

WIRING INSTRUCTIONS

TITLE

SANDERS / GRINDERS

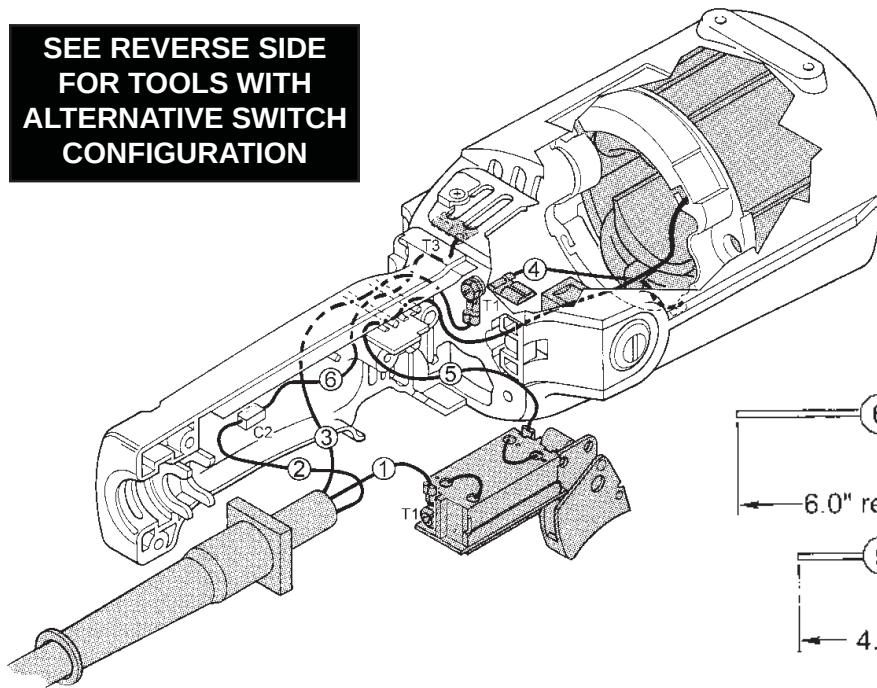
BULLETIN

58-01-1307

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

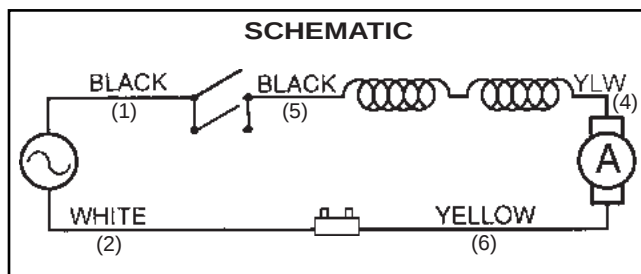
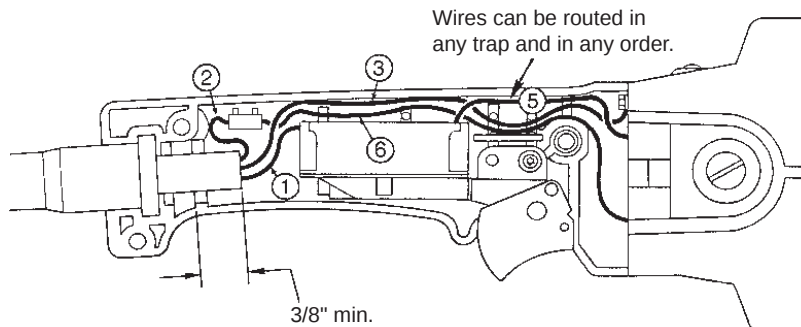
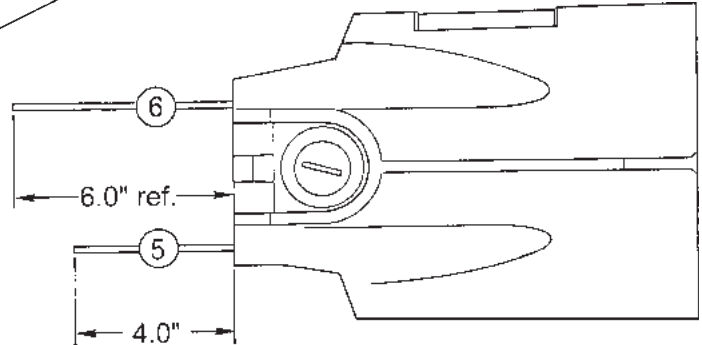
DATE
Jan. 2009

SEE REVERSE SIDE
FOR TOOLS WITH
ALTERNATIVE SWITCH
CONFIGURATION



NOTE:

After field is installed, attach wire 6 to brush tube. Route wires 5 and 6 from rear of motor housing and cut wire 5 to length as shown.



NOTE:

All lead lengths are before stripping.
All field leads are to be measured from and perpendicular to laminations.
All leads must be held to $\pm 1/8$ ".
Strip wire per ES 13-11.
Crimp terminals per ES 13-15.
See terminal drawings for crimp heights.

WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Part No.	Gauge	Length	Terminals, Connectors and End Wire Preparation
1	Black	Cord	14 ga.	2"	Strip 3/16" for T1
2	White	Cord	14 ga.	2"	Strip 5/16" for T4
3	Green	Cord	14 ga.	6 3/4"	Strip 3/16" for T1
4	Yellow	Field	16 ga.	-----	Strip 3/16" for T3
5	Black	Field	16 ga.	see note	Strip 3/16" for T1
6	Yellow	Brush Tube	16 ga.	see note	Strip 3/16" for T3, strip 5/16" for T4

BULK LEAD WIRE - BULLETIN 58-01-0003

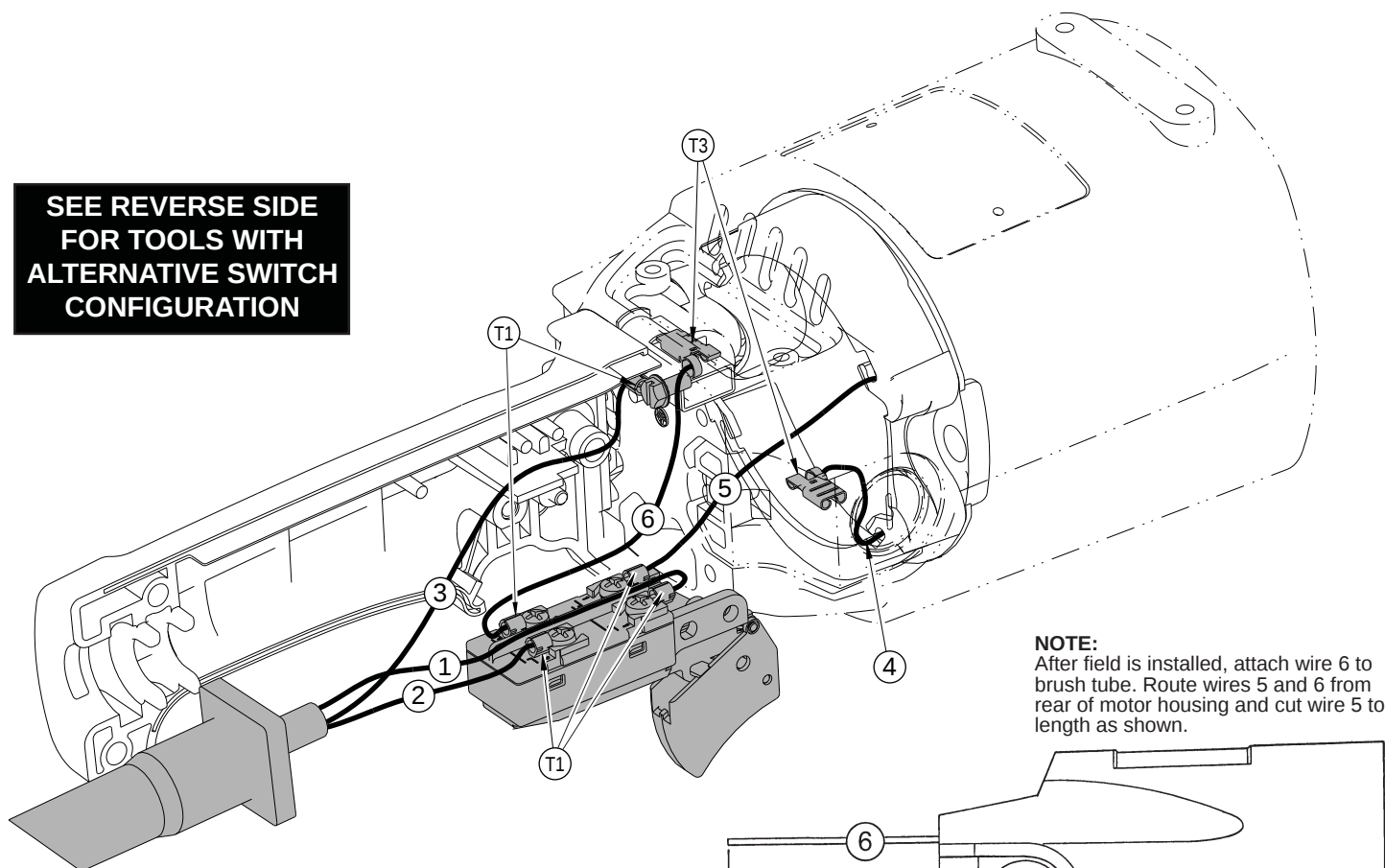
TERMINAL DESCRIPTION

Code	Part No.	Qty.
T1	23-74-0840	3
T3	23-74-0610	2
T4	23-74-0385	2

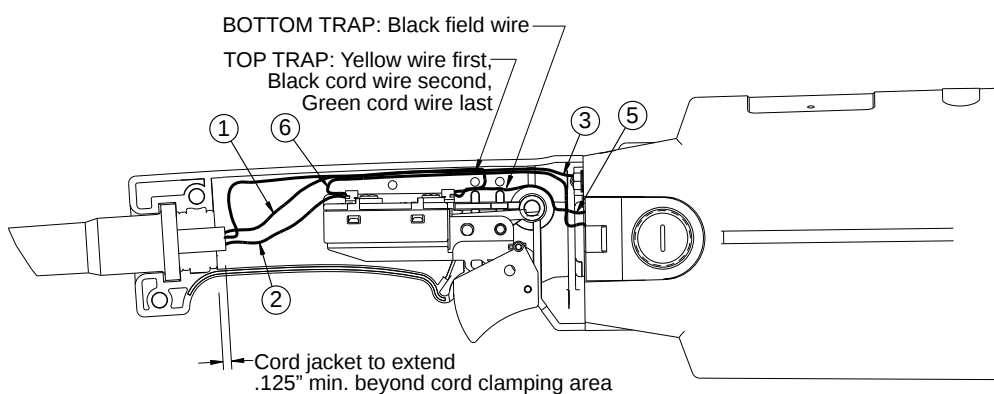
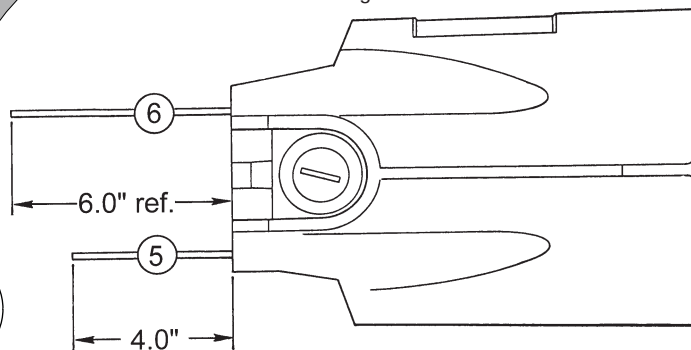
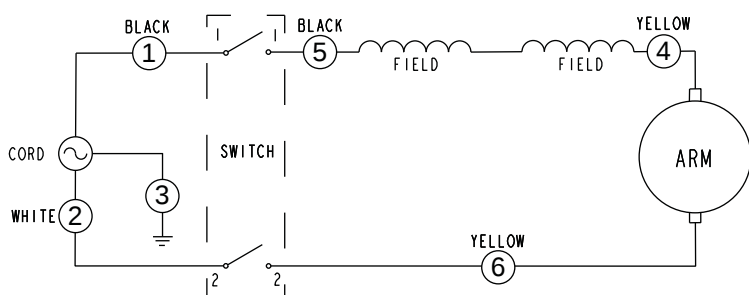
CONNECTOR DESCRIPTION

Code	Part No.	Qty.
C2	22-56-0480	1

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After field is installed, attach wire 6 to brush tube. Route wires 5 and 6 from rear of motor housing and cut wire 5 to length as shown.



NOTE:
All lead lengths are before stripping.
All field leads are to be measured from and perpendicular to laminations.
All leads must be held to $\pm 1/8$ ".
Strip wire per ES 13-11.
Crimp terminals per ES 13-15.
See terminal drawings for crimp heights.

WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Part No.	Gauge	Length	Terminals, Connectors and End Wire Preparation
1	Black	Cord	14 ga.	5"	Strip 3/16" for T1
2	White	Cord	14 ga.	2-3/8"	Strip 3/16" for T1
3	Green	Cord	14 ga.	6 3/4"	Strip 3/16" for T1
4	Yellow	Field	16 ga.	-----	Strip 3/16" for T3
5	Black	Field	16 ga.	see note	Strip 3/16" for T1
6	Yellow	23-94-4401	16 ga.	see note	Strip 3/16" for T1, Strip 3/16" for T3

BULK LEAD WIRE - BULLETIN 58-01-0003

TERMINAL DESCRIPTION

Code	Part No.	Qty.
T1	23-74-0840	5
T3	23-74-0610	2

CONNECTOR DESCRIPTION

Code	Part No.	Qty.