

## Parts for Motor Case

| No. | Name of Parts                | Per Set | Parts No.       |
|-----|------------------------------|---------|-----------------|
| M   | Motor Case Assy.             | 1set    | 0378 0011 04 99 |
| ※1  | M1 Motor Case (A)            | 1       | 0378 0011 01 01 |
| ※1  | M2 Motor Case (B)            | 1       | 0378 0011 01 02 |
| M3  | Hexagon Socket Bolt (M3×28)  | 2       | 8070 3155 00 00 |
| M4  | Hexagon Socket Bolt (M3×12)  | 5       | 8070 3113 00 00 |
| M5  | Hexagon Socket Bolt (M3×10)  | 1       | 8070 3062 00 00 |
| M6  | Hexagon Nut (M3)             | 8       | 9500 1041 00 00 |
| M7  | Bushing (A)                  | 1       | 0368 0728 00 01 |
| M8  | Hexagon Nut (M4)             | 2       | 9500 1034 00 01 |
| M9  | Lamp Holder (A)              | 2       | 0368 0959 00 01 |
| M10 | Lamp Holder (B)              | 2       | 0368 0959 00 02 |
| M11 | Buzzer Cover                 | 1       | 0368 0348 00 00 |
| M12 | Buzzer Assy.                 | 1set    | 0181 0903 02 99 |
| M13 | Cover Plate (A)              | 1       | 0368 0014 00 01 |
| M14 | Lamp Circuit Board Assy.     | 1set    | 0368 0351 00 99 |
| M15 | Fan (A) Assy.                | 1set    | 0368 1556 00 99 |
| M16 | Screw (M3×35)                | 4       | 9410 2049 00 00 |
| M17 | Rubber Packing               | 1       | 0378 0359 00 00 |
| M18 | Motor Assy.                  | 1set    | 0378 0330 02 99 |
| M19 | Cable (A) Assy.              | 1set    | 0368 0902 02 99 |
| M20 | Frame Ground Plate (A) Assy. | 1set    | 0368 1575 01 99 |
| M21 | Frame Ground Plate (C)       | 1       | 0368 1575 00 03 |
| M22 | Screw (M3×8)                 | 1       | 9410 2052 00 00 |
| M23 | Screw (M3×5)                 | 4       | 9410 2044 00 00 |
| M24 | Insulating Sheet             | 1       | 0368 1525 00 01 |
| M25 | Tool Circuit Board           | 1       | 0368 1524 02 00 |
| M26 | Screw (M3×8)                 | 2       | 9540 1017 00 00 |
| M27 | Throttle Assy.               | 1set    | 0368 0186 01 99 |
| M28 | Binding Band                 | 5       | 9790 1008 00 00 |
| ☆ 1 | ST-Packing (12×20×0.1)       | 1       | 8011 1115 00 00 |
| ☆ 2 | ST-Packing (12×20×0.2)       | 1       | 8011 1116 00 00 |
| ☆ 3 | ST-Packing (12×20×0.3)       | 1       | 8011 1117 00 00 |
| ☆ 4 | ST-Packing (12×20×0.4)       | 1       | 8011 1118 00 00 |
| ☆ 5 | ST-Packing (12×20×0.5)       | 1       | 8011 1119 00 00 |
| 6   | Wave Washer (WW-12)          | 1       | 8042 6002 00 00 |
| 7   | Washer (11.6×19.2×1)         | 1       | 8040 6036 00 00 |

☆marked parts ; one of them is used.

※1 Please replace the Motor Case(A) and the Motor Case(B) as a unit.

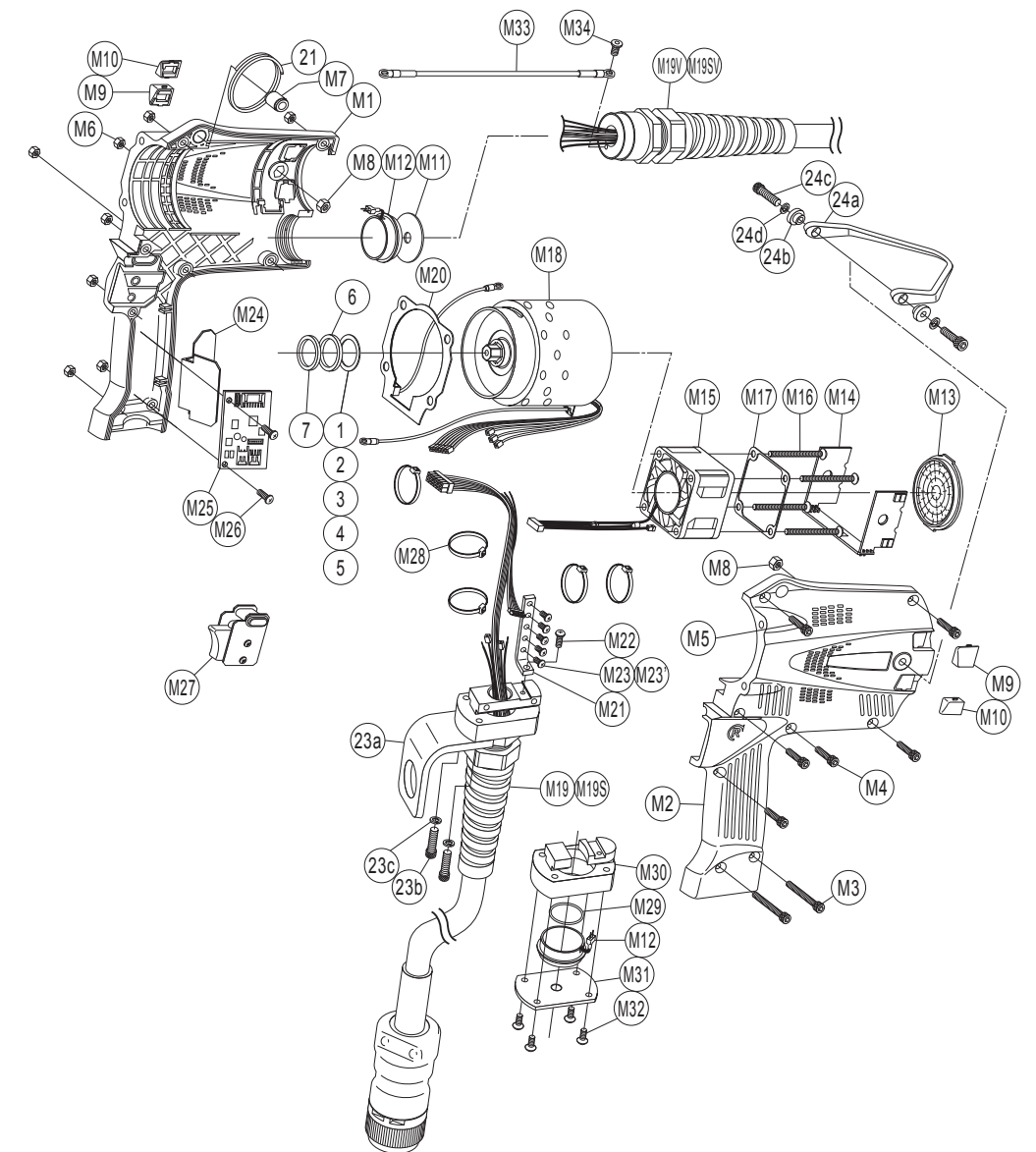
| No.                             | Name of Parts                       | Per Set | Parts No.       |
|---------------------------------|-------------------------------------|---------|-----------------|
| Parts for e-M1100-V             |                                     |         |                 |
| MV                              | Motor Case Assy. (Rear Cable)       | 1set    | 0378 0011 04 98 |
| M23'                            | Screw (M3×8)                        | 5       | 9410 2044 00 00 |
| M29                             | O-Ring (0.8×22×23.6)                | 1       | 9010 6040 00 00 |
| M30                             | Buzzer Holder                       | 1       | 0368 0333 01 00 |
| M31                             | Cover Plate (C)                     | 1       | 0368 0014 00 03 |
| M32                             | Screw (M3×8)                        | 4       | 9440 2029 00 00 |
| M19V                            | Cable (B) Assy. (Rear 2m)           | 1set    | 0368 0902 02 98 |
| M33                             | Harness                             | 1       | 0368 0208 00 00 |
| M34                             | Hex. Socket Screw (M3×6)            | 1       | 8070 3154 00 00 |
| Parts for e-M1100-S             |                                     |         |                 |
| MS                              | Motor Case Assy. (Short Cable)      | 1set    | 0378 0011 04 97 |
| M19S                            | Cable (C) Assy. (0.3m)              | 1set    | 0368 0902 02 97 |
| Parts for e-M1100-SV            |                                     |         |                 |
| MSV                             | Motor Case Assy. (Rear Short Cable) | 1set    | 0378 0011 04 96 |
| M23'                            | Screw (M3×8)                        | 5       | 9410 2044 00 00 |
| M29                             | O-Ring (0.8×22×23.6)                | 1       | 9010 6040 00 00 |
| M30                             | Buzzer Holder                       | 1       | 0368 0333 01 00 |
| M31                             | Cover Plate (C)                     | 1       | 0368 0014 00 03 |
| M32                             | Screw (M3×8)                        | 4       | 9440 2029 00 00 |
| M19SV                           | Cable (D) Assy. (Rear 0.3m)         | 1set    | 0368 0902 02 96 |
| M33                             | Harness                             | 1       | 0368 0208 00 00 |
| M34                             | Hex. Socket Screw (M3×6)            | 1       | 8070 3154 00 00 |
| Standard Accessories of -V Type |                                     |         |                 |
|                                 | Hanger(C)CP                         | 1set    | 0368 0017 00 97 |
|                                 | Hanger(C)CP1                        | 1set    | 0368 0017 00 69 |
|                                 | Hanger(C)                           | 1       | 0368 0017 00 03 |
|                                 | Hanger Ring                         | 1       | 0217 0018 00 00 |
|                                 | Bushing(C)                          | 2       | 0368 0728 00 03 |
|                                 | Hexagon Socket Bolt (M4×18)         | 4       | 8070 3095 00 00 |
|                                 | Spring Washer (M4)                  | 4       | 9200 1004 00 00 |
| 22'                             | Protector(B)                        | 1       | 0378 0029 00 02 |
| Optional Accessories            |                                     |         |                 |
| 23                              | Hanger (A) Assy.                    | 1set    | 0368 0017 00 99 |
|                                 | (a) Hanger (A)                      | 1       | 0368 0017 00 01 |
|                                 | (b) Hexagon Socket Bolt (M4×12)     | 2       | 8070 3059 00 00 |
|                                 | (c) Spring Washer (M4)              | 2       | 9200 1004 00 00 |
| 24                              | Hanger (B) Assy.                    | 1set    | 0368 0017 01 98 |
|                                 | (a) Hanger (B)                      | 1       | 0368 0017 00 02 |
|                                 | (b) Bushing (B)                     | 2       | 0368 0728 01 02 |
|                                 | (c) Hexagon Socket Bolt (M4×20×16)  | 2       | 8070 3010 00 00 |
|                                 | (d) Spring Washer (M4)              | 2       | 9200 1004 00 00 |



## Electric system wrench with built-in angle sensor

| MODELS (YES.No.) | TOOL No.       | MODELS (YES.No.) | TOOL No.       |
|------------------|----------------|------------------|----------------|
| e-M1100 (04)     | 0378 0000 0400 | e-M1100-S (04)   | 0378 0000 0421 |
| e-M1100-V (04)   | 0378 0000 0416 | e-M1100-SV (04)  | 0378 0000 0422 |

## Exploded View of Motor Case



**YOKOTA INDUSTRIAL CO.,LTD.**



## Electric system wrench with built-in angle sensor

### ■Parts for Liner Case

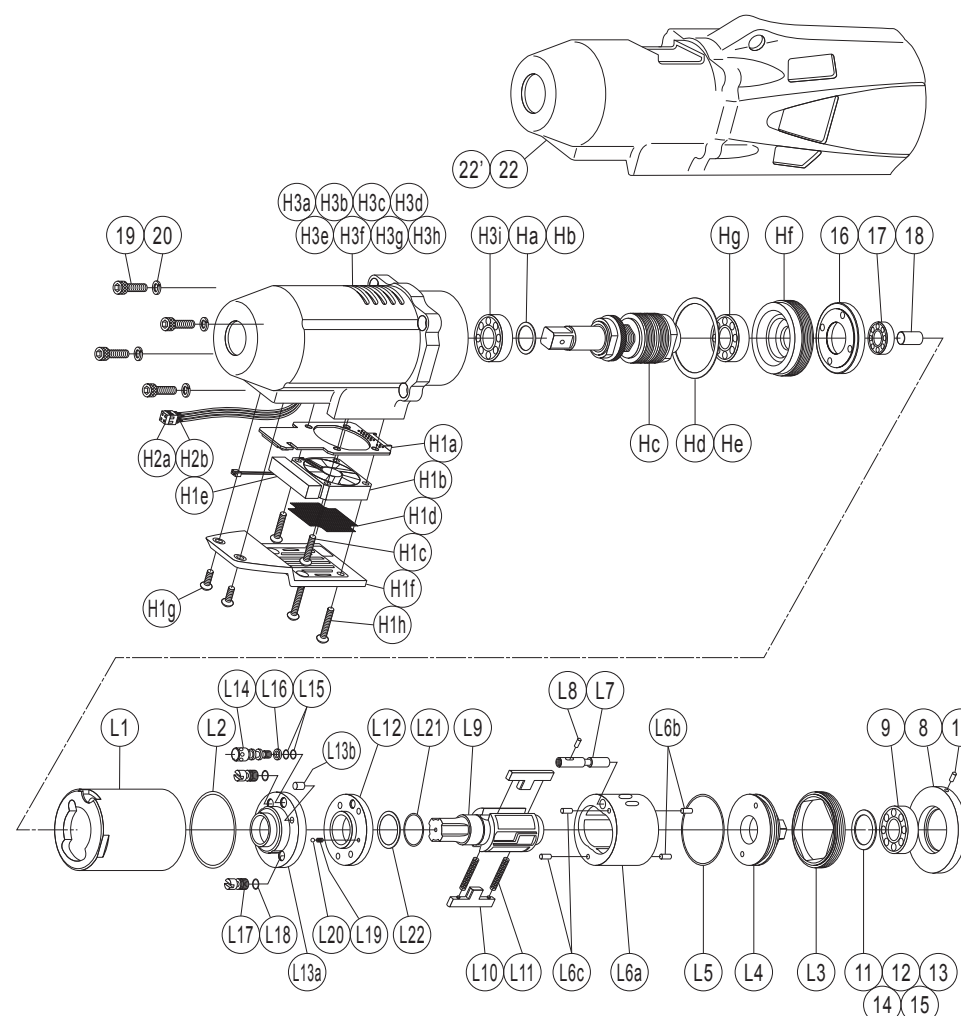
| No.  | Name of Parts               | Per Set | Parts No.       |
|------|-----------------------------|---------|-----------------|
| L    | Liner Case Assy.            | 1set    | 0378 0422 01 99 |
| L1   | Liner Case                  | 1       | 0366 0422 00 00 |
| L2   | O-Ring (1.5×38×41)          | 1       | 9010 6041 00 00 |
| L3   | Liner Cap                   | 1       | 0378 0423 00 00 |
| L4   | Liner Upper Plate           | 1       | 0378 0424 01 00 |
| L5   | O-Ring (1.78×34.65×38.21)   | 1       | 9010 6069 00 00 |
| L6   | Liner Assy.                 | 1set    | 0366 0425 00 99 |
|      | (a) Liner                   | 1       | ※ ↑             |
|      | (b) Pin (3×5)               | 2       | 8052 1031 00 00 |
|      | (c) Pin (3×9)               | 2       | 8052 1052 00 00 |
| L7   | Relief Valve                | 1       | 0187 0245 00 00 |
| L8   | Pin (2×4)                   | 1       | 8051 1035 00 00 |
| L9   | Liner Shaft                 | 1       | 0378 0796 00 00 |
| L10  | Blade                       | 2       | 0187 0719 00 00 |
| L11  | Spring (3.65×30.5)          | 2       | 8020 1400 00 00 |
| L12  | Liner Lower Plate (A)       | 1       | 0378 0426 00 01 |
| L13  | Liner Lower Plate (B) Assy. | 1set    | 0378 0426 00 99 |
|      | (a) Liner Lower Plate (B)   | 1       | ※ ↑             |
|      | (b) Pin (3×5)               | 1       | 8052 1031 00 00 |
| L14  | Adjust Bolt                 | 1       | 0366 0522 00 00 |
| L15  | O-Ring (N2)                 | 2       | 9010 4001 00 00 |
| L16  | Back-up Ring (N2)           | 1       | 9090 2001 00 00 |
| L17  | Oil Plug                    | 2       | 0181 0010 00 00 |
| L18  | O-Ring (N2)                 | 2       | 9010 4001 00 00 |
| L19  | Spring (1.9×2.5)            | 1       | 8020 1365 00 00 |
| L20  | Ball (2mm)                  | 1       | 9150 1001 00 00 |
| L21  | O-Ring (P16)                | 1       | 9010 1047 00 00 |
| L22  | Back-up Ring (16×19.8×1)    | 1       | 9090 1029 00 00 |
| 8    | Upper Plate Spacer          | 1       | 0378 0301 01 00 |
| 9    | Ball Bearing (6903ZZ)       | 1       | 9100 5025 00 00 |
| 10   | Pin FF (2×4.8)              | 1       | 8051 1037 00 00 |
| ★ 11 | ST-Packing (17.5×21.5×0.1)  | 1       | 8011 1083 00 00 |
| ★ 12 | ST-Packing (17.5×21.5×0.2)  | 1       | 8011 1062 00 00 |
| ★ 13 | ST-Packing (17.5×21.5×0.3)  | 1       | 8011 1063 00 00 |
| ★ 14 | ST-Packing (17.5×21.5×0.4)  | 1       | 8011 1159 00 00 |
| ★ 15 | ST-Packing (17.5×21.5×0.5)  | 1       | 8011 1064 00 00 |
| 16   | Lower Plate Spacer          | 1       | 0378 0311 00 00 |
| 17   | Ball Bearing (6703)         | 1       | 9100 1081 00 00 |
| 18   | Pin (9.5×12.7)              | 1       | 8051 1331 00 00 |

The part “※” can not be supplied individually.  
So please order it as a unit of assembly shown by  
arrow mark (↑).

☆marked parts ; one of them is used.

| MODELS (YES.No.) | TOOL No.       | MODELS (YES.No.) | TOOL No.       |
|------------------|----------------|------------------|----------------|
| e-M1100 (04)     | 0378 0000 0400 | e-M1100-S (04)   | 0378 0000 0421 |
| e-M1100-V (04)   | 0378 0000 0416 | e-M1100-SV (04)  | 0378 0000 0422 |

### ■Exploded View of Liner Case and Hammer Case



### ■Parts for Hammer Case

| No.                  | Name of Parts                           | Per Set | Parts No.       |
|----------------------|-----------------------------------------|---------|-----------------|
| H                    | Hammer Case Assy.                       | 1set    | 0378 0401 00 99 |
| H1                   | Hammer Case (1) Assy.                   | 1set    | 0378 0401 00 69 |
| H2                   | Hammer Case (2) Assy.                   | 1set    | 0378 0401 00 68 |
| H3                   | Hammer Case (3) Assy.                   | 1set    | 0378 0401 00 67 |
|                      | (a) Hammer Case                         | 1       | ※ ↑             |
|                      | (b) Core (A) Assy.                      | 1set    | ※ ↑             |
|                      | (c) Core (C)                            | 2       | ※ ↑             |
|                      | (d) Spacer (A)                          | 1       | ※ ↑             |
|                      | (e) Core (D) Assy.                      | 1set    | ※ ↑             |
|                      | (f) Set Screw (M4×5)                    | 1       | ※ ↑             |
|                      | (g) Sensor Base                         | 1       | ※ ↑             |
|                      | (h) MR Sensor Circuit Board Assy.       | 1set    | ※ ↑             |
|                      | (i) Ball Bearing (6903ZZ)               | 1       | 9100 5025 00 00 |
|                      | (a) Housing (DF11-4DS-2C)               | 1       | 8470 4004 00 00 |
|                      | (b) Contact (DF11-2428SC)               | 4       | 8480 2001 00 00 |
|                      | (a) Printed Circuit Board Assy. (Angle) | 1set    | ※ ↑             |
|                      | (b) Fan (B) Assy.                       | 1set    | 0368 1556 00 98 |
| ※2                   | (c) Screw (M3×15)                       | 2       | 9410 2047 00 00 |
|                      | (d) Mesh Cover (B)                      | 1       | 0368 1604 00 02 |
| ※2                   | (e) Dust Cover                          | 1       | 0378 1193 00 00 |
|                      | (f) Cover Plate (B)                     | 1       | 0378 0014 00 02 |
|                      | (g) Screw (M3×8)                        | 2       | 9440 2029 00 00 |
|                      | (h) Screw (M3×18)                       | 2       | 9440 2030 00 00 |
| ★                    | (a) ST-Packing (17.5×21.5×0.1)          | 1       | 8011 1083 00 00 |
| ★                    | (b) ST-Packing (17.5×21.5×0.2)          | 1       | 8011 1062 00 00 |
|                      | (c) Main Shaft Assy.                    | 1set    | 0367 0614 01 99 |
| ☆                    | (d) C-Packing (37×40.3×0.1)             | 1       | 8010 1293 00 00 |
| ☆                    | (e) C-Packing (37×40.3×0.2)             | 1       | 8010 1294 00 00 |
|                      | (f) Bearing Case                        | 1       | 0378 0650 00 00 |
|                      | (g) Ball Bearing (6803ZZ)               | 1       | 9100 5027 00 00 |
| 19                   | Hexagon Socket Bolt (M4×12)             | 4       | 8070 3059 00 00 |
| 20                   | Spring Washer (M4)                      | 4       | 9200 3012 00 00 |
| Standard Accessories |                                         |         |                 |
| 21                   | Hanger Ring                             | 1       | 0217 0018 00 00 |
| 22                   | Protector(A)                            | 1       | 0378 0029 00 01 |

The part “※” can not be supplied individually.  
So please order it as a unit of assembly shown by  
arrow mark (↑).

★Marked parts may not be used, in some case.

☆marked parts ; one of them is used.

※2 Please replace the Mesh Cover(B) and the Cover Plate(B) as  
a unit.

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