



SERVICE PARTS LIST

BULLETIN NO.
54-06-0128

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

REVISED BULLETIN

54-06-0127

DATE

Sept. 2013

1/2" PISTOL GRIP DRILL

CATALOG NO. 0299-20

**STARTING
SERIAL NO.**

A15D

WIRING INSTRUCTION

See Pages 2 & 3

EXAMPLE:
Component Parts (Small #) Are
Included When Ordering The
Assembly (Large #).

★ = Part number change from
previous service parts list.

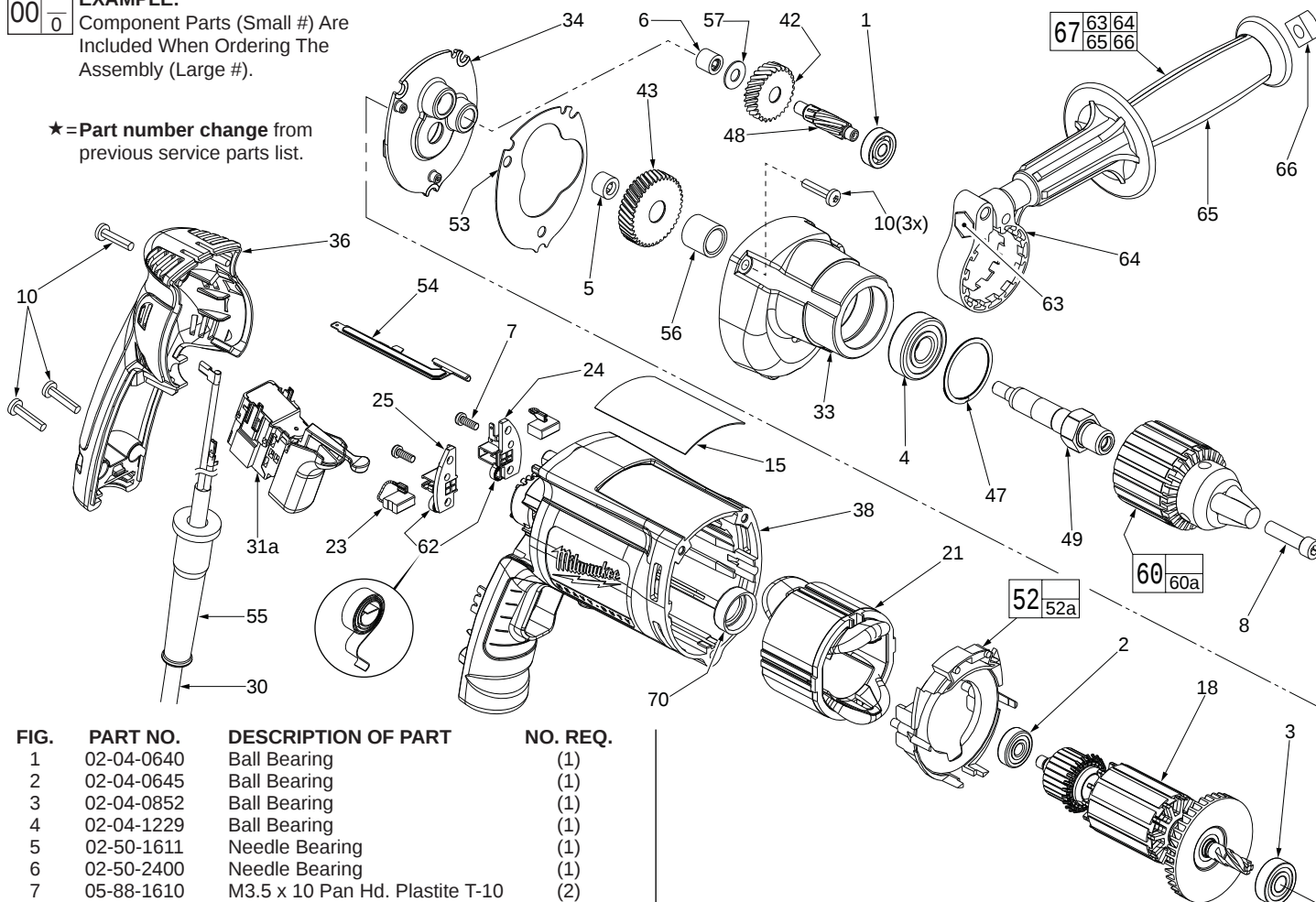


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-04-0640	Ball Bearing	(1)
2	02-04-0645	Ball Bearing	(1)
3	02-04-0852	Ball Bearing	(1)
4	02-04-1229	Ball Bearing	(1)
5	02-50-1611	Needle Bearing	(1)
6	02-50-2400	Needle Bearing	(1)
7	05-88-1610	M3.5 x 10 Pan Hd. Plastite T-10	(2)
8	06-75-3150	1/4-20 x 1 L.H. Thread Slit. Screw	(1)
10	06-82-7275	7-18 x 3/4 Slotted Plastite T-20	(6)
15	12-99-2565	Service Nameplate	(1)
18	16-10-2210	Armature	(1)
21	18-07-7220	Field	(1)
23	22-18-1310	Brush Assembly	(2)
24	22-20-0090	Left Brush Holder	(1)
25	22-20-0095	Right Brush Holder	(1)
30	22-64-1130	Cord Set	(1)
31a	23-66-2605	Switch (Defond) See page 2 wiring	(1)
31b	23-66-2585	Switch (Marquardt) See page 3 wiring	(1)
33	28-14-2390	Gearcase	(1)
34	28-28-2320	Diaphragm	(1)
36	31-15-2020	Handle Halve	(1)
★ 38	31-50-0527	Motor Housing	(1)
42	32-40-0100	Intermediate Gear	(1)
43	32-75-0100	Spindle Gear	(1)
47	34-80-2300	Retaining Ring	(1)
48	36-66-0100	Intermediate Shaft	(1)
49	38-50-5735	Spindle	(1)
52	42-14-0450	Baffle Assembly	(1)
52a	45-30-0030	Slug (Not shown)	(2)
53	43-44-0985	Gasket	(1)
54	44-60-1700	Ground Pin	(1)
55	44-76-0210	Cord Protector	(1)
56	45-36-1095	Spindle Spacer	(1)
57	45-88-7990	Thrust Washer	(1)
60	48-66-1355	1/2" Chuck	(1)
60a	48-66-3280	Chuck Key (Not Shown)	(1)
62	23-52-1610	Brush Spring	(2)
63	06-75-2850	3/8-16 x 5-1/2" Hex Cap Screw	(1)
64	42-68-0800	Side Handle Clamp	(1)
65	43-62-0845	Side Handle	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
66	06-54-0325	3/8-16 Square Nut	(1)
67	49-15-0265	Side Handle Assembly	(1)
★ 70	43-86-0125	Bearing Cup	(1)
	23-94-0490	White Leadwire Assy. (See pages 2 & 3)	(1)
	23-94-0495	Red Leadwire Assy. (See pages 2 & 3)	(1)
	48-66-4040	Chuck Key Holder (Not Shown)	(1)

LUBRICATION (Type "Y" Grease, No. 49-08-5270)

- Place 5 gm. (.02 oz.) of grease on top of the inserted intermediate ball bearing (1) and on the intermediate pinion (48).
- After inserting all gearing, place 13 gm. (.46 oz.) of grease at the armature pinion location in the gearcase (33) and fill to the top of the intermediate gear (42). Grease must contact at least 25% of the intermediate gear teeth.

Before assembly, lightly coat all press fit areas with lightweight spindle oil.

- FIG. 4,43** **NOTES:** Support the output ball bearing inside the gearcase before pressing off the spindle gear.
- 5,6** Needle bearings to be pressed flush to .010 under flush from the end which has the vendors identification.

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Drwg. 1