

# WIRING INSTRUCTIONS

TITLE

**BAND SAW**

**BULLETIN**

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

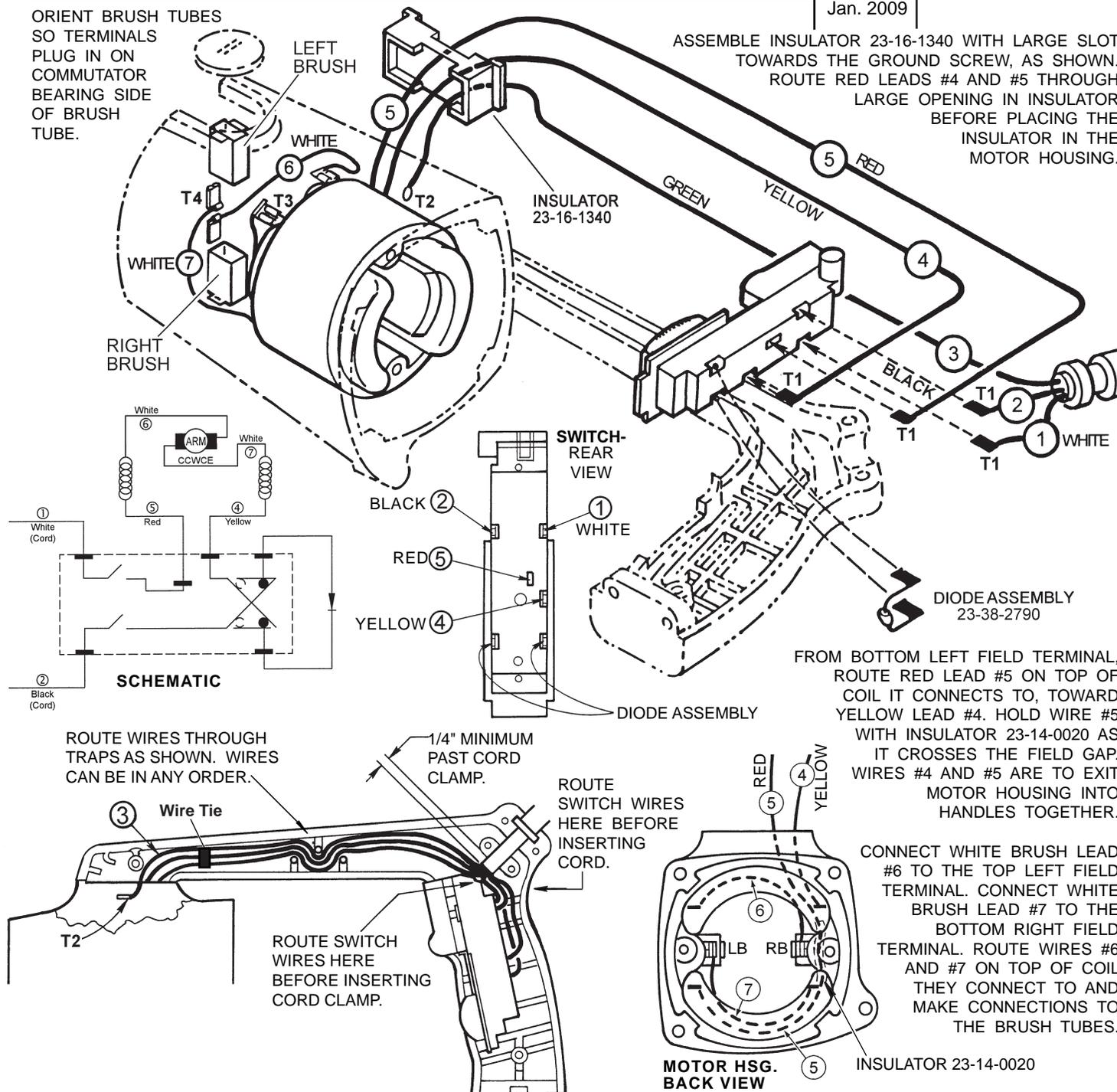
DATE

**58-01-2000**

Jan. 2009

ORIENT BRUSH TUBES SO TERMINALS PLUG IN ON COMMUTATOR BEARING SIDE OF BRUSH TUBE.

ASSEMBLE INSULATOR 23-16-1340 WITH LARGE SLOT TOWARDS THE GROUND SCREW, AS SHOWN. ROUTE RED LEADS #4 AND #5 THROUGH LARGE OPENING IN INSULATOR BEFORE PLACING THE INSULATOR IN THE MOTOR HOUSING.



ROUTE WIRES THROUGH TRAPS AS SHOWN. WIRES CAN BE IN ANY ORDER.

1/4" MINIMUM PAST CORD CLAMP.

ROUTE SWITCH WIRES HERE BEFORE INSERTING CORD.

ROUTE SWITCH WIRES HERE BEFORE INSERTING CORD CLAMP.

FROM BOTTOM LEFT FIELD TERMINAL, ROUTE RED LEAD #5 ON TOP OF COIL IT CONNECTS TO, TOWARD YELLOW LEAD #4. HOLD WIRE #5 WITH INSULATOR 23-14-0020 AS IT CROSSES THE FIELD GAP. WIRES #4 AND #5 ARE TO EXIT MOTOR HOUSING INTO HANDLES TOGETHER.

CONNECT WHITE BRUSH LEAD #6 TO THE TOP LEFT FIELD TERMINAL. CONNECT WHITE BRUSH LEAD #7 TO THE BOTTOM RIGHT FIELD TERMINAL. ROUTE WIRES #6 AND #7 ON TOP OF COIL THEY CONNECT TO AND MAKE CONNECTIONS TO THE BRUSH TUBES.

## WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	White	Cord	2-1/4"	22-64-3410. Strip 1/4" for T1.
2	Black	Cord	2-1/4"	22-64-3410. Strip 1/4" for T1.
3	Green	Cord	9-1/4"	22-64-3410. Strip 3/16" For T2.
4	Yellow	18 Ga.	15"	23-94-0023. Strip 3/16" for T3 / Strip 1/4" for T1.
5	Red	18 Ga.	19"	23-94-6435. Strip 3/16" for T3 / Strip 1/4" for T1.
6	White	18 Ga.	3 7/8"	23-94-0020. Strip 3/16" for T3 and T4.
7	White	18 Ga.	3 7/8"	23-94-0020. Strip 3/16" for T3 and T4.

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

### NOTE:

All leads must be held to  $\pm 1/8"$ .  
All lead lengths are before stripping.

### TERMINAL DESCRIPTION

Code	Part No.	Qty.
T1	22-44-0090	4
T2	23-74-0840	1
T3	23-74-0045	4
T4	23-74-0900	2