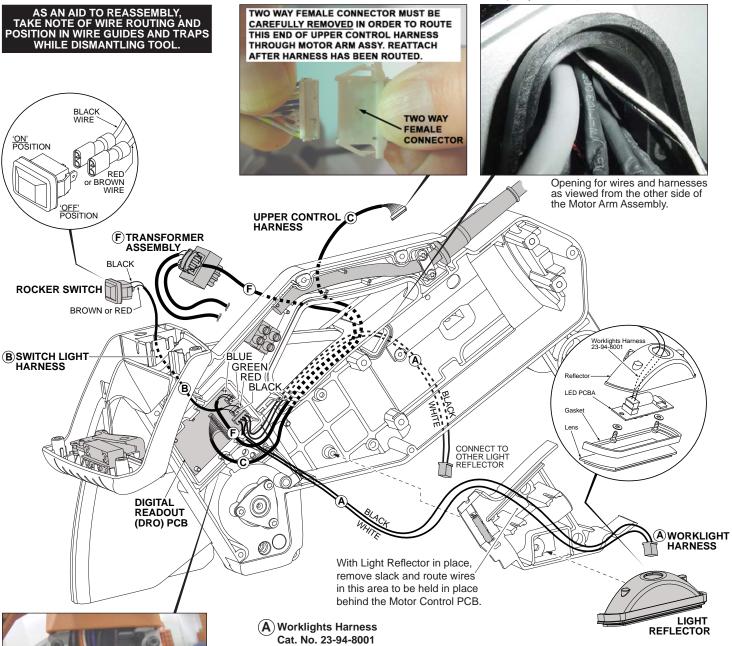
TITLE MITER SAW BULLETIN

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

DATE Sept. 2011 58-01-6901



- Connect 4 wire connector block to DRO (Digital Readout) PCB, Cat. No. 22-09-1060.
- Route black and white wires with male connectors (2 places) as shown.
- The reflector lens must be removed in order to install the harness onto the LED PCBA.
 Unscrew the LED PCBA from the reflector. Route the male connector through the round opening on the top of the reflector and connect to LED PCBA. Reassemble in reflector.

B Light Switch Harness Cat. No. 23-94-8005

- Connect 2 wire connector block to DRO (Digital Readout) PCB, Cat. No. 22-09-1060.
- Route wire harness as shown and connect black wire to the 'ON' terminal of the Rocker Switch, Cat. No. 23-66-3040. The other wire is red or brown and should be connected to the 'OFF' terminal.

© Upper Control Harness Cat. No. 23-94-8012

- Connect larger connector block to DRO (Digital Readout) PCB, Cat. No. 22-09-1060.
- Route wire harness as shown. The smaller connector block will attach to the Table Harness, Cat. No. 23-94-8027 (6955-20) or Cat. No. 23-94-8032 (6950-20). The two harnesses are joined by a double female adapter (see detail) that must be removed in order for the Upper Control Harness to pass through the top of Bevel Arm Assembly.

F Transformer Cat. No. 23-81-0585

 Route wire harness as shown and attach two wire connector block to DRO (Digital Readout) PCB, Cat. No. 22-09-1060 TITLE **MITER SAW BULLETIN**

MILWAUKEE ELECTRIC TOOL CORP.

· Route wire harness as shown and attach four wire

connector block to Motor Control PCB,

Cat. No. 22-09-1590.

13135 WEST LISBON RD. BROOKFIELD, WIS.

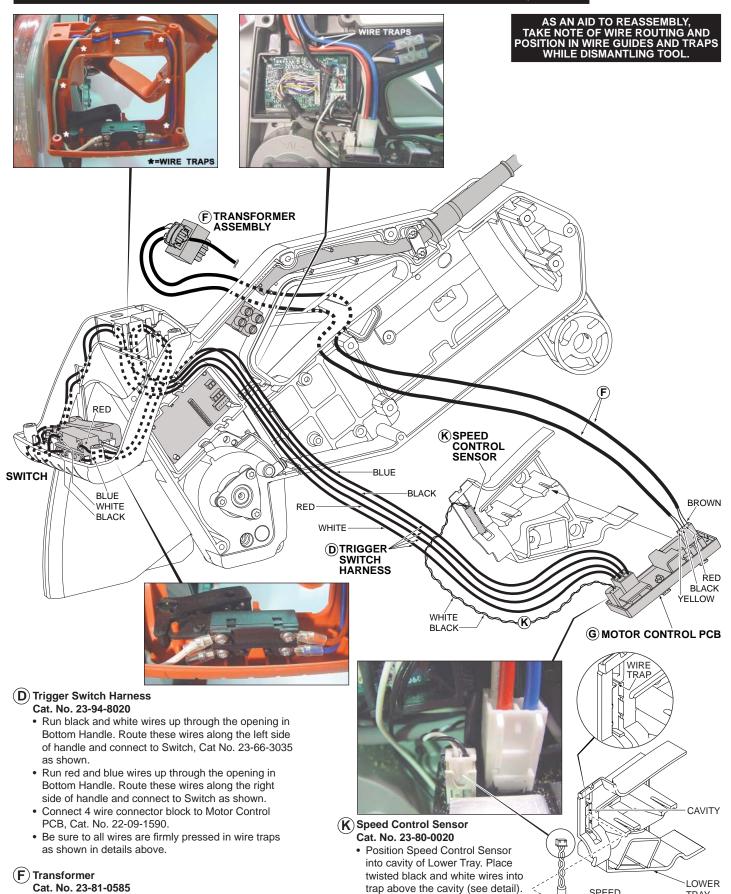
58-01-6901

SPEED

CONTROL

SENSOR

TRAY



· Attach the two wire connector

block to Motor Control PCB.

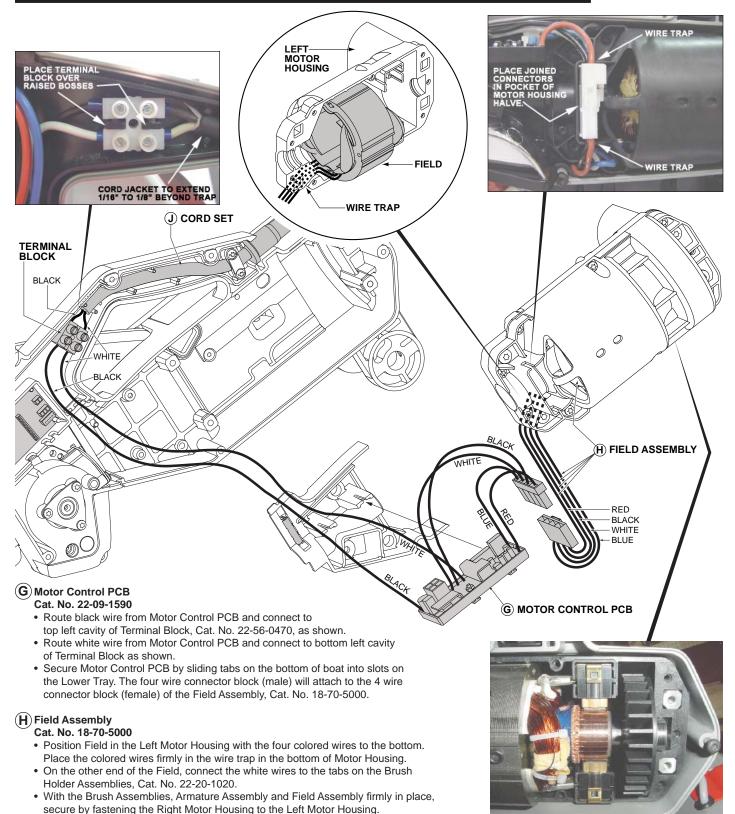
Cat. No. 22-09-1590.

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TITLE MITER SAW BULLETIN

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

58-01-6901



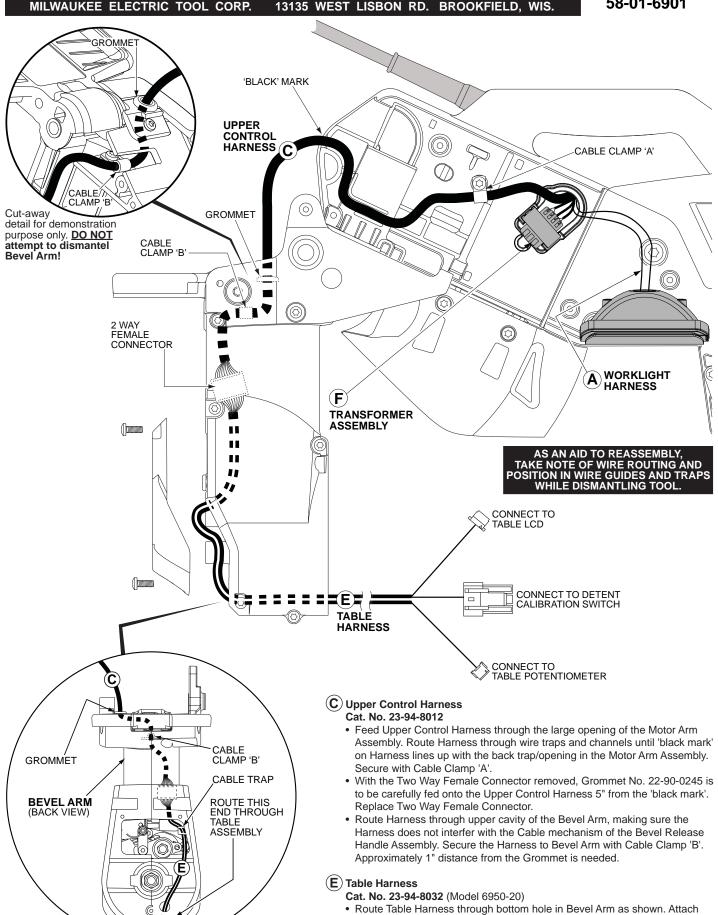
(J) Cord Set

Cat. No. 22-64-6495

- Route Cord Set in traps as shown, allowing cord jacket to extend 1/16" to 1/8" beyond the last trap. Secure the Cord Set with Cord Clamp.
- Connect black wire from Cord Set to top right cavity of Terminal Block and connect white wire to the bottom right of the Terminal Block.
- Place the Terminal Block with all wires attached over the raised bosses in the Upper Tray (see illustration).

 Attach 4 wire connector block (female) of the Field Assembly to the corresponding male connector block of the Motor Control PCB. Push joined connectors and wires into exterior cavity/wire traps of the Right Motor Housing (see illustration). TITLE **MITER SAW BULLETIN**

MILWAUKEE ELECTRIC TOOL CORP. 13135 WEST LISBON RD. BROOKFIELD, WIS. 58-01-6901



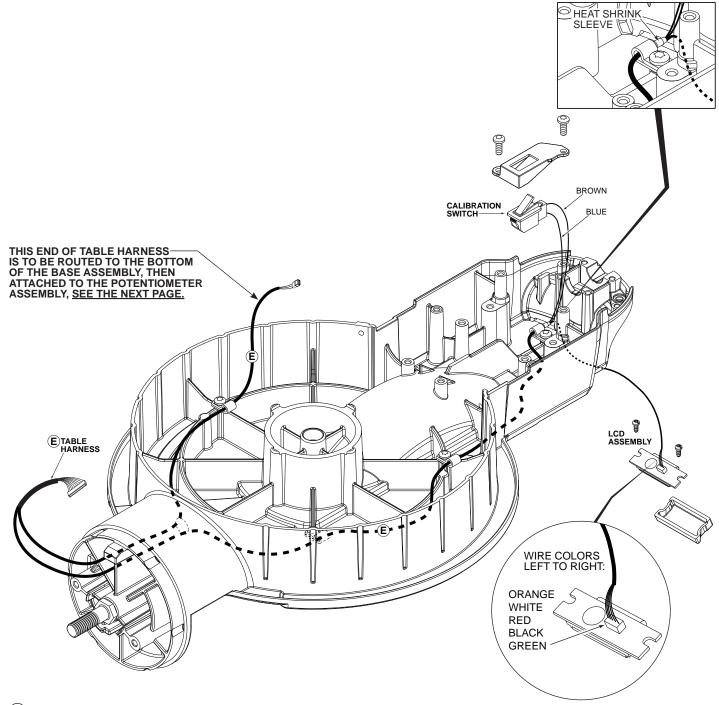
to Upper Control Harness and place connection block area inside Bevel Arm

cavity as illustrated.

TITLE MITER SAW BULLETIN

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58-01-6901



(E) Table Harness

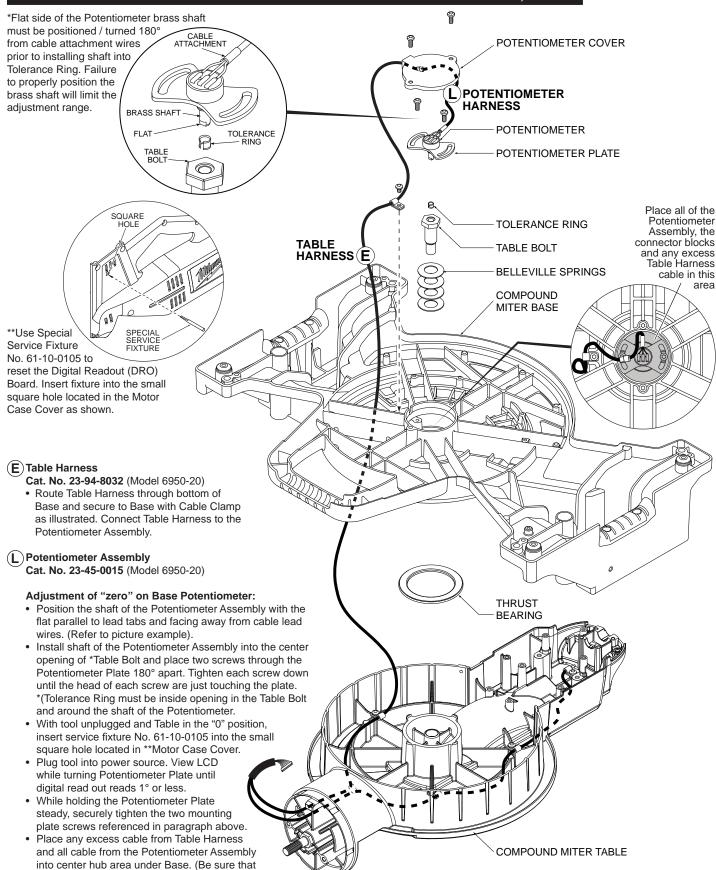
Cat. No. 23-94-8032 (Model 6950-20)

- Route the two sleeves of the Table Harness through the back of the upside down Table Assembly, as shown.
- Route the sleeve with 3 wires (red, white and black) to the left side of the Table. Remove slack and secure the sleeve to the Table with a Cable Clamp. The balance of the sleeve is to be routed into the Base Assembly, secured to the Base and connected to the Potentiometer Assembly No. 23-45-0015, see the next page.
- Route the other sleeve of the Table Harness to the right side of the Table. Secure the sleeve with 3 Cable Clamps, fasten the end of the sleeve directly behind the heat shrink sleeve (see detail).
- Attach the two wire connector block (brown and blue) to the Calibration Switch.
- Route the five wire portion of the harness (orange, white, red, black and green) through the opening in the front of the Table Assembly and connect to the LCD Assembly.

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

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the connector blocks joining both cables are positioned in the center hub area). Place Cover

two screws.

over Potentiometer Assembly and secure using

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

MITER SAW

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SIMPLIFIED WIRING SCHEMATIC (For Reference Only)

