SERVICE PARTS LIST

BULLETIN NO. 55-40-2445

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS				REVISED BULLETIN	DATE
M12 JIG SAW					Apr. 2013
CATALOG NO.	**2445-059**	STARTING SERIAL NO.	**E09A**	WIRING INSTRUCTION	**SEE PAGE THREE**

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

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
2	45-22-0970	Barrel Cam	(1)
3	40-50-1810	Spring	(1)
12	05-81-1190	M3.5 x 10mm Screw	(4)
13	42-92-1170	Spindle Bushing Cover	(1)
15	42-24-0700	Spindle Bushing	(1)
16	42-40-1200	Spindle Roller Bushing	(1)

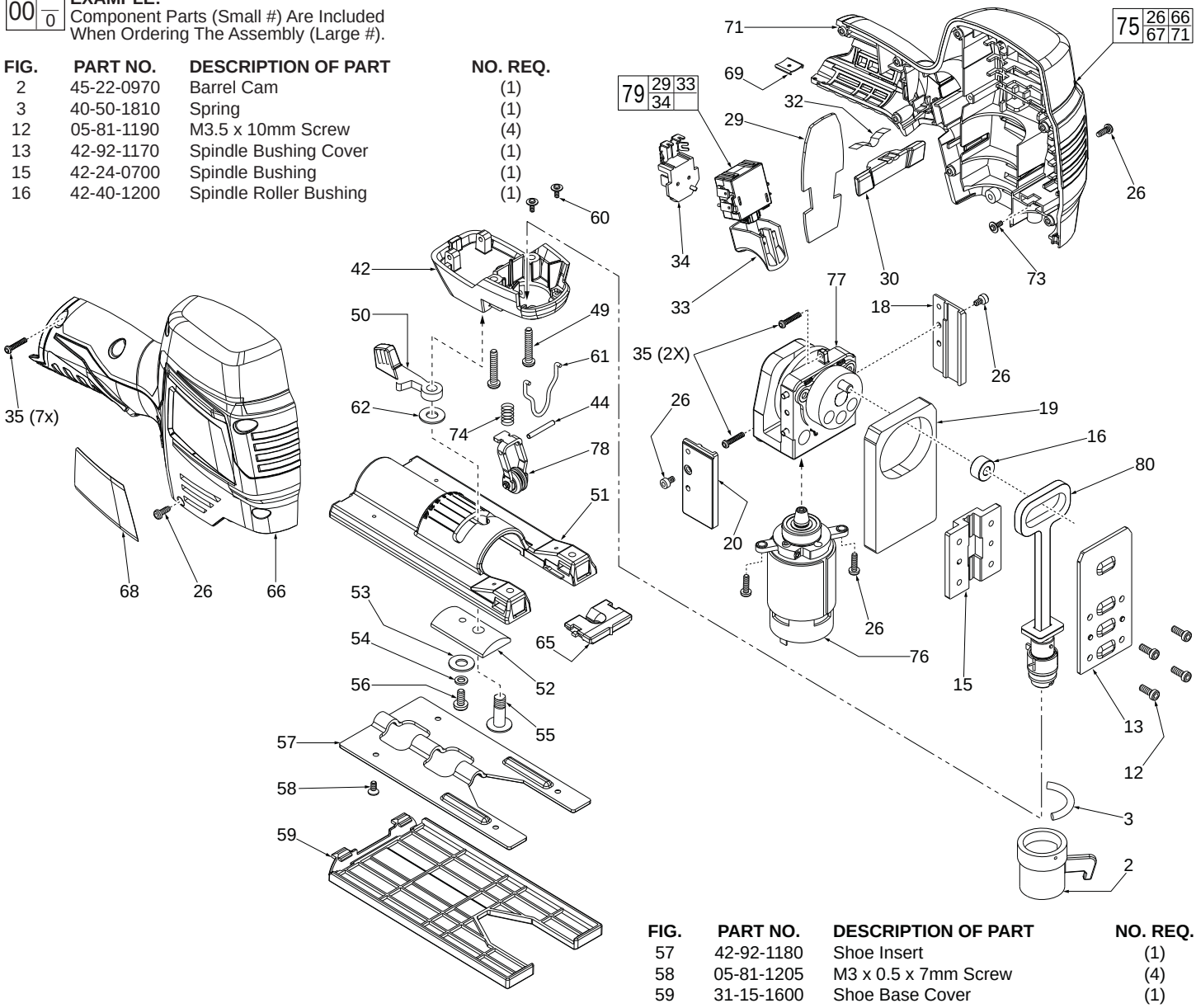
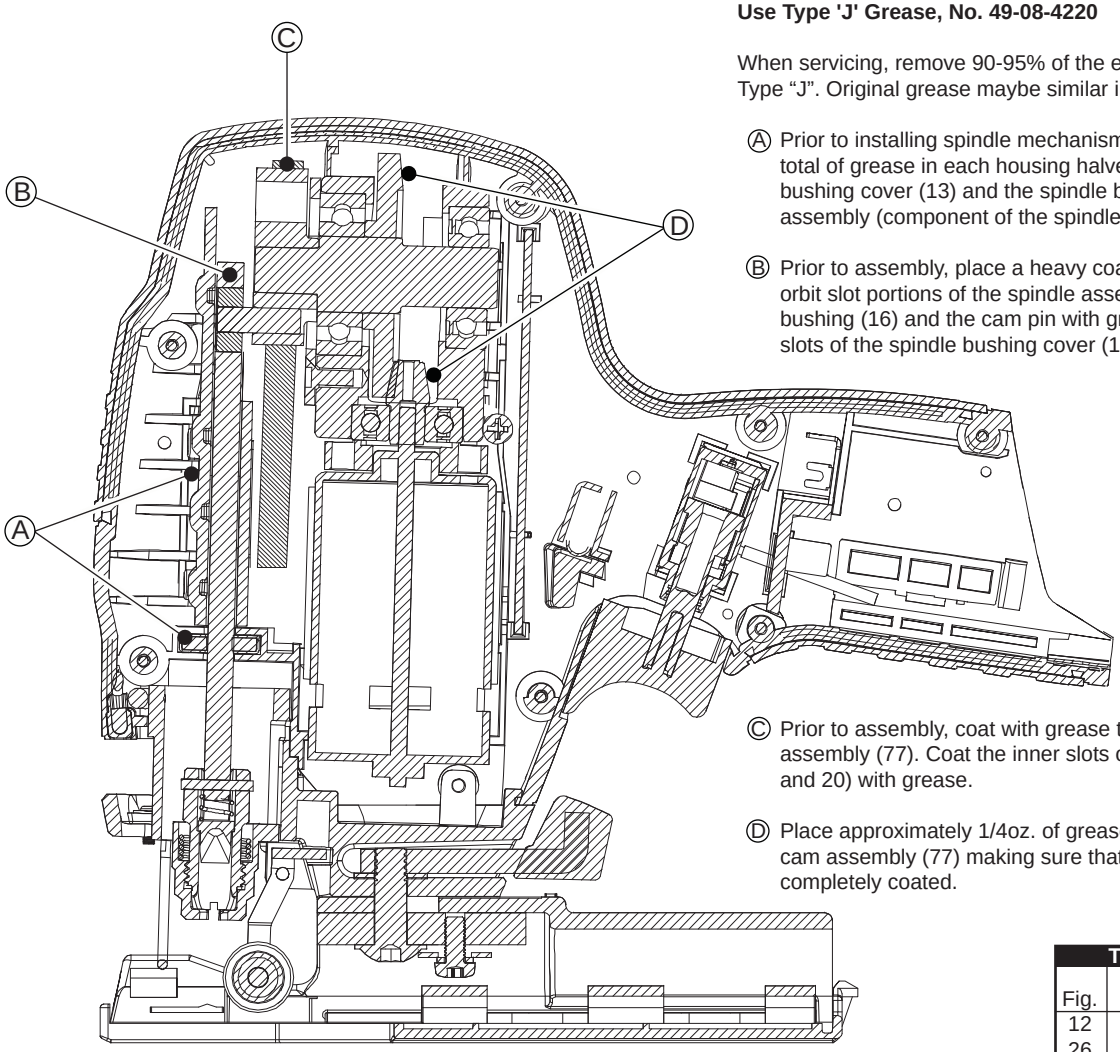


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
18	42-24-0720	Counter Weight Bushing - Left	(1)
19	42-28-0530	Counter Weight	(1)
20	42-24-0710	Counter Weight Bushing - Right	(1)
26	05-86-1000	M3 x 8mm T-10 Screw	(6)
29	----------	PCB Assembly	(1)
30	42-42-1010	Lockout Lever	(1)
32	40-50-1135	Spring Plate	(1)
33	----------	Switch	(1)
34	----------	Battery Connector Block	(1)
35	06-82-1080	M3 x 14mm T-10 Screw	(9)
42	28-14-1030	Lower Housing	(1)
44	06-65-1390	2.5 x 22mm Pin	(1)
49	05-81-1210	M4 x 22mm Screw	(2)
50	44-10-0780	Shoe Release Lever	(1)
51	28-06-0850	Shoe Body	(1)
52	31-17-0600	Shoe Clamp	(1)
53	45-88-2160	Flat Washer	(1)
54	45-88-2150	Spring Washer	(1)
55	05-74-2000	1/4-20 x .75" UNC-2A Screw	(1)
56	05-81-1030	M4 Hex Screw	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
57	42-92-1180	Shoe Insert	(1)
58	05-81-1205	M3 x 0.5 x 7mm Screw	(4)
59	31-15-1600	Shoe Base Cover	(1)
60	05-81-1290	M2.3 x 0.4 Screw	(2)
61	23-94-2400	Guard Wire	(1)
62	45-88-2130	Flat Washer	(1)
65	43-84-1030	Anti-Splintering Device	(1)
66	----------	Housing Halve - Right	(1)
68	----------	Service Nameplate	(1)
69	42-70-1150	Housing Connector	(1)
71	----------	Housing Halve - Left	(1)
73	05-81-1195	M3 x 8mm Screw	(1)
74	40-50-1830	Roller Bracket Spring	(1)
75	31-44-2675	Housing Set with Screws	(1)
76	23-30-0875	Motor Assembly	(1)
77	28-90-0350	Gearbox and Cam Assembly	(1)
78	42-36-1060	Roller Bracket Assembly	(1)
79	23-66-3140	Switch Assembly	(1)
80	38-50-2730	Spindle Assembly	(1)

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

Drwg. 3



LUBRICATION NOTES:
Use Type 'J' Grease, No. 49-08-4220

When servicing, remove 90-95% of the existing grease prior to installing Type “J”. Original grease maybe similar in color but not compatible with “J”.

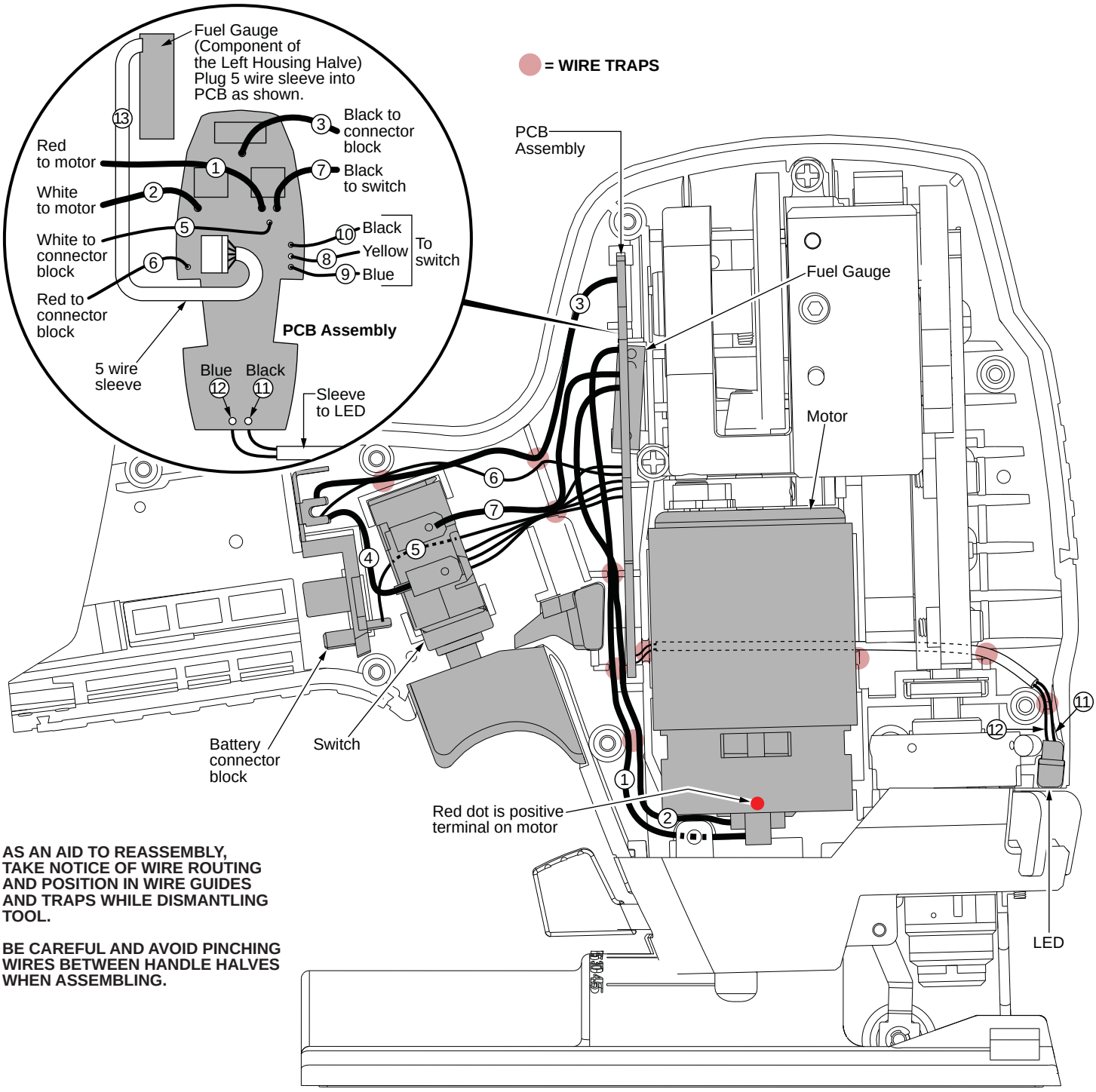
Ⓐ Prior to installing spindle mechanism, distribute approximately 1/4oz. total of grease in each housing halve groove that supports the spindle bushing cover (13) and the spindle bushing (15). Coat the felt seal assembly (component of the spindle assembly (80) with grease.

Ⓑ Prior to assembly, place a heavy coat of grease over the shaft and the orbit slot portions of the spindle assembly (80). Coat the spindle roller bushing (16) and the cam pin with grease. Place grease in the spindle slots of the spindle bushing cover (13) and the spindle bushing (15).

Ⓒ Prior to assembly, coat with grease the cam of the gearcase and cam assembly (77). Coat the inner slots of the counter weight bushings (18 and 20) with grease.

Ⓓ Place approximately 1/4oz. of grease in the middle of the gearbox and cam assembly (77) making sure that the gear and pinion teeth are completely coated.

TORQUE SPECIFICATIONS			
Fig.	Part No.	Min. (In-Lbs)	Max. (In-Lbs)
12	05-81-1190	13	16
26	05-86-1000	6	8
49	05-81-1210	11	14
55	05-74-2000	21	30
56	05-81-1030	14	16
58	05-81-1205	3	6
60	05-81-1290	2	5
73	05-81-1195	2	4



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 Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Red	23-66-3140	-----	Component of the switch assembly. Route from PCBA and solder to motor terminal with red dot.
2	White	23-66-3140	-----	Component of the switch assembly. Route from PCBA and solder to the other motor terminal.
3	Black	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the battery connector block.
4	Red	23-66-3140	-----	Component of the switch assembly. Runs from switch to the battery connector block.
5	White	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the battery connector block.
6	Red	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the battery connector block.
7	Black	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the switch.
8	Yellow	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the switch.
9	Blue	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the switch.
10	Black	23-66-3140	-----	Component of the switch assembly. Runs from PCBA to the switch.
11	Black	23-66-3140	-----	Component of the switch assembly. Sleeved with #12 and runs from PCBA to the LED.
12	Blue	23-66-3140	-----	Component of the switch assembly. Sleeved with #11 and runs from PCBA to the LED.
13	5 wires	31-44-2675	-----	Component of the housing set (specifically the left halve). Plug 5 wire harness into PCBA as shown.