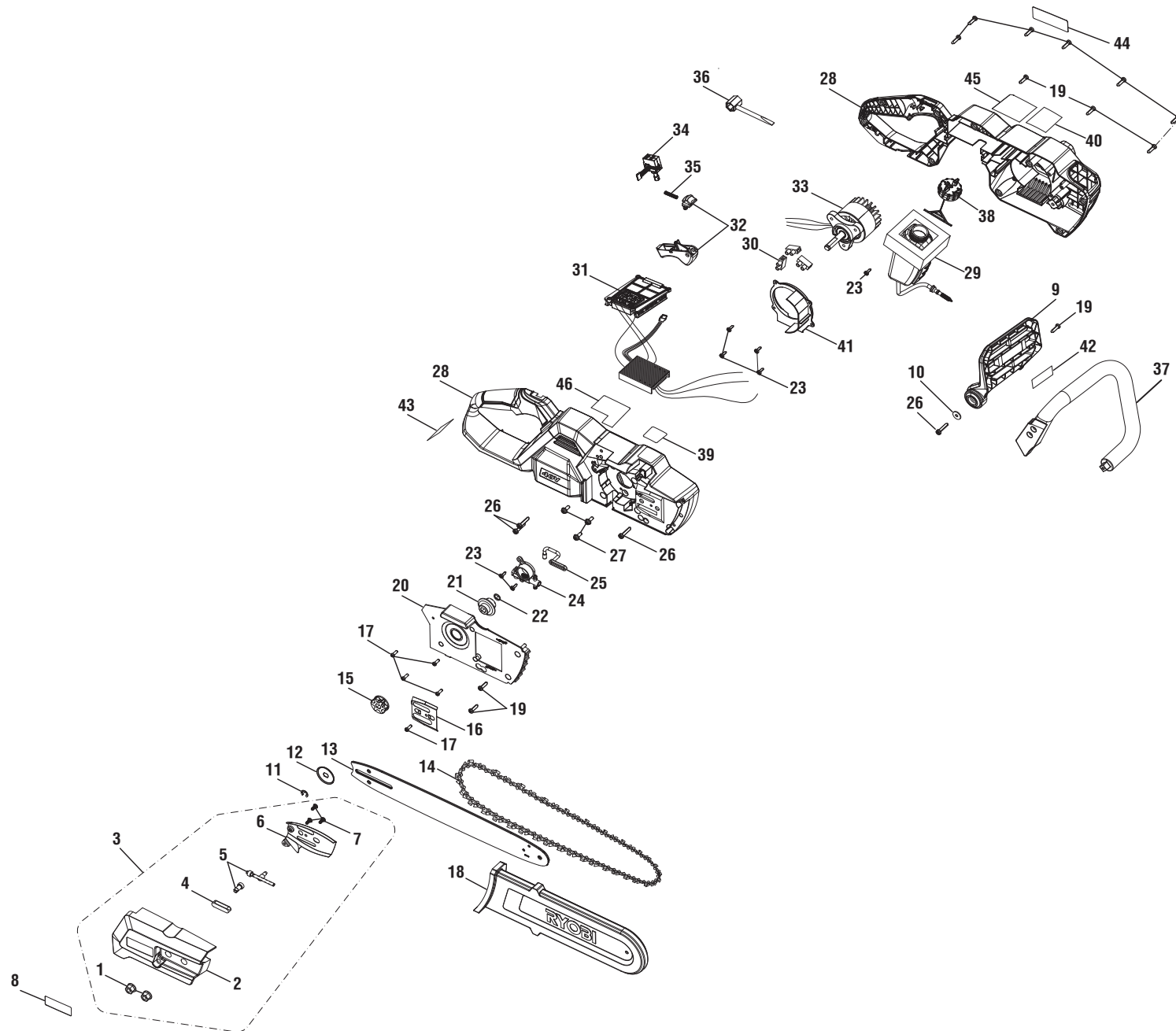


RYOBI
40 VOLT CHAIN SAW
Mfg. No. 107507001
Item No. RY40503
REPAIR SHEET

TECHTRONIC INDUSTRIES POWER EQUIPMENT

P.O. Box 1288, Anderson, SC 29622 USA
1-800-860-4050 • www.ryobitools.com

RYOBI 40 VOLT CHAIN SAW – MODEL NUMBER RY40503



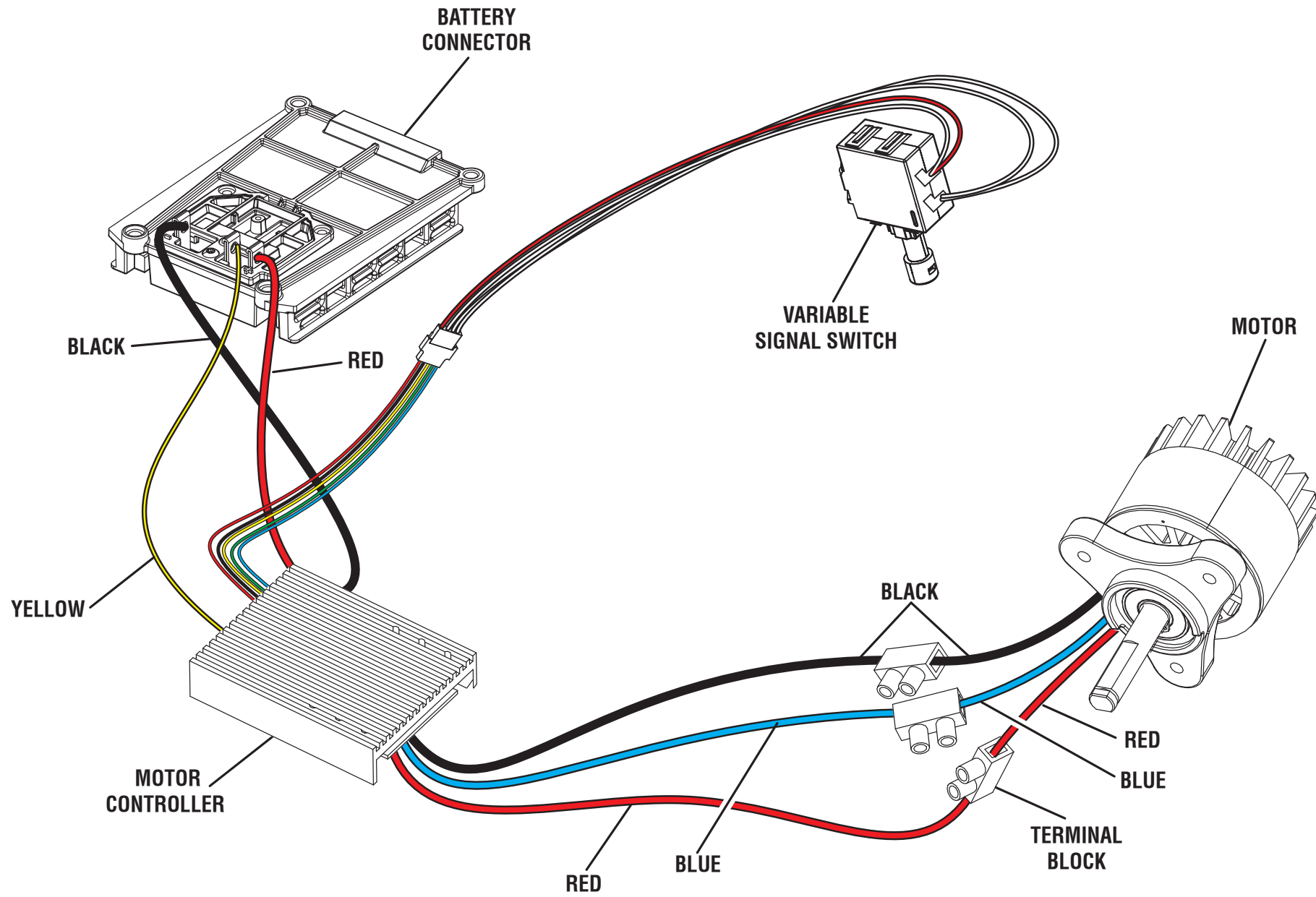
RYOBI 40 VOLT CHAIN SAW – MODEL NUMBER RY40503

The model number will be found on a label attached to the motor housing. Always mention the model number in all correspondence regarding your **CHAIN SAW** or when ordering repair parts.

PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	678339003	Hex Nut (5/16-18)	2	26	662053001	Screw (M5 x 25, T25 Torx Pan Hd.)	4
2	205119001	Bar Cover (Inc. Key No. 8)	1	27	662052002	Screw (M5 x 8 mm, T25 Torx Pan Hd.)	3
3	205118001	Bar Cover Assembly (Inc. Key Nos. 1-2 & 4-8)	1	28	205116001	Housing Assembly (Inc. Key Nos. 39-40 & 43-46)	1
4	563443001	Rubber Plate	1	29	314746001	Oil Tank Assembly	1
5	205120001	Driving Adjustment Gear Assembly	1	30	900876003	Terminal Block	3
6	658138001	Guide Plate	1	31	314747001	Motor Controller and Battery Connector Assembly	1
7	660922001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	3	32	205117001	Switch Trigger & Lock Out Button Assembly	1
8	941851104	Bar Cover Logo Label	1	33	742089004	Motor	1
9	205115001	Guard Assembly (Inc. Key No. 42)	1	34	760579005	Switch	1
10	638988001	Washer	1	35	694143001	Spring	1
11	636159001	E-ring	1	36	612330001	Wrench	1
12	635367001	Cap Washer	1	37	537276001	Front Handle	1
13	314675001	Bar (14 in.)	1	38	306888001	Oil Tank Cap Assembly	1
14	682006004	Chain (14 in.)	1	39	941851111	Warning Icon Label (Right)	1
15	612313001	Sprocket	1	40	941851110	Warning Icon Label (Left)	1
16	635335001	Guide Bar Plate	1	41	537280001	Volute Cover	1
17	662083001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	5	42	941851105	Logo Label	1
18	580491001	Scabbard	1	43	941851106	Data Label	1
19	662051001	Screw (M5 x 19 mm, T20 Torx Pan Hd.)	12	44	941851102	Motor Side Logo Label	1
20	537277001	Cover Housing	1	45	941851109	Warning Label (English/Spanish, Left)	1
21	537485001	Oil Pump Drive	1	46	941851108	Warning Label (English/French, Right)	1
22	658198001	Washer	1	Not Shown:			
23	660608001	Screw (M4 x 12 mm, T-20 Torx Pan Hd.)	7		995000684	Operator's Manual	
24	309516002	Oil Pump	1		12-18-18		
25	565069001	Oil Output Tube	1		(Rev:01)		

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WIRING DIAGRAM