

WIRING INSTRUCTIONS

TITLE

ROUTER

BULLETIN

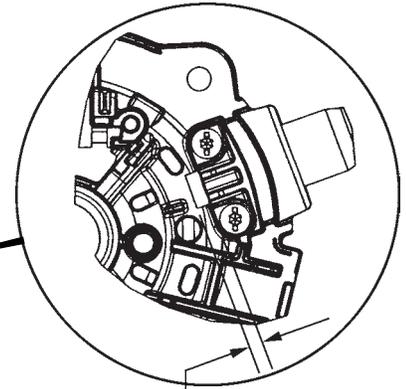
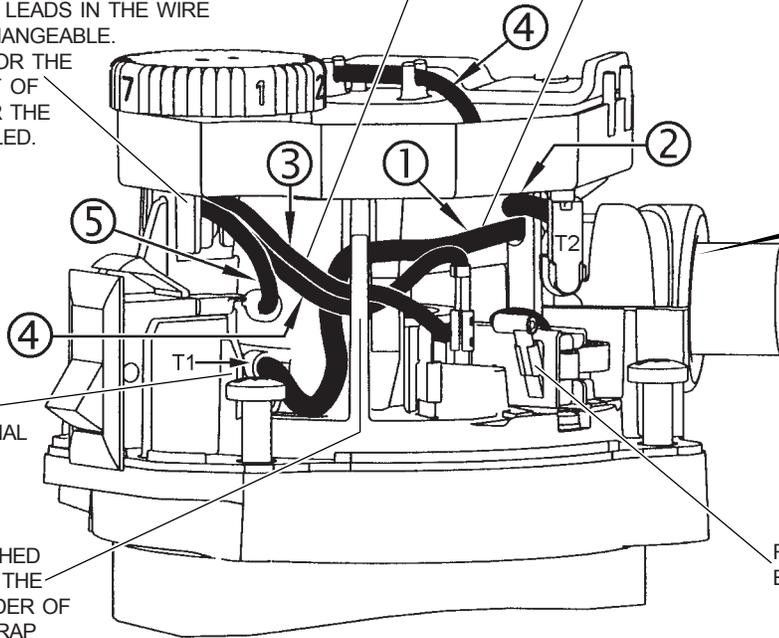
MILWAUKEE ELECTRIC TOOL CORP. 13135 WEST LISBON RD. BROOKFIELD, WIS.

DATE
Apr. 2003

58-01-0717

ROUTE THE LEADS THRU WIRE TRAPS ON THE MODULE, AS SHOWN, PRIOR TO ASSEMBLY OF THE MODULE TO THE FRAME. THE ORDER AND PLACEMENT OF LEADS IN THE WIRE TRAPS ARE INTERCHANGEABLE. IT IS ACCEPTABLE FOR THE WIRES TO FALL OUT OF THESE TRAPS AFTER THE MODULE IS ASSEMBLED.

REMOVE THE SLACK BETWEEN THE WIRE TRAPS. WIRE #1 IS NOT TO EXTEND INTO THE FRAME OPENING.



THE CORD JACKET IS TO EXTEND APPROX. 1/8" PAST THE CORD CLAMP AREA.

ROUTE THE BLACK CORD LEAD #1 TO THE BOTTOM TERMINAL OF THE SWITCH.

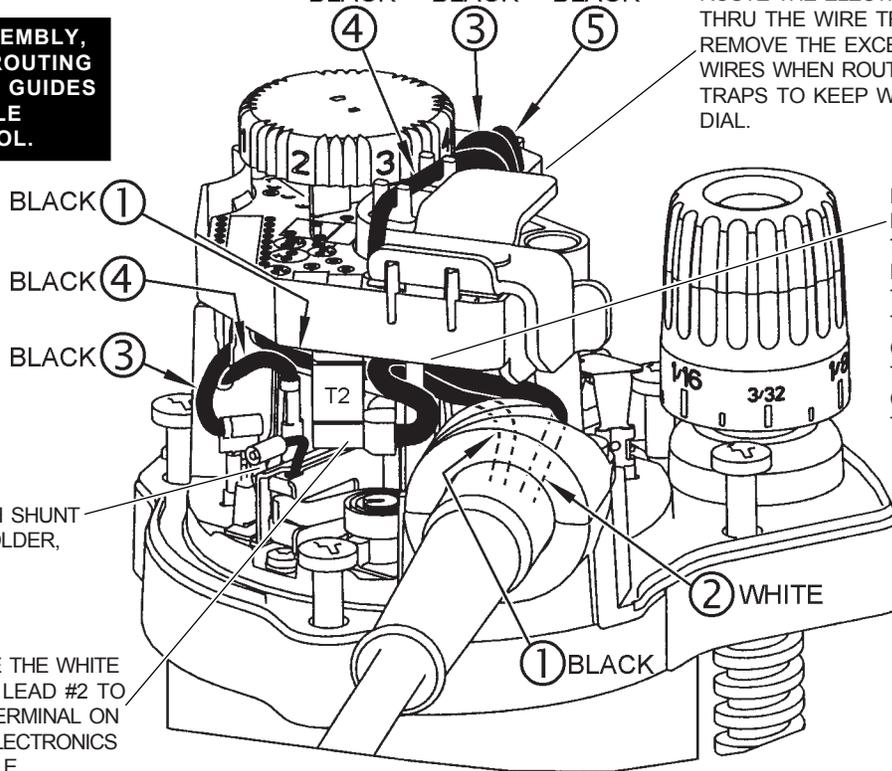
WIRES MUST BE PUSHED TO THE BOTTOM OF THE WIRE TRAP. THE ORDER OF THE WIRES IN THE TRAP ARE INTERCHANGEABLE.

ROUTE THE BRUSH SHUNT TO THE BRUSH HOLDER, AS SHOWN.

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

BLACK BLACK BLACK

ROUTE THE ELECTRONICS MODULE WIRES THRU THE WIRE TRAPS, AS SHOWN. REMOVE THE EXCESS SLACK FROM THE WIRES WHEN ROUTING THRU THE WIRE TRAPS TO KEEP WIRES AWAY FROM THE DIAL.



ROUTE BOTH CORD LEADS, #1 AND #2, THROUGH THIS TRAP. REMOVE THE SLACK IN THE WIRES BETWEEN THIS TRAP AND THE CORD CLAMP. THIS IS TO ENSURE THAT THE CORD LEADS DO NOT TOUCH THE HEAT SINK.

ROUTE THE BRUSH SHUNT TO THE BRUSH HOLDER, AS SHOWN.

ROUTE THE WHITE CORD LEAD #2 TO THE TERMINAL ON THE ELECTRONICS MODULE.

WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Part No.	Gauge	Length	Terminals, Connectors and End Wire Preparation
1	Black	22-64-0320	16	4-3/4	Component of cord assembly. Strip 3/16" for T1.
2	White	22-64-0320	16	2-3/4	Component of cord assembly. Strip 3/16" for T2.
3	Black	14-20-0055	----	----	Component of the electronics module.
4	Black	14-20-0055	----	----	Component of the electronics module.
5	Black	14-20-0055	----	----	Component of the electronics module.

BULK LEAD WIRE - BULLETIN 58-01-0003

NOTE:

Strip wire per ES 13-11.
Crimp terminals per ES 13-15.

TERMINAL DESCRIPTION

Code	Part No.	Qty.
T1	23-74-0065	1
T2	23-74-0280	1