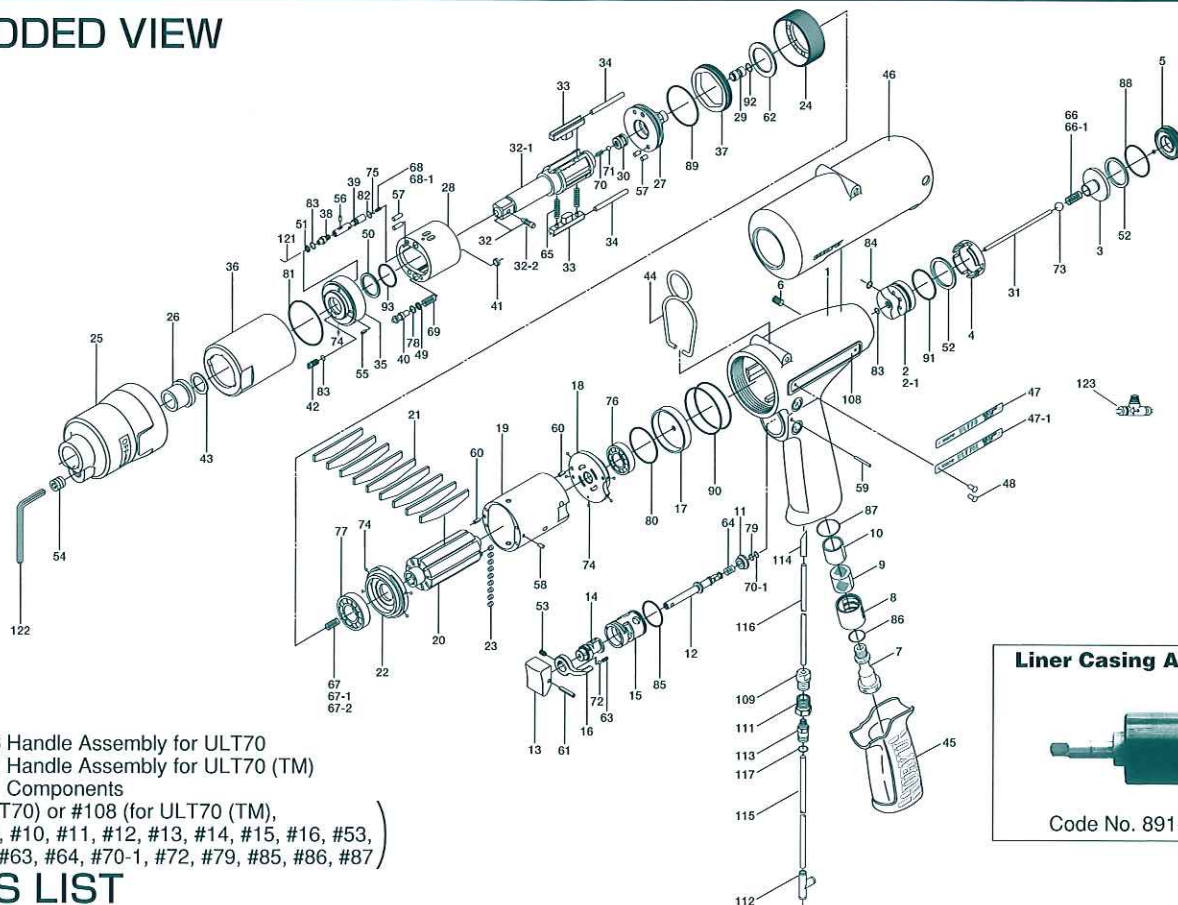


# ULT70 SERIES OIL-PULSE WRENCHES

## EXPLODED VIEW



147-984-6 Handle Assembly for ULT70  
852-513-1 Handle Assembly for ULT70 (TM)  
Components

(#1 (for ULT70) or #108 (for ULT70 (TM)),  
#7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #53,  
#59, #61, #63, #64, #70-1, #72, #79, #85, #86, #87)

## PARTS LIST

| Index No. | Code No.  | Parts Name               | Quantity | Index No. | Code No.  | Parts Name                 | Quantity | Index No.                  | Code No.  | Parts Name                     | Quantity |
|-----------|-----------|--------------------------|----------|-----------|-----------|----------------------------|----------|----------------------------|-----------|--------------------------------|----------|
| # 1       | 18E-025-3 | ○ Handle                 | 1        | #40       | 145-972-6 | Accumulator                | 1        | #78                        | 990-320-0 | ○ O Ring (ARP568-003)          | 1        |
| # 2       | 147-253-6 | Shut-off Valve Bushing   | 1        | #41       | 145-908-7 | Accumulator Cover          | 1        | #79                        | 990-306-0 | ○ O Ring (ARP568-004)(H)       | 1        |
| # 3       | 147-254-6 | Shut-off Valve           | 1        | #42       | 194-742-0 | Oil Plug                   | 1        | #80                        | 990-327-0 | ○ O Ring (JW1530-18)           | 1        |
| # 4       | 147-684-6 | Cushion Spacer           | 1        | #43       | 178-327-9 | Anvil Front Spacer         | 1        | #81                        | 990-334-0 | ○ O Ring (JW1530-24)           | 1        |
| # 5       | 147-019-6 | Valve Cover              | 1        | #44       | 174-790-0 | Suspension Ring            | 1        | #82                        | 990-621-0 | ○ O Ring (3.8×1.8×1.0)         | 1        |
| # 6       | 150-108-5 | Valve Plug               | 1        | #45       | 147-842-2 | Handle Cover               | 1        | #83                        | 990-900-0 | ○ O Ring (SNS-2)               | 3        |
| # 7       | 147-091-2 | ○ Air Inlet Bushing      | 1        | #46       | 147-840-7 | Casing Cover               | 1        | #84                        | 990-901-0 | ○ O Ring (SNS-3)               | 1        |
| # 8       | 147-780-3 | ○ Exhaust Stack          | 1        | #47       | 147-924-6 | Name Plate                 | 1        | #85                        | 990-912-0 | ○ O Ring (SNS-14)              | 1        |
| # 9       | 147-042-2 | ○ Silencer               | 1        | #48       | 930-205-0 | Pin (No.0×2.6)             | 2        | #86                        | 990-914-0 | ○ O Ring (SNS-16)              | 1        |
| #10       | 147-835-3 | ○ Filter (K200)          | 1        | #49       | 944-002-0 | Support Ring (2.6×4.5×1)   | 1        | #87                        | 990-916-0 | ○ O Ring (SNS-18)              | 1        |
| #11       | 147-100-3 | ○ Valve                  | 1        | #50       | 944-013-0 | Support Ring (P-12)        | 1        | #88                        | 990-918-0 | ○ O Ring (SNS-20)              | 1        |
| #12       | 142-104-6 | ○ Valve Rod              | 1        | #51       | 944-203-0 | Support Ring (3.1×5×1)     | 1        | #89                        | 990-923-0 | ○ O Ring (SNS-26)              | 1        |
| #13       | 147-107-2 | ○ Valve Lever            | 1        | #52       | 944-220-0 | Support Ring (16×22.5×1.5) | 2        | #90                        | 990-929-0 | ○ O Ring (SNS-36)              | 2        |
| #14       | 147-210-2 | ○ Reverse Valve          | 1        | #53       | 952-106-0 | ○ Allen Head Screw (M4×6)  | 1        | #91                        | 990-979-0 | ○ O Ring (SNS-20)              | 1        |
| #15       | 147-211-2 | ○ Reverse Valve Bushing  | 1        | #54       | 966-099-0 | Allen Head Plug (NPT1/16)  | 1        | #92                        | 990-305-0 | ○ O Ring (ARP568-003)          | 1        |
| #16       | 480-212-8 | ○ Reverse Lever          | 1        | #55       | 969-449-0 | Pin (G) (3×6)1/2           | 1        | #93                        | 992-020-0 | SU Ring (Q12)                  | 1        |
| #17       | 145-291-7 | Rear Plate Spacer        | 1        | #56       | 970-013-0 | Pin (H) (1.5×4)            | 1        | <b>PARTS FOR ULT70L</b>    |           |                                |          |
| #18       | 147-285-6 | Rear Plate               | 1        | #57       | 970-204-0 | Pin (H) (3×6)              | 4        | # 2-1                      | 147-253-7 | Shut-off Valve Bushing         | 1        |
| #19       | 147-286-6 | Cylinder                 | 1        | #58       | 971-102-0 | Pin (2×3.8)                | 1        | #47-1                      | 147-924-7 | Name Plate                     | 1        |
| #20       | 147-287-6 | Rotor                    | 1        | #59       | 971-123-0 | ○ Pin (2×23)               | 1        | #66-1                      | 977-045-0 | Cone Spring (4.0×4.6×9)        | 1        |
| #21       | 147-288-6 | Blade (PC)               | 9        | #60       | 973-008-0 | Roll Pin (2×8)             | 1        | #68-1                      | 976-677-0 | Spring (2.8×7)                 | 1        |
| #22       | 147-289-6 | Front Plate              | 1        | #61       | 973-014-0 | ○ Roll Pin (2×14)          | 1        | <b>PARTS FOR (TM)-TYPE</b> |           |                                |          |
| #23       | 147-064-6 | Plug                     | 9        | #62       | 975-752-0 | Adjusting Spacer (15×10×t) | 1        | #108                       | 852-587-1 | Handle                         | 1        |
| #24       | 147-036-6 | Hammer Casing Connector  | 1        | #63       | 976-006-0 | ○ Spring (3×5)             | 1        | #109                       | 851-967-1 | Plug                           | 1        |
| #25       | 147-439-6 | Front Casing             | 1        | #64       | 976-457-0 | ○ Spring (7×12)            | 1        | #111                       | 851-955-1 | Connecting Screw               | 1        |
| #26       | 190-328-6 | Anvil Bushing            | 1        | #65       | 976-788-0 | Spring (3.5×25) WPC        | 2        | #112                       | 909-442-0 | Quick Exhaust (AQ240F-04-00)   | 1        |
| #27       | 147-901-6 | Rear Liner Plate         | 1        | #66       | 977-056-0 | Cone Spring (4.1×4.7×9.4)  | 1        | #113                       | 933-281-0 | One touch Connector (KJH04-M5) | 1        |
| #28       | 147-902-6 | Liner                    | 1        | #67       | 976-650-0 | Spring (3.3×16) [Standard] | 1        | #114                       | 935-240-0 | Nylon Tube (18NY)              | 1        |
| #29       | 145-546-6 | Piston                   | 1        | #67-1     | 976-661-0 | Spring (3.3×17) [Weaker]   | 1        | #115                       | 935-350-0 | Polyurethane Hose (F-1504)     | 1        |
| #30       | 145-929-6 | Check Valve Cover        | 1        | #67-2     | 976-662-0 | Spring (3.3×18) [Strong]   | 1        | #116                       | 935-358-0 | Polyurethane Hose (TU-0212)    | 1        |
| #31       | 147-130-6 | Operating Rod (2.1×60.5) | 1        | #68       | 976-676-0 | Spring (2.7×7.4)           | 1        | #117                       | 990-320-0 | ○ O Ring (ARP568-003)          | 1        |
| #32       | 891-550-1 | Anvil CP (P)             | 1        | #69       | 976-666-0 | Spring (4.3×23)            | 1        | <b>ACCESSORIES</b>         |           |                                |          |
| #32-1     | 18E-319-3 | Anvil                    | 1        | #70       | 976-645-0 | Spring (2.4×5)             | 1        | #120                       | 940-114-0 | Air Hose Nipple (NPT 1/4×3/8)  | 1        |
| #32-2     | 891-300-1 | Socket Pin Assembly      | 1        | #70-1     | 979-405-0 | ○ Outer Snap Ring (E2.5)   | 1        | #121                       | 939-091-0 | Allen Wrench (1.5)             | 1        |
| #33       | 147-440-6 | Driving Blade            | 2        | #71       | 981-001-0 | Ball (3/32)                | 1        | #122                       | 939-105-0 | Allen Wrench (4)               | 1        |
| #34       | 147-974-6 | Roller Pin (2.5×28)      | 2        | #72       | 981-002-0 | ○ Ball (1/8)               | 1        | #123                       | 909-449-0 | Speed Controller(AS100F-04)    | 1        |
| #35       | 147-904-6 | Front Liner Plate        | 1        | #73       | 981-003-0 | Ball (5/32)                | 1        |                            |           |                                |          |
| #36       | 147-905-6 | Liner Casing             | 1        | #74       | 981-045-0 | Ball (1.5mm)               | 10       |                            |           |                                |          |
| #37       | 147-906-6 | Liner Casing Cover       | 1        | #75       | 981-150-0 | Ball (3mm)                 | 1        |                            |           |                                |          |
| #38       | 174-907-2 | Relief Valve Spindle     | 1        | #76       | 982-014-0 | Ball Bearing (607)         | 1        |                            |           |                                |          |
| #39       | 147-970-6 | Relief Valve             | 1        | #77       | 982-902-0 | Ball Bearing (6901)        | 1        |                            |           |                                |          |

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

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