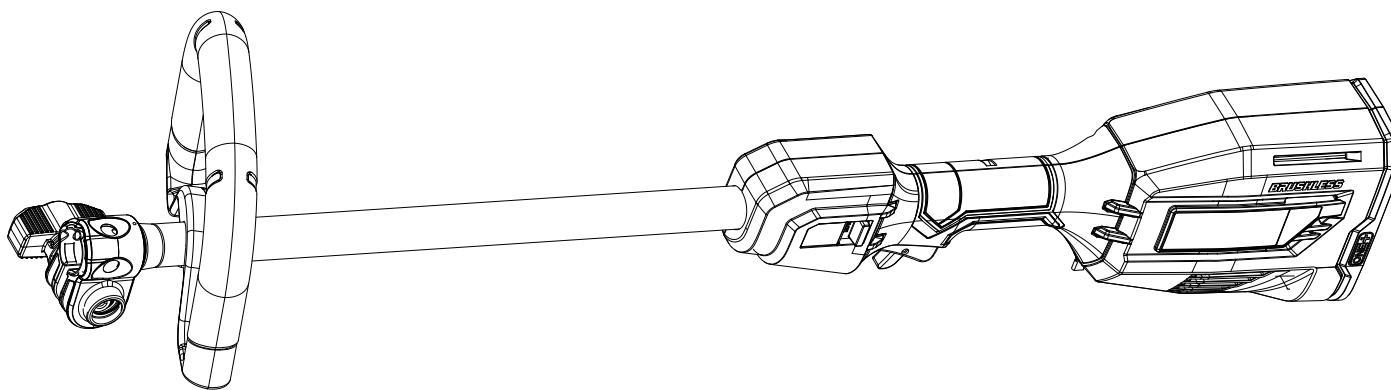


# REPAIR SHEET

BRAND <b>RYOBI</b>		DESCRIPTION  <b>18 Volt Brushless Power Head</b>
MODEL NO. <b>P20104</b> <b>P20104VNM</b>	MFG. NO. <b>315286001</b> <b>315286101</b>	

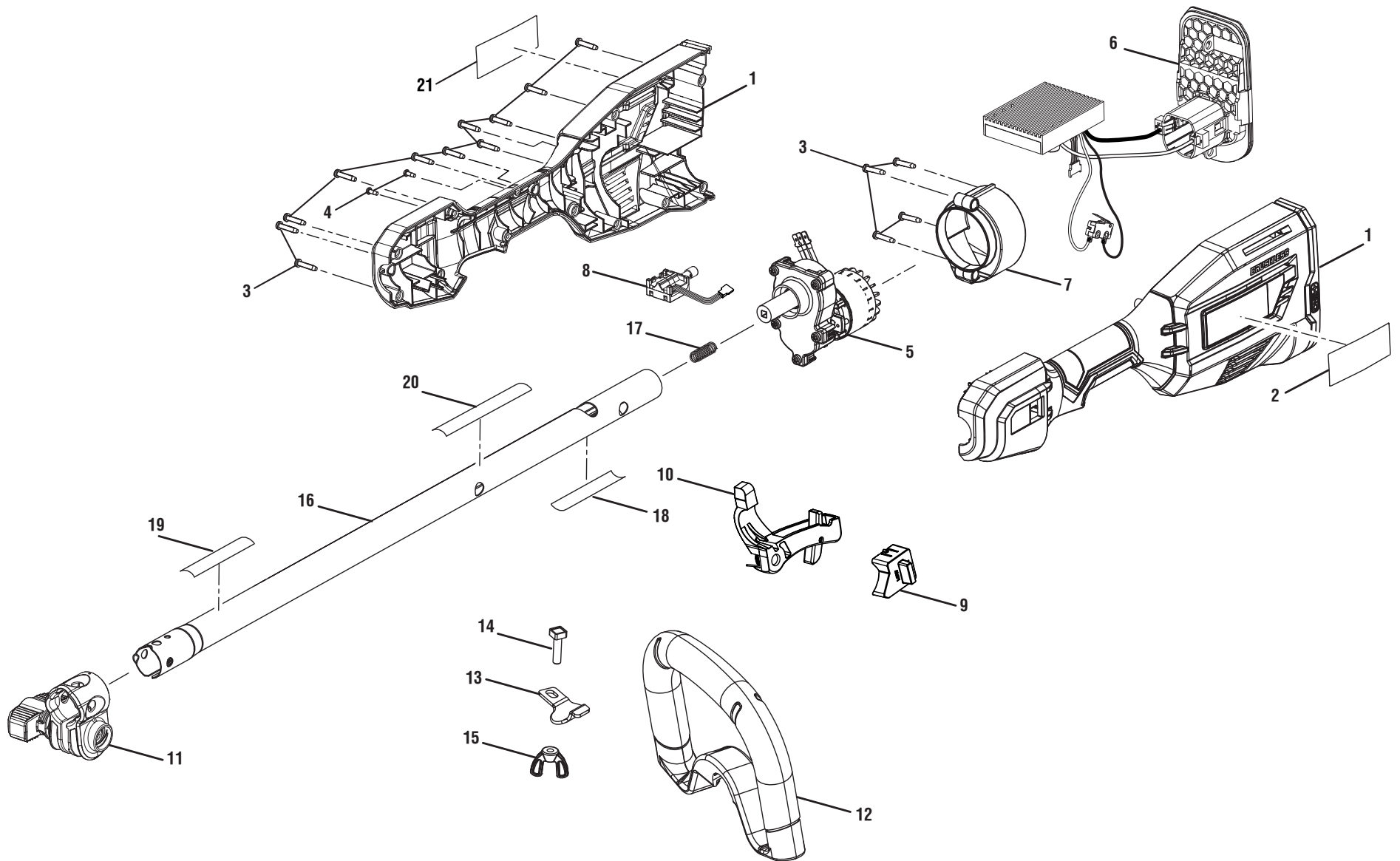


## TECHTRONIC INDUSTRIES POWER EQUIPMENT

P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ [www.ryobitools.com](http://www.ryobitools.com)

1-11-21 (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.*





# P20104/P20104VNM

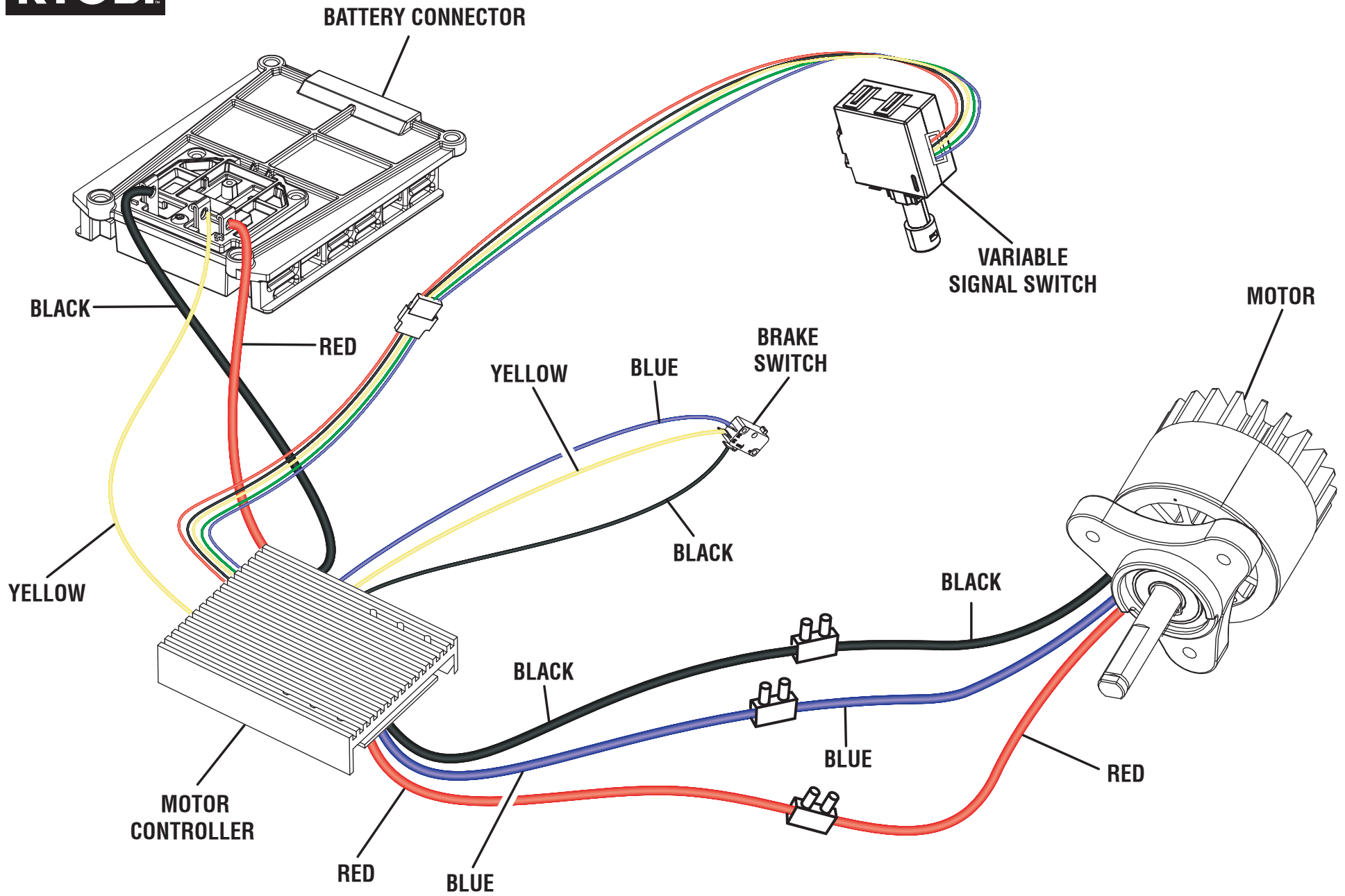
## PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	315989001	Rear Handle Assembly (Inc. Key No. 2 & 21)	1
2	940705585	Logo Label	1
3	661864007	Screw (M4 x 18 mm, T15 Torx Pan Hd.)	15
4	660203052	Screw (M3 x 8 mm, Pan Hd.)	2
5	313244003	Motor & Gear Box Assembly	1
6	292194001	Motor Controller & Switch Assembly	1
7	315990001	Motor Volute Assembly	1
8	760649001	Variable Speed Switch	1
9	539255001	Hi-Lo Switch Cover	1
10	314833001	Switch Trigger Assembly	1
11	315386001	Boom Clamp Assembly	1
12	308056009	Front Handle Assembly (Inc. Key Nos. 13-15)	1
13	639167001	Assist Handle Clamp	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
14	660857001	Screw (1/4-20 x 40 mm, Hex Hd.)	1
15	518949001	Wing Nut (1/4-20)	1
16	315991001	Boom Assembly (Inc. Key Nos. 19-22, P20104)	1
	316009001	Boom Assembly (Inc. Key Nos. 19-22, P20104VNM)	1
17	690140011	Compression Spring	1
18	941013005	Warning Label (French/Spanish)	1
19	941851150	Attachment Capable Label	1
20	941588795	Warning Icons Label	1
21	941588484	Data Label (P20104)	1
	941588902	Data Label (P20104VNM)	1
	<b>Not Shown:</b>		
	995000973	Operator's Manual	



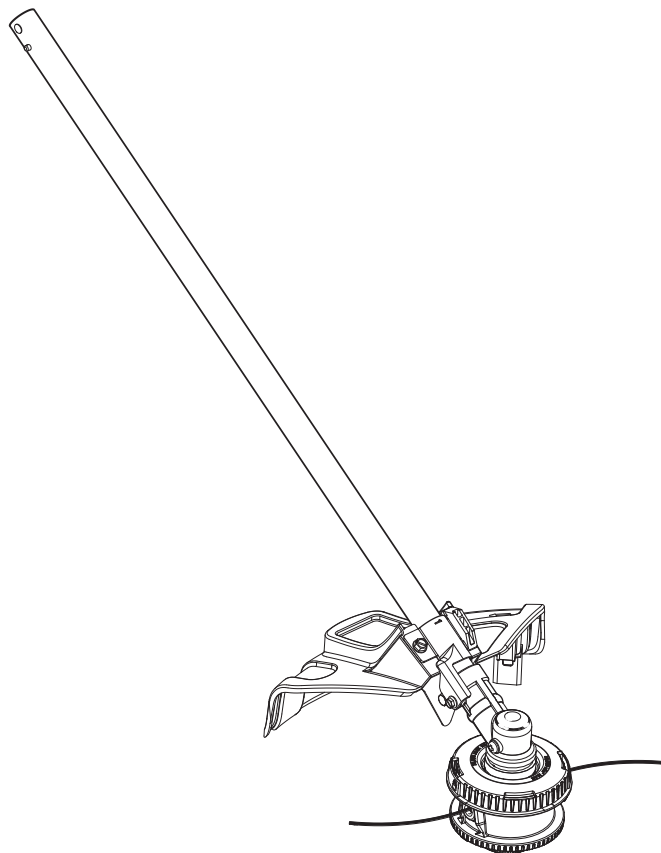
P20104/P20104VNM



WIRING DIAGRAM

# REPAIR SHEET

BRAND <b>RYOBI</b>		DESCRIPTION <b>EXPAND-IT Straight Shaft Trimmer Attachment</b>
MODEL NO. <b>RY15527</b> <b>RY15527VNM</b>	MFG. NO. <b>311247006</b> <b>311247106</b>	



## TECHTRONIC INDUSTRIES POWER EQUIPMENT

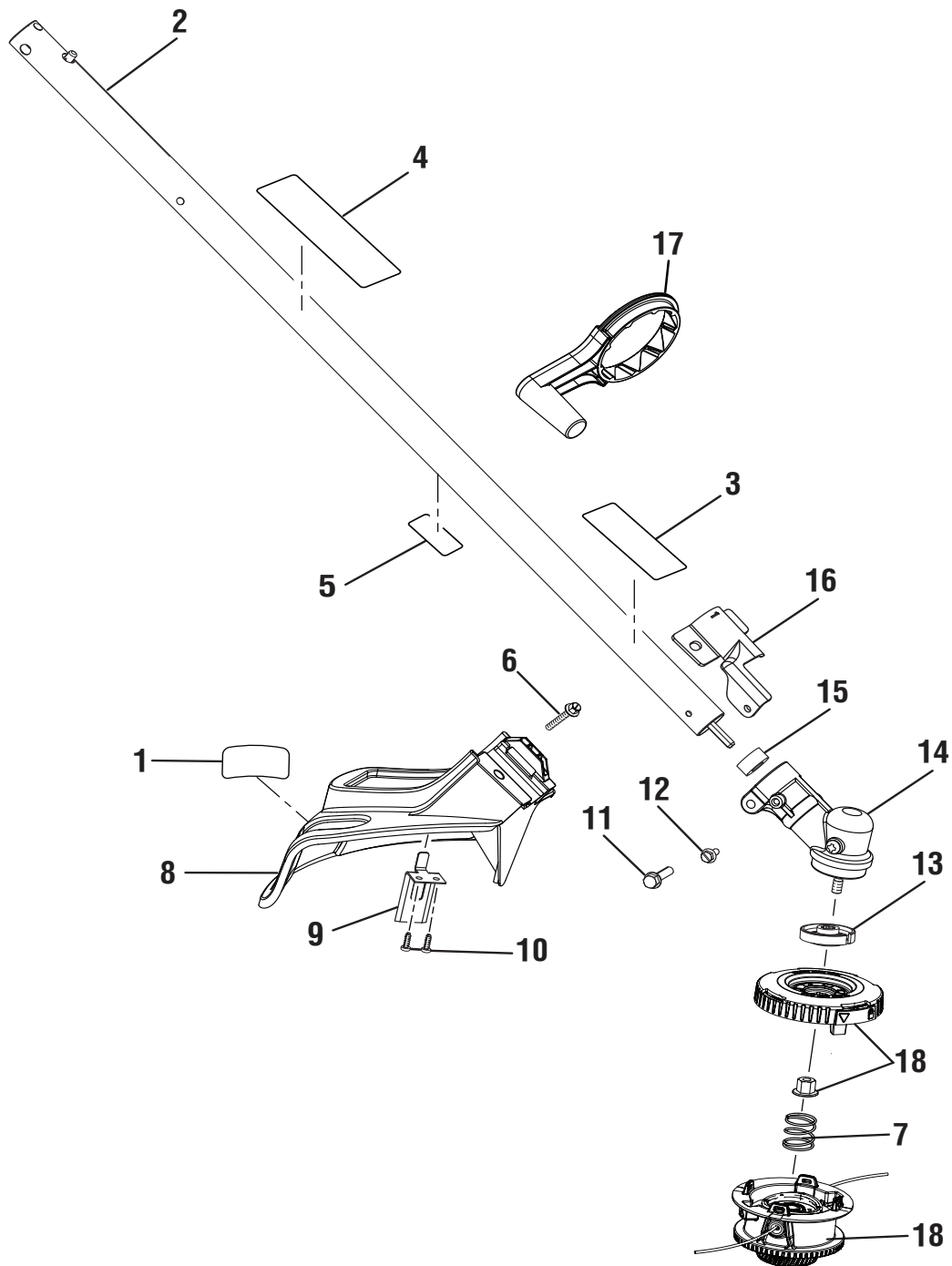
P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ [www.ryobitools.com](http://www.ryobitools.com)

1-11-21 (Rev:06)

*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	941588552	Max. Run Time/Performance Label	1
2	315992001	Straight Shaft Assembly (Inc. Key Nos. 3-5, RY15527)	1
	316008001	Straight Shaft Assembly (Inc. Key Nos. 3-5, RY15527VNM)	1
3	940749034	Lower Boom Icon Label	1
4	941851149	Ryobi Expand-it Label	1
5	941588488	Data Label (RY15527)	1
	941588903	Data Label (RY15527VNM)	1
6	660738002	Screw (1/4-20 x 1-1/4 in., Hex Washer Hd.)	1
7	679958001	Compression Spring	1
8	313285005	Grass Deflector Assembly (Inc. Key Nos. 1, 6-7, & 9-10)	1
9	638016003	Line Cut-off Blade	1
10	662148001	Screw (M4.5 mm x 1 mm, Pan Hd.)	2
11	660642001	Screw (1/4-20 x 1-1/4 in., Hex Washer Hd.)	1
12	660641001	Screw (10-24 x 5/8 in., Hex Washer Hd.)	1
13	678011001	Flanged Washer	1
14	308210009	Gear Head	1
15	518367001	Spacer	1
16	638125001	Grass Deflector Clamp	1
17	532048003	Crank Handle	1
18	314608005	Bump Feed Trimmer Head Assembly (Inc. Key No. 19)	1
	<b>Not Shown:</b>		
	995000976	Operator's Manual	

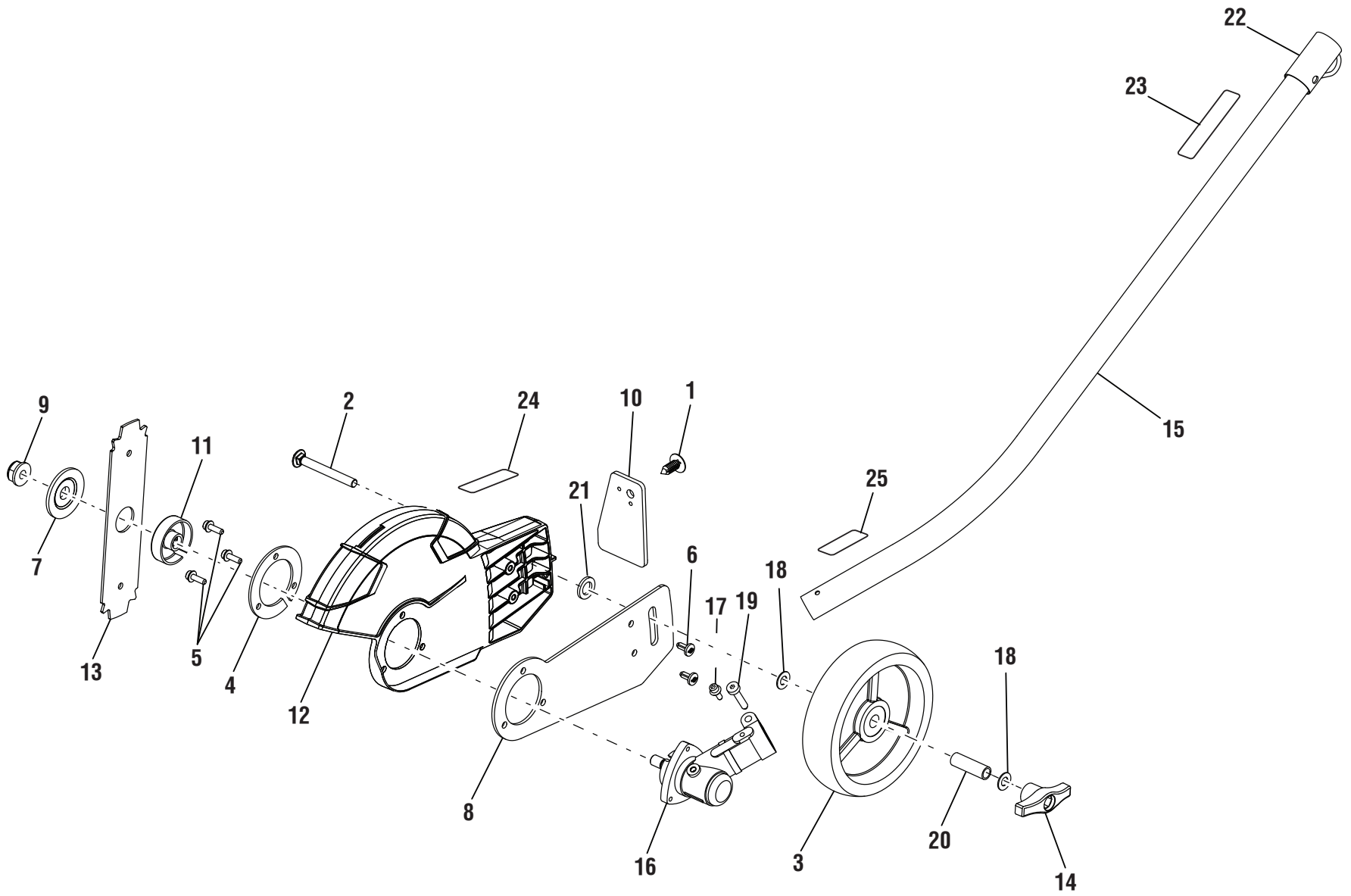


**RYOBI EXPAND-IT**  
**Edger Attachment**  
**Item Nos. RYEDG12/RYEDG12VNM**  
**Mfg. Nos. 090410010/095410101**  
**Repair Sheet**

**TECHTRONIC INDUSTRIES POWER EQUIPMENT**

P.O. Box 1288  
Anderson, SC 29622 USA  
1-800-860-4050

RYOBI EXPAND-IT EDGER ATTACHMENT – ITEM NOS. RYEDG12/RYEDG12VNM





## RYOBI EXPAND-IT EDGER ATTACHMENT – ITEM NOS. RYEDG12/RYEDG12VNM

The model number will be found on a label attached to the boom. Always mention the model number in all correspondence regarding your **EDGER ATTACHMENT** or when ordering replacement parts.

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	531944001	Trim Clip.....	1
2	661526008	Carriage Bolt (M8 x 1.25 in.).....	1
3	531503001	Wheel (Ø150 mm).....	1
4	678262002	Mounting Ring.....	1
5	660354001	Screw (M5 x 16 mm, T25 Torx Soc. Hd.).....	3
6	660621001	Screw (10-14 x 1/2 in., T25 Torx Soc. Hd.).....	2
7	613072001	Blade Washer.....	1
8	637404001	Main Bracket.....	1
9	678018002	Blade Lock Nut (M10 x 1.25 in.).....	1
10	561382003	Mud Flap.....	1
11	613071001	Flange Washer.....	1
12	316403001	Grass Shield Assembly (Inc. Key No. 24).....	1
13	638006013	Blade (8 in., AC04215).....	1
14	308730006	Adjusting Knob w/Hex Nut.....	1
15	312432001	Boom Assembly (Inc. Key Nos. 22-23 and 25).....	1
16	312017001	Gear Case Assembly.....	1
17	660641002	Screw (10-24 x 5/8 in., Hex Soc. Hd.).....	1
18	636233001	Washer (ID8.5 x OD20.5 x 2t).....	2
19	660642002	Screw (1/4-20 x 1-1/4 in., Hex Soc. Hd.).....	1
20	695528001	Axle Spacer.....	1
21	637434002	Washer (ID12 x OD20 x 2.5t).....	1
22	518019004	Hanger Cap.....	1
23	940657026	Boom Icon Warning Label.....	1
24	941018002	Shield Icon Warning Label.....	1
25	941489003	Hot Surface Warning Label.....	1

**Not Shown:**

991000979 Operator's Manual  
 3-25-20  
 (Rev:02)