

REPAIR SHEET

BRAND

RYOBI

DESCRIPTION

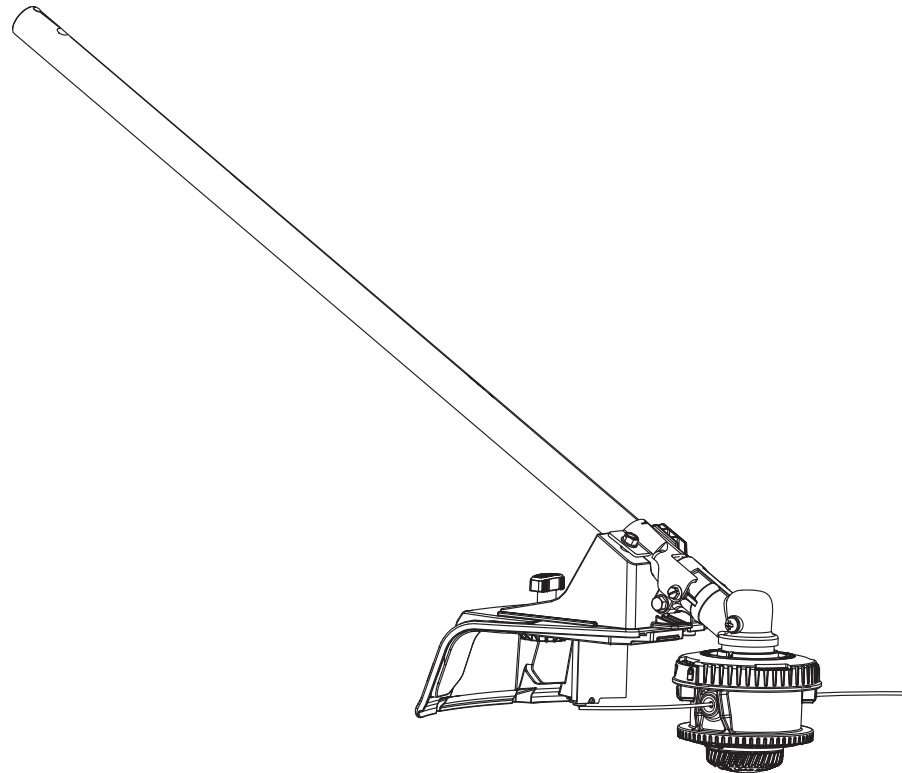
EXPAND-IT 16 in. 2 in 1 Straight Shaft Trimmer Head Accessory

MODEL NO.

A54ST02

MFG. NO.

315261006



TTI OUTDOOR POWER EQUIPMENT, INC.

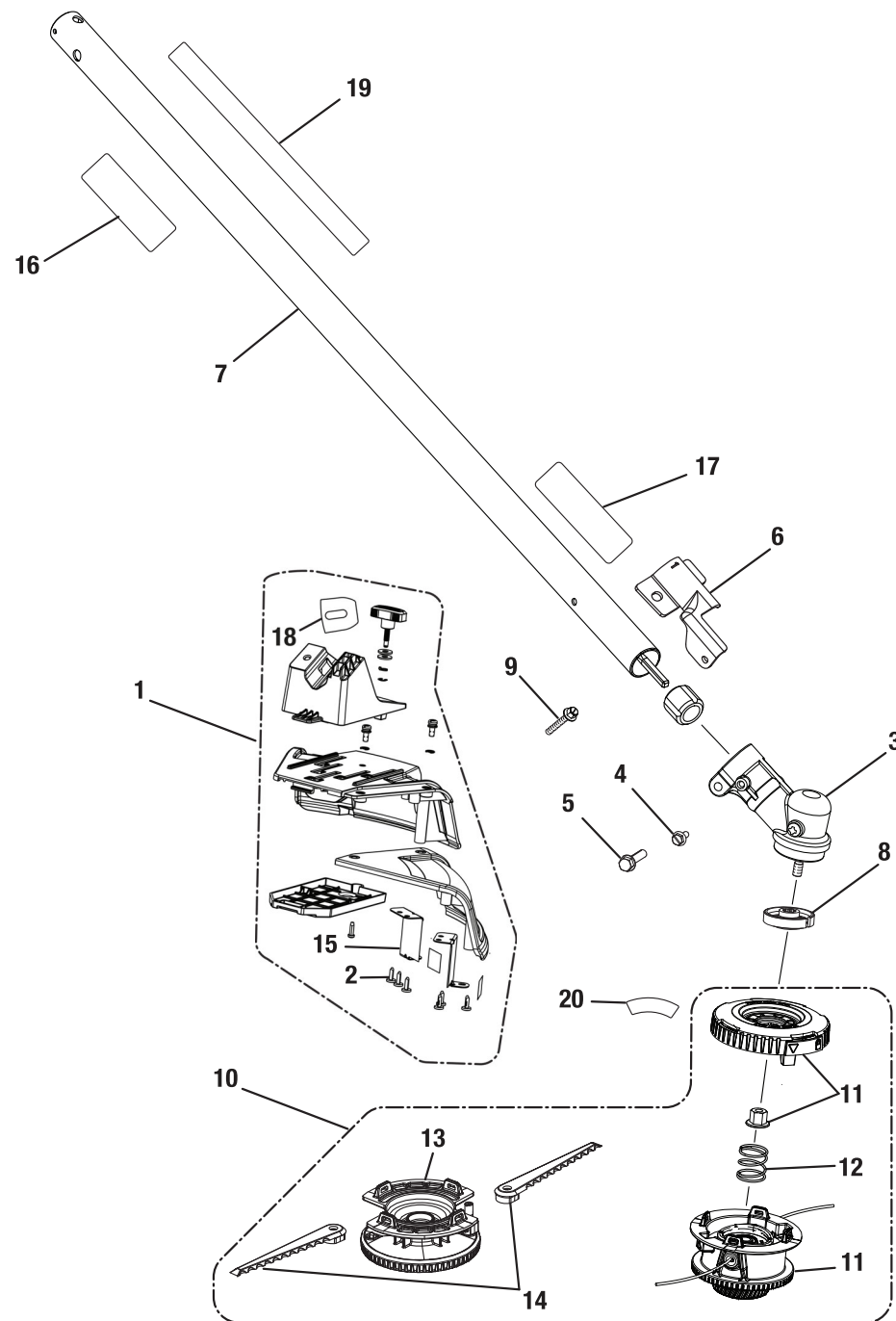
P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ www.ryobitools.com

1-04-24 (Rev:01)

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

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	205827002	Grass Deflector Assembly (Inc. Key No. 2, 9, 15 & 18)	1
2	660694001	Screw (#8-16 x 0.52 mm)	6
3	308210020	Gear Head Assembly	1
4	660641001	Screw (#10-24 x 0.625 in., Hex Conical Washer Hd.)	1
5	660642001	Screw (1/4-20 x 1.25 in., Hex Washer Hd.)	1
6	638125001	Grass Deflector Clamp	1
7	205671003	Straight Shaft Assembly (inc. Key No. 16, 17 & 19)	1
8	678011001	Flanged Washer	1
9	660738002	Screw (1/4-20 x 1.25 in., Hex Washer Hd.)	1
10	315614001	3-in-1 String Head Assembly (Inc. Key No. 11-14)	1
11	205840002	Bump Feed Trimmer Head Assembly (Inc. Key No. 12 & 20)	1
12	679958001	Compression Spring	1
13	314795002	Fixed Line and Blade Housing Assembly	1
14	537603002	Flail Blade	2
15	311843001	Line Cut Off Blade	2
16	941263399	Lower Boom Data Label	1
17	941263387	Lower Boom Warning Icon Label	1
18	941263400	Cutting Width Label	1
19	941588832	Carbon Fiber Label	1
20	941097129	Ryobi String Head Logo Label	1
	Not Shown:		
	999000283	Operator's Manual	



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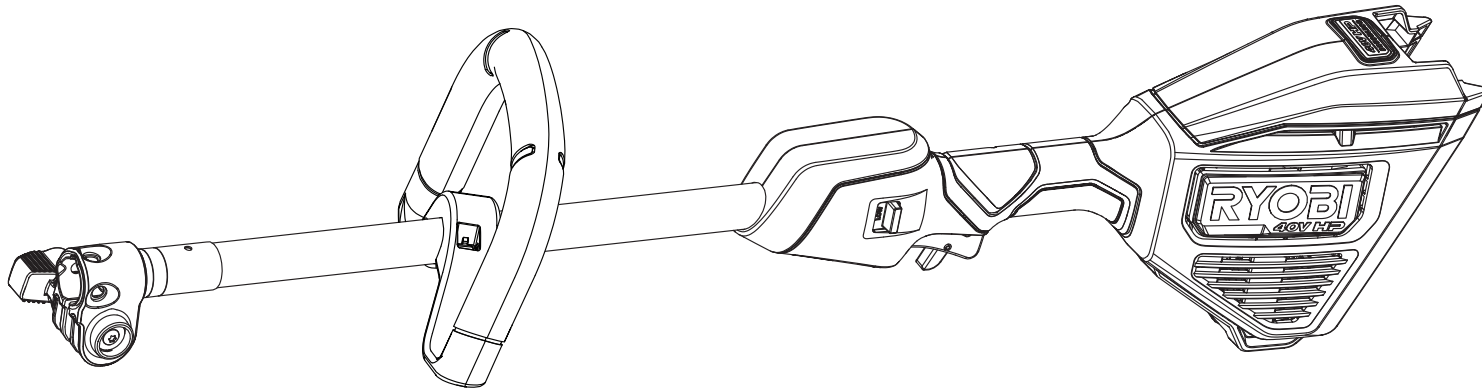
40 Volt Brushless Power Head

MODEL NO.

RY40HPPH01

MFG. NO.

317945003

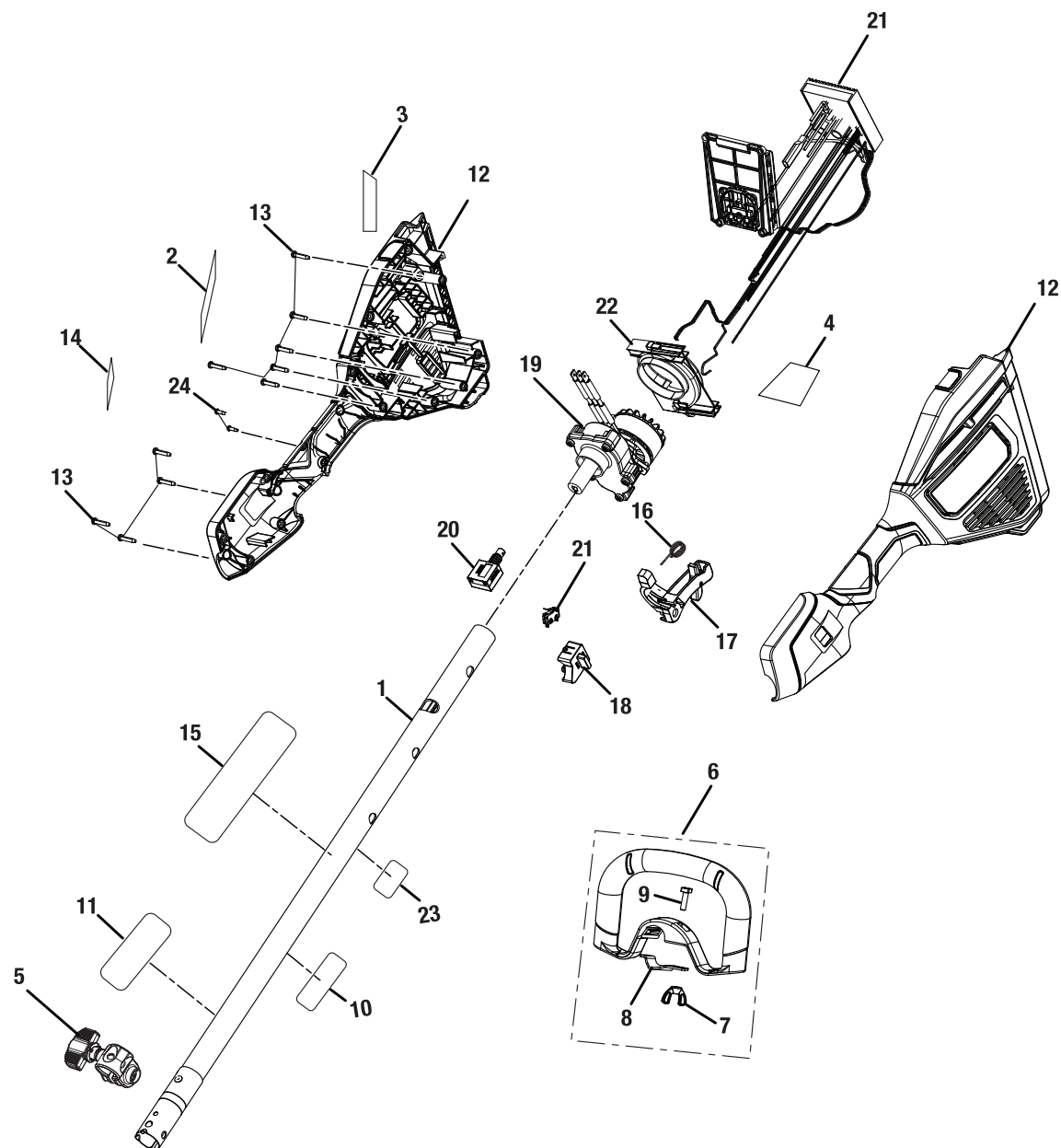


TECHTRONIC INDUSTRIES POWER EQUIPMENT

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

1-17-24 (Rev:01)

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.



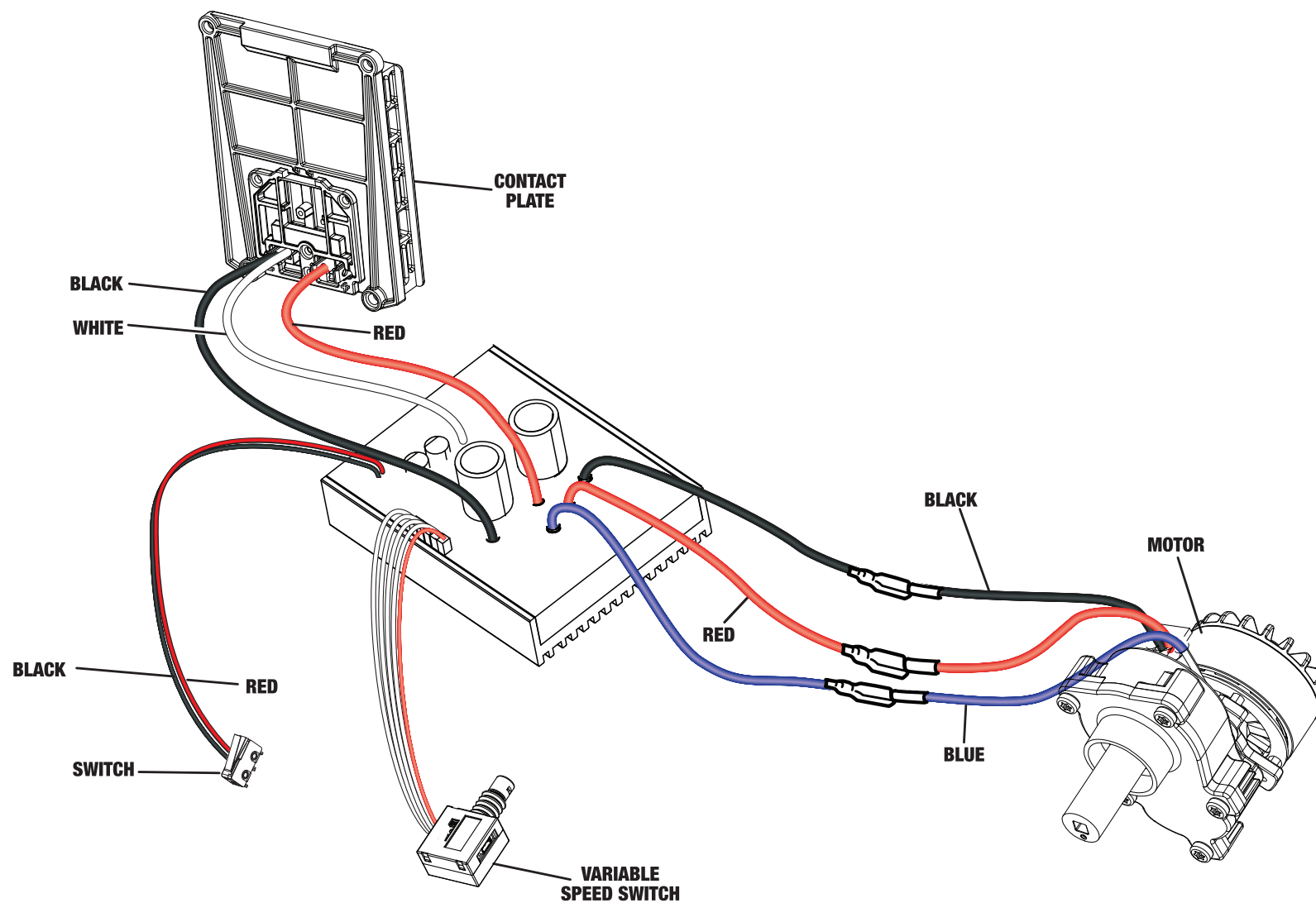


RY40HPPH01

PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	205828003	Upper Boom Assembly (Inc. Key Nos. 5, 10-11,15 & 23)	1
2	941263364	Warning Label (EN/FR)	1
3	941263386	Icon Warning Label	1
4	941263361	Data Label	1
5	315386002	Boom Clamp Assembly	1
6	308056009	Front Handle Assembly (Inc. Key Nos. 7-9)	1
7	518949001	Wing Nut (1/4-20)	1
8	639167001	Assist Handle Clamp	1
9	660857001	Screw (1/4-20 x 1 in., Square Hd.)	1
10	941263365	QR Code / Harness Position Label	1
11	941263388	Attachment Capable Label	1
12	205826002	Rear Handle Assembly (Inc. Key Nos. 2-4, 13-14 & 24)	1
13	661864007	Screw (M4 x 18 mm, T15 Torx Pan Hd.)	10

KEY NO.	PART NO.	DESCRIPTION	QTY.
14	941263368	Warning Label (SP)	1
15	941263367	40V HP Label	1
16	694572001	Torsion Spring	1
17	315841002	Trigger and Lock Out Button Assembly	1
18	539255002	High-Low Speed Switch Trigger	1
19	313244014	Motor and Gear Box Assembly	1
20	760777001	Switch	1
21	313240008	Electric Controller and Switch Assembly	1
22	313350003	Motor Volute Assembly	1
23	940779563	Harness Position Label	1
24	660005006	Screw (M3 x 10 mm)	2
	Not Shown:		
	999000276	Operator's Manual	

**WIRING DIAGRAM**

REPAIR SHEET

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DESCRIPTION

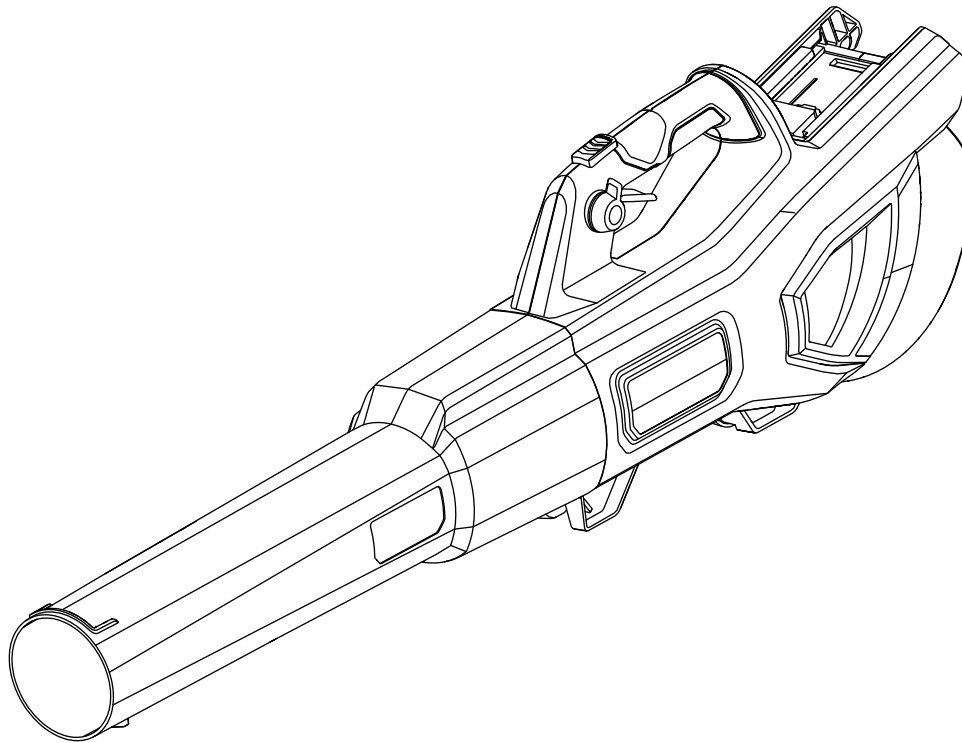
40 Volt Brushless Blower

MODEL NO.

RY404010VNM

MFG. NO.

108661001

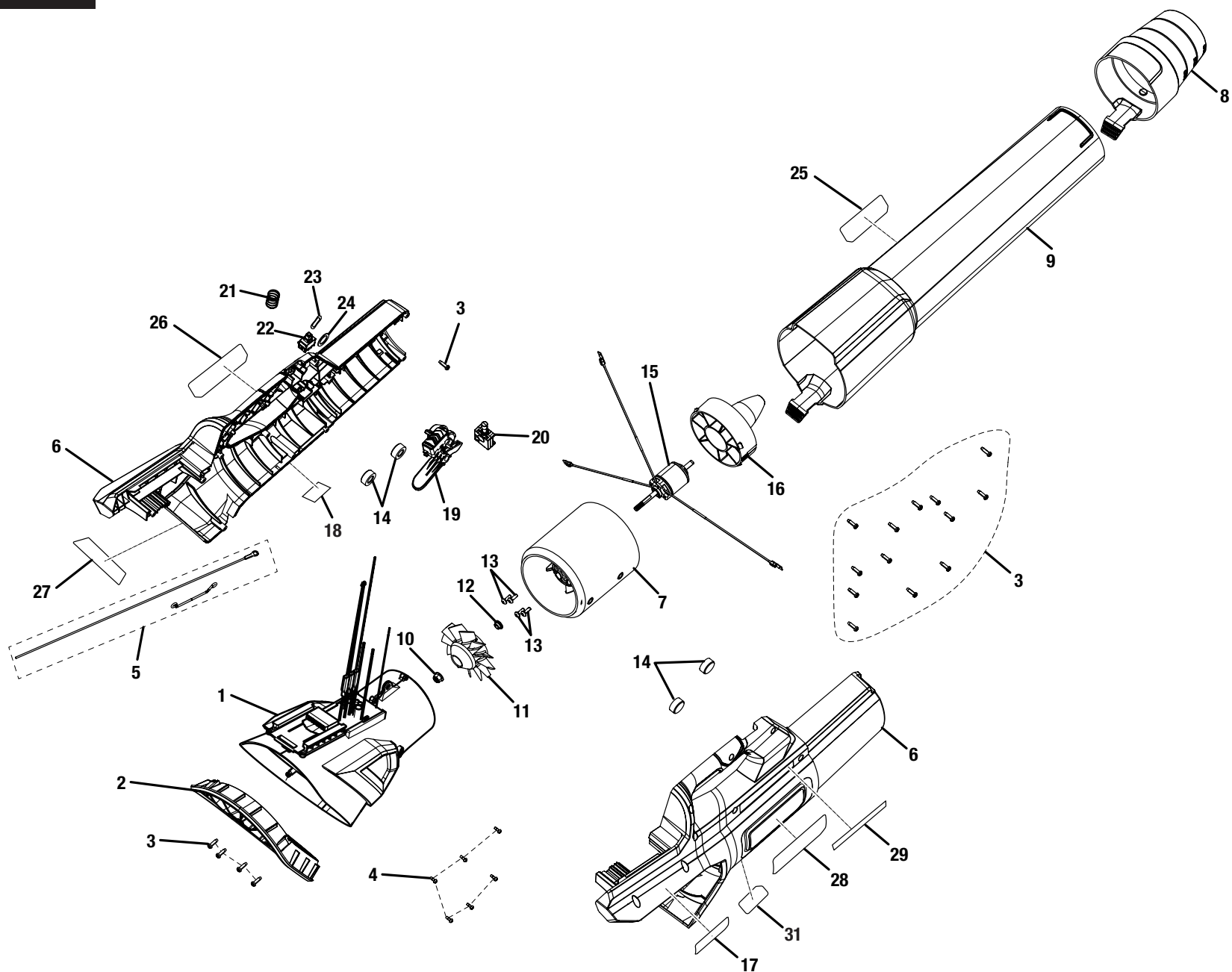


TECHTRONIC INDUSTRIES POWER EQUIPMENT

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

3-20-24 (Rev:03)

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RY404010VNM

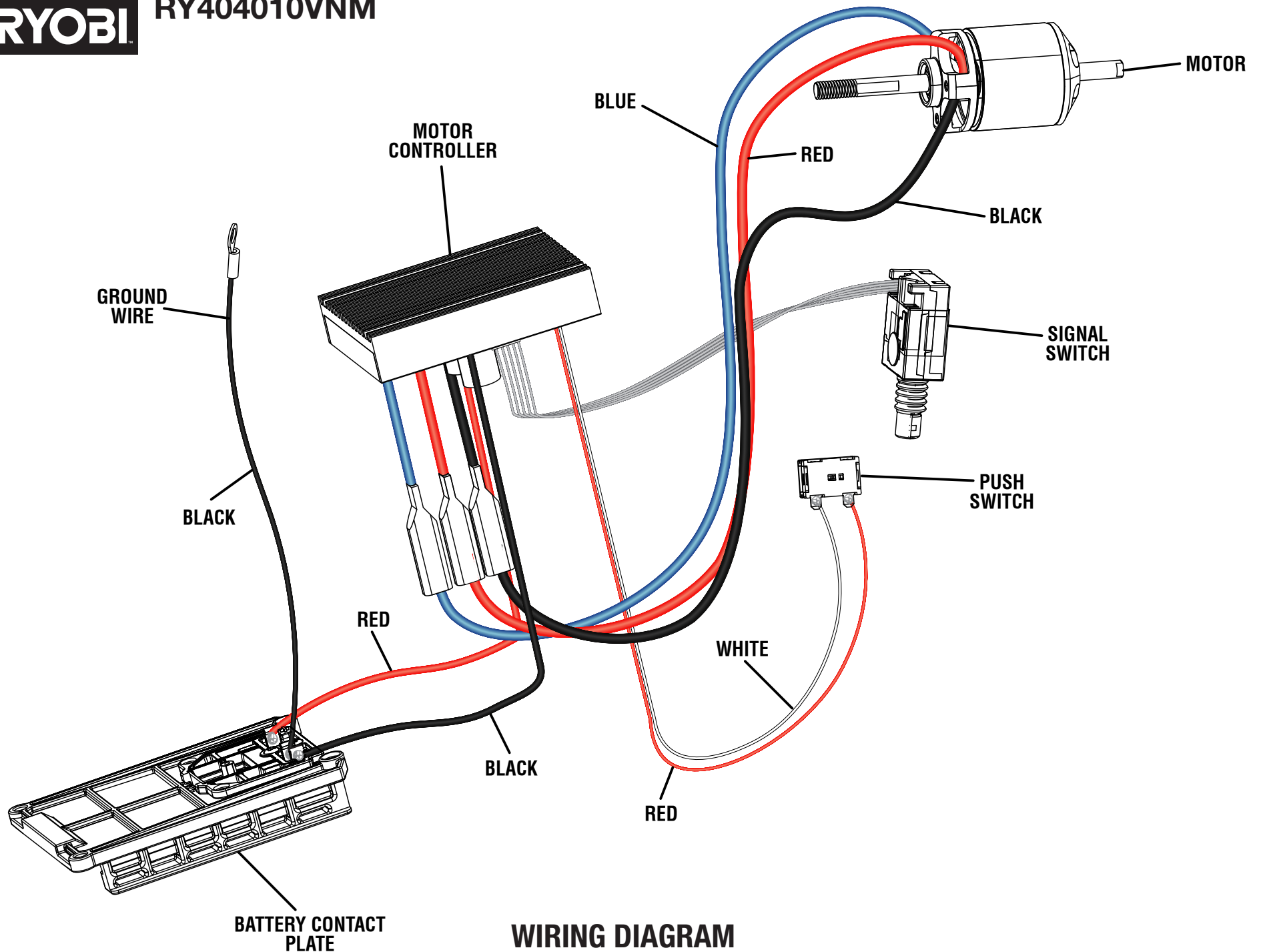
PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	318194001	Motor Controller and Inlet Bell Assembly	1
2	543748001	Inlet Guard	1
3	661817001	Screw (M4 x 13.5 mm, T15 Torx Pan Hd.)	18
4	660203001	Screw (M3 x 8 mm, Pan Hd.)	6
5	318193001	Grounding Strap Assembly	1
6	318190001	Housing Assembly (Inc. Key Nos. 17 & 26-29)	1
7	318192001	Stator Assembly	1
8	318191001	Speed Nozzle Assembly	1
9	318195001	Blower Tube Assembly (Inc. Key No. 25)	1
10	678774009	Flange Lock Nut (M6)	1
11	543752001	Fan	1
12	612854002	Bushing	1
13	660137001	Screw w/Washer (M4 x 12 mm)	4
14	565463001	Rubber Cap	4
15	742653002	Motor	1
16	543754001	Nose Cone	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
17	941110041	Ingestion Icon Label	1
18	941097124	dB Label	1
19	317856001	Trigger and Cruise Control Assembly	1
20	760750001	Signal Switch	1
21	699363001	Spring	1
22	760781001	Push Switch	1
23	636095001	Wave Washer (ID13.7 x OD19.2 x 0.3t)	1
24	635793001	Flat Washer (ID13.5 x OD20 x 2t)	1
25	940705583	40V HP BRUSHLESS Logo Label	1
26	941110030	RYOBI 40V HP Logo Label	1
27	941110031	WHISPER SERIES Logo Label	1
28	941110032	Data/Warning Label	1
29	941110033	Icon Label	1
	Not Shown:		
	998000561	Operator's Manual	



RY404010VNM



WIRING DIAGRAM