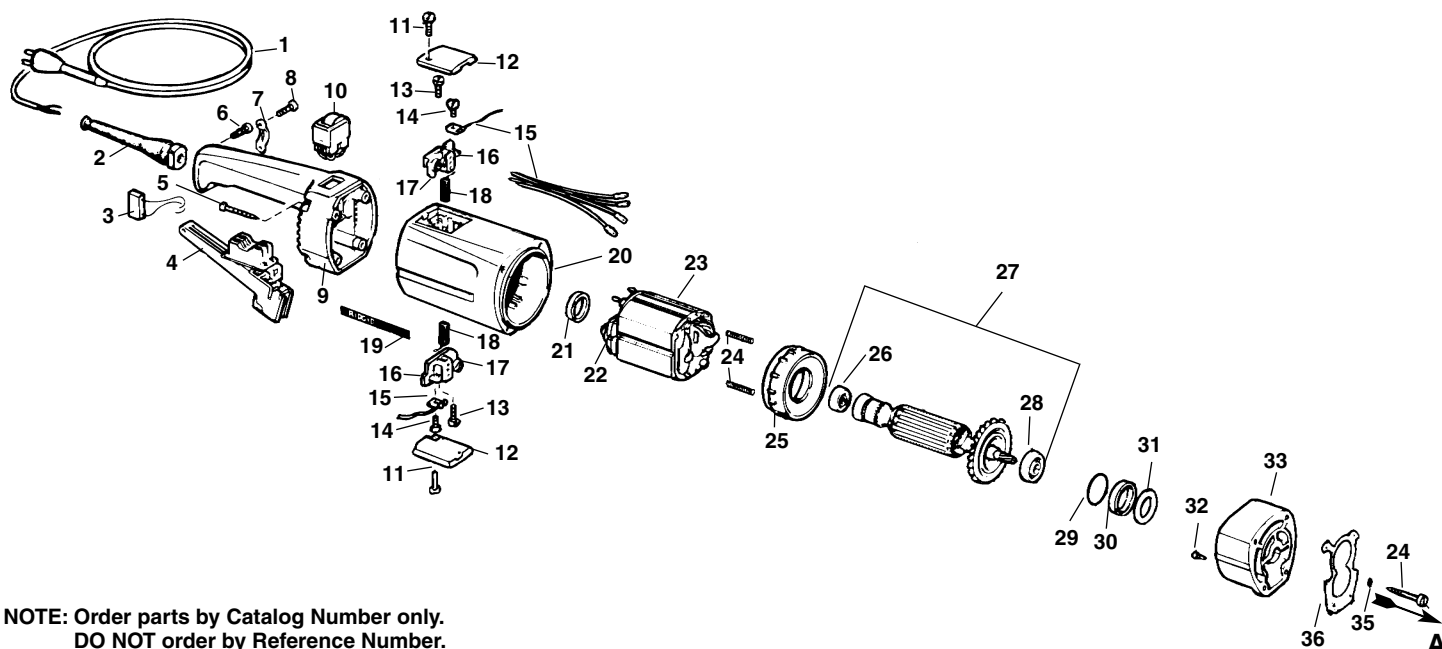
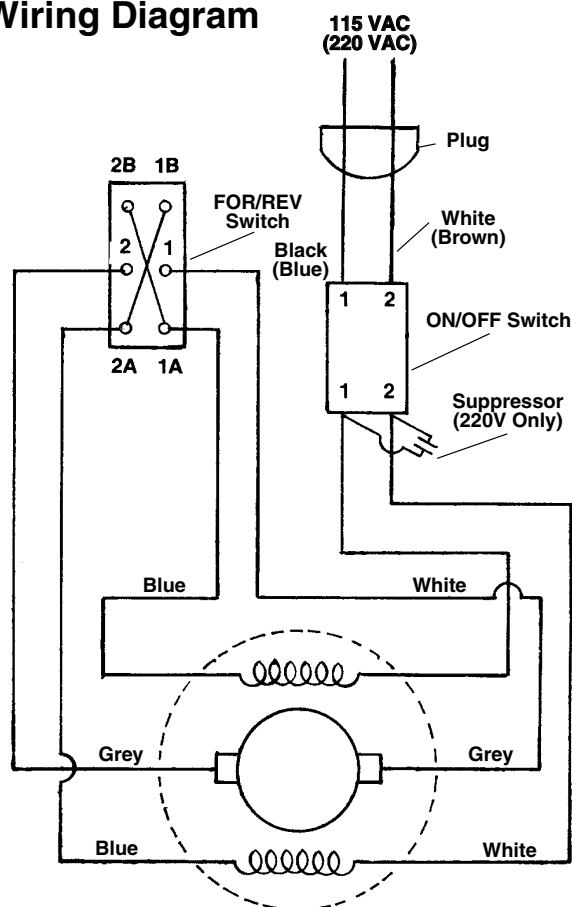


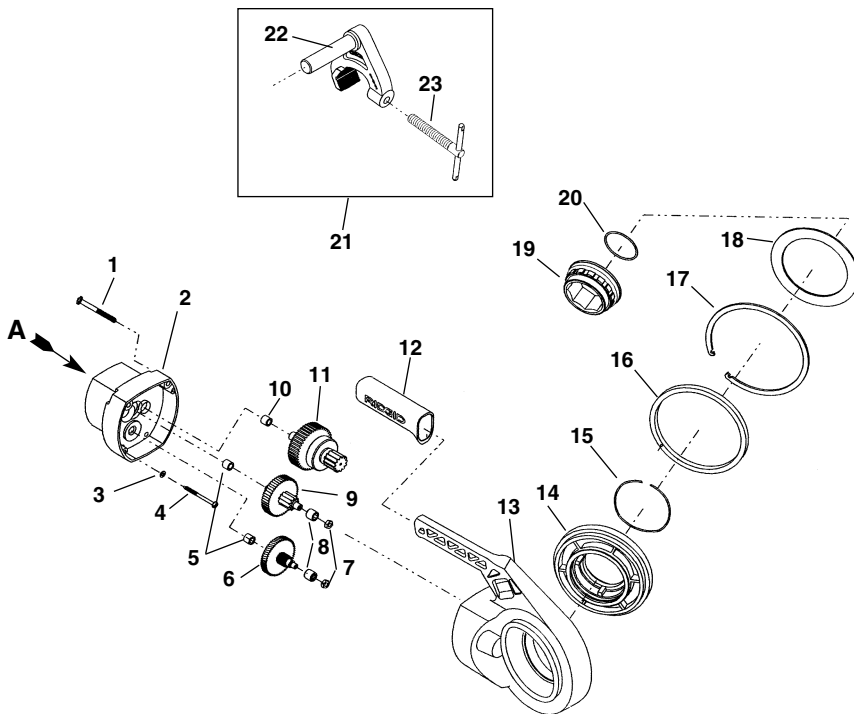


**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	20746	Cord w/Plug (115V)
	20276	Cord w/Plug (230V - Europe)
2	20286	Sleeve
3	20326	Suppressor
4	20266	ON/OFF Switch
5	20586	Screw (4)
6	20576	Screw (3)
7	20296	Cable Clamp
8	20566	Screw (2)
9	20526	Handle
10	21796	Switch (115V)
	20516	Switch (230V)
11	20546	Screw (2)
12	20496	Cap (2)
13	20556	Screw (2)
14	20406	Screw (2)
15	20396	P.V.C. Wire (2)
16	20356	Brush Holder (2)
17	20316	Coil Spring (2)
18	20306	Set of 2 Brushes
19	34382	Name Plate
20	20236	Motor Housing
21	20506	Spacer
22	20386	Lead Wire Plate
23	21716	Field (115V)
	20246	Field (230V)
24	20486	Pressure Spring (2)
25	20476	Fan Housing
26	20336	Bearing
27	21736	Armature (115V)
	20256	Armature (230V)
28	47477	Bearing
29	20466	Spring Ring
30	20456	Spacer
31	20446	Washer
32	34387	Screw (2)
33	34392	Fan Housing
34	34397	Screw (2)
35	34517	Brass Washer (2)
36	34512	Gasket

Wiring Diagram



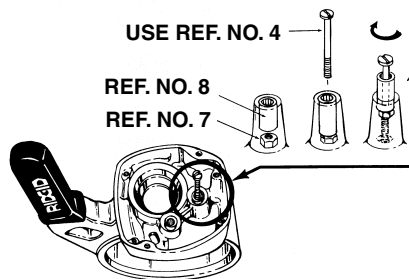


**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

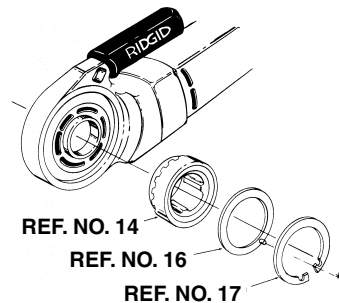
Ref. No.	Catalog No.	Description
1	43227	1/4" - 20 x 2 1/2" Screw (4)
2	43232	Fan Housing
3	34517	Brass Washer (4)
4	34397	4.8 x 65mm Screw (4)
5	43247	Needle Bearing (2)
6	43237	1st Intermediate Gear
7	77710	1/4" - 20 Hex Nut
8	43242	Needle Bearing (2)
9	43252	2nd Intermediate Gear
10	43257	Needle Bearing
11	43262	Main Drive Pinion
12	34487	Hand Grip
13	43267	Gear Housing
14	43272	Face Gear w/Cap
15	39172	Spring Ring
16	43277	Ring Bearing w/Pin
17	43282	Retaining Ring
18	43287	Cap
19	39187	Ratchet Ring Adapter
20	38830	Ratchet Ring Spring
21	43292	Support Arm Assembly
22	43297	Arm
23	43302	Screw Assembly

Service Notes

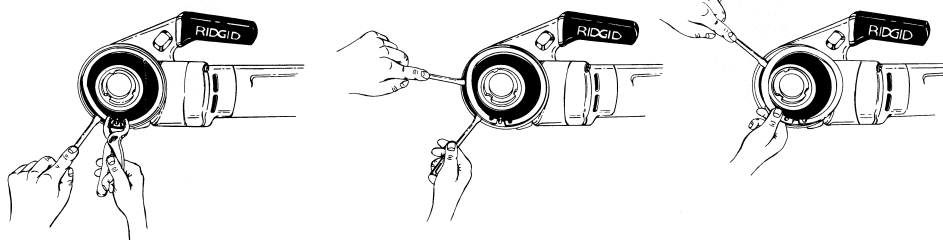
REF. NO. 8 BEARING REMOVAL



REF. NO. 16 RING BEARING (PIN) ORIENTATION



REF. NO. 17 RETAINING RING REMOVAL



STEP 1

STEP 2

STEP 3