

WIRING INSTRUCTIONS

TITLE

COMPACT DRILL

BULLETIN

MILWAUKEE ELECTRIC TOOL CORP

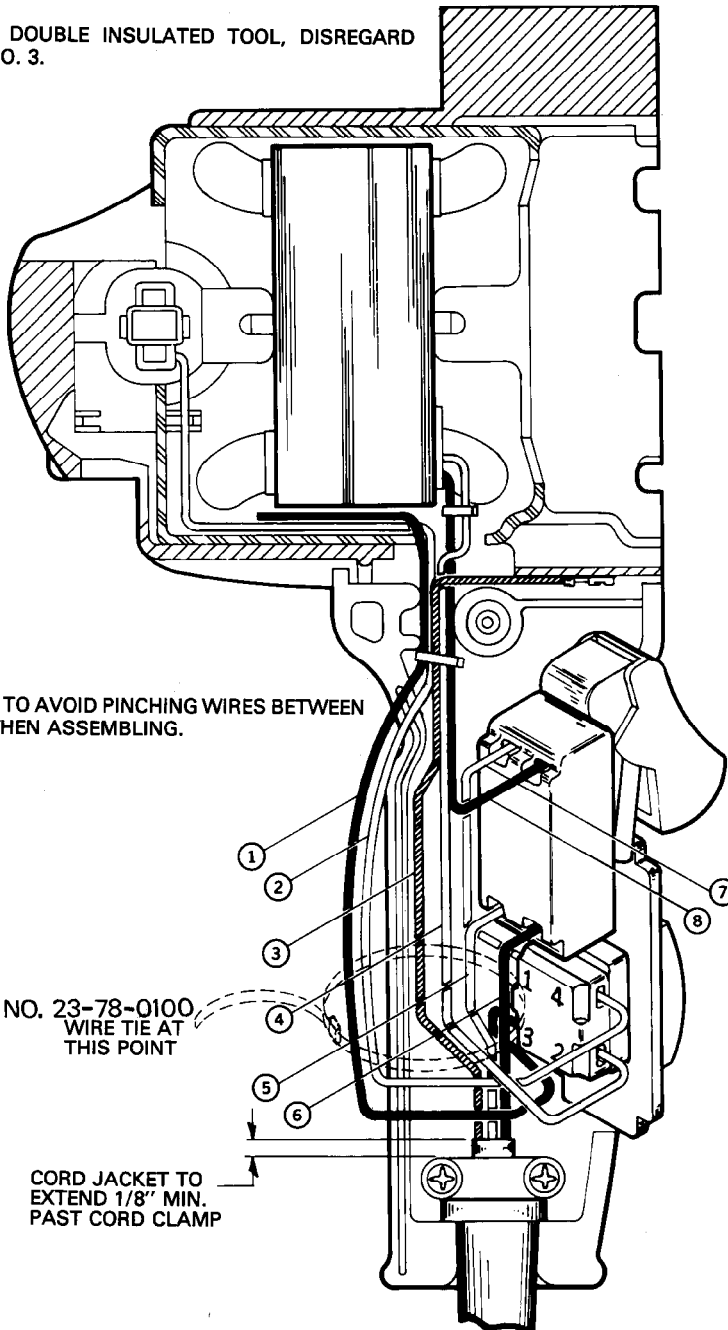
13135 WEST LISBON RD BROOKFIELD WIS

DATE

58-01-0539

Sept. '86

FOR A DOUBLE INSULATED TOOL, DISREGARD WIRE NO. 3.



BE CAREFUL TO AVOID PINCHING WIRES BETWEEN HANDLES WHEN ASSEMBLING.

NO. 23-78-0100 WIRE TIE AT THIS POINT

CORD JACKET TO EXTEND 1/8" MIN. PAST CORD CLAMP

NOTE:

THIS WIRING PRODUCES A COUNTERCLOCKWISE ROTATION OF THE ARMATURE, VIEWED FROM COMMUTATOR END, WITH A FIELD OF +N, AND AN ARMATURE OF -N. SWITCH IS IN FORWARD POSITION.

NOTE:

AFTER INSERTION IN SWITCH APPLY SLIGHT (2-5 LB. FORCE) TO BE CERTAIN WIRES ARE SECURED

ALL STRIP LEADS $\pm 1/16''$ UNLESS OTHERWISE SPECIFIED

WIRES ROUTED THROUGH NOTCHES IN HANDLES

AS AN AID IN REASSEMBLY, TAKE NOTICE OF WIRE ROUTING AND POSITION IN WIRE GUIDES AND TRAPS WHILE DISMANTLING TOOL.

NOTE:

All leads must be held to $\pm 1/8''$.
All field leads to be measured from and perpendicular to laminations.
All lead lengths are before stripping.

WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	WHITE	23-94-5700	10" $\pm 1/8''$	1/8" STRIP FOR T2, 3/16" MIN. STRIP AND TIN
2	RED	23-94-4405	10" $\pm 1/8''$	1/8" STRIP FOR T2, 3/16" MIN. STRIP AND TIN
3	GREEN	CORD	6 1/4" $\pm 1/8''$	3/16" STRIP FOR T1
4	BLACK	FIELD	6 1/2" $\pm 1/8''$	3/16" STRIP AND TIN
5	WHITE	CORD	3 1/4" $\pm 1/8''$	3/8" STRIP AND TIN
6	BLACK	CORD	3 1/4" $\pm 1/8''$	3/8" STRIP AND TIN
7	BLACK	JUMPER	4" $\pm 1/8''$	STRIP 3/8" AND TIN, STRIP 3/16" MIN. AND TIN
8	YELLOW	FIELD	3" $\pm 1/8''$	3/8" STRIP AND TIN

TERMINAL DESCRIPTION

Code	Part No.	Qty.
T1	23-74-0851	1
T2	23-74-0755	2

CONNECTOR DESCRIPTION

Code	Part No.	Qty.
S1	23-66-1420	1