REPAIR SHEET

BRAND

RYOBI

MODEL NO.

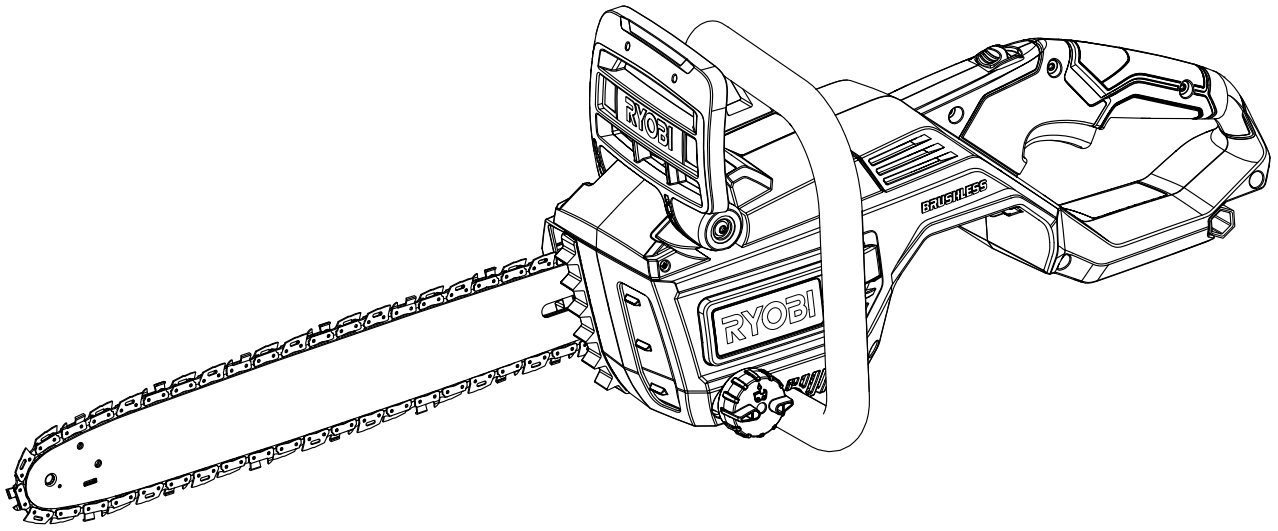
RY40505
RY40505VNM

MFG. NO.

107473001
107473101

DESCRIPTION

40 Volt 16 in. Chain Saw

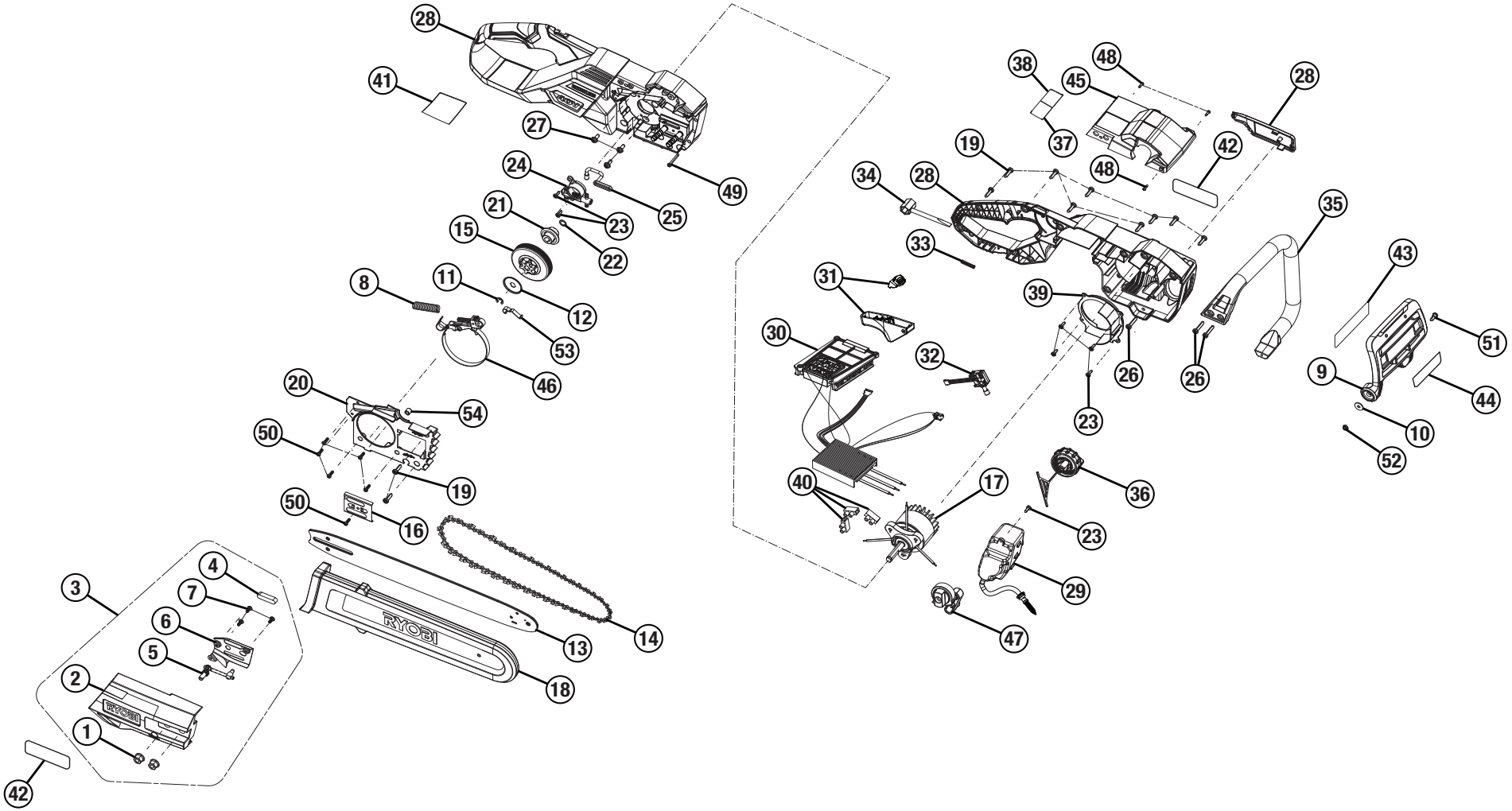


TECHTRONIC INDUSTRIES POWER EQUIPMENT
P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ **www.ryobitools.com**

8-1-24 (Rev:03)

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.

RY40505 / RY40505VNM



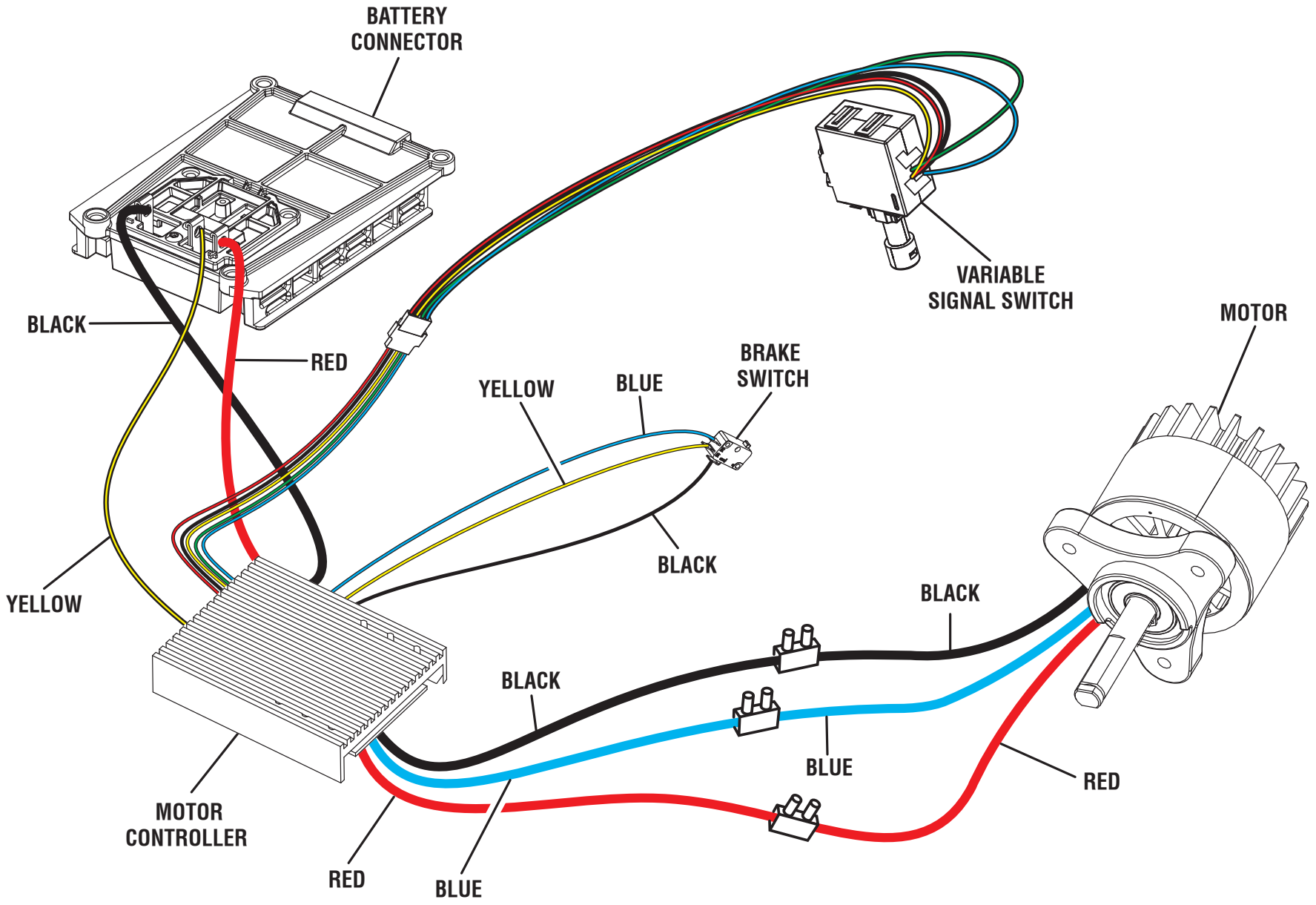
RY40505 / RY40505VNM

PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	678339003	Hex Nut (5/16-18)	2
2	205479001	Bar Cover (Inc. Key No. 42)	1
3	205480001	Bar Cover Assembly (Inc. Key Nos. 1-2, 4-7 & 42)	1
4	563443001	Rubber Plate	1
5	205296001	Driving Adjustment Gear Assembly	1
6	658991001	Guide Plate	1
7	660922001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	3
8	694415001	Spring	1
9	205481001	Guard Assembly (Inc. Key Nos. 43-44)	1
10	638988001	Washer	1
11	636159001	E-ring	1
12	635367001	Cap Washer	1
13	315962001	Bar (16 in.)	1
14	682006005	Chain (16 in.)	1
15	612309002	Sprocket	1
16	658993001	Guide Bar Plate Assembly	1
17	742666001	Motor	1
18	580768001	Scabbard	1
19	662051002	Screw (M5 x 18 mm, T20 Torx Pan Hd.)	11
20	539604001	Cover Housing	1
21	537485001	Oil Pump Drive	1
22	658198001	Washer	1
23	660608001	Screw (M4 x 12 mm, T-20 Torx Pan Hd.)	7
24	309516002	Oil Pump	1
25	565069001	Oil Output Tube	1
26	662053002	Screw (M5 x 25 mm, T20 Torx Pan Hd.)	3
27	662052002	Screw (M5 x 8 mm, T25 Torx Pan Hd.)	3
28	CN- 205482001	Housing Assembly (Inc. Key Nos. 41-42)	1
	VN- 205330001	Housing Assembly (Inc. Key Nos. 41-42)	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
29	205300001	Oil Tank Assembly	1
30	315960001	Motor Controller, Switch & Battery Connector Assembly	1
31	205297001	Switch Trigger & Lock Out Button Assembly	1
32	760652001	Switch	1
33	694143001	Compression Spring	1
34	612330001	Wrench	1
35	539603001	Front Handle	1
36	306888001	Oil Tank Cap Assembly	1
37	941588811	Warning Icon Label (Right)	1
38	941588810	Warning Icon Label (Left)	1
39	539608001	Volute Cover	1
40	900876003	Terminal Block	3
41	CN- 941588555	Data Label	1
	VN- 941588620	Data Label	1
42	941588805	RYOBI Logo Label	2
43	941588809	Danger/Warning Label	1
44	941588806	Brushless Logo Label	1
45	205483001	Top Cover Assembly (Inc. Key Nos. 37-38)	1
46	205298001	Brake Band Assembly	1
47	205299001	Chain Brake Assembly	1
48	660005006	Screw (M3 x 10 mm)	3
49	660208104	Screw (M4 x 30 mm)	1
50	662083002	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	6
51	662113001	Screw (M5 x 15 mm, T25 Torx Hd.)	1
52	670682002	Nut	1
53	678061001	Spring	1
54	678602001	Bushing	1
	Not Shown:		
	995000982	Operator's Manual	

RY40505 / RY40505VNM



WIRING DIAGRAM