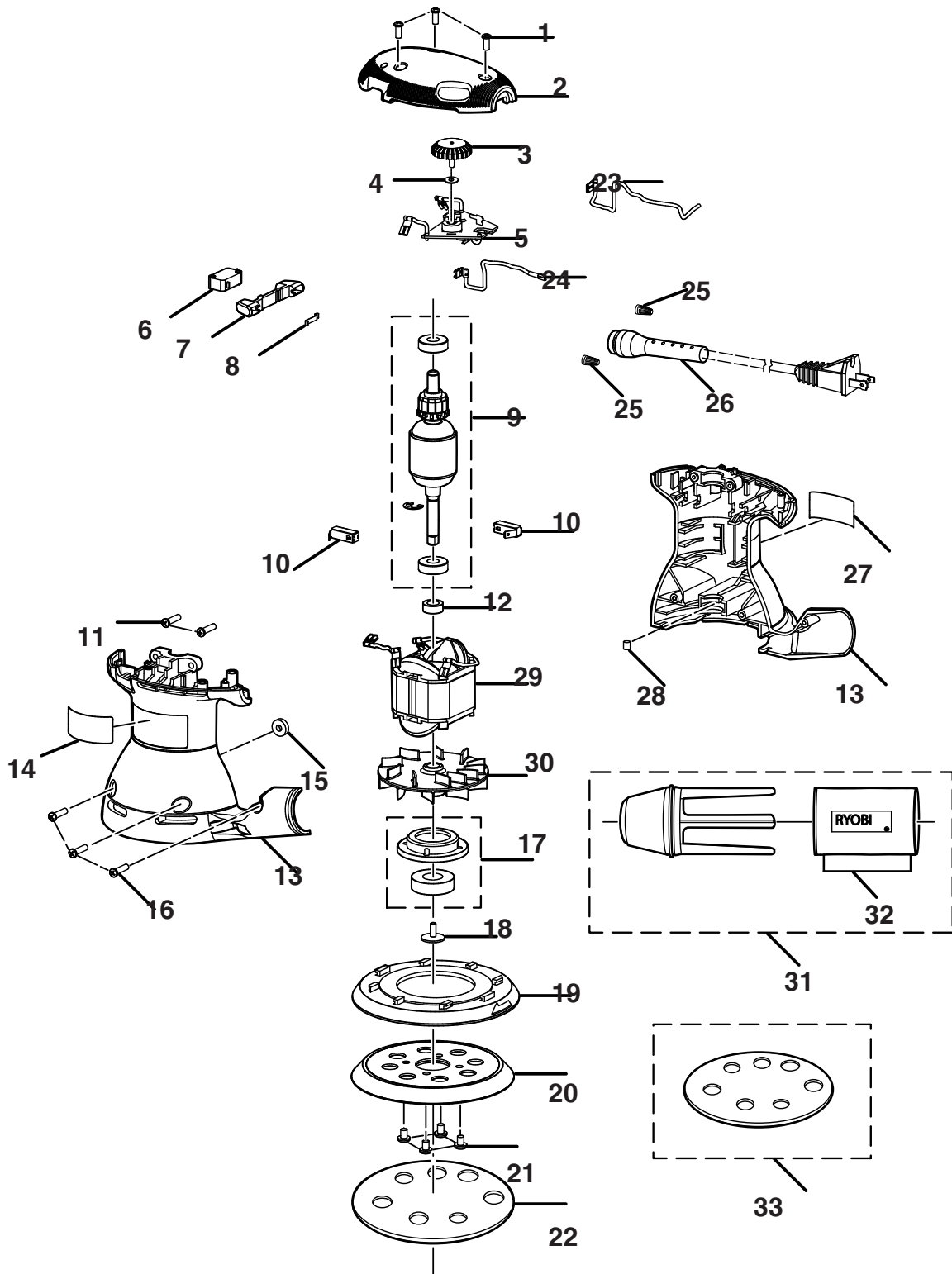


**RYOBI 5 in. (127 mm)
VS RANDOM ORBIT SANDER
MODEL NO. RS281VS
REPAIR SHEET**

RYOBI 5 in. VS RANDOM ORBIT SANDER – MODEL NUMBER RS281VS



NOTE: To avoid the possibility of alteration or damage to this product, service should be performed by your nearest Ryobi Authorized Service Center. For the service center nearest you call 1-800-525-2579.

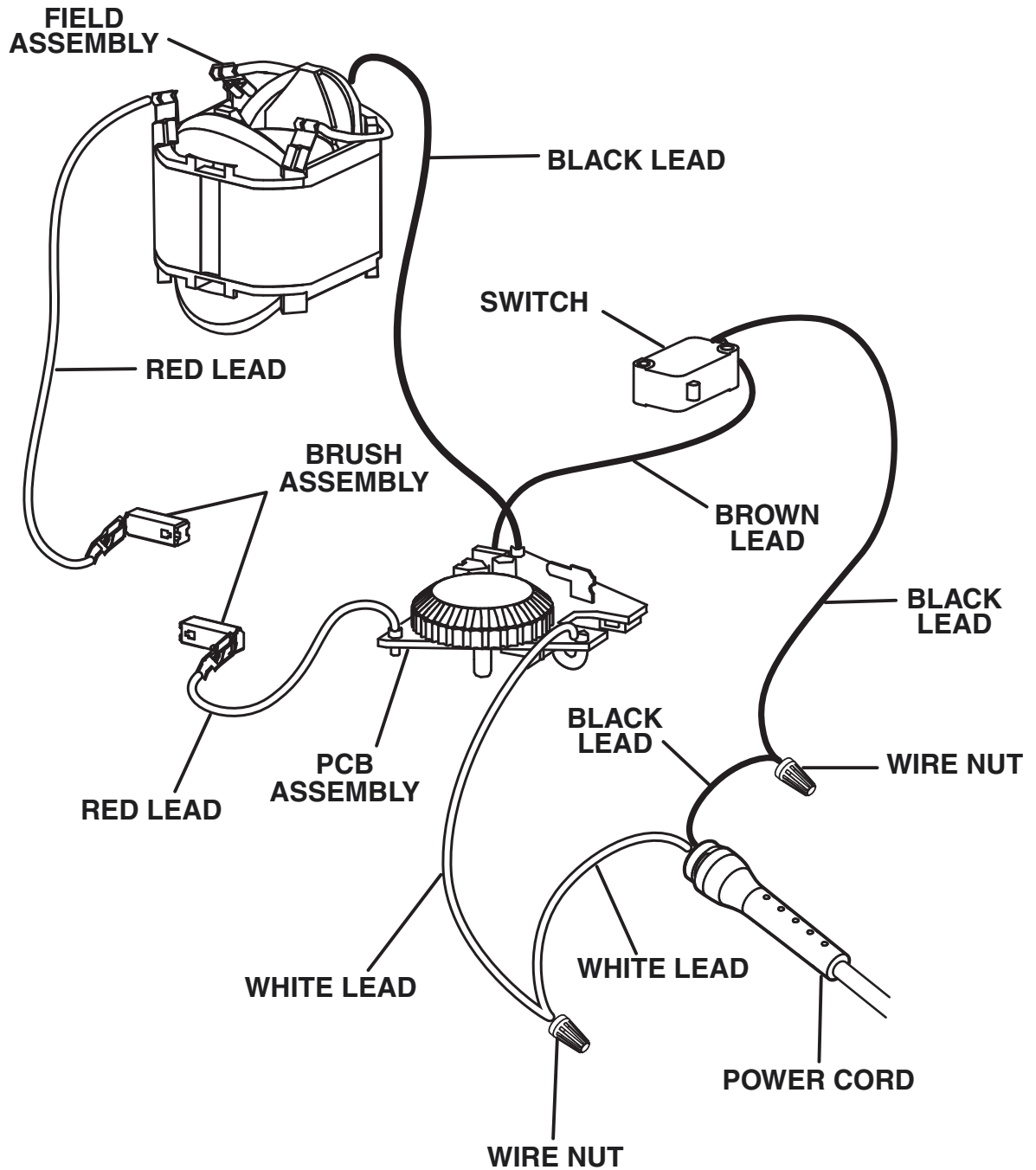
RYOBI 5 in. VS RANDOM ORBIT SANDER – MODEL NUMBER RS281VS

The model number will be found on a plate attached to the motor housing. Always mention the model number in all correspondence regarding your **RANDOM ORBIT SANDER** or when ordering repair parts.

PARTS LIST

Key No.	Part Number	Description	Qty.
1	660133001	SCREW (8-18 X 5/8 in.)	3
2	513041001	TOP CAP.....	1
3	380568001	DIAL-VS	1
4	5574601	NYLON WASHER.....	1
5	280013057	PCB ASSEMBLY	1
6	760227002	SWITCH	1
7	550249001	ACTUATOR	1
8	6947301	ACTUATOR SPRING.....	1
9	2910602	ARMATURE ASSEMBLY	1
10	2907514	BRUSH ASSEMBLY	2
11	990908008	SCREW (6-19 X 9/16 in. PAN HD.).....	2
12	5926901	SPACER	1
13	200202312	HOUSING ASSEMBLY	1
14	940999015	DATA LABEL.....	1
15	550408001	WASHER.....	1
16	990908009	SCREW (6-19 X 5/8 in. PAN HD.).....	3
17	3054605	BEARING CAP & BEARING ASSEMBLY	1
18	660369002	* SCREW W/WASHER (8-32 X 1/2 in.)	1
19	5524801	BRAKE SKIRT.....	1
20	300527003	5 in. DISC ASSEMBLY.....	1
21	660136001	* SCREW (10-32 X 1/4 in.)	4
22	300552012	SANDPAPER.....	1
23	2913502	RECEPTACLE & WIRE ASSEMBLY (BLK)	1
24	2913501	RECEPTACLE & WIRE ASSEMBLY (BRN)	1
25	623173007	WIRE NUT	2
26	730377014	POWER CORD	1
27	940999016	LOGO LABEL.....	1
28	550339001	RUBBER PLUG.....	1
29	2910502	FIELD ASSEMBLY	1
30	640835002	FAN/COUNTERBALANCE	1
31	300027030	DUST BAG ASSEMBLY (Includes Key No. 32)	1
32	900491005	DUST BAG	1
33	900482001	CONVERSION PAD	1
	983000627	OPERATOR'S MANUAL	
	983000627R	REPAIR SHEET (REV:00)	
	02-04-05		

* Standard Hardware Item – May Be Purchased Locally



WIRING DIAGRAM