SERVICE PARTS LIST

SPECIFY CAT

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

12 Volt PVC Shear

2470-20 STARTING SERIAL NO.

C28B

REVISED BULLETIN DATE 54-27-2480 June 2015

WIRING INSTRUCTION
SEE PAGES 2 & 3

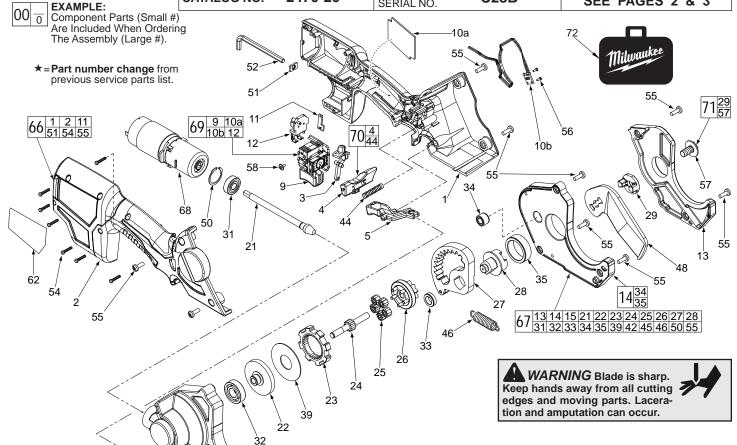
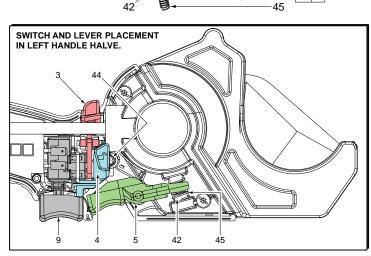


FIG.

15³³

PART NO.



PART NO.	DESCRIPTION OF PART	NO. REQ.
	Handle Halve - Left	(1)
	Handle Halve - Right	(1)
42-42-0640	Forward / Reverse Lever	(1)
	Lockout Lever	(1)
44-10-0750	Blade Quick Release Lever	(1)
	Switch	(1)
	PC Board	(1)
23-66-2005	Blade Shut-Off Switch	(1)
	Fuel Gauge	(1)
	Terminal Block Assembly	(1)
28-14-2340	Front Gearcase - Left	(1)
28-14-2345	Front Gearcase - Center	(1)
28-14-2350	Front Gearcase - Right	(1)
	42-42-0640 	

26 27 28 29 31 32	32-75-3500 43-72-0560	Carriage Gear Internal Gear Blade Hub Spindle Blade Holder	(1) (1) (1)
28 29 31		Blade Hub Spindle	` '
29 31			(1)
31	43-72-0560	Plada Haldar	
			(1)
32		Ball Bearing	(1)
	02-04-1210	Ball Bearing	(1)
33		Blade Hub Bushing	(1)
34		Bushing	(1)
35		Blade Hub Bushing	(1)
39		Washer	(1)
42	44-50-0300	Blade Quick Release Pin	(1)
44	40-50-0270	Compression Spring	(1)
45	40-50-1980	Blade Quick Release Spring	(1)
46	40-50-1650	Blade Extension Return Spring	(1)
48	48-44-0405	PVC Cutter Blade Replacement	(1)
50	44.00.0050	Inverted Retaining Ring	(1)
51	44-86-0650	Hex Key Retainer	(1)
52	45-96-0325	3/16" Hex Key_	<u>(1)</u>
54	06-82-2385	M2.6 x 14mm T-8 Screw	(7)
55	06-82-2380	8-32UNC x .472" T-20 Screw	(9)
56	05-89-0600	0-80 x .14" Screw	(2) (1)
57	05.04.0505	5/16 x 1/2" Screw	(1)
58	05-81-0535	M2.3 Washer Screw	(1)
62	12-20-2472	Service Nameplate	(1)
★ 66	31-44-2290	Handle Halve Kit	(1)
67	14-30-1020	Front Gearcase Assembly	(1)
68	23-30-0800	Motor & Rear Gearcase Assembly	(1)
★ 69	23-66-3095	Switch Assembly	(1)
★ 70	31-76-0210	Lockout Shuttle Assembly	(1)
71 72	43-72-0700	Drive Attachment	(1)
12	42-55-2470	Carrying Case	(1)

DESCRIPTION OF PART

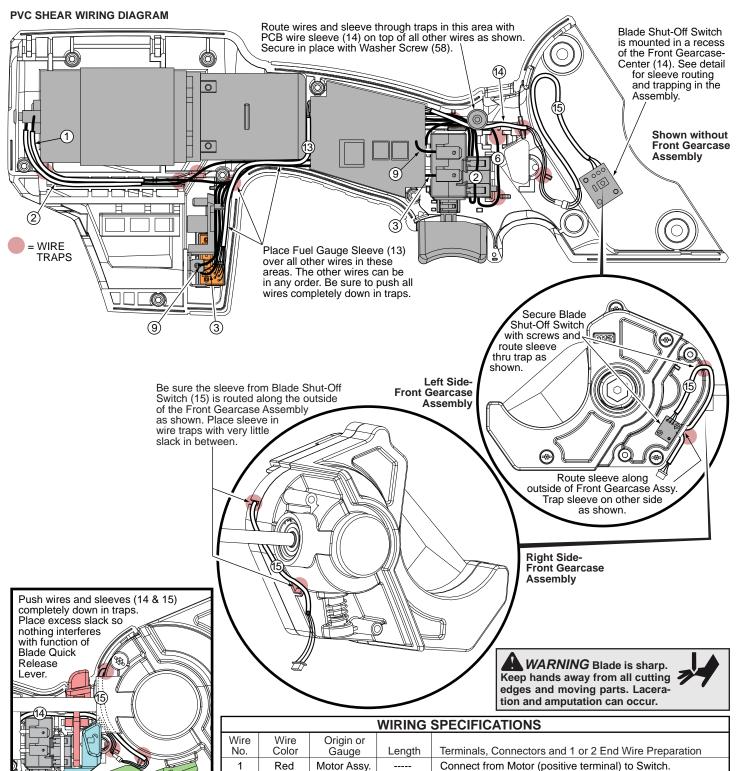
Bevel Pinion Shaft

NO. REQ.

(1)

ADDITIONAL SERVICE NOTES AND WIRING LOCATED ON PAGES 2, 3 & 4 OF BULLETIN

MILWAUKEE ELECTRIC TOOL CORPORATION 13135 W. Lisbon Road, Brookfield, WI 53005 Drwg. 3

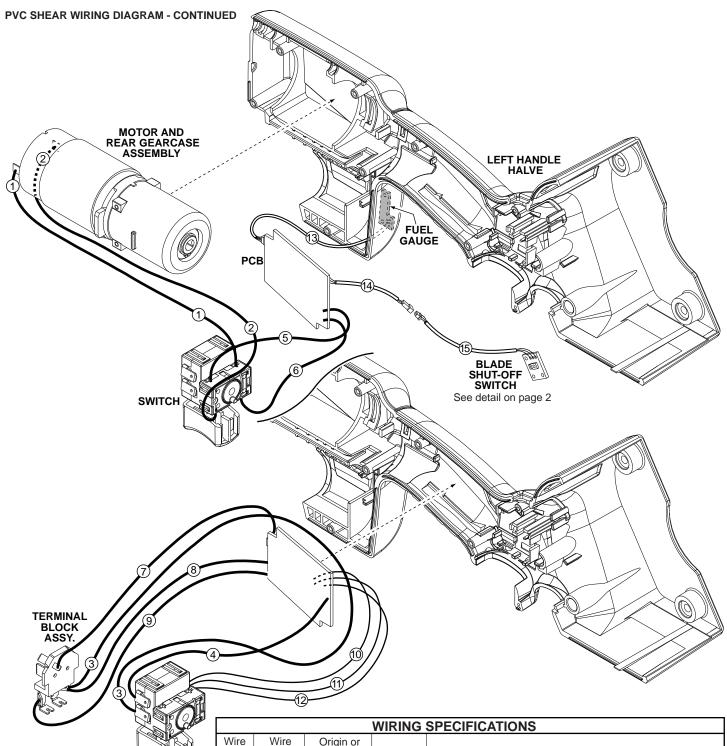


Blade Quick Release Lever.

NOTE: SWITCH ASSEMBLY
(23-66-3095) CONSISTS OF:
SWITCH, PC BOARD,
BLADE SHUT-OFF SWITCH AND
TERMINAL BLOCK ASSEMBLY.

FUEL GAUGE IS A COMPONENT OF HANDLE HALVE KIT (31-44-2290).

	WIRING SPECIFICATIONS			
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Red	Motor Assy.		Connect from Motor (positive terminal) to Switch.
2	Black	Motor Assy.		Connect from Motor (negative terminal) to Switch.
3	Red	Switch Assy.		Attached to the Switch and Terminal Block.
4	Black	Switch Assy.		Attached to the Switch and the PC Board.
5	Red	Switch Assy.		Attached to the Switch and the PC Board.
6	White	Switch Assy.		Attached to the Switch and the PC Board.
7	White	Switch Assy.		Attached to the PC Board and the Terminal Block.
8	Red	Switch Assy.		Attached to the PC Board and the Terminal Block.
9	Black	Switch Assy.		Attached to the PC Board and the Terminal Block.
10	Yellow	Switch Assy.		Attached to the Switch and the PC Board.
11	Blue	Switch Assy.		Attached to the Switch and the PC Board.
12	Black	Switch Assy.		Attached to the Switch and the PC Board.
13		Fuel Gauge		Attach connector end of 5 wire sleeve to PC Board.
14		Switch Assy.		Attach connector end of 3 wire sleeve on PC Board to the
				corresponding connector on the Blade Shut-Off Switch.
15		Switch Assy.		Attach connector end of 3 wire sleeve on Blade Shut-Off
				Switch to the corresponding connector on the PC Board.



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.

NOTE: SWITCH ASSEMBLY
(23-66-3095) CONSISTS OF:
SWITCH, PC BOARD,
BLADE SHUT-OFF SWITCH AND
TERMINAL BLOCK ASSEMBLY.

FUEL GAUGE IS A COMPONENT OF HANDLE HALVE KIT (31-44-2290).

	WIKING SPECIFICATIONS				
	Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
	1	Red	Motor Assy.		Connect from Motor (positive terminal) to Switch.
	2	Black	Motor Assy.		Connect from Motor (negative terminal) to Switch.
	3	Red	Switch Assy.		Attached to the Switch and Terminal Block.
s	4	Black	Switch Assy.		Attached to the Switch and the PC Board.
	5	Red	Switch Assy.		Attached to the Switch and the PC Board.
	6	White	Switch Assy.		Attached to the Switch and the PC Board.
	7	White	Switch Assy.		Attached to the PC Board and the Terminal Block.
	8	Red	Switch Assy.		Attached to the PC Board and the Terminal Block.
	9	Black	Switch Assy.		Attached to the PC Board and the Terminal Block.
	10	Yellow	Switch Assy.		Attached to the Switch and the PC Board.
	11	Blue	Switch Assy.		Attached to the Switch and the PC Board.
	12	Black	Switch Assy.		Attached to the Switch and the PC Board.
,	13		Fuel Gauge		Attach connector end of 5 wire sleeve to PC Board.
1	14		Switch Assy.		Attach connector end of 3 wire sleeve on PC Board to the
					corresponding connector on the Blade Shut-Off Switch.
Т	15		Switch Assy.		Attach connector end of 3 wire sleeve on Blade Shut-Off
					Switch to the corresponding connector on the PC Board.

