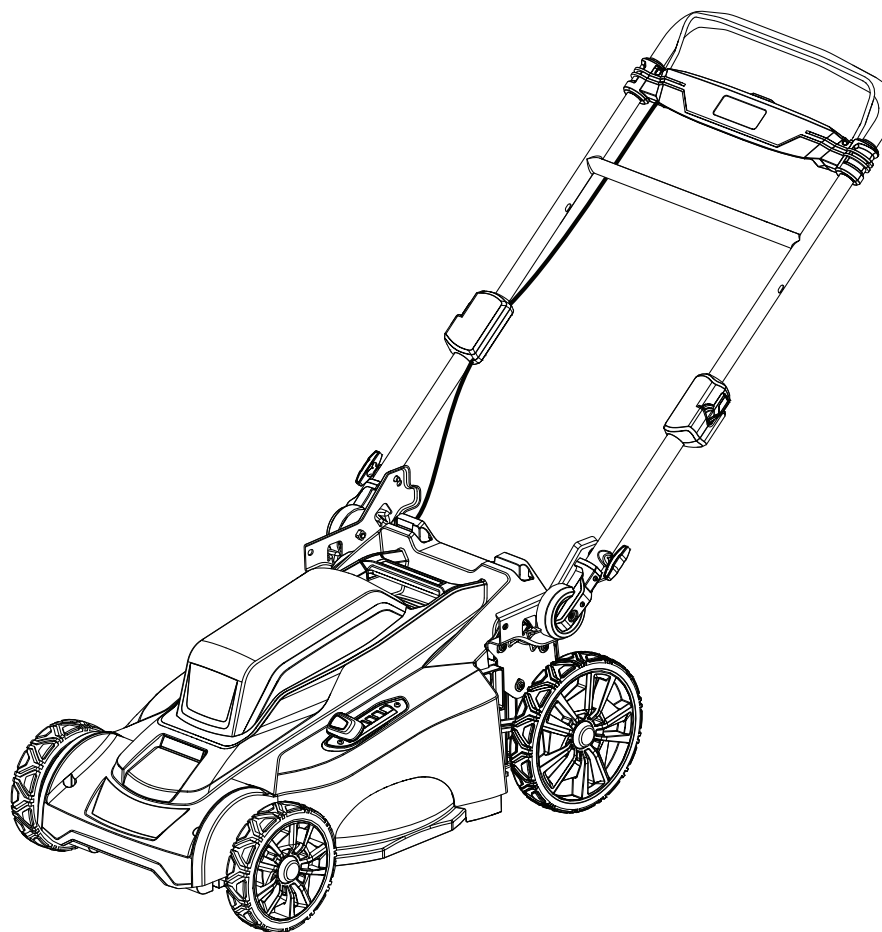


REPAIR SHEET

BRAND RYOBI		DESCRIPTION 40 Volt 20 in. Lawn Mower
MODEL NO. RY401011 RY401011VNM	MFG. NO. 107204001 107204101	



TECHTRONIC INDUSTRIES POWER EQUIPMENT

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

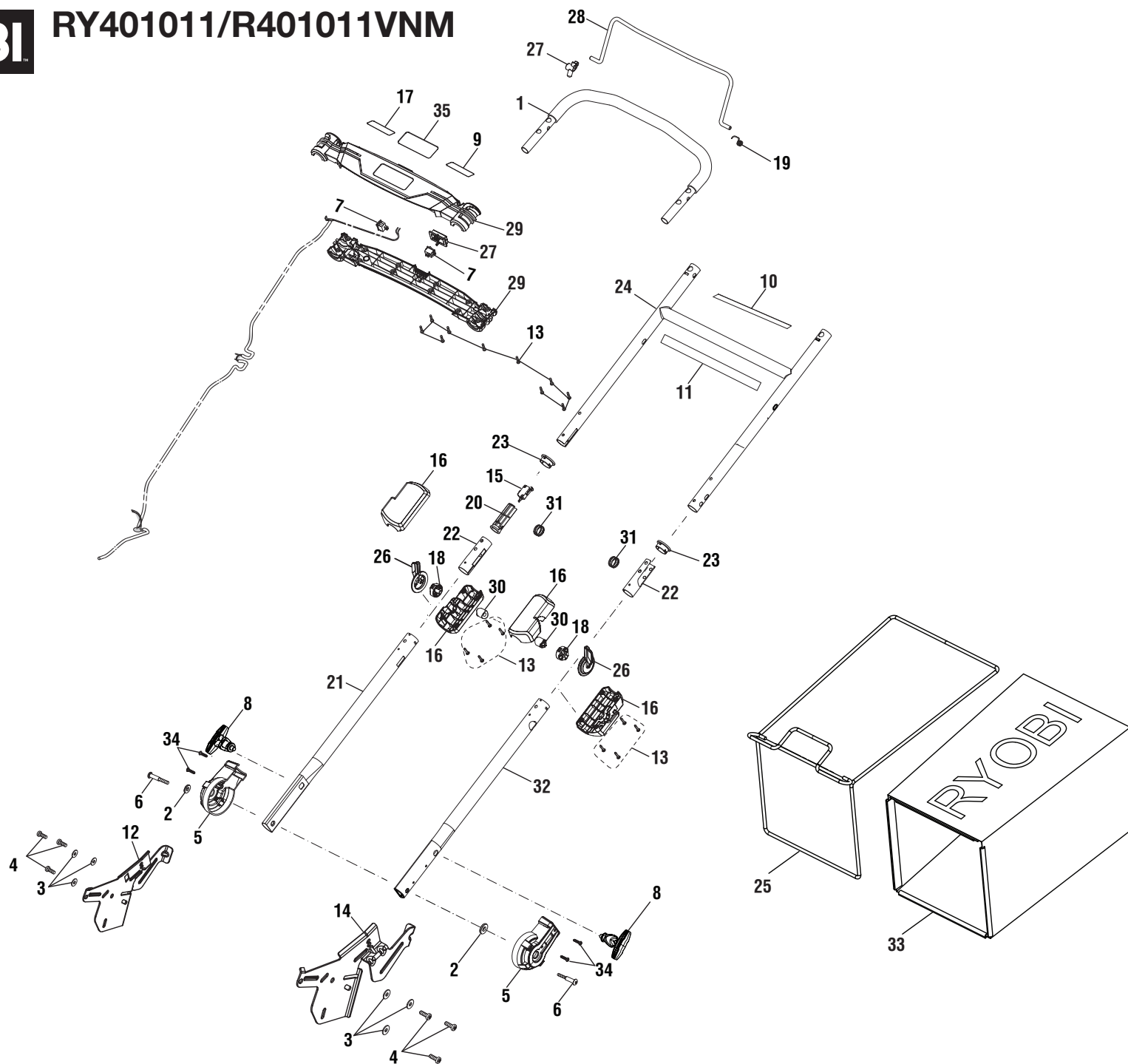
9-14-21 (Rev:04)

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.



RY401011/R401011VNM

FIGURE A





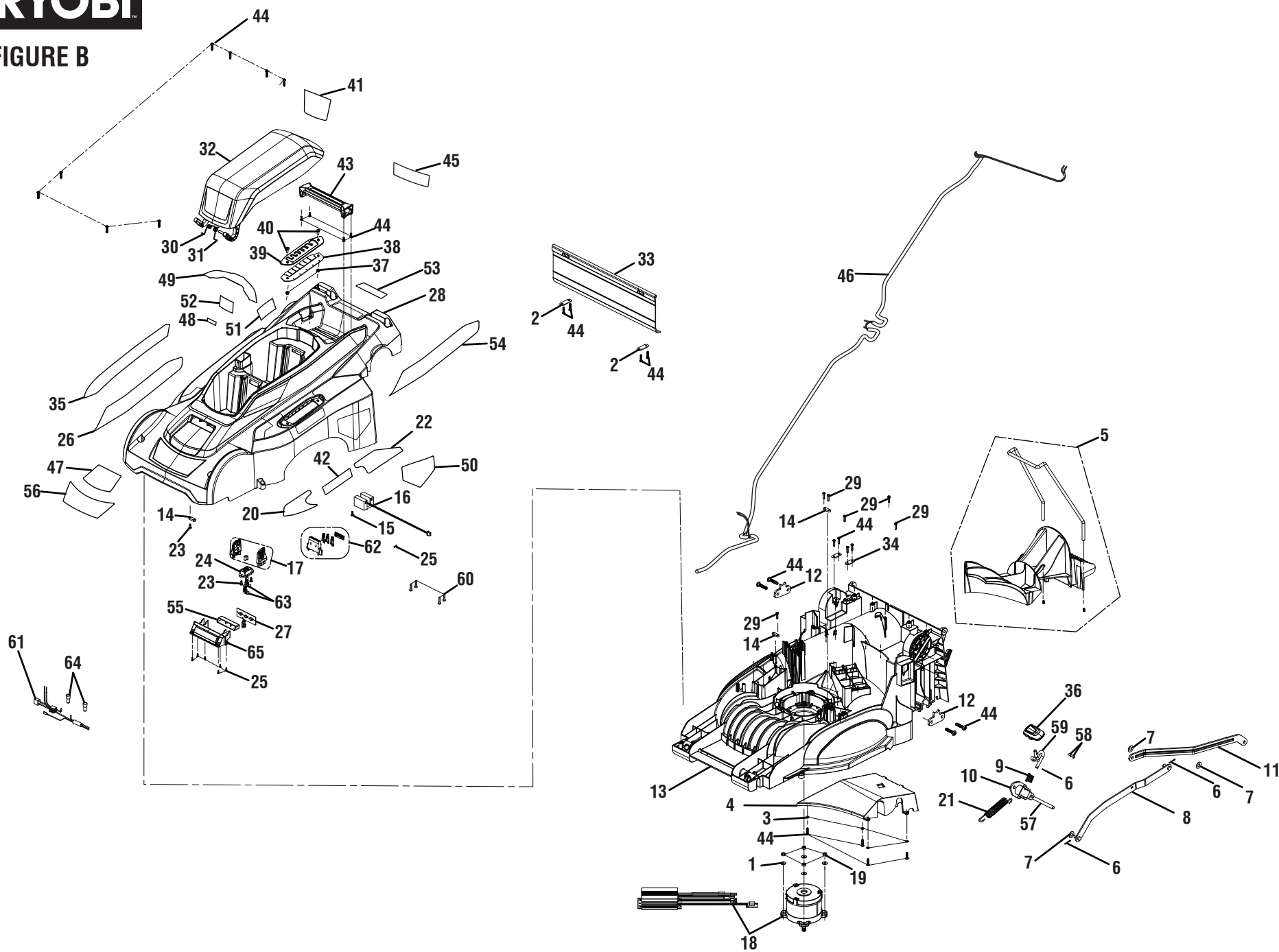
RY401011/R401011VNM

PARTS LIST — FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	311313001	Upper Handle and Foam Grip Assembly	1
2	636233001	Washer (ID8.5 x OD20.5 x 2t)	2
3	638387002	Washer (1/4 in.)	6
4	664004003	Screw (1/4-15 x 22 mm, T30 Torx Pan Hd.)	6
5	538869001	Hinge Cover	2
6	661706002	Shoulder Screw (M8 x 33 mm, T40 Torx Hd.)	2
7	760961002	Switch	2
8	311620004	Spring Pin Adjustment Assembly	2
9	940851133	Start Label (Left)	1
10	940851125	Lithium Label	1
11	940851178	Handle Extended Label	1
12	658716001	Height Adjustment Bracket (Right)	1
13	661189003	Screw (M4 x 18 mm, T20 Torx Pan Hd.)	22
14	658717001	Height Adjustment Bracket (Left)	1
15	760551002	Switch	1
16	205213001	Handle Latch Housing Assembly	2
17	940851127	Start Label (Right)	1
18	536919002	Side Compression Disc Holder	2
19	695036001	Torsion Spring	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
20	533467001	Switch Plug Housing	1
21	698135001	Lower Handle Tube (Right)	1
22	537295001	Handle Tube Bushing (Large)	2
23	529327001	Handle Tube Bushing (Small)	2
24	205276001	Upper Handle Tube (Inc. Key Nos. 10-11)	1
25	658015002	Bag Frame	1
26	536916003	Handle Latch	2
27	205275001	Actuator Switch and Safety Button Assembly	1
28	695004003	Bail Handle	1
29	205274001	Upper Panel Assembly (Inc. Key Nos. 9, 17 & 35)	1
30	565045001	Rubber Compression Disc	2
31	697483001	Compression Spring	2
32	698136001	Lower Handle Tube (Left)	1
33	903775001	Bag	1
34	660563002	Screw (M4 x 20 mm, T20 Torx Pan Hd.)	4
35	940020026	Logo Label	1
	Not Shown:		
	995000921	Operator's Manual	

FIGURE B





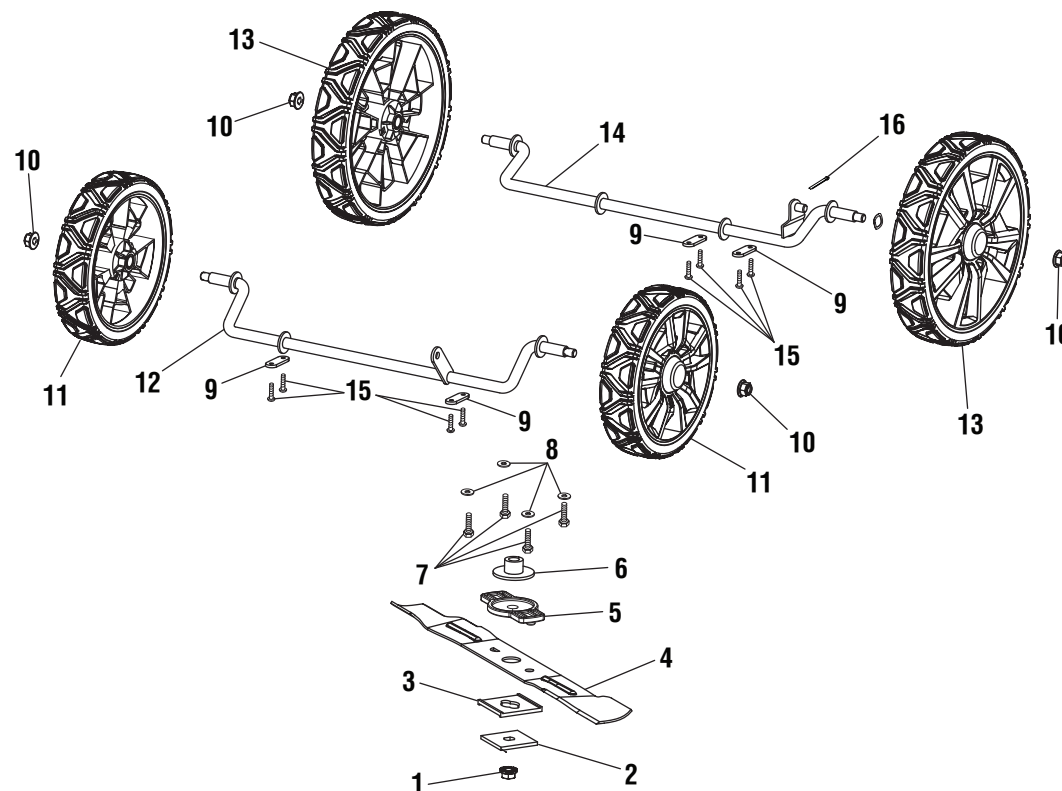
RY401011/R401011VNM

PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	638557001	Washer (ID6.2 x OD15 x 0.08t)	4
2	639116003	Axle Pressure Plate	2
3	636062001	Washer (ID4.5 x OD10 x 1t)	4
4	527548003	Baffle	1
5	205206001	Mulching Plug (Inc. Key No. 20)	1
6	678279004	Cotter Pin	3
7	639013001	Washer (ID8.4 x OD18 x 1t)	3
8	673931001	Front Lift Rod	1
9	679992001	Torsion Spring (Height Adjustment)	1
10	639203003	Height Adjustment Bracket	1
11	635379005	Rear Lift Rod	1
12	639116002	Axle Mount	2
13	529757002	Deck	1
14	513211001	Cord Clip	3
15	660345009	Screw w/Washer (M4 x 10 mm)	1
16	890050001	Grass Bag Sensor Switch	1
17	205279001	Start Key	1
18	292146001	Motor and Controller Assembly	1
19	680196006	Hex Nut (M6)	4
20	941851272	Black Accent (Front)	1
21	694052001	Retention Spring	1
22	941851276	Height Adjustment Label	1
23	660608001	Screw (M4 x 12 mm)	3
24	526912001	Key Connector Base	1
25	660203001	Screw (M3 x 8 mm, Pan Hd.)	7
26	941851266	Brushless Label (Right)	1
27	280821001	LED Control Board	1
28	205278001	Deck Cover (Inc. Key Nos. 22, 26, 28, 35, 42, 45, 47-49, 50-56 & 67)	1
29	660608002	Screw (M4 x 16 mm)	6
30	697546001	Torsion Spring (Right)	1
31	697547001	Torsion Spring (Left)	1
32	205204001	Battery Cover (Inc. Key No. 41)	1
33	534779001	Rear Protective Guard	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
34	639125002	Pressure Plate (Height Adjustment)	2
35	941851270	Black Accent (Side)	1
36	529656003	Height Adjust Handle	1
37	678509001	Hex Lock Nut (M5)	2
38	563454001	Dust Gasket	1
39	635382001	Height Adjustment Plate	1
40	660713001	Screw (M5 x 16 mm, Soc. Hd.)	2
41	941016024	Danger/Warning Label (French/Spanish)	1
42	941851275	Cut Height Label	1
43	537116001	Carrying Handle	1
44	660563002	Screw (M4 x 20 mm, T20 Torx Pan Hd.)	28
45	941016021	Danger/Warning Icon Label (English)	1
46	292139001	Wiring Harness	1
47	941016027	40V Lithium Label	1
48	940851500	On Board Battery Storage Label	1
49	941016032	Start Key Warning Label	1
50	941641001	No Hands Label	1
51	941851267	Data Label (RY401011)	1
	941588470	Data Label (RY401011VNM)	1
52	941061031	Wet Condition Battery Warning Label	1
53	941511038	Bag Attachment Callout Label	1
54	941851274	Brushless Label (Left)	1
55	537117001	LED-Reflective	1
56	941851265	40V Brushless Label (Front)	1
57	639122001	Height Adjust Axle	1
58	664021001	Screw (M3 x 10 mm)	2
59	637031003	Lift Arm	1
60	661189002	Screw (M4 x 10 mm, T15 Torx Pan Hd.)	4
61	291560005	Inner Wire w/Terminal	1
62	311209001	Battery Hold Assembly	1
63	639178001	Female Terminal	4
64	870601002	Close-End Connector	2
65	537118001	LED Cover	1

FIGURE C



PARTS LIST – FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	679075001	Hex Nut (M10, Flange)	1
2	639118001	Blade Retainer	1
3	526920002	Spacer	1
4	682162001	Blade	1
5	535080001	Blade Holder	1
6	613427001	Motor Shaft Bushing	1
7	660722002	Bolt (M6 x 26 mm, Hex Hd.)	4
8	638557001	Washer (ID6.2 x OD15 x 0.08t)	4

KEY NO.	PART NO.	DESCRIPTION	QTY.
9	639116003	Axle Pressure Plate	4
10	678774012	Lock Nut (M8, Flange)	4
11	330073011	Front Wheel Assembly	2
12	696316001	Front Wheel Axle	1
13	330072007	Rear Wheel Assembly	2
14	696318001	Rear Wheel Axle	1
15	660563002	Screw (M4 x 20 mm, T20 Torx Pan Hd.)	8
16	678279004	Cotter Pin	1



RY401011/R401011VNM

WIRING DIAGRAM

