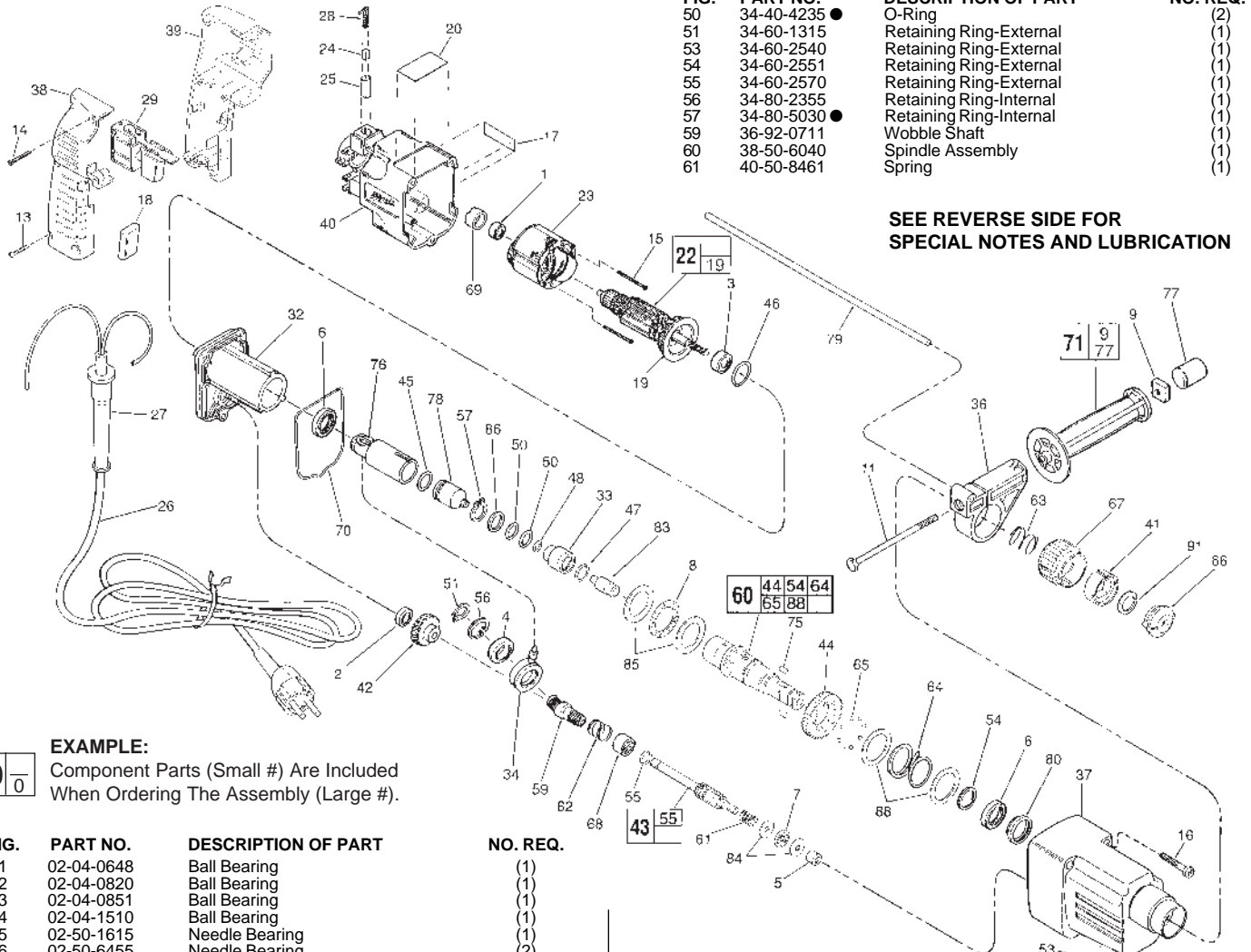




# SERVICE PARTS LIST

**BULLETIN NO.**  
**55-24-1365**

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
<b>3/4" ROTARY HAMMER</b>			July '99
CATALOG NO. <b>5366-4</b>	SERIAL NUMBER <b>794A</b>	WIRING INSTRUCTION <b>58-03-1560</b>	



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

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

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)
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	10-20-1200	Product Label - Falcon	(1)
18	22-33-0290	Suppressor	(1)
19	22-84-0650	Fan Assembly	(1)
20	12-20-3260	Service Nameplate Kit	(1)
22	16-14-0100	230 V Armature	(1)
23	18-12-0155	230 V Field	(1)
24	22-18-0820	Brush Service Kit	(1)
25	22-20-0810	Brush Tube	(2)
★ 26	22-64-4481	Cord Set - 230 V	(1)
★ 27	44-76-0210	Cord Protector	(1)
28	23-52-1570	Brush Spring Assembly	(2)
29	23-66-2125	Switch	(1)
32	28-28-2030	Diaphragm	(1)
33	30-37-0050	Striker Guide	(1)
34	30-72-0100	Wobble Plate	(1)
36	31-17-0230	Handle Ring	(1)
37	31-40-0075	Gear Case	(1)
38	31-44-1810	Right Handle Half	(1)
39	31-44-1815	Left Handle Half	(1)
40	31-50-0990	Motor Housing	(1)
41	31-58-0520	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	(1)
48	34-40-4225	O-Ring	(2)
50	34-40-4235	O-Ring	(1)
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)
59	36-92-0711	Wobble Shaft	(1)
60	38-50-6040	Spindle Assembly	(1)
61	40-50-8461	Spring	(1)
62	40-50-8470	Spring	(1)
63	40-50-8481	Spring	(1)
64	40-50-8490	Spring	(1)
65	02-02-1300	Ball	(8)
66	42-76-0670	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)
75	44-60-1150	Roller Pin	(2)
76	14-09-0130	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)
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	34-60-3610	Retaining Ring	(1)
	14-46-5368	Lubrication Service Kit	(1)

**SERVICE FIXTURES:**

61-30-0280 Pressing Tool  
61-30-0290 Assembly Tool

**LUBRICATION INSTRUCTIONS**

Type "S" Grease, No. 49-08-5250

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

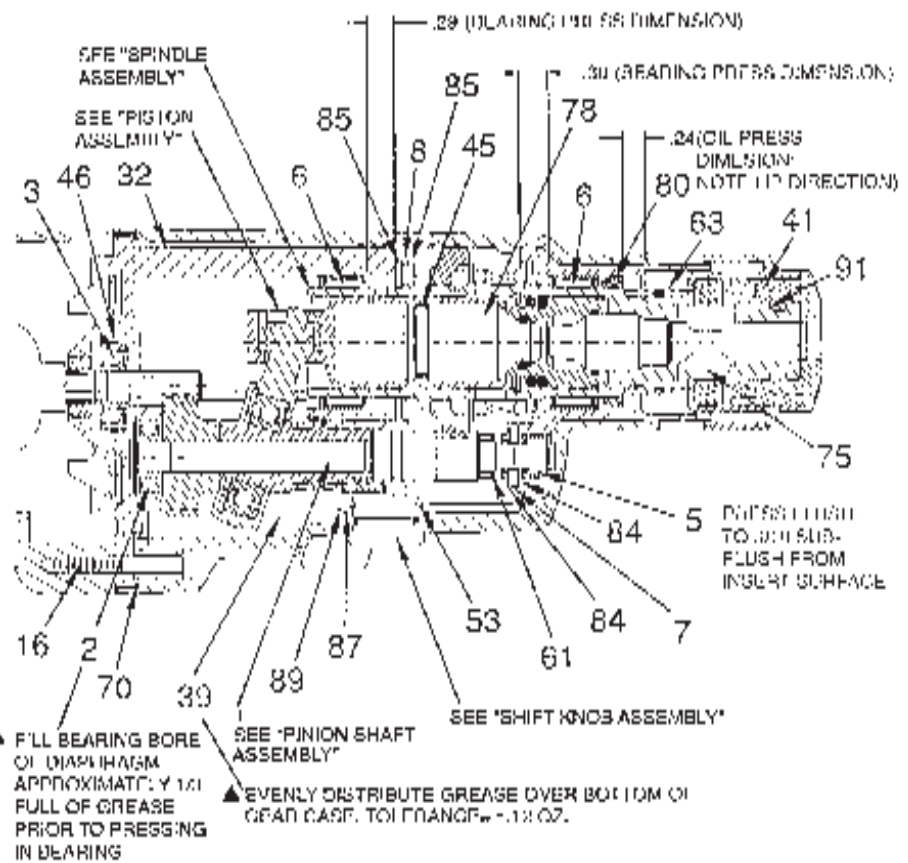
FIG.	INSTRUCTION
60	Large I.D. of spindle, forward and rear bearing journals.
33	Large I.D. of striker guide.
83	Striker-all over.
75,82	Inside and outside diameters of piston assembly, including I.D. of socket.
78	All over ram, except rear face.
32	Armature bearing bore of diaphragm.
45,46,50	O-rings.

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

FIG.	INSTRUCTION
75	Roller Pins (This also to aid in assembly).
47,48	O-rings.
47,43,44	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.**

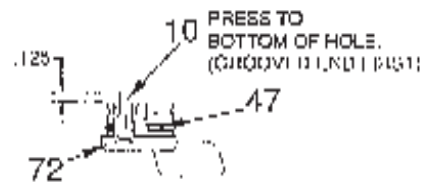
▲ SEE ASSEMBLY LUBRICATION NOTE



▲ FILL BEARING BORE OF DIAPHRAGM APPROXIMATELY 1/2 FULL OF GREASE PRIOR TO PRESSING IN BEARING

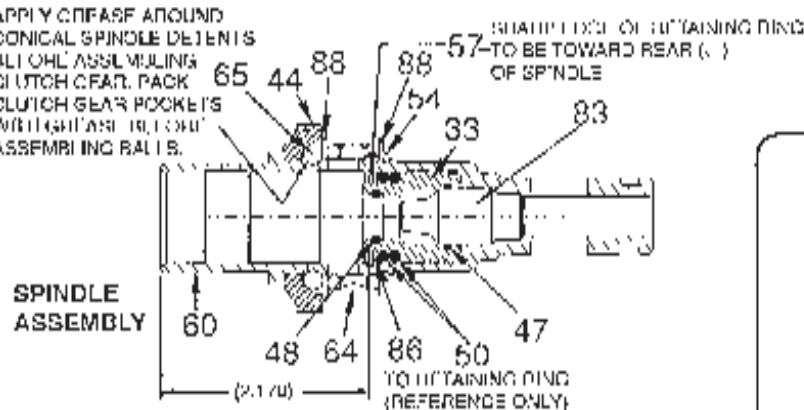
SEE "PINION SHAFT ASSEMBLY"

▲ EVENLY DISTRIBUTE GREASE OVER BOTTOM OF GEAR CASE TO CHANGE - 1:1 OZ.

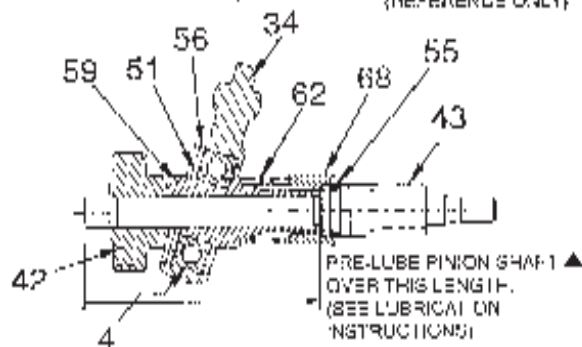


**SHIFT KNOB ASSEMBLY**

▲ APPLY GREASE AROUND CONICAL SPINDLE DETENTS DURING ASSEMBLING OF CLUTCH SEAL. PACK CLUTCH GEAR POCKETS WITH GREASE. REMOVE ASSEMBLING BALLS.



**SPINDLE ASSEMBLY**



**PINION SHAFT ASSEMBLY**

NOTE: THE WOBBLE SHAFT #59 AND THE INTERMEDIATE GEAR #42 ARE TO BE PRESSURE LUBED TO EACH OTHER, SO THAT THE WOBBLE SHAFT IS STILL ABLE TO REVOLVE FREELY - WITH ONLY MAXIMUM AXIAL PLAY ON THE INTERMEDIATE SHAFT #58

**14-46-5368 LUBRICATION SERVICE KIT**

THIS KIT INCLUDES:

1	34-40-1215	O-Ring
1	34-40-4220	O-Ring
1	34-40-4226	O-Ring
2	34-40-4235	O-Ring
1	34-40-2450	O-Ring
1	34-80-5080	Retaining Ring
1	34-60-3680	Retaining Ring
1	42-76-0672	Dust Cap
1	43-44-0930	Gasket
2	44-60-1150	Roller Pin
1	49-08-5250	6 Oz. "S" Grease

**22-18-0620 BRUSH SERVICE KIT**

THIS KIT INCLUDES:

2	22-18-0850	Brush Spring Assy.
2	44-52-0495	Foam Slug (5368 4 Only)

**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 Falcon 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.