



SERVICE PARTS LIST

BULLETIN NO.
55-06-2901

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN 55-06-2900	DATE June 2012
10mm DRILL with SPINDLE LOCK			
CATALOG NO. 0202-50	STARTING SERIAL NO. 069B	WIRING INSTRUCTION See Pages 2 & 3	

★ = Part number change from previous service parts list.

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

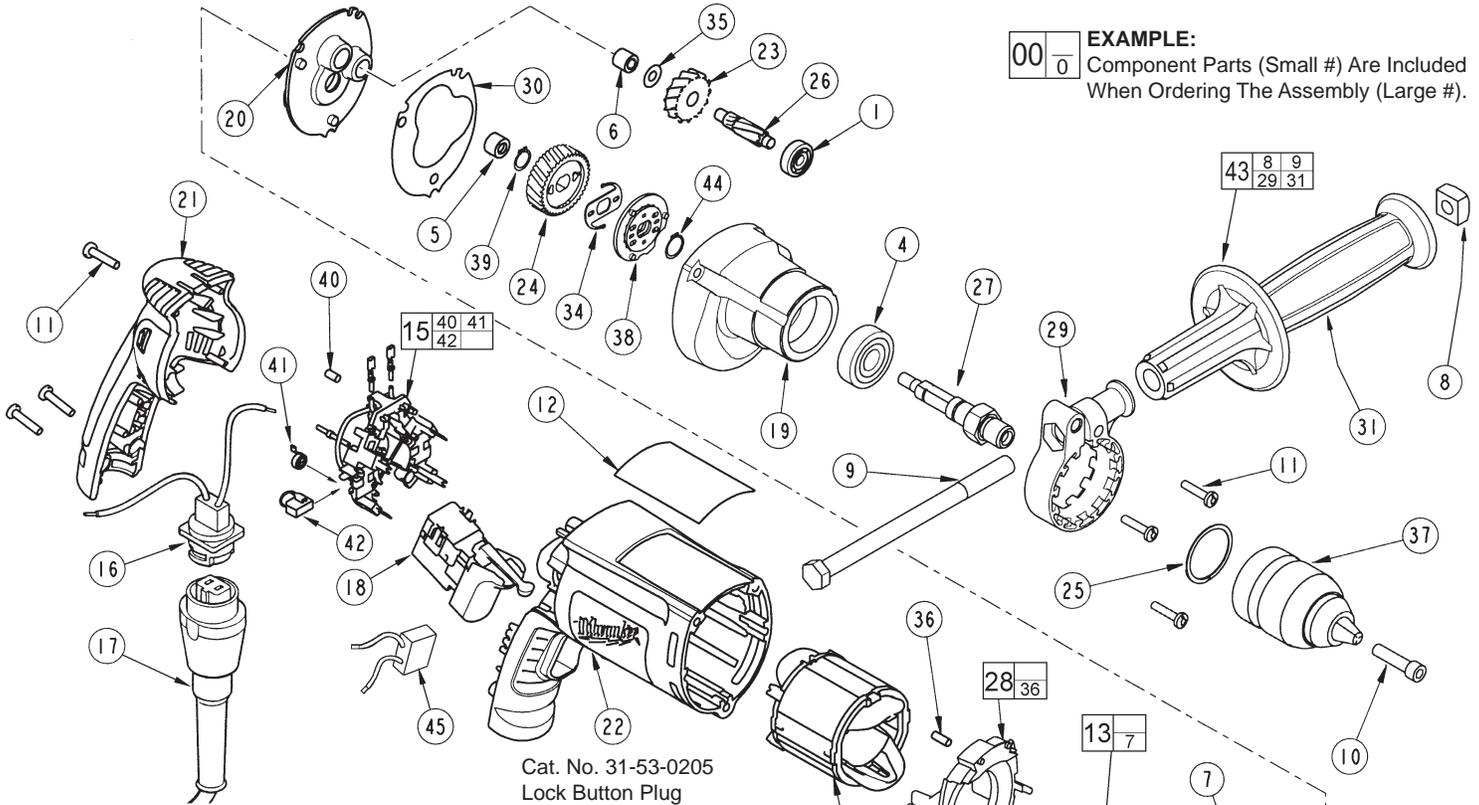


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-04-0640	Ball Bearing	(1)
2	02-04-0645	Ball Bearing	(1)
3	02-04-0852	Ball Bearing	(1)
4	02-04-1229	Ball Bearing	(1)
5	02-50-1611	Needle Bearing	(1)
6	02-50-2400	Needle Bearing	(1)
7	22-84-0845	Fan	(1)
8	06-54-0325	3/8-16 Square Nut	(1)
9	06-75-2850	3/8-16 x 5-1/2 Hex Cap Screw	(1)
10	06-81-2925	1/4-20 x 1-1/8 L.H. Flat Hd. Screw	(1)
11	06-82-7275	7-18 x 3/4 Slotted Plastite T-20	(6)
12	12-99-2685	Service Nameplate	(1)
13	16-14-2215	Armature	(1)
14	18-04-2200	Field	(1)
15	22-18-1220	Brush Card Assembly	(1)
16	22-56-1015	Blade Housing Assembly	(1)
17	48-76-5012	Quik-Lok Cord Set	(1)
17	22-64-0684	Quik-Lok Cord Set (Australia)	(1)
★ 18	23-66-2615	Defond Switch (See page 2 wiring)	(1)
★ 18a	23-66-2135	Marquardt Switch (See page 3 wiring)	(1)
19	28-14-2390	Gearcase	(1)
20	28-28-2320	Diaphragm	(1)
21	31-15-2030	Handle Halve	(1)
★ 22	31-50-4030	Motor Housing	(1)
23	32-40-0100	Intermediate Gear	(1)
24	32-75-0106	Spindle Gear	(1)
25	34-80-2300	Retaining Ring	(1)
26	36-66-0110	Intermediate Shaft	(1)
27	38-50-5752	Spindle	(1)
28	42-14-0460	Baffle Assembly	(1)
29	42-68-0800	Side Handle Clamp	(1)
30	43-44-0985	Gasket	(1)
31	43-62-0845	Side Handle	(1)
34	40-50-8525	Click Spring	(1)
35	45-88-7990	Thrust Washer	(1)
36	45-30-0030	Slug	(2)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
37	48-66-1520	3/8 Single Sleeve Keyless Chuck	(1)
38	14-29-0040	Spindle Lock Assembly	(1)
39	34-60-0810	External Retaining Ring	(1)
40	45-30-0035	Slug	(1)
41	23-52-1610	Brush Spring	(2)
42	22-18-1320	Brush Assembly	(2)
43	49-15-0265	Side Handle Assembly	(1)
44	34-60-0900	External Retaining Ring	(1)
45	22-33-0550	Suppressor	(1)

FIG. LUBRICATION:
19 Place .11 oz. (3.1 grams) of type "Y" grease, No. 49-08-5270, on top of the inserted intermediate ball bearing. After inserting pinion assembly, place .52 oz. (14.7 grams) of grease at the armature pinion location in the gearcase pocket and push down .20".

Before assembly, lightly coat all press fit areas with type "Y" grease.

FIG. NOTES:
4,24 Support the output ball bearing inside the gearcase before pressing off the spindle gear.

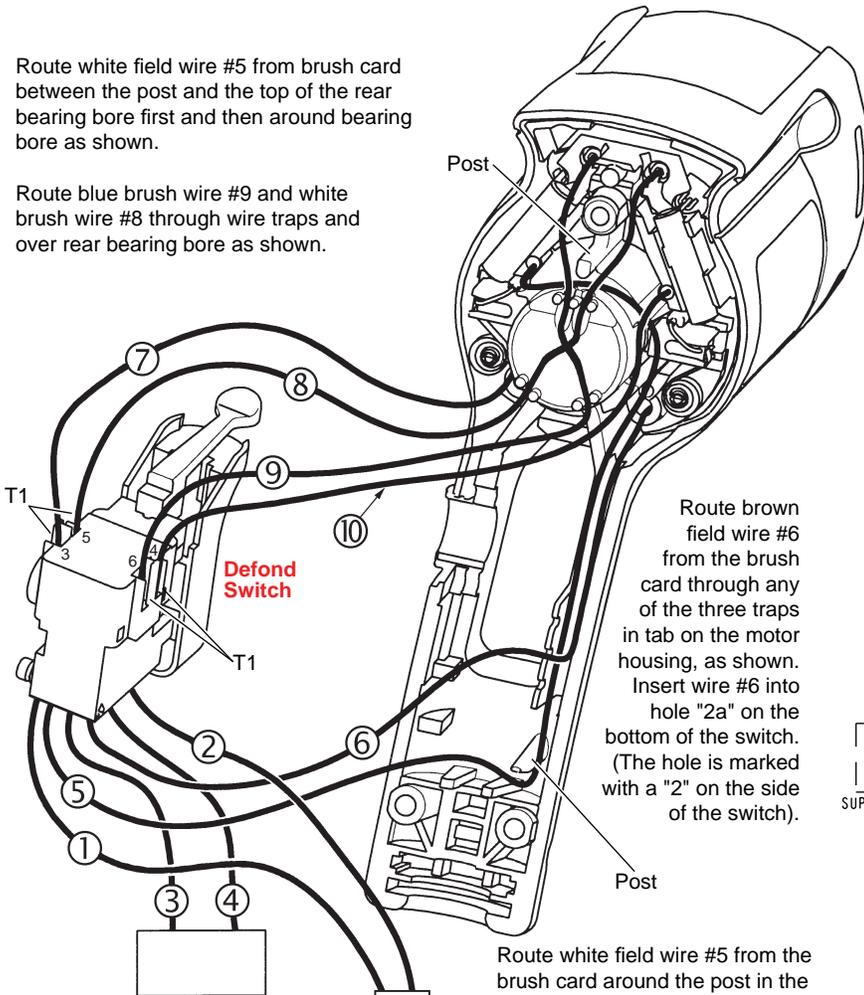
5,6 Needle bearings to be pressed flush to .010 under flush from the end which has the vendors identification.

WIRING INSTRUCTIONS

TITLE	DOUBLE REDUCTION PISTOL GRIP TOOLS	DATE	BULLETIN
MILWAUKEE ELECTRIC TOOL CORP. 13135 WEST LISBON RD. BROOKFIELD, WIS.			

Route white field wire #5 from brush card between the post and the top of the rear bearing bore first and then around bearing bore as shown.

Route blue brush wire #9 and white brush wire #8 through wire traps and over rear bearing bore as shown.



Route brown field wire #6 from the brush card through any of the three traps in tab on the motor housing, as shown. Insert wire #6 into hole "2a" on the bottom of the switch. (The hole is marked with a "2" on the side of the switch).

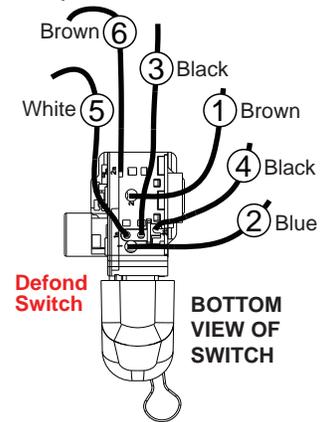
Insert black suppressor wires #3 and #4 into holes marked "1a" and "2b" on the bottom of the switch. Wires can go in either hole.

Fixed cord shown

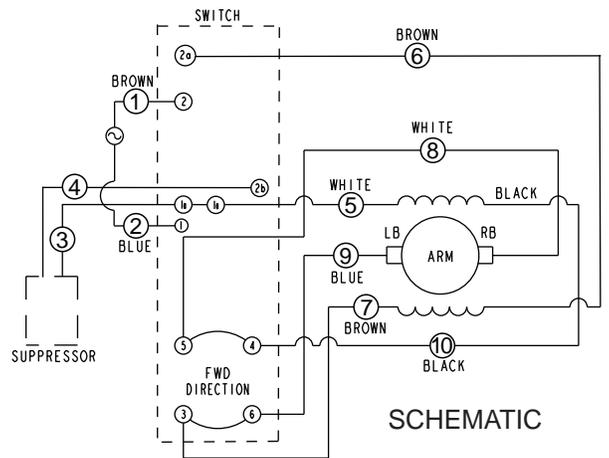
Route white field wire #5 from the brush card around the post in the motor housing and into either hole "1a" on bottom of the switch.

Insert brown wire #1, from the cord or blade housing assembly, into the hole marked "2" on the bottom of the switch.

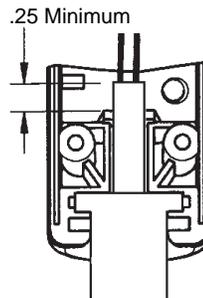
Insert blue wire #2, from the cord or blade housing assembly, into the hole marked "1" on the bottom of the switch.



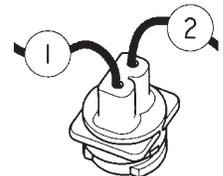
BOTTOM VIEW OF SWITCH



SCHEMATIC



Fixed Cord Installation



For double insulated tools with 2-wire quik-lok cords, orientate the blade housing assembly as shown and place blue wire #2 first into the bottom of the handle portion of the motor housing.

WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Brown	*	----	* Component of cord set or blade housing assembly.
2	Blue	*	----	* Component of cord set or blade housing assembly.
3	Black	**	----	** Component of suppressor assembly.
4	Black	**	----	** Component of suppressor assembly.
5	White	***	----	*** Component of the brush card assembly.
6	Brown	***	----	*** Component of the brush card assembly.
7	Brown	***	----	*** Component of the brush card assembly.
8	White	***	----	*** Component of the brush card assembly.
9	Blue	***	----	*** Component of the brush card assembly.
10	Black	***	----	*** Component of the brush card assembly.

BULK LEAD WIRE - BULLETIN NO. 58-01-0003

TERMINAL DESCRIPTION

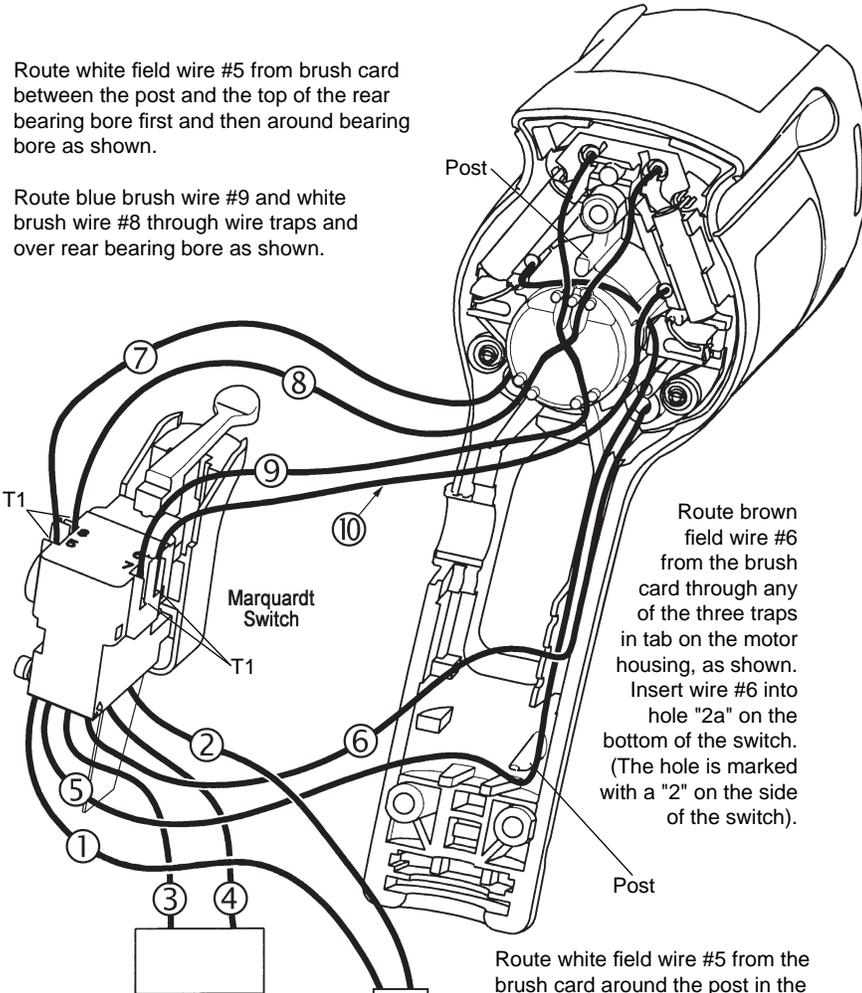
Code	Part No.	Qty.
T1	23-74-1060	

WIRING INSTRUCTIONS

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Route brown field wire #6 from the brush card through any of the three traps in tab on the motor housing, as shown. Insert wire #6 into hole "2a" on the bottom of the switch. (The hole is marked with a "2" on the side of the switch).

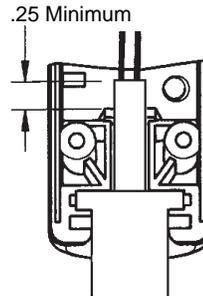
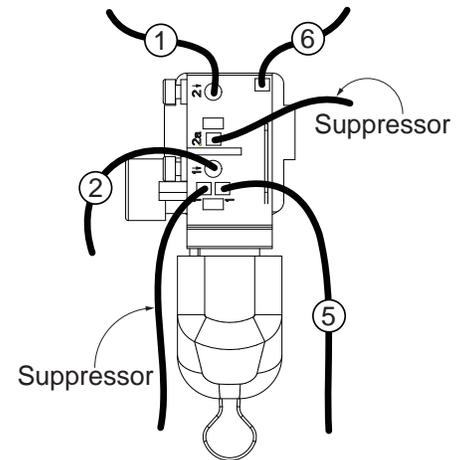
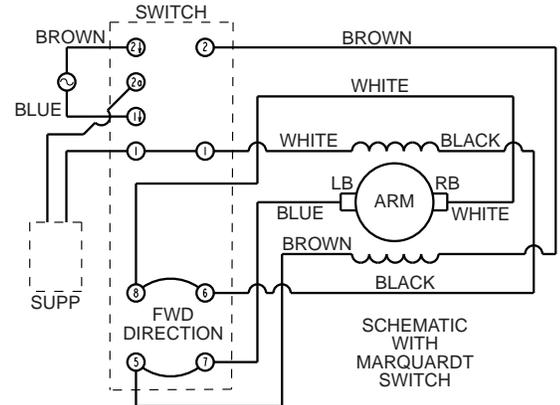
Route white field wire #5 from the brush card around the post in the motor housing and into either hole "1a" on bottom of switch.

Insert brown wire #1, from the cord or blade housing assembly, into the hole marked "2" on the bottom of the switch.

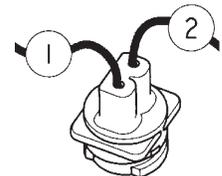
Insert blue wire #2, from the cord or blade housing assembly, into the hole marked "1" on the bottom of the switch.

Insert black suppressor wires #3 and #4 into holes marked "1a" and "2b" on the bottom of the switch. Wires can go in either hole.

Fixed cord shown



Fixed Cord Installation



For double insulated tools with 2-wire quik-lok cords, orientate the blade housing assembly as shown and place blue wire #2 first into the bottom of the handle portion of the motor housing.

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