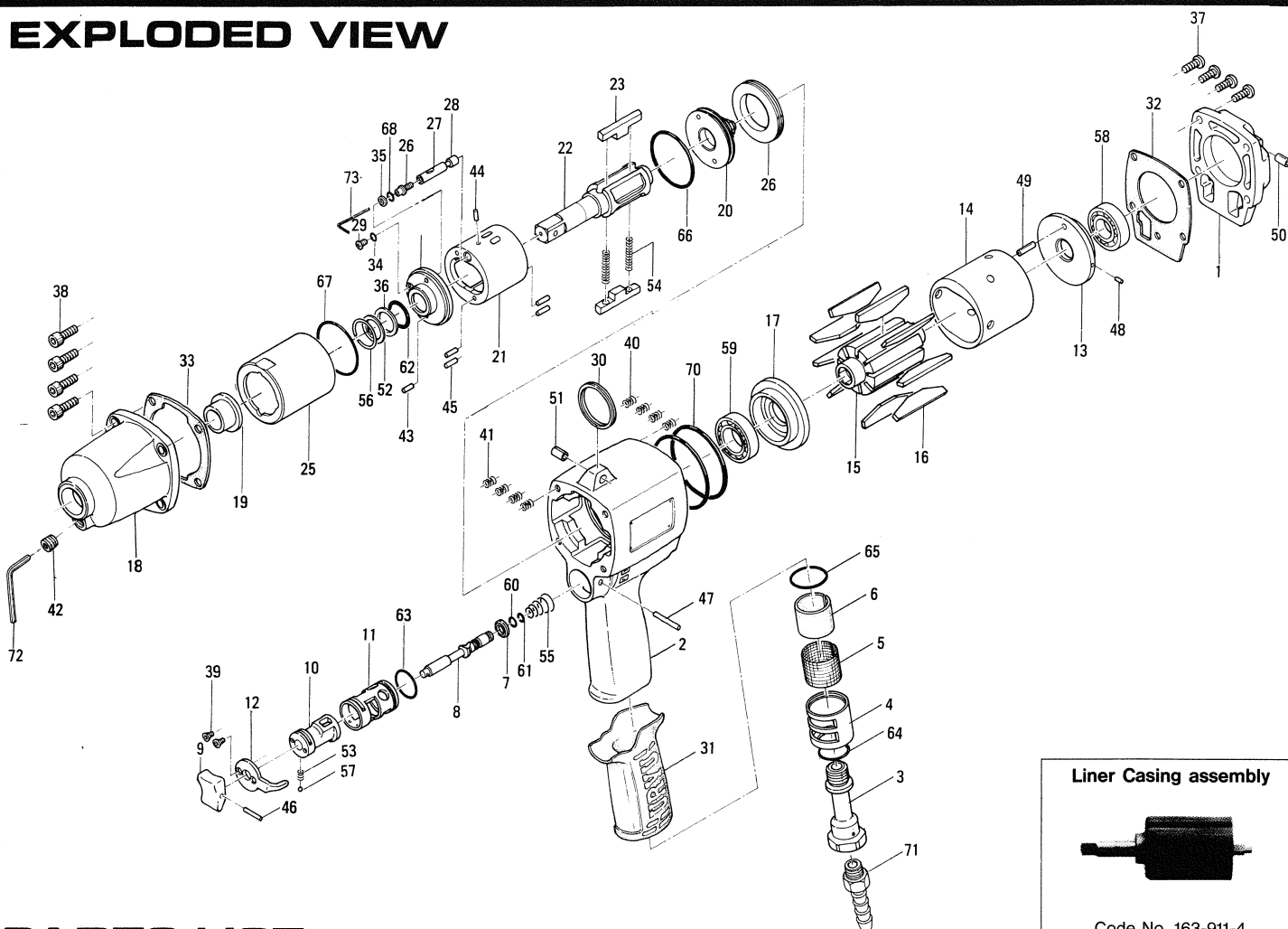


# $\alpha$ ALPHA 140 OIL-PULSE WRENCH

## 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       | 195-012-3 | Handle Cover          | 1        | #29       | 194-742-3 | Oil Plug                        | 1        | #51         | 973-361-0 | Roll Pin (8×12)              | 1        |
| # 2       | 163-025-4 | Handle                | 1        | #30       | 004-790-2 | Suspension Ring                 | 1        | #52         | 163-807-5 | Spacer                       | 1        |
| # 3       | 163-091-4 | Air Inlet Bushing     | 1        | #31       | 173-842-0 | Handle Cover                    | 1        | #53         | 976-006-0 | Spring (3×5×0.4)             | 1        |
| # 4       | 163-780-3 | Exhaust Bushing       | 1        | #32       | 195-853-3 | Handle Cover Packing            | 1        | #54         | 976-795-0 | Spring (4.3×40.5×0.6) WPC    | 2        |
| # 5       | 163-042-3 | Silencer              | 1        | #33       | 195-867-3 | Front Casing Packing            | 1        | #55         | 977-228-0 | Cone Spring (9×14.5×22)      | 1        |
| # 6       | 163-835-3 | Filter (K50)          | 1        | #34       | 944-003-0 | Supporting Ring (3×5×1)         | 1        | #56         | 979-207-0 | Snap Ring (30)               | 1        |
| # 7       | 163-100-3 | Valve                 | 1        | #35       | 944-205-0 | Supporting Ring (5.1×7×1)       | 1        | #57         | 981-002-0 | Ball (1/8)                   | 1        |
| # 8       | 163-104-3 | Valve Rod             | 1        | #36       | 944-225-0 | Supporting Ring (25.2×29.4×1.5) | 1        | #58         | 982-103-0 | Ball Bearing (6003)          | 1        |
| # 9       | 177-107-5 | Valve Lever           | 1        | #37       | 945-955-0 | Hexagon Round Head Bolt (M5×16) | 4        | #59         | 982-906-0 | Ball Bearing (6905)          | 1        |
| #10       | 152-210-4 | Reverse Valve         | 1        | #38       | 945-220-0 | Allen Head Bolt (M6×20)         | 4        | #60         | 990-002-0 | O-Ring (P4)                  | 1        |
| #11       | 163-211-3 | Reverse Valve Bushing | 1        | #39       | 948-423-0 | Allen Flush Head Bolt (M3×6)    | 2        | #61         | 990-004-0 | O-Ring (P6)                  | 1        |
| #12       | 163-212-3 | Reverse Lever         | 1        | #40       | 965-011-0 | Heli-Sert (M5×1.5D)             | 4        | #62         | 990-170-0 | O-Ring (ARP568-120)          | 1        |
| #13       | 163-285-4 | Rear Plate            | 1        | #41       | 965-021-0 | Heli-Sert (M6×1.5D)             | 4        | #63         | 990-916-0 | O-Ring (SNS-18)              | 1        |
| #14       | 163-286-4 | Cylinder              | 1        | #42       | 966-100-0 | Allen Head Plug (1/8)           | 1        | #64         | 990-918-0 | O-Ring (SNS-20)              | 1        |
| #15       | 163-287-4 | Rotor                 | 1        | #43       | 969-450-0 | Pin (G) (3×8)                   | 1        | #65         | 990-920-0 | O-Ring (SNS-25)              | 1        |
| #16       | 163-288-3 | Blade                 | 9        | #44       | 970-093-0 | Pin (H) (2×6)                   | 1        | #66         | 990-936-0 | O-Ring (SNS-45)              | 1        |
| #17       | 163-289-4 | Front Plate           | 1        | #45       | 970-206-0 | Pin (H) (3×8)                   | 4        | #67         | 990-937-0 | O-Ring (SNS-46)              | 1        |
| #18       | 163-439-4 | Front Casing          | 1        | #46       | 971-126-0 | Pin (2×26)                      | 1        | #68         | 990-970-0 | O-Ring (SNS-2)               | 1        |
| #19       | 163-328-4 | Anvil Bushing         | 1        | #47       | 973-014-0 | Roll Pin (2×14)                 | 1        | #69         | 990-972-0 | O-Ring (SNS-4)               | 1        |
| #20       | 195-901-3 | Rear Line Plate       | 1        | #48       | 973-066-0 | Roll Pin (2.5×6)                | 1        | #70         | 990-990-0 | O-Ring (SNS-65)              | 2        |
| #21       | 175-902-9 | Liner                 | 1        | #49       | 973-212-0 | Roll Pin (4×12)                 | 1        | ACCESSORIES |           |                              |          |
| #22       | 163-319-4 | Anvil (3/4 SQ)        | 1        | #50       | 973-360-0 | Roll Pin (8×10)                 | 1        | #71         | 940-114-0 | Air Hose Nipple (NPT1/4×3/8) | 1        |
| #23       | 195-440-3 | Driving Blade         | 2        |           |           |                                 |          | #72         | 939-104-0 | Allen Wrench (5)             | 1        |
| #24       | 163-904-5 | Front Liner Plate     | 1        |           |           |                                 |          | #73         | 939-109-0 | Allen Wrench (2)             | 1        |
| #25       | 195-905-3 | Liner Casing          | 1        |           |           |                                 |          |             |           |                              |          |
| #26       | 195-906-3 | Liner Casing Setter   | 1        |           |           |                                 |          |             |           |                              |          |
| #27       | 175-907-9 | Relief Valve Spindle  | 1        |           |           |                                 |          |             |           |                              |          |
| #28       | 163-970-4 | Relief Valve          | 1        |           |           |                                 |          |             |           |                              |          |

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

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