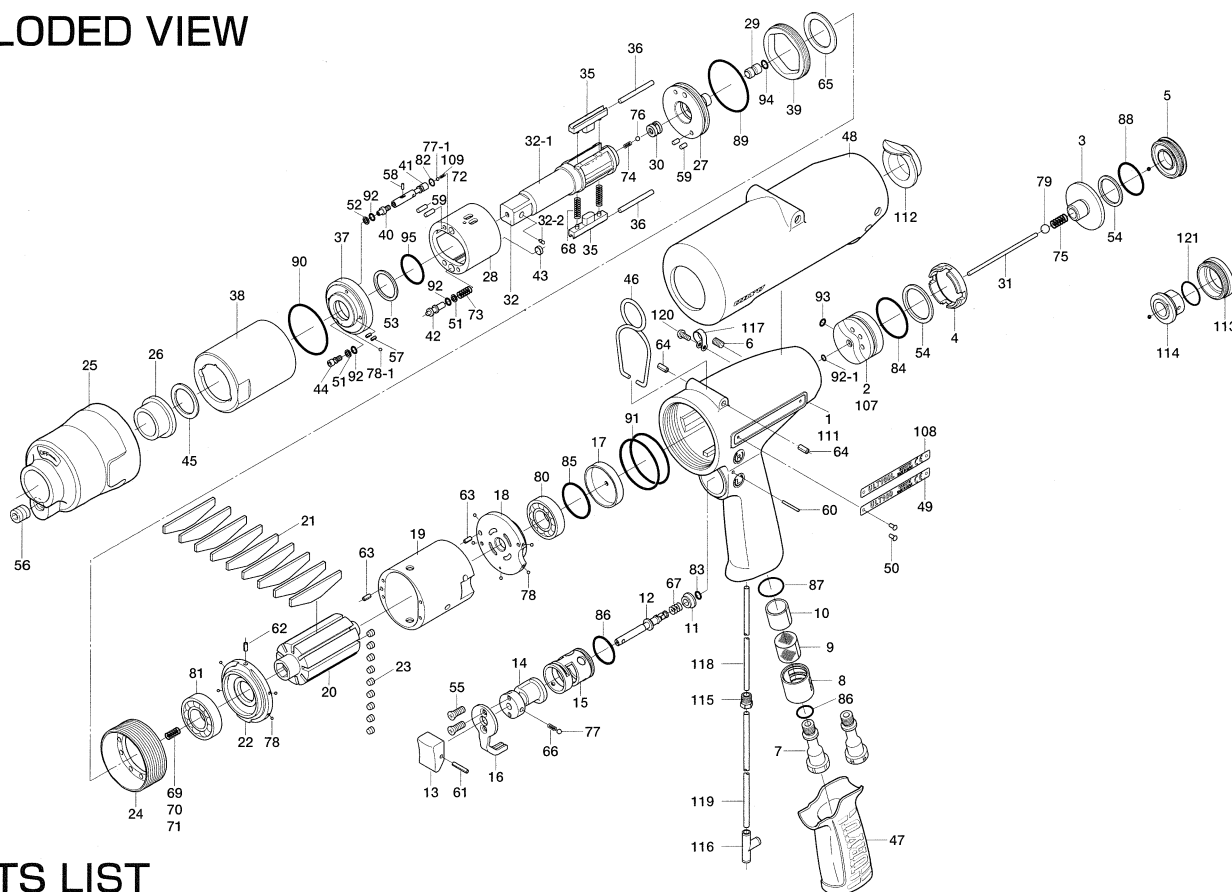


# ULT100 SERIES OIL-PULSE WRENCHES

## 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       | 148-025-2 | Handle                   | 1        | #42       | 147-972-8 | Accumulator                        | 1        | #80           | 982-949-0 | Ball Bearing (16001)         | 1        |
| # 2       | 148-253-2 | Shut-Off Valve Bushing   | 1        | #43       | 148-908-2 | Accumulator Cover                  | 1        | #81           | 982-950-0 | Ball Bearing (16002)         | 1        |
| # 3       | 147-254-9 | Shut-Off Valve           | 1        | #44       | 194-742-3 | Oil Plug                           | 1        | #82           | 990-320-0 | O-Ring (ARP568-003)          | 1        |
| # 4       | 147-684-8 | Cushion Spacer           | 1        | #45       | 147-327-8 | Anvil Front Spacer                 | 1        | #83           | 990-306-0 | O-Ring (ARP-568-004)(H)      | 1        |
| # 5       | 147-019-8 | Valve Cover              | 1        | #46       | 174-790-0 | Suspension Ring                    | 1        | #84           | 990-331-0 | O-Ring (JW1530-21)           | 1        |
| # 6       | 150-108-5 | Valve Plug               | 1        | #47       | 147-842-2 | Handle Cover                       | 1        | #85           | 990-334-0 | O-Ring (JW1530-24)           | 1        |
| # 7       | 148-091-3 | Air Inlet Bushing        | 1        | #48       | 148-840-2 | Casing Cover                       | 1        | #86           | 990-914-0 | O-Ring (SNS-16)              | 2        |
| # 8       | 147-780-9 | Exhaust Stack            | 1        | #49       | 148-924-2 | Name Plate                         | 1        | #87           | 990-919-0 | O-Ring (SNS-22)              | 1        |
| # 9       | 147-042-8 | Silencer                 | 1        | #50       | 930-205-0 | Pin(No.0×2.6)                      | 2        | #88           | 990-923-0 | O-Ring (SNS-26)              | 1        |
| #10       | 148-835-2 | Filter (K50)             | 1        | #51       | 944-003-0 | Supporting Ring (3×5×1)            | 2        | #89           | 990-929-0 | O-Ring (SNS-36)              | 1        |
| #11       | 147-100-8 | Valve                    | 1        | #52       | 944-203-0 | Supporting Ring (3.1×5.1)          | 1        | #90           | 990-928-0 | O-Ring (SNS-38)              | 1        |
| #12       | 147-104-8 | Valve Rod                | 1        | #53       | 944-215-0 | Supporting Ring (16×19.9×1.5)      | 1        | #91           | 990-938-0 | O-Ring (SNS-48)              | 2        |
| #13       | 147-107-2 | Valve Lever              | 1        | #54       | 944-222-0 | Supporting Ring (20×27.5×1.5)      | 2        | #92           | 990-970-0 | O-Ring (SNS-2)               | 3        |
| #14       | 147-210-8 | Reverse Valve            | 1        | #55       | 948-423-0 | Allen Flush Head Screw (M3×6)      | 2        | #92-1         | 990-970-0 | O-Ring (SNS-2)               | 1        |
| #15       | 147-211-8 | Reverse Valve Bushing    | 1        | #56       | 966-099-0 | Allen Head Plug 1/16 (GM Type)     | 1        | #93           | 990-971-0 | O-Ring (SNS-3) (NOK)         | 1        |
| #16       | 147-212-8 | Reverse Lever            | 1        | #57       | 969-450-0 | Pin (G) (3×8)                      | 2        | #94           | 990-305-0 | O-Ring (ARP568-003)(KS)      | 1        |
| #17       | 147-291-9 | Rear Plate Spacer        | 1        | #58       | 970-091-0 | Pin (H) (2×4.5)                    | 1        | #95           | 992-021-0 | SU-Ring (Q16)(NTN)           | 1        |
| #18       | 148-285-2 | Rear Plate               | 1        | #59       | 970-205-0 | Pin (H) (3×7)                      | 4        | for ULT100L   |           |                              |          |
| #19       | 148-286-2 | Cylinder                 | 1        | #60       | 971-125-0 | Pin (2×25)                         | 1        | #107          | 148-253-3 | Shut-Off Valve Bushing       | 1        |
| #20       | 148-287-2 | Rotor                    | 1        | #61       | 973-014-0 | Roll Pin (2×14)                    | 1        | #108          | 148-924-3 | Name Plate                   | 1        |
| #21       | 148-288-2 | Blade (PC)               | 9        | #62       | 973-006-0 | Roll Pin (2×6)                     | 2        | #109          | 976-656-0 | Spring (2.9×8.5)(0.4)        | 1        |
| #22       | 148-289-2 | Front Plate              | 1        | #63       | 973-068-0 | Roll Pin (2.5×8)                   | 2        | for (TM)-TYPE |           |                              |          |
| #23       | 148-064-2 | Plug                     | 9        | #64       | 973-308-0 | Roll Pin (5×8)                     | 2        | #111          | 851-059-1 | Handle                       | 1        |
| #24       | 148-036-2 | Hammer Casing Protector  | 1        | #65       | 975-780-0 | Adjusting Spacer (21×13×t)         | 1        | #112          | 851-060-1 | Cap                          | 1        |
| #25       | 148-439-2 | Front Casing             | 1        | #66       | 976-006-0 | Spring (3×5)                       | 1        | #113          | 851-011-1 | Valve Cover                  | 1        |
| #26       | 147-328-8 | Anvil Bushing            | 1        | #67       | 976-643-0 | Spring (7.5×9.7)(0.9)              | 1        | #114          | 851-077-1 | Valve Spacer                 | 1        |
| #27       | 148-901-2 | Rear Liner Plate         | 1        | #68       | 976-783-0 | Spring (4.3×36)(0.55)WPC           | 2        | #115          | 850-610-1 | Connecting Screw             | 1        |
| #28       | 148-902-2 | Liner                    | 1        | #69       | 976-629-0 | Spring 3.3×13 (0.5)n=11.5          | 1        | #116          | 909-442-0 | Quick Exhaust (AQ240F-04-00) | 1        |
| #29       | 145-546-6 | Piston                   | 1        | #70       | 976-628-0 | Spring 3.3×13 (0.5)n=10.5          | 1        | #117          | 929-050-0 | Coupling (3)                 | 1        |
| #30       | 145-929-6 | Check Valve Cover        | 1        | #71       | 976-627-0 | Spring 3.3×18 (0.45)n=9.5          | 1        | #118          | 935-240-0 | Nylon Tube (18NY)            | 1        |
| #31       | 148-130-2 | Operating Rod (2.1×65.9) | 1        | #72       | 976-707-0 | Spring (2.9×7.7)(0.45)             | 1        | #119          | 935-350-0 | Polyurethane Hose (F-1504)   | 1        |
| #32       | 891-562-1 | Anvil Assembly (P)       | 1        | #73       | 976-699-0 | Spring (4.8×29.5)(0.6)             | 1        | #120          | 957-006-0 | Cross Pan Head Screw (M3×4)  | 1        |
| #32-1     | 148-319-2 | Anvil (O)                | 1        | #74       | 976-645-0 | Spring (2.4×5)(0.3)                | 1        | #121          | 990-920-0 | O-Ring (SNS-25)              | 1        |
| #32-2     | 891-304-1 | Socket Pin Assy.         | 1        | #75       | 977-042-0 | Cone Spring (3.5×4.7×8.4)(0.55)WPC | 1        | ACCESSORIES   |           |                              |          |
| #35       | 148-440-2 | Driving Blade            | 2        | #76       | 981-001-0 | Ball (2/32)                        | 1        | #122          | 939-091-0 | Allen Wrench (1.5)           | 1        |
| #36       | 148-974-2 | Roller Pin(3×35)         | 2        | #77       | 981-002-0 | Ball (1/8)                         | 1        | #123          | 939-105-0 | Allen Wrench (4)             | 1        |
| #37       | 148-904-2 | Front Liner Plate        | 1        | #77-1     | 981-002-0 | Ball (1/8)                         | 1        | #124          | 909-449-0 | Speed Controller             | 1        |
| #38       | 148-905-2 | Liner Casing             | 1        | #78       | 981-045-0 | Ball (1.5)                         | 9        |               |           |                              |          |
| #39       | 148-906-2 | Liner Casing Cover       | 1        | #78-1     | 981-045-0 | Ball (1.5)                         | 1        |               |           |                              |          |
| #40       | 174-907-2 | Relief Valve Spindle     | 1        | #79       | 981-245-0 | Ball (4.5MM)                       | 1        |               |           |                              |          |
| #41       | 148-970-2 | Relief Valve             | 1        |           |           |                                    |          |               |           |                              |          |

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

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