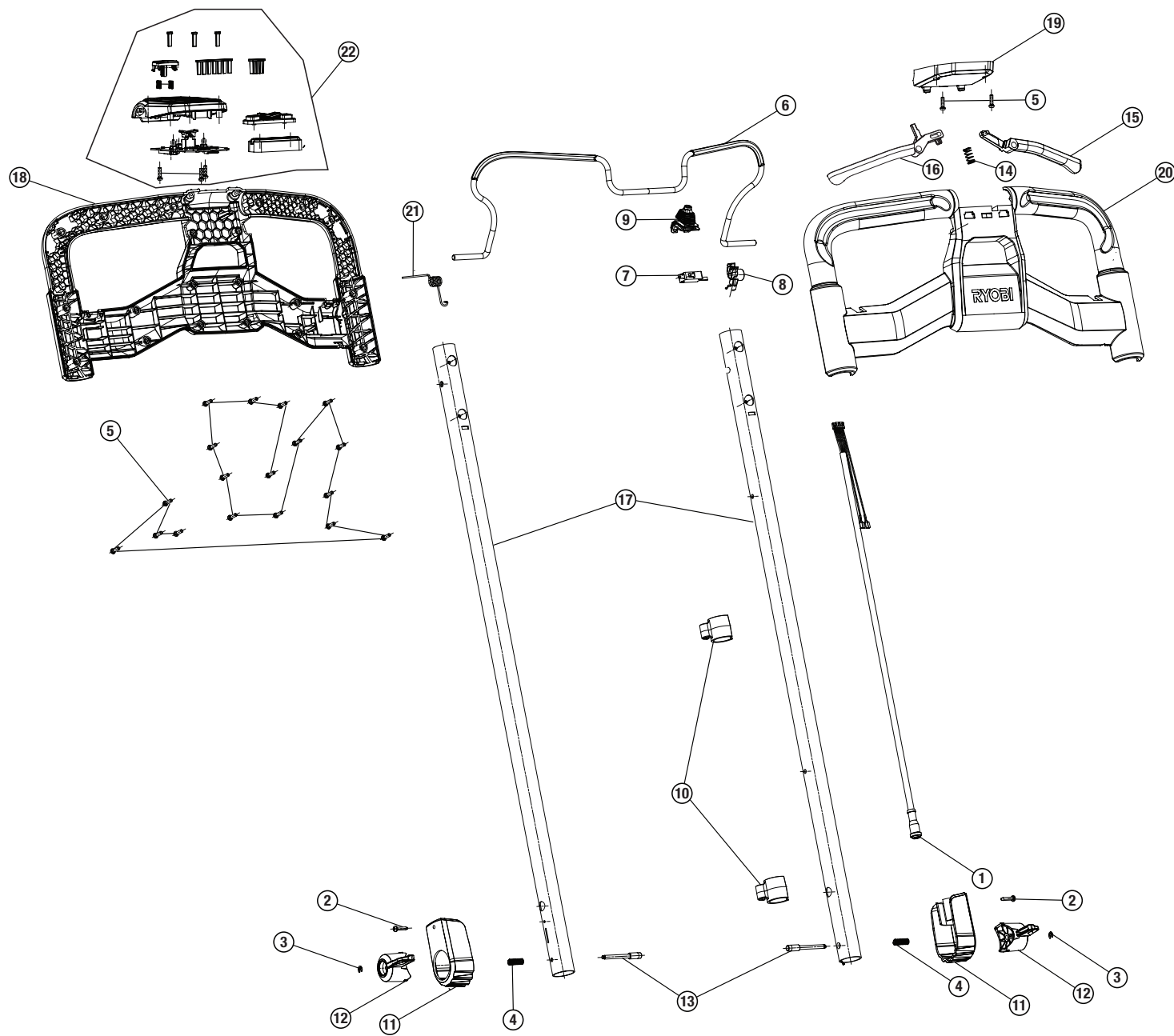


TTI OUTDOOR POWER EQUIPMENT, INC.

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

5-26-26 (Rev:04)

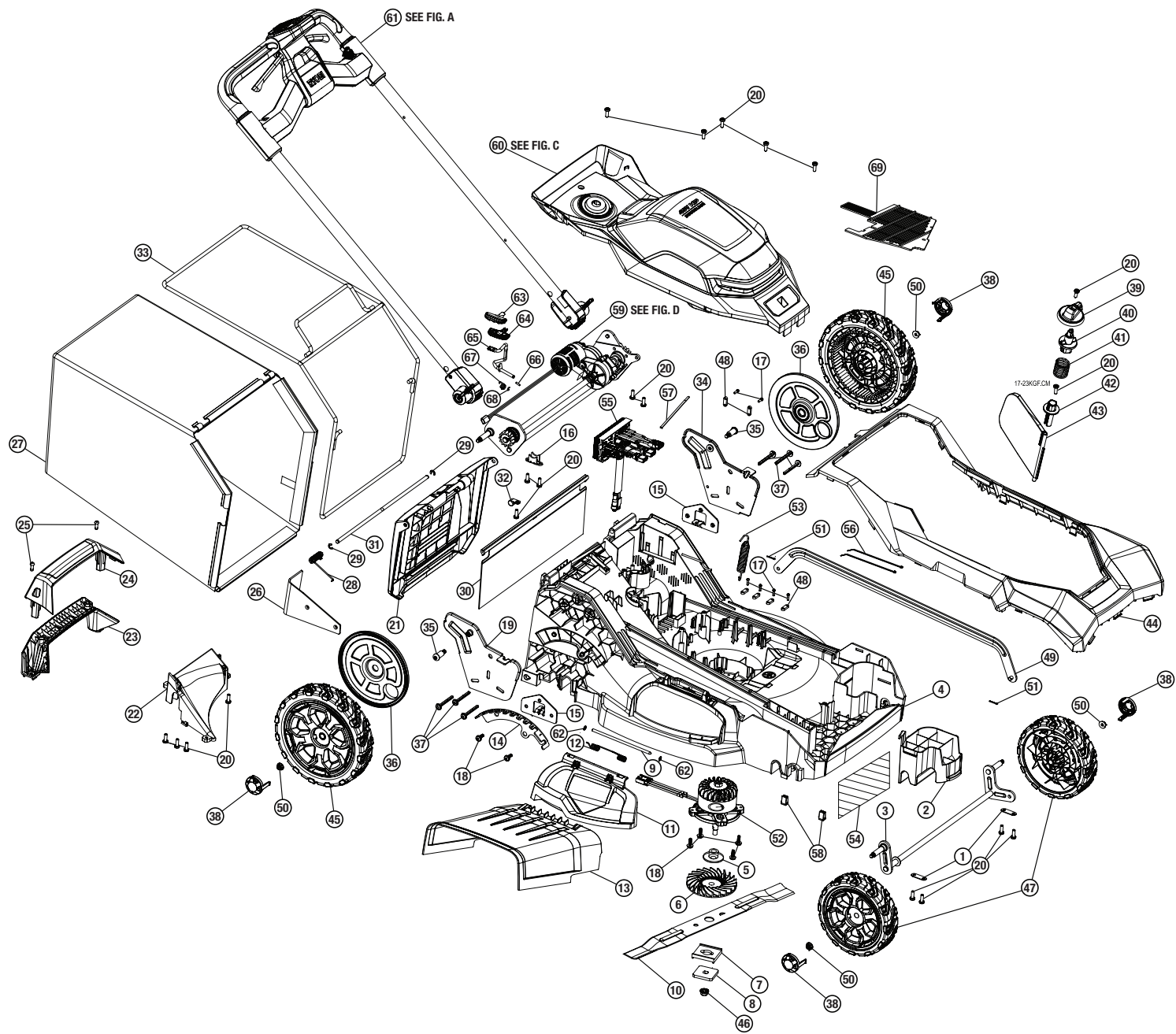
The model number and manufacturing location will be found on a label attached to the product. Always mention this information in all communications regarding this product and when ordering parts.



PARTS LIST — FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	292708001	Wire Harness	1
2	661189003	Screw (M4 x 18 mm)	2
3	678353001	E-Ring	2
4	694490001	Spring	2
5	660024061	Screw M4.0X1.8 PH TORX T20	24
6	657371002	Bail	2
7	760034042	Micro Switch	1
8	553840001	Bail Actuator	1
9	569139001	Rubber Boot	1
10	544302001	Cord Retainer	2
11	543971001	Bushing for Adjustment Knob	2
12	543972001	Adjustment Knob	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
13	674293001	Detent Pin	2
14	694218001	Spring	1
15	553621001	Left Trigger	1
16	553622003	Right Trigger	1
17	311116003	Left & Right Handle Tube Assembly	2
18	553857001	Rear Handle Housing	1
19	553859001	Rear Pod Housing	1
20	553856001	Front Handle Housing	1
21	687250002	Torsion Spring	1
22	205908030	Front Cut Command Center Module (After SNTM25213D370001)	1
	205791011	Front Cut Command Center Module (Before SNTM25213D370001)	



PARTS LIST — FIGURE B

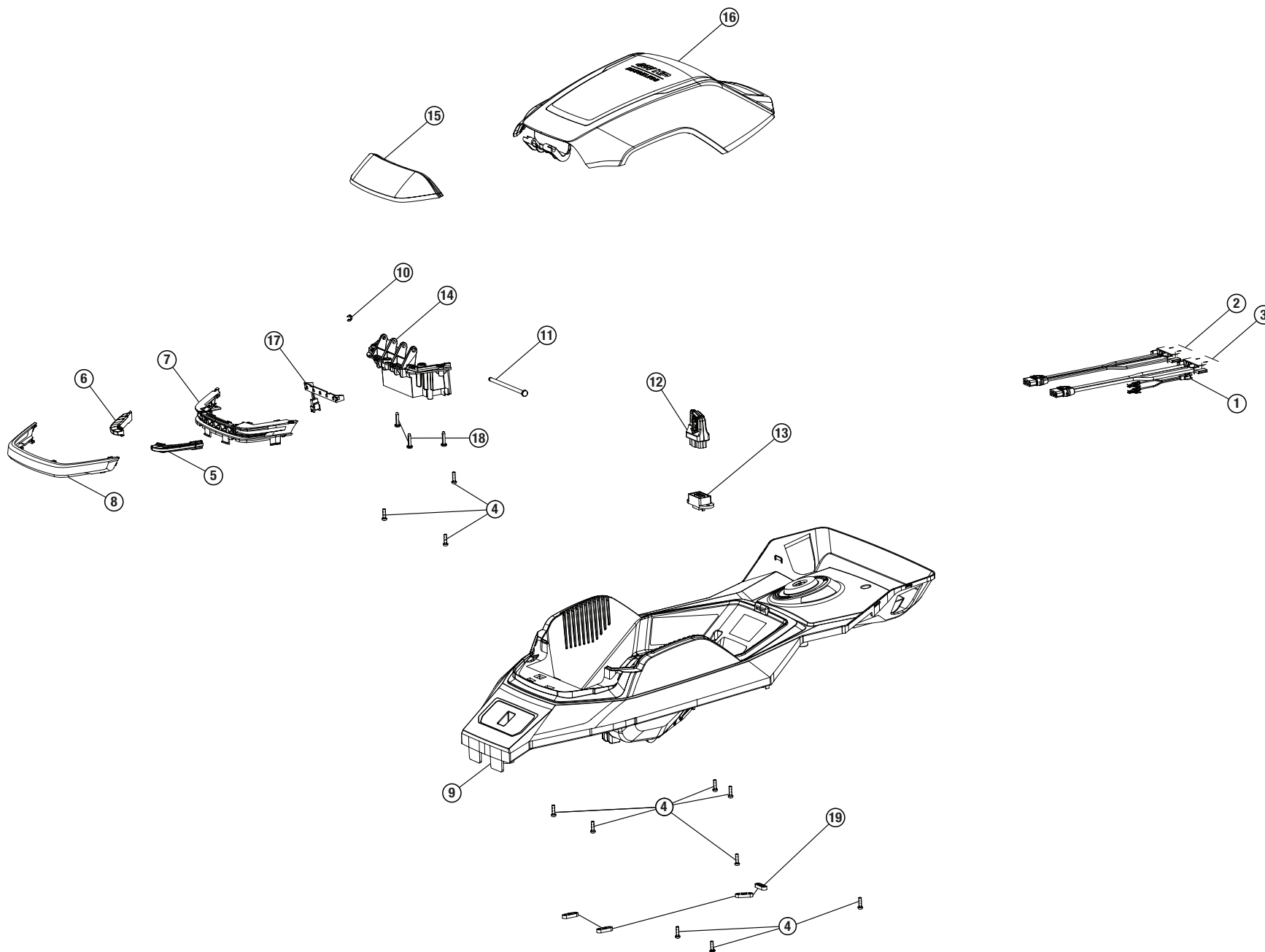
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	639116012	Front Axle Plate	2
2	553793001	Hole Plug	1
3	656307003	Front Axle	1
4	205278005	Deck w/ Labels	1
5	613427001	Motor Bushing	1
6	535080004	Fan Blade Adapter	1
7	526920003	Plastic, Blade Spacer Plate	1
8	639118002	Metal, Blade Spacer Plate	1
9	698355001	Side Cover Hinge Rod	1
10	682534001	Blade	1
11	205908014	Side Discharge Cover w/ Label	1
12	699080004	Cover Spring	1
13	541644001	Side Discharge Chute	1
14	657290002	Height Adjust Handle Bracket	1
15	657369002	Handle Bracket Support Plate	2
16	639116020	Rear Axle Plate	1
17	660024061	Screw	6
18	663156001	Screw (M6, Torx T30)	6
19	656415003	Right Handle Bracket	1
20	664004004	Screw 1/4"-15	20
21	205908015	Rear Door w/ Label	1
22	553472001	Ramp	1
23	553469001	Carry Handle Bottom	1
24	553420001	Carry Handle Top	1
25	661409008	Screw (M6, Torx T30)	2
26	657272004	Height Adjust Support Plate	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
27	970834002	Grass Catcher	1
28	698995001	Spring	1
29	678880001	E Ring	2
30	547099003	Trailing Shield	1
31	622754001	Rear Door Axle	1
32	657980003	Loop Clamp	1
33	659320005	Grass Bag Frame	1
34	656416003	Left Handle Bracket	1
35	663149001	Screw M8 Torx 45	2
36	554131001	Wheel Dust Cover	2
37	663155001	Screw (M6, Torx T30)	6
38	553589001	Hub Cap	4
39	553161001	Mulch Door Handle	1
40	553467001	Handle Adapter	1
41	683971002	Compression Spring	1
42	553468001	Door Adapter	1
43	553606001	Mulch Door	1
44	205908011	Top Cover w/ Label	1
45	318565007	10inch Wheel	2
46	679075001	Nut	1
47	318565005	8inch Wheel	2
48	513211004	Cord Clip	6
49	656460003	Axle Linkage Bar	1
50	662974001	Nut (M8 x 1.25)	4
51	678279004	Cotter Pin	2
52	205908023	Motor	1

PARTS LIST — FIGURE B (CON'T)

KEY NO.	PART NO.	DESCRIPTION	QTY.
53	687436002	Spring	1
54	904389005	Sandbag	1
55	281330039	Controller	1
56	790055001	Cable Tie	2
57	790076002	Cable Clip	1
58	569293001	Rubber Plug	2
59	205791007	Rear Axle Assembly (After SNTM25213D370001)	1
	205791011	Rear Axle Assembly (Before SNTM25213D370001)	
60	318325003	Power Head Assembly	1
61	318318014	Handle Assembly (After SNTM25213D370001)	1
	205791012	Handle Assembly (Before SNTM25213D370001)	

KEY NO.	PART NO.	DESCRIPTION	QTY.
62	678490001	External Ring	2
63	552709001	Left knob	1
64	552708001	Right Knob	1
65	685899001	Height Adjustment Handle	1
66	622068004	Dowel Pin	2
67	699325001	Torsion Spring	1
68	678880001	E Ring	1
69	555088003	Transmission Cover Plate	1



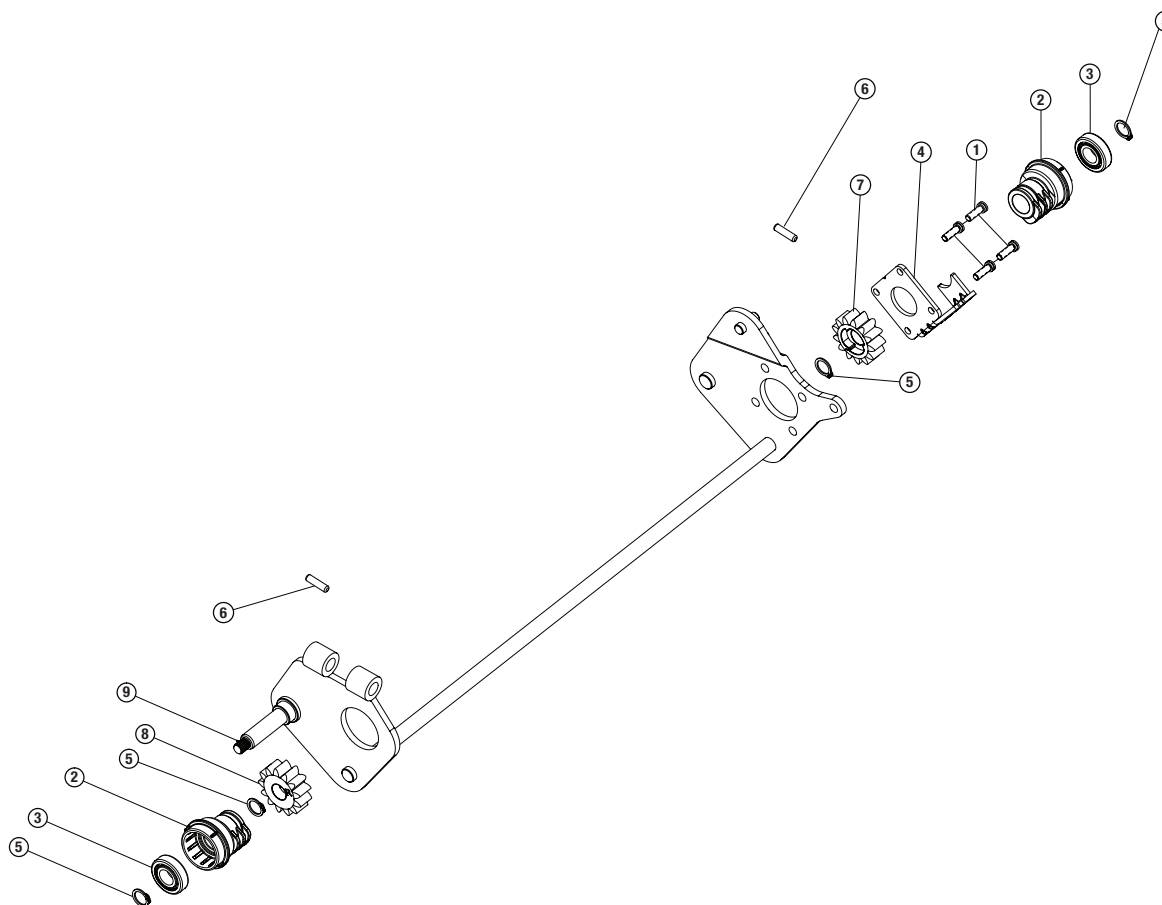


RY40HPLM01

PARTS LIST — FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	292636001	Key Harness	1
2	292163007	Battery Harness (Black, Blue, Brown)	1
3	292163006	Battery Harness (Black, Orange, Purple)	1
4	660024061	Screw	11
5	553583001	LED Light Cover (Left)	1
6	553584001	LED Light Cover (Right)	1
7	553578001	LED Reflector	1
8	553577001	LED Cover	1
9	205908012	Battery Housing w/ Labels	1
10	693525001	E-Clip	1

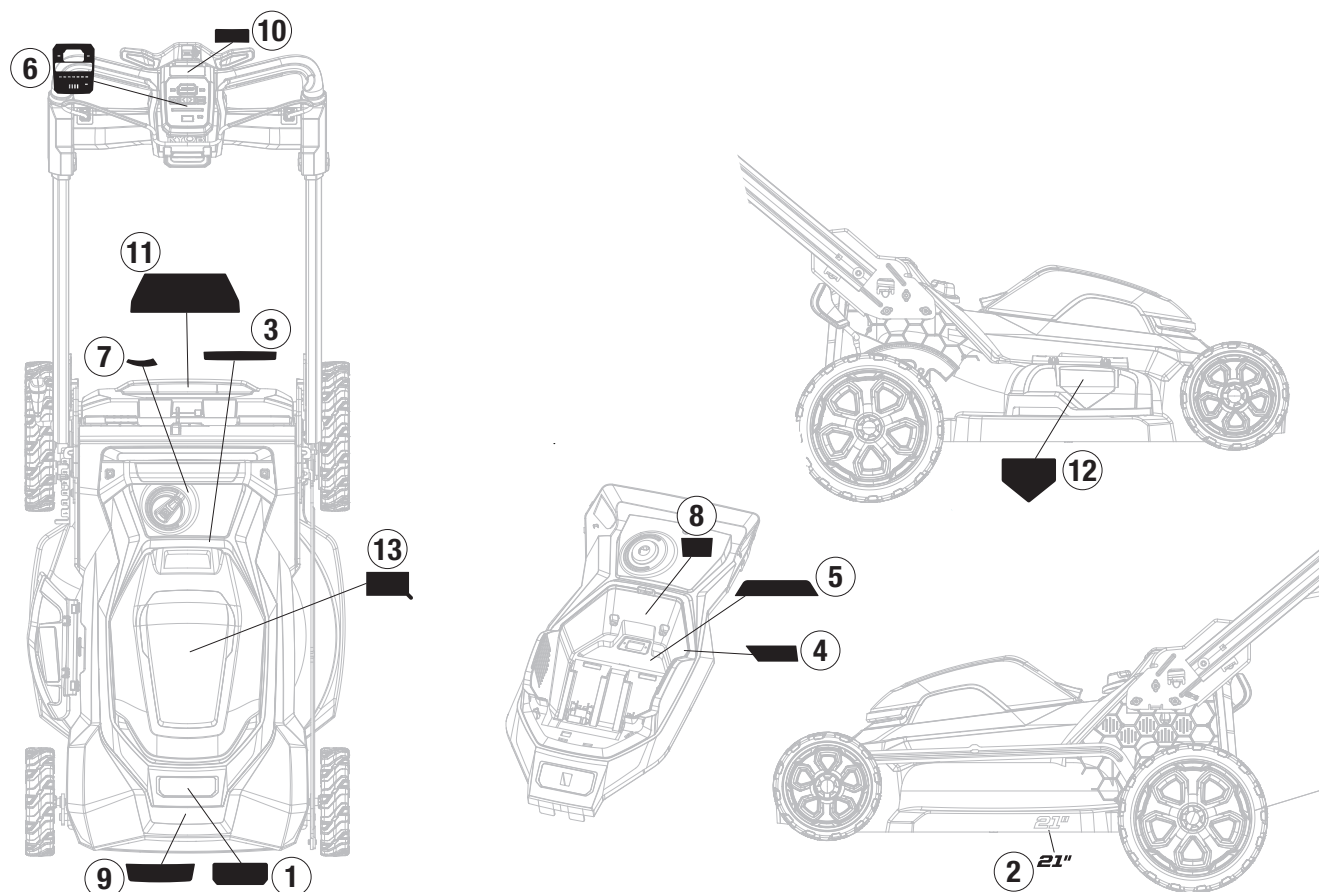
KEY NO.	PART NO.	DESCRIPTION	QTY.
11	623618001	Pin (5mm x 96.9mm)	1
12	311280001	Start Key Assembly	1
13	526912001	Key Connector Base	1
14	553579002	Hinge Cover	1
15	553422003	Battery Door Cover	1
16	318333009	Battery Cover	1
17	281660011	Headlight Circuitboard Assembly	1
18	661189003	Screw (M4 x 18mm)	3
19	513211004	Cord Clip	4



PARTS LIST — FIGURE D

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	660927002	Screw (M5 x16, Torx Hd.)	4
2	554140001	Ball Bearing Cup	2
3	682164001	Bearing	2
4	659708001	Connecting Plate	1
5	690698001	External Retaining Ring	4

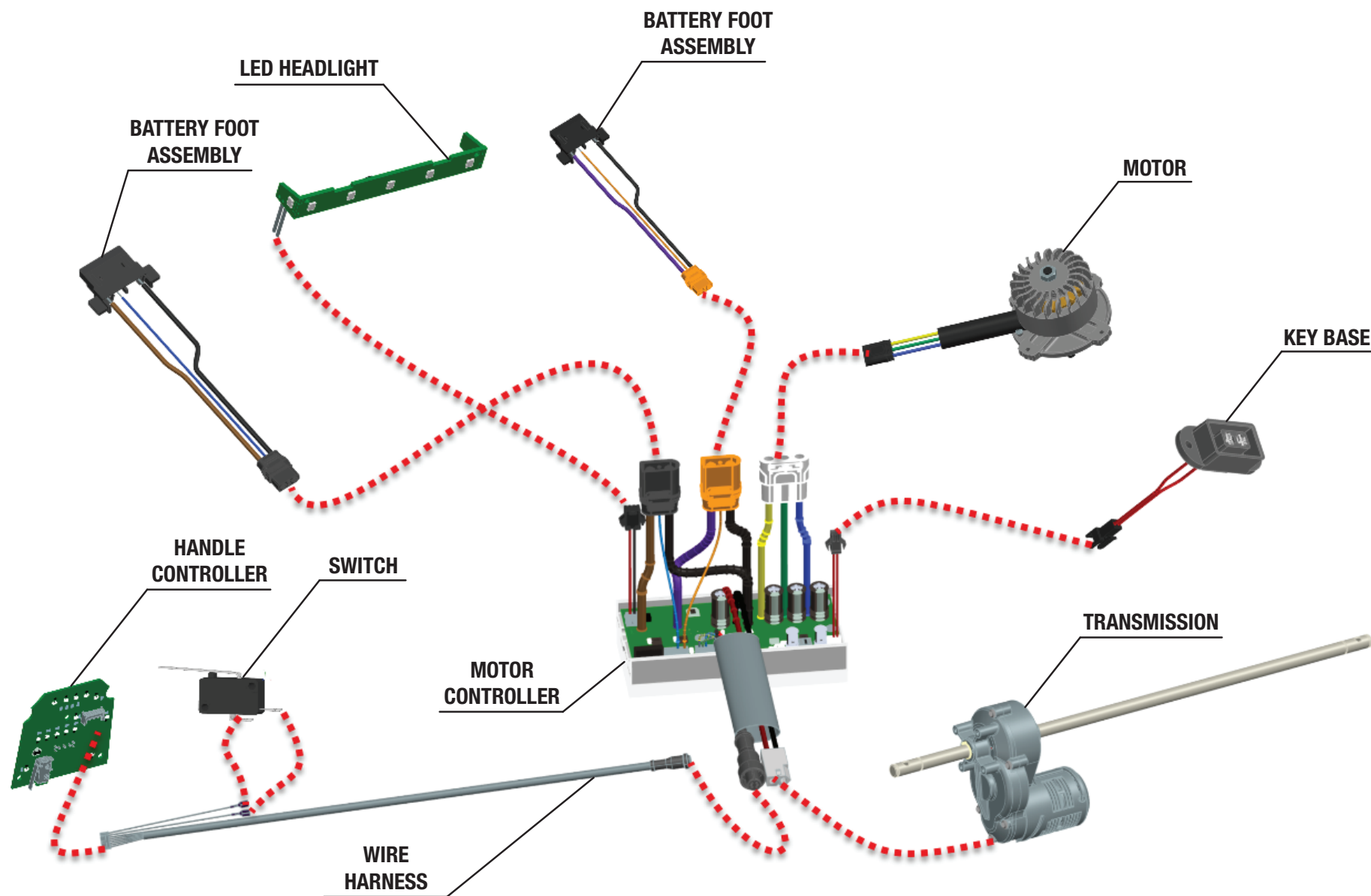
KEY NO.	PART NO.	DESCRIPTION	QTY.
6	622068004	Dowel Pin	2
7	616363003	Left Drive Gear	1
8	616363002	Right Drive Gear	1
9	657047005	Rear Axle	1



PARTS LIST — LABELS

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	940779436	Ryobi 40V HP-Standard Label	1
2	940779920	21in Label	1
3	940779821	Icon Label	1
4	940779822	Battery Wet Warning Label	1
5	940779823	Start Key Warning Label	1
6	940779824	Console LED Label	1
7	940779825	Mulch Door Label	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
8	940779826	QR Code Start Key Label	1
9	940779827	Self-Propelled Label	1
10	940779828	Starting Instructions Label	1
11	941097095	Danger Door Label	1
12	941641001	No Hands/Feet Danger Label	1
13	940779917	Battery Usage Temp Label	1



WIRING DIAGRAM