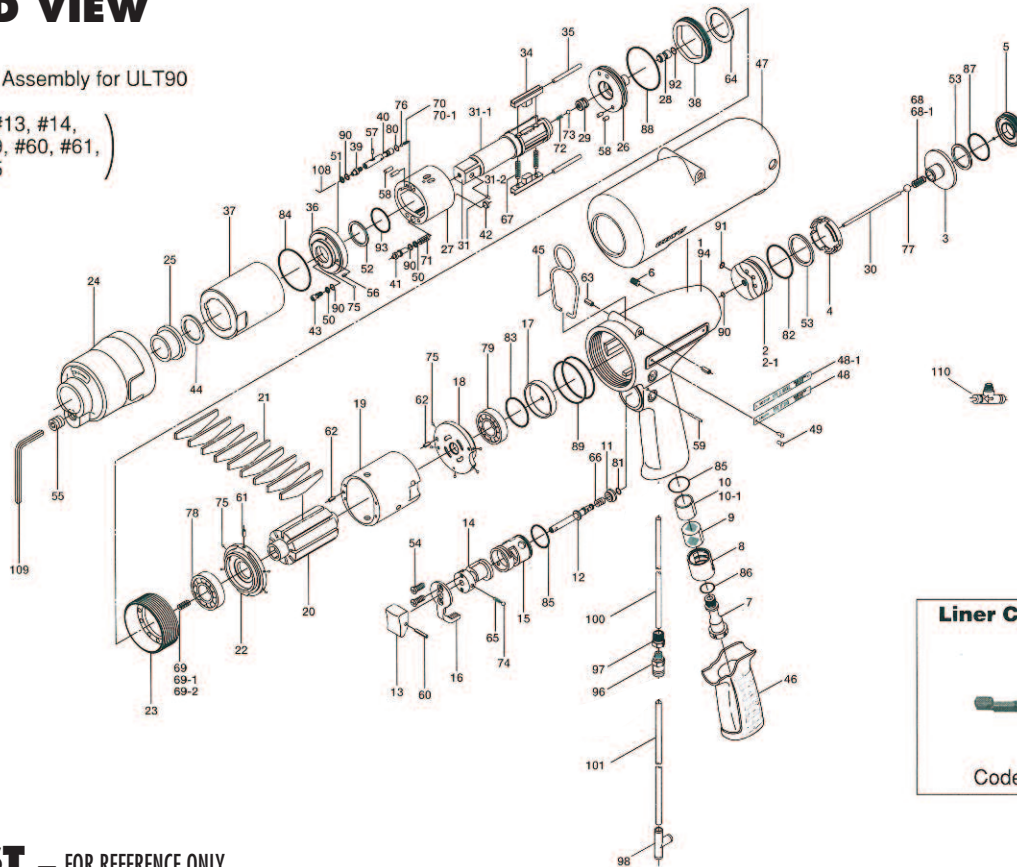


ULT-90 SERIES OIL-PULSE WRENCH

EXPLODED VIEW

147-984-8 Handle Assembly for ULT90

(#1, #7, #11, #12, #13, #14,
#15, #16, #54, #59, #60, #61,
#66, #74, #81, #85)



PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.
1	147-025-8	HANDLE	1	37	147-905-8	LINER CASING	1	70	976-652-0	SPRING 2.9X7.9(0.45)	1
2	147-253-8	SHUT-OFF VALVE BUSHING	1	38	147-906-8	LINER CASING SETTER	1	70-1	976-656-0	SPRING 2.9X8.5(0.4)FOR ULT90L	1
2-1	147-253-9	SHUT-OFF VALVE BUSHING FOR ULT90L	1	39	174-907-2	RELIEF VALVE SPINDLE	1	71	976-642-0	SPRING 4.8X24.5(0.6)	1
3	148-254-2	SHUT-OFF VALVE	1	40	147-970-8	RELIEF VALVE	1	72	976-645-0	SPRING 2.4X5(0.3)SWPA	1
4	147-684-8	CUSHION SPACER	1	41	147-972-8	ACCUMULATOR	1	73	981-001-0	BALL (3/32)	1
5	147-019-8	VALVE COVER	1	42	147-908-9	ACCUMULATOR COVER	1	74	981-002-0	BALL (1/8)	1
6	150-108-5	VALVE PLUG	1	43	194-742-3	OIL PLUG	1	75	981-045-0	BALL (1.5)	9
7	147-091-8	AIR INLET BUSHING	1	44	147-327-8	ANVIL FRONT SPACER	1	76	981-150-0	BALL (3mm)	1
8	147-780-9	EXHAUST DEFLECTOR	1	45	174-790-0	SUSPENSION RING	1	77	981-245-0	BALL (4.5mm)	1
9	147-042-8	SILENCER	1	45-1	191-790-1	SUSPENSION RING	1	78	982-903-0	BALL BEARING (6902)	1
10	147-835-8	FILTER (K100)	▲	46	147-842-2	HANDLE COVER	1	79	982-949-0	BALL BEARING (16001)	1
10-1	147-835-9	FILTER (K200) FOR ULT90L	1	47	147-840-9	BODY JACKET	1	80	990-320-0	O-RING (ARP568-003)	1
11	147-100-8	VALVE	1	48	147-924-8	NAME PLATE	1	81	990-306-0	O-RING (ARP568-004)(H)	1
12	147-104-8	VALVE ROD	1	48-1	147-924-9	NAME PLATE FOR ULT90L	1	82	990-331-0	O-RING (JW1530-21)	1
13	147-107-2	VALVE LEVER	1	49	930-205-0	PIN (NO.0 X 2.6)	2	83	990-334-0	O-RING (JW1530-24)	1
14	147-210-8	REVERSE VALVE	1	50	944-003-0	SUPPORTING RING (3.0X5.0X1)	2	84	990-337-0	O-RING (JW1530-27)	1
15	147-211-8	REVERSE VALVE BUSHING	1	51	944-203-0	SUPPORTING RING (3.1X5X1)	1	85	990-914-0	O-RING (SNS-16)	2
16	147-212-8	REVERSE LEVER	1	52	944-215-0	SUPPORTING RING (16X19.9X1.5)	1	86	990-919-0	O-RING (SNS-22)	1
17	147-291-9	REAR PLATE SPACER	1	53	944-222-0	SUPPORTING RING (20 X 27.5 X 1.5)	2	87	990-923-0	O-RING (SNS-26)	1
18	147-285-8	REAR PLATE	1	54	948-423-0	ALLEN FLUSH HEAD SCREW (M3X6)	2	88	990-924-0	O-RING (SNS-30)	1
19	147-286-8	CYLINDER	1	55	966-099-0	ALLEN HEAD PLUG (NPT 1/16)	1	89	990-932-0	O-RING (SNS-42)	2
20	147-287-8	ROTOR	1	56	969-449-0	PIN (G) (3X6)	1	90	990-970-0	O-RING (SNS-2)	4
21	147-288-8	BLADE (PC)	▲	57	970-091-0	PIN (H) (2X4.5)	1	91	990-971-0	O-RING (SNS-3)	1
22	147-289-8	FRONT PLATE	1	58	970-205-0	PIN (H) (3X7)	4	92	990-305-0	O-RING (ARP568-003) KS	1
23	147-036-8	HAMMER CASING CONNECTOR	1	59	971-125-0	PIN (2X25)	1	93	992-021-0	O-RING(SU-Q16)	1
24	147-439-8	FRONT CASING	1	60	973-014-0	ROLL PIN (2X14)	1	PARTS FOR (TM)-TYPE			
25	147-328-8	ANVIL BUSHING	1	61	973-006-0	ROLL PIN (2X6)	1	94	851-504-1	HANDLE	1
26	147-901-8	REAR LINER PLATE	1	62	973-068-0	ROLL PIN (2.5X8)	2	96	PQ-MC05N	5/32 X 10/32 Fitting	1
27	147-902-8	LINER	1	63	973-308-0	ROLL PIN (5X8)	2	97	1/16BK1-10F	Barb 10/32 X 1/16npt X 1/16	1
28	145-546-6	PISTON	1	63-1	973-307-0	ROLL PIN (5X6)	2	98	909-442-0	QUICK EXHAUST (AQ240F-04-00)	1
29	145-929-6	CHECK VALVE COVER	1	64	975-780-0	ADJUSTING SPACER (21X13XT)	1	100	935-358-0	POLYURETHANE HOSE(TU-0212)	1
30	147-130-8	PISTON ROD (2.1 X 64.25 +/- .25)	1	65	976-006-0	SPRING (3X5)(0.4)	1	101	935-350-0	POLYURETHANE HOSE (F1504)	1
31	891-551-1	ANVIL CP (P)	1	66	976-643-0	SPRING (7.5 X 9.7)(0.9)	1	ACCESSORIES			
31-1	147-319-8	ANVIL (O)	1	67	976-794-0	SPRING (3.8X33)(0.5)WPC	2	108	939-091-0	ALLEN WRENCH (1.5)	1
31-2	891-304-1	SOCKET PIN ASSEMBLY (1/2)	1	68	976-813-0	SPRING (4.5X12)(0.55)	1	109	939-105-0	ALLEN WRENCH (4)	1
34	147-440-9	DRIVING BLADE	2	69	976-650-0	SPRING (3.3X16)(0.45)[STANDARD]	1	FOOTNOTES			
35	147-974-8	ROLLER (2.5X30)	2	69-1	976-688-0	SPRING (3.3 X 17.5)(0.4)SWPA[WEAK]	1	●	Items in Pulse Repair Kit ULT-90-PRK		
36	147-904-8	FRONT LINER PLATE	1	69-2	976-662-0	SPRING (3.3 X 18)(0.45)[STRONGER]	1	▲	Items in Pulse Repair Kit ULT-90-RK		



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.

FOOTNOTES

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

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


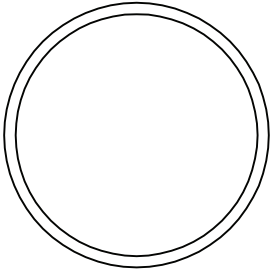
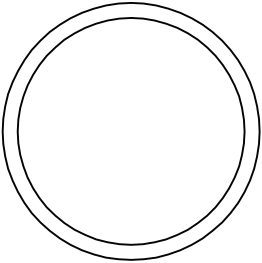

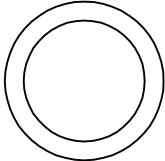
ULT-90-PRK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
1	50	944-003-0	2	Support Ring	Teflon-White	
2	51	944-203-0	1	Back Up Ring	Teflon-White	
3	52	944-215-0	1	Support Ring	Teflon-White	
4	71	976-642-0	1	Spring	Spring wire	
5	72	976-645-0	1	Spring	Spring wire	
6	-	976-652-0	1	Spring	Spring wire	
7	-	976-785-0	2	Spring	Spring wire	
8	67	976-794-0	2	Spring	Spring wire	
9	92	990-305-0	1	O-Ring	Buna-Black	

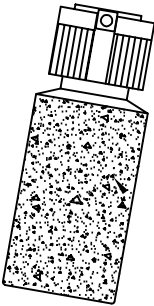

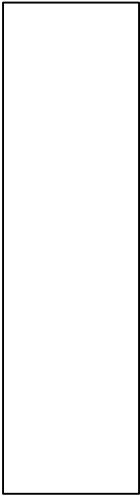
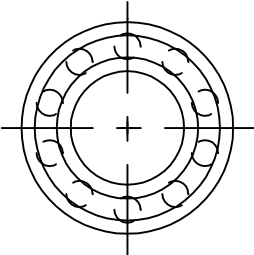
ULT-90-PRK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
10	80	990-320-0	1	O-Ring	Buna-Black	
11	84	990-337-0	1	O-Ring	Buna-Black	
12	88	990-924-0	1	O-Ring	Buna-Black	
13	90	990-970-0	3	O-Ring	Buna-Black	
14	93	992-021-0	1	SU-Ring	Buna-Black	

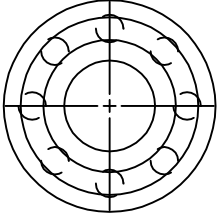
ULT-90-RK

(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	21	147-288-8	9	Blade(PC)	Phenolic-Fiber	
3	10	147-835-3	1	Filter	Sendeder Plastic	
4	78	982-903-0	1	Ball Bearing	Bearing Steel	

ULT-90-RK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
5	79	982-949-0	1	Ball Bearing	Bearing Steel	
6	89	990-932-0	2	O-Ring	Buna-Black	