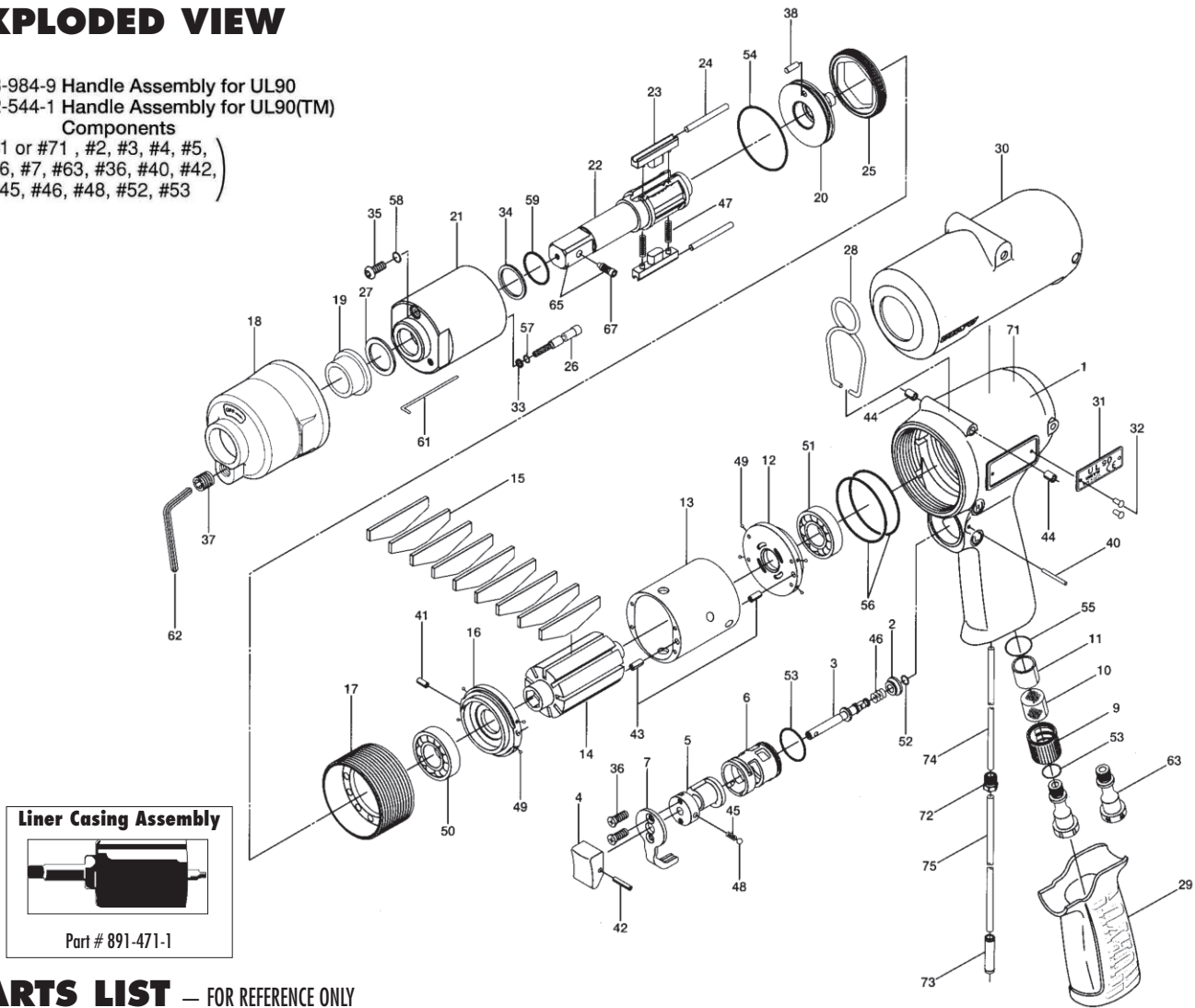


# UL90 SERIES OIL-PULSE TOOLS

## EXPLODED VIEW

143-984-9 Handle Assembly for UL90  
852-544-1 Handle Assembly for UL90(TM)  
Components

(#1 or #71, #2, #3, #4, #5,  
#6, #7, #63, #36, #40, #42,  
#45, #46, #48, #52, #53)



### Liner Casing Assembly



Part # 891-471-1

## PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.
01	143-025-9	HANDLE	1	28	174-790-0	SUSPENSION BAIL	1	54	990-915-0	O-RING (SNS-29)	1 ●
02	147-100-8	VALVE	1	29	147-842-2	HANDLE COVER	1	55	990-919-0	O-RING (SNS-22)	1
03	147-104-8	VALVE ROD	1	30	143-840-9	CASING PROTECTOR	1	56	990-932-0	O-RING (SNS-42)	2 ▲
04	147-107-2	VALVE LEVER	1	31	143-924-9	METAL TAG	1	57	990-970-0	O-RING (SNS-2)	1 ●
05	147-210-8	REVERSE VALVE	1	32	930-205-0	SCREW (NO.0X2.6)	2	58	990-971-0	O-RING (SNS-3) (NOK)	1 ●
06	147-211-8	REVERSE VALVE BUSHING	1	33	944-002-0	SUPPORTING RING (2.6X4.5X1)	1 ●	59	992-021-0	SU-RING(Q16)(NTN)	1 ●
07	147-212-8	REVERSE LEVER	1	34	944-215-0	SUPPORTING RING (1.6X1.9.9X1.5)	1 ●	63	147-091-8	AIR INLET BUSHING	1
09	147-780-9	EXHAUST STACK	1	35	945-942-0	HEXAGON ROUND HEAD BOLT (M4X6)	1	65	891-556-1	ANVIL (OP-P)	1
10	147-042-8	SILENCER	1	36	948-423-0	ALLEN FLUSH HEAD SCREW (M3X6)	2	67	891-304-1	SOCKET PIN ASSEMBLY (1/2)	1
11	147-835-8	FILTER(K100)	1 ▲	37	966-099-0	ALLEN HEAD PLUG (NPT 1/16)	1				
12	143-285-9	REAR PLATE	1	38	970-204-0	PIN (H) (3X6)	1	<b>PARTS FOR (TM)-TYPE</b>			
13	143-286-9	CYLINDER	1	40	971-125-0	PIN (2X25)	1	71	852-526-1	HANDLE	1
14	147-287-8	ROTOR	1	41	973-006-0	ROLL PIN (2X6)	1	72	850-610-1	CONNECTING SCREW	1
15	147-288-8	BLADE(PC)	9 ▲	42	973-014-0	ROLL PIN (2X14)	1	73	933-250-0	ONE-TOUCH CONNECTOR (SLS-04)	1
16	143-289-9	FRONT PLATE	1	43	973-068-0	ROLL PIN (2.5X8)	2	74	935-240-0	NYLON TUBE (18NY)	1
17	143-036-9	FRONT CASING CONNECTOR	1	44	973-308-0	ROLL PIN (5X8)	2	75	935-350-0	POLYURETHANE HOSE (F1504)	1
18	143-439-9	FRONT CASING	1	45	976-006-0	SPRING (3X5)(0.4)	1	<b>ACCESSORIES</b>			
19	147-328-8	ANVIL BUSHING	1	46	976-643-0	SPRING (7.5X9.7)(0.9)	2	61	939-091-0	ALLEN WRENCH (1.5MM)	1
20	143-901-9	REAR LINER PLATE	1	47	976-794-0	SPRING (3.8 X 33)(0.5)WPC	2 ●	62	939-105-0	ALLEN WRENCH (4MM)	1
21	143-902-9	LINER	1	48	981-002-0	BALL (1/8)	1				
22	143-319-9	ANVIL (OP-O)	1	49	981-045-0	BALL (1.5)	8				
23	147-440-9	DRIVING BLADE	2	50	982-903-0	BALL BEARING (6902)	1 ▲				
24	147-974-8	ROLLER PIN (2.5X30)	2	51	982-949-0	BALL BEARING (16001)	1 ▲				
25	143-906-9	LINER CASING COVER	1	52	990-306-0	O-RING (ARP568-004)(H)	1				
26	143-970-9	RELIEF VALVE	1	53	990-914-0	O-RING (SNS-16)	2				
27	147-327-8	ANVIL FRONT SPACER	1								

### FOOTNOTES

- Items in Pulse Repair Kit UL-90-PRK
- ▲ Items in Pulse Repair Kit UL-90-RK

AIMCO also offers a complete line of standard & special adapters, bits, sockets and extensions.



10000 SE PINE,  
PORTLAND, OR 97216  
503-254-6600  
FAX 503-255-2615

When ordering spare parts, please specify tool type, part number and description.

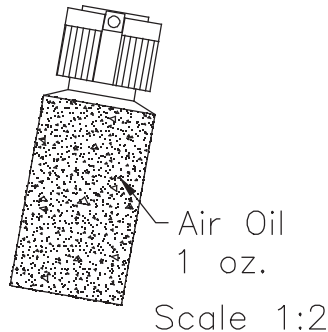

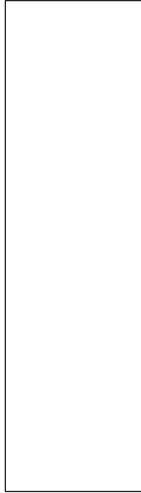
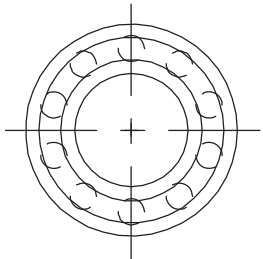
# UL-90-PRK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
1	33	944-002-0	1	Support Ring	Teflon-White	
2	34	944-215-0	1	Support Ring	Teflon-White	
3	47	976-794-0	2	Spring	Spring wire	
4	54	990-915-0	1	O-Ring	Buna-Black	
5	57	990-970-0	1	O-Ring	Buna-Black	
6	58	990-971-0	1	O-Ring	Buna-Black	
7	59	992-021-0	1	SU-Ring	Buna-Black	
8	-	976-785-0	2	Spring	Spring wire	

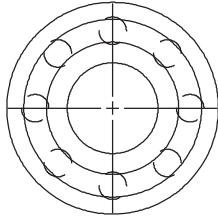
# UL-90-RK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
1	-	AM-OIL	1	Oil Air Motor 1 oz. fluid	Plastic Container	
2	<b>15</b>	147-288-8	9	Blade(PC)	Phenolic-Fiber	
3	<b>11</b>	147-835-8	1	Filter K100	Sendered Plastic	
4	<b>50</b>	982-903-0	1	Ball Bearing(6902)	Bearing Steel	

# UL-90-RK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
5	<b>51</b>	982-949-0	1	Ball Bearing(16001)	Bearing Steel	
6	<b>56</b>	990-932-0	2	O-Ring (SNS-42)	Buna-Black	