REPAIR SHEET

BRAND

RYOBI

MODEL NO.

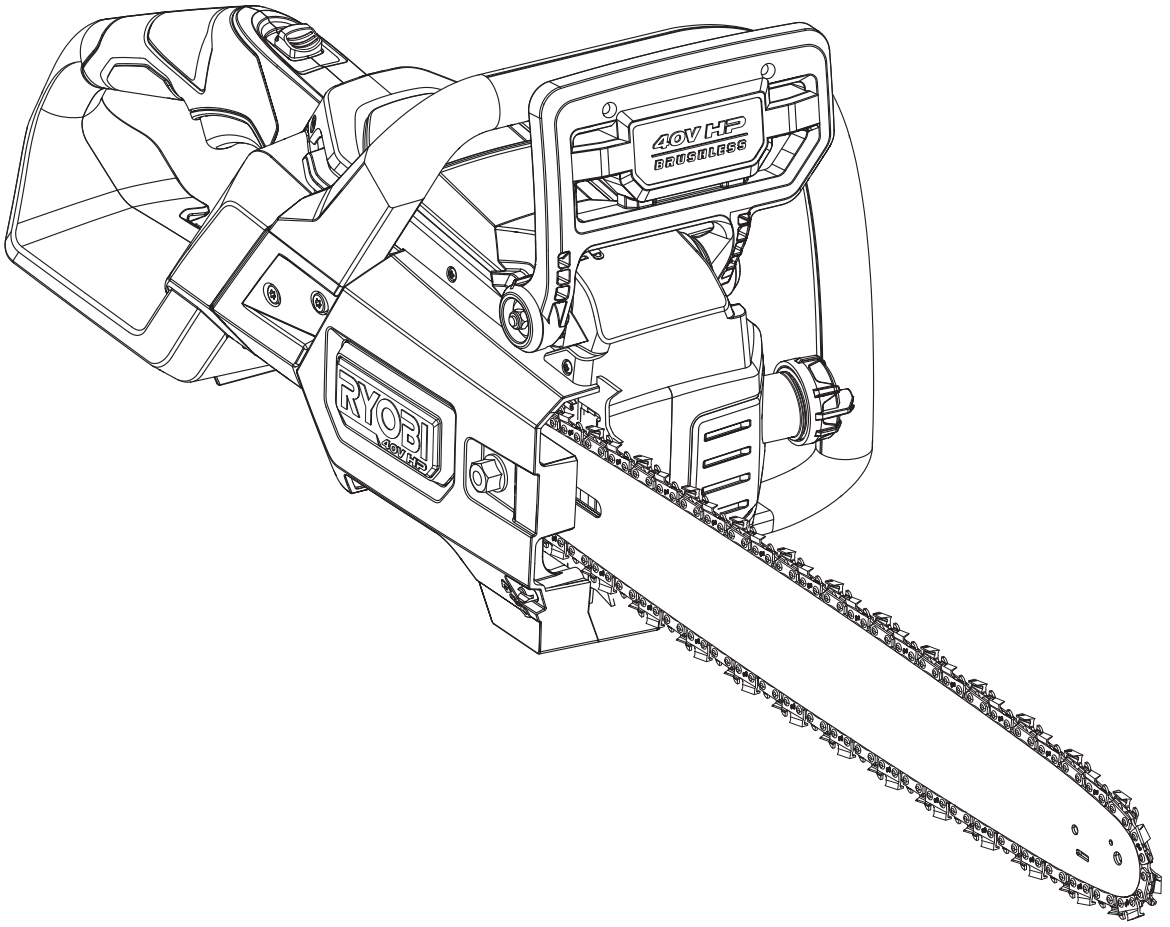
RY40HPCW01

MFG. NO.

106900001

DESCRIPTION

18 IN. 40V BRUSHLESS CHAINSAW

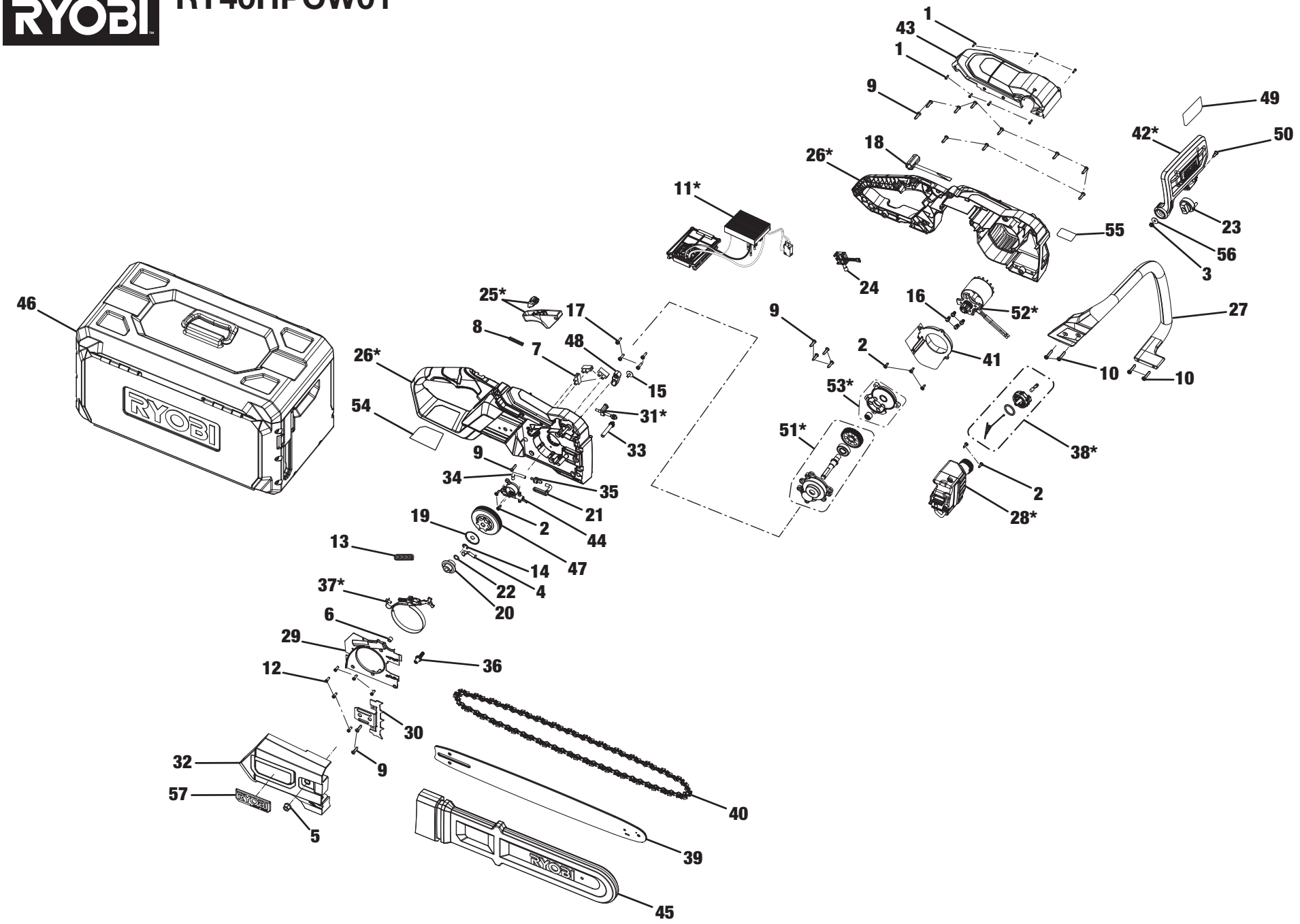


TECHTRONIC INDUSTRIES POWER EQUIPMENT
P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ **www.ryobitools.com**

4-4-24 (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.

RY40HPCW01



** Part comes as a complete assembly. Individual components of an assembly will not be offered separately, unless listed in the Parts List.*

RY40HPCW01

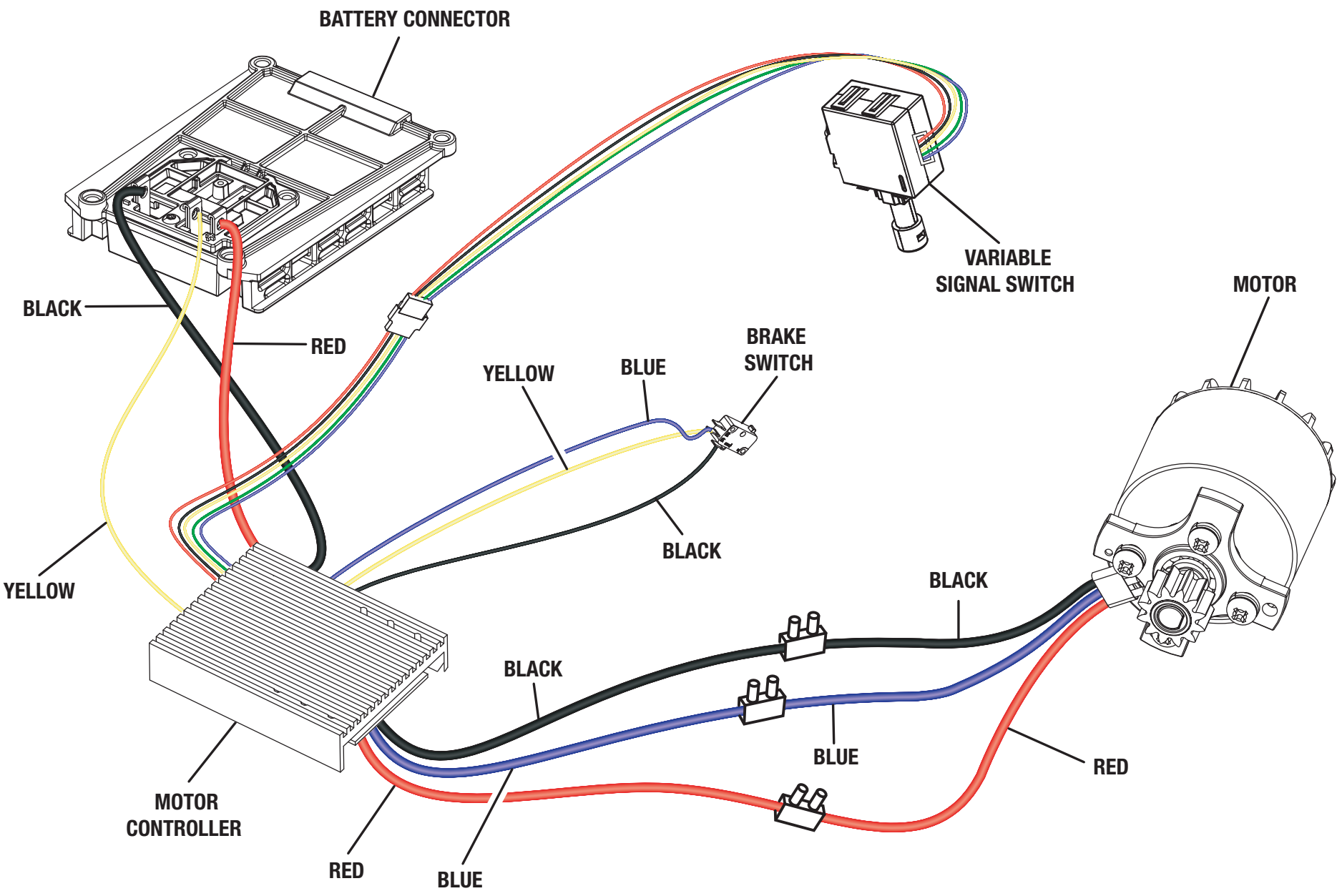
PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	660005006	Screw (M3 x 10 mm, Pan Hd.)	7
2	660608001	Screw (M4 x 11.5 mm, T20 Torx. Pan Hd.)	7
3	670974003	Nut (M5)	1
4	678061001	Spring	1
5	678339003	Hex Nut	1
6	678602001	Bushing	1
7	900876003	Terminal Block	3
8	694143001	Spring	1
9	662051001	Screw (M5 x 17.5 mm, T20 Torx. Pan Hd.)	17
10	662053001	Screw (M5 x 25 mm, T25 Torx. Pan Hd.)	4
11*	315960004	Motor Controller, Common Foot, & Micro Switch Assembly	1
12	662083001	Screw (M4 x 12 mm, T20 Torx. Pan Hd.)	6
13	678057001	Spring	1
14	636159001	E-Ring	1
15	662199001	Screw	1
16	660502004	Screw (M5 x 8 mm, Pan Hd.)	4
17	662175003	Screw (M4 x 15 mm, T25 Torx. Pan Hd.)	4
18	637856001	Wrench	1
19	635367001	Washer	1
20	537485001	Oil Pump Drive	1
21	568387001	Oil Tube Outlet	1
22	658198001	Washer (ID8.1 x OD13 x 1t)	1
23	539606001	Rotator for Brake	1
24	760652001	Variable Signal Switch	1
25*	205739004	Switch Trigger & Lock Out Button Assembly	1
26*	205000009	Housing Assembly (Inc. Keys 54 & 55)	1
27	552736001	Front Handle	1
28*	315971003	Oil Tank Assembly	1
29	552738001	Brake Band Cover	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
30	657396003	Spike Bumper	1
31*	315118005	Adjust Screw Assembly	1
32	315957004	Sprocket Cover Assembly (Inc. Key No. 57)	1
33	616142001	Adjust Screw Gear	1
34	568386001	Oil Tube Intake	1
35	313842005	Backflow-Prevention Valve	1
36	678056006	Screw (M6 x 18 mm, T25 Torx.)	1
37*	307446001	Brake Band Assembly	1
38*	306888007	Oil Tank Cap Assembly	1
39	317105004	18 in. Bar	1
40	682309003	18 in. Saw Chain	1
41	552739001	Volute Cover	1
42*	205422010	Guard Assembly (Inc. Key 49)	1
43	552735001	Upper Cover	1
44	309516005	Oil Pump	1
45	581041001	Bar Scabbard	1
46	319967002	Carry Case	1
47	615812001	Sprocket	1
48	549089001	Brake Switch Connector	1
49	941097184	Icon Label	1
50	662113003	Screw (#10-14 UNC x 0.559 in., T25 Torx. Pan Hd.)	1
51*	317483003	Gear Box Base, Gears, & Shaft Assembly	1
52*	317481004	Motor & Pinion Assembly	1
53*	317482005	Gear Box Cover Assembly	1
54	941110281	Data/Warning Label	1
55	941110282	QR Code Label	1
56	638988003	Washer (ID5.2 x OD16 x 1.5t)	1
57	940705545	Ryobi 40V HP Label	1

**** Part comes as a complete assembly. Individual components of an assembly will not be offered separately, unless listed in the Parts List.***

RY40HPCW01



WIRING DIAGRAM