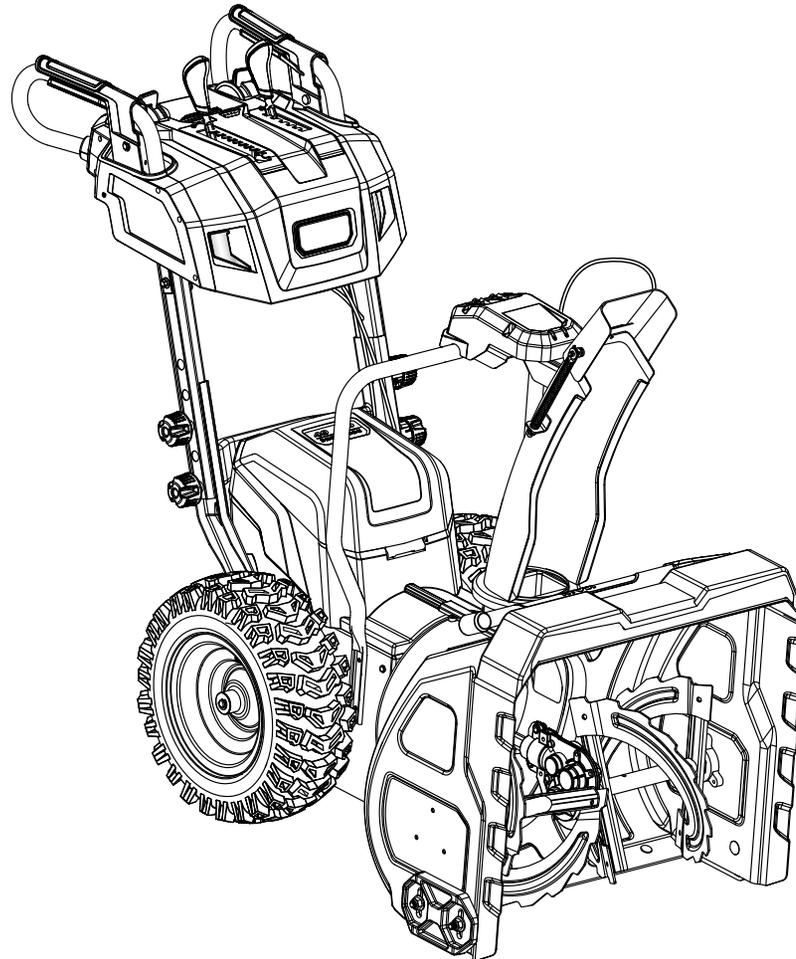


REPAIR SHEET

BRAND RYOBI		DESCRIPTION 40 Volt Brushless Snow Blower
MODEL NO. RY40807 RY40807VNM	MFG. NO. 107612001 108612001	

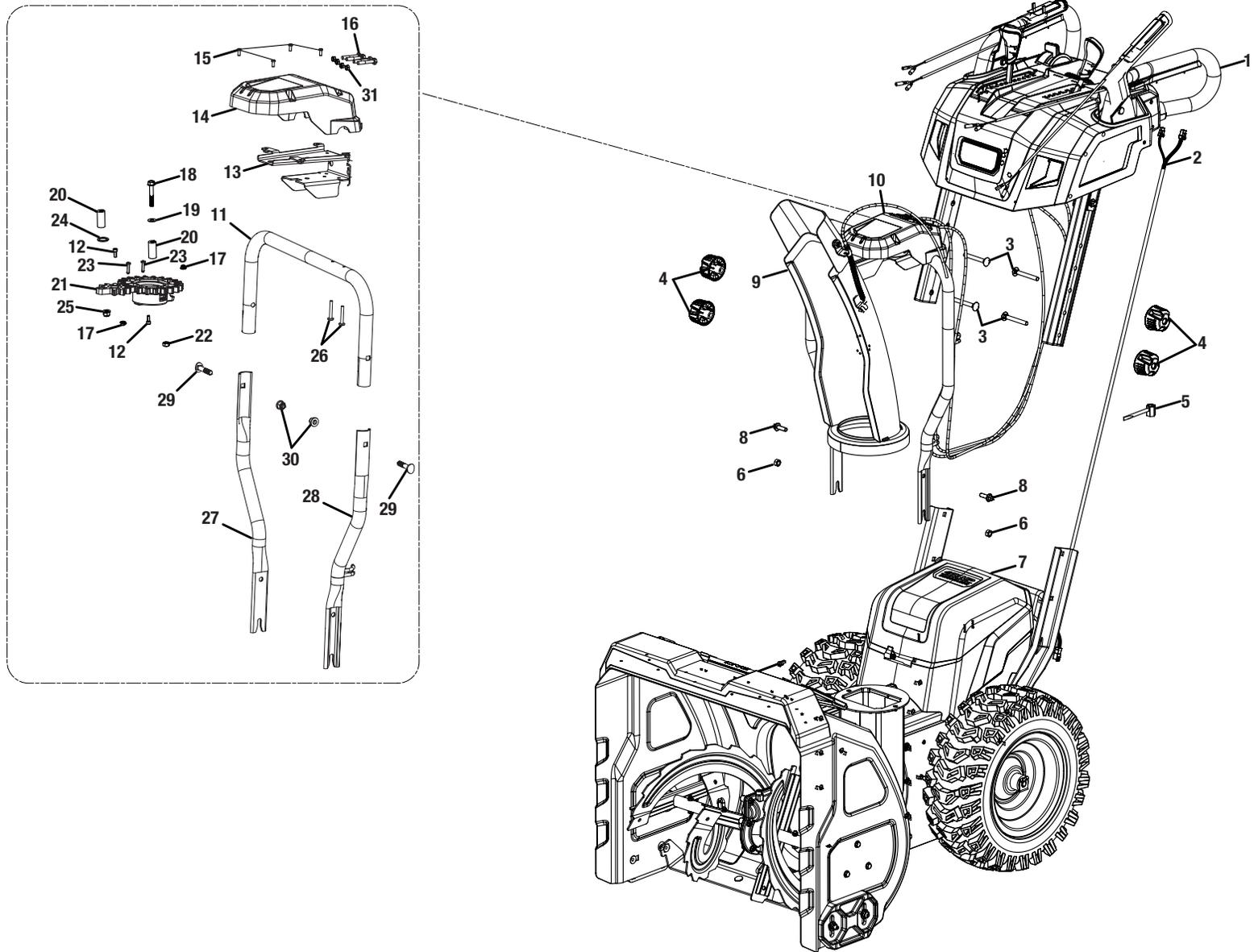


TTI OUTDOOR POWER EQUIPMENT, INC.

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

1-31-25 (Rev:07)

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.



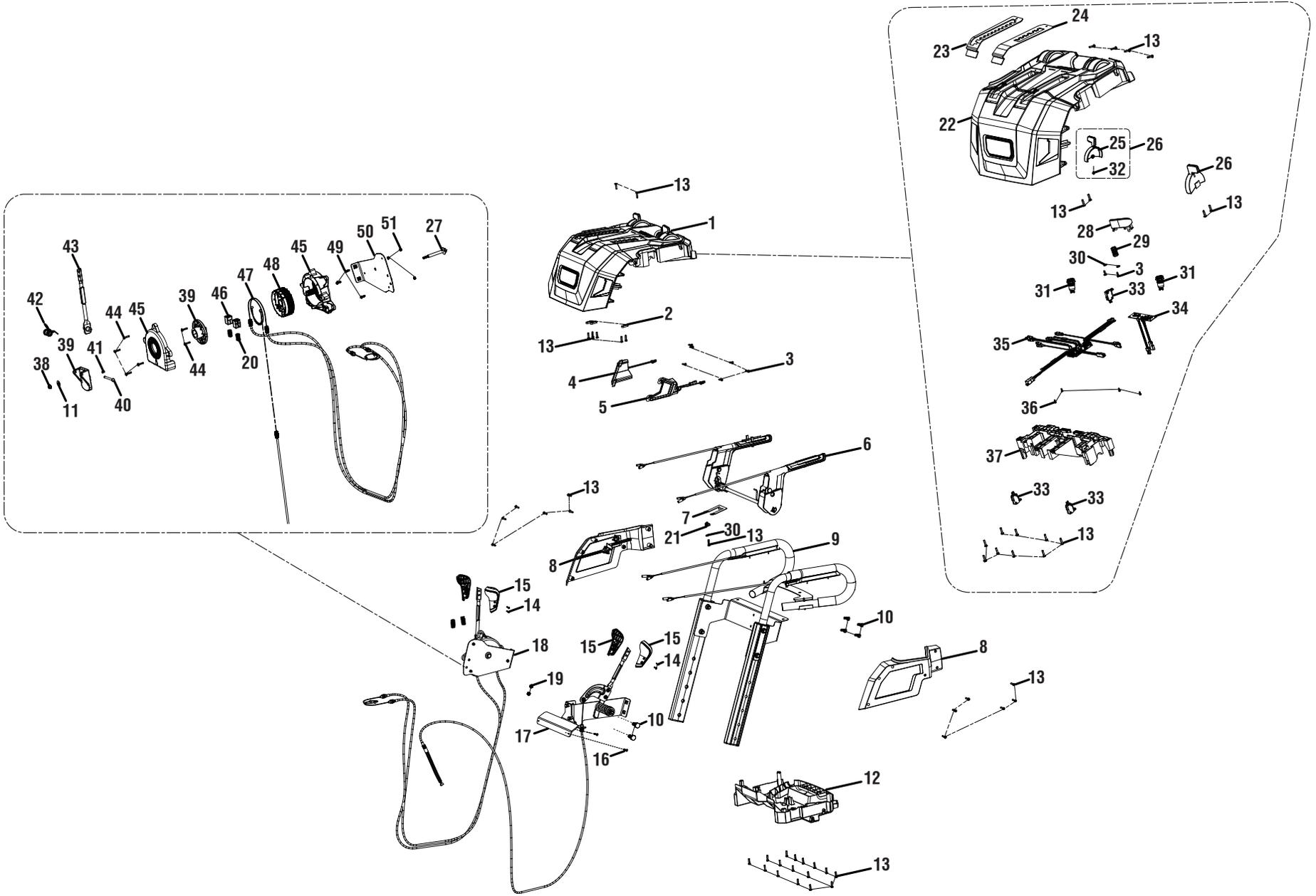


RY40807/ RY40807VNM

PARTS LIST-FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	318482001	Upper Handle Assembly	1
2	292369001	Electrical Wire Assembly	1
3	661526008	Shoulder Screw (M8 x 65 mm)	4
4	543990001	Knuckle Knob	4
5	612330001	Wrench	1
6	678355002	Hex Nut (M8 x 1.25 mm)	2
7	318474001	Down Body Assembly	1
8	660203091	Screw (M8 x 25 mm)	2
9	318493001	Chute Assembly	1
10	318494001	Deflector Rotation Support Assembly	1
11	683695001	Top Tube	1
12	661600001	Screw (M5 x 14 mm, T25 Torx Pan Hd.)	2
13	656288001	Chute Rotation Bracket	1
14	544064001	Deflector Gear Cover	1
15	660878001	Screw (M4 x 10 mm, Pan Hd.)	4
16	663095002	Shear Bolt (M6 x 35 mm)	4
17	678774007	Flange Nut (M5)	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
18	660969001	Screw (M8 x 50 mm)	2
19	639013001	Washer (ID8.4 x OD18 x 1t)	1
20	205954001	Pivot and Bushing Assembly	2
21	205955001	Cable Drum Assembly	1
22	678355002	Nut (M8 x 1.25 mm)	1
23	660466001	Screw (M4 x 18 mm, T20 Torx Pan Hd.)	2
24	636793001	Washer (ID17.5 x OD24 x 1.5 mm)	1
25	678774002	Lock Nut (M8 x 1.25 mm)	2
26	662466005	Screw (M5 x 35 mm, T25 Torx Pan Hd.)	2
27	683697001	Right Tube	1
28	683696001	Left Tube	1
29	662104005	Carriage Bolt (M8 x 42 mm)	2
30	678774012	Lock Nut (M8)	2
31	678460002	Lock Nut (M6)	4
	Not Shown:		
	998000677	Operator's Manual	





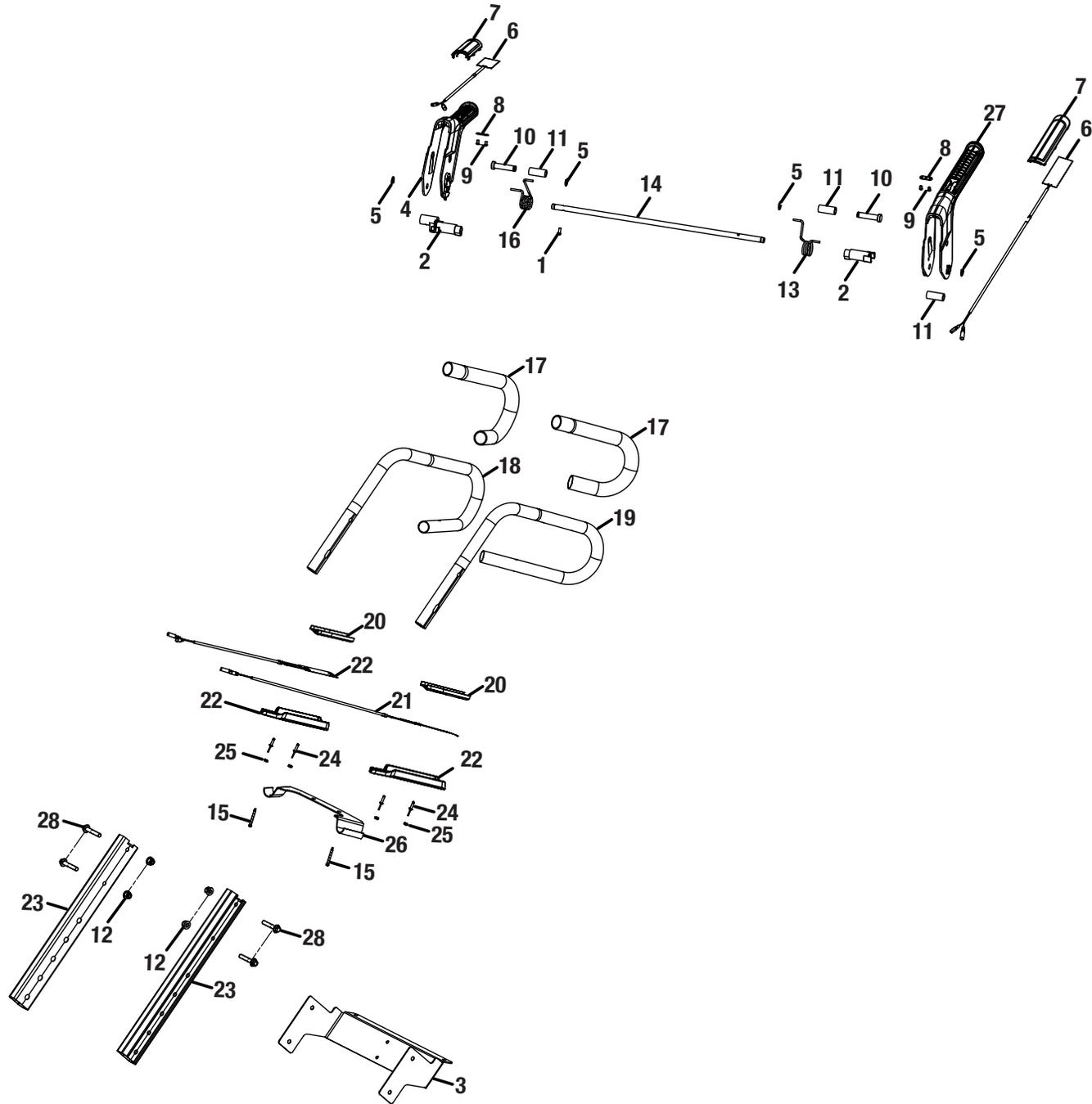
RY40807/ RY40807VNM

PARTS LIST-FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	205711006	Upper Handle Control Plate Assembly	1
2	513211001	Cord Clip	4
3	660608001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	8
4	318235001	Light Bar Assembly (Right - See Note)	1
5	318240001	Light Bar Assembly (Left- See Note)	1
6	205929002	Paddle Interlock Master Assembly	1
7	656264001	Interlock Spring	1
8	205941001	Control Panel Side Cover	2
9	318490001	Handle Bracket Assembly	1
10	660481005	Screw (M4 x 14 mm)	6
11	639013001	Washer (ID 8.4 x ODf8 x 1t)	1
12	544070001	Control Panel Base	1
13	660466001	Screw (M4 x 18 mm, Double Thread T20 Torx Pan Hd.)	54
14	660004019	Screw (M4 x 12 mm)	4
15	205964001	Height Adjustment Assembly	4
16	662083002	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	2
17	318489001	Upper Deflector Adjust Assembly	1
18	318487001	Upper Chute Control Assembly	1
19	678460002	Nylon Lock Nut M6	2
20	683157001	Cable Drum Spring	2
21	656404001	Spring Clamp	1
22	205966001	Control Panel Cover with Labels	1
23	656255001	Chute Rotation Lock Plate	1
24	656254001	Deflector Height Adjust Lock Plate	1
25	318492001	Speed Control Paddle Bottom Assembly	2
26	205952001	Speed Control Paddle Bottom Assembly (Inc Key Nos. 25 & 32)	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
27	622961001	Bolt (M5)	1
28	544076001	Safety Button	1
29	699893001	Safety Button Spring	1
30	690969001	Washer (ID4.2 x OD10 x 1t)	3
31	205967001	Control Panel Switch with Labels	1
32	660203001	Screw (M3 x 8 mm)	2
33	760746001	Micro Switch	3
34	281296001	Control Board, Battery And Display Assembly	1
35	281300001	Control Board Assembly	1
36	660203001	Screw (M4 x 8 mm)	4
37	544779001	Upper Handle Mounting Bracket	1
38	678774007	Flange Nut (M5)	1
39	205948001	Drum Assembly	1
40	622532002	Hinge Shaft	1
41	678353001	E-Ring	1
42	699712001	Chute Rotation Lever Torsion Spring	1
43	674299001	Bar Adjust	1
44	660466001	Screw (M4 x 18 mm, T20 Torx Pan Hd. Double Thread)	6
45	205947001	Upper Chute Rotation Assembly	1
46	539294001	Cable Tension Sleeve	2
47	292366001	Control Cable	1
48	537899001	Upper Cable Drum	1
49	660481027	Screw (M4 x 12mm, Pan Hd.)	3
50	656261001	Chute Adjust Support Bracket	1
51	678344002	Locking Nut (M4)	3

NOTE-Keys 4 And 5 Must Be Ordered Together



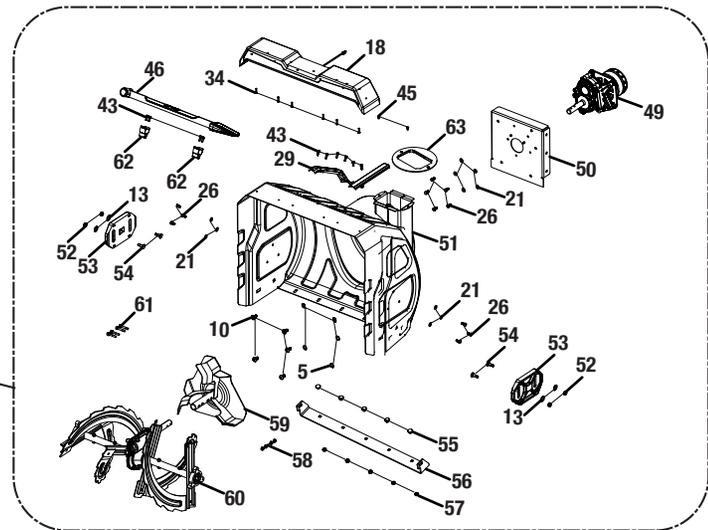
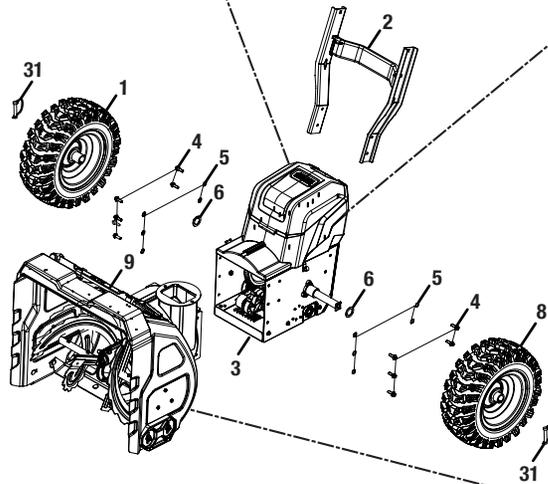
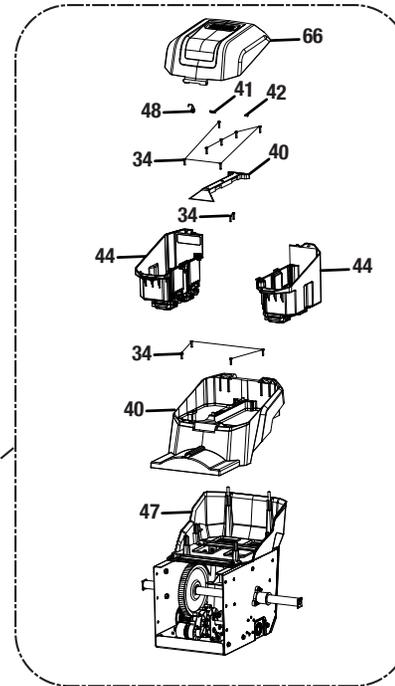
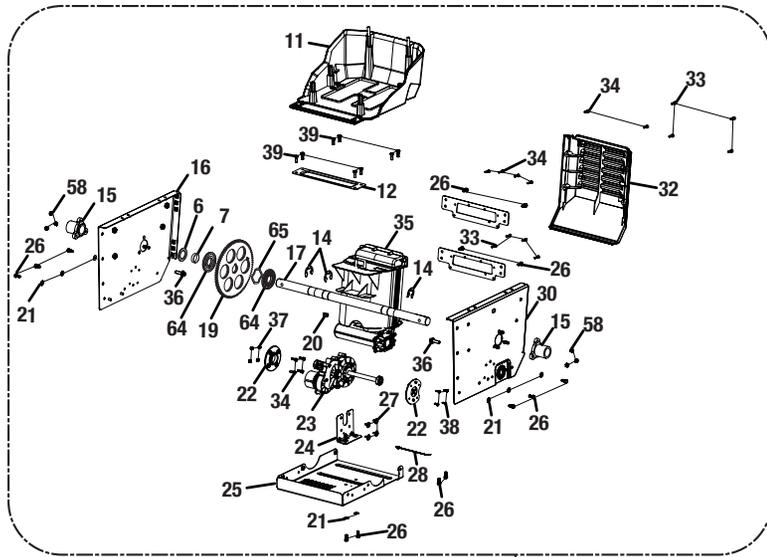


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PARTS LIST-FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	660878001	Screw (M4 x 10 mm, Pan Hd.)	2
2	205949001	Rod Assembly	2
3	656260001	Console Support Bracket	1
4	544200003	Right Paddle	1
5	679044001	E-Ring	4
6	890073004	Heating Element	2
7	545034002	Top Cover	2
8	656506001	Plate	2
9	T662107001	Screw (M4 x 6 mm, T10 Torx Pan Hd.)	4
10	T622960001	Paddle Stoper Pin	2
11		See Page 3, Key 23	
12	678774002	Nut (M8 x 1.25 mm)	4
13	699817001	Drive Paddle Torsion Spring	1
14	699816001	Paddle Rod Grip	1
15	660026007	Screw (M4 x 38 mm)	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
16	699818001	Drive Paddle Torsion Spring	1
17	566546001	Foam Tube	2
18	699642001	Handle (Right)	1
19	699641001	Handle (Left)	1
20	545126001	Lower Heated Grip	2
21	890073001	Heating Grips	2
22	205963001	Lower Heated Grip Assembly	2
23	683629001	Steel Tube	2
24	678002002	Rivet	4
25	566554001	Seal	4
26	656263001	Upper Handle Support	1
27	544072003	Left Paddle	1
28	661505004	Screw (M8 x 45 mm)	4



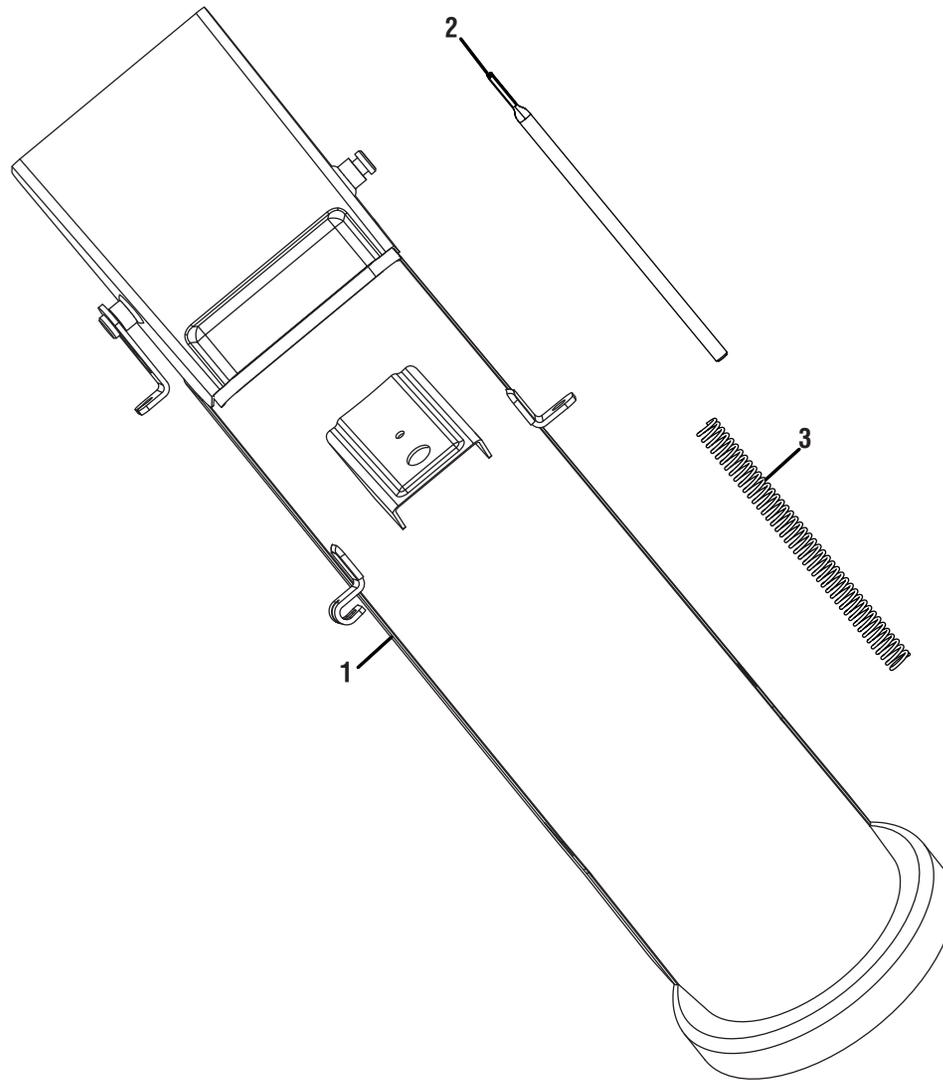


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PARTS LIST-FIGURE D

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	318384002	Right Wheel, Pinned	1
2	699638001	Handle Level Adjustment	1
3	205172006	Battery Box Assembly \ Spare Part	1
4	660203091	Screw (M8 x 25 mm)	10
5	638909005	Wave Washer (OD17.5 x ID13.3 x 1.5 t)	15
6	692019003	Washer (OD1.031 x ID1.57 x 0.60t)	3
7	684238001	Bushing Tube	1
8	317954005	Left Wheel, Pinned	1
9	318475001	Lower Deck Assembly	1
10	662160001	Screw W/Shoulder (M8 x 16 mm, T40 Torx Pan Hd.)	5
11	205969001	Battery Box Base w/Label	1
12	656086001	Cross Strut	1
13	636999001	Washer (M10)	4
14	656352001	E Ring	3
15	615154001	Axle Bushing	2
16	656085001	Side Panel (Right)	1
17	622962002	Pinned Axle	1
18	318252001	Led Light Bar	1
19	674515001	Big Gear	2
20	674401001	Key	1
21	638557001	Washer (OD15 x ID6.2 x 0.8t)	19
22	205957001	Bearing Support Assembly	1
23	318391001	Gear Box Assembly	1
24	656257001	Transmission Bracket	1
25	656088001	Bottom Panel	1
26	660481005	Screw (M6 x 14 mm)	27
27	662199001	Screw (M4 x 10 mm, T15 Torx Pan Hd.)	4
28	790062001	Clip	1
29	205950001	Wire Cover Assembly	1
30	656084001	Side Panel (Left)	1
31	674460001	Lynch Pin	2
32	544711001	Black Panel	1
33	661600001	Screw (M5 x 14 mm, T25 Torx Pan Hd.)	8

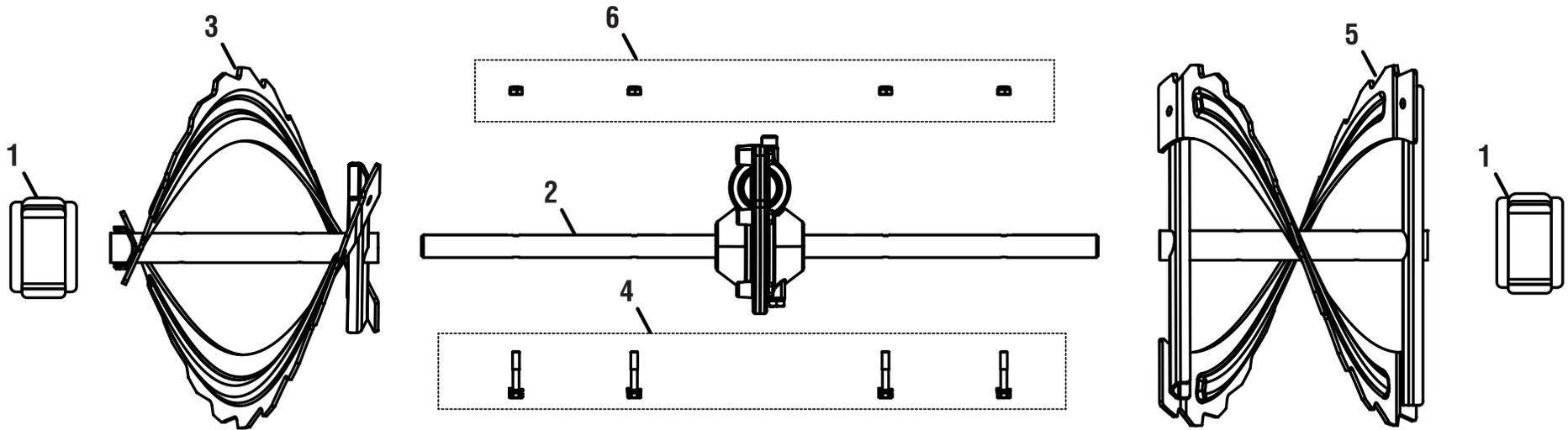
KEY NO.	PART NO.	DESCRIPTION	QTY.
34	660466001	Screw (M4 x 18 mm, T20 Torx Pan Hd.)	29
35	318478001	Heat Sink Assembly	1
36	660203091	Screw (M8 x 25 mm)	2
37	670974003	Nut (M5)	4
38	660608001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	4
39	660722001	Screw (M6 x 17 mm)	8
40	205960001	Battery Terminal Cover with Label	1
41	679073001	Battery Door Spring	1
42	621628001	Battery Door Axle	1
43	660901001	Screw (M5 x 14 mm, Pan Hd.)	10
44	205959001	Battery Box Assembly Assembly (See Fig. G)	2
45	662746002	Screw (M4 x 10 mm, Pan Hd.)	2
46	544062003	Snow Shovel	1
47	318477001	Chassis Assembly	1
48	679074006	Battery Door Torsion Spring	1
49	220757001	Gearbox Assembly	1
50	656087001	Adaptor Bracket	1
51	205968001	Deck w/Labels	1
52	678297002	Nut (M10)	4
53	543863001	Skid Shoe	2
54	663248001	Bolt (M10 x 30 mm)	4
55	662383003	Screw (M8 x 11 mm)	5
56	656090001	Scraper Blade	1
57	662828001	Nut (M8 x 4 mm)	5
58	678460002	Lock Nut (M6)	10
59	318027001	Impeller Welded Assembly	1
60	318382001	Scraper Assembly	1
61	663199001	Screw (M6.0x1-6g HEXH B)	4
62	656351002	Snow Shovel Base	2
63	544772001	Gasket	1
64	546731001	Gear Washer	2
65	656988001	Wave Washer	1
66	544068001	Battery Cover Assembly	1



PARTS LIST-FIGURE E

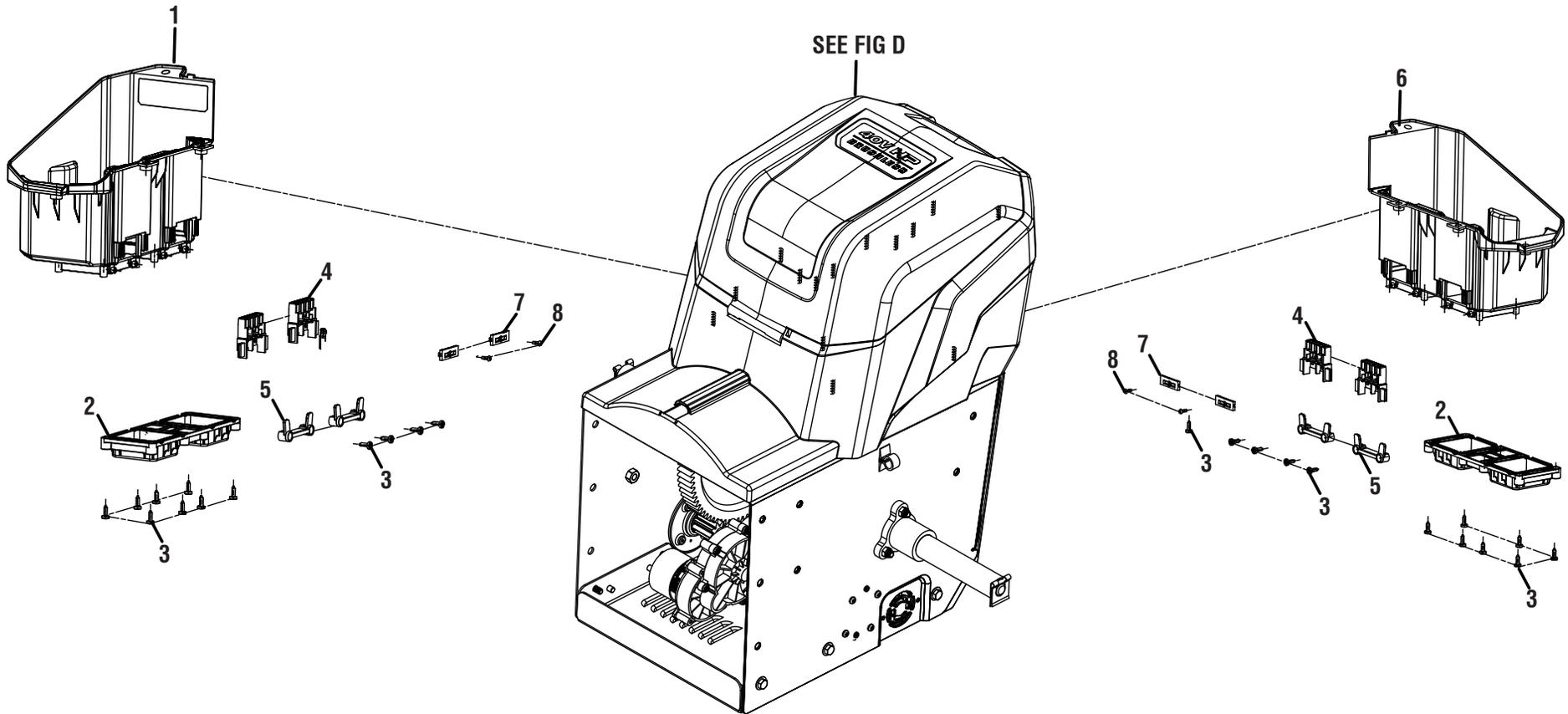
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	205965001	Chute w/Label	1
2	656277001	Deflector Spring Guide	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
3	699813001	Deflector Spring	1



PARTS LIST-FIGURE F

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	546615001	Auger Bearing Retainer Plate	2
2	220771001	Attached Auger Worm Gearbox Assembly	1
3	682574001	Auger Blade (Right)	1
4	663199001	Screw (M6.0x1-6g HEXH B)	4
5	682573001	Auger Blade (Left)	1
6	678460002	Lock Nut (M6)	4



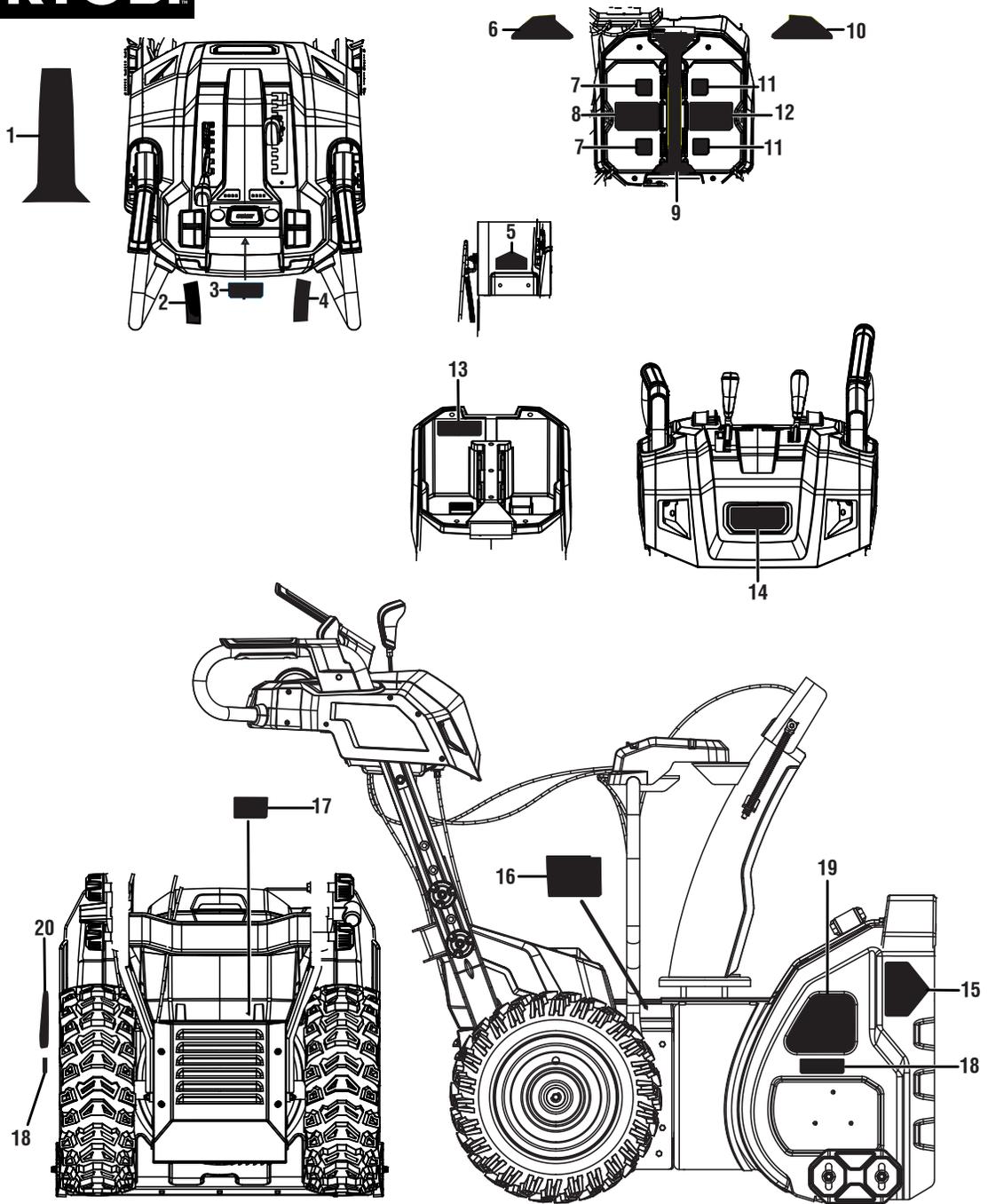
PARTS LIST-FIGURE G

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	318480001	Battery Box Assembly (Left, Key 44 On Pg. 8)	1
2	537745001	Battery Ejector Retainer	2
3	660608001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	24
4	525692001	Battery Contact Holder	4

KEY NO.	PART NO.	DESCRIPTION	QTY.
5	529299001	Terminal Holder Pressing Plate	4
6	318481001	Battery Box Assembly (Right, Key 44 On Pg. 8)	1
7	525651001	Battery Cover Connector	4
8	660203001	Screw (M3 x 8 mm, Pan Hd.)	4

NOTE-Keys 1 And 6 Must Be Ordered Together

RYOBI RY40807/ RY40807VNM

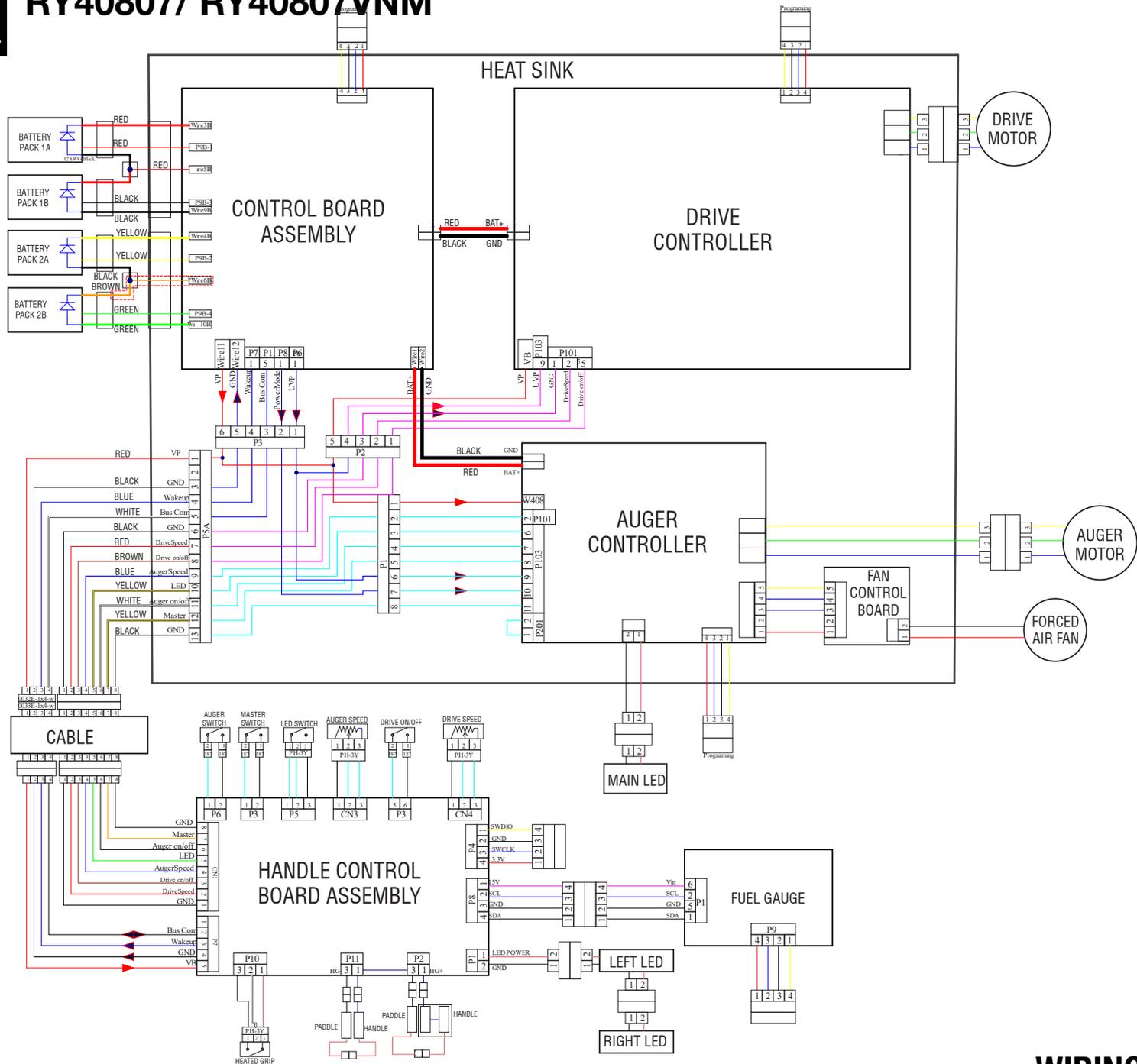


PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	940779434	Handle Controls / Fuel Gauge	1
2	940779433	Drive Speed Label	1
3	940779437	Starting Instructions	1
4	940779426	Auger Speed Label	1
5	940779624	Chute Icon Label	1
6	940779427	Battery Icon (Left)	1
7	940779429	A Label	2
8	940779431	A Min Battery Label	1
9	940779435	Qr Code / Center Label	1
10	940779428	Battery Icon (Right)	1
11	940779430	B Label	2
12	940779432	B Min Battery Label	1
13	941263003	Battery Notice	1
14	566603001	Rubber Ryobi 40V HP Badge	1
15	941641001	Cpsc Cut Finger	1
16	940779425	Icon / Danger / Caution Label	1
17	941097121	Data Label	1
18	940779438	Whisper Series Label	2
19	940779488	Auger Ryobi 40V HP	1
20	940779489	Auger Ryobi 40V HP	1



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