



SERVICE PARTS LIST

BULLETIN NO.
54-44-2620

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18™ Metal Cutting Shear with 18 Ga. Single Cut Head			Sept. 2014
CATALOG NO. 2637-20	STARTING SERIAL NO. F88A	WIRING INSTRUCTION SEE PAGE THREE	

EXAMPLE:
00 0 Component Parts (Small #) Are Included
When Ordering The Assembly (Large #).

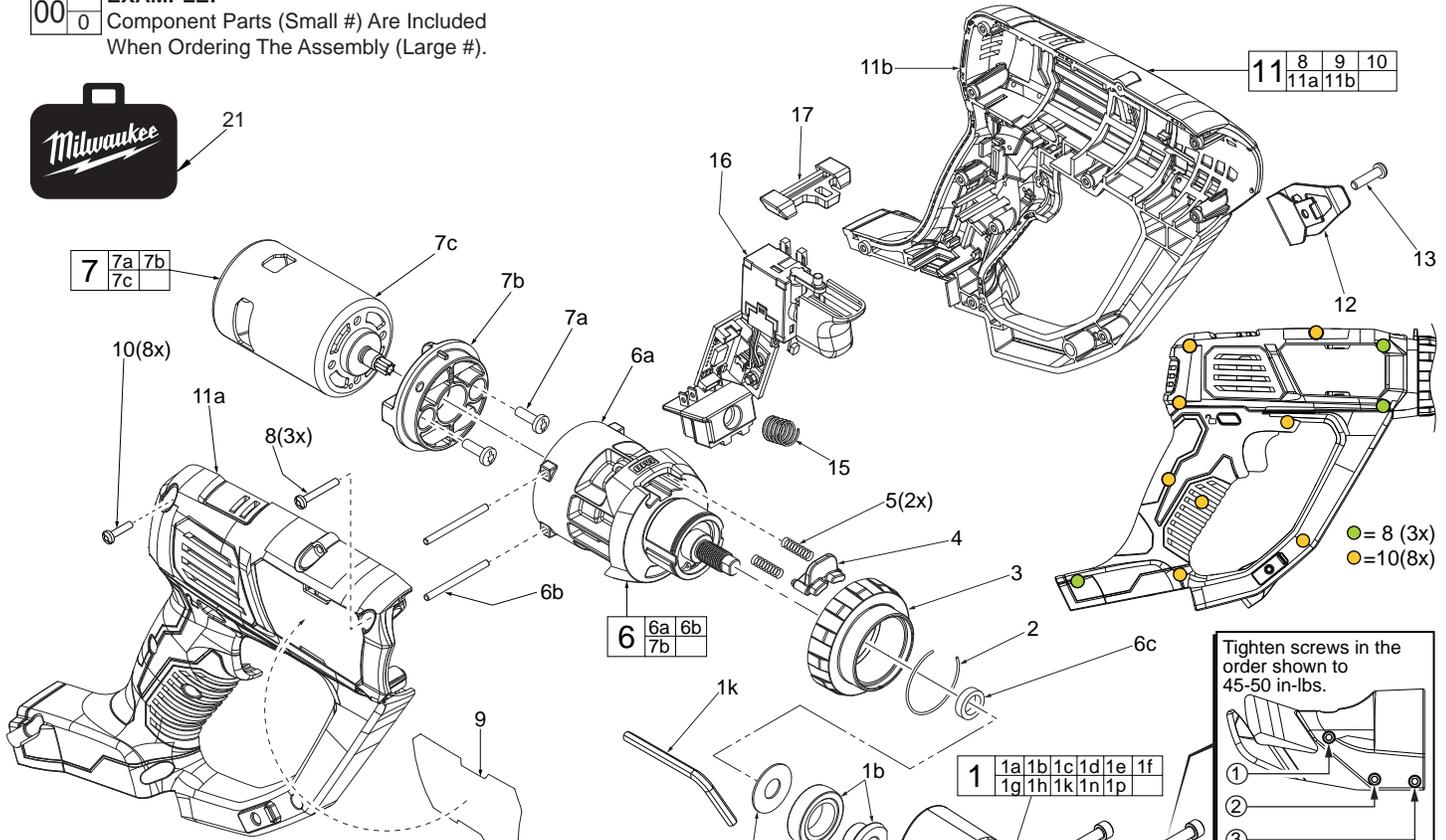
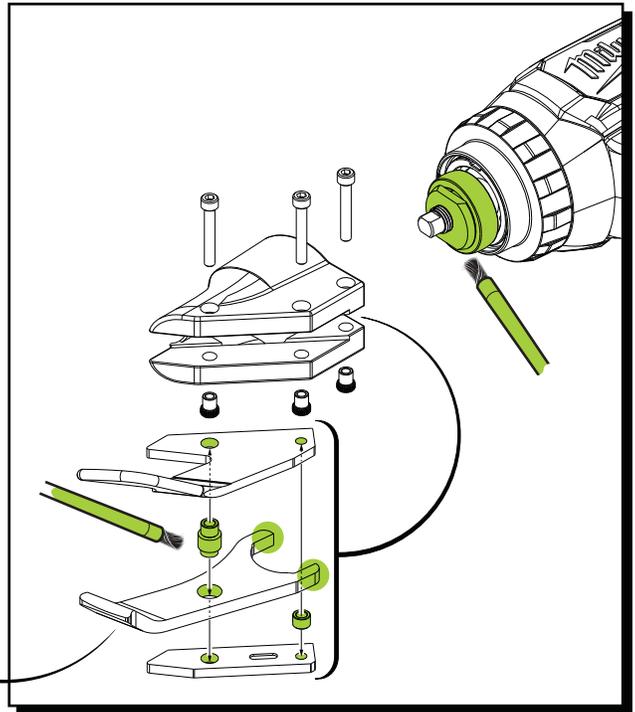
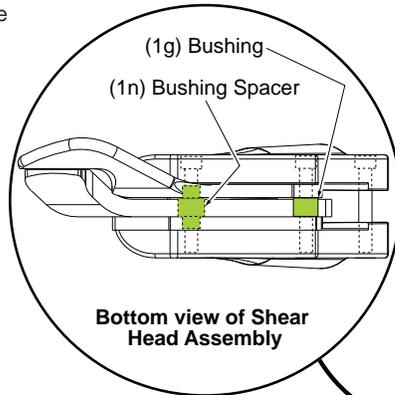


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
	1	48-08-0507 Shear Head Assy. (Includes 1a thru 1p)	1
	1a	45-88-7310 Washer	1
	1b	43-16-0117 Eccentric Assembly	1
	1c	43-84-0461 Knurled Insert	3
	1d	43-76-0417 Shear Housing	1
	1e	06-75-2116 10-32 x 1-1/4" Skt. Hd. Cap Screw	3
	1f	48-44-0167 Side Knife	1
	1g	42-40-0527 Bushing	2
	1h	48-44-0157 Blade - Center	1
	1k	49-96-0070 5/32" Hex Allen Wrench	1
	1n	42-40-0528 Spacer Bushing	1
	1p	42-40-0529 Side Spacer	1
	2	34-60-0905 'C' Retaining Ring	1
	3	28-84-0130 Rotational Collar	1
	4	31-52-0070 Rotational Head Release Lever	1
	5	40-50-1085 Spring	2
	6	14-30-2637 Gearbox Assembly	1
	6a	----- Gearbox	1
	6b	----- 2.5mm x 47mm Steel Pin	2
	6c	45-88-7940 Washer (Spacer)	1
	7	14-50-2635 Motor Assembly	1
	7a	----- M5.0 x 12mm Screw	2
	7b	----- Motor Mount Plate	1
	7c	----- Motor	1
	8	05-86-0300 M3.0 x 22.5mm Pan Hd. ST T-10 Screw	3
	9	12-20-2635 Service Nameplate	1
	10	06-82-6350 M3.0 x 16mm Pan Hd. ST T-10 Screw	8
	11	31-44-2900 Handle Housing Assembly	1
	11a	----- Handle Half - Right (Cover)	1
	11b	----- Handle Half - Left (Support)	1
	12	42-70-0095 Belt Clip	1
	13	06-81-4205 6-32 x .75" Pan Hd. Phillips Machine Screw	1
	15	40-50-1090 Compression Spring	1
	16	23-66-6000 Electronics Assembly (Includes On-Off Switch, PCBA and Terminal Connector Block)	1
	17	42-42-0515 Lock-Off Shuttle	1
	21	48-55-3490 Contractors Bag	1

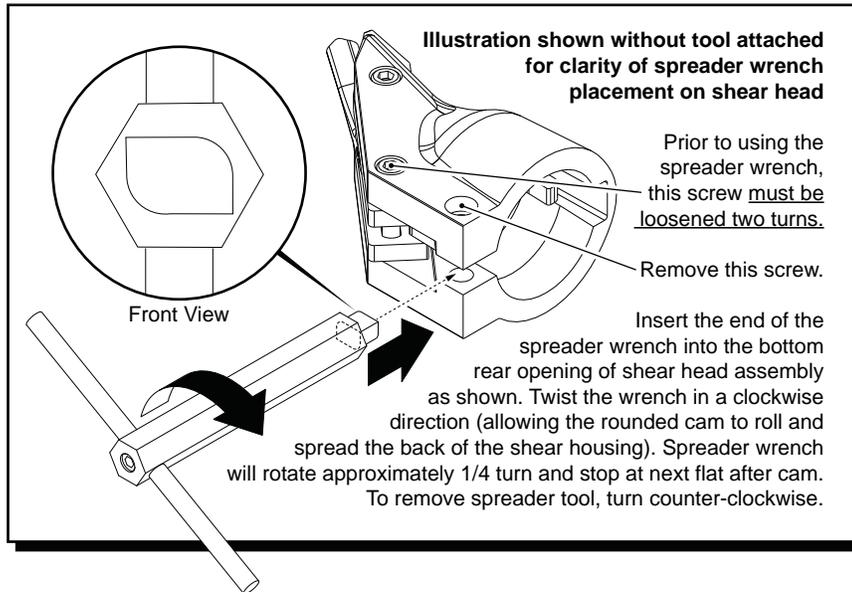
NOTE: See page two of this bulletin for service details relating to the Shear Head Assembly, No. 48-08-0507

- FIG. NOTES:**
- 1b,6a To remove the eccentric assembly (1b) from the output shaft of the gearcase (6a) a 1/4" open end wrench should be used to secure the end of the shaft. Use a thin walled 7/8" wrench to tighten/loosen the eccentric.
 - 2,3,4 When replacing Rotational Collar (3), remove 'C' Retaining Ring (2). Pull back Release Lever (4) while turning Rotational Collar (3) 90° in either direction, lining up the lugs in the Rotational Collar with the slots on the front of the Gearbox.
 - 3,4,5,6a Place a light film of Type 'E' Grease, No. 49-08-4122 to the inside diameter of the Rotational Collar (3), to the front neck of Gearbox (6a), to the underside of the Release Lever (4) and the two Release Lever Springs (5).
 - 6,7,7b Service replacement gearcase assembly (6) comes with a motor mount plate (7b) that must be removed and discarded when servicing. A motor mount plate already exists on the motor assembly (7).

When servicing **Shear Head Assembly No. 48-08-0507** pay close attention to the placement of the Bushings. One is to be placed in the hole of the Center Blade and the front most holes of the Side Knife and the Side Spacer. It is to be held in place with the front most screw on the Shear Housing. The other bushing is to be located below and behind the Center Blade and is to be secured with the middle screw on the Shear Housing. Prior to assembly, it is recommended to use Type 'E' Grease, No. 49-08-4122 on the following areas: Place a dab of grease in the pivot (bushing) hole and on the bushing notch of the Center Blade. Place a dab of grease on the rear flats of the Center Blade. Coat both bushings completely with grease. Place a liberal amount of grease on the entire Eccentric Assembly.



REMOVING SHEAR HEAD ASSEMBLY FROM TOOL



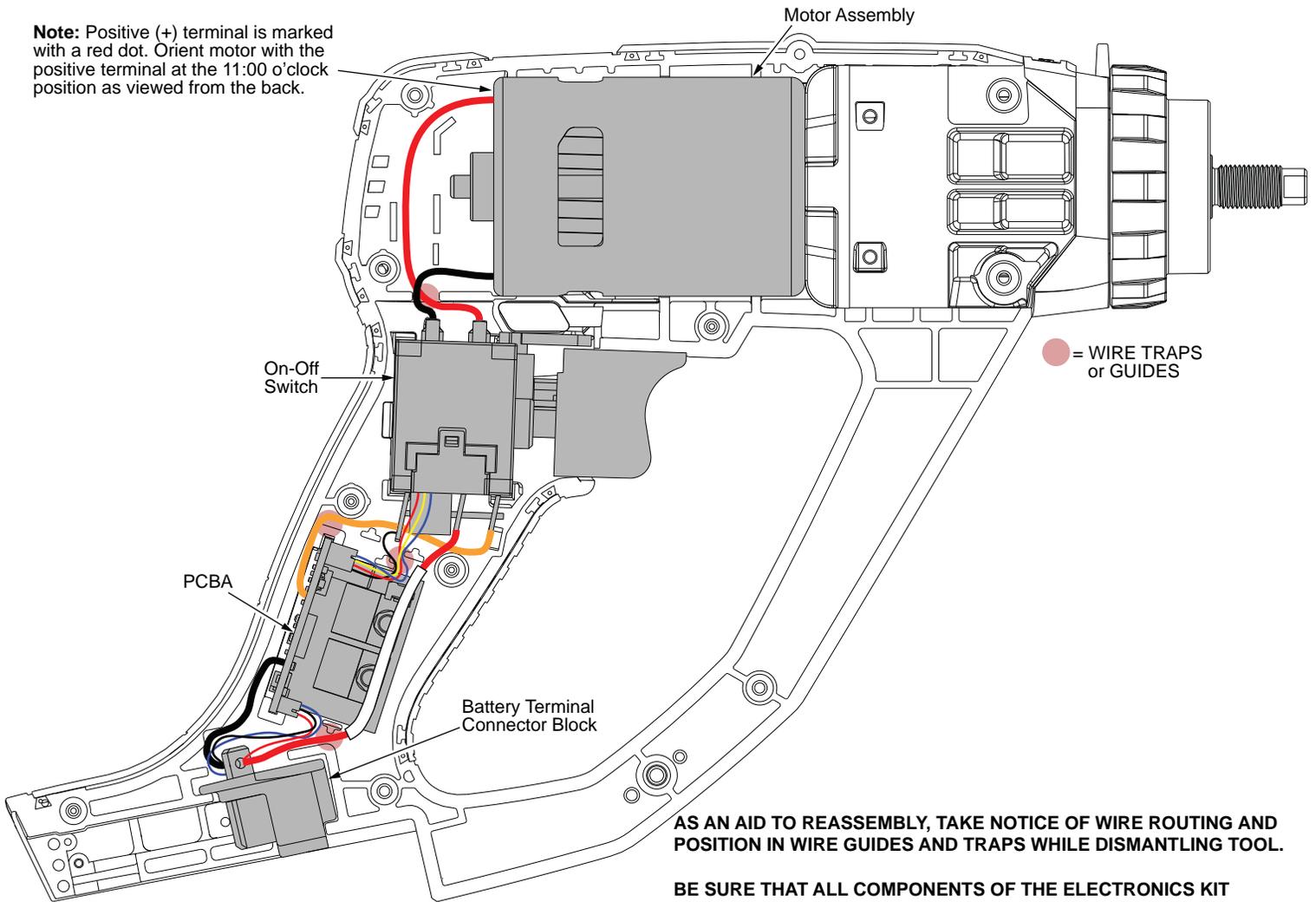
SERVICE TOOLS:

Spreader Wrench No. 61-30-0300
for 14 Gauge Shear Head 48-08-0505
used on Shear No. 2636-20

for 18 Gauge Shear Head 48-08-0507
used on Shear 2637-20

Spreader Wrench No. 61-30-0310
for 18 Gauge Shear Head 48-08-0500
used on Shears 2635-20, 6850 and 6852-20

Note: Positive (+) terminal is marked with a red dot. Orient motor with the positive terminal at the 11:00 o'clock position as viewed from the back.



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

BE SURE THAT ALL COMPONENTS OF THE ELECTRONICS KIT ARE SEATED FIRMLY AND SQUARELY IN THE HANDLE RECESSES.

AVOID PINCHED WIRES, BE SURE THAT ALL WIRES AND SLEEVES ARE PRESSED COMPLETELY DOWN IN WIRE GUIDES AND TRAPS.

PRIOR TO INSTALLING THE HANDLE COVER ONTO THE HANDLE SUPPORT, BE SURE THAT THERE ARE NO INTERFERENCES.