



# SERVICE PARTS LIST

**BUL.54-10-0523**

## 1/2" ELECTRIC DRILL

REVISED BUL 6109-4      DATE Feb. '68

**Catalog No. 1600-1**

Starting Serial No. **109-9140**

WIRING INSTR. **58-01-0530**

Both Model and Serial No. must be furnished to obtain correct parts.

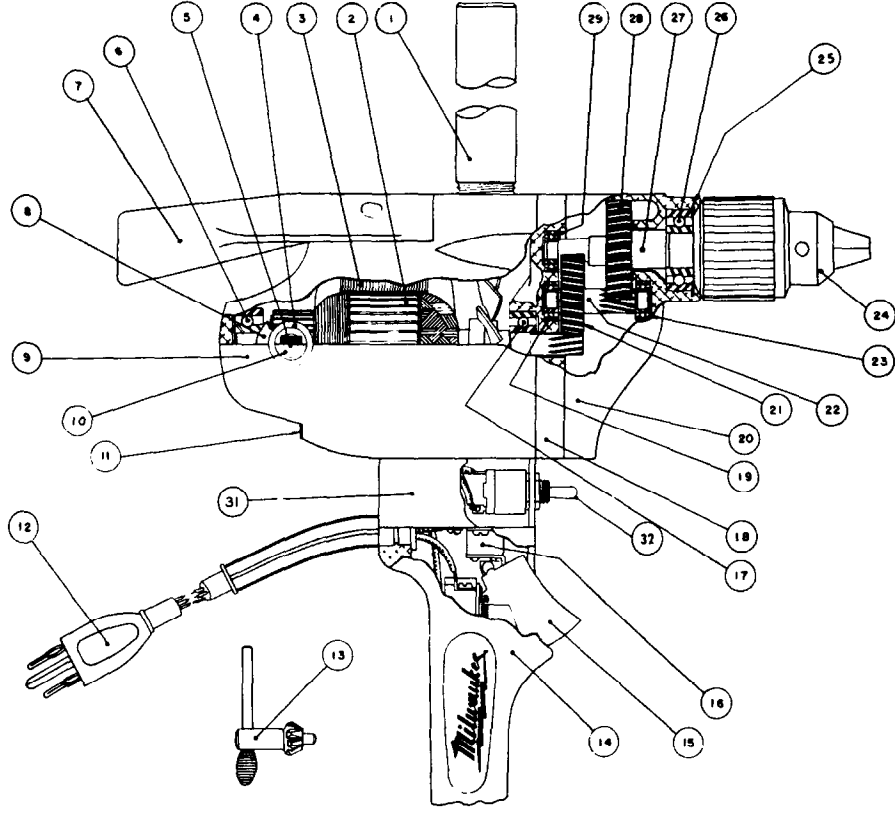


FIG.	PART NO.	DESCRIPTION OF PART
1	43-62-0230	Pipe Handle
★ 2	16-62-1140	Armature Assembly
★ 3	18-62-1110	Field Assembly
4	22-22-0120	Brush Holder Assembly
5	22-18-0170	Carbon Brush Assembly
6	02-04-0970	Ball Bearing
7	28-44-7041	Spade Handle
8	23-86-0130	Brush Holder Washer
9	28-50-4644	Body
10	23-44-0065	Brush Retaining Screw
11	44-66-0140	Air Intake Cover Plate
12	22-64-0170	Cord Set (3 Wire - 3 Prong Plug)
13	48-66-3280	Chuck Key
14	28-44-9121	Switch Handle
15	23-66-0190	Switch
16	42-36-0180	Switch Bracket

ILLUSTRATED PARTS NO. REQ.	FIG.	PART NO.	DESCRIPTION OF PART
		17	02-04-1070 Ball Bearing
		18	28-28-0621 Diaphragm
		19	02-04-0820 Ball Bearing
(2)		20	28-14-0721 Gear Case
(2)		21	32-40-1261 Intermediate Gear
		22	36-66-2051 Intermediate Shaft
		23	02-04-0820 Ball Bearing
(2)		24	48-66-1380 Chuck (5/8 - 16 Thread)
		25	34-80-2500 Spindle Ball Brg. Ret. Ring
(2)		26	02-04-1650 Ball Bearing
		27	38-50-2651 Spindle
		28	32-75-1621 Spindle Gear
		29	02-04-0820 Ball Bearing
		31	28-50-7081 Reverse Switch Housing
		32	23-66-0198 Reverse Switch

**MISCELLANEOUS PARTS NOT SHOWN**

PART NO.	DESCRIPTION OF PART	NO. REQ.	PART NO.	DESCRIPTION OF PART	NO. REQ.
42-70-0060	Spade Handle Key Clip		06-81-8650	6-32x1/4 Rd. Hd. Sems Comm. Cover Plate Scrs.	(2)
12-98-3725	Name Plate		06-81-8200	4-36 x 3/16 Rd. Hd. Name Plate Screws	(2)
06-42-2000	Spindle Woodruff Key		06-83-2670	1/4-20 x 1/2 Hd'less Brush Holder Set Screws	(2)
06-42-1200	Intermediate Shaft Woodruff Key		06-81-8650	6-32 x 1/4 Rd. Hd. Sems Switch Bracket Screws	(2)
06-81-7100	10-24 x 1-3/16 Fil. Hd. Sems Gear Case Srs.	(2)	06-81-5800	6-32 x 5/16 Fil. Hd. Sems Spade Handle Screws	(2)
06-81-7200	10-24 x 1-7/16 Fil. Hd. Sems Gear Case Sr. (top)	(2)	★06-81-8650	6-32x1/4 Rd. Hd. Sem Key Clip Screws	(2)
06-81-6700	8-32 x 1-7/8 Fil. Hd. Sems Field Screws		45-30-0060	Ball Bearing Ret. Plug	(2)
06-81-1550	12-24 x 1 1/4 Fil. Hd. Switch Handle Screws	(4)	06-81-8625	6-32 x 1/4 Rd. Hd. Sem Brass Ground Screw	
06-81-7500	12-24 x 5/8 Fil. Hd. Spade Handle Sems	(2)	42-68-0090	Lead Clamp	
★06-97-1800	Switch Lock Washers	(4)	★06-75-3150	1/4-20x1" Skt. Hd. Chuck Cap Screw (L.H.)	
★06-97-3600	Lock Washers	(4)	★49-96-0080	Socket Wrench	
★22-75-0055	Switch Dial		★48-03-0010	Plug Adaptor	