## SERVICE PARTS LIST

Milwaukee CATALOG NO.

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

2652-20

18 Volt 1/2" Square Impact Driver

STARTING **B78A** SERIAL NO

REVISED BULLETIN DATE Jan. 2011

> WIRING INSTRUCTION SEE PAGE 3

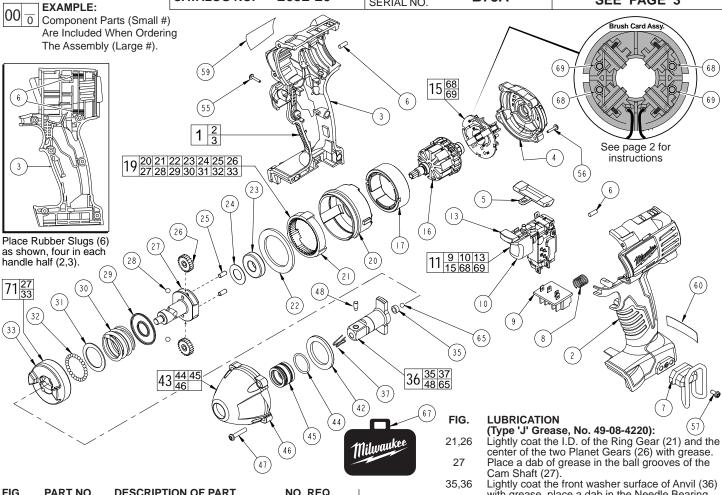


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	31-44-2430	Handle Assembly	(1)
2		Left Handle Half	(1)
3		Right Handle Half	(1)
4	42-52-0062	End Cap	(1)
5	45-24-0300	Forward / Reverse Shuttle	(1)
6	45-30-0250	Rubber Slug	(8)
2 3 4 5 6 7	42-70-5150	Belt Hook	(1)
8	40-50-1090	Spring	\i\
9		Contact Block	(1)
10	23-66-0425	Switch	(1)
11	23-66-0426	Switch/Brush Card Assembly	\i\
13		LED Assembly	\i\
15	22-22-1630	Brush Card Assembly	\i\
16	16-01-3010	Service Armature Assembly	\i\
17	18-01-3010	Service Field	\i\
19	14-30-0920	Gear Box Assembly	\i\
20		Rear Case	\i\
21		Ring Gear	\i\
22		Retaining Ring	\i\
23		Ball Bearing	\i\
24		Washer	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
25		Pin	
26		Planet Gear	(2) (2) (1)
27		Cam Shaft	\ <del>1</del> \
28		3/16" Steel Ball	}2⟨
29		Washer	(2) (1)
30		Compression Spring	\i\
31		Washer	\i\
32		3.0mm Steel Ball	(30)
33		Hammer	(1)
35		Needle Bearing	\i\
36	42-06-0650	1/2" Square Drive Anvil Assembly	\i\
37	40-50-8320	Detent Spring	\i\
42	45-88-2025	Front Washer	\i\
43	28-50-0900	Front Case Sub-Assembly	\i\
44		Retaining Ring	(1)
45		Bushing	\i\
46		Front Case	\i\
47	06-82-7010	8-18 x 24 Pan Hd. Screw	(4)
			( - /

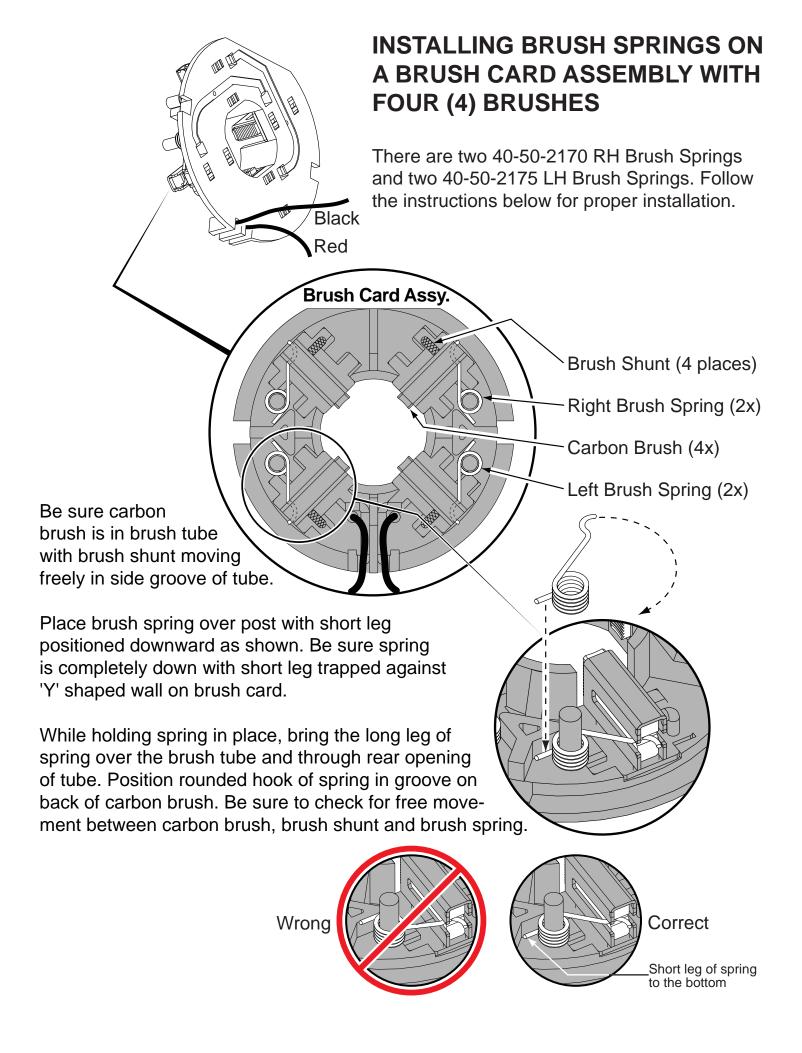
	´ w ir	ightly coat the front washer surface with grease, place a dab in the Ne iside the Anvil. coat inside grooves of Bushing (45)	edle Bearing ´
FIG. 48	PART NO. 44-60-1170	DESCRIPTION OF PART Detent Pin M3 Pan Hd T 10 Serow	NO. REQ

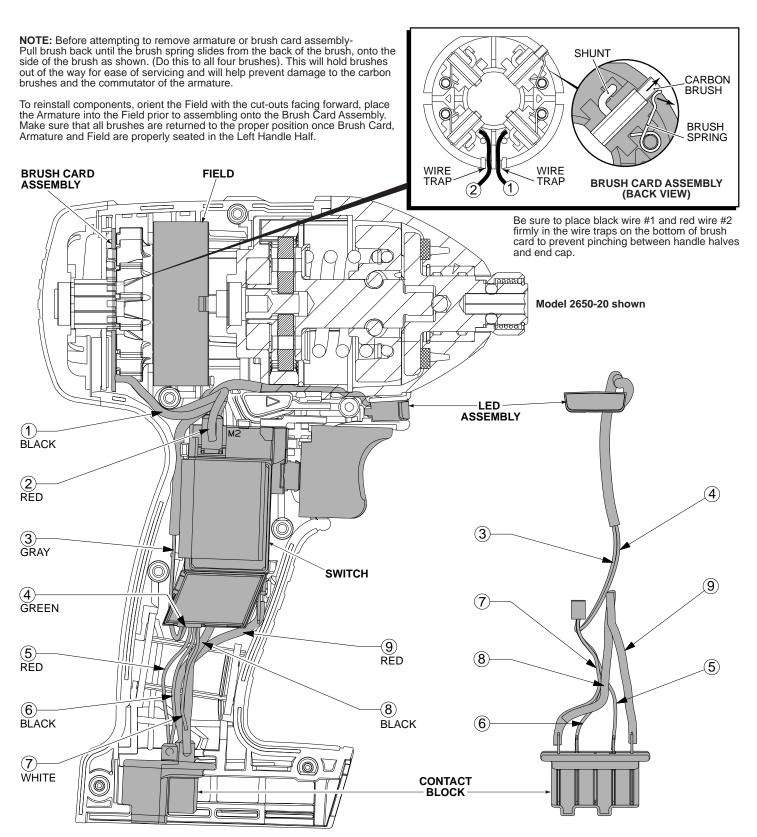
riG.	FARTINO.	DESCRIPTION OF PART I	NO. KEW.
48	44-60-1170	Detent Pin	(1)
55	06-82-6350	M3 Pan Hd. T-10 Screw	(7)
56	06-82-7336	M3 Pan Hd. T-10 Screw	(4)
57	06-82-5275	6-32 x 5/16" Slt. Pan Hd. T-15 Screw	(1)
59	12-20-2650	Service Nameplate Kit	(1)
60	10-20-2695	Warning Label	(1)
65	02-02-1300	5mm Steel Ball	(1)
67	42-55-2650	Carrying Case	(1)
68	40-50-2170	Brush Spring - Right Handed	(2)
69	40-50-2175	Brush Spring - Left Handed	(2)
71	14-46-1710	Cam Shaft/Hammer Kit	(1)
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## FIG. NOTES:

- See service note and illustration on the back of bulletin to aid with the removal and installation of the the Brush Card (15), Armature (16) and Field (17).
  - 17 Field (17) to be positioned with side cut-outs to the front.
- 20,21 Position Ring Gear (21) with three lugs face down to interlock in the bottom of Rear Case (20).
- Be sure to match the raised contours on the bottom of Rear 20,46 Case (20) with raised contour on the bottom of the Front Case (46) when assembling.
- 29,30 Make sure concave side of Washer (29) faces Spring (30).
- 42,46 Tappered end of Front Washer (42) to face Front Case (46).

MILWAUKEE ELECTRIC TOOL CORPORATION 13135 W. Lisbon Road, Brookfield, WI 53005 Drwg. 6





	WIRING SPECIFICATIONS							
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation				
1	Black			Component of the Switch/Brush Card Assembly.				
2	Red			Component of the Switch/Brush Card Assembly.				
3	Gray			Component of the Switch/Brush Card Assembly.				
4	Green			Component of the Switch/Brush Card Assembly.				
5	Red			Component of the Switch/Brush Card Assembly.				
6	Black			Component of the Switch/Brush Card Assembly.				
7	White			Component of the Switch/Brush Card Assembly.				
8	Black			Component of the Switch/Brush Card Assembly.				
9	Red			Component of the Switch/Brush Card Assembly.				

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.