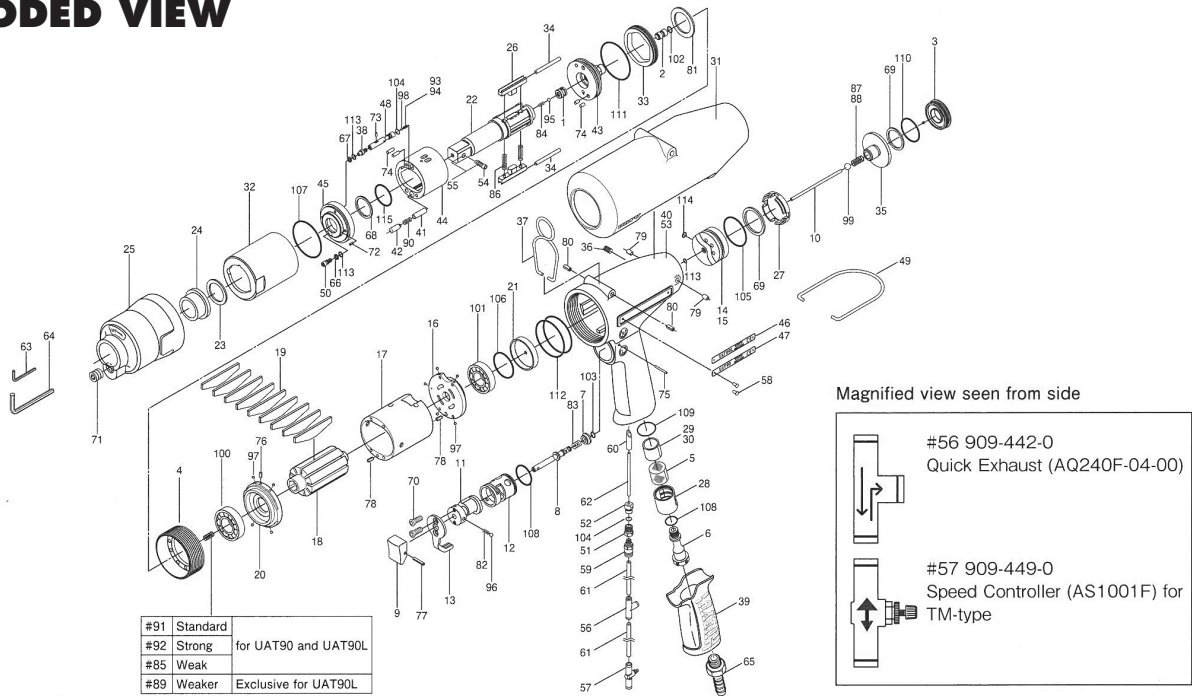


UAT-90 SERIES OIL-PULSE WRENCHES

EXPLODED VIEW



#91	Standard	
#92	Strong	for UAT90 and UAT90L
#85	Weaker	
#89	Weaker	Exclusive for UAT90L

PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.
1	130-929-4	Check Valve Cover	1	45	18F-904-5	Front Liner Plate	1	103	990-306-0	O-Ring (ARPS68-004)	1
2	145-546-6	Piston	1	46	18F-924-5	Name Plate	1	104	990-320-0	O-Ring (ARPS68-003)	1 ●
3	147-019-8	Valve Cover	1	48	18F-970-5	Relief Valve	1	105	990-331-0	O-Ring (JW1530-21)	1
4	147-036-8	Hammer Casing Connector	1	49	191-790-1	Suspension Bail	1	106	990-334-0	O-Ring (JW1530-24)	1
5	147-042-8	Silencer	1	50	194-742-3	Oil Plug	1	107	990-337-0	O-Ring (JW1530-27)	1 ●
6	147-091-8	Air Inlet Bushing	1	54	891-304-1	Socket Pin Assembly	1	108	990-914-0	O-Ring (SNS-16)	2
7	147-100-8	Valve	1	55	891-551-1	Anvil Assembly (#22 and #54)	1	109	990-919-0	O-Ring (SNS-22)	1
8	147-104-8	Valve Rod	1	58	930-205-0	Drive Rivet (No.0 x 2.6)	2	110	990-923-0	O-Ring (SNS-26)	1
9	147-107-2	Valve Lever	1	66	944-003-0	Supporting Ring (3 x 5 x 1)	1 ●	111	990-924-0	O-Ring (SNS-30)	1
10	147-130-8	Operating Rod (2.1 x 64.5)	1	67	944-203-0	Supporting Ring (3.1 x 5 x 1)	1 ●	112	990-932-0	O-Ring (SNS-42)	2 ▲
11	147-210-8	Reverse Valve	1	68	944-215-0	Supporting Ring (16 x 19.9 x 1.5)	1 ●	113	990-970-0	O-Ring (SNS-2) (NOK)	3 ●
12	147-211-8	Reverse Valve Bushing	1	69	944-222-0	Supporting Ring (20 x 27.5 x 1.5)	2	114	990-971-0	O-Ring (SNS-3) (NOK)	1
13	147-212-8	Reverse Lever	1	70	948-423-0	Allen Flush Head Screw (M3 x 6)	2	115	992-021-0	SU-Ring (Q16) (NTN)	1 ●
14	147-253-8	Shut-off Valve Bushing	1	71	966-099-0	Allen Head Plug (NPT 1 /16)	1				
16	147-285-8	Rear Plate	1	72	969-449-0	Pin (G) (3 x 6)	1	PARTS FOR UAT-90L			
17	147-286-8	Cylinder	1	73	970-091-0	Pin (H) (2 x 45)	1	15	147-253-9	Shut-off Valve Bushing	1
18	147-287-8	Rotor	1	74	970-205-0	Pin (H) (3 x 7)	4	30	147-835-9	Filter (K200)	1
19	147-288-8	Blade	9 ▲	75	971-125-0	Pin (2 x 25)	1	47	18F-924-6	Name Plate	1
20	147-289-8	Front Plate	1	76	973-006-0	Roll Pin (2 x 6)	1	88	976-814-0	Spring (4.6 x 12)	1
21	147-291-9	Rear Plate Spacer	1	77	973-014-0	Roll Pin (2 x 14)	1	89	976-857-0	Spring (3.3 x 17) Weaker	1
22	147-319-9	Anvil	1	78	973-068-0	Roll Pin (2.5 x 8)	2	93	976-974-0	Spring (2.9 x 8.4)	1
23	147-327-9	Anvil Front Spacer	1	79	973-307-0	Roll Pin (5 x 6)	2	PARTS FOR UAT-90TM & UAT-90L(TM)			
24	147-328-8	Anvil Bushing	1	80	973-308-0	Roll Pin (5 x 8)	2	51	851-955-1	Connecting Screw	1
25	147-439-8	Front Casing	1	81	975-780-0	Adjusting Spacer (21 x 13 x t)	1	52	851-967-1	Plug	1
26	147-440-9	Driving Blade	2	82	976-006-0	Spring (3 x 5)	1	53	852-590-1	Handle (TM)	1
27	147-684-8	Cushion Spacer	1	83	976-643-0	Spring (7.5 x 9.7)	1	56	909-442-0	Quick Exhaust (AQ240F-04-00)	1
28	147-780-9	Exhaust Stack	1	84	976-645-0	Spring (2.4 x 5)	1 ●	59	933-281-0	One-Touch Connector (KQ2H04-M5N)	1
29	147-835-8	Filter (K100)	1 ▲	85	976-662-0	Spring (3.3 x 18) Weak	1	60	935-240-0	Nylon Tube (18NY)	1
31	147-840-9	Casing Cover	1	86	976-794-0	Spring (3.8X33) WPC	2 ●	61	935-350-0	Polyurethane Hose (F1504)	1
32	147-905-8	Liner Casing	1	87	976-813-0	Spring (4.5 x 12)	1	62	935-358-0	Polyurethane Hose (TU-0212)	1
33	147-906-8	Liner Casing Cover	1	90	976-889-0	Spring (3.5 x 18)	1 ●	104	990-320-0	O-ring (ARPS68-003)	1
34	147-974-8	Roller Pin (2.5 x 30)	2	91	976-967-0	Spring (3.3 x 17.7) Standard	1	ACCESSORIES			
35	148-254-2	Shut-off Valve	1	92	976-968-0	Spring (3.3 x 18.2) Strong	1	57	909-449-0	Speed Controller (AS1001F) for TM-type	1
36	150-108-5	Valve Plug	1	94	976-998-0	Spring (2.9 x 7.5)	1 ●	63	939-091-0	Allen Wrench (1.5)	1
37	174-790-0	Suspension Ring	1	95	981-001-0	Ball (3/32)	1	64	939-105-0	Allen Wrench (4)	1
38	174-907-2	Relief Valve Spindle	1	96	981-002-0	Ball (1/8)	1	65	940-114-0	Air Hose Nipple (NPT1/4 x 3/8)	1
39	18C-842-8	Handle Cover	1	97	981-045-0	Ball (1.5)	9				
40	18F-025-5	Handle	1	98	981-150-0	Ball (3)	1				
41	18F-274-8	Pressure Valve Spring Collar	1	99	981-245-0	Ball (4.5)	1				
42	18F-276-6	Pressure Valve Body	1	100	982-903-0	Ball Bearing (6902)	1 ▲				
43	18F-901-6	Rear Liner Plate	1	101	982-949-0	Ball Bearing (16001)	1 ▲				
44	18F-902-5	Liner	1	102	990-305-0	O-Ring (ARPS68-003) (KS)	1 ●				

FOOTNOTES

- = Items in Pulse Repair Kit UAT-90-PRK
- ▲ = Items in Repair Kit UAT-90-RK



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