

REPAIR SHEET

BRAND

RYOBI

DESCRIPTION

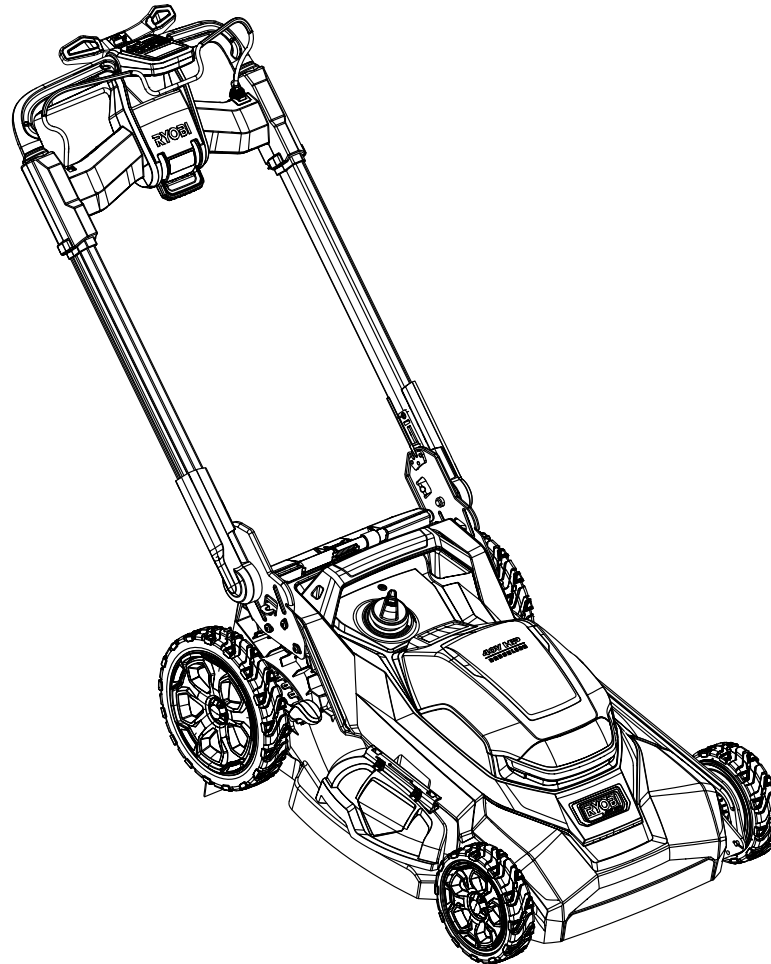
40 Volt 21 in. Lawn Mower

MODEL NO.

RY40HPLM03

MFG. NO.

108558001

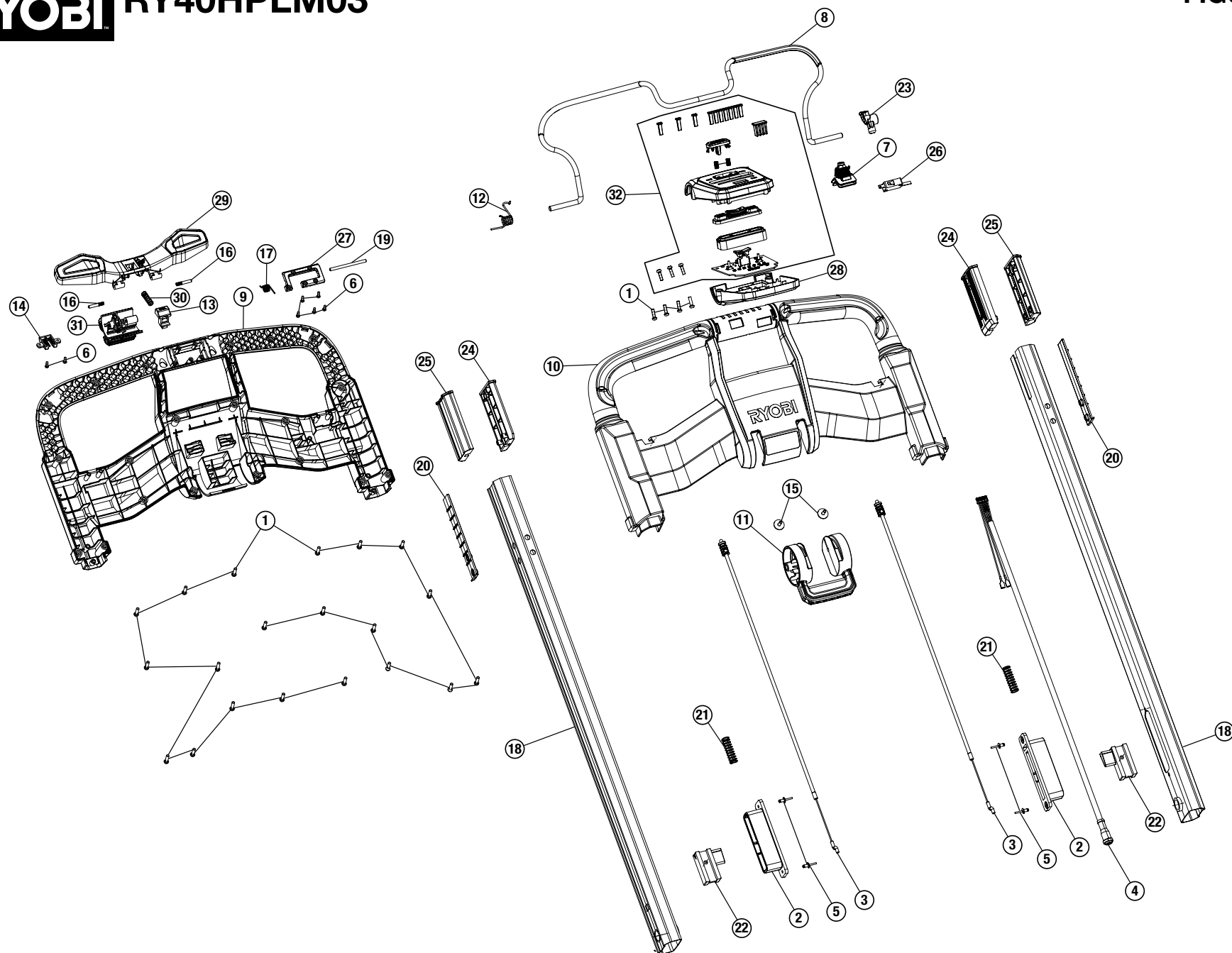


TTI OUTDOOR POWER EQUIPMENT, INC.

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

5-26-26 (Rev:02)

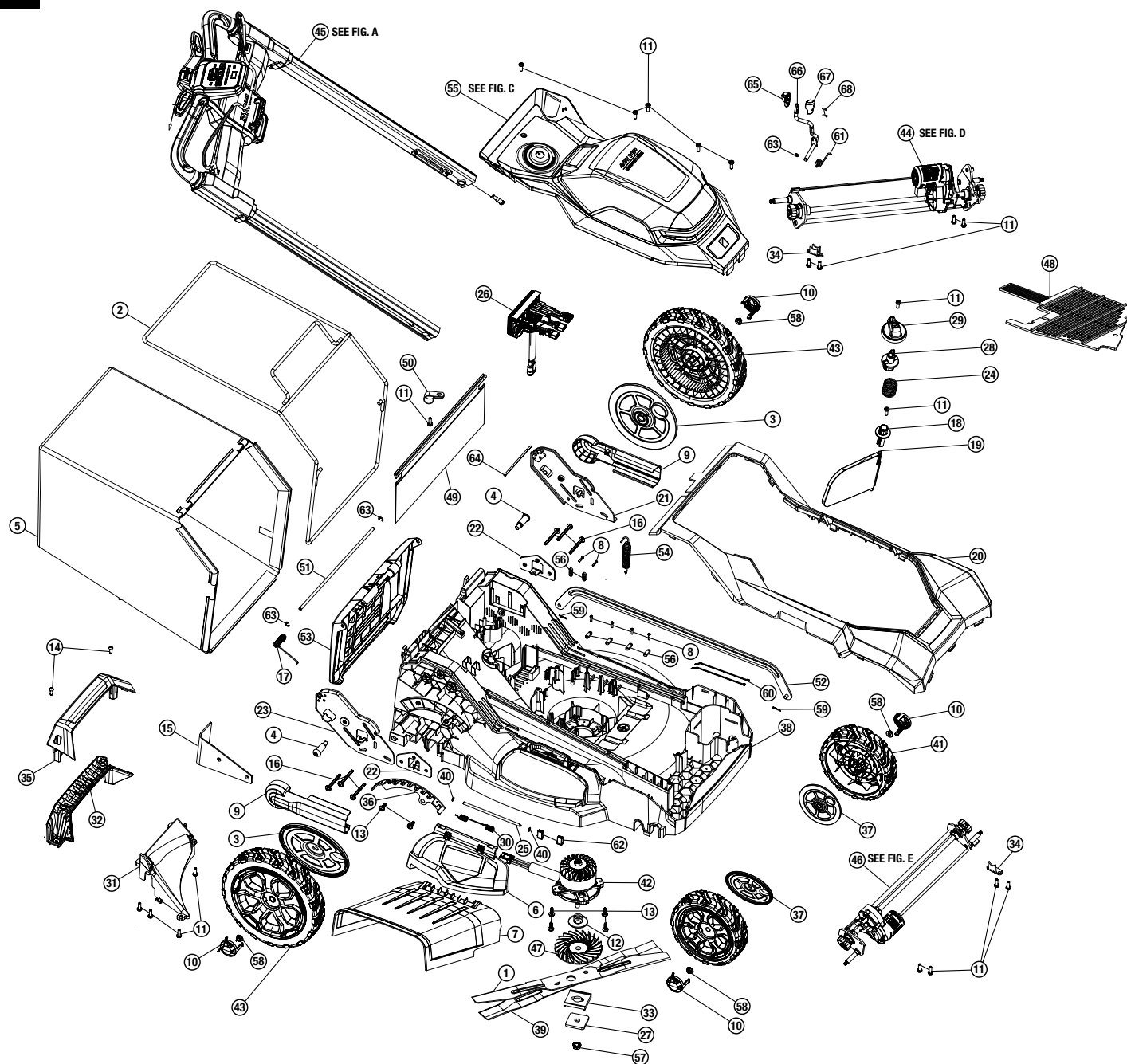
The model number and manufacturing location will be found on a label attached to the product. Always mention this information in all communications regarding this product and when ordering parts.



PARTS LIST — FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	660024061	Screw (M4-1.8 x 14 mm, T20 Torx Hd.)	26
2	547624001	Handle Guide Support Plate	2
3	292514002	Handle Adjustment Cable	2
4	292708001	Wire Harness	1
5	674215003	Rivet	4
6	660203001	Screw (M3 x 8 mm, Pan Hd.)	7
7	569041001	Rubber Boot	1
8	657371002	Bail	1
9	553471002	Rear Handle Housing	1
10	205908017	Front Handle Housing w/ Label	1
11	553547001	One Touch Fold Handle	1
12	687250001	Torsion Spring	1
13	553553001	Smart Trek Thumb Pad	1
14	553554001	Smart Trek Adjustment Spring Cover	1
15	662199001	Screw (M4-18 x 10 mm, T20 Torx Hd.)	2
16	674379001	Pin (4 mm x 25 mm)	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
17	683988001	Torsion Spring	1
18	699629009	Handle Tube	2
19	674340001	Pin (4 mm x 60 mm)	1
20	543046002	Support Plate	2
21	684164001	Compression Spring	2
22	683992002	Latch Pin	2
23	553840001	Bail Actuator	1
24	553917001	Left Handle Liner	2
25	553916001	Right Handle Liner	2
26	760034042	Micro Switch	1
27	553556001	Smart Trek Spring Retention Plate	1
28	553546002	Rear Pod Housing	1
29	554008002	Paddle	1
30	694490006	Compression Spring	1
31	553552003	Smart Trek Adjust Pivot With Magnet	1
32	205908032	Front Cut Command Center Module	1



PARTS LIST — FIGURE B

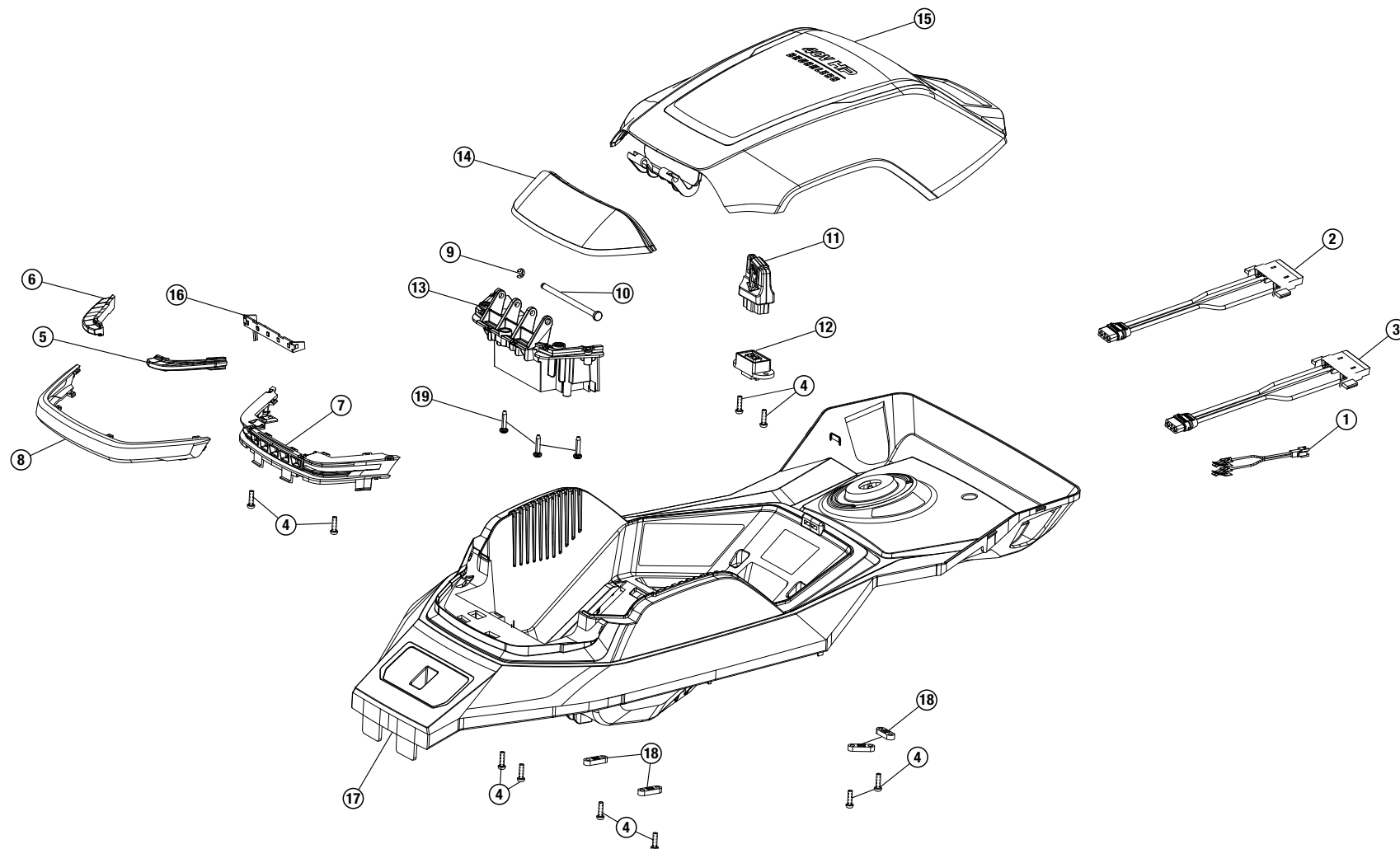
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	682533001	Top Blade	1
2	659320005	Grass Bag Frame	1
3	554131001	Wheel Dust Cover	2
4	663192001	Screw (M10 x 1.25-6g, Hex Hd.)	2
5	970834002	Grass Catcher	1
6	205908014	Side Discharge Cover w/ Label	1
7	541644001	Side Discharge Chute	1
8	660024061	Screw (M4-1.8 x 14 mm, T20 Torx Hd.)	6
9	538869003	Hinge Cover	2
10	553589001	Wheel Hub Cap	4
11	664004004	Screw (1/4 in.-15 x 0.75 in., T30 Torx Hd.)	20
12	613427001	Motor Bushing	1
13	663156001	Screw (M6-1 x 30 mm, T30 Torx Hd.)	6
14	661409008	Screw (M6 x 17 mm, T30 Torx Hd.)	2
15	657272004	Support Plate	1
16	663155001	Screw (M6-1 x 64 mm, T30 Torx Hd.)	6
17	698995001	Spring	1
18	553468001	Door Adaptor	1
19	553606001	Mulch Door	1
20	205908016	Top Cover w/ Label	1
21	657330002	Left Handle Bracket	1
22	657369002	Support Plate	2
23	657329002	Right Handle Bracket	1
24	683971002	Compression Spring	1
25	698355001	Side Cover Hinge Rod	1
26	281330054	Motor Controller	1
27	639118002	Blade Spacer Plate	1
28	553467001	Handle Adapter	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
29	553161001	Mulch Door Knob	1
30	699080004	Spring	1
31	553472001	Ramp	1
32	553469001	Carry Handle Bottom	1
33	526920003	Plastic Blade Spacer	1
34	639116020	Axle Plate	1
35	553420001	Carry Handle Top	1
36	657290002	Height Adjust Bracket	1
37	545422001	8 in Wheel Cover	2
38	205278005	Deck w/ Label	1
39	682534001	Bottom Blade	1
40	678490001	Retaining Ring	2
41	318565006	8in. Wheel	2
42	743044003	Motor	1
43	318565008	11in. Wheel	2
44	205791007	Rear Axle Assembly w/o Deck Lift Handle	1
45	318318006	Handle Assembly	1
46	317684003	Front Axle Assembly	1
47	535080004	Fan Blade Adapter	1
48	555088003	Transmission Cover Plate	1
49	547099003	Trailing Shield	1
50	657980003	Loop Clamp	1
51	622754001	Door Axle	1
52	656460004	Linkage Bar	1
53	205908015	Rear Door w/ Label	1
54	687436002	Spring	1
55	318325010	Powerhead Assembly	1
56	513211004	Cord Clip	6

PARTS LIST — FIGURE B (CON'T)

KEY NO.	PART NO.	DESCRIPTION	QTY.
57	679075001	Hex Nut	1
58	662974001	Flange Nut	4
59	678279004	Cotter Pin	2
60	790055001	Cable Tie	2
61	699325001	Torsion Spring	1
62	569293001	Plug	2

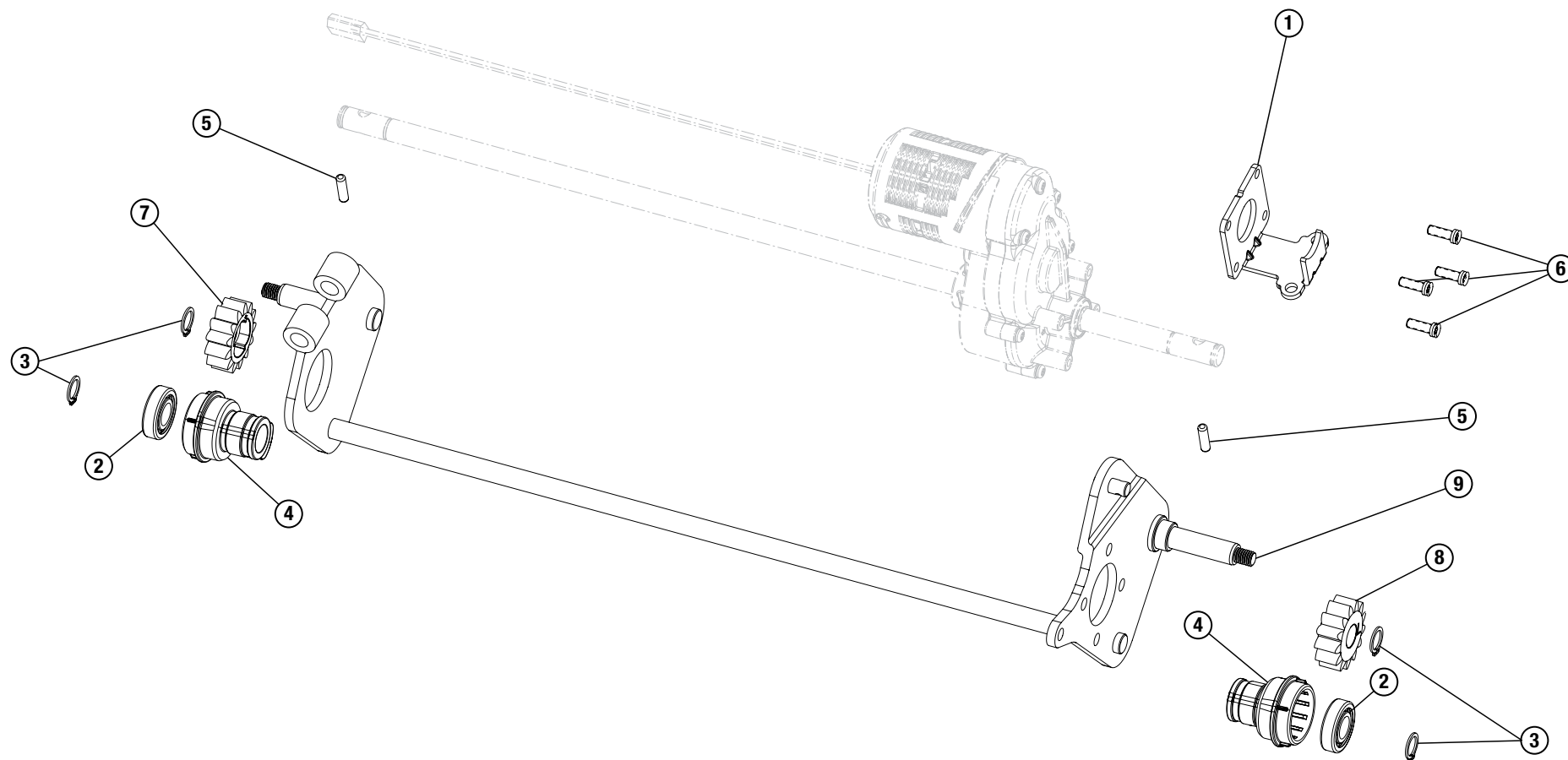
KEY NO.	PART NO.	DESCRIPTION	QTY.
63	678880001	E-Ring	3
64	790076002	Cable Clip	1
65	545111001	Right Height Adjustment Knob	1
66	658929009	Height Adjustment Handle Arm	1
67	545110001	Left Height Adjustment Knob	1
68	660004019	Screw (M3-1.058 x 12 mm)	2



PARTS LIST — FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	292636001	Key Terminal Wire	1
2	292163007	Battery Harness (Black, Blue, Brown)	1
3	292163006	Battery Harness (Black, Orange, Purple)	1
4	660024061	Screw (M4-1.8 x 14 mm, T20 Torx Hd.)	8
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	693525001	E-Clip	1
10	623618001	Pin (5 mm x 96.9 mm)	1

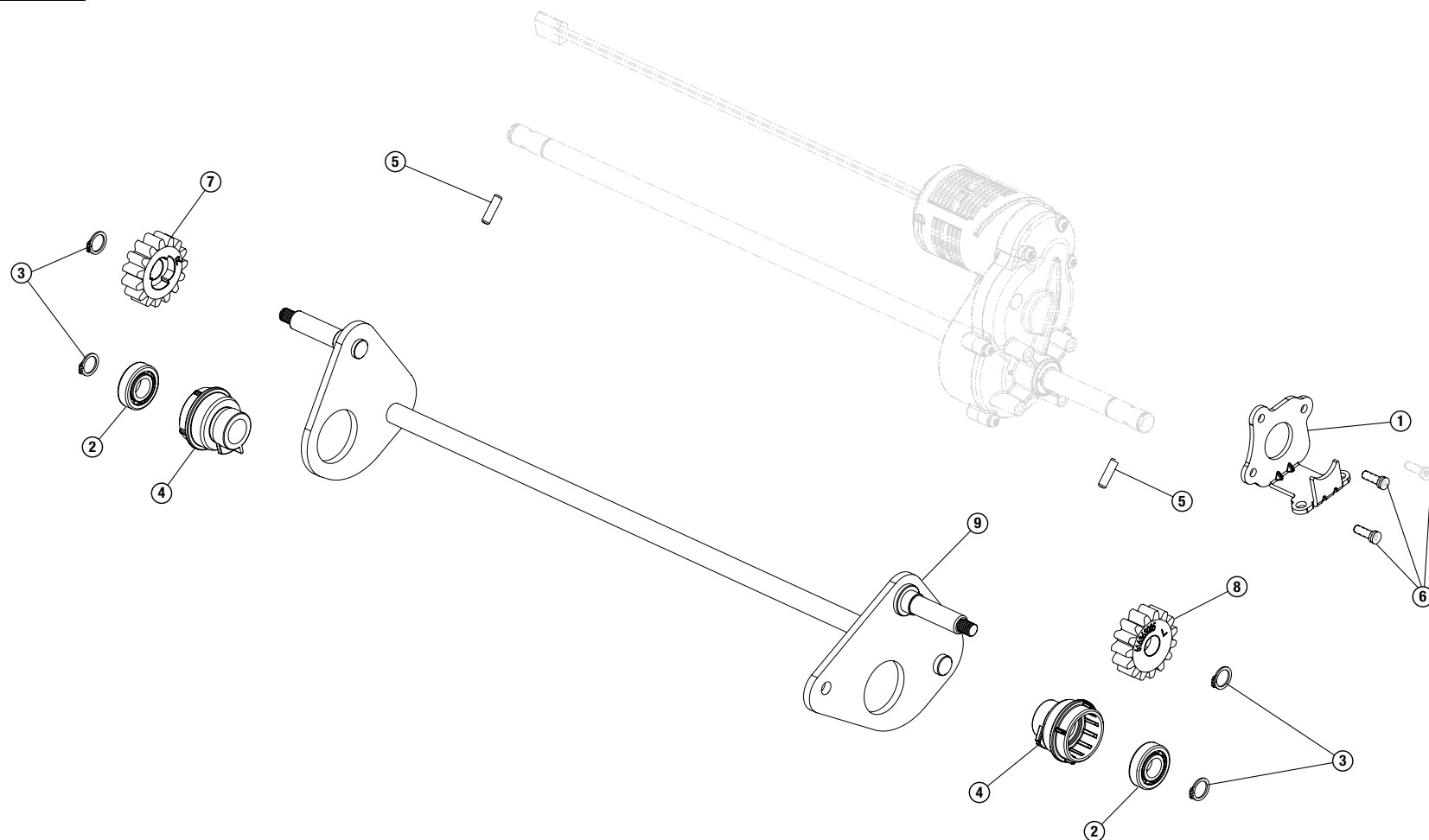
KEY NO.	PART NO.	DESCRIPTION	QTY.
11	205691012	Start Key	1
12	526912001	Key Base	1
13	553579002	Battery Door Hinge	1
14	553422007	Battery Door Cover	1
15	318333010	Battery Cover	1
16	281660011	Circuit Board Assembly, LED	1
17	205908019	Battery Housing w/ Labels	1
18	513211004	Cord Clip	4
19	661189003	Screw (M4 x 18 mm)	3



PARTS LIST — FIGURE D

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	See Fig A	Connecting Plate	1
2	682164001	Ball Bearing	2
3	690698001	Retaining Ring	4
4	554140001	Bearing Cup	2
5	622068004	Dowel Pin	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
6	660927002	Screw (M5 x 14.5 mm, T20 Torx Hd.)	4
7	616363002	Right Drive Gear	1
8	616363003	Left Drive Gear	1
9	657047005	Rear Axle	1

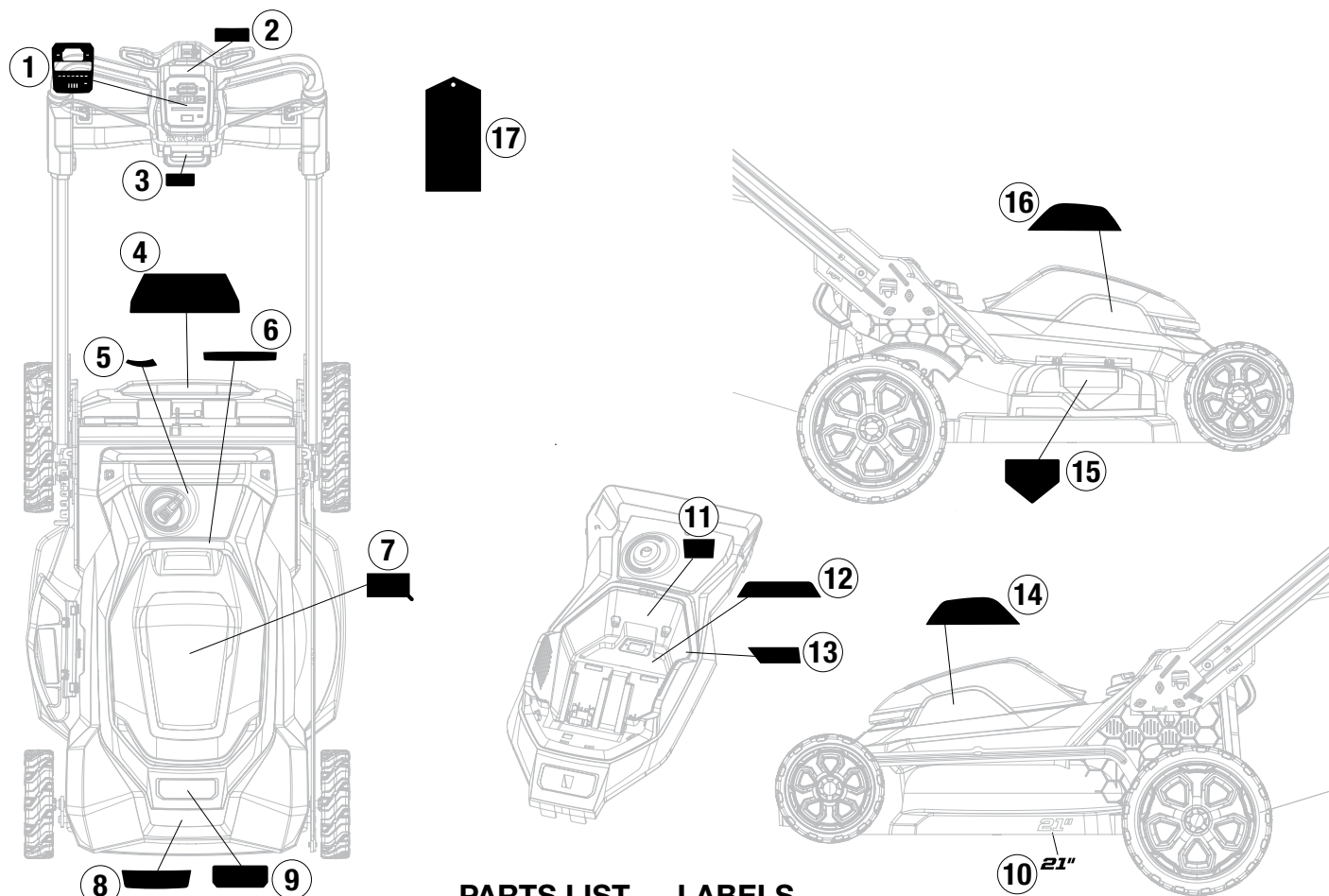


PARTS LIST — FIGURE D

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	See Fig A	Connecting Plate	1
2	682164001	Ball Bearing	2
3	690698001	Retaining Ring	4
4	554140001	Bearing Cup	2
5	622068004	Dowel Pin	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
6	660927002	Screw (M5 x 14.5 mm, T20 Torx Hd.)	3
7	616363004	Right Drive Gear	1
8	616363005	Left Drive Gear	1
9	656307002	Front Axle	1

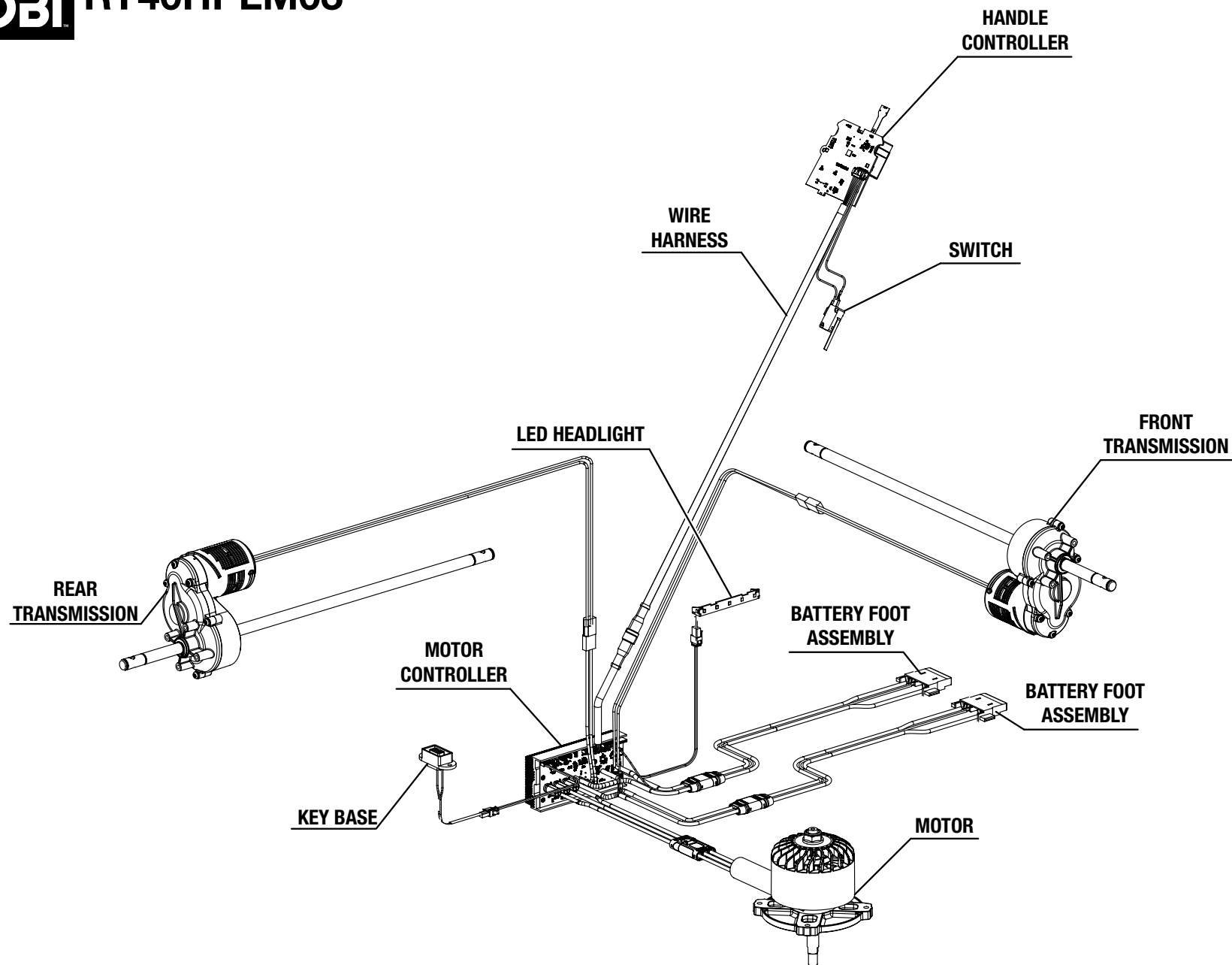
RYOBI RY40HPLM03



PARTS LIST – LABELS

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	940779976	Console LED Label	1
2	940779837	Starting Instructions Label	1
3	940779838	One Touch Label	1
4	941097095	Danger Door Label	1
5	940779825	Mulch Door Label	1
6	940779821	Icon Label	1
7	940779917	Battery Usage Temporary Label	1
8	940779978	Whisper Label	1
9	940779436	Ryobi 40V HP Standard Label	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
10	940168021	21 in. Label	1
11	940168024	QR Code Start Key Label	1
12	940779823	Start Key Warning Label	1
13	940779822	Battery Wet Warning Label	1
14	940779833	Cross Cut Hero Label	1
15	941641001	No Hands/Feet Danger Label	1
16	940779834	Cross Cut Non Hero Label	1
17	918016155	Handle Instructions Hangtag	1



WIRING DIAGRAM