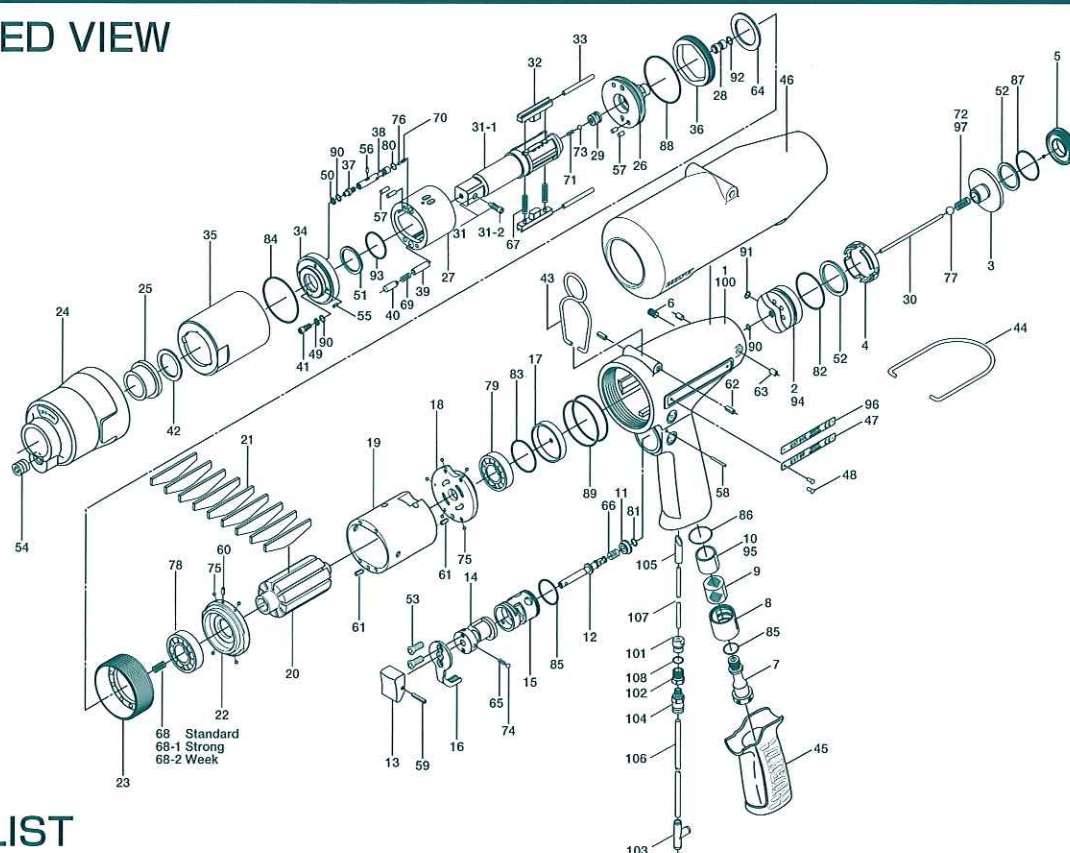


# UAT90 SERIES OIL-PULSE WRENCHES

## EXPLODED VIEW



## PARTS LIST

| Index No. | Code No.  | Parts Name               | Quantity | Index No. | Code No.  | Parts Name                    | Quantity | Index No.                                     | Code No.  | Parts Name                     | Quantity |
|-----------|-----------|--------------------------|----------|-----------|-----------|-------------------------------|----------|-----------------------------------------------|-----------|--------------------------------|----------|
| # 1       | 18F-025-5 | Handle                   | 1        | #39       | 18F-274-8 | Pressure Valve Spring Collar  | 1        | #77                                           | 981-245-0 | Ball (4.5)                     | 1        |
| # 2       | 147-253-8 | Shut-off Valve Bushing   | 1        | #40       | 18F-276-6 | Pressure Valve Body           | 1        | #78                                           | 982-903-0 | Ball Bearing (6902)            | 1        |
| # 3       | 148-254-2 | Shut-off Valve           | 1        | #41       | 194-742-3 | Oil Plug                      | 1        | #79                                           | 982-949-0 | Ball Bearing (16001)           | 1        |
| # 4       | 147-684-8 | Cushion Spacer           | 1        | #42       | 147-327-8 | Anvil Front Spacer            | 1        | #80                                           | 990-320-0 | O-Ring (ARP568-003)            | 1        |
| # 5       | 147-019-8 | Valve Cover              | 1        | #43       | 174-790-0 | Suspension Ring               | 1        | #81                                           | 990-306-0 | O-Ring (ARP568-004)            | 1        |
| # 6       | 150-108-5 | Valve Plug               | 1        | #44       | 191-790-1 | Suspension Ring               | 1        | #82                                           | 990-331-0 | O-Ring (JW1530-21)             | 1        |
| # 7       | 147-091-8 | Air Inlet Bushing        | 1        | #45       | 18C-842-8 | Handle Cover                  | 1        | #83                                           | 990-334-0 | O-Ring (JW1530-24)             | 1        |
| # 8       | 147-780-9 | Exhaust Stack            | 1        | #46       | 147-840-9 | Casing Cover                  | 1        | #84                                           | 990-337-0 | O-Ring (JW1530-27)             | 1        |
| # 9       | 147-042-8 | Silencer                 | 1        | #47       | 18F-924-5 | Name Plate                    | 1        | #85                                           | 990-914-0 | O-Ring (SNS-16)                | 2        |
| #10       | 147-835-8 | Filter (K100)            | 1        | #48       | 930-205-0 | Driver Rivet (No.0×2.6)       | 2        | #86                                           | 990-919-0 | O-Ring (SNS-22)                | 1        |
| #11       | 147-100-8 | Valve                    | 1        | #49       | 944-003-0 | Back-up Ring (3×5×1)          | 1        | #87                                           | 990-923-0 | O-Ring (SNS-26)                | 1        |
| #12       | 147-104-8 | Valve Rod                | 1        | #50       | 944-203-0 | Back-up Ring (3.1×5×1)        | 1        | #88                                           | 990-924-0 | O-Ring (SNS-30)                | 1        |
| #13       | 147-107-2 | Valve Lever              | 1        | #51       | 944-215-0 | Back-up Ring (19.9×1.5)       | 1        | #89                                           | 990-932-0 | O-Ring (SNS-42)                | 2        |
| #14       | 147-210-8 | Reverse Valve            | 1        | #52       | 944-222-0 | Back-up Ring (20×27.5×1.5)    | 2        | #90                                           | 990-970-0 | O-Ring (SNS-2) NOK             | 3        |
| #15       | 147-211-8 | Reverse Valve Bushing    | 1        | #53       | 948-423-0 | Allen Flush Head Screw (M3×6) | 2        | #91                                           | 990-971-0 | O-Ring (SNS-3) NOK             | 1        |
| #16       | 147-212-8 | Reverse Lever            | 1        | #54       | 966-099-0 | Allen Head Plug (NPT1/16)     | 1        | #92                                           | 990-305-0 | O-Ring (ARP568-003)            | 1        |
| #17       | 147-291-9 | Rear Plate Spacer        | 1        | #55       | 969-449-0 | Pin (G)(3×6)                  | 1        | #93                                           | 990-021-0 | SU-Ring (Q16)                  | 1        |
| #18       | 147-285-8 | Rear Plate               | 1        | #56       | 970-091-0 | Pin (H)(2×4.5)                | 1        | <b>PARTS FOR UAT90L</b>                       |           |                                |          |
| #19       | 147-286-8 | Cylinder                 | 1        | #57       | 970-205-0 | Pin (H)(3×7)                  | 4        | #94                                           | 147-253-9 | Shut-off Valve Bushing         | 1        |
| #20       | 147-287-8 | Rotor                    | 1        | #58       | 971-125-0 | Pin (2×25)                    | 1        | #95                                           | 147-835-9 | Filter (K200)                  | 1        |
| #21       | 147-288-8 | Blade                    | 9        | #59       | 973-014-0 | Roll Pin (2×14)               | 1        | #96                                           | 18F-924-6 | Name Plate                     | 1        |
| #22       | 147-289-8 | Front Plate              | 1        | #60       | 973-006-0 | Roll Pin (2×6)                | 1        | #97                                           | 976-814-0 | Spring (4.6×12)                | 1        |
| #23       | 147-036-8 | Hammer Casing Connector  | 1        | #61       | 973-068-0 | Roll Pin (2.5×8)              | 2        | <b>PARTS FOR UAT90 (TM) &amp; UAT90L (TM)</b> |           |                                |          |
| #24       | 147-439-8 | Front Casing             | 1        | #62       | 973-308-0 | Roll Pin (5×8)                | 2        | #100                                          | 852-590-1 | Handle                         | 1        |
| #25       | 147-328-8 | Anvil Bushing            | 1        | #63       | 973-307-0 | Roll Pin (5×6)                | 2        | #101                                          | 851-967-1 | Plug                           | 1        |
| #26       | 18F-901-5 | Rear Liner Plate         | 1        | #64       | 975-780-0 | Adjusting Spacer (21×13×t)    | 1        | #102                                          | 851-955-1 | Connecting Screw               | 1        |
| #27       | 18F-902-5 | Liner                    | 1        | #65       | 976-006-0 | Spring (3×5)                  | 1        | #103                                          | 909-442-0 | Quick Exhaust (AQ240F-04-00)   | 1        |
| #28       | 145-546-6 | Piston                   | 1        | #66       | 976-643-0 | Spring (7.5×9.7)              | 1        | #104                                          | 933-281-0 | One-Touch Connector (KJH04-M5) | 1        |
| #29       | 145-929-6 | Check Valve Cover        | 1        | #67       | 976-794-0 | Spring (3.8×33) WPC           | 2        | #105                                          | 935-240-0 | Nylon Tube (18NY)              | 1        |
| #30       | 147-130-8 | Operating Rod (2.1×64.5) | 1        | #68       | 976-650-0 | Spring (3.3×16) Standard      | 1        | #106                                          | 935-350-0 | Polyurethane Hose (F-1504)     | 1        |
| #31       | 891-551-1 | Anvil Assembly           | 1        | #68-1     | 976-662-0 | Spring (3.3×18) Strong        | 1        | #107                                          | 935-358-0 | Polyurethane Hose (TU-0212)    | 1        |
| #31-1     | 147-319-9 | Anvil                    | 1        | #68-2     | 976-688-0 | Spring (3.3×17.5) Weak        | 1        | #108                                          | 990-320-0 | O-Ring (ARP568-003)            | 1        |
| #31-2     | 891-304-1 | Socket Pin Assembly      | 1        | #69       | 976-889-0 | Spring (3.5×18)               | 1        | <b>ACCESSORIES</b>                            |           |                                |          |
| #32       | 147-440-9 | Driving Blade            | 2        | #70       | 976-899-0 | Spring (2.75×8.2)             | 1        | #110                                          | 939-091-0 | Allen Wrench (1.5)             | 1        |
| #33       | 147-974-8 | Roller (2.5×30)          | 2        | #71       | 976-815-0 | Spring (2.4×5.4)              | 1        | #111                                          | 939-105-0 | Allen Wrench (4)               | 1        |
| #34       | 18F-904-5 | Front Liner Plate        | 1        | #72       | 976-813-0 | Spring (4.5×12)               | 1        | #112                                          | 940-114-0 | Air Hose Nipple (NPT1/4×3/8)   | 1        |
| #35       | 147-905-8 | Liner Casing             | 1        | #73       | 981-001-0 | Ball (3/32)                   | 1        | #113                                          | 909-449-0 | Speed Controller               | 1        |
| #36       | 147-906-8 | Liner Casing Cover       | 1        | #74       | 981-002-0 | Ball (1/8)                    | 1        |                                               |           |                                |          |
| #37       | 174-907-2 | Relief Valve Spindle     | 1        | #75       | 981-045-0 | Ball (1.5)                    | 9        |                                               |           |                                |          |
| #38       | 147-970-8 | Relief Valve             | 1        | #76       | 981-150-0 | Ball (3)                      | 1        |                                               |           |                                |          |

When ordering spare parts, please specify tool type, code number and parts name.

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