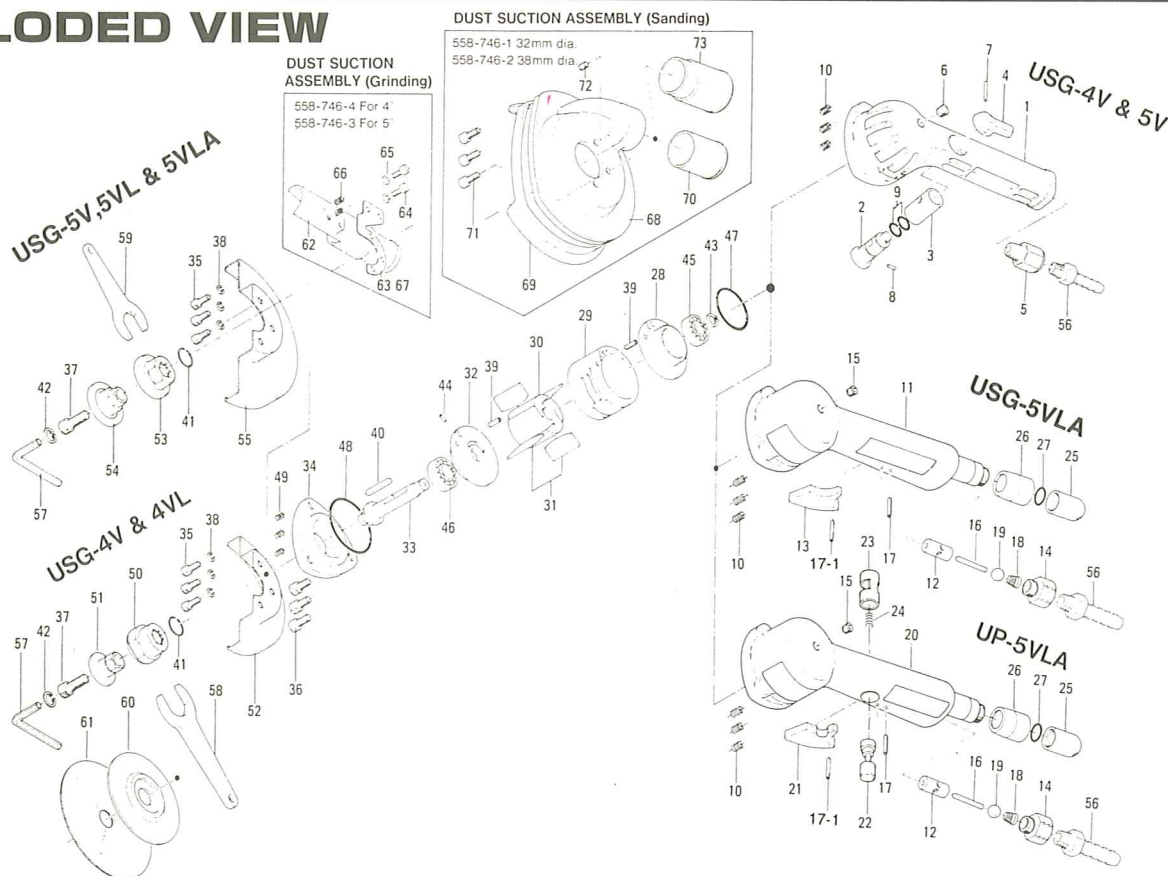


# USG-4V,4VL,5V,5VL & 5VLA VERTICAL GRINDERS

## 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 |
|--------------------------------------------------------|-----------|-------------------------------|----------|-----------------------------------------|-----------|--------------------------------|----------|-----------------------------------------------------|-----------|-----------------------------------|----------|
| <b>555-004-1 CASING ASSEMBLY for USG-4V &amp; 5V</b>   |           |                               |          | # 25                                    | 606-780-1 | Exhaust Stack                  | 1        | <b>For USG-4V &amp; 4VL</b>                         |           |                                   |          |
| # 1                                                    | 555-025-1 | Casing                        | 1        | # 26                                    | 612-778-0 | Nylon Protector                | 1        | # 58                                                | 936-054-0 | Spanner (29×4.76×150)             | 1        |
| # 2                                                    | 555-100-1 | Valve                         | 1        | # 27                                    | 990-912-0 | O Ring (SNS-14)                | 1        | <b>For USG-5V, USG-5VL &amp; 5VLA</b>               |           |                                   |          |
| # 3                                                    | 555-101-1 | Valve Bushing                 | 1        | # 28                                    | 555-285-1 | Rear Plate                     | 1        | # 59                                                | 936-521-0 | Spanner(21)                       | 1        |
| # 4                                                    | 555-107-1 | Valve Switch Lever            | 1        | # 29                                    | 555-286-1 | Cylinder                       | 1        | <b>OPTIONAL ACCESSORIES</b>                         |           |                                   |          |
| # 5                                                    | 942-114-0 | Connecting Screw (1/4×NPT1/4) | 1        | # 30                                    | 555-287-1 | Rotor                          | 1        | <b>For USG-4VL &amp; 5VL</b>                        |           |                                   |          |
| # 6                                                    | 966-022-0 | Oil Plug (1/8)                | 1        | # 31                                    | 555-288-1 | Blade                          | 4        | # 25                                                | 606-780-1 | Exhaust Stack                     | 1        |
| # 7                                                    | 971-120-0 | Pin (2×20)                    | 1        | # 32                                    | 555-289-1 | Front Plate                    | 1        | # 26                                                | 612-778-0 | Nylon Protector                   | 1        |
| # 8                                                    | 973-006-0 | Roll Pin (2×6)                | 1        | # 33                                    | 547-390-1 | Wheel Spindle                  | 1        | # 27                                                | 990-912-0 | O Ring (SNS-14)                   | 1        |
| # 9                                                    | 990-008-0 | O Ring (P-10)                 | 2        | # 34                                    | 555-065-1 | Casing Front Cover             | 1        | <b>For USG-4V &amp; 4VL</b>                         |           |                                   |          |
| # 10                                                   | 965-020-0 | Heli-Sert (M6×1D)             | 3        | # 35                                    | 945-110-0 | Allen Head Bolt (M5×10)        | 3        | # 60                                                | 554-406-1 | Rubber Pad                        | 1        |
| <b>558-004-6 CASING ASSEMBLY for USG-4VL &amp; 5VL</b> |           |                               |          | # 36                                    | 945-208-0 | Allen Head Bolt (M6×8)         | 3        | # 61                                                | 998-002-0 | Emery Paper                       | 1        |
| # 11                                                   | 558-025-6 | Casing                        | 1        | # 37                                    | 945-990-0 | Hexagon Socket Bolt (M8×18)    | 1        | <b>558-746-4 Dust Suction Assembly for Grinding</b> |           |                                   |          |
| # 12                                                   | 063-102-1 | Valve Bushing                 | 1        | # 38                                    | 962-008-0 | Spring Washer(2-5S)            | 3        | # 62                                                | 558-542-3 | Dust Receiver                     | 1        |
| # 13                                                   | 085-107-1 | Throttle Trigger              | 1        | # 39                                    | 973-162-0 | Roll Pin (3.5×12)              | 2        | # 63                                                | 558-079-4 | Joint Arm                         | 1        |
| # 14                                                   | 185-091-7 | Air Inlet Bushing             | 1        | # 40                                    | 974-130-0 | Key (4×30)                     | 1        | # 64                                                | 945-110-0 | Allen Head Bolt (M5×10)           | 2        |
| # 15                                                   | 966-022-0 | Oil Plug (1/8)                | 1        | # 41                                    | 978-170-0 | Snap Ring (17×1)               | 1        | # 65                                                | 962-008-0 | Spring Washer(2-5S)               | 2        |
| # 16                                                   | 970-337-0 | Pin (4×36)                    | 1        | # 42                                    | 979-314-0 | Inner Snap Ring (IRTW-14)      | 1        | # 66                                                | 965-011-0 | Heli-Sert (M5×1.5D)               | 2        |
| # 17                                                   | 973-122-0 | Roll Pin (3×22)               | 1        | # 43                                    | 979-107-0 | Outer Snap Ring (10)           | 1        | <b>For USG-5V, 5VL &amp; 5VLA</b>                   |           |                                   |          |
| # 17-1                                                 | 973-120-0 | Roll Pin (3×20)               | 1        | # 44                                    | 980-008-0 | Round Head Notsh (2.4)         | 1        | <b>558-746-3 Dust Suction Assembly for Grinding</b> |           |                                   |          |
| # 18                                                   | 977-220-0 | Cone Spring (9×10×25)         | 1        | # 45                                    | 982-100-0 | Ball Bearing (6000)            | 1        | # 62                                                | 558-542-3 | Dust Receiver                     | 1        |
| # 19                                                   | 981-210-0 | Steel Ball (3/8)              | 1        | # 46                                    | 982-141-0 | Ball Bearing (6001Z)           | 1        | # 67                                                | 558-079-3 | Joint Arm                         | 1        |
| # 10                                                   | 965-020-0 | Heli-Sert (M6×1D)             | 3        | # 47                                    | 990-033-0 | O Ring (P-34)                  | 1        | # 64                                                | 945-110-0 | Allen Head Bolt (M5×10)           | 2        |
| <b>558-004-9 CASING ASSEMBLY for USG-5VLA</b>          |           |                               |          | # 48                                    | 990-043-0 | O Ring (P-46)                  | 1        | # 65                                                | 962-008-0 | Spring Washer(2-5S)               | 2        |
| # 20                                                   | 558-025-9 | Casing                        | 1        | # 49                                    | 965-010-0 | Heli-Sert (M5×1D)              | 3        | # 66                                                | 965-011-0 | Heli-Sert (M5×1.5D)               | 2        |
| # 12                                                   | 063-102-1 | Valve Bushing                 | 1        | <b>PARTS FOR USG-4V &amp; 4VL</b>       |           |                                |          | <b>In Common</b>                                    |           |                                   |          |
| # 21                                                   | 558-107-9 | Throttle Trigger              | 1        | # 50                                    | 554-393-6 | Wheel Holder Flange            | 1        | <b>558-746-1 Dust Suction Assembly   32mm dia  </b> |           |                                   |          |
| # 22                                                   | 558-146-9 | Stop Valve                    | 1        | # 51                                    | 554-394-1 | Wheel Nut Flange               | 1        | # 68                                                | 558-747-1 | Dust Suction Hood                 | 1        |
| # 23                                                   | 558-147-9 | Stop Valve Bushing            | 1        | # 52                                    | 555-770-1 | Wheel Guard(4")                | 1        | # 69                                                | 553-444-3 | Ruber Skirt                       | 1        |
| # 24                                                   | 976-079-0 | Spring (5×12)                 | 1        | <b>PARTS FOR USG-5V, 5VL &amp; 5VLA</b> |           |                                |          | # 70                                                | 585-573-1 | Suction Connector (32mm)          | 1        |
| # 14                                                   | 185-091-7 | Air Inlet Bushing             | 1        | # 53                                    | 892-001-0 | Wheel Holder Flange            | 1        | # 71                                                | 945-112-0 | Allen Head Bolt (M5×12)           | 3        |
| # 15                                                   | 966-022-0 | Oil Plug (1/8)                | 1        | # 54                                    | 892-002-1 | Wheel Nut Flange               | 1        | # 72                                                | 954-628-0 | Allen Head Cup Point Screw (M5×8) | 1        |
| # 16                                                   | 970-337-0 | Pin (4×36)                    | 1        | # 55                                    | 547-770-1 | Wheel Guard                    | 1        | <b>558-746-2 Dust Suction Assembly   38mm dia  </b> |           |                                   |          |
| # 17                                                   | 973-122-0 | Roll Pin (3×22)               | 1        | <b>STANDARD ACCESSORIES</b>             |           |                                |          | # 68                                                | 558-747-1 | Dust Suction Hood                 | 1        |
| # 17-1                                                 | 973-120-0 | Roll Pin (3×20)               | 1        | <b>In Common</b>                        |           |                                |          | # 69                                                | 558-444-3 | Ruber Skirt                       | 1        |
| # 18                                                   | 977-220-0 | Cone Spring (9×10×25)         | 1        | # 56                                    | 940-114-0 | Air Hose Nipple (NPT 1/4 ×3/8) | 1        | # 73                                                | 585-573-2 | Suction Connector (38mm)          | 1        |
| # 19                                                   | 981-210-0 | Steel Ball (3/8)              | 1        | # 57                                    | 939-007-0 | Allen Wrench (6mm)             | 1        | # 71                                                | 945-112-0 | Allen Head Bolt (M5×12)           | 3        |
| # 10                                                   | 965-020-0 | Heli-Sert (M6×1D)             | 3        |                                         |           |                                |          | # 72                                                | 954-628-0 | Allen Head Cup Point Screw (5M×8) | 1        |

(※:Option)

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

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