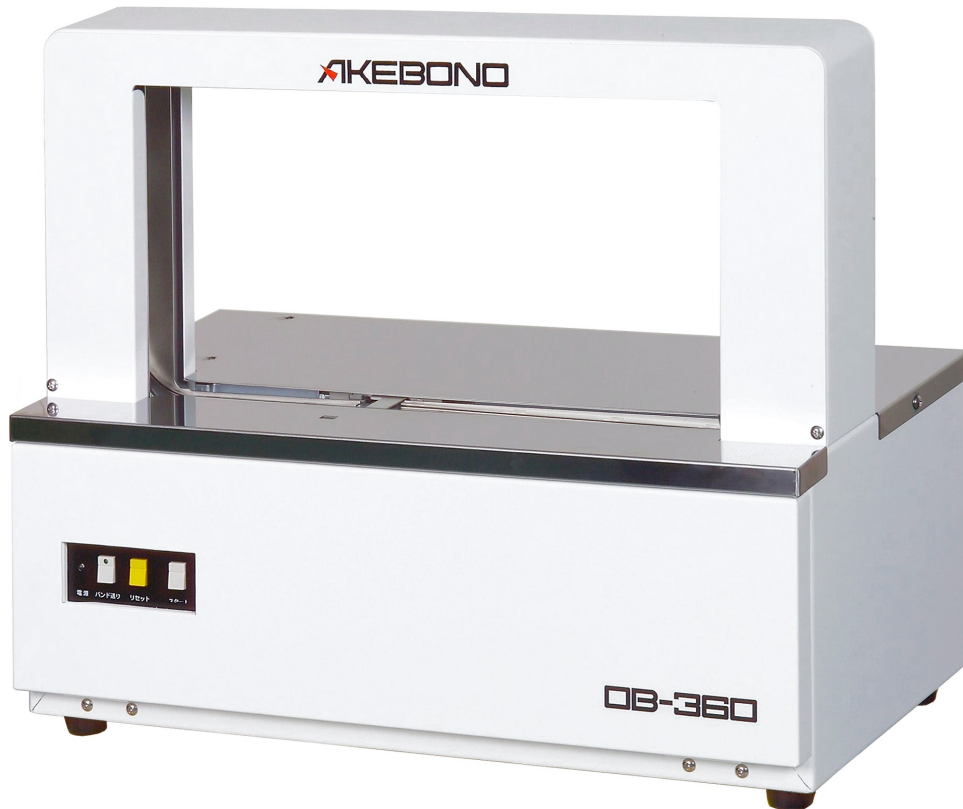


# **AKEBONO**

## **OB-360**



**Automatic Strapping Machine**

**Spare Parts**

## 11. PARTS LISTS

### ■ Mechanical parts

| Code NO. | Part No.  | Name of Part      | Q'ty |  |
|----------|-----------|-------------------|------|--|
| 1        | ND03X101A | Cam Bracket (R)   | 1    |  |
| 2        | ND03X102A | Cam Bracket (L)   | 1    |  |
| 3        | ND03Y103A | Plunger Block     | 1    |  |
| 4        | ND03Y104A | Motor Bracket     | 1    |  |
| 5        | ND4SZ474A | Guide Block       | 1    |  |
| 6        | ND03Z106B | Guide Block (A)   | 1    |  |
| 7        | ND03Z107B | Guide Block (B)   | 1    |  |
| 8        | ND03Z108A | Shaft             | 1    |  |
| 11       | ND03Z109A | Cam Shaft         | 1    |  |
| 12       | ND03Z110A | Opener Cam        | 1    |  |
| 13       | ND03Z111A | Separator Cam     | 1    |  |
| 14       | ND03Z112A | Rear Grip Cam     | 1    |  |
| 15       | ND03Z113A | Slide Table Cam   | 1    |  |
| 16       | ND03Z114A | Press Cam         | 1    |  |
| 17       | ND03Z115A | Pressure Cam      | 1    |  |
| 18       | ND03Z116A | Front Grip Cam    | 1    |  |
| 19       | ND03Z117A | LS-3 Cam          | 1    |  |
| 20       | ND03Z118A | LS-4 Cam          | 1    |  |
| 21       | OB300111  | Collar (A)        | 1    |  |
| 22       | OB300112  | Collar (B)        | 1    |  |
| 23       | ND03Z119A | Collar (C)        | 1    |  |
| 24       | ND03Z120A | Collar (D)        | 6    |  |
| 25       | 7503-A    | Washer            | 1    |  |
| 26       | ND03Z121A | LS Mounting Plate | 1    |  |
| 29       | 50208     | Return Spring     | 3    |  |
| 30       | 7212      | Spring Hook       | 3    |  |
| 31       | ND1SE092A | Spring Hook       | 1    |  |
| 33       | ND03Z201A | Front Gripper     | 1    |  |
| 34       | ND03Z202A | Rear Gripper      | 1    |  |
| 35       | ND03Z203A | Head Plunger (A)  | 2    |  |
| 36       | ND03Z204A | Head Plunger (B)  | 1    |  |
| 37       | ND03Z205A | Grip bar          | 3    |  |

| Code NO. | Part No.   | Name of Part             | Q'ty |  |
|----------|------------|--------------------------|------|--|
| 39       | ND03Z206A  | Plunger Spring (D)       | 3    |  |
| 40       | ND03Z207A  | Press Head               | 1    |  |
| 42       | ND03Y301A  | Slide Table              | 1    |  |
| 43       | ND03Z318A  | Separator                | 1    |  |
| 44       | ND03Z303A  | Center Guide             | 1    |  |
| 45       | ND03Z319A  | Center Guide Plate       | 1    |  |
| 46       | ND03Z305A  | Separator Hook           | 1    |  |
| 47       | ND03Z306A  | Table Hook               | 1    |  |
| 48       | ND03Z307A  | Switch Lever             | 1    |  |
| 49       | ND03Z308A  | Sensor Bracket           | 1    |  |
| 51       | 12309-A    | Return Spring            | 1    |  |
| 52       | 7346       | Switch Lever Fulcrum pin | 1    |  |
| 53       | ND03Z309A  | Base Guide (A)           | 1    |  |
| 54       | ND03Z310A  | Base Guide (B)           | 1    |  |
| 56       | ND03Z311A  | Table Arm                | 1    |  |
| 57       | ND03Z312A  | Link                     | 1    |  |
| 58       | ND03Z313A  | Link Pin                 | 2    |  |
| 59       | ND03Z314A  | Separator Arm (A)        | 1    |  |
| 60       | ND03Z315A  | Separator Arm (B)        | 1    |  |
| 61       | ND03Z316A  | Fulcrum Shaft            | 1    |  |
| 63       | ND03Z317A  | Table Receiver (B)       | 1    |  |
| 64       | ND02Z303A  | Bracket                  | 2    |  |
| 65       | OB300316-B | Spring                   | 2    |  |
| 67       | ND03Y401A  | Heater Plate             | 1    |  |
| 68       | ND03Z402B  | Insulating Plate (A)     | 1    |  |
| 69       | ND03Z403A  | Insulating Plate (B)     | 1    |  |
| 70       | ND03Z404A  | Insulating Plate (C)     | 1    |  |
| 71       | ND03Z405A  | Bush                     | 2    |  |
| 72       | ND03Z406A  | Press Head Support       | 1    |  |
| 73       | ND03Z407A  | Carbon Ribbon Line A     | 1    |  |
| 74       | ND03Z408A  | Carbon Ribbon Line B     | 1    |  |
| 77       | ND03Z501A  | Pressure Spring          | 1    |  |
| 78       | ND03Z502A  | Rocker Arm Fulcrum pin   | 1    |  |

| Code NO. | Part No.  | Name of Part         | Q'ty |  |
|----------|-----------|----------------------|------|--|
| 79       | ND03Z503A | Rocker Collar        | 1    |  |
| 80       | ND03Z504A | Link (A)             | 1    |  |
| 81       | ND03Z505A | Link (B)             | 1    |  |
| 82       | ND03Z506A | Driving Roller       | 1    |  |
| 83       | ND03Y507A | Rocker Arm (A)       | 1    |  |
| 84       | ND03Z508A | Rocker Arm (B)       | 1    |  |
| 85       | ND03Z509A | Rocker Shaft (A)     | 1    |  |
| 86       | ND03Z510A | Adjusting Knob       | 1    |  |
| 87       | ND03Z511A | Bracket              | 1    |  |
| 88       | ND03Z512A | Spring Post          | 1    |  |
| 89       | OB300508  | Pressure Arm         | 1    |  |
| 90       | ND03Z513A | Spring Hook          | 1    |  |
| 91       | ND03Z514A | Spring               | 1    |  |
| 92       | ND03Z515A | Spring Hook          | 1    |  |
| 93       | 22423     | Spring               | 3    |  |
| 94       | ND2SE050A | Spring Hook          | 1    |  |
| 97       | ND03Y601A | Arch                 | 1    |  |
| 98       | ND03Y602A | Arch Cover           | 2    |  |
| 100      | ND03Y604A | Right Side Guide (R) | 1    |  |
| 102      | ND03Y606A | Left Side Guide (R)  | 1    |  |
| 104      | ND03Y607A | Inlet Guide (A)      | 1    |  |
| 105      | ND4SY475A | Inlet Guide (B)      | 1    |  |
| 106      | ND4SY476A | Guide Cover          | 1    |  |
| 107      | ND03Z610A | Under Cover          | 1    |  |
| 108      | ND03Z611A | Guide Roller         | 1    |  |
| 110      | ND03W612A | Tape Guide (F1)      | 1    |  |
| 111      | ND03W613A | Tape Guide (R1)      | 1    |  |
| 116      | ND03Z618A | Opener bar           | 2    |  |
| 117      | ND03Z619A | Cushion Rubber       | (10) |  |
| 118      | TPF6-141  | Guide Spring         | 2    |  |
| 120      | ND03Y620A | Rail Block           | 1    |  |
| 121      | ND03Z621A | Opener Shaft         | 1    |  |

| Code NO. | Part No.  | Name of Part       | Q'ty |  |
|----------|-----------|--------------------|------|--|
| 122      | ND03Z622A | Opener Block (A)   | 1    |  |
| 123      | ND03Z623A | Opener Block (B)   | 1    |  |
| 124      | ND03Z624A | Wire Hook          | 1    |  |
| 125      | ND03Z625A | Plate nut          | 4    |  |
| 126      | ND03Z626A | Spacer             | 2    |  |
| 129      | ND03Z627A | Opener Arm         | 1    |  |
| 130      | ND03Z628A | Opener Shaft       | 1    |  |
| 133      | ND03Z629A | Roller Bracket (A) | 1    |  |
| 134      | ND03Y630A | Roller Bracket (B) | 1    |  |
| 135      | ND03Z631A | Corner Bracket     | 1    |  |
| 136      | ND01E613A | Roller             | 5    |  |
| 137      | 12622     | Pin                | 3    |  |
| 138      | ND03Z632A | Roller Pin         | 2    |  |
| 140      | ND03Y633A | Tape Rail (R)      | 1    |  |
| 141      | ND03Z634A | Tape Rail (L)      | 1    |  |
| 142      | ND03Y635A | Side Guide (R)     | 1    |  |
| 143      | ND03Y636A | Side Guide (L)     | 1    |  |
| 144      | ND03Y637A | Top Guide          | 1    |  |
| 146      | ND03Y638A | Rail Bracket (B)   | 1    |  |
| 147      | ND03Z639A | Corner Block       | 1    |  |
| 148      | ND03Z640A | Corner Shaft       | 1    |  |
| 150      | ND03Z641A | Opener Link        | 8    |  |
| 151      | ND03Z642A | Pin                | 8    |  |
| 152      | ND03Z643A | Slide Base (B)     | 2    |  |
| 153      | ND03Z644A | Wire Hook          | 4    |  |
| 154      | ND03Z645A | Wire Rope (A)      | 1    |  |
| 155      | ND03Z646A | Wire Rope (B)      | 1    |  |
| 156      | ND03Z647A | Wire Rope (C)      | 1    |  |
| 158      | ND03Z648A | Stopper            | 1    |  |
| 159      | ND03Z649A | Cushion Rubber(A)  | 1    |  |
| 161      | ND03Z650A | Brush              | 1    |  |

| Code NO. | Part No.   | Name of Part              | Q'ty |  |
|----------|------------|---------------------------|------|--|
| 162      | ND03Z651A  | Brush                     | 3    |  |
| 164      | ND03W701C  | Body Frame                | 1    |  |
| 165      | ND03Y702A  | Top Table (Front)         | 1    |  |
| 166      | ND03Y703A  | Top Table (Rear)          | 1    |  |
| 167      | ND03Y704A  | Front Door                | 1    |  |
| 168      | ND03Y705A  | Rear Cover                | 1    |  |
| 169      | ND3SX856A  | Switch Panel              | 1    |  |
| 170      | ND03Z707A  | Cover                     | 1    |  |
| 171      | ND03Z708B  | S.S Mounting Plate        | 1    |  |
| 172      | OB300712   | Vinyl Cover               | 1    |  |
| 174      | ND03Y801A  | Reel Cover                | 1    |  |
| 175      | ND03Y802A  | Tape Guide (B)            | 1    |  |
| 176      | OB300803-A | Paper Core Holder         | 1    |  |
| 177      | OB300804-A | Holder Pin                | 1    |  |
| 178      | OB300805   | Leaf Spring               | 1    |  |
| 179      | OB300806   | Plate                     | 2    |  |
| 181      | ND03Y901A  | Board Mounting Plate      | 1    |  |
| 183      | K-0100S    | Earth Name Plate          | 1    |  |
| 184      | ND3SZ857A  | Heater Control Name Plate | 1    |  |
| 185      | ND03Z910A  | Name Plate (1•2•3)        | 1    |  |
| 189      | ND3SZ931A  | Power Cord                | 1    |  |
| 201      | ND03Z652A  | Tape Stopper A            | 2    |  |
| 202      | ND03Z653A  | Tape Stopper B            | 2    |  |
| 203      | ND03Z516A  | Spring (B)                | 1    |  |
| 205      | ND03Y655A  | Front Guide               | 1    |  |
| 206      | ND03Z122A  | Plate                     | 1    |  |
| 207      | ND03Z709A  | Plate                     | 1    |  |
| 208      | ND03Z911A  | Fan Motor                 | 1    |  |

■ Items on the general market

| Code NO. | Part No.                | Name of Part   | Q'ty |  |
|----------|-------------------------|----------------|------|--|
| 251      | SA-10 NG-F              | Grommet        | 3    |  |
| 252      | SA-9 RK-34              | Rubber Leg     | 4    |  |
| 253      | SP-15E A-1 (4×8×88)     | Rubber Magnet  | 1    |  |
| 254      | YS-002                  | Magnet Catch   | 2    |  |
| 256      | MGA828ZZ                | Bearing        | 2    |  |
| 258      | LFTM6-UU                | Linear Bearing | 4    |  |
| 260      | R-MLCF1006              | Bush           | 2    |  |
| 262      | TM-232-1 (2pcs.per Set) | Slide Rail     | 1set |  |
| 264      | FA-1212C1-C-MZ1         | Soft Absorber  | 2    |  |
| 269      | 6003ZZNR                | Bearing        | 1    |  |
| 270      | 624ZZ                   | Bearing        | 3    |  |
| 271      | 634ZZ                   | Bearing        | 4    |  |
| 272      | 696ZZ                   | Bearing        | 2    |  |
| 274      | KF-5×5×85(WR)           | Key            | 1    |  |
| 276      | PR-4×10                 | Spring Pin     | 5    |  |
| 278      | PR-6×15                 | Spring Pin     | 1    |  |
| 280      | E-3                     | Snap Ring      | 1    |  |
| 281      | E-8                     | Snap Ring      | 5    |  |
| 285      | GS-6                    | Grip Ring      | 2    |  |
| 287      | PM-4                    | Pin            | 4    |  |
| 294      | ND03Z656A               | Washer         | 2    |  |
| 295      | SSWA13-4.0              | Washer         | 1    |  |
| 296      | SBD-O3-10               | Hex. Spacer    | 4    |  |

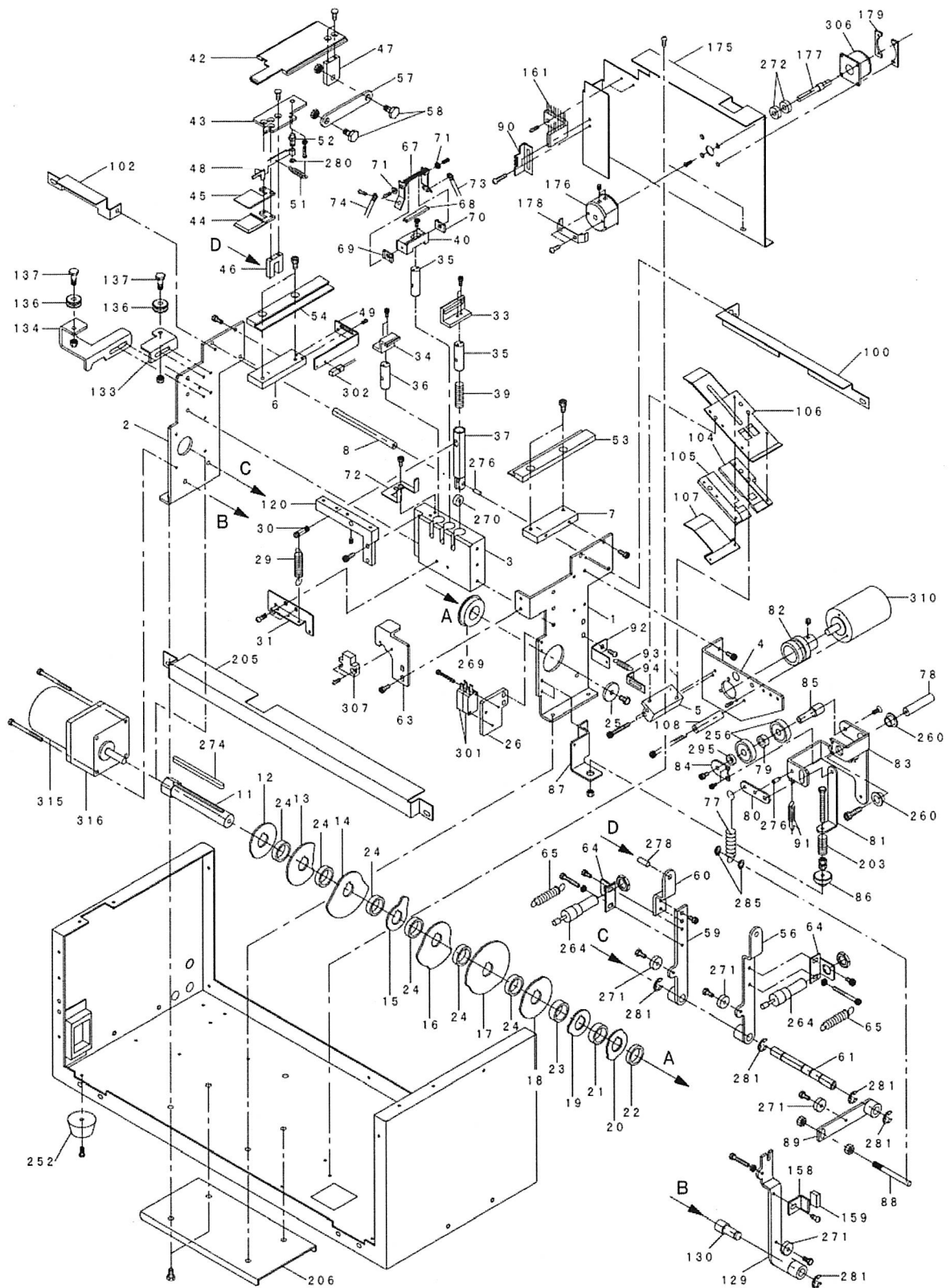
■ Electrical Parts, Etc.

| Code NO. | Part No.                    | Name of Part       | Q'ty |         |
|----------|-----------------------------|--------------------|------|---------|
| 301      | V-5214DK                    | Micro Switch       | 2    | LS3,LS4 |
| 302      | ND03Z903A                   | Proximity Switch   | 1    | TL1     |
| 303      | V-5216DK                    | Micro Switch       | 1    | SSW     |
| 304      | IR-11-A2-5-1R               | Circuit Protector  | 1    | SW1     |
| 306      | 112-03-11-A-133             | E.M. Brake         | 1    | MB1     |
| 307      | PM2-LH10B                   | Photo-Sensor       | 1    | PH1     |
| 308      | AQJ116V                     | S.S. Relay         | 1    | SSR     |
| 310      | HPS4-212C                   | Brushless Motor    | 1    | M2      |
| 311      | SD1039-E01                  | Control Board      | 1    | DRV1    |
| 313      | OB360-PCB(2)                | Switch Board       | 1    |         |
| 315      | S6D06-24A                   | DC Motor           | 1    | M1      |
| 316      | S6DA50B1-R23                | Gear Head          | 1    |         |
| 318      | LDA100W-24-H(200~240V)      | Power Supply       | 1    | DCPS1   |
|          | LCA100S-24-H(100~120V)      | Power Supply       | (1)  |         |
| 323      | 230-2-00615REV.1 (220~240V) | Heater Transformer | 1    | TF2     |
|          | 100-2-00618RVE.1(110~120V)  | Heater Transformer | (1)  |         |
| 325      | RV 24YN20SB103 10kΩ         | Variable Resistor  | 1    | VR7     |
| 326      | K-4071                      | Knob               | 1    |         |
| 339      | AP3222F                     | RelayDC24V         | 1    | RY1     |
| 340      | AP3822K                     | Terminal Block     | 1    |         |
| 342      | ASSYZ015A                   | Foot Switch        | 1    | FS      |
| 343      | 253M                        | Canoe Clip         | 4    |         |

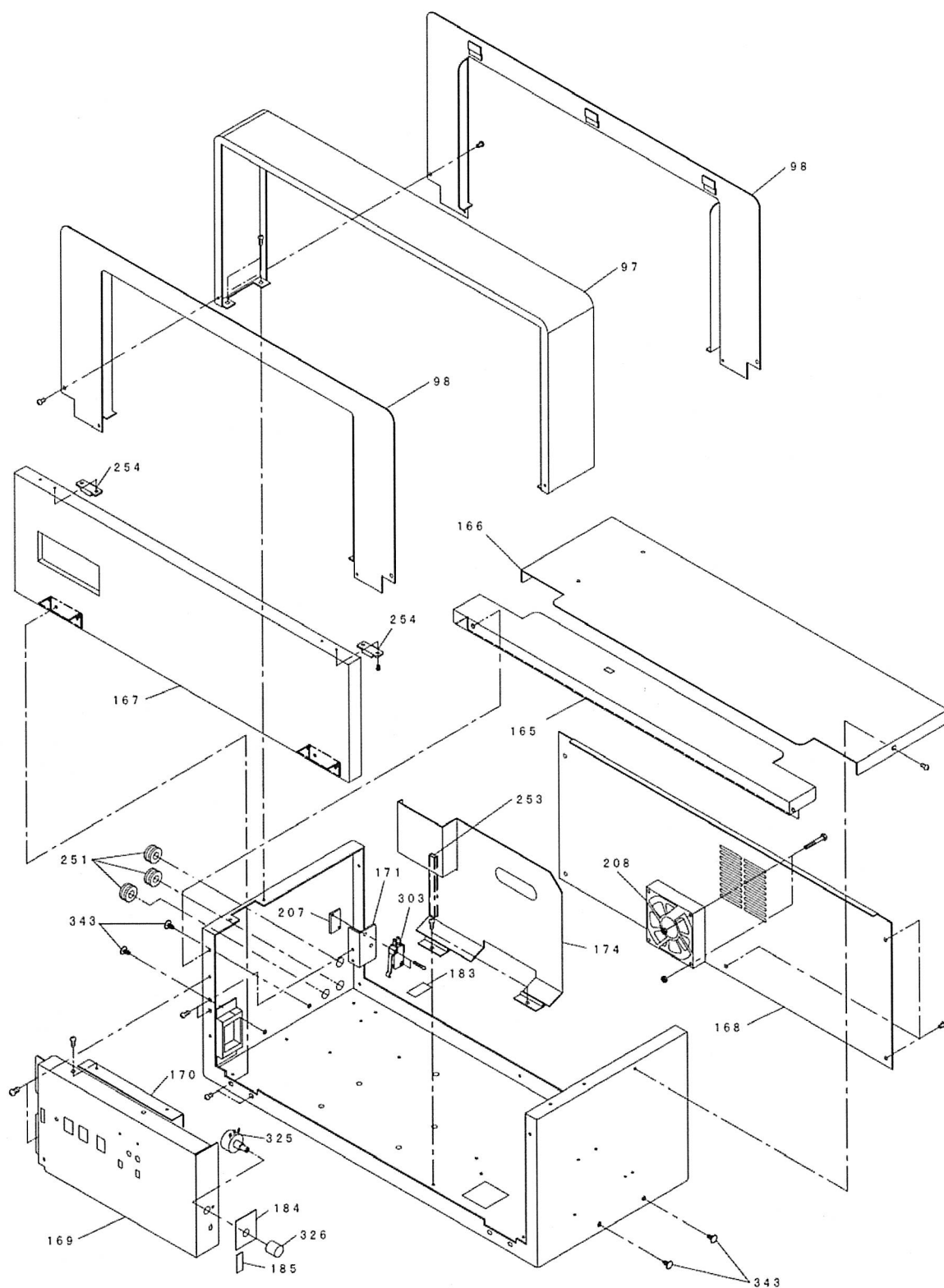


## 12. ILLUSTRATIONS

### ●Parts for engine unit



●Parts for Frame Etc.



●Parts for Electrical Controls Etc.

