SERVICE PARTS LIST

BULLETIN NO. 54-44-2611

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18™ CORDLESS SHEARS, Double Cut Head		54-44-2610	Nov. 2022
CATALOG NO. 2636-20	STARTING SERIAL NO. **F87B**	WIRING INSTRUCTION	**SEE PAGE 3**

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

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

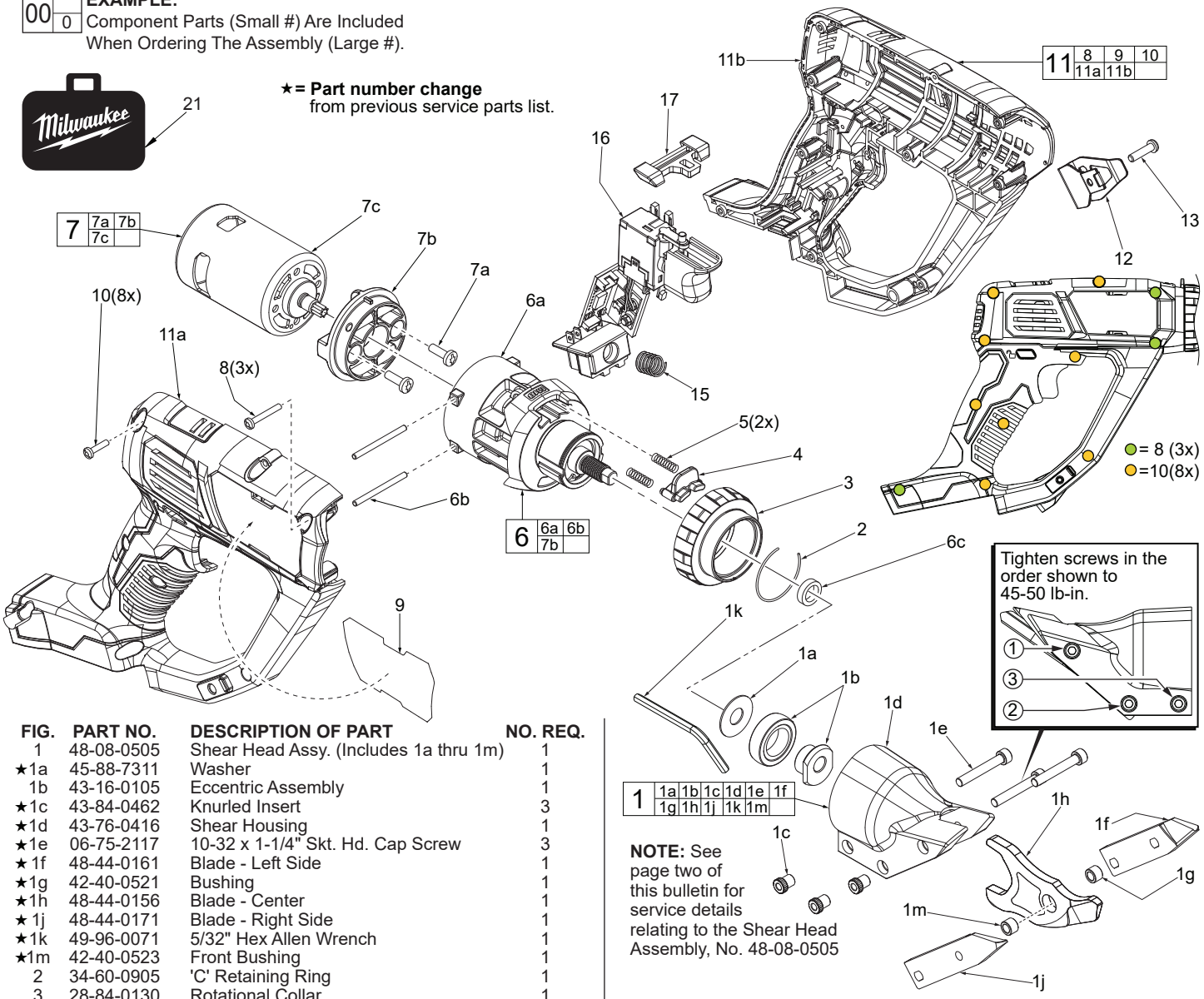

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	48-08-0505	Shear Head Assy. (Includes 1a thru 1m)	1
★1a	45-88-7311	Washer	1
1b	43-16-0105	Eccentric Assembly	1
★1c	43-84-0462	Knurled Insert	3
★1d	43-76-0416	Shear Housing	1
★1e	06-75-2117	10-32 x 1-1/4" Skt. Hd. Cap Screw	3
★1f	48-44-0161	Blade - Left Side	1
★1g	42-40-0521	Bushing	1
★1h	48-44-0156	Blade - Center	1
★1j	48-44-0171	Blade - Right Side	1
★1k	49-96-0071	5/32" Hex Allen Wrench	1
★1m	42-40-0523	Front Bushing	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 Halve - Right (Cover)	1
11b	----------	Handle Halve - 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. 48-08-0505

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 3/4" 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) 90º 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).

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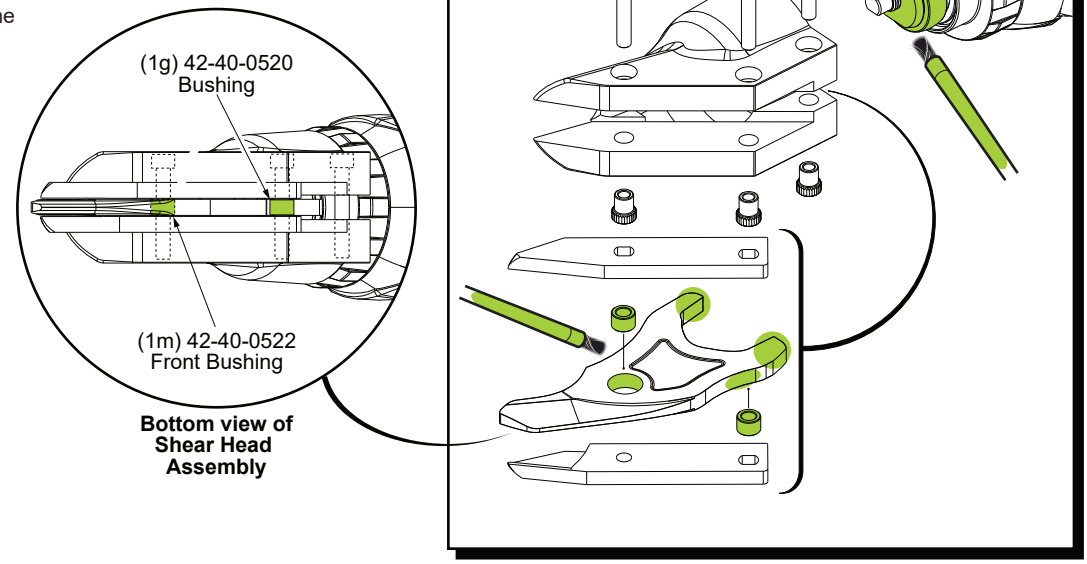
LUBRICATION NOTES: Type 'E' Grease, No. 49-08-4122

When servicing **Shear Head Assembly No. 48-08-0505** pay close attention to the placement of the Bushings. One is to be placed in the hole of the Center Blade and is to be held in place with the front most screw on the Shear Housing. The other bushing is to be located below the small concave notch of 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.



Bottom view of Shear Head Assembly

REMOVING SHEAR HEAD ASSEMBLY FROM TOOL

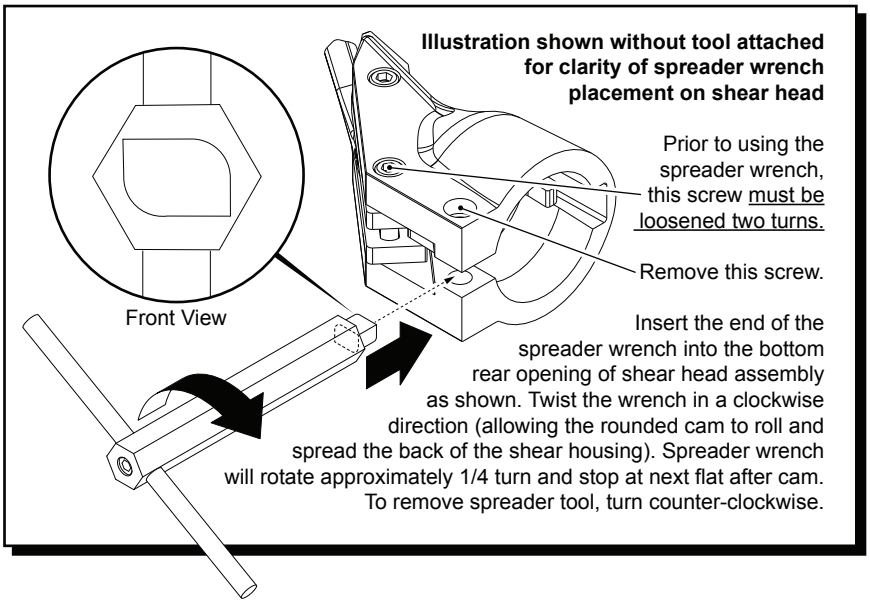


Illustration shown without tool attached for clarity of spreader wrench placement on shear head

Prior to using the spreader wrench, this screw must be loosened two turns.

Remove this screw.

Insert the end of the spreader wrench into the bottom rear opening of shear head assembly as shown. Twist the wrench in a clockwise direction (allowing the rounded cam to roll and spread the back of the shear housing). Spreader wrench will rotate approximately 1/4 turn and stop at next flat after cam. To remove spreader tool, turn counter-clockwise.

SERVICE TOOLS:

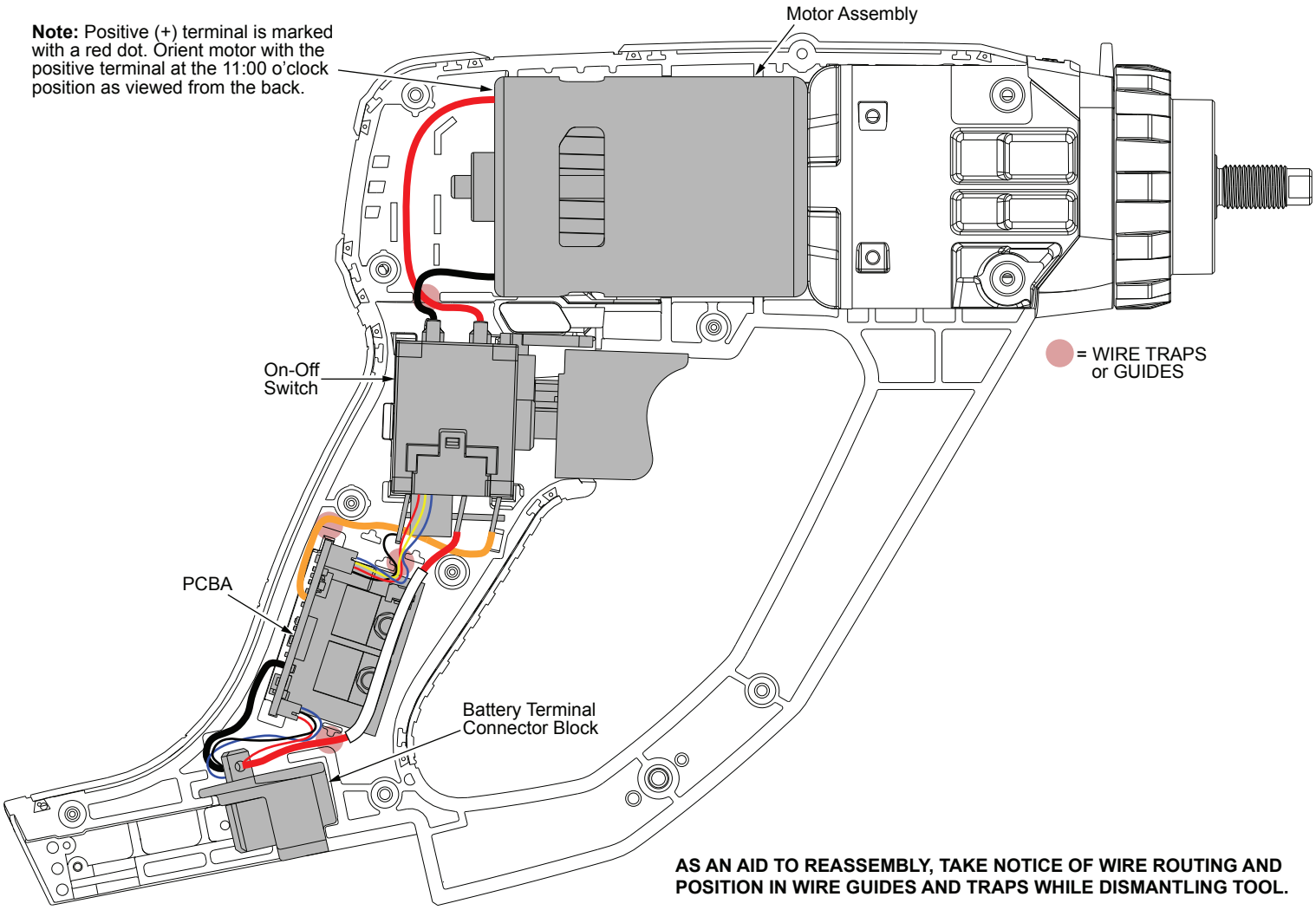
Spreader Wrench No. 61-30-0300
for 14 Gauge Shear Head 48-08-0505
used on Shear No. 2636-20

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 and 6852-20

SERVICE WIRING

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.