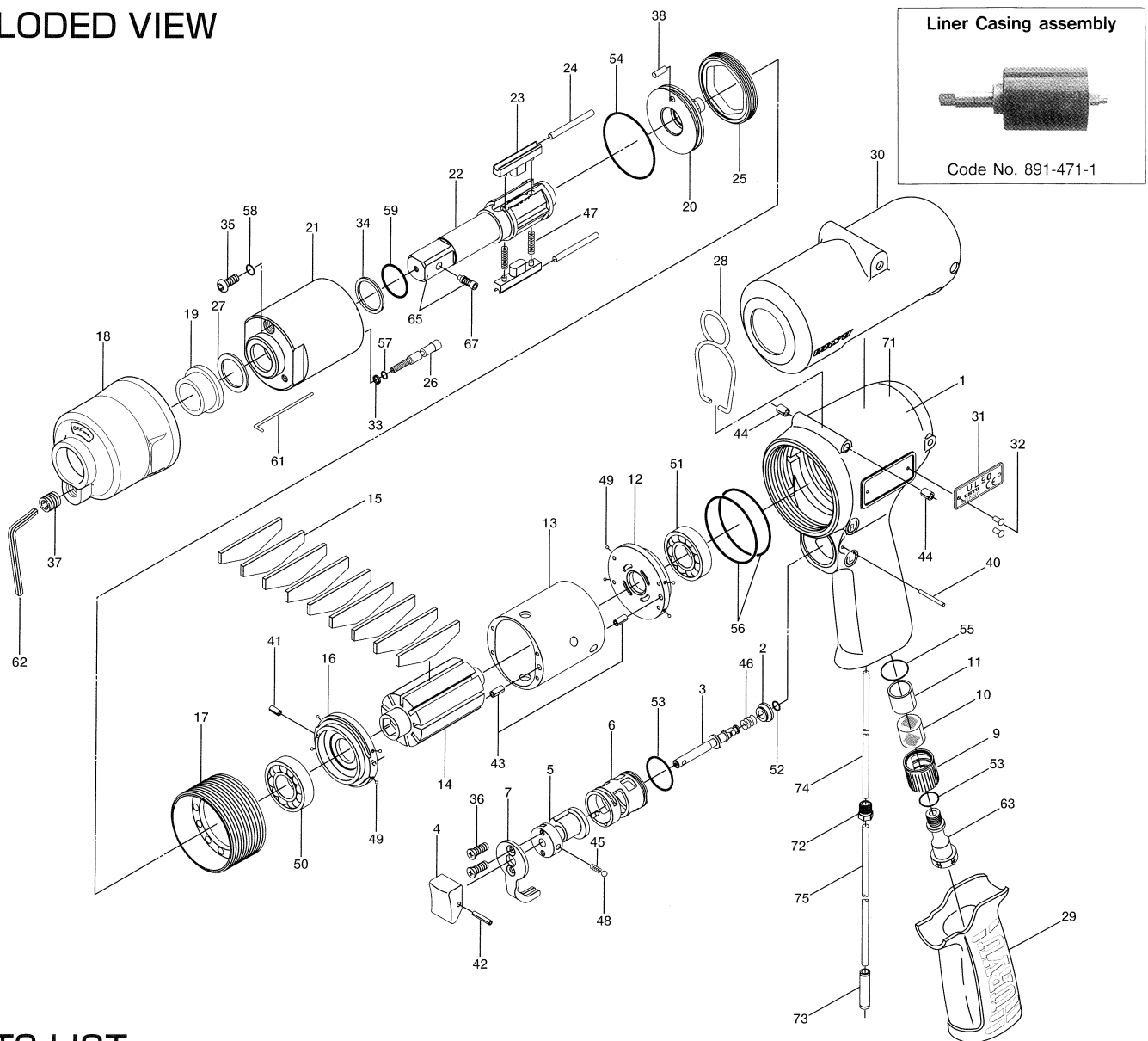


# UL90 OIL-PULSE WRENCH

## 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       | 143-025-9 | Handle                  | 1        | #25       | 143-906-9 | Liner Casing Cover             | 1        | #50                        | 982-903-0 | Ball Bearing (6902)          | 1        |
| # 2       | 147-100-8 | Valve                   | 1        | #26       | 143-970-9 | Relief Valve                   | 1        | #51                        | 982-949-0 | Ball Bearing (16001)         | 1        |
| # 3       | 147-104-8 | Valve Rod               | 1        | #27       | 147-327-8 | Anvil Front Spacer             | 1        | #52                        | 990-306-0 | O-Ring (ARP-568-004) (H)     | 1        |
| # 4       | 147-107-2 | Valve Lever             | 1        | #28       | 174-790-0 | Suspension Bail                | 1        | #53                        | 990-914-0 | O-Ring (SNS-16)              | 2        |
| # 5       | 147-210-8 | Reverse Valve           | 1        | #29       | 147-842-2 | Handle Cover                   | 1        | #54                        | 990-915-0 | O-Ring (SNS-29)              | 1        |
| # 6       | 147-211-8 | Reverse Valve Bushing   | 1        | #30       | 143-840-9 | Casing Protector               | 1        | #55                        | 990-919-0 | O-Ring (SNS-22)              | 1        |
| # 7       | 147-212-8 | Reverse Lever           | 1        | #31       | 143-924-9 | Name Plate                     | 1        | #56                        | 990-932-0 | O-Ring (SNS-42)              | 2        |
| #63       | 147-091-8 | Air Inlet Bushing       | 1        | #32       | 930-205-0 | Screw (No.0x2.6)               | 2        | #57                        | 990-970-0 | O-Ring (SNS-2)               | 1        |
| # 9       | 147-780-9 | Exhaust Stack           | 1        | #33       | 944-002-0 | Supporting Ring (2.6x4.5x1)    | 1        | #58                        | 990-971-0 | O-Ring (SNS-3)               | 1        |
| #10       | 147-042-8 | Silencer                | 1        | #34       | 944-215-0 | Supporting Ring (16x19.9x1.5)  | 1        | #59                        | 992-021-0 | SU-Ring (Q16) (NTN)          | 1        |
| #11       | 147-835-8 | Filter (K100)           | 1        | #35       | 945-942-0 | Hexagon Round Head Bolt (M4x6) | 1        | #65                        | 891-556-1 | Anvil Assembly (P)           | 1        |
| #12       | 143-285-9 | Rear Plate              | 1        | #36       | 948-423-0 | Allen Flush Head Screw (M3X6)  | 2        | #67                        | 891-304-1 | Socket Pin Assembly (1/2)    | 1        |
| #13       | 143-286-9 | Cylinder                | 1        | #37       | 966-099-0 | Allen Head Plug (NPT1/16)      | 1        | <b>PARTS FOR (TM)-TYPE</b> |           |                              |          |
| #14       | 147-287-8 | Rotor                   | 1        | #38       | 970-204-0 | Pin (3x6)                      | 1        | #71                        | 851-041-1 | Handle                       | 1        |
| #15       | 147-288-8 | Blade (PC)              | 9        | #40       | 971-125-0 | Pin (2x25)                     | 1        | #72                        | 850-610-1 | Connecting Screw             | 1        |
| #16       | 143-289-9 | Front Plate             | 1        | #41       | 973-006-0 | Roll Pin (2x6)                 | 1        | #73                        | 933-250-0 | One-Touch Connector (SLS-04) | 1        |
| #17       | 143-036-9 | Hammer Casing Connector | 1        | #42       | 973-014-0 | Roll Pin (2x14)                | 1        | #74                        | 935-240-0 | Nylon Tube (18NY)            | 1        |
| #18       | 143-439-9 | Front Casing            | 1        | #43       | 973-068-0 | Roll Pin (2.5x8)               | 2        | #75                        | 935-350-0 | Polyurethane Hose (F1504)    | 1        |
| #19       | 147-328-8 | Anvil Bushing           | 1        | #44       | 973-308-0 | Roll Pin (5x8)                 | 2        | <b>ACCESSORIES</b>         |           |                              |          |
| #20       | 143-901-9 | Rear Liner Plate        | 1        | #45       | 976-006-0 | Spring (3x5)(0.4)              | 1        | #61                        | 939-091-0 | Allen Wrench (1.5)           | 1        |
| #21       | 143-902-9 | Liner                   | 1        | #46       | 976-643-0 | Spring (7.5x9.7)(0.9)          | 1        | #62                        | 939-105-0 | Allen Wrench (4)             | 1        |
| #22       | 143-319-9 | Anvil                   | 1        | #47       | 976-794-0 | Spring (3.8x33)(0.5) WPC       | 2        |                            |           |                              |          |
| #23       | 147-440-9 | Driving Blade           | 2        | #48       | 981-002-0 | Ball (1/8)                     | 1        |                            |           |                              |          |
| #24       | 147-974-8 | Roller(2.5x30)          | 2        | #49       | 981-045-0 | Ball (1.5mm)                   | 8        |                            |           |                              |          |

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

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