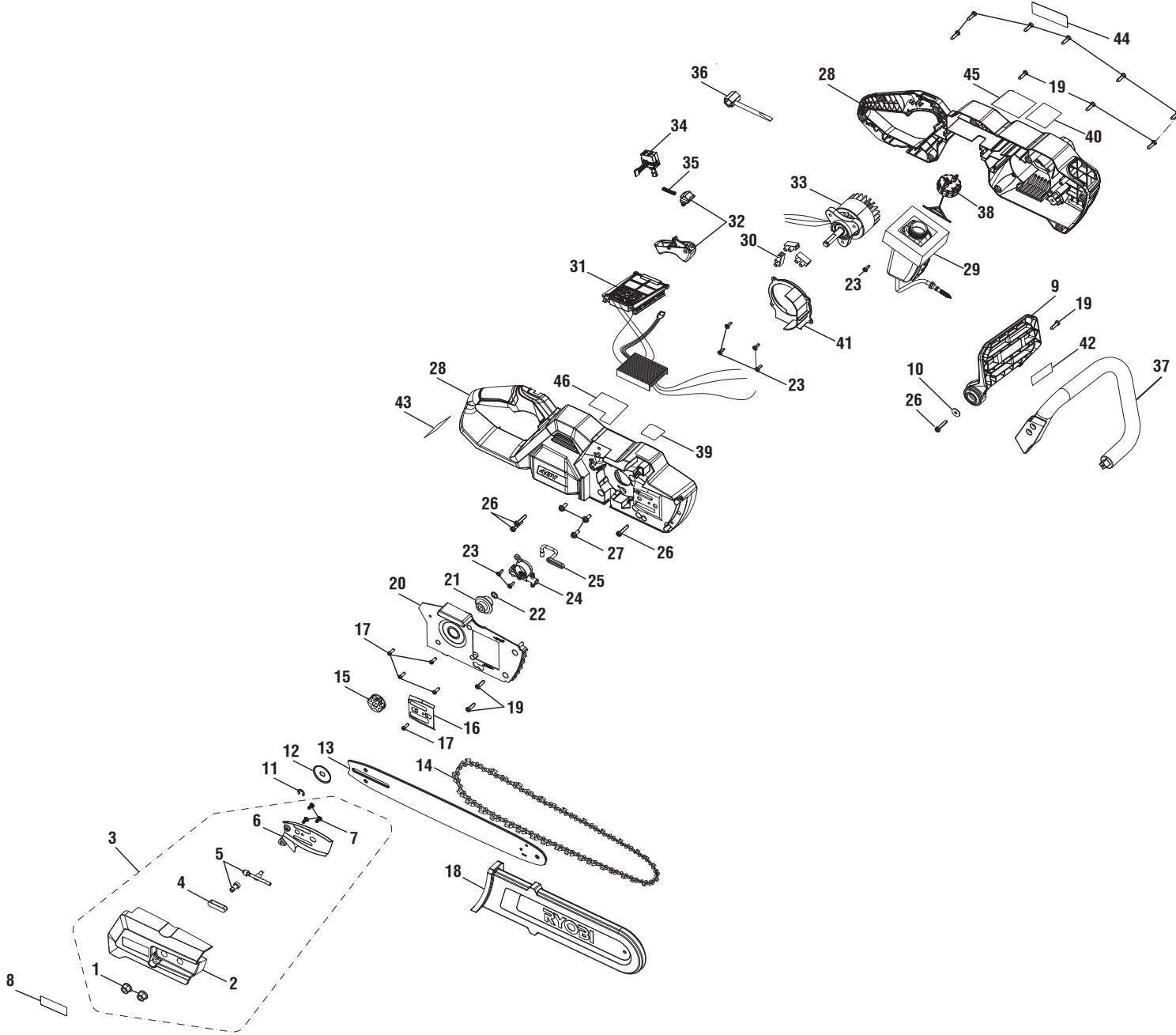


**RYOBI**  
**40 VOLT CHAIN SAW**  
**Mfg. No. 107507001**  
**Item No. RY40503**  
**REPAIR SHEET**

**TECHTRONIC INDUSTRIES POWER EQUIPMENT**

P.O. Box 1288, Anderson, SC 29622 USA  
1-800-860-4050 • [www.ryobitools.com](http://www.ryobitools.com)

RYOBI 40 VOLT CHAIN SAW – MODEL NUMBER RY40503



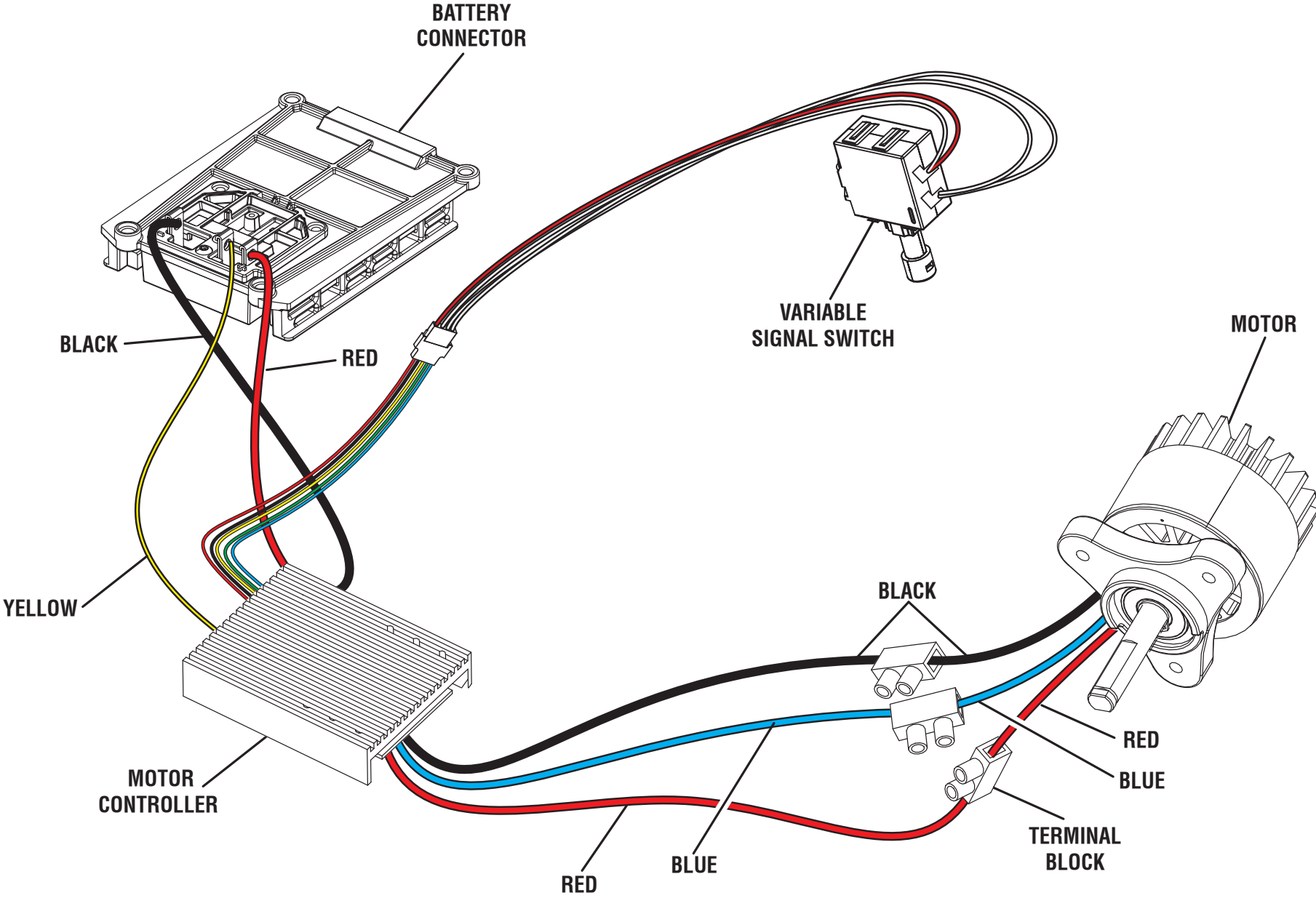
## RYOBI 40 VOLT CHAIN SAW – MODEL NUMBER RY40503

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	<b>Not Shown:</b>			
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)			

RYOBI 40 VOLT CHAIN SAW – MODEL NUMBER RY40503



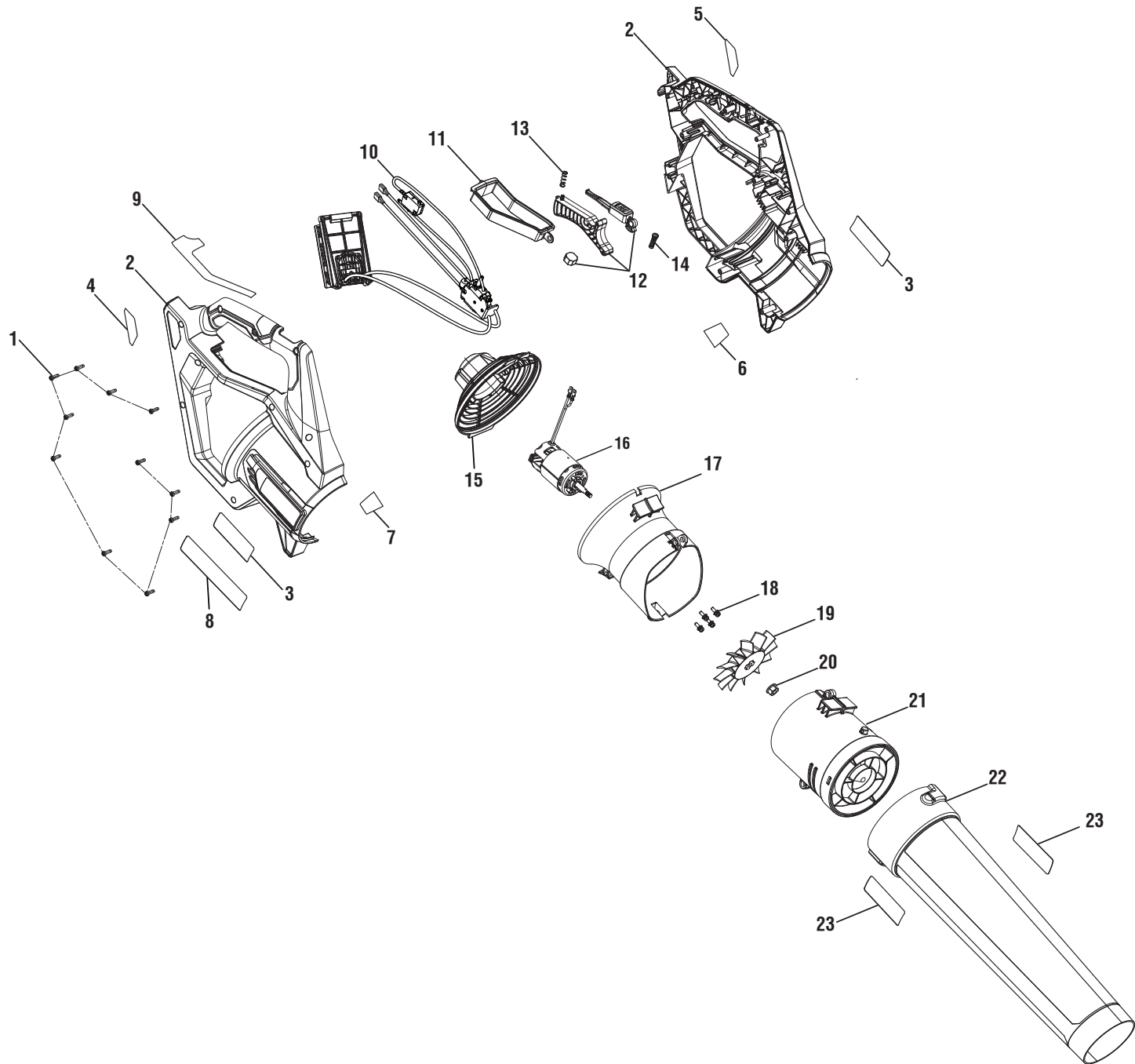
WIRING DIAGRAM

**RYOBI**  
**40 Volt Blower**  
**Mfg. No. 107508001**  
**Item No. RY40406**  
**Repair Sheet**

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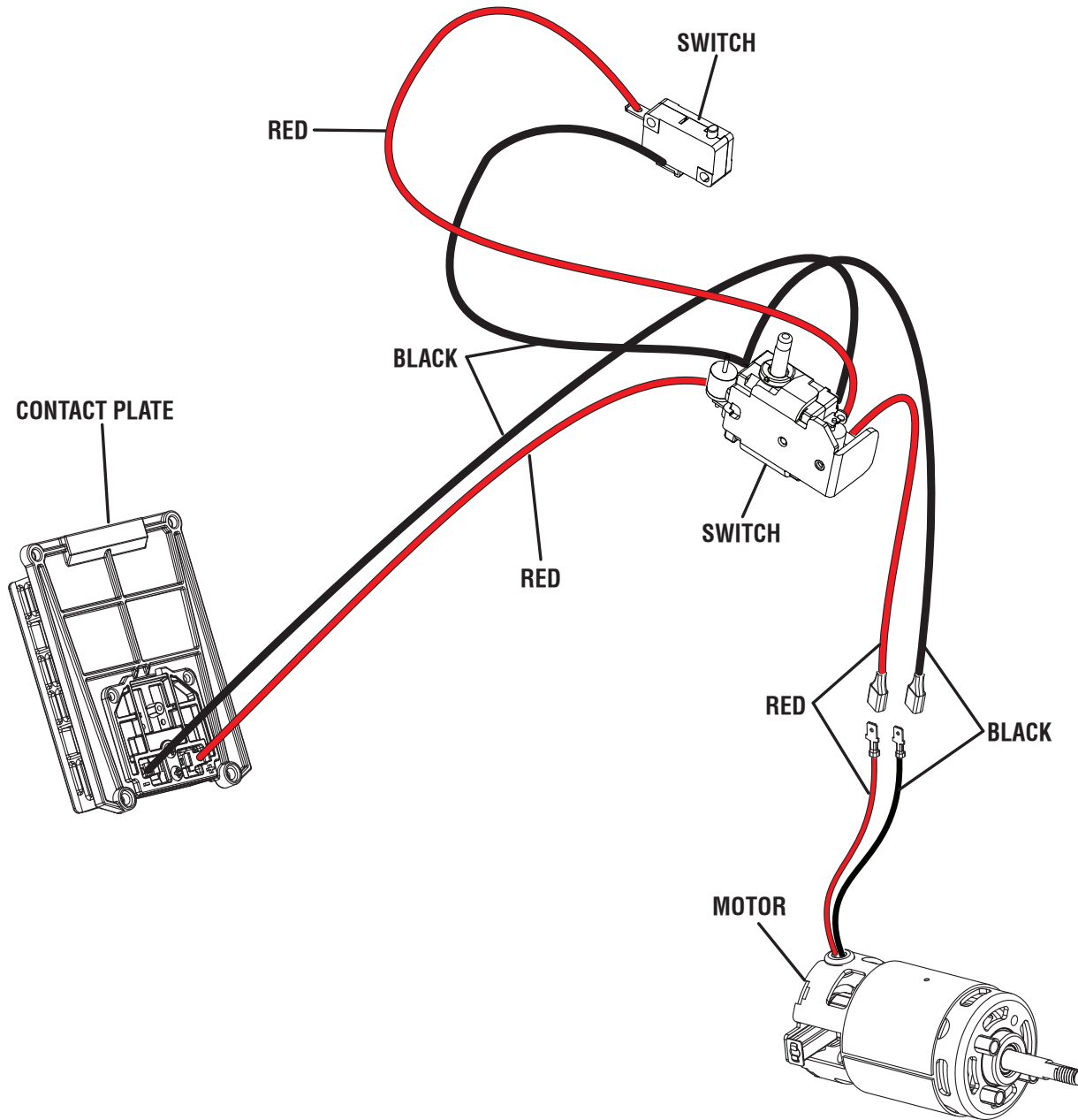
RYOBI BLOWER – ITEM NO. RY40406



PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	661817001	Screw (M4 x 14 mm, T15 Torx Pan Hd.) .....	11
2	314930001	Handle Housing Assembly (Inc. Key Nos. 3-9).....	1
3	940304771	Logo Label .....	2
4	940851472	40V Label (Right).....	1
5	940851475	40V Label (Left) .....	1
6	941588304	Data Label (Left).....	1
7	941588305	Data Label (Right).....	1
8	940851473	Warning Label (Spanish & French).....	1
9	940657324	Warning Icon Label .....	1
10	314929001	Battery Holder & Switches Assembly .....	1
11	537643001	Wire Cover .....	1
12	205103001	Trigger Switch Assembly.....	1
13	671073001	Compression Spring .....	1
14	679973002	Trigger Spring.....	1
15	537640001	Inlet Housing Cover.....	1
16	742510001	Motor (40 volt).....	1
17	537639001	Motor Mounting Housing .....	1
18	661875002	Screw w/Washer (#10-24 x 15 mm, Pan Hd.).....	4
19	537642001	Fan .....	1
20	678128002	Lock Nut (M8).....	1
21	314928001	Outlet Housing Assembly .....	1
22	314931001	Blower Tube Assembly (Inc. Key No. 23) .....	1
23	940851495	Jet Fan Logo Label .....	2
	<b>Not Shown</b>		
	995000714	Operator's Manual	
	12-5-18		
	(Rev:01)		

RYOBI BLOWER - ITEM NO. RY40406



WIRING DIAGRAM