SERVICE PARTS LIST

BULLETIN NO. 55-42-6180

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
DRYWALL SCREWDRIVER			June 2012
CATALOG NO. 6742-59A	STARTING SERIAL NO. **D73A**	WIRING INSTRUCTION	**See Pages 2 & 3**

EXAMPLE:
00 — 0
Component Parts (Small #) Are Included When Ordering The Assembly (Large #).

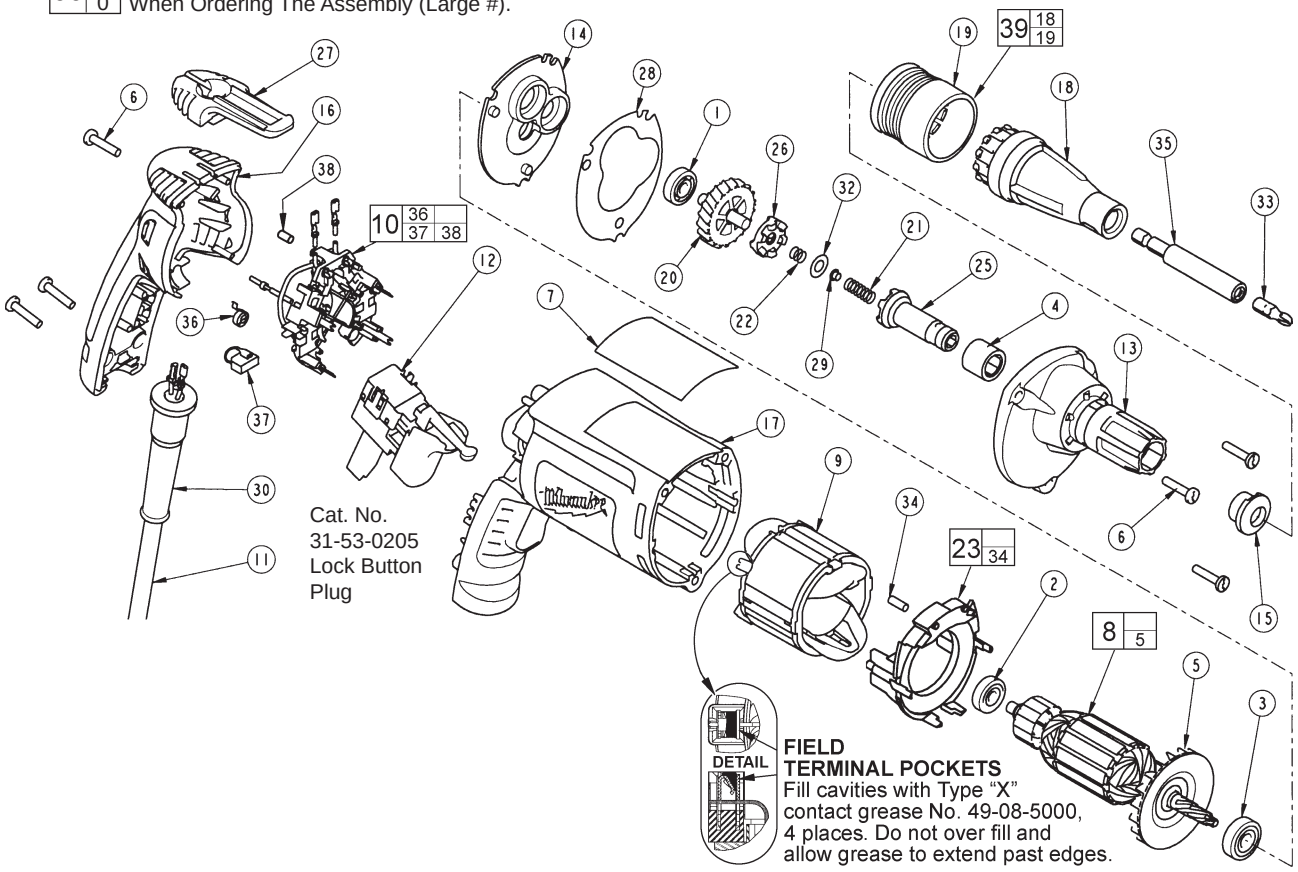


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-04-0640	Ball Bearing	(1)
2	02-04-0645	Ball Bearing	(1)
3	02-04-0852	Ball Bearing	(1)
4	02-50-3245	Needle Bearing	(1)
5	22-84-0840	Fan	(1)
6	06-82-7275	7-18 x 3/4" Slotted Plastite Torx T-20	(6)
7	12-99-2665	Service Nameplate	(1)
8	16-14-2201	Armature	(1)
9	18-04-2200	Field	(1)
10	22-18-1220	Brush Card Assembly	(1)
11	22-64-0271	Cord Assembly	(1)
12a	23-66-2615	230V Defond Switch (See page 2)	(1)
12b	23-66-2135	230V Marquardt Switch (See page 3)	(1)
13	28-14-2375	Gearcase	(1)
14	28-28-2315	Diaphragm	(1)
15	30-37-0046	Drywall Nose Guide	(1)
16	31-15-2010	Handle Halve	(1)
17	31-50-4010	Motor Housing	(1)
18	31-51-0095	Drywall Locator	(1)
19	31-58-0515	Snap Sleeve	(1)
20	32-10-0521	Clutch Gear Assembly	(1)
21	40-50-0095	Separator Spring	(1)
22	40-50-8515	Bias Spring	(1)
23	42-14-0460	Baffle Assembly	(1)
25	42-66-0715	Clutch Chuck Assembly	(1)
26	42-70-0310	Drive Clutch	(1)
27	42-70-5280	Belt Clip	(1)
28	43-44-0985	Gasket	(1)
29	44-60-0505	Thrust Pin	(1)
30	44-76-0210	Cord Protector	(1)
32	45-88-0555	Clutch Thrust Washer	(1)
33	----------	#2 Phillips Insert Bit	(1)
34	45-30-0030	Slug	(2)
35	48-32-3065	Magnetic Bit Holder	(1)
36	23-52-1610	Brush Spring	(2)
37	22-18-1310	Brush Assembly	(2)
38	45-30-0035	Slug	(1)
39	49-26-1036	Drywall Locator Assembly	(1)

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

- Fill the 3 enlarged clutch pockets of the clutch gear assembly (20) with .5 gm. (.02 oz.) grease.
- Apply the same amount of grease in the bias spring (22).
- Apply in total .5 gm. (.02 oz.) grease to the clutch thrust washer (32), thrust pin (29) and separator spring (21).
- Place 7.7 gm. (.27 oz.) of grease at the armature pin location in the gearcase (13) and fill to slightly above the next higher gearcase level.
- Apply a light film of grease to the lead chamfer of the clutch chuck (25) prior to assembly.

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

FIG.	NOTES:
4	Needle bearing to have it's seal toward the front of the tool. Needle bearing to be pressed .133/.143 under flush.

MILWAUKEE ELECTRIC TOOL CORPORATION
13135 W. LISBON RD., BROOKFIELD, WI 53005

Drwg. 1

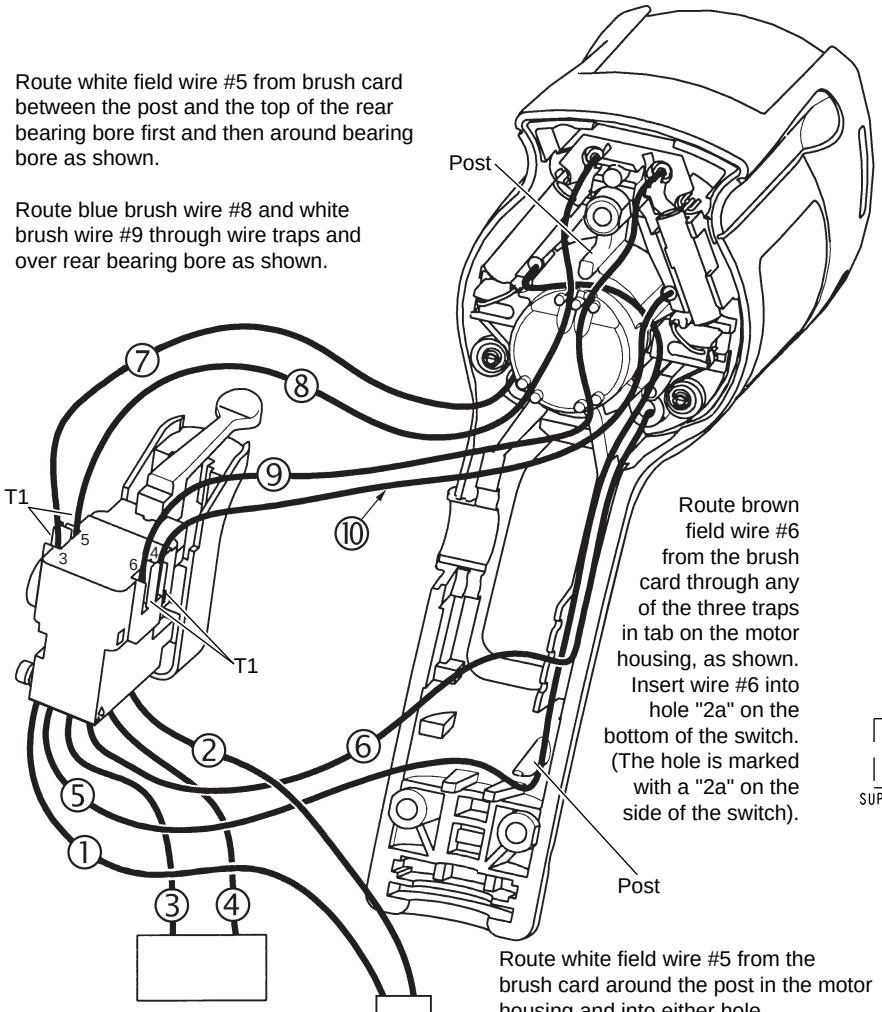
WIRING INSTRUCTIONS

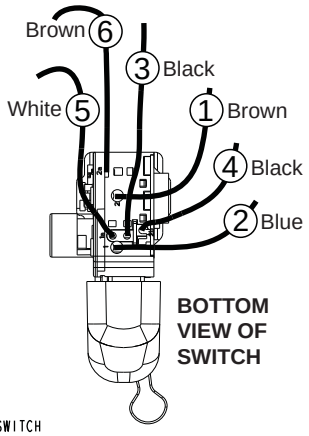
TITLE **SINGLE REDUCTION PISTOL GRIP TOOLS - DEFOND SWITCH** | **BULLETIN**

MILWAUKEE ELECTRIC TOOL CORP. 13135 WEST LISBON RD. BROOKFIELD, WIS. | DATE

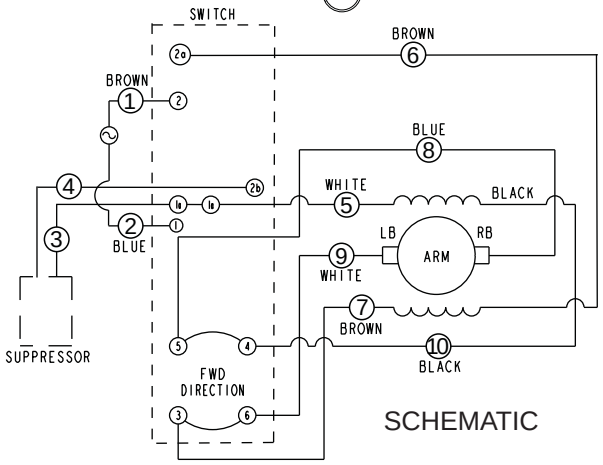
Route white field wire #5 from brush card between the post and the top of the rear bearing bore first and then around bearing bore as shown.

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





BOTTOM VIEW OF SWITCH



SCHEMATIC

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 "2a" on the side of the switch).

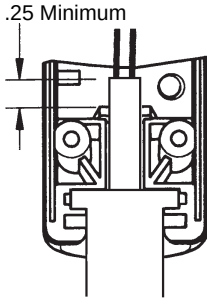
Insert black suppressor wires #3 and #4 into holes marked "1a" and "2b" on the bottom of the switch. Wires can go in either hole.

Fixed cord shown

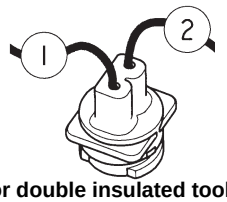
Route white field wire #5 from the brush card around the post in the motor housing and into either hole "1a" on bottom of switch.

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.



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	Blue	***	-----	*** Component of the brush card assembly.
9	White	***	-----	*** 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.	Qnty.
T1	23-74-1060	

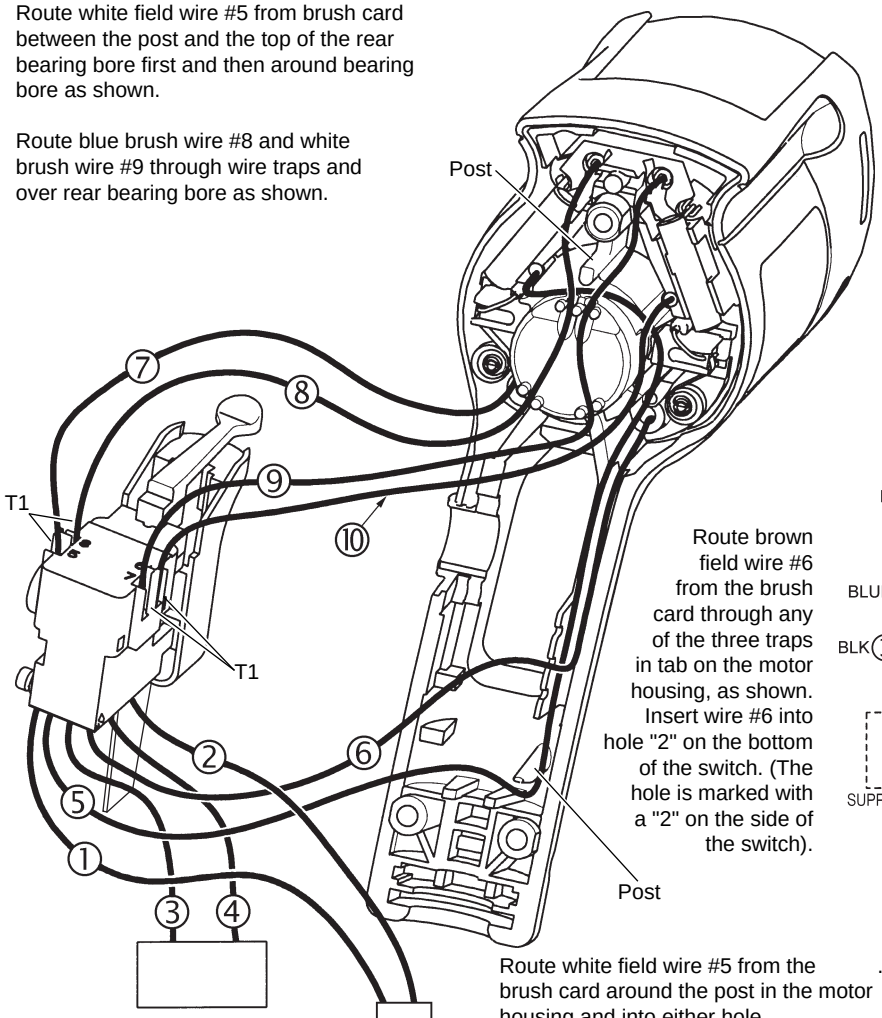
WIRING INSTRUCTIONS

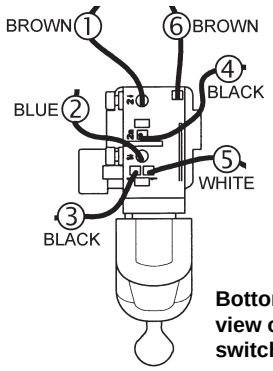
TITLE **SINGLE REDUCTION PISTOL GRIP TOOLS - MARQUARDT SWITCH** | **BULLETIN**

MILWAUKEE ELECTRIC TOOL CORP. 13135 WEST LISBON RD. BROOKFIELD, WIS. | DATE

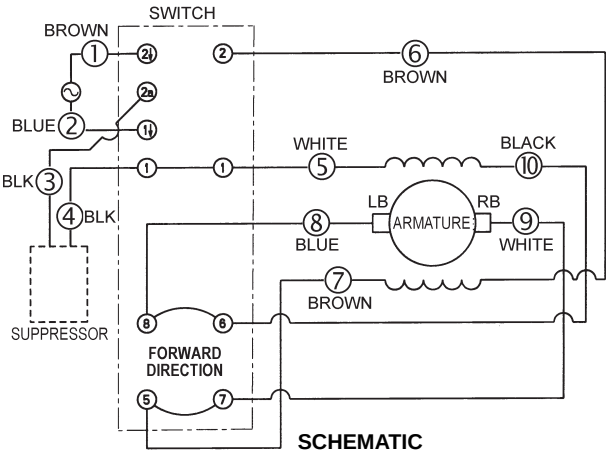
Route white field wire #5 from brush card between the post and the top of the rear bearing bore first and then around bearing bore as shown.

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





Bottom view of switch



SCHEMATIC

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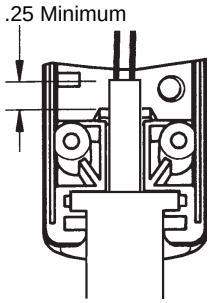
Insert black suppressor wires #3 and #4 into holes marked "1" and "2A" on the bottom of the switch. Wires can go in either hole.

Fixed cord shown

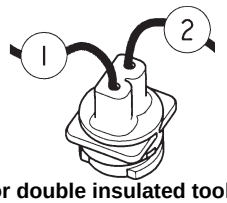
Route white field wire #5 from the brush card around the post in the motor housing and into either hole "1" on bottom of switch.

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.



Fixed Cord Installation



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6	Brown	***	-----	*** Component of the brush card assembly.
7	Brown	***	-----	*** Component of the brush card assembly.
8	Blue	***	-----	*** Component of the brush card assembly.
9	White	***	-----	*** Component of the brush card assembly.
10	Black	***	-----	*** Component of the brush card assembly.

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

TERMINAL DESCRIPTION

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