Milwaukee®
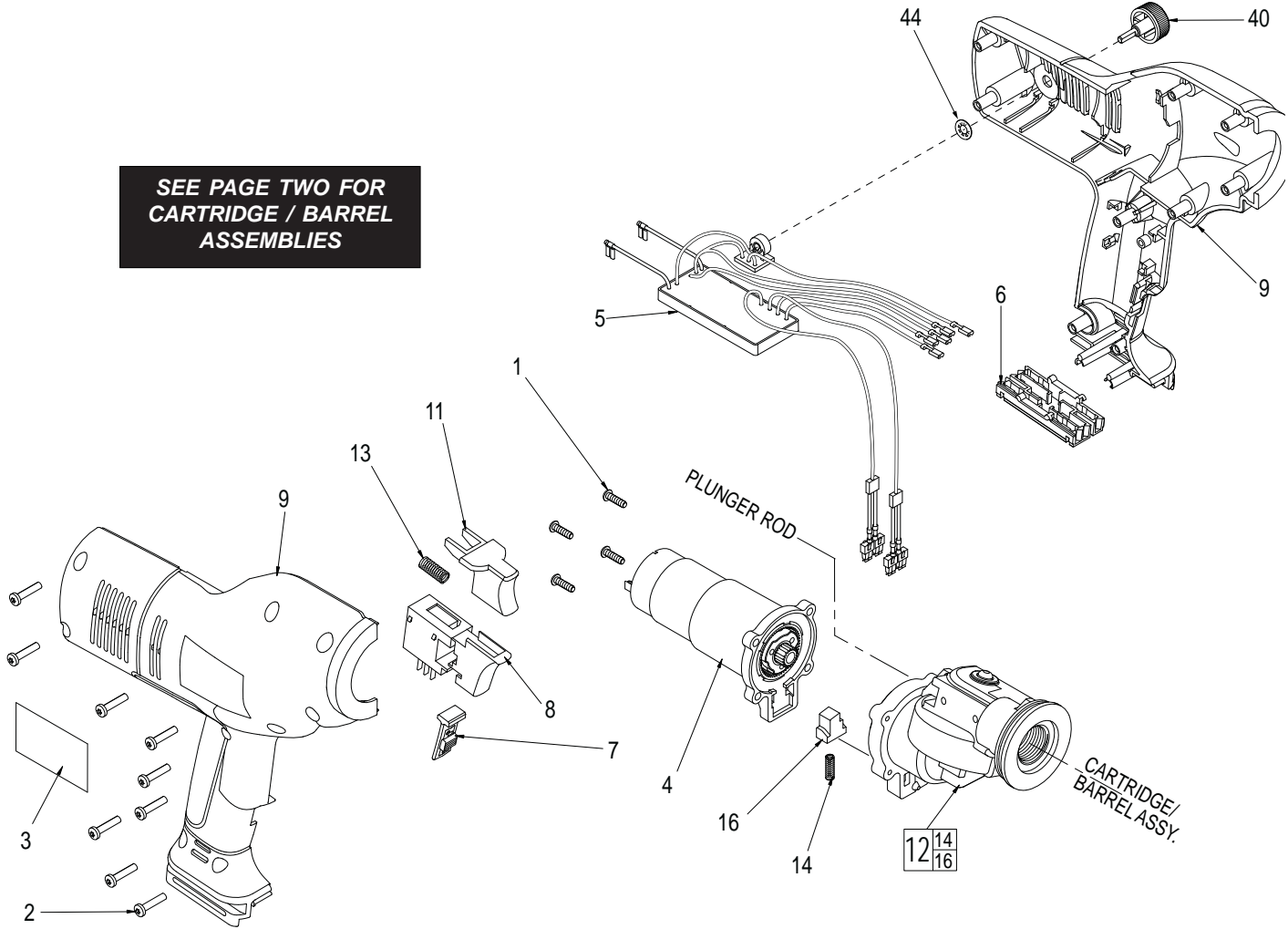
SERVICE PARTS LIST

BULLETIN NO.
55-06-1486

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

14.4 V CORDLESS CAULK GUN

REVISED BULLETIN 55-06-1485	DATE Jan. 2010	

CATALOG NUMBER **6562-51 (PCG 14,4)**

SERIAL NUMBER **A63B**

PRODUCT NUMBER **4000 4195 60**

WIRING INSTRUCTION
SEE PAGE 3

EXAMPLE:

00	0

Component Parts (Small #) Are Included When Ordering The Assembly (Large #).

SEE PAGE TWO FOR CARTRIDGE / BARREL ASSEMBLIES

PLUNGER ROD

CARTRIDGE/ BARREL ASSY.

12	14 16

★= **Part number change**
from previous service parts list.

MODEL NO. 6562-51   TOOL ONLY

FIG.	PART NO.	DESCRIPTION OF PART	QTY.
1	06-82-2625	Screw	(4)
2	06-82-7470	Screw	(9)
3	12-20-3475	Service Nameplate Kit	(1)
4	14-50-0750	Motor / Gearcase Assembly	(1)
★ 5	22-09-1685	P.C. Board Assembly	(1)
6	22-56-0195	Connector Block	(1)
7	23-66-2230	Lock Switch	(1)
8	23-66-2390	Switch	(1)
9	31-50-1825	Housing Kit	(1)
11	31-92-0340	Clutch Release Trigger	(1)
12	32-48-0095	Output Gearcase Assembly	(1)
13	40-50-0990	Trigger Spring	(1)
14	40-50-3930	Lever Spring	(1)
16	44-10-0500	Clutch Release Lever	(1)
40	43-98-0645	Speed Control Dial	(1)
44	42-70-0900	Clip	(1)

Inserting the Plunger Rod

Always lock the trigger or remove the battery pack before inserting the plunger rod. Do not run the tool to pull the plunger rod through the tool, this will damage the tool and rod. Manually push the plunger rod through the tool, as follows:

1. Press in and hold rod release trigger.
2. Grasp the plunger rod handle. The teeth on the plunger rod should point toward the left and slightly down.
3. Insert the plunger rod from the rear of the tool. It may be necessary to wiggle the plunger rod slightly while pushing it through the tool.

NOTE: Keep the plunger rod clean. Retracting or inserting a plunger that is covered with material may damage the internal parts of the tool.

17a Plunger Rod with internal threads (for Small 10 oz. Cartridge)

17c Plunger Rod with external threads (for 15" Barrel Assembly)
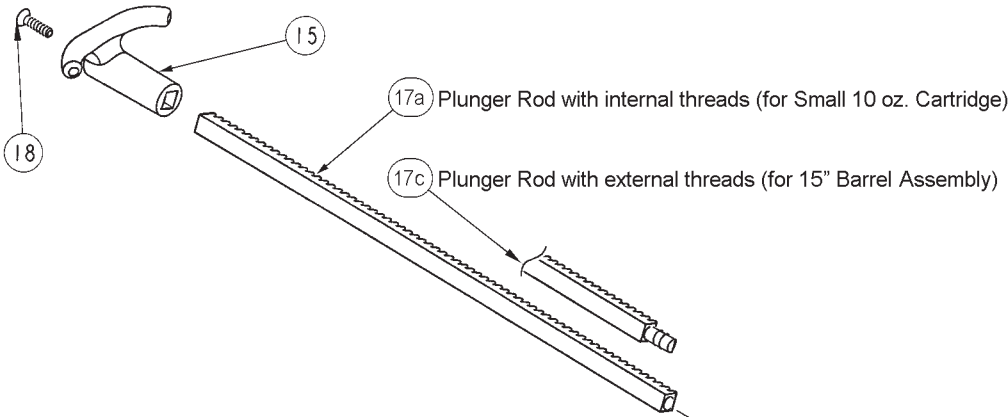
TOOL MODELS SHOWN BELOW ALSO INCLUDE COMPONENTS LISTED ON THE FRONT COVER

MODEL NO. 6562-50
TOOL with SMALL 10 OZ. CARTRIDGE

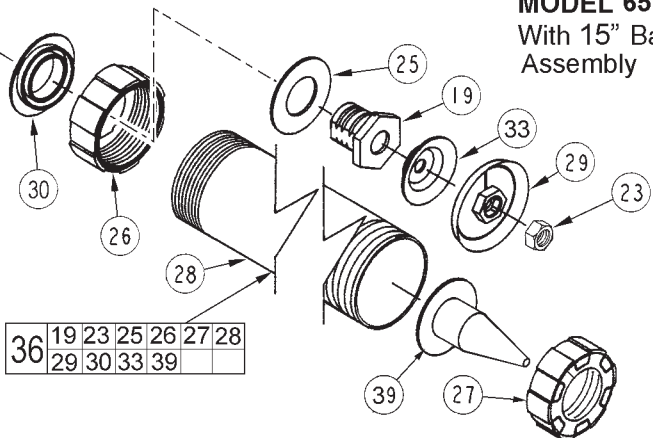| FIG.	PART NO.	DESCRIPTION OF PART	QTY.
10	45-04-0715	Frame Mounting Screw	(1)
15	31-44-1025	Plunger Rod Hook	(1)
17a	49-52-0600	Plunger Rod	(1)
18	45-04-0661	Screw-Plunger Rod	(2)
20	31-12-0275	Frame Cap	(1)
31	31-01-1700	Frame	(1)
32	44-70-0630	Plunger	(1)
35	48-08-1075	Small Cartridge Assembly	(1)
37	31-01-1705	Cartridge Frame Assembly	(1)
38	49-96-4670	Wrench (Not Shown)	(1)

MODEL 6562-50
With Small
10 Oz. Cartridge
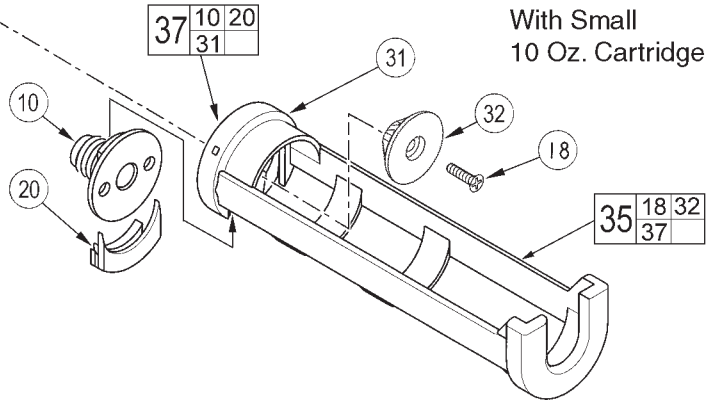
MODEL NO. 6562-54
TOOL with 15" BARREL ASSEMBLY

FIG.	PART NO.	DESCRIPTION OF PART	QTY.
15	31-44-1025	Plunger Rod Hook	(1)
17c	49-52-0660	Plunger Rod	(1)
18	45-04-0661	Screw-Plunger Rod	(1)
19	45-04-0705	Barrel Screw	(1)
23	06-55-2457	Retaining Nut	(1)
25	45-88-0595	Washer	(1)
26	42-52-1005	Cap Mount	(1)
27	42-52-1000	Nozzle Cap	(1)
28	30-06-0010	Barrel	(1)
29	44-70-0040	Plunger-Plastic	(1)
30	31-86-0220	Washer-Grey	(1)
33	44-70-0300	Steel Plunger	(1)
36	48-08-1090	Barrel Assembly	(1)
38	49-96-4670	Wrench (Not Shown)	(1)
39	45-76-0525	Yellow Nozzle (Qty. 2 supplied with 36)	(1)

MODEL 6562-54
With 15" Barrel
Assembly

Attach terminal from orange wire
#3 to the positive side of motor
(marked with red dot).

Attach terminal from blue
wire #4 to the other side
of motor.

Speed
Dial Stem

Potentiometer
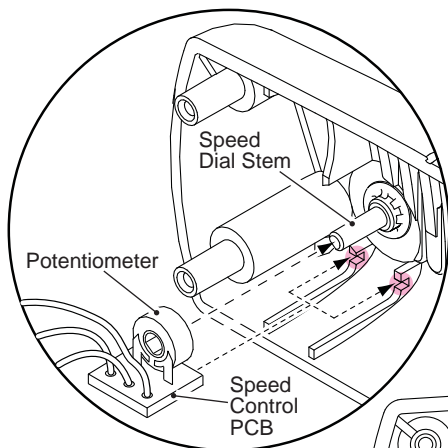
Speed
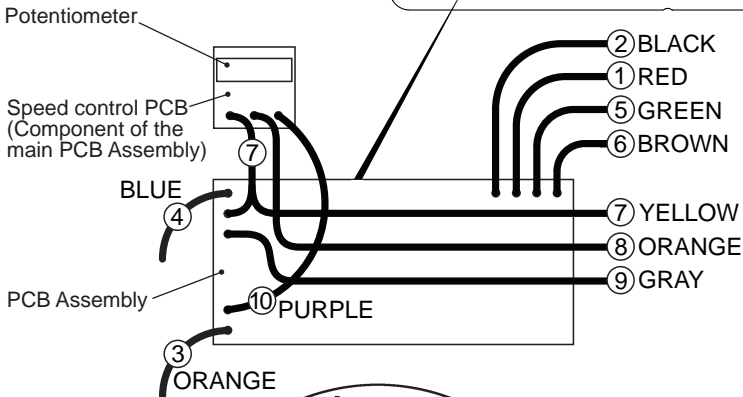Control
PCB

Position speed dial (40) with the
'1' aligned with arrow on the left
housing half (9).

Slide potentiometer of speed
control PCB onto stem of speed
dial. Be sure that the speed control
PC Board is firmly seated in the
two notches in the left housing half.

Potentiometer

Speed control PCB
(Component of the
main PCB Assembly)

BLUE
④

PCB Assembly

⑦

③
ORANGE

⑩ PURPLE

②BLACK
①RED
⑤GREEN
⑥BROWN

⑦YELLOW
⑧ORANGE
⑨GRAY

⑧ORANGE
⑨GRAY
⑦YELLOW

⑥BROWN

⑤GREEN

RED① ②
BLACK

+ −

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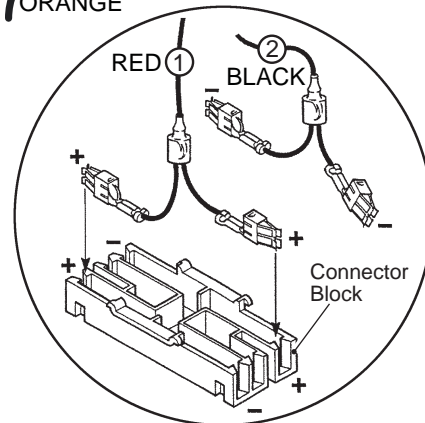
Connector
Block

⚠ **WARNING**

SWITCH POLARITY SENSITIVE
If wired incorrectly with connector
block, switch **will be** damaged
and destroyed!

NOTE: Proper polarity in
connector block requires leads to
be crossed, as illustrated.

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

**BE CAREFUL AND AVOID PINCHING WIRES
BETWEEN HANDLE HALVES WHEN ASSEMBLING.**

\<WIRING SPECIFICATIONS\>					
Wire No.	Wire Color	Origin or Part No.	Gauge	Length	Terminals, Connectors and End Wire Preparation
1	Red	*	-----	-----	* Component of the PCB Assy. Place positive terminal clips in connector block as shown in detail.
2	Black	*	-----	-----	* Component of the PCB Assy. Place negative terminal clips in connector block as shown in detail.
3	Orange	*	-----	-----	* Component of the PCB Assy. Attach terminal to positive side of motor (marked with red dot).
4	Blue	*	-----	-----	* Component of the PCB Assy. Attach terminal to the other side (negative side) of motor.
5	Green	*	-----	-----	* Component of the PCB Assembly. Attach terminal to '2↓' position on bottom of switch.
6	Brown	*	-----	-----	* Component of the PCB Assembly. Attach terminal to 'a' position on bottom of switch.
7	Yellow	*	-----	-----	* Component of the PCB Assembly. Attach terminal to '↑2' position on bottom of switch.
8	Orange	*	-----	-----	* Component of the PCB Assembly. Attach terminal to '1↑' position on bottom of switch.
9	Gray	*	-----	-----	* Component of the PCB Assembly. Attach terminal to '2a' position on bottom of switch.
10	Purple	*	-----	-----	* Component of the PCB Assembly.

WIRING SPECIFICATIONS

BULK LEAD WIRE - BULLETIN 58-01-0003