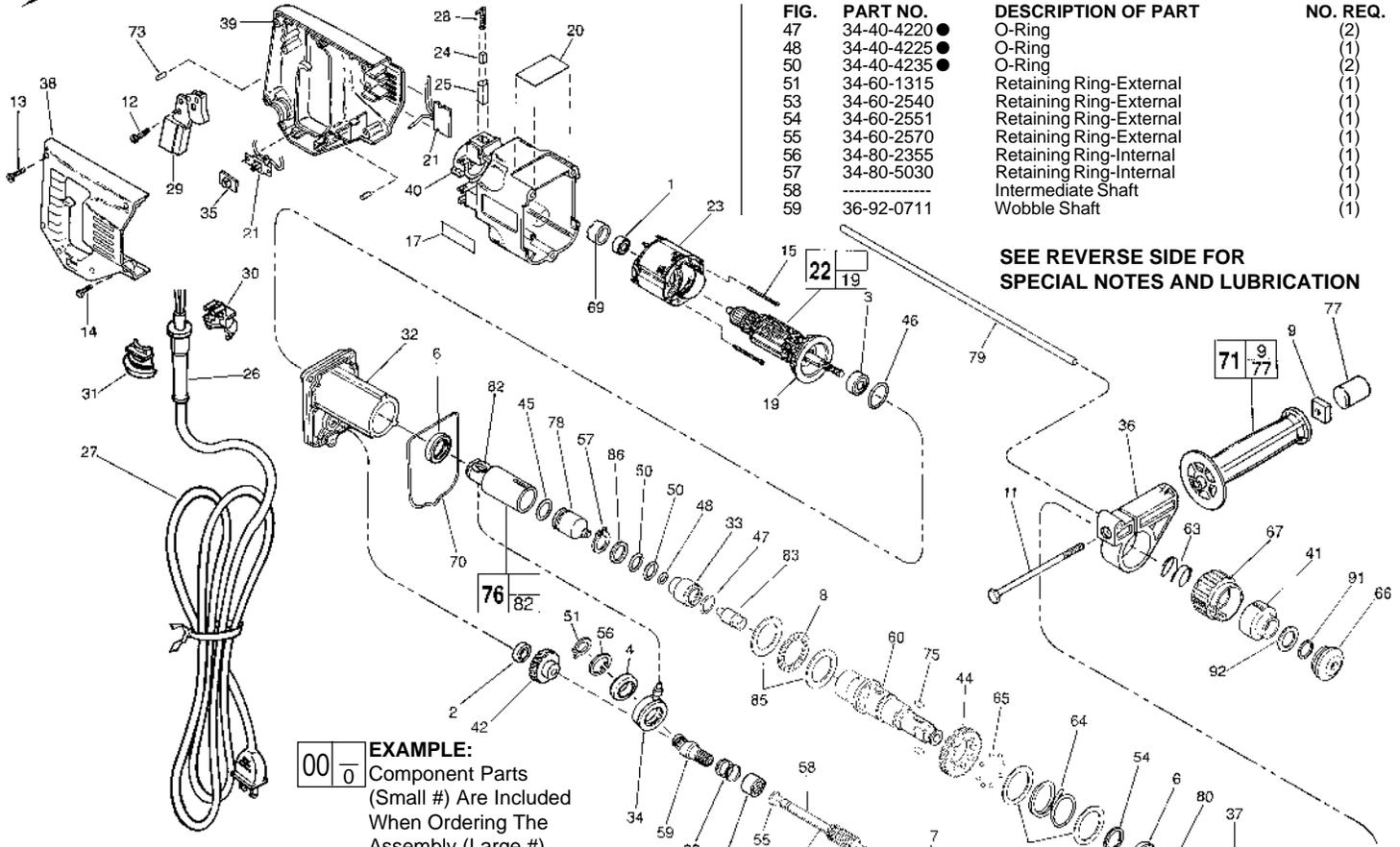




# SERVICE PARTS LIST

**BULLETIN NO.**  
**54-24-0900**

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
<b>7/8" ROTARY HAMMER</b>			Sept. 2000
CATALOG NO.	5368-21	SERIAL NUMBER	259A
		WIRING INSTRUCTION	58-01-1345



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

**SEE REVERSE SIDE FOR SPECIAL NOTES AND LUBRICATION**

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-04-0648	Ball Bearing	(1)
2	02-04-0820	Ball Bearing	(1)
3	02-04-0851	Ball Bearing	(1)
4	02-04-1510	Ball Bearing	(1)
5	02-50-1615	Needle Bearing	(1)
6	02-50-6455	Needle Bearing	(2)
7	02-80-0110	Thrust Bearing	(1)
8	02-80-0121	Thrust Bearing	(1)
9	06-54-0300	5/16-18 Square Nut	(1)
10	06-65-3690	1/8 x 1/2 Groove Pin	(1)
11	06-75-5835	5/16-18 x 4-1/2" Hex Hd. Bolt	(1)
12	06-82-7270	8-16 x 5/8" Pan Hd. Slot. Plast. T-20	(1)
13	06-82-7284	8-16 x 3/4" Pan Hd. Slot. Plast. T-20	(4)
14	06-82-7326	8-16 x 1" Pan Hd. Slot. Plast. T-20	(2)
15	06-82-7393	7-18 x 2" Pan Hd. Slot. Plast. T-20	(2)
16	05-88-5988	(K50 x 35mm) Pan Hd. Slot. T-20	(3)
17	10-07-6225	Warning Label	(1)
19	22-84-0650	Fan Assembly	(1)
20	12-20-5366	Service Nameplate Kit	(1)
21	14-20-0445	Switch Assembly	(1)
22	16-10-0660	120 V Armature	(1)
23	18-11-0140	120 V Field	(1)
24	22-18-0800	Brush Service Kit	(1)
25	22-20-0810	Brush Tube	(2)
26	44-76-0210	Cord Protector	(1)
27	22-64-0785	Cord Set	(1)
28	23-52-1570	Brush Spring Assembly	(2)
29	23-66-1970	Switch	(1)
30	31-17-0260	Lower Cord Clamp	(1)
31	31-17-0265	Upper Cord Clamp	(1)
32	28-28-2032	Diaphragm	(1)
33	30-37-0050	Striker Guide	(1)
34	30-72-0100	Wobble Plate	(1)
35	31-12-0196	Switch Cap	(1)
36	31-17-0230	Handle Ring	(1)
37	31-40-0076	Gear Case	(1)
38	31-44-1731	Right Handle Half	(1)
39	31-44-1735	Left Handle Half	(1)
40	31-50-0991	Motor Housing	(1)
41	31-58-0522	Chuck Sleeve	(1)
42	32-40-2230	Intermediate Gear	(1)
43	14-29-0051	Pinion Shaft Assembly	(1)
44	32-10-4080	Clutch Gear	(1)
45	34-40-1215	O-Ring	(1)
46	34-40-2450	O-Ring	(1)
47	34-40-4220	O-Ring	(2)
48	34-40-4225	O-Ring	(1)
50	34-40-4235	O-Ring	(2)
51	34-60-1315	Retaining Ring-External	(1)
53	34-60-2540	Retaining Ring-External	(1)
54	34-60-2551	Retaining Ring-External	(1)
55	34-60-2570	Retaining Ring-External	(1)
56	34-80-2355	Retaining Ring-Internal	(1)
57	34-80-5030	Retaining Ring-Internal	(1)
58		Intermediate Shaft	(1)
59	36-92-0711	Wobble Shaft	(1)
60	38-50-6042	Spindle Assembly	(1)
61	40-50-8461	Spring	(1)
62	40-50-8470	Spring	(1)
63	40-50-8481	Spring	(1)
64	40-50-8491	Spring	(1)
65	02-02-1300	Ball	(8)
66	42-76-0672	Dust Cap	(1)
67	42-76-0291	Chuck Collar	(1)
68	42-90-0261	Coupling	(1)
69	42-96-0140	Bearing Cup	(1)
70	43-44-0930	Gasket	(1)
71	43-62-0841	Side Handle Assembly	(1)
72	14-49-0010	Shift Knob Assembly	(1)
73	14-46-1001	Foam Slug Kit (10 Slugs)	(2)
75	44-60-1150	Roller Pin	(2)
76	14-09-0135	Piston Assembly	(1)
77	44-68-0560	Plug - Cap	(1)
78	44-82-0140	Ram	(1)
79	44-94-0161	Depth Rod	(1)
80	45-06-0560	Oil Seal	(1)
82	45-34-0121	Socket	(1)
83	45-56-2591	Striker	(1)
84	45-88-8280	Thrust Washer	(2)
85	45-88-8291	Thrust Washer	(2)
86	45-88-8300	Washer	(1)
87	45-88-8310	Washer	(1)
88	45-88-8321	Washer	(2)
89	45-88-8330	Tab Washer	(1)
91	34-60-3680	Retaining Ring-External	(1)
92	45-88-8835	Washer	(1)
	14-46-5368	Lubrication Service Kit	(1)

**MILWAUKEE ELECTRIC TOOL CORPORATION**  
13135 W. LISBON RD., BROOKFIELD, WI 53005

**SERVICE FIXTURES:**

- 61-30-0280 Pressing Tool
- 61-30-0290 Assembly Tool
- 61-40-1110 Bearing Removal

**LUBRICATION INSTRUCTIONS**

**Type "S" Grease, No. 49-08-5230**

Apply a thin film of grease to the following parts as indicated:

FIG.	INSTRUCTION
60	Large I.D. of spindle, forward and rear bearing journals.
33	Large I.D. of striker guide.
83	Striker-all over.
76,82	Inside and outside diameters of piston assembly, including I.D. of socket.
78	All over ram, except rear face.
59	Outside bearing journal of wobble shaft.
34	Bearing bore and ball diameter of wobble plate.
32	Armature and intermediate bearing bores of diaphragm.
9	Square nut threads.
45,46,50	O-rings.

Apply a thin to moderately heavy coat of grease to the following parts indicated:

FIG.	INSTRUCTION
58	Apply over the length shown in the "Intermediate Shaft Assembly".
75	Roller Pins (To aid in assembly).
47,48	O-rings.
42,43,44	All gear and pinion teeth.

**CAUTION: THERE IS TO BE NO GREASE IN THE CHAMBER BETWEEN THE PISTON AND RAM BEYOND THE THIN COATINGS APPLIED TO THE TWO PARTS AS DESCRIBED ABOVE.**

▲ SEE ASSEMBLY LUBRICATION NOTE

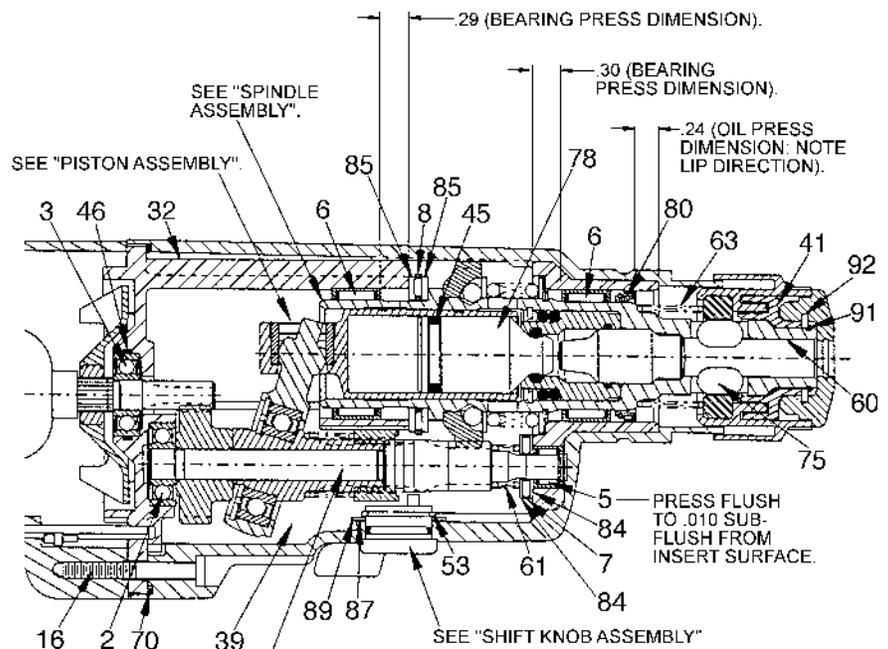
**•14-46-5368 LUBRICATION SERVICE KIT THIS KIT INCLUDES:**

1	34-40-1215	O-Ring
1	34-40-4220	O-Ring
1	34-40-4225	O-Ring
2	34-40-4235	O-Ring
1	34-40-2450	O-Ring
1	34-60-3610	Retaining Ring
1	34-60-3680	Retaining Ring
1	34-80-5030	Retaining Ring
1	42-76-0670	Dust Cap
1	42-76-0672	Dust Cap
1	43-44-0930	Gasket
2	44-60-1150	Roller Pin
1	49-08-5230	5 Oz. "S" Grease

**22-18-0800 BRUSH SERVICE KIT THIS KIT INCLUDES:**

2	-----	Carbon Brush
2	23-52-1570	Brush Spring Assy.
2	44-52-0495	Foam Slug

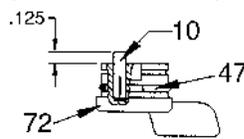
**Lubrication Note:** MILWAUKEE recommends that scheduled maintenance of the Falcon Rotary Hammer include lubrication replacement, and replacement of vital O-rings and gaskets *at each carbon brush change*. Doing so will prolong the life of the hammer by reducing wear to gears and mechanism parts. The carbon brushes and armature commutator in the MILWAUKEE 7/8" Rotary Hammer are designed and matched for many hours of reliable performance. The carbon brushes feature a unique pop-out feature which automatically shuts off the tool when the brushes are worn and need to be replaced.



▲ FILL BEARING BORE OF DIAPHRAGM APPROXIMATELY 1/3 FULL OF GREASE PRIOR TO PRESSING IN BEARING.

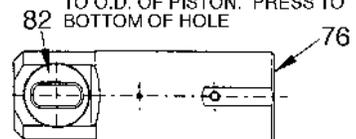
▲ EVENLY DISTRIBUTE 3.5 ± .12 OZ. GREASE OVER BOTTOM OF GEARCASE.

PRESS TO BOTTOM OF HOLE. (GROOVED END FIRST)



**SHIFT KNOB ASSEMBLY**

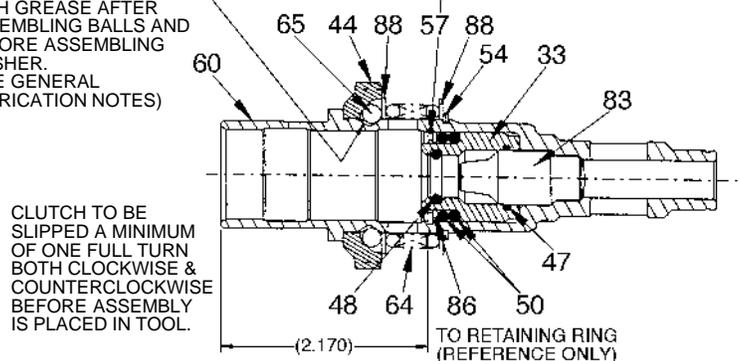
ORIENT SLOT AS SHOWN TO WITHIN ±1° AS REFERENCED TO O.D. OF PISTON. PRESS TO BOTTOM OF HOLE



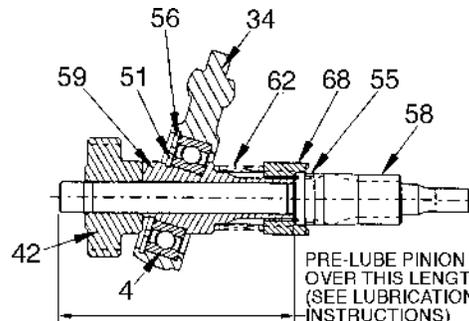
**PISTON ASSEMBLY**

▲ COAT SPINDLE DETENTS WITH GREASE PRIOR TO ASSEMBLING CLUTCH GEAR. PACK CLUTCH GEAR POCKETS WITH GREASE AFTER ASSEMBLING BALLS AND BEFORE ASSEMBLING WASHER. (SEE GENERAL LUBRICATION NOTES)

SHARP EDGE OF RETAINING RING TO BE TOWARD REAR (⇐) OF SPINDLE



**SPINDLE ASSEMBLY**



**PINION SHAFT ASSEMBLY**

**NOTE:** THE WOBBLE SHAFT #59 AND THE INTERMEDIATE GEAR #42 ARE TO BE PRESSED FLUSH TO EACH OTHER, SO THAT THE WOBBLE SHAFT IS STILL ABLE TO REVOLVE FREELY - WITH .005" MAXIMUM AXIAL PLAY ON THE INTERMEDIATE SHAFT #43.