

# WIRING INSTRUCTIONS

TITLE **DOUBLE REDUCTION PISTOL GRIP TOOLS**

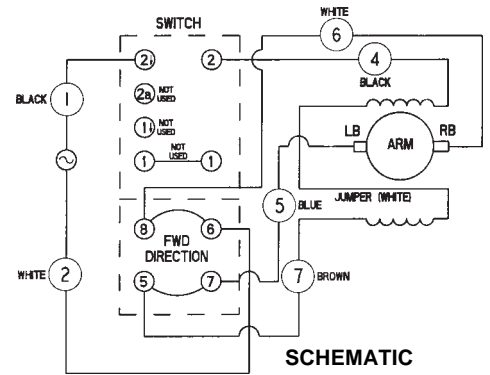
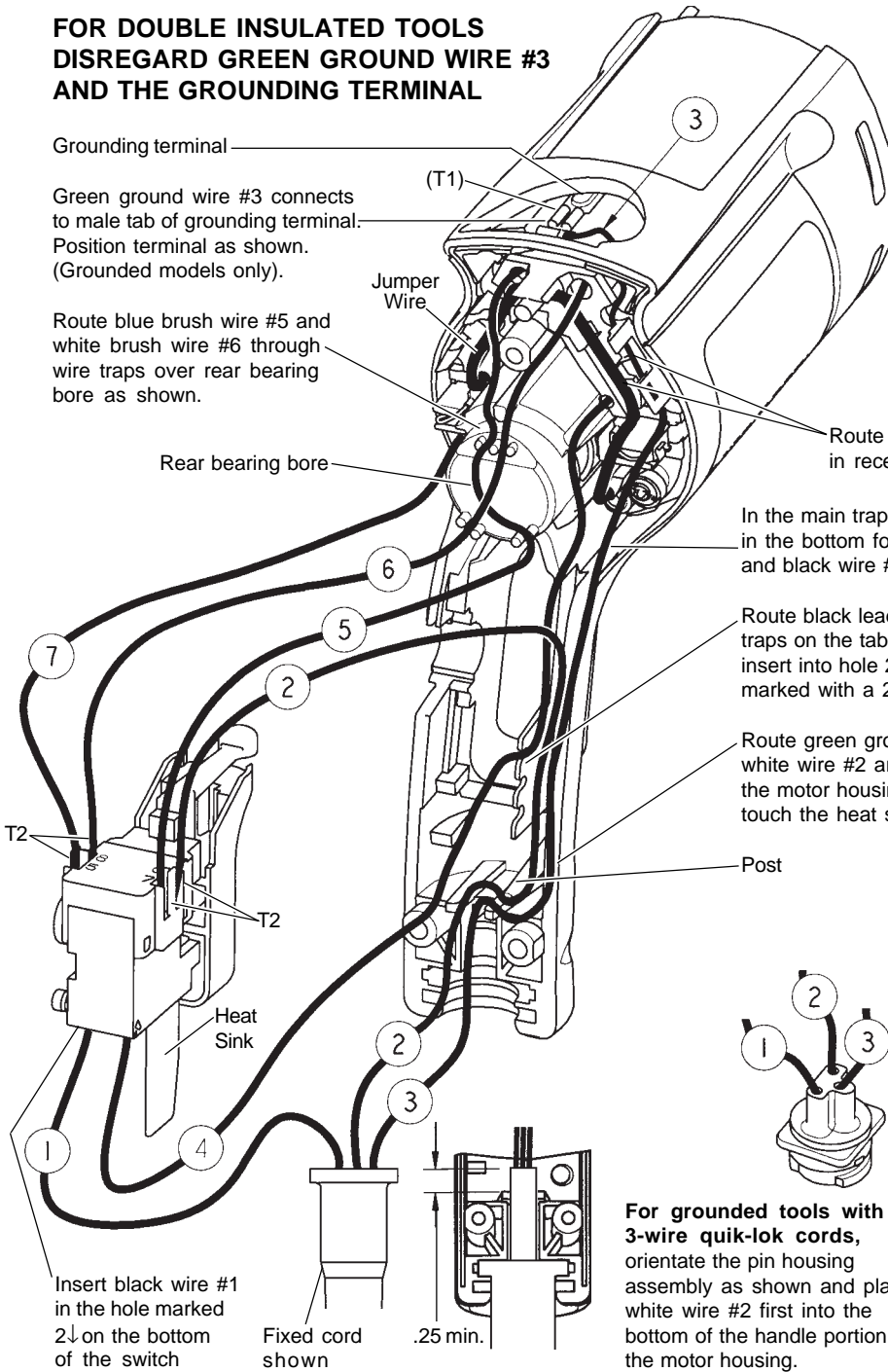
DATE  
Jan. 2003

**BULLETIN  
58-01-1805**

**FOR DOUBLE INSULATED TOOLS  
DISREGARD GREEN GROUND WIRE #3  
AND THE GROUNDING TERMINAL**

Grounding terminal  
Green ground wire #3 connects to male tab of grounding terminal. Position terminal as shown. (Grounded models only).

Route blue brush wire #5 and white brush wire #6 through wire traps over rear bearing bore as shown.



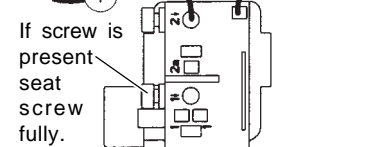
**SCHEMATIC**

In the main trap, route green ground wire #3 in the bottom followed by the white wire #2 and black wire #4 on the top.

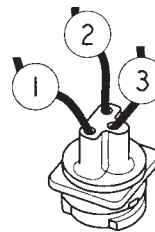
Route black lead #4 through any of the three traps on the tab of the motor housing and insert into hole 2 on bottom of switch (Hole is marked with a 2 on side of switch).

Route green ground wire #3 and white wire #2 around the post in the motor housing. Wires cannot touch the heat sink of the switch.

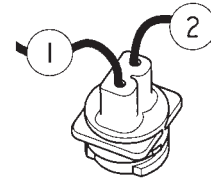
Black wire #1 Black wire #4



**Bottom view of switch**



**For grounded tools with 3-wire quik-lok cords,** orientate the pin housing assembly as shown and place white wire #2 first into the bottom of the handle portion of the motor housing.



**For double insulated tools with 2-wire quik-lok cords,** orientate the blade housing assembly as shown and place white 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	Black	*	----	*Component of cord set, pin hsg. assy. or blade hsg. assy.
2	White	*	----	*Component of cord set, pin hsg. assy. or blade hsg. assy.
3	Green	*	----	*Component of cord set, pin hsg. assy. or blade hsg. assy.
4	Black	**	----	**Component of the brush card assembly.
5	Blue	**	----	**Component of the brush card assembly.
6	White	**	----	**Component of the brush card assembly.
7	Brown	**	----	**Component of the brush card assembly.

## TERMINAL DESCRIPTION

Code	Part No.	Qty.
T1	23-74-0605	1
T2	23-74-1060	4

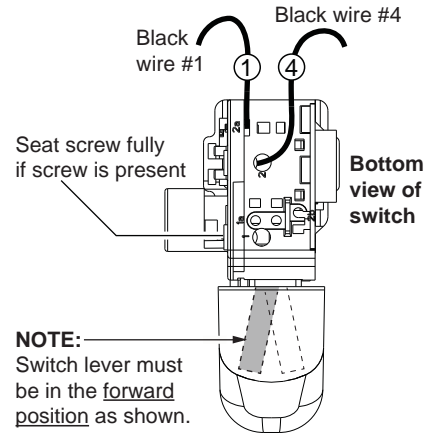
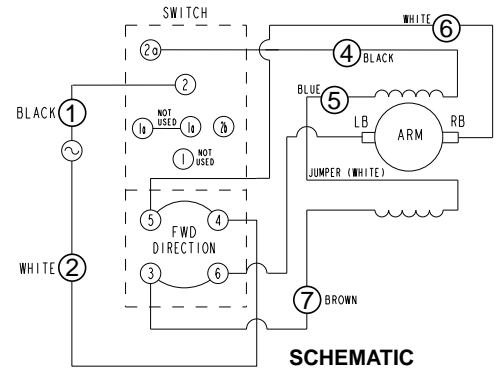
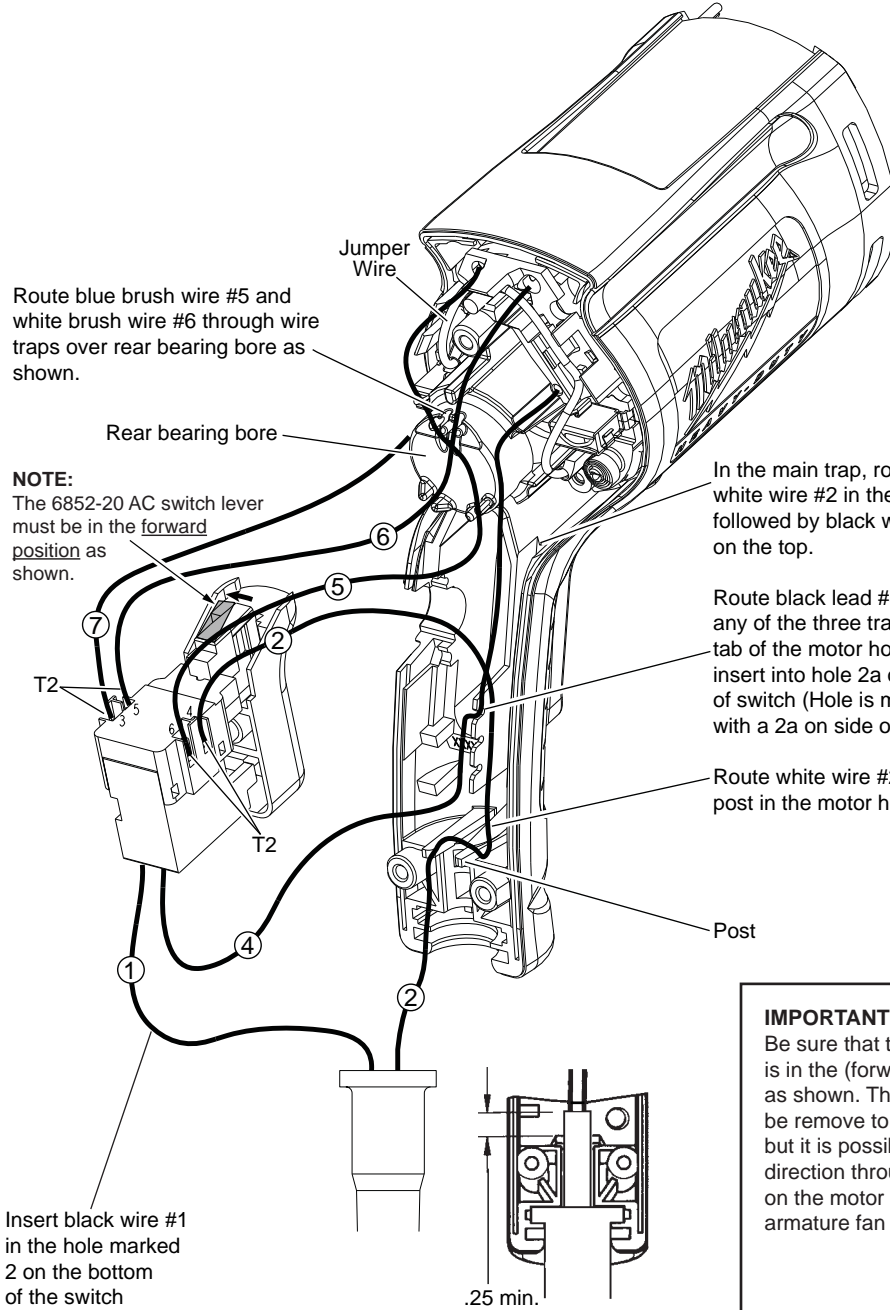
# WIRING INSTRUCTIONS

TITLE

18 GAUGE PISTOL GRIP SHEAR

BULLETIN  
58-01-1807

DATE  
July 2011



**IMPORTANT NOTE:**  
Be sure that the spindle rotation is in the (forward) direction, as shown. The shear must be remove to verify this direction, but it is possible to determine the direction through the exhaust ports on the motor housing viewing the armature fan direction.

Motor Housing

Shear Head

WIRING SPECIFICATIONS				
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Black	*	----	*Component of cord set, pin hsg. assy. or blade hsg. assy.
2	White	*	----	*Component of cord set, pin hsg. assy. or blade hsg. assy.
4	Black	**	----	**Component of the brush card assembly.
5	Blue	**	----	**Component of the brush card assembly.
6	White	**	----	**Component of the brush card assembly.
7	Brown	**	----	**Component of the brush card assembly.

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

TERMINAL DESCRIPTION		
Code	Part No.	Qty.
T2	23-74-1060	4