BULLETIN NO. 54-06-2928

DATE

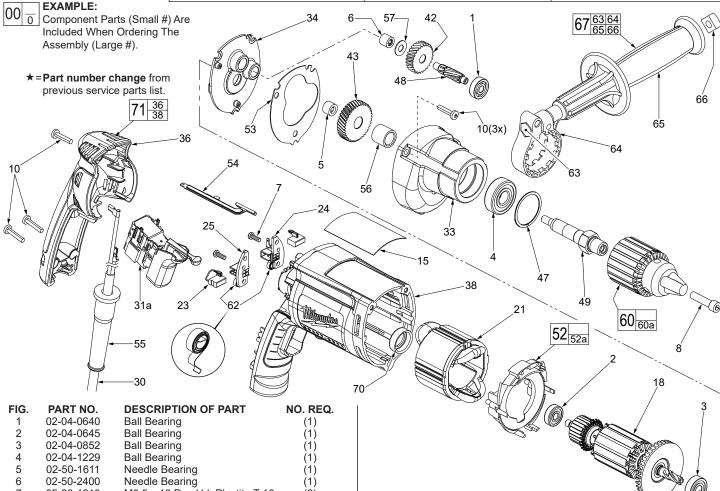
Aug. 2022

REVISED BULLETIN

54-06-2927

Milwaukee SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS 1/2" PISTOL GRIP DRILL

WIRING INSTRUCTION STARTING SERIAL NO. 070D 0300-20 See Pages 2 & 3 CATALOG NO.



PART NO.	DESCRIPTION OF PART N	O. REQ.
02-04-0640	Ball Bearing	(1)
02-04-0645	Ball Bearing	(1)
02-04-0852	Ball Bearing	(1)
02-04-1229	Ball Bearing	(1)
02-50-1611	Needle Bearing	(1)
02-50-2400	Needle Bearing	(1)
05-88-1610	M3.5 x 10 Pan Hd. Plastite T-10	(2)
06-75-3150	1/4-20 x 1 L.H. Thread Slt. Screw	(1)
06-82-7275	7-18 x 3/4 Slotted Plastite T-20	(6)
12-99-2565	Service Nameplate	(1)
16-10-2210	Armature	(1)
18-07-7220	Field	(1)
22-18-1310	Brush Assembly	(2)
22-20-0090	Left Brush Holder	(1)
22-20-0095	Right Brush Holder	(1)
22-64-1130	Cord Set	(1)
23-66-2605	Switch (Defond) See page 2 wiring	(1)
23-66-2585	Switch (Marquardt) See page 3 wiri	ng(1)
28-14-2390	Gearcase	(1)
28-28-2320	Diaphragm	(1)
	Handle Halve	(1)
	Motor Housing	(1)
32-40-0100	Intermediate Gear	(1)
32-75-0100	Spindle Gear	(1)
34-80-2300	Retaining Ring	(1)
36-66-0100	Intermediate Shaft	(1)
38-50-5735	Spindle	(1)
42-14-0450	Baffle Assembly	(1)
45-30-0030	Slug (Not shown)	(2)
43-44-0985	Gasket	(1)
44-60-1700	Ground Pin	(1)
44-76-0210	Cord Protector	(1)
45-36-1095	Spindle Spacer	(1)
45-88-7990		(1)
48-66-1355		(1)
		(1)
23-52-1610	Brush Spring	(2)
		(1)
		(1)
43-62-0845	Side Handle	(1)
	02-04-0640 02-04-0645 02-04-0852 02-04-1229 02-50-1611 02-50-2400 05-88-1610 06-75-3150 06-82-7275 12-99-2565 16-10-2210 18-07-7220 22-18-1310 22-20-0090 22-20-0095 22-64-1130 23-66-2605 23-66-2585 28-14-2390 28-28-2320 	02-04-0645 Ball Bearing 02-04-0852 Ball Bearing 02-04-0852 Ball Bearing 02-04-1229 Ball Bearing 02-50-1611 Needle Bearing 05-88-1610 M3.5 x 10 Pan Hd. Plastite T-10 06-75-3150 1/4-20 x 1 L.H. Thread Slt. Screw 06-82-7275 7-18 x 3/4 Slotted Plastite T-20 12-99-2565 Service Nameplate 16-10-2210 Armature 18-07-7220 Field 22-18-1310 Brush Assembly 22-20-0090 Left Brush Holder 22-20-0095 Right Brush Holder 22-20-0095 Right Brush Holder 22-64-1130 Cord Set 23-66-2605 Switch (Defond) See page 2 wiring 23-66-2885 Switch (Marquardt) See page 3 wiring 28-14-2390 Gearcase 28-28-2320 Diaphragm

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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)
	31-53-0205	Lock Button Plug (Not Shown)	(1)
71	31-15-2010	Handle/Motor Housing Kit	(1)

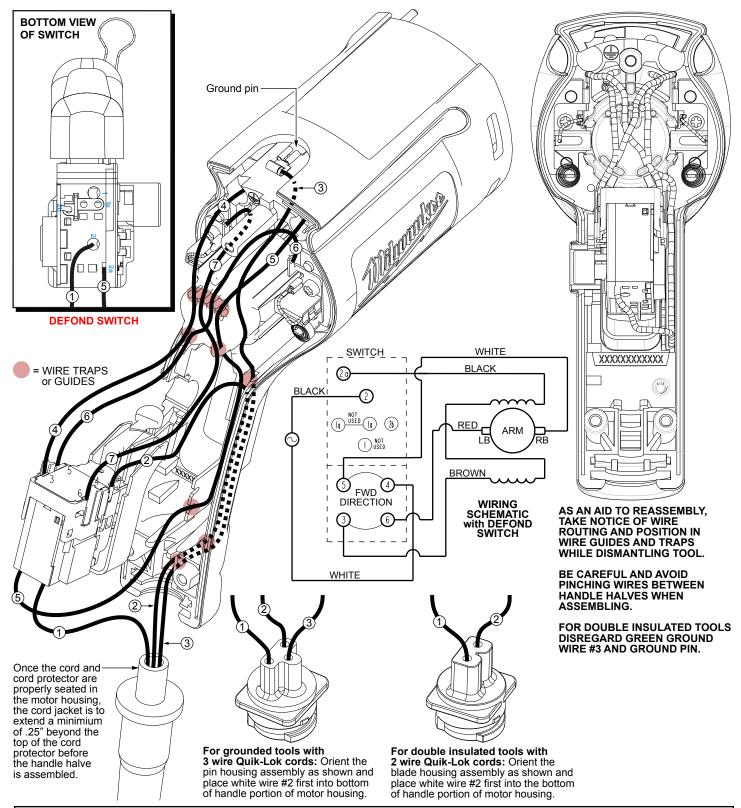
- LUBRICATION (Type "Y" Grease, No. 49-08-5270)
 Place 5 gm. (.02 oz.) of grease on top of the inserted intermediate ball bearing (1) and on the intermediate pinion (48).
- After inserting all gearing, place 13 gm. (.46 oz.) of grease at the armature pinion location in the gearcase (33) and fill to the 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.

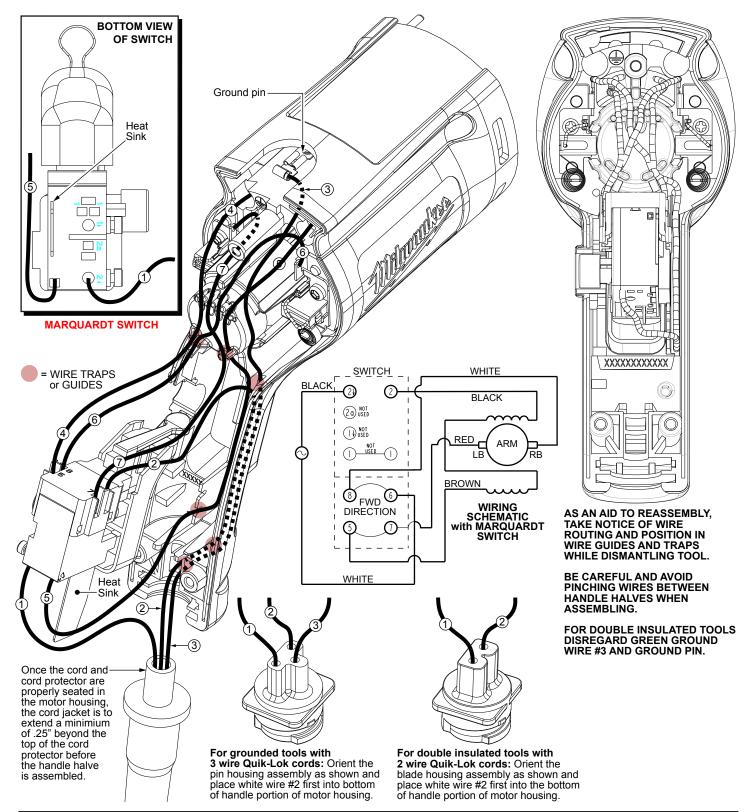
FIG. NOTES:

- 4,43 Support the output ball bearing inside the gearcase before pressing off the spindle gear.
- Needle bearings to be pressed flush to .010 under flush 5.6 from the end which has the vendors identification.

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	WIRING SPECIFICATIONS				
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation	
1	Black	*		*Component of cord set, pin hsg. assy. or blade hsg. assy. Connect to #2 on switch bottom.	
2	White	*		*Component of cord set, pin hsg. assy. or blade hsg. assy. Connect to #4 on switch top.	
3	Green	*		*Component of cord set, pin hsg. assy. or blade hsg. assy. Connect to male tab on ground terminal.	
4	Brown	Field		Component of field. Connect to #3 on switch top.	
5	Black	Field		Component of field. Connect to #2a on switch bottom.	
6	White	23-94-0490		Leadwire assembly. Connect to right brush holder and #5 on switch top.	
7	Red	23-94-0495		Leadwire assembly. Connect to left brush holder and #6 on switch top.	
BULK LEAD WIRE - BULLETIN NO. 58-01-0003					



	WIRING SPECIFICATIONS				
Wire No.	Wire	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation	
1	Color Black	*		*Component of cord set, pin hsg. assy. or blade hsg. assy. Connect to #2 \$\Pi\$ on switch bottom.	
2	White	*		*Component of cord set, pin hsg. assy. or blade hsg. assy. Connect to #6 on switch top.	
3	Green	*		*Component of cord set, pin hsg. assy. or blade hsg. assy. Connect to male tab on ground terminal.	
4	Brown	Field		Component of field. Connect to #5 on switch top.	
5	Black	Field		Component of field. Connect to #2 on switch bottom.	
6	White	23-94-0490		Leadwire assembly. Connect to right brush holder and #8 on switch top.	
7	Red	23-94-0495		Leadwire assembly. Connect to left brush holder and #7 on switch top.	
BULK LEAD WIRE - BULLETIN NO. 58-01-0003					