

RYOBI
13 Amp 16 in. Electric Chain Saw
Item No. RY43155
Mfg. No. 099223001
Repair Sheet

TECHTRONIC INDUSTRIES POWER EQUIPMENT

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

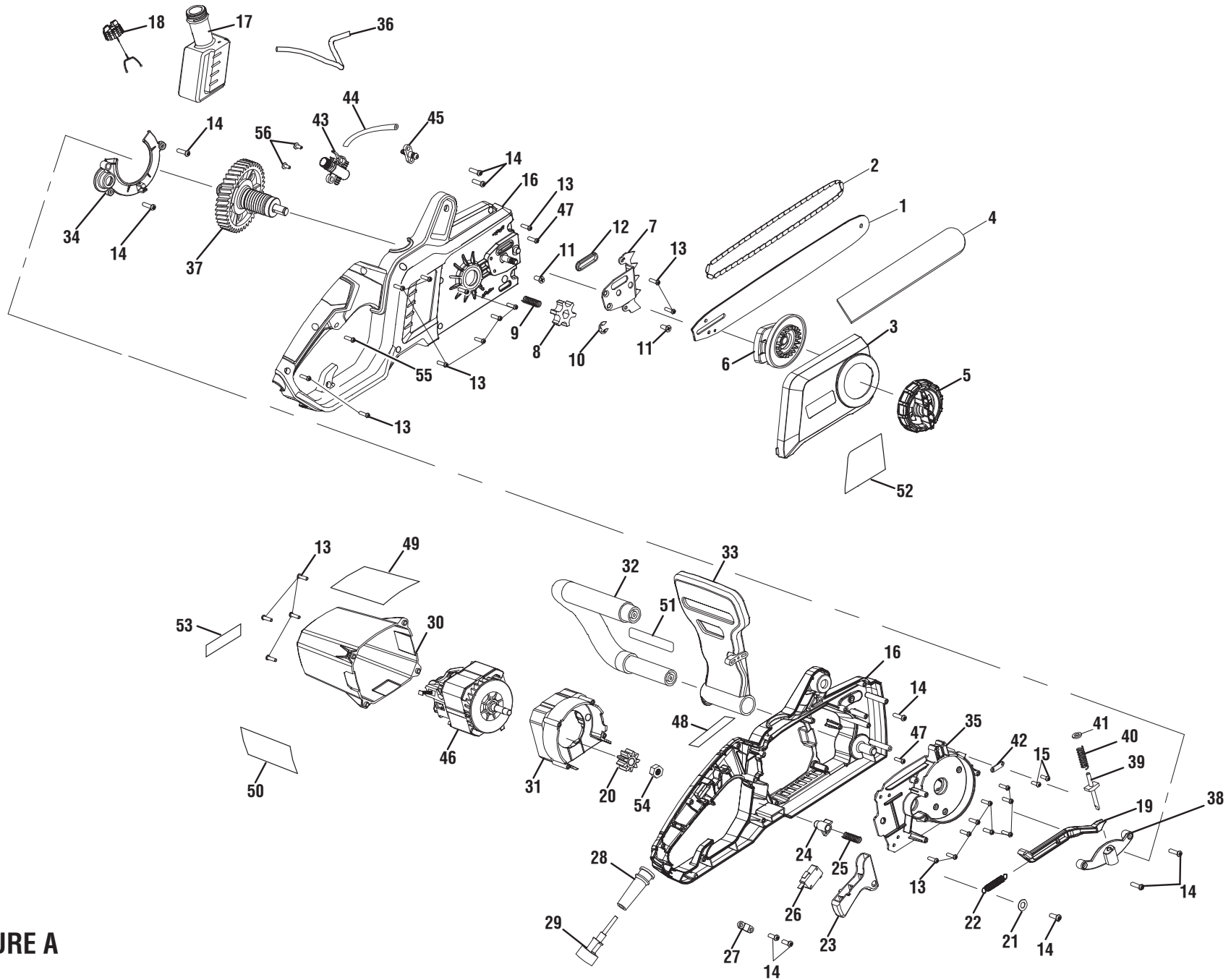


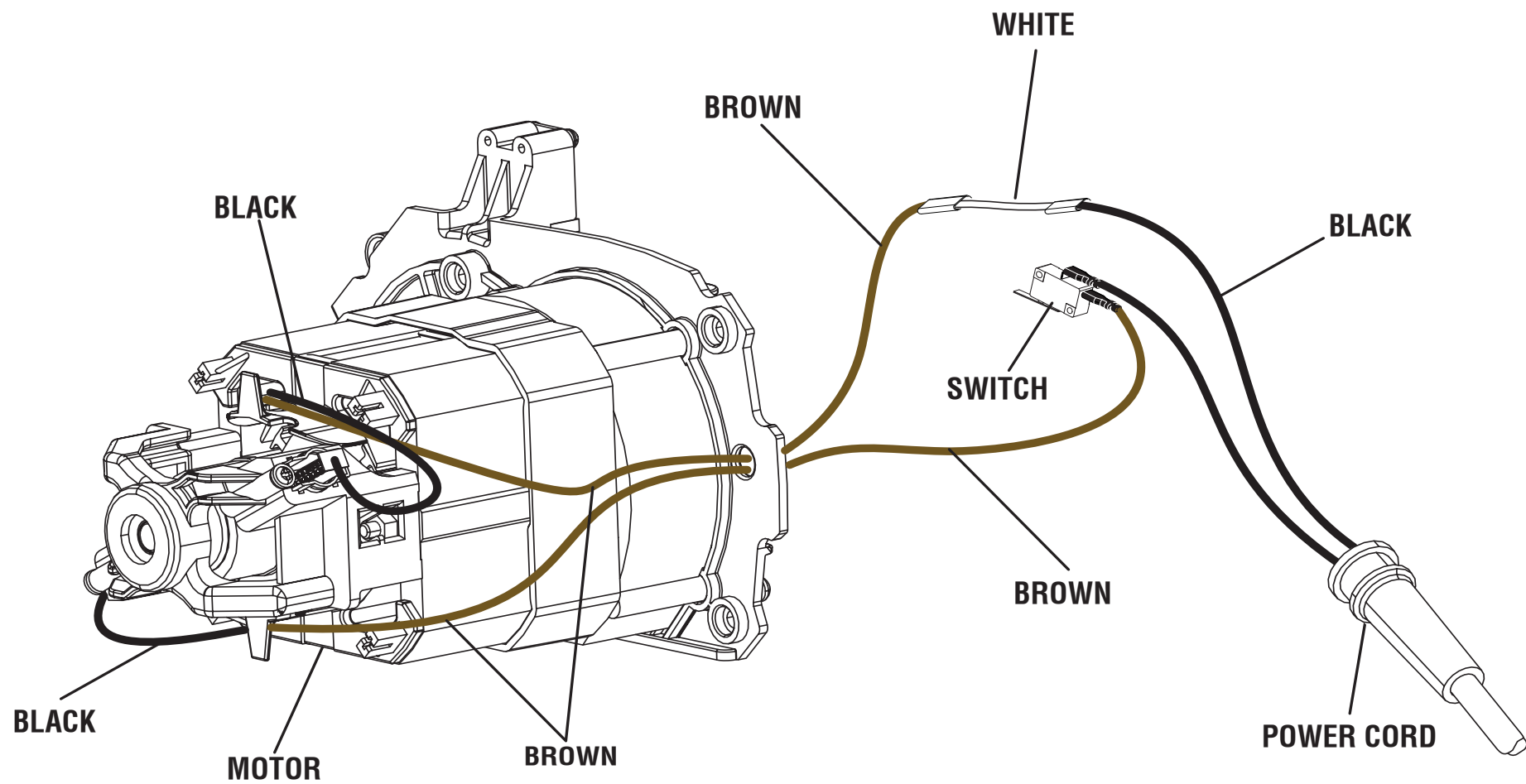
FIGURE A

RYOBI 16 in. ELECTRIC CHAIN SAW – ITEM NO. RY43155

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

PARTS LIST

KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY
1	099223001001 Guide Bar	1	20	099223001050 Sprocket.....	1	42	099223001042 Clamp (Brake Bar)	1
2	099223001002 Chain	1	21	099223001021 Washer	1	43	099223001043 Oil Pump.....	1
3	099223001003 Bar Cover Assembly (Inc. Key No. 52).....	1	22	099223001022 Compression Spring	1	44	099223001044 Oil Tube	1
4	099223001004 Scabbard.....	1	23	099223001023 Trigger	1	45	099223001045 Oil Outlet	1
5	099223001005 Chain Adjusting Knob Assembly	1	24	099223001024 Lock-Off Button.....	1	46	099223001046 Motor Assembly	1
6	099223001006 Chain Tensioner Assembly ...	1	25	099223001025 Compression Spring	1	47	099223001047 Screw (M5 x 20 mm, Pan Hd.)	2
7	099223001007 Guide Plate w/Spike Bar	1	26	099223001026 Switch	1	48	941851243 Data Label	1
8	099223001008 Chain Sprocket.....	1	27	099223001027 Cord Clamp.....	1	49	941851244 Danger/Warning Top Label...1	
9	099223001009 Compression Spring	1	28	099223001028 Bend Relief.....	1	50	941851245 Warning Side Label	1
10	099223001010 E-Clip (Retaining Ring)	1	29	099223001029 Power Cord	1	51	941851246 Warning Icons Label (FR/SP)	1
11	099223001011 Screw (M4 x 10 mm, Pan Hd.)	2	30	099223001030 Motor Cover (Inc. Key Nos. 49-50 & 53) ...1		52	940705432 Ryobi Logo Label (Bar Cover)	1
12	099223001012 Seal Ring	1	31	099223001031 Front Motor Bracket.....	1	53	941545002 Ryobi Logo Label (Motor Housing).....	1
13	099223001013 Screw (M4 x 16 mm, Pan Hd.)	23	32	099223001032 Front Handle.....	1	54	099223001051 Flange Nut (M8).....	1
14	099223001014 Screw (M4 x 12 mm, Pan Hd.)	10	33	099223001033 Front Handle Guard (Inc. Key No. 51).....	1	55	099223001048 Screw (M3 x 12 mm, Pan Hd.)	1
15	099223001015 Screw (M3 x 8 mm, Pan Hd.)	2	34	099223001034 Dust Shield	1	56	099223001049 Screw (M3 x 8 mm, Pan Hd.)	2
16	099223001016 Housing Assembly (Inc. Key No. 48).....	1	35	099223001035 Motor Bracket	1	Not Shown: 995000890 Operator's Manual 5-24-19 (Rev:01)		
17	099223001017 Oil Tank Assembly	1	36	099223001036 Oil Tube	1			
18	099223001018 Oil Tank Cap Assembly	1	37	099223001037 Output Shaft Gear Assembly	1			
19	099223001019 Push Rod.....	1	38	099223001038 Brake Bar Plate	1			
			39	099223001039 Brake Bar	1			
			40	099223001040 Compression Spring	1			
			41	099223001041 Washer	1			



WIRING DIAGRAM

RYOBI
Electric Pole Saw
Model NOS. RY43160 and RY43160A
All Versions
Repair Sheet

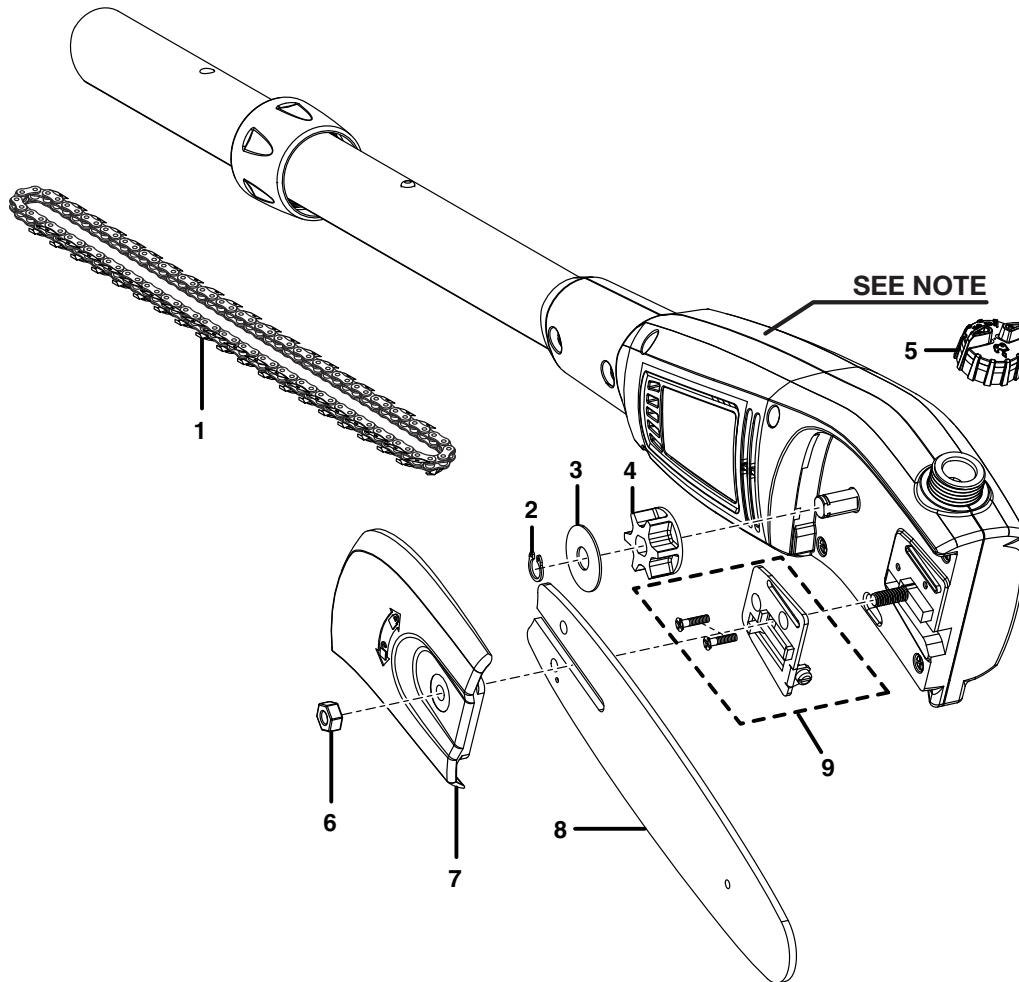
TECHTRONIC INDUSTRIES POWER EQUIPMENT

P.O. Box 1288 Anderson, SC 29622 USA

1-800-860-4050 www.ryobitools.com

RYOBI ELECTRIC POLE SAW MODEL NO. RY43160 – ALL VERSIONS

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

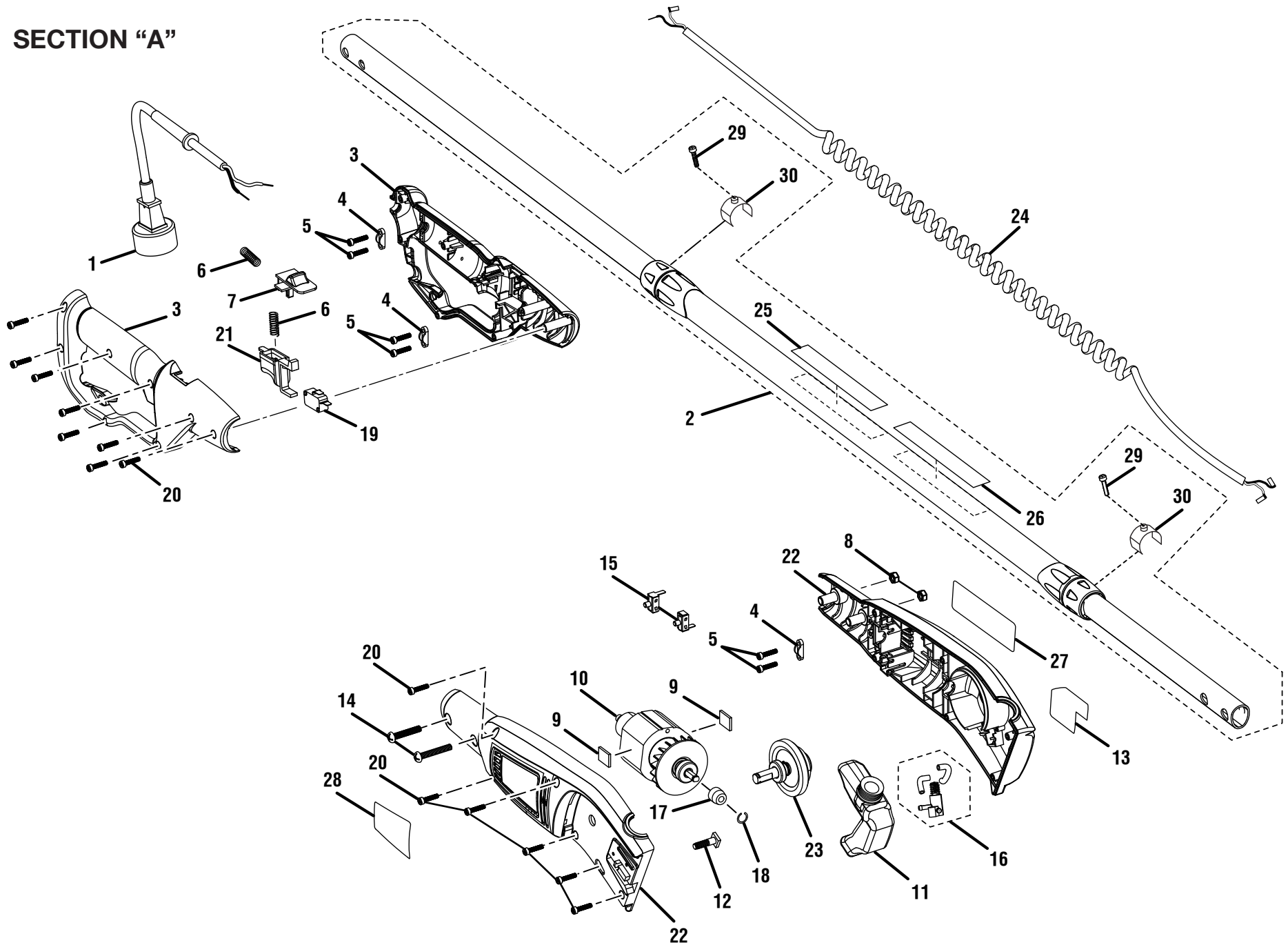


PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	901289001	Chain	1
2	3290875G	Retaining Ring	1
3	33302102G	Washer	1
4	33902102-2G	Sprocket	1
5	34117152-3G	Oil Cap	1
6	32901152G	Hex Nut (M6)	1
7	31308152G	Chain Cover Assembly	1
8	32909152-2G	Bar	1
9	31307152G	Chain Adjustment Assembly	1
10	34288152G	Gasket	1
11	34250152G	Rubber Pad (Side Cover)	1

NOTE: The assembly shown represents an important part of the double insulated system. To avoid the possibility of alteration or damage to the system, service should be performed by your nearest Ryobi Authorized Service Center. For the service center nearest you call 1-800-860-4050.

SECTION "A"

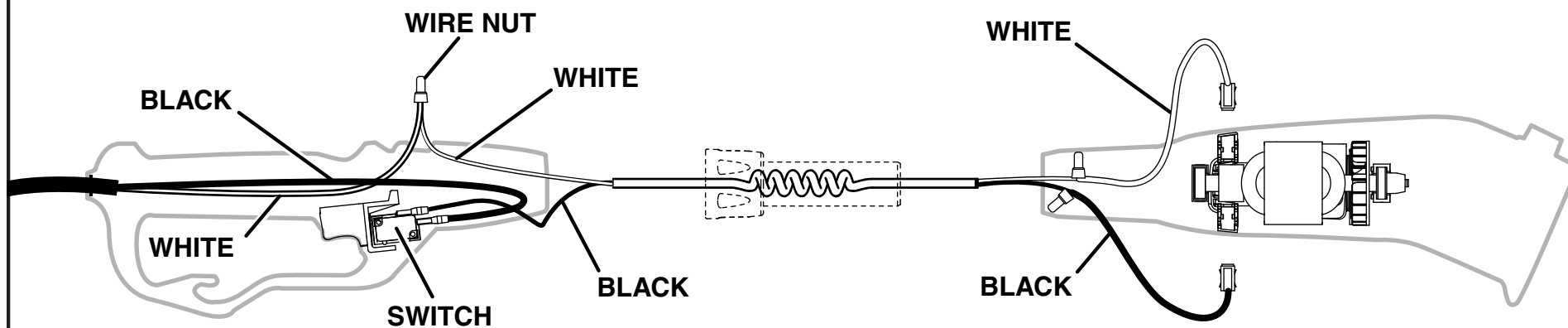


RYOBI ELECTRIC POLE SAW – MODEL NUMBER RY43160 – ALL VERSIONS

PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	31305163G	Power Cord	1	19	36303152G	Switch.....	1
2	31101589G	Pole Assembly (Inc. Key Nos. 25-26 and 29-30)	1	20	3220106G	Screw (M4 x 18 mm).....	14
3	31302152B-3G	Handle Assembly.....	1	21	34118152-3G	Trigger.....	1
4	3410801G	Cord Clamp	3	22	31301152-3G	Housing Assembly.....	1
5	3220905G	Screw (M4 x 12 mm).....	6	23	31303152-1G	Output Shaft Assembly	1
6	33402161G	Compression Spring.....	2	24	31310152G	Spring Cord Assembly.....	1
7	34110152-3G	Lock-off Button	1	25	940657051	Warning Label.....	1
8	32907152G	Lock Nut (M6)	2	26	941107002	Data Label (French/Spanish)	1
9	34204152G	Rubber Pad	2	27	940051065	Logo Label (Left).....	1
10	31311152G	Motor Assembly	1	28	940114416	Logo Label (Right)	1
11	31314152G	Oil Tank Assembly	1	29	32207152G	Screw (M3 x 4 mm).....	2
12	33203152G	Bar Stud (1/4-28).....	1	30	33302163AG	Lock Spring	2
13	941588003	Data Label (English).....	1	Not Shown			
14	32906152G	Screw (M6 x 32 mm).....	2	34161152G	Scabbard		
15	36901152G	Brush Assembly.....	2	988000750	Operator's Manual (RY43160)		
16	31313152G	Oil Pump Assembly	1	990000256	Operator's Manual (RY43160A)		
17	33205152G	Pinion.....	1	1-21-19			
18	32918152G	Retaining Ring	1	(Rev:05)			

WARNING: Improper repair of a double insulated tool can result in damage to the double insulation system possibly causing electrical shock or electrocution. Any repairs requiring disassembly of your tool requires safety testing and should only be performed by a Ryobi Authorized Service Center. For the service center nearest you call 1-800-860-4050.



WIRING DIAGRAM