

# **PARTS LIST**

## **TMEG-V**

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Part Nos. of screws, nuts, washers etc. are listed at the end of volume.

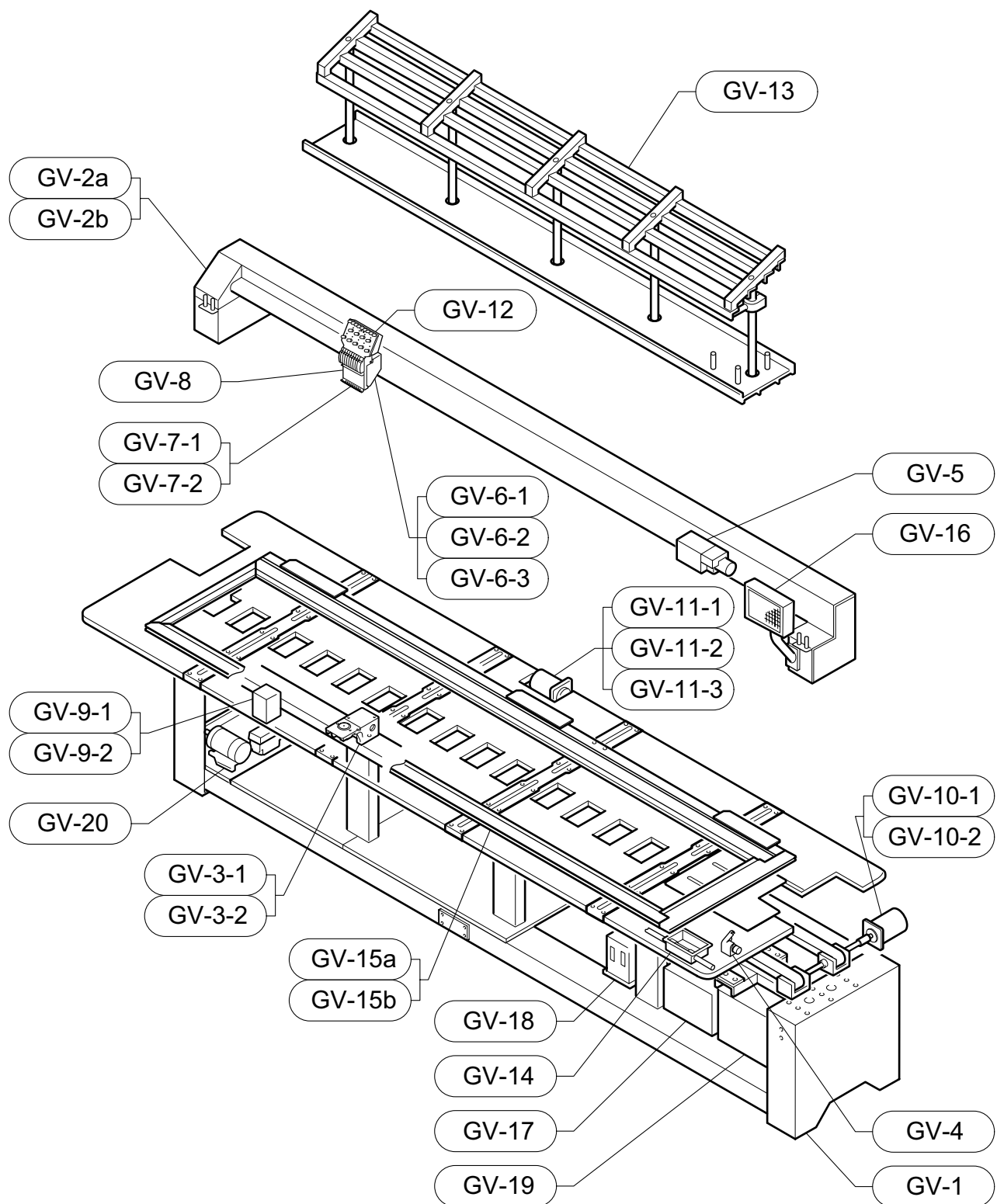
## 【 Explanation of Marks #'s and \*'s at End of Part No.】

◆ Please specify, in the following manner, your machine model, manufacturing number and embroidery space when you order us with the parts having \*\*\*\* at the end of the part No.:

|              |          |              |            |
|--------------|----------|--------------|------------|
| <b>Ex. :</b> | TMFD-612 | (450×275)S   | No.01234   |
|              | [Model]  | [Emb. Space] | [Mfg. No.] |

◆ Please specify the number of needles on your machine's head in your parts order by changing the marks #### into one of the 4-digit numbers below:

|              |                                   |
|--------------|-----------------------------------|
| <b>Ex. :</b> | The part Number, EF012345####     |
|              | 4-digit Numbers      Machine Type |
|              | 0300... 3-needle machine          |
|              | 0600... 6-needle machine          |
|              | 0900... 9-needle machine          |
|              | 1200... 12-needle machine         |





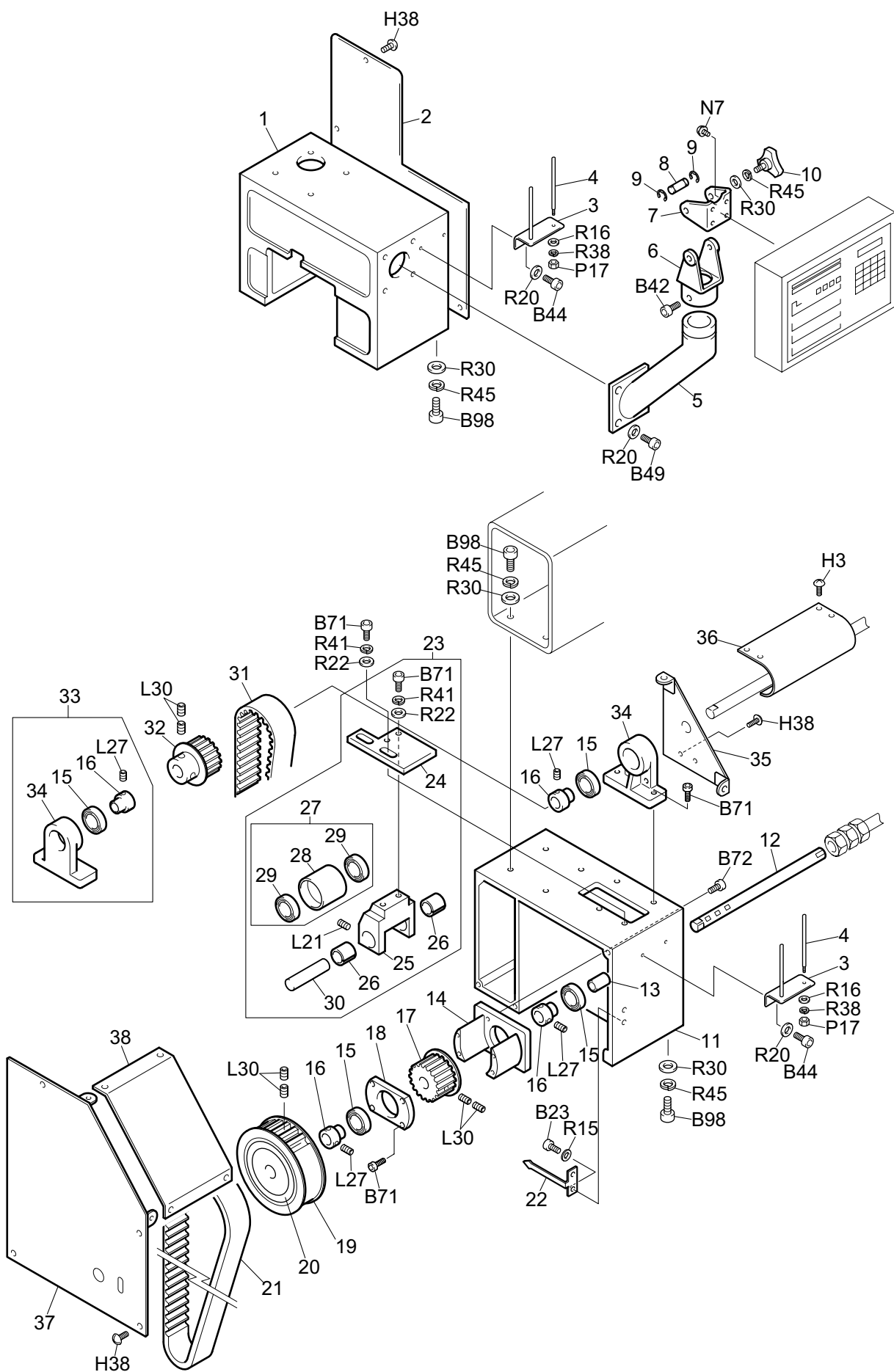
# TMEG-V FRAME ETABLE

GV-1

| Ref.No. | Description                   | Part No.     | Remark           |
|---------|-------------------------------|--------------|------------------|
| 1       | Stand                         | GX080101**** |                  |
| 2       | Adjusting Bolt                | EF0809000000 |                  |
| 3       | Vibration-preventive Base     | EF08100A0000 |                  |
| 4       | Stand Stud Bolt               | EF08080A0000 |                  |
| 5       | TAJIMA Brand Name Plate       | CT0825010000 |                  |
| 6       | Shelf Plate                   | GX081400**** |                  |
| 7       | Left Side Plate Cover         | EF08070A0000 |                  |
| 8       | No Fuse Breaker Assembly      | EG5801B10000 |                  |
| 9       | Harness Cover                 | EG58030A0000 |                  |
| 10      | No.4 Table Support            | EF1005010000 |                  |
| 11      | No.101 Table Support          | EG10010B**** |                  |
| 12      | No.102 Table Support          | EG10020B**** |                  |
| 13      | Table Support Stud            | EF1001000000 |                  |
| 14      | No.103 Table Support          | EG10030B**** |                  |
| 15      | No.105 Table Support          | EG10040B**** |                  |
| 16      | Round Head Wood Screw         |              | 5.1P*25          |
| 17      | Table Support Bracket R       | EG1005RA0000 |                  |
| 18      | Vibration-preventive Rubber A | EF0833A00000 |                  |
| 19      | Vibration-preventive Rubber B | EF0833B00000 |                  |
| 20      | Vibration-preventive Rubber C | FH0833000000 |                  |
| 21      | Table                         | MX080200**** |                  |
| 22      | No.1 Table Lid A              | MX0806A0**** | Belt Width:35mm  |
| 22      | No.1 Table Lid B              | MX0806B0**** | Belt Width:50mm  |
| 23      | Countersunk Head Wood Screw   |              | 3.1P*12, 3.1P*16 |
| 24      | No.2 Table Lid                | MX080700**** |                  |
| 24      | No.2 Table Lid                | MXG80700**** | G-Spec.M/C only  |
| 25      | Joint Cover                   | ED0815000000 |                  |
| 26      | Arm Support Square Pipe       | GX080301**** |                  |
| 27      | TC Joint 4 Card               | ED7201000000 |                  |
| 28      | TC Joint 4 Card Fixture       | ED7202010000 |                  |
| 29      | No.1 Wiring Cover             | GX0804AA**** |                  |
| 30      | No.2 Wiring Cover             | GX0804BA**** |                  |
| 31      | No.3 Wiring Cover             | GX0804CA**** |                  |
| 32      | Wiring Cover Stud             | EG0808000000 |                  |
| 33      | Fluorescent Lamp              | EG740100**** |                  |
| 34      | Fluorescent Lamp Bracket      | EG08170A0000 |                  |
| 35      | Fluorescent Lamp              | EF740100**** |                  |
| 36      | Fluorescent Lamp Stand Pipe   | EF08120A**** |                  |
| 37      | Fluorescent Lamp Pipe Support | EF0813000000 |                  |
| 38      | Fluorescent Lamp Pipe Base D  | EF0811DA0000 | L=85mm           |
| 38      | Fluorescent Lamp Pipe Base E  | EF0811EA0000 | L=165mm          |
| 39      |                               |              |                  |
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Note: As for parts with marks # or \*, please follow our instructions on Table of Contents in your parts order.

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# TMEG-V @BOX A

GV-2a

| Ref.No. | Description                           | Part No.     | Remark                   |
|---------|---------------------------------------|--------------|--------------------------|
| 1       | Right-end Box                         | MX0101010000 |                          |
| 1       | Right-end Box                         | MXZ101010000 | Z - Spec.M/C only        |
| 2       | Right-end Box Lid                     | EF01140A0000 |                          |
| 3       | Bobbin Stand Base                     | EG01060A0000 |                          |
| 4       | Bobbin Stand Stud                     | EF0122000000 |                          |
| 5       | Operation Panel Stand Pipe            | EG01020A0000 |                          |
| 6       | Operation Panel Bracket               | EG01030A0000 |                          |
| 7       | Operation Panel Attaching Arm         | EG01040A0000 |                          |
| 8       | Operation Panel Hinge Pin             | EG0105010000 |                          |
| 9       | E-ring                                | BPE900000000 |                          |
| 10      | Knobbed Bolt                          | BPM10L200000 | M10*20                   |
| 11      | Left-end Box                          | EF0102010000 |                          |
| 12      | Rotary Hook Shaft Drive Shaft         | EG0112000000 |                          |
| 13      | Shaft Cover Pipe                      | EF0102200000 |                          |
| 14      | No.1 Bearing Case A                   | EG01090A0000 |                          |
| 14      | No.1 Bearing Case A                   | EGC1090A0000 | For Jumbo Rotary Hook    |
| 15      | Ball Bearing                          | BP6004ZZ0000 |                          |
| 16      | 15mm Dia. Bearing Case Collar         | EG0111000000 |                          |
| 17      | Rotary Hook Drive Shaft Timing Pulley | EG0113000000 |                          |
| 18      | No.1 Bearing Case B                   | EG01100A0000 |                          |
| 19      | Main Shaft Pulley                     | C50101000000 |                          |
| 20      | Angle Indicator Plate                 | CX0111000000 |                          |
| 21      | Timing Belt                           | BPS5M250975G |                          |
| 22      | Angle Pointer                         | C50104000000 |                          |
| 23      | Tension Shaft Holder Set              | UN07008AEG00 |                          |
| 24      | Tension Bearing Case Base             | EG0116020000 |                          |
| 25      | Tension Shaft Holder                  | EG01150A0000 |                          |
| 26      | Tension Bearing Case Bushing          | EG0117000000 |                          |
| 27      | Tension Roller (with Bearing)         | EG0118S10000 |                          |
| 28      | Tension Roller                        | EG0118010000 |                          |
| 29      | Ball Bearing                          | BP6202ZZ0000 |                          |
| 30      | Tension Bearing Case Shaft            | EG0119000000 |                          |
| 31      | Timing Belt                           | BPS8M0600300 |                          |
| 32      | Needle Bar Drive Shaft Timing Pulley  | EG0114000000 |                          |
| 33      | No.2 Bearing Case Set                 | UN07007AEF00 |                          |
| 34      | No.2 Bearing Case                     | EF01040A0000 |                          |
| 35      | Left Cover Side Plate                 | EF01160A0000 |                          |
| 35      | Left Cover Side Plate                 | FX01100A0000 | 24 or more head machines |
| 36      | Connecting Shaft Cover                | FX08130A**** |                          |
| 37      | Left-end Box Cover A                  | C501050A0000 |                          |
| 38      | Left-end Box Cover B                  | EF0115BB0000 |                          |
| 39      |                                       |              |                          |
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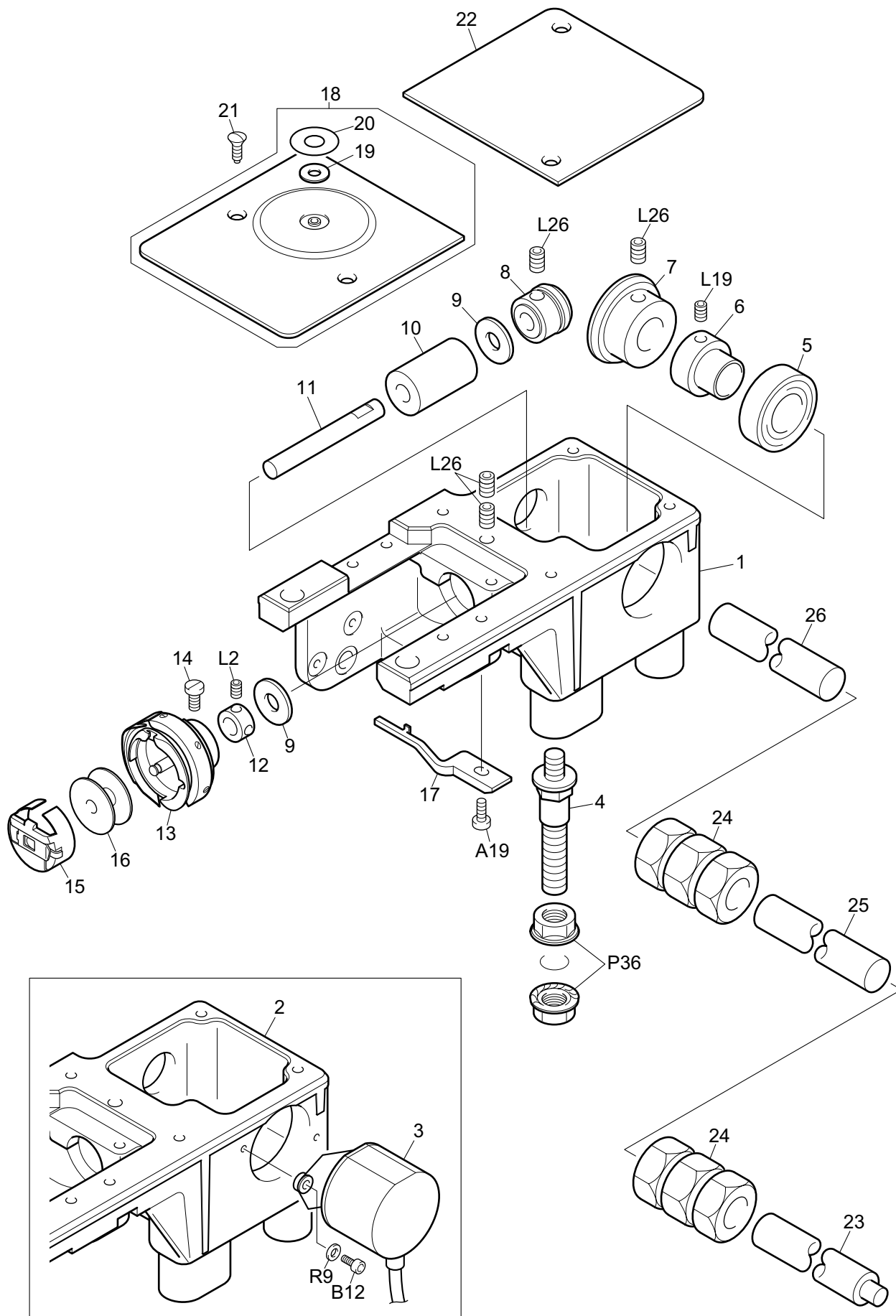
# TMEG-V @BOX B (G-SPEC.MACHINE)

GV-2b

| Ref.No. | Description                           | Part No.     | Remark                   |
|---------|---------------------------------------|--------------|--------------------------|
| 1       | Right-end Box                         | MXG101010000 |                          |
| 1       | Right-end Box                         | MXV101010000 | Z-Spec.M/C only          |
| 2       | Square Pipe Support, Front            | EGG10203**** |                          |
| 3       | Square Pipe Support, Lower            | EFG103000000 |                          |
| 4       | Right-end Box Cover                   | EFG1080A0000 |                          |
| 4       | Right-end Box Cover                   | EFG108BA0000 | For M/C 6246mm or longer |
| 5       | Square Pipe Support Cover             | EGG1090A**** |                          |
| 6       | Square Pipe Support Cover Side Plate  | EGG1100A**** |                          |
| 7       | Bobbin Stand Base                     | EG01060A0000 |                          |
| 8       | Bobbin Stand Stud                     | EF0122000000 |                          |
| 9       | Operation Panel Stand Pipe            | EG01020A0000 |                          |
| 10      | Operation Panel Bracket               | EG01030A0000 |                          |
| 11      | Operation Panel Attaching Arm         | EG01040A0000 |                          |
| 12      | Operation Panel Hinge Pin             | EG0105010000 |                          |
| 13      | E-ring                                | BPE900000000 |                          |
| 14      | Knobbed Bolt                          | BPM10L200000 | M10*20                   |
| 15      | Left-end Box                          | EFG102010000 |                          |
| 16      | Square Pipe Support, Front B          | EFG105010000 |                          |
| 17      | Rotary Hook Shaft Drive Shaft         | EGG104000000 |                          |
| 18      | Shaft Cover Pipe                      | EF0102200000 |                          |
| 19      | No.1 Bearing Case A                   | EGG1030A0000 |                          |
| 19      | No.1 Bearing Case A                   | EGH1030A0000 | For Jumbo Rotary Hook    |
| 20      | Ball Bearing                          | BP6004ZZ0000 |                          |
| 21      | No.1 Bearing Case Bearing Presser     | EGG108000000 |                          |
| 22      | 15mm Dia. Bearing Case Collar         | EF0106000000 |                          |
| 23      | Rotary Hook Drive Shaft Timing Pulley | EGG105000000 |                          |
| 24      | No.1 Bearing Case B                   | EG01100A0000 |                          |
| 25      | 15mm Dia. Bearing Case Collar         | EG0111000000 |                          |
| 26      | Main Shaft Pulley                     | C50101000000 |                          |
| 27      | Angle Indicator Plate                 | CX0111000000 |                          |
| 28      | Timing Belt                           | BPS5M250975G |                          |
| 29      | Angle Pointer                         | C50104000000 |                          |
| 30      | Tension Shaft Holder Set              | UN07008AEG00 |                          |
| 31      | Tension Bearing Case Base             | EG0116020000 |                          |
| 32      | Tension Shaft Holder                  | EG01150A0000 |                          |
| 33      | Tension Bearing Case Bushing          | EG0117000000 |                          |
| 34      | Tension Roller (with Bearing)         | EG0118S10000 |                          |
| 35      | Tension Roller                        | EG0118010000 |                          |
| 36      | Ball Bearing                          | BP6202ZZ0000 |                          |
| 37      | Tension Bearing Case Shaft            | EG0119000000 |                          |
| 38      | Timing Belt                           | BPS8M0600400 |                          |
| 39      | Needle Bar Drive Shaft Timing Pulley  | EGG106000000 |                          |
| 40      | No.2 Bearing Case Set                 | UN07007AEF00 |                          |
| 41      | No.2 Bearing Case                     | EF01040A0000 |                          |
| 42      | Cover Bracket                         | EFG1120A0000 |                          |
| 43      | Connecting Shaft Cover                | FX08130A**** |                          |
| 44      | Left-end Box Cover                    | C501060A0000 |                          |
| 44      | Left-end Box Cover B                  | C501070A0000 | For M/C 6246mm or longer |
| 45      | No.2 Bearing Case B Cover             | EFG11000A000 |                          |
| 46      |                                       |              |                          |

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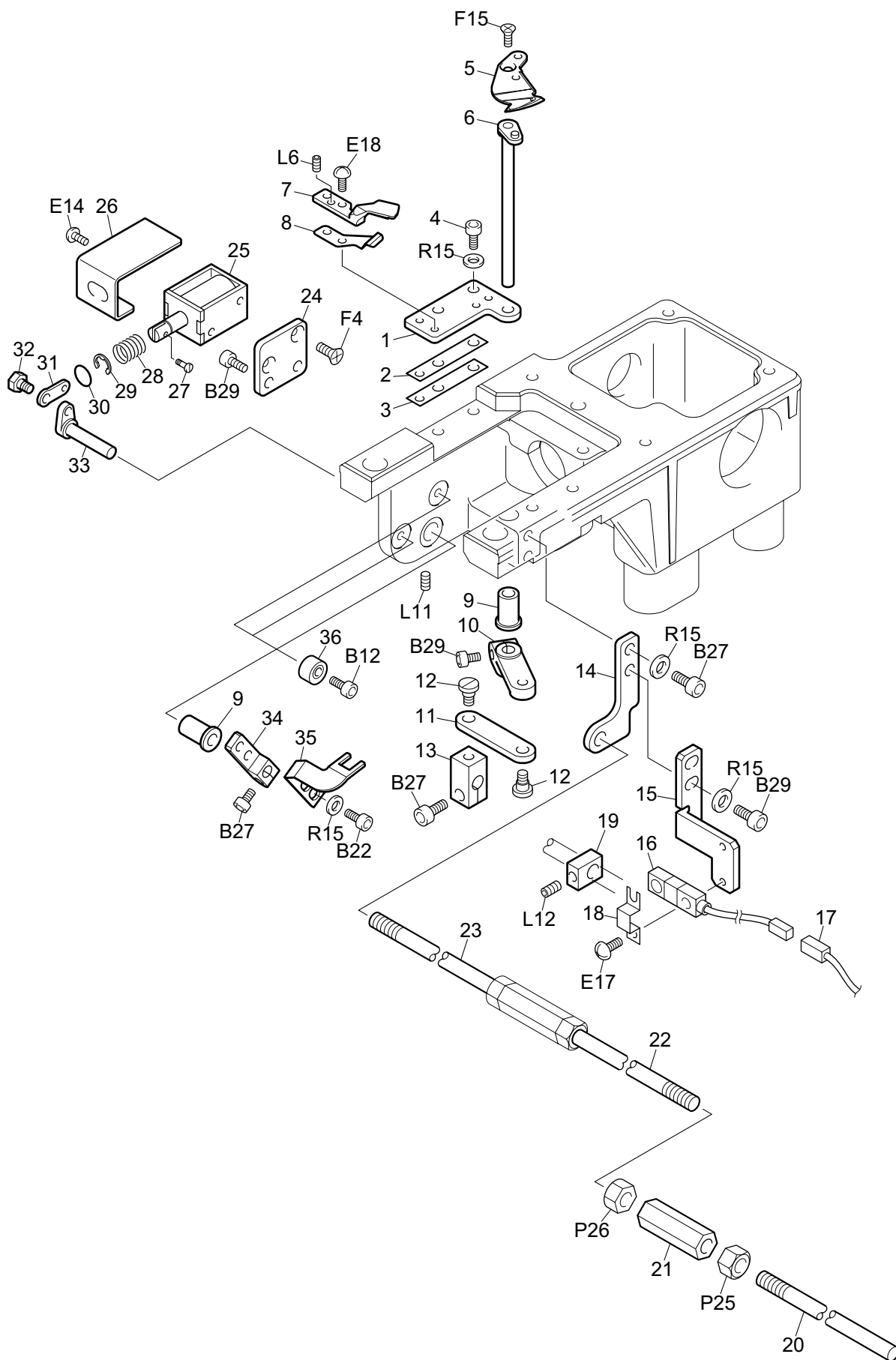
# **TMEG-V ROTARY HOOK BASE 1**

**GV-3-1**

| Ref.No. | Description                     | Part No.     | Remark                |
|---------|---------------------------------|--------------|-----------------------|
| 1       | Rotary Hook Base A              | FX0201AC0000 |                       |
| 1       | Rotary Hook Base A              | FXC201AC0000 | For Jumbo Rotary Hook |
| 2       | Rotary Hook Base B              | FX0201BC0000 |                       |
| 2       | Rotary Hook Base B              | FXC201BC0000 | For Jumbo Rotary Hook |
| 3       | Rotary Encoder                  | EF6600000000 |                       |
| 4       | Rotary Hook Base Stud           | FX0225000000 |                       |
| 5       | Ball Bearing                    | BP6003ZZ0000 |                       |
| 6       | 15mm Dia. Bearing Collar        | EG0227000000 |                       |
| 7       | Spiral Bevel Gear A             | EF0203000001 |                       |
| 8       | Spiral Bevel Gear B             | EF0204000001 |                       |
| 9       | Rotary Hook Spacer              | EF0211000000 |                       |
| 10      | Rotary Hook Shaft Bushing       | EF0206000000 |                       |
| 10      | Rotary Hook Shaft Bushing       | EFC206010000 | For Jumbo Rotary Hook |
| 11      | Rotary Hook Shaft               | EF0205010000 |                       |
| 12      | 7.94mm Dia. Collar              | EF0209000000 |                       |
| 13      | Rotary Hook                     | ME0505E2**** |                       |
| 13      | Rotary Hook                     | MEC505E2**** | Jumbo Rotary Hook     |
| 14      | Rotary Hook Set Screw           | ME0506000000 |                       |
| 15      | Bobbin Case                     | ME050300**** |                       |
| 16      | Bobbin                          | ME050402**** |                       |
| 17      | Rotary Hook Support             | EF021000**** |                       |
| 17      | Rotary Hook Support             | EFC210000000 | For Jumbo Rotary Hook |
| 18      | Needle Plate                    | EG020210**** |                       |
| 19      | Needle Plate Hole Collar        | EF0202200000 |                       |
| 20      | Needle Plate Hole Seal          | EF0202300000 |                       |
| 21      | Round Countersunk Head Screw    | EG0228000000 |                       |
| 22      | Top Lid                         | EG0221010000 |                       |
| 23      | Rotary Hook Shaft Drive Shaft A | MX0812A0**** |                       |
| 24      | N-Coupling                      | BPN150150000 |                       |
| 25      | Rotary Hook Shaft Drive Shaft B | MX0812B0**** |                       |
| 26      | Rotary Hook Shaft Drive Shaft C | MX0812C0**** |                       |
| 27      |                                 |              |                       |
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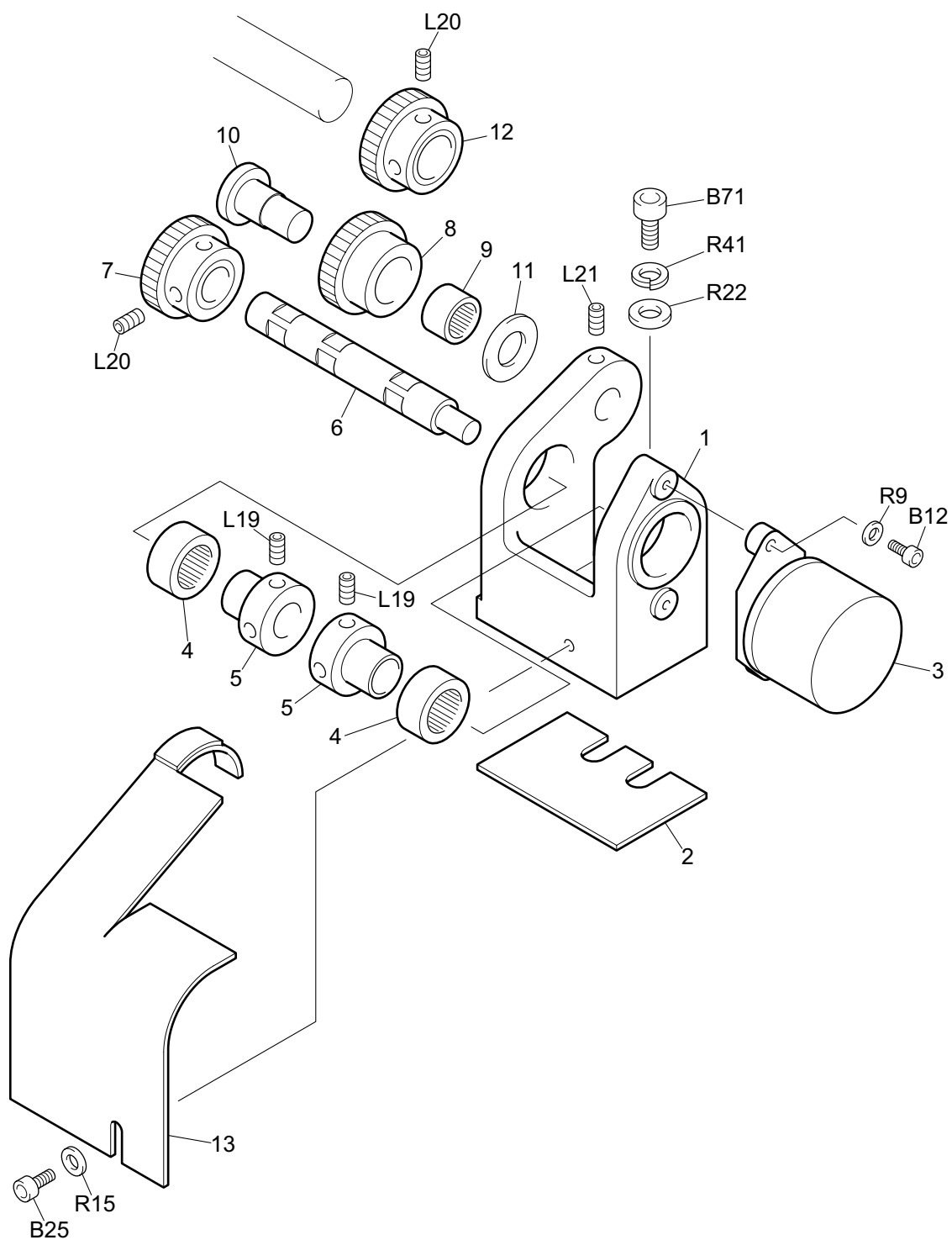
# TMEG-V ROTARY HOOK BASE 2

GV-3-2

| Ref.No. | Description                     | Part No.     | Remark       |
|---------|---------------------------------|--------------|--------------|
| 1       | Knife Base                      | FX0203000000 |              |
| 2       | Adjusting Liner                 | FX0209000000 | 0.1mm Thick  |
| 3       | Adjusting Liner                 | FX0210000000 | 0.05mm Thick |
| 4       | Hexagon Socket Head Cap Screw   | EG0219000000 |              |
| 5       | Movable Knife                   | FX0227000000 |              |
| 6       | Knife Drive Shaft               | EG0205040000 |              |
| 7       | Fixed Knife                     | FX0228000000 |              |
| 8       | Under Thread Presser            | FX0229000000 |              |
| 9       | Bushing                         | EG0211000000 |              |
| 10      | Knife Drive Arm                 | AT0205000000 |              |
| 11      | Knife Connecting Lever          | AT0207000000 |              |
| 12      | Connecting Lever Pin            | AT0206000000 |              |
| 13      | Connecting Stud                 | AT0208000000 |              |
| 14      | Connecting Shaft Holder         | FX0208000000 |              |
| 15      | Sensor Bracket A                | FX0218000000 |              |
| 16      | Proximity Switch                | EG6601000000 |              |
| 17      | Knife Retracting Sensor Harness | ED760400**** |              |
| 18      | Proximity Switch Lock           | PB000500KN01 |              |
| 19      | Searching Block                 | FX0217000000 |              |
| 20      | Thread Trimming Shaft A         | MX0813A0**** |              |
| 21      | M6 Joint                        | EF0827010000 |              |
| 22      | Thread Trimming Shaft B         | MX0813B0**** |              |
| 23      | Thread Trimming Shaft C         | MX0813C0**** |              |
| 24      | Solenoid Base                   | EG0214000000 |              |
| 25      | Solenoid                        | AT6806010000 |              |
| 26      | Solenoid Cover                  | EG02100A0000 |              |
| 27      | Solenoid Pin                    | EG0252000000 |              |
| 28      | Compressed Spring               | EG0218000000 |              |
| 29      | E-ring                          | BPE400000000 |              |
| 30      | Needle Bar O-Ring               | EF0621000000 |              |
| 31      | Connecting Rod                  | EG0251000000 |              |
| 32      | Stepped Pin                     | EG0215000000 |              |
| 33      | Connecting Lever Pin            | EG0217000000 |              |
| 34      | Picker Connecting Stud          | EG0212000000 |              |
| 35      | Wide Picker                     | EG0213000000 |              |
| 36      | Eccentric Stopper               | EG0220000000 |              |
| 37      |                                 |              |              |
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# **TMEG-V @ENCODER (Z-SPEC.MACHINE)**

**GV-4**

| <b>Ref.No.</b> | <b>Description</b>      | <b>Part No.</b> | <b>Remark</b> |
|----------------|-------------------------|-----------------|---------------|
| 1              | Encoder Bracket         | EFZ102000000    |               |
| 2              | Encoder Bracket Spacer  | EFZ110000000    |               |
| 3              | Rotary Encoder          | EF660000000     |               |
| 4              | Needle Bearing          | BPHMK1512000    |               |
| 5              | 12mm Dia. Needle Collar | EFZ109000000    |               |
| 6              | Encoder Shaft           | EFZ106000000    |               |
| 7              | Encoder Driven Gear     | EFZ104000000    |               |
| 8              | Encoder Middle Gear     | EFZ105000000    |               |
| 9              | Needle Bearing          | BPHK12100000    |               |
| 10             | Middle Gear Shaft       | EFZ107000000    |               |
| 11             | Washer                  | BPTW12250000    |               |
| 12             | Encoder Drive Gear      | EFZ103000000    |               |
| 13             | Encoder Gear Cover      | EFZ108000000    |               |
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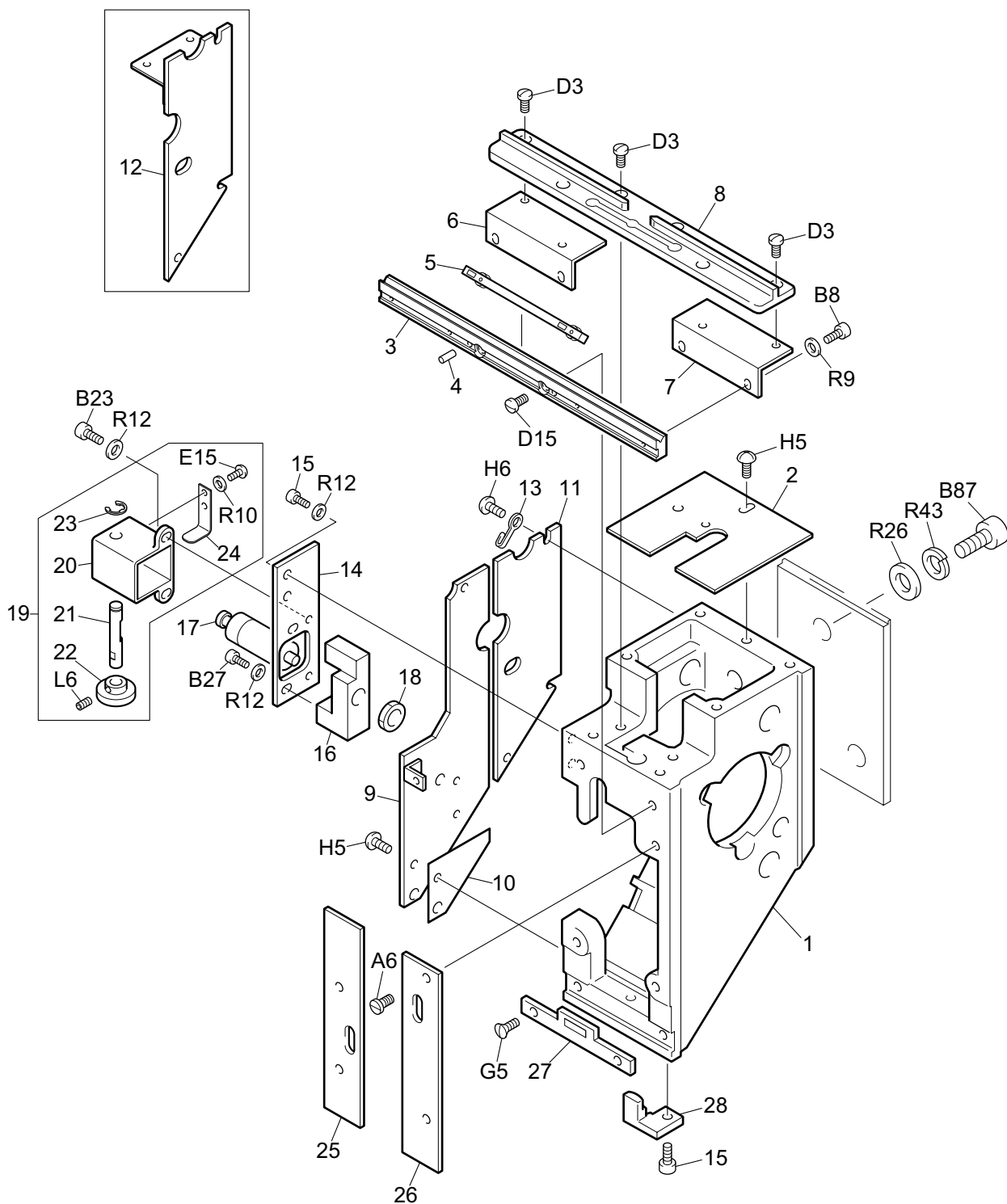
# **TMEG-V COLOR CHANGE SYSTEM**

**GV-5**

| Ref.No. | Description                     | Part No.     | Remark     |
|---------|---------------------------------|--------------|------------|
| 1       | Color Change System Assembly    | UN09002A**** |            |
| 2       | Color Change Box                | FX04010A#### |            |
| 3       | Cam Shaft                       | MS040200#### |            |
| 4       | Cam Shaft Bushing               | EF0407000000 |            |
| 5       | Color Change Cam Set            | EF040501#### |            |
| 6       | Middle Gear A                   | MS0410010000 |            |
| 7       | Color Change Cam Set            | EF0405011200 | 12- Needle |
| 8       | Cam Shaft Bushing B             | FX04030A1200 |            |
| 9       | Middle Gear B                   | MS0411000000 |            |
| 10      | Middle Shaft                    | FX040200#### |            |
| 11      | Motor Gear                      | EF0410000000 |            |
| 12      | 10mm Dia. Collar                | EF0924000000 |            |
| 13      | Dry Bearing                     | BPMB1010DU00 |            |
| 14      | Half-turn Gear                  | EF0414000000 |            |
| 15      | Half-turn Gear Bushing          | EF0415000000 |            |
| 16      | 8mm Dia. Collar                 | EF0418000000 |            |
| 17      | One-rotation Switch Collar      | EG0401010000 |            |
| 18      | Photo-interrupter               | EG7102000000 |            |
| 19      | Photo-interrupter Base          | EG0402000000 |            |
| 20      | Color Change Motor              | EG7101003R15 |            |
| 21      | Gear Head                       | EG7101003G09 |            |
| 22      | Rotary Switch                   | MS7102010000 |            |
| 23      | Rotary Switch Stay              | MS0409000000 |            |
| 24      | Rotary Switch Pin               | MS0407000000 |            |
| 25      | Rotary Switch Gear              | MS0408000000 |            |
| 26      | Change Cover Stud               | MS0414000000 |            |
| 27      | Change Cover                    | EG04040A0000 |            |
| 28      | Slide Boss                      | EF0402010000 |            |
| 29      | Slide Bearing                   | BPLME1222322 |            |
| 30      | Cam Roller Set                  | EF0404S00000 |            |
| 31      | Cam Pin                         | EF0403000000 |            |
| 32      | Cam Roller                      | EF0404000000 |            |
| 33      | E-ring                          | BPE300000000 |            |
| 34      | Guide Shaft                     | EF040800#### |            |
| 35      | Slide Shaft                     | MS040300#### |            |
| 36      | Needle Position Indicating Belt | EF042600#### |            |
| 37      | Belt Joint Plate                | EF0429000000 |            |
| 38      | Roller                          | EF0425000000 |            |
| 39      | Roller Pin                      | EF0428000000 |            |
| 40      | Base Split Collar               | EF0430000000 |            |
| 41      | Roller Base                     | EF0427000000 |            |
| 42      | Model Name Plate                | EG040300**** |            |
| 43      |                                 |              |            |
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Note: As for parts with marks # or \*, please follow our instructions on Table of Contents in your parts order.

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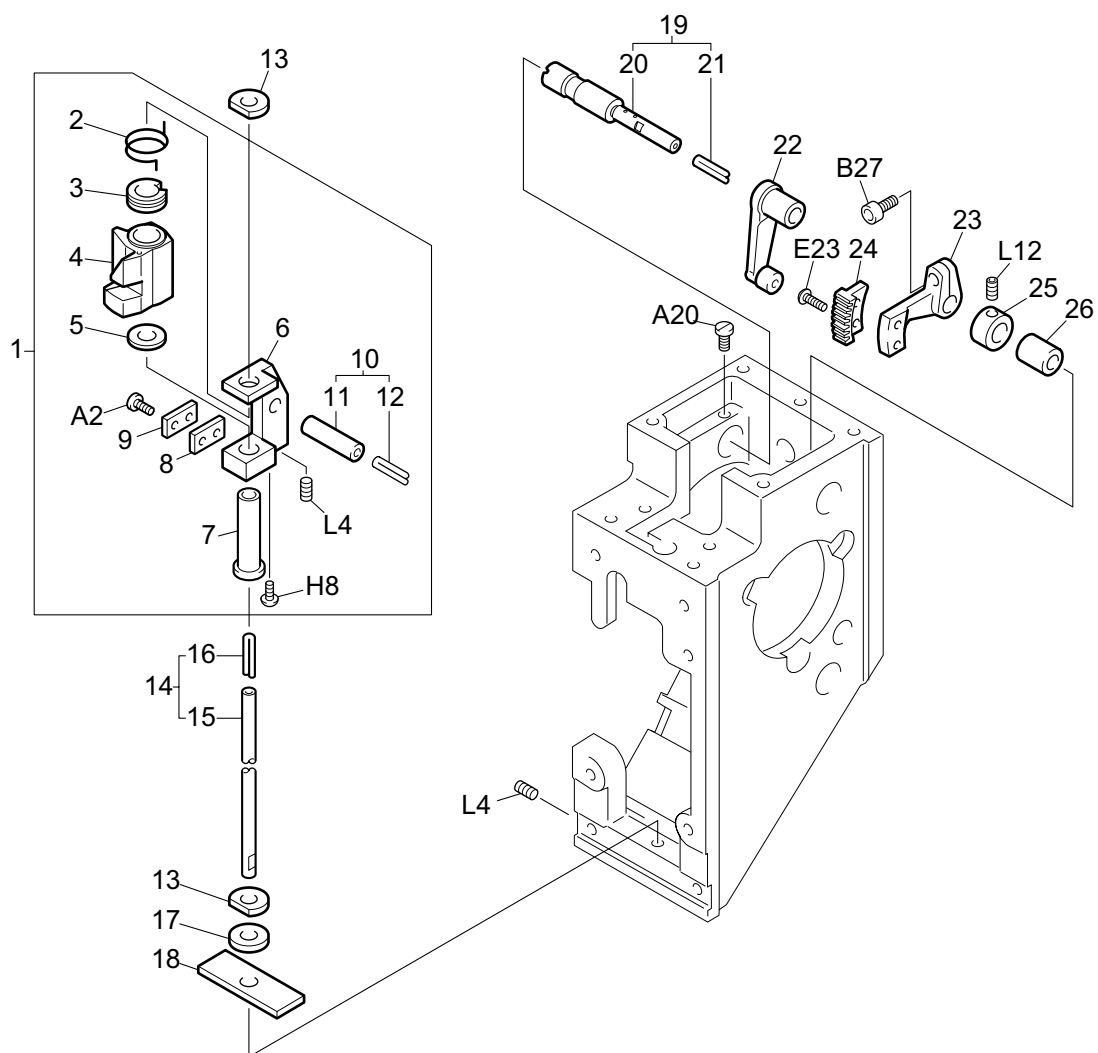
# TMEG-V ARM 1

GV-6-1

| Ref.No. | Description                   | Part No.     | Remark                       |
|---------|-------------------------------|--------------|------------------------------|
| 1       | Arm                           | FX05010A0000 |                              |
| 2       | Arm Top Cover                 | EG05320A0000 |                              |
| 3       | Arm Rail, Upper               | EF052603**** |                              |
| 3       | Arm Rail, Upper               | FX055701**** | 12- Needle                   |
| 4       | Spring Pin                    | BPSP03120000 | 3P*12                        |
| 5       | Slide Roller                  | EF055300#### |                              |
| 5       | Slide Roller                  | FX0558001200 | 12- Needle                   |
| 6       | Take-up Lever Rail Holder L   | FX0556LB**** |                              |
| 7       | Take-up Lever Rail Holder R   | FX0556RB**** |                              |
| 8       | Take-up Lever Guide Rail      | EF05140A**** |                              |
| 8       | Take-up Lever Guide Rail      | FX05590A**** | 12- Needle                   |
| 8       | Take-up Lever Guide Rail      | EF0514B00000 | 9-needle 240P M/C,last head  |
| 8       | Take-up Lever Guide Rail      | FX0559B00000 | 12-needle 330P M/C,last head |
| 9       | Arm Side Cover A              | FX05180A0000 |                              |
| 10      | Seal Packing                  | FX0553200000 |                              |
| 11      | Arm Side Cover B              | FX0554AA0000 |                              |
| 12      | Arm Side Cover B1             | FX0554BA0000 | For the last head            |
| 13      | Cord Clip                     | PB000700EB00 |                              |
| 14      | Jump Base                     | EG05460A0000 |                              |
| 15      | Hexagon Socket Head Cap Screw | EG0219000000 |                              |
| 16      | Solenoid Bracket              | EG0508020000 |                              |
| 17      | Jump Solenoid                 | EG6801020000 |                              |
| 18      | Hexagon Nut                   | EG0548000000 |                              |
| 19      | Solenoid Cover Set            | UN25006A0000 |                              |
| 20      | Solenoid Cover                | EG05100A0000 |                              |
| 21      | Clutch Pin                    | EF0540000000 |                              |
| 22      | Clutch Knurled Screw          | EF0539000000 |                              |
| 23      | E-ring                        | BPE500000000 |                              |
| 24      | Stopper Plate Spring          | ME0544000000 |                              |
| 25      | Arm Front Cover L             | FX0555LB0000 |                              |
| 26      | Arm Front Cover R             | FX0555RB0000 |                              |
| 27      | Arm Guide Plate               | FX0525040000 |                              |
| 28      | Positioning Plate             | FX0526000000 |                              |
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## **TMEG-V ARM 2**

**GV-6-2**

| Ref.No. | Description                       | Part No.     | Remark |
|---------|-----------------------------------|--------------|--------|
| 1       | Needle Bar Reciprocator Set       | UN2500920000 |        |
| 2       | Jump Spring                       | FX0516000000 |        |
| 3       | Spring Cradle                     | FX0564000000 |        |
| 4       | Needle Bar Reciprocator           | EF0532020000 |        |
| 5       | Needle Bar Reciprocator Spacer    | EF0554000000 |        |
| 6       | Reciprocator Slide Block          | EF0560010000 |        |
| 7       | Needle Bar Drive Shaft Bushing    | CX0506010000 |        |
| 8       | Stopper                           | EF0561010000 |        |
| 9       | Stopper Bracket                   | EF0534000000 |        |
| 10      | No.4 Pin Set                      | UN2505200000 |        |
| 11      | No.4 Pin                          | EF0512010000 |        |
| 12      | Wick B                            | EF0557000000 |        |
| 13      | Needle Bar Drive Shaft Felt A     | FX0561010000 |        |
| 14      | Needle Bar Drive Shaft Set        | UN2501102000 |        |
| 15      | Needle Bar Drive Shaft            | FX0522030000 |        |
| 16      | Needle Bar Drive Shaft Wick       | EG0536000000 |        |
| 17      | Bearing Case Collar               | ME0555000000 |        |
| 18      | Needle Bar Drive Shaft Felt       | FX0524000000 |        |
| 19      | Take-up Lever Drive Lever Pin Set | UN2505400000 |        |
| 20      | Take-up Lever Drive Lever Pin     | EG0530000000 |        |
| 21      | Wick B                            | EG0544000000 |        |
| 22      | Take-up Lever Drive Lever A Set   | EG0521040000 |        |
| 23      | Take-up Lever Drive Lever B       | EG0529000000 |        |
| 24      | Take-up Lever Drive Gear          | EF0517010000 |        |
| 25      | 8mm Dia. Collar                   | EF0418000000 |        |
| 26      | Bearing Brass                     | EG0541000000 |        |
| 27      |                                   |              |        |
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# TMEG-V ARM 3

**GV-6-3**

| Ref.No. | Description                      | Part No.     | Remark  |
|---------|----------------------------------|--------------|---------|
| 1       | Needle Bar Cam Tightening Collar | EF0508000000 |         |
| 2       | Bearing Case                     | EF0502010000 |         |
| 3       | Ball Bearing                     | BP6004ZZ0000 |         |
| 4       | Needle Bar Driver Set            | UN2501000000 |         |
| 5       | Needle Bar Drive Cam             | EF0504010000 |         |
| 6       | Needle Cage                      | BPK384188X01 |         |
| 7       | Connecting Rod                   | EF0505010000 |         |
| 8       | Take-up Lever Cam Base           | EF0507020000 |         |
| 9       | Take-up Lever Drive Cam          | EF0563000000 |         |
| 10      | Cam Washer                       | EF0522000000 | Inside  |
| 11      | Cam Washer A                     | EF0522A00000 | Outside |
| 12      | No.2 Pin Set                     | UN2505300000 |         |
| 13      | No.2 Pin                         | EG0528000000 |         |
| 14      | Wick A                           | EG0543000000 |         |
| 15      | Needle Bar Drive Lever Set       | EG0527000000 |         |
| 16      | 8mm Dia. Collar                  | EF0418000000 |         |
| 17      | No.1 Pin Set                     | UN2505601000 |         |
| 18      | No.1 Pin                         | FX0506010000 |         |
| 19      | Wick A                           | EF0556000000 |         |
| 20      | No.3 Pin Set                     | UN2505101000 |         |
| 21      | No.3 Pin                         | EF0511010000 |         |
| 22      | Wick B                           | EF0557000000 |         |
| 23      | Needle Bar Drive Connecting Rod  | EF0513000000 |         |
| 24      | Connecting Rod Washer            | EF0555010000 |         |
| 25      | Needle Bar Drive Shaft A         | MX0810A0**** |         |
| 26      | N-Coupling                       | BPN150150000 |         |
| 27      | Needle Bar Drive Shaft B         | MX0810B0**** |         |
| 28      | Needle Bar Drive Shaft C         | GX0810C1**** |         |
| 29      |                                  |              |         |
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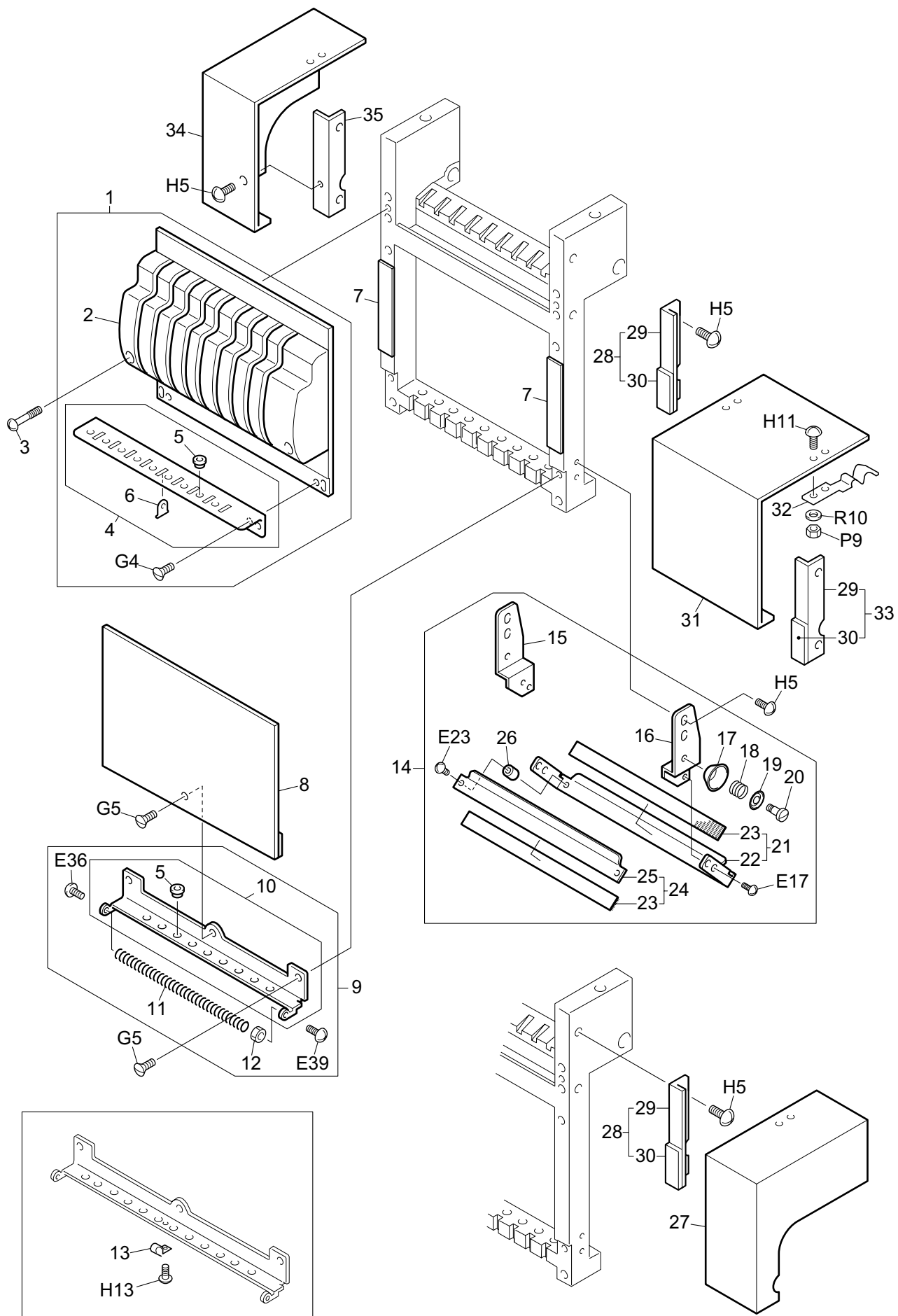
# TMEG-V NEEDLE BAR CASE 1

GV-7-1

| Ref.No. | Description                       | Part No.      | Remark                |
|---------|-----------------------------------|---------------|-----------------------|
| 1       | Needle Bar Case Set               | UN260031####  |                       |
| 1       | Needle Bar Case Set               | UN26C031####  | For Jumbo Rotary Hook |
| 2       | Needle Bar Case                   | FX06010A####  |                       |
| 3       | Holding Spring Set Screw          | EF0620000000  |                       |
| 4       | Needle Bar                        | FX0632000000  |                       |
| 5       | Needle Bar Holder Spring          | EF0618030000  |                       |
| 6       | Spring Shoe Washer                | EF0619000000  |                       |
| 7       | Felt Packing                      | EF062300####  |                       |
| 8       | Cushion Rubber B                  | EF062700####  |                       |
| 9       | Cushion Ring B                    | EF0643010000  |                       |
| 10      | Upper Dead Point Stopper          | EF0617010000  |                       |
| 11      | Flat Fillister Head Screw         | EF0647000000  |                       |
| 12      | Needle Bar Connecting Stud        | FX0617000000  |                       |
| 13      | Presser Foot Spring D             | EF0614D20000  |                       |
| 14      | Presser Foot Set                  | EF0613030000  |                       |
| 15      | Presser Foot                      | EF0613130000  |                       |
| 16      | Presser Foot Bushing              | EF0613220000  |                       |
| 17      | Cushion Ring C                    | EF0644020000  |                       |
| 18      | Presser Foot Adjusting Rubber     | EF0625A0****  | 0.5mm Thick           |
| 18      | Presser Foot Adjusting Rubber     | EF0625B0****  | 1.0mm Thick           |
| 19      | Cushion Ring A                    | EF0642020000  |                       |
| 20      | Needle Clamp                      | EF0616010000  |                       |
| 21      | Needle Set Screw                  | EF0615000000  |                       |
| 22      | Needle                            | EF0640000000  | DB K5-11              |
| 23      | Take-up Lever Shaft               | EF060200####  |                       |
| 23      | Take-up Lever Shaft               | FX0602001200  | 12-Needle             |
| 24      | Take-up Lever Positioning Bushing | EF0606000000  |                       |
| 25      | Take-up Lever Gear Set            | FX0603S10000  |                       |
| 25      | Take-up Lever Gear Set            | FXC603S10000  | For Jumbo Rotary Hook |
| 26      | Take-up Lever                     | FX0603010000  |                       |
| 26      | Take-up Lever                     | FXC603010000  | For Jumbo Rotary Hook |
| 27      | Thread Guide                      | MX0521000000  |                       |
| 28      | Take-up Lever Gear                | EF0603010000  |                       |
| 29      | Take-up Lever Adjusting Bushing   | EF0605000000  |                       |
| 30      | Needle Bar Guide Rail             | FX061302####  |                       |
| 31      | Case Rail, Lower                  | FX061200####  |                       |
| 32      | Guide Roller Base                 | FX060700####  |                       |
| 33      | Ball Bearing                      | BPR1340ZZ000  |                       |
| 34      | E-ring                            | BPE3000000000 |                       |
| 35      | Case Rail, Upper                  | FX060602####  |                       |
| 36      | Roller Stopper                    | FX0635000000  |                       |
| 37      | Color Change Bracket L            | FX0609L00000  |                       |
| 38      | Color Change Bracket R            | FX0609R00000  |                       |
| 39      | Change Bracket Set Screw          | FX0611000000  |                       |
| 40      | Slide Shaft A                     | MX0811A0****  |                       |
| 41      | Slide Shaft B                     | MX0811B0****  |                       |
| 42      | M6 Joint                          | EF0827010000  |                       |
| 43      | Slide Shaft C                     | MX0811C0****  |                       |
| 44      |                                   |               |                       |
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# TMEG-V NEEDLE BAR CASE 2

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| Ref.No. | Description                              | Part No.     | Remark                |
|---------|------------------------------------------|--------------|-----------------------|
| 1       | Top Cover Set                            | UN260022**** |                       |
| 1       | Top Cover Set                            | UN26C022**** | For Jumbo Rotary Hook |
| 2       | Top Cover                                | CX067100#### |                       |
| 2       | Top Cover                                | CXC67100#### | For Jumbo Rotary Hook |
| 3       | Top Cover Attaching Screw                | CX0675000000 |                       |
| 4       | Middle Thread Guide Set                  | CX067200#### |                       |
| 5       | Thread Guide                             | FX0626110000 |                       |
| 6       | Thread Guide                             | MX0522000000 |                       |
| 7       | Magnet Rubber                            | EF0635210300 |                       |
| 8       | Face Plate                               | EC060101#### |                       |
| 9       | Lower Thread Guide Set                   | UN260060#### |                       |
| 10      | Lower Thread Guide                       | FX062601#### |                       |
| 11      | Thread Hook Spring                       | EF063100#### |                       |
| 11      | Thread Hook Spring                       | FX0627001200 | 12- Needle            |
| 12      | Hexagon Nut                              | EF0646000000 |                       |
| 13      | Spring Presser Bracket                   | FX0633010000 | 12- Needle            |
| 14      | Thread Presser Base Set                  | UN680031**** |                       |
| 15      | Upper Thread Holder Bracket L            | FX0629L00000 |                       |
| 16      | Upper Thread Holder Bracket R            | FX0629R00000 |                       |
| 17      | Thread Suspender Disk                    | EF0637000000 |                       |
| 18      | Thread Suspender Spring                  | EF0639000000 |                       |
| 19      | Thread Suspender Spring Presser          | EF0638000000 |                       |
| 20      | Thread Suspender Attaching Screw         | AT2311000000 |                       |
| 21      | Thread Presser Base(with attaching tape) | UN680170**** |                       |
| 22      | Thread Presser Base                      | FX063010#### |                       |
| 23      | Velcro                                   | AT030500#### |                       |
| 23      | Velcro                                   | FX0631201200 | 12- Needle            |
| 24      | Thread Presser Lid (with attaching tape) | UN680180**** |                       |
| 25      | Thread Presser Lid                       | AT030300#### |                       |
| 25      | Thread Presser Lid                       | FX0631101200 | 12- Needle            |
| 26      | Thread Presser Spacer                    | AT0304000000 |                       |
| 27      | Front Cover A                            | MX08150A0000 |                       |
| 28      | Cover Attaching Bracket R                | FX0628R30000 |                       |
| 29      | Cover Attaching Bracket                  | FX0628030000 |                       |
| 30      | Plate Magnet                             | FX0628200000 |                       |
| 31      | Front Cover B                            | MX08160A**** |                       |
| 32      | Cover Plate Spring                       | FX0805010000 |                       |
| 33      | Cover Attaching Bracket L                | FX0628L30000 |                       |
| 34      | Front Cover C                            | MX08170A#### |                       |
| 35      | Cover Attaching Bracket C                | FX0628C00000 |                       |
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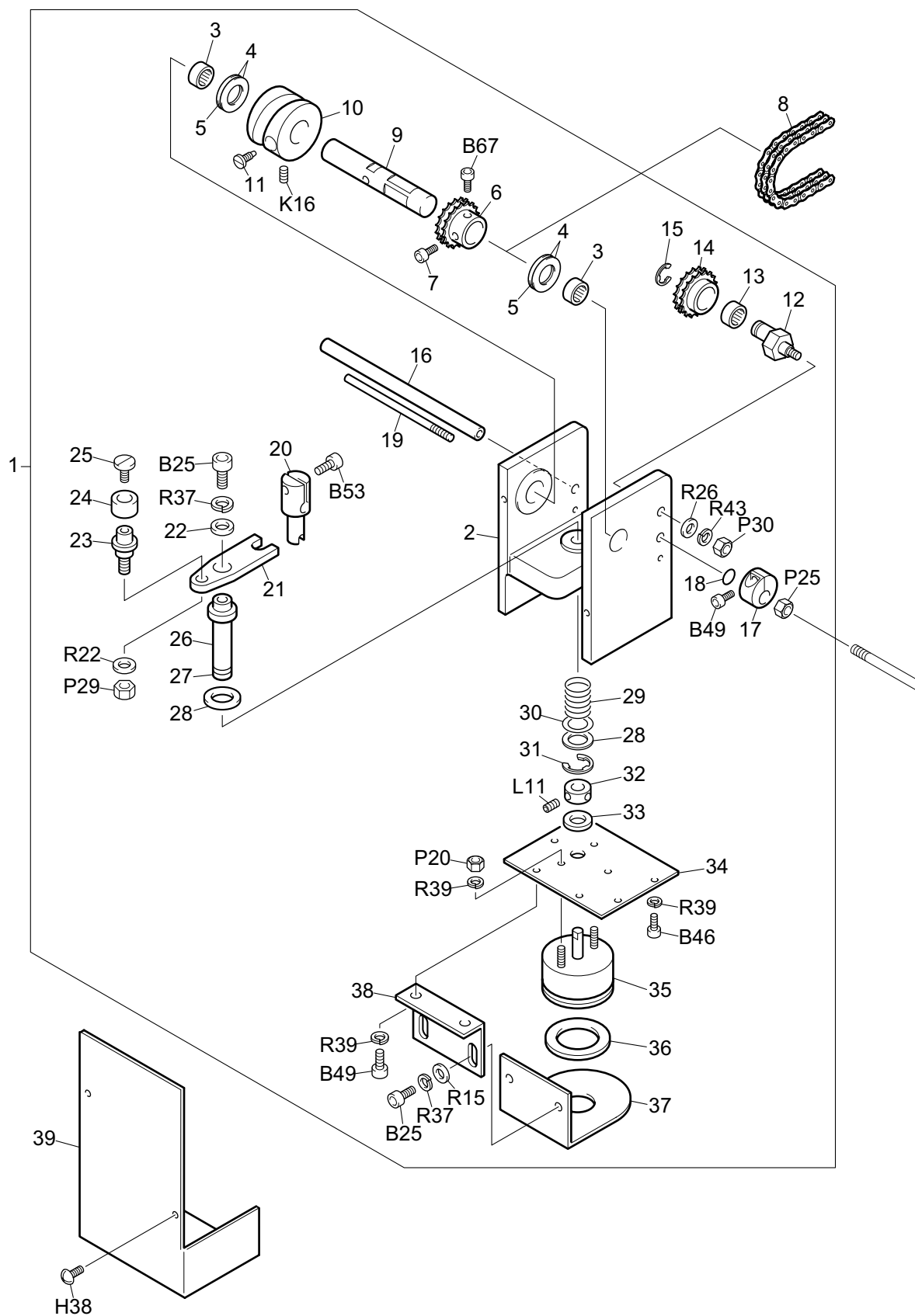
# TMEG-V UPPER THREAD HOLDER SET

GV-8

| Ref.No. | Description                      | Part No.     | Remark |
|---------|----------------------------------|--------------|--------|
| 1       | Assembly Base Set                | UN680051**** |        |
| 2       | Assembly Base                    | AT1301010000 |        |
| 3       | Base Lid A                       | AT1302020000 |        |
| 4       | Hook Cushion C                   | AT1307010000 |        |
| 5       | Upper Thread Hook A              | AT1303020000 |        |
| 6       | Special Nut                      | AT0307200000 |        |
| 7       | Arm Connecting Rod               | AT0306000000 |        |
| 8       | Lever Connecting Pin             | AT0309000000 |        |
| 9       | Special Nut                      | AT0307100000 |        |
| 10      | Solenoid Arm                     | AT0308000000 |        |
| 11      | Solenoid Base                    | AT1304000000 |        |
| 12      | Upper Thread Holder Solenoid     | AT6801A20000 |        |
| 13      | Arm Cushion                      | AT1309000000 |        |
| 14      | Thread Suspender Attaching Screw | AT2311000000 |        |
| 15      | Cushion Pin B                    | AT1306000000 |        |
| 16      | Upper Thread Holder Clutch       | AT1305000000 |        |
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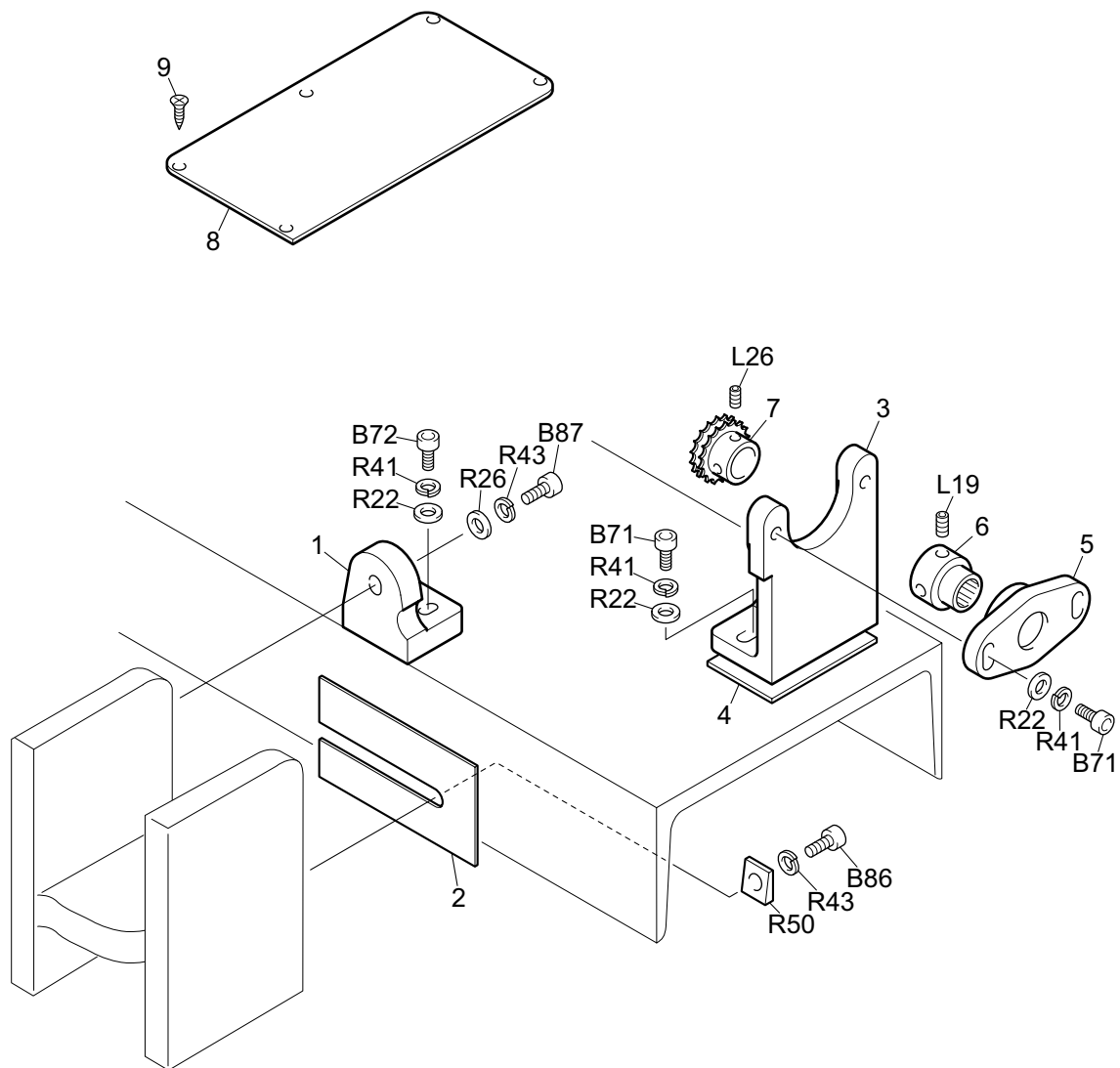
# **TMEG-V CAM DRIVE SYSTEM SET 1**

**GV-9-1**

| Ref.No. | Description                | Part No.     | Remark |
|---------|----------------------------|--------------|--------|
| 1       | Cam Attaching Base Set     | UN680021G000 |        |
| 2       | Cam Attaching Base         | AT01010A0000 |        |
| 3       | Needle Bearing             | BPHMK1515000 |        |
| 4       | Thrust Washer              | BPSW1528AS00 |        |
| 5       | Thrust Bearing             | BPSB15280000 |        |
| 6       | 15mm Dia. Sprocket         | AT0104000000 |        |
| 7       | Sprocket Fixing Screw      | AT0124000000 |        |
| 8       | Roller Chain               | AT1108000000 |        |
| 9       | Cam Shaft                  | AT0102000000 |        |
| 10      | Cam                        | AT0103000000 |        |
| 11      | Cam Attaching Screw        | AT0123000000 |        |
| 12      | Tension Eccentric Pin      | IS0111000000 |        |
| 13      | Needle Bearing             | BPHMK1015000 |        |
| 14      | Tension Sprocket           | AT0117000000 |        |
| 15      | E-ring                     | BPE800000000 |        |
| 16      | Thread Trimming Base Shaft | AT0115010000 |        |
| 17      | Cushion Connecting Stud    | AC0405000000 |        |
| 18      | O-Ring                     | BPS100000000 |        |
| 19      | Guide Pin                  | AT0114000000 |        |
| 20      | Lever Drive Pin            | AT0113000000 |        |
| 21      | Cam Lever                  | AT0105000000 |        |
| 22      | Lever Fixing Washer        | AT0109000000 |        |
| 23      | Cam Pin                    | AT0110000000 |        |
| 24      | Cam Roller                 | AT0111000000 |        |
| 25      | Lid Screw                  | AT0112010000 |        |
| 26      | Lever Support Pin          | AT0106010000 |        |
| 27      | Support Pin Cushion        | AT0106100000 |        |
| 28      | Cushion Washer A           | AT0107000000 |        |
| 29      | Cam Roller Return Spring   | AT0108010000 |        |
| 30      | Washer B                   | AT0122000000 |        |
| 31      | E-ring                     | BPE120000000 |        |
| 32      | 7.94mm Dia. Collar         | EF0209000000 |        |
| 33      | Cushion Washer B           | AT0116000000 |        |
| 34      | Solenoid Base              | AT11050A0000 |        |
| 35      | Thread Trimming Solenoid   | AT6802A00000 |        |
| 36      | Solenoid Cushion           | AT0119000000 |        |
| 37      | Plunger Holder             | AT0121000000 |        |
| 38      | Plunger Bracket            | AT0120000000 |        |
| 39      | Cam Base Cover             | AT11030A0000 |        |
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## **TMEG-V CAM DRIVE SYSTEM SET 2**

**GV-9-2**

| <b>Ref.No.</b> | <b>Description</b>              | <b>Part No.</b> | <b>Remark</b>           |
|----------------|---------------------------------|-----------------|-------------------------|
| 1              | Cam Base Bracket                | AT11010A0000    |                         |
| 2              | Driver Cam Base Spacer          | MX083200****    |                         |
| 3              | Rotary Hook Shaft Holder        | AT11040A0000    |                         |
| 4              | Rotary Hook Shaft Holder Spacer | AT1109010000    | For Regular Rotary Hook |
| 5              | Rotary Hook Base Shaft Holder   | AT11060A0000    |                         |
| 6              | 15mm Dia. Needle Collar         | EF0208000000    |                         |
| 7              | 15mm Dia. Sprocket              | AT0104000000    |                         |
| 8              | Chain Cover                     | EF0806010000    |                         |
| 9              | Countersunk Head Wood Screw     |                 | 3.1P*12                 |
| 10             |                                 |                 |                         |
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Note: As for parts with marks # or \*, please follow our instructions on Table of Contents in your parts order.

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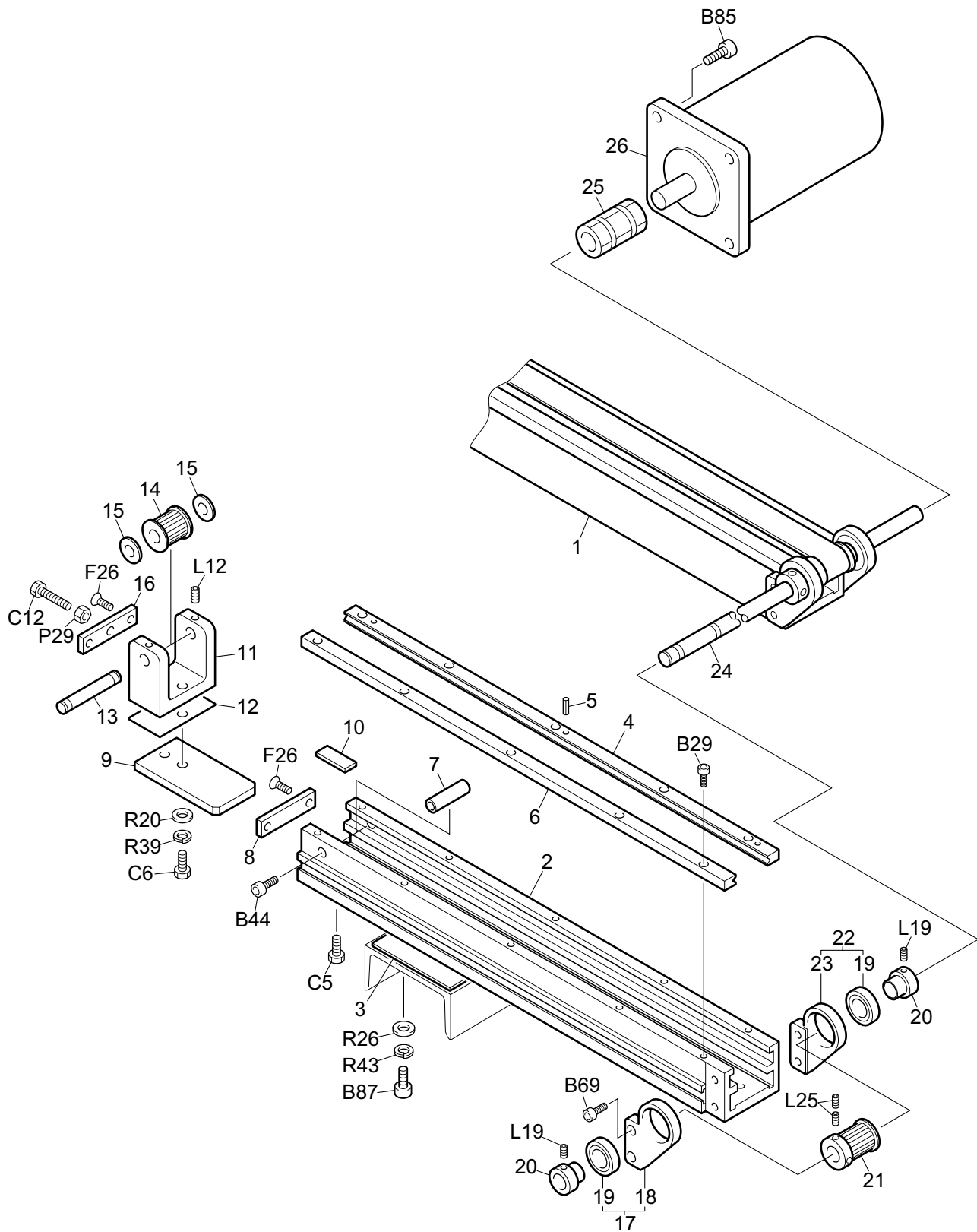
# TMEG-V X-AXIS DRIVE SYSTEM 1

GV-10-1

| Ref.No. | Description                  | Part No.     | Remark       |
|---------|------------------------------|--------------|--------------|
| 1       | X-axis Feed Plate A Set      | UN110020MXA0 | Standard     |
| 1       | X-axis Feed Plate C Set      | UN110020MXC0 | M,G-Spec.M/C |
| 2       | X-axis Feed Plate B Set      | UN110020MXB0 | Standard     |
| 2       | X-axis Feed Plate D Set      | UN110020MXD0 | M,G-Spec.M/C |
| 3       | X-axis Feed Plate A          | MX0705A00000 | Standard     |
| 3       | X-axis Feed Plate C          | MX0705C00000 | M,G-Spec.M/C |
| 4       | X-axis Feed Plate B          | MX0705B00000 | Standard     |
| 4       | X-axis Feed Plate D          | MX0705D00000 | M,G-Spec.M/C |
| 5       | Presser Roller Base          | EG0715020000 |              |
| 6       | Roller Base Guide Pin        | EG0718000000 |              |
| 7       | Bearing Pin A                | EG0778010000 |              |
| 8       | Roller Pin Spacer            | EG0770000000 |              |
| 9       | Bearing Pin B                | EG0779010000 |              |
| 10      | X-axis Roller Cover          | MX07140A0000 |              |
| 11      | Timing Belt                  | BPS5M35N**** | Standard     |
| 11      | Timing Belt                  | BPS5M50N**** | M,G-Spec.M/C |
| 12      | Belt Catcher Plate A Set     | UN110070A000 | Standard     |
| 12      | Belt Catcher Plate B Set     | UN110070B000 | M,G-Spec.M/C |
| 13      | Belt Catcher Plate A         | MX0706A00000 | Standard     |
| 13      | Belt Catcher Plate B         | MX0706B00000 | M,G-Spec.M/C |
| 14      | No.1 Roller Set              | EF0709000000 |              |
| 15      | No.1 Roller                  | EF0709100000 |              |
| 16      | Liner Plate                  | EF0709200000 |              |
| 17      | Ball Bearing                 | BPLF1280ZZ00 |              |
| 18      | Roller Washer                | EF0726000000 |              |
| 19      | No.1 Roller Connecting Plate | MX0719000000 | Standard     |
| 19      | No.1 Roller Connecting Plate | EGG771000000 | M,G-Spec.M/C |
| 20      | LS Dog Base                  | MX0730010000 |              |
| 21      | Hexagon Bolt                 | EG0780000000 |              |
| 22      | Limit Switch Base A          | EG0727A10000 |              |
| 23      | Adjusting Knob               | EG0731000000 |              |
| 24      | Fixing Base                  | EG0730000000 |              |
| 25      | Limit Switch                 | PB001000SP00 |              |
| 26      | Actuator                     | MS6602000000 |              |
| 27      | 0-point Search Plate         | EGG733010000 |              |
| 28      | Proximity Switch A Set       | UN110160A000 |              |
| 29      | Sensor Attaching Base A      | EG0732A10000 |              |
| 30      | Proximity Switch             | EG6601000000 |              |
| 31      | Proximity Switch Lock        | PB001000KN01 |              |
| 32      |                              |              |              |
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# TMEG-V X-AXIS DRIVE SYSTEM 2

GV-10-2

| Ref.No. | Description                          | Part No.     | Remark              |
|---------|--------------------------------------|--------------|---------------------|
| 1       | X-axis Driver Frame A                | MX0702A1**** | Standard            |
| 1       | X-axis Driver Frame C                | MX0702C1**** | M,G-Spec.M/C        |
| 2       | X-axis Driver Frame B                | MX0702B1**** | Standard            |
| 2       | X-axis Driver Frame D                | MX0702D1**** | M,G-Spec.M/C        |
| 3       | Driver Cam Base Spacer               | MX083200**** |                     |
| 4       | X-axis Driver Frame Rail A           | EF0704A1**** |                     |
| 5       | Spring Pin                           | BPSP04120000 | 4P*12               |
| 6       | X-axis Driver Frame Rail B           | EF0704B1**** |                     |
| 7       | Driver Reinforcing Shaft             | EG0741000000 | Standard            |
| 7       | Driver Reinforcing Shaft             | EGG741000000 | M,G-Spec.M/C        |
| 8       | Tension Rivet Plate                  | EG0709000000 | Standard            |
| 8       | Tension Rivet Plate                  | EGG709000000 | M,G-Spec.M/C        |
| 9       | Tension Base                         | EG0707000000 | Standard            |
| 9       | Tension Base                         | EGG707000000 | M,G-Spec.M/C        |
| 10      | Tension Liner                        | EG0710000000 |                     |
| 11      | Tension Bearing Case B               | EG0706B00000 | Standard            |
| 11      | Tension Shaft Holder                 | EGG706000000 | M,G-Spec.M/C        |
| 12      | Tension Base Spacer A                | MX0712A10000 | Standard            |
| 12      | Tension Base Spacer B                | MX0712B10000 | M,G-Spec.M/C        |
| 13      | Tension Shaft                        | EG0711000000 | Standard            |
| 13      | Tension Shaft                        | EGG711000000 | M,G-Spec.M/C        |
| 14      | Tension-side Timing Pulley A Set     | UN110030A000 | Standard            |
| 14      | Tension-side Timing Pulley B Set     | UN110030B000 | M,G-Spec.M/C        |
| 15      | Washer                               | BPTW12250000 |                     |
| 16      | Tension Plate                        | EG0708000000 | Standard            |
| 16      | Tension Plate                        | EGG708000000 | M,G-Spec.M/C        |
| 17      | Bearing Case Plate BL (with Bearing) | MXL707B0S000 |                     |
| 18      | Bearing Case Plate BL                | MXL707B00000 |                     |
| 19      | Needle Bearing                       | BPHK18120000 |                     |
| 20      | 15mm Dia. Needle Collar              | EF0208000000 |                     |
| 21      | Driver-side Timing Pulley A          | MX0710A00000 | Standard            |
| 21      | Driver-side Timing Pulley B          | MX0710B00000 | M,G-Spec.M/C        |
| 22      | Bearing Case Plate BR (with Bearing) | MXR707B0S000 |                     |
| 23      | Bearing Case Plate BR                | MXR707B00000 |                     |
| 24      | X-axis Drive Shaft                   | MX082800**** | Standard            |
| 24      | X-axis Drive Shaft                   | MXM82800**** | M-Spec.M/C only     |
| 24      | X-axis Drive Shaft                   | MXG82800**** | G-Spec.M/C only     |
| 25      | N-Coupling                           | BPN150150000 |                     |
| 26      | Pulse (Stepping) Motor               | EH6403000000 | Standard,M-Spec.M/C |
| 26      | Pulse (Stepping) Motor               | LG6404000000 | G-Spec.M/C only     |
| 27      |                                      |              |                     |
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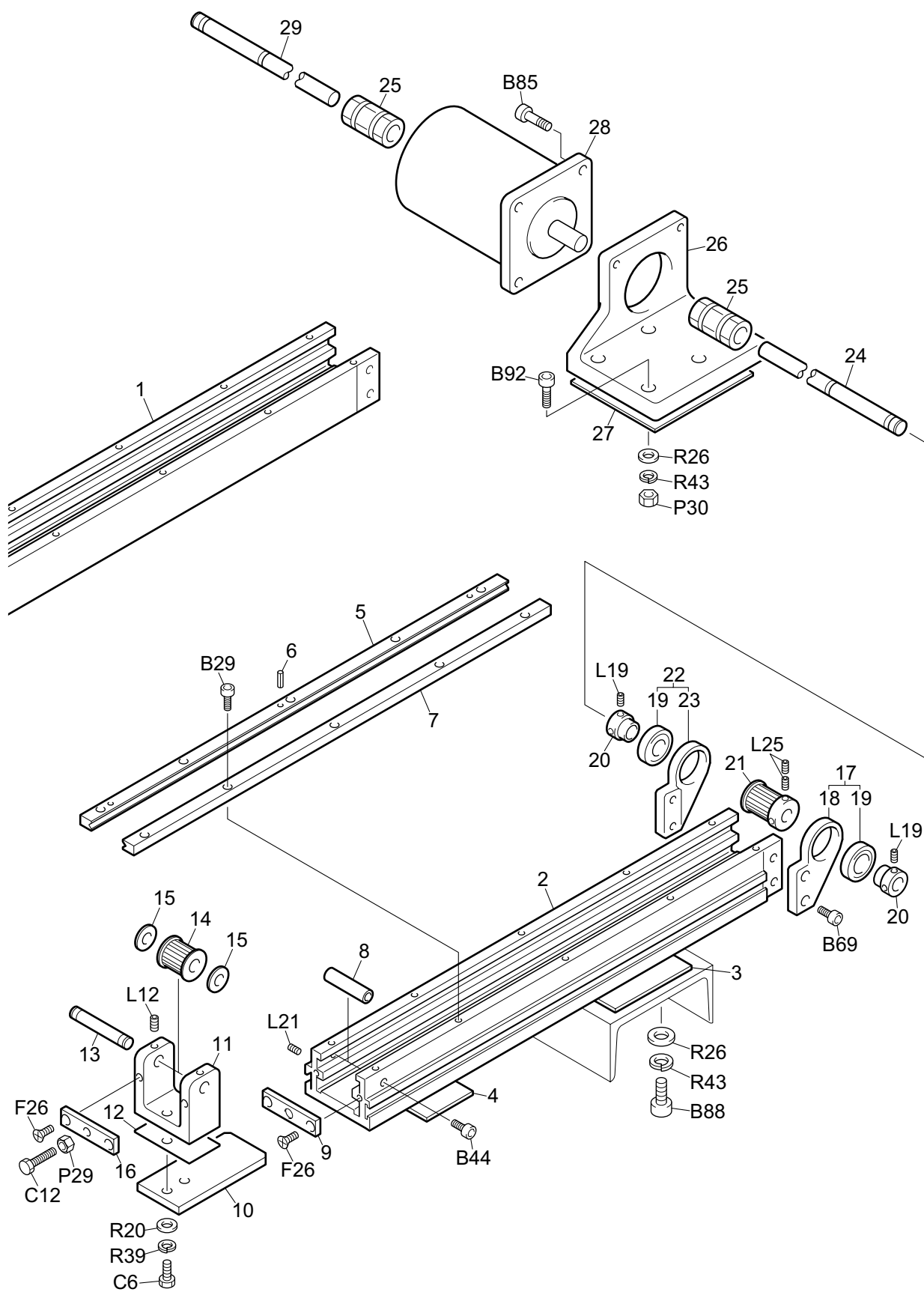
# TMEG-V Y-AXIS DRIVE SYSTEM 1

GV-11-1

| Ref.No. | Description                  | Part No.     | Remark                |
|---------|------------------------------|--------------|-----------------------|
| 1       | Y-axis Feed Plate, Rear A    | MX0703A00000 | Belt Width:35mm       |
| 1       | Y-axis Feed Plate, Rear C    | MX0703C00000 | Belt Width:50mm       |
| 2       | Y-axis Feed Plate, Rear B    | MX0703B00000 | Belt Width:35mm       |
| 2       | Y-axis Feed Plate, Rear D    | MX0703D00000 | Belt Width:50mm       |
| 3       | Presser Roller Base          | EG0715020000 |                       |
| 4       | Roller Base Guide Pin        | EG0718000000 |                       |
| 5       | Bearing Pin A                | EG0778010000 |                       |
| 6       | Roller Pin Spacer            | EG0770000000 |                       |
| 7       | Frame Catcher Plate          | MX0313010000 |                       |
| 8       | Bearing Pin B                | EG0779010000 |                       |
| 9       | Timing Belt                  | BPS5M35N**** | 35mm wide type        |
| 9       | Timing Belt                  | BPS5M50N**** | 50mm wide type        |
| 10      | Belt Catcher Plate A Set     | UN110070A000 | Belt Width:35mm       |
| 10      | Belt Catcher Plate B Set     | UN110070B000 | Belt Width:50mm       |
| 11      | Belt Catcher Plate A         | MX0706A00000 | Belt Width:35mm       |
| 11      | Belt Catcher Plate B         | MX0706B00000 | Belt Width:50mm       |
| 12      | No.1 Roller Set              | EF0709000000 |                       |
| 13      | No.1 Roller                  | EF0709100000 |                       |
| 14      | Liner Plate                  | EF0709200000 |                       |
| 15      | Ball Bearing                 | BPLF1280ZZ00 |                       |
| 16      | Roller Washer                | EF0726000000 |                       |
| 17      | No.1 Roller Connecting Plate | MX0719000000 | Belt Width:35mm       |
| 17      | No.1 Roller Connecting Plate | EGG771000000 | Belt Width:50mm       |
| 18      | LS Dog Base                  | MX0730010000 |                       |
| 19      | Hexagon Bolt                 | EG0780000000 |                       |
| 20      | Limit Switch Base B          | EG0727B10000 | Standard              |
| 20      | Limit Switch Base A          | EG0727A10000 | M,G-Spec.M/C          |
| 21      | Adjusting Knob               | EG0731000000 |                       |
| 22      | Fixing Base                  | EG0730000000 |                       |
| 23      | Limit Switch                 | PB001000SP00 |                       |
| 24      | Actuator                     | MS6602000000 |                       |
| 25      | 0-point Search Plate         | EGG733010000 |                       |
| 26      | Proximity Switch B Set       | UN110160B000 | Standard              |
| 26      | Proximity Switch A Set       | UN110160A000 | M,G-Spec.M/C          |
| 27      | Sensor Attaching Base B      | EG0732B10000 | Standard              |
| 27      | Sensor Attaching Base A      | EG0732A10000 | M,G-Spec.M/C          |
| 28      | Proximity Switch             | EG6601000000 |                       |
| 29      | Proximity Switch Lock        | PB001000KN01 |                       |
| 30      | Y-axis Feed Connecting Plate | MX070400**** |                       |
| 31      | Connecting Plate Felt        | MX0704100000 | Y-space 680mm or more |
| 32      |                              |              |                       |
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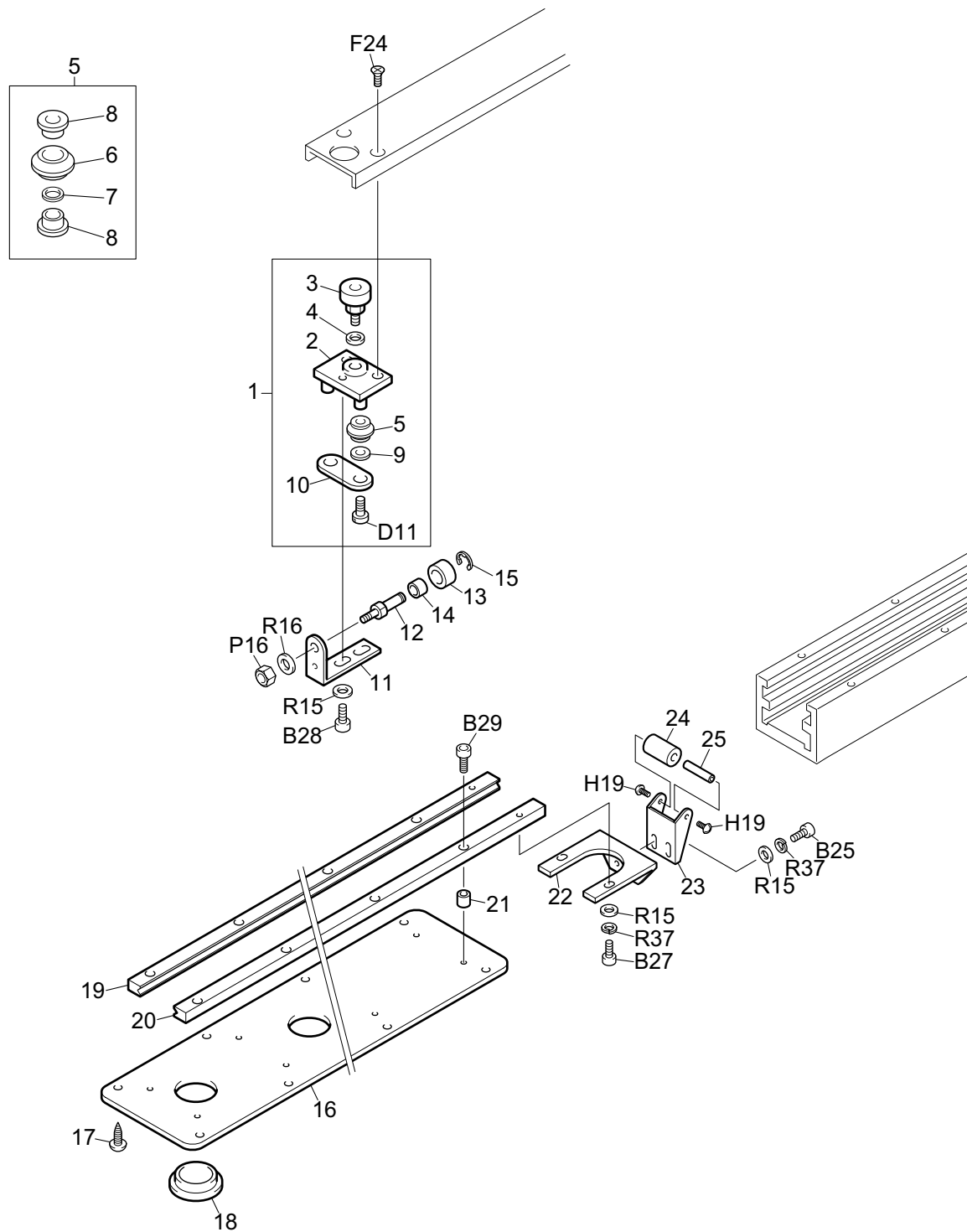
# TMEG-V Y-AXIS DRIVE SYSTEM 2

GV-11-2

| Ref.No. | Description                          | Part No.     | Remark              |
|---------|--------------------------------------|--------------|---------------------|
| 1       | Y-axis Driver Frame A                | MX0701A2**** | Belt Width:35mm     |
| 1       | Y-axis Driver Frame C                | MX0701C2**** | Belt Width:50mm     |
| 2       | Y-axis Driver Frame B                | MX0701B2**** | Belt Width:35mm     |
| 2       | Y-axis Driver Frame D                | MX0701D2**** | Belt Width:50mm     |
| 3       | Driver Cam Base Spacer               | MX083200**** |                     |
| 4       | Driver Spacer C                      | EF083100**** |                     |
| 5       | Y-axis Driver Frame Rail A           | EG0703A1**** |                     |
| 6       | Spring Pin                           | BPSP04120000 | 4P*12               |
| 7       | Y-axis Driver Frame Rail B           | EG0703B1**** |                     |
| 8       | Driver Reinforcing Shaft             | EG0741000000 | Belt Width:35mm     |
| 8       | Driver Reinforcing Shaft             | EGG741000000 | Belt Width:50mm     |
| 9       | Tension Rivet Plate                  | EG0709000000 | Belt Width:35mm     |
| 9       | Tension Rivet Plate                  | EGG709000000 | Belt Width:50mm     |
| 10      | Tension Base                         | EG0707000000 | Belt Width:35mm     |
| 10      | Tension Base                         | EGG707000000 | Belt Width:50mm     |
| 11      | Tension Bearing Case A               | EG0706A00000 | Belt Width:35mm     |
| 11      | Tension Shaft Holder                 | EGG706000000 | Belt Width:50mm     |
| 12      | Tension Base Spacer A                | MX0712A10000 | Belt Width:35mm     |
| 12      | Tension Base Spacer B                | MX0712B10000 | Belt Width:50mm     |
| 13      | Tension Shaft                        | EG0711000000 | Belt Width:35mm     |
| 13      | Tension Shaft                        | EGG711000000 | Belt Width:50mm     |
| 14      | Tension-side Timing Pulley A Set     | UN110030A000 | Belt Width:35mm     |
| 14      | Tension-side Timing Pulley B Set     | UN110030B000 | Belt Width:50mm     |
| 15      | Washer                               | BPTW12250000 |                     |
| 16      | Tension Plate                        | EG0708000000 | Belt Width:35mm     |
| 16      | Tension Plate                        | EGG708000000 | Belt Width:50mm     |
| 17      | Bearing Case Plate BL (with Bearing) | MXL707B0S000 |                     |
| 18      | Bearing Case Plate BL                | MXL707B00000 |                     |
| 19      | Needle Bearing                       | BPHK18120000 |                     |
| 20      | 15mm Dia. Needle Collar              | EF0208000000 |                     |
| 21      | Driver-side Timing Pulley A          | MX0710A00000 | Belt Width:35mm     |
| 21      | Driver-side Timing Pulley B          | MX0710B00000 | Belt Width:50mm     |
| 22      | Bearing Case Plate BR (with Bearing) | MXR707B0S000 |                     |
| 23      | Bearing Case Plate BR                | MXR707B00000 |                     |
| 24      | Y-axis Drive Shaft A                 | MX0809A0**** |                     |
| 25      | N-Coupling                           | BPN150150000 |                     |
| 26      | Pulse Motor Base                     | MX07180A0000 |                     |
| 27      | Motor Base Spacer                    | EF0828000000 | 0.5t,1.0t,2.0t      |
| 28      | Pulse (Stepping) Motor               | EH6404000000 | Standard,M-Spec.M/C |
| 28      | Pulse (Stepping) Motor               | LG6405000000 | G-Spec.M/C only     |
| 29      | Y-axis Drive Shaft B                 | MX0809B1**** |                     |
| 30      |                                      |              |                     |
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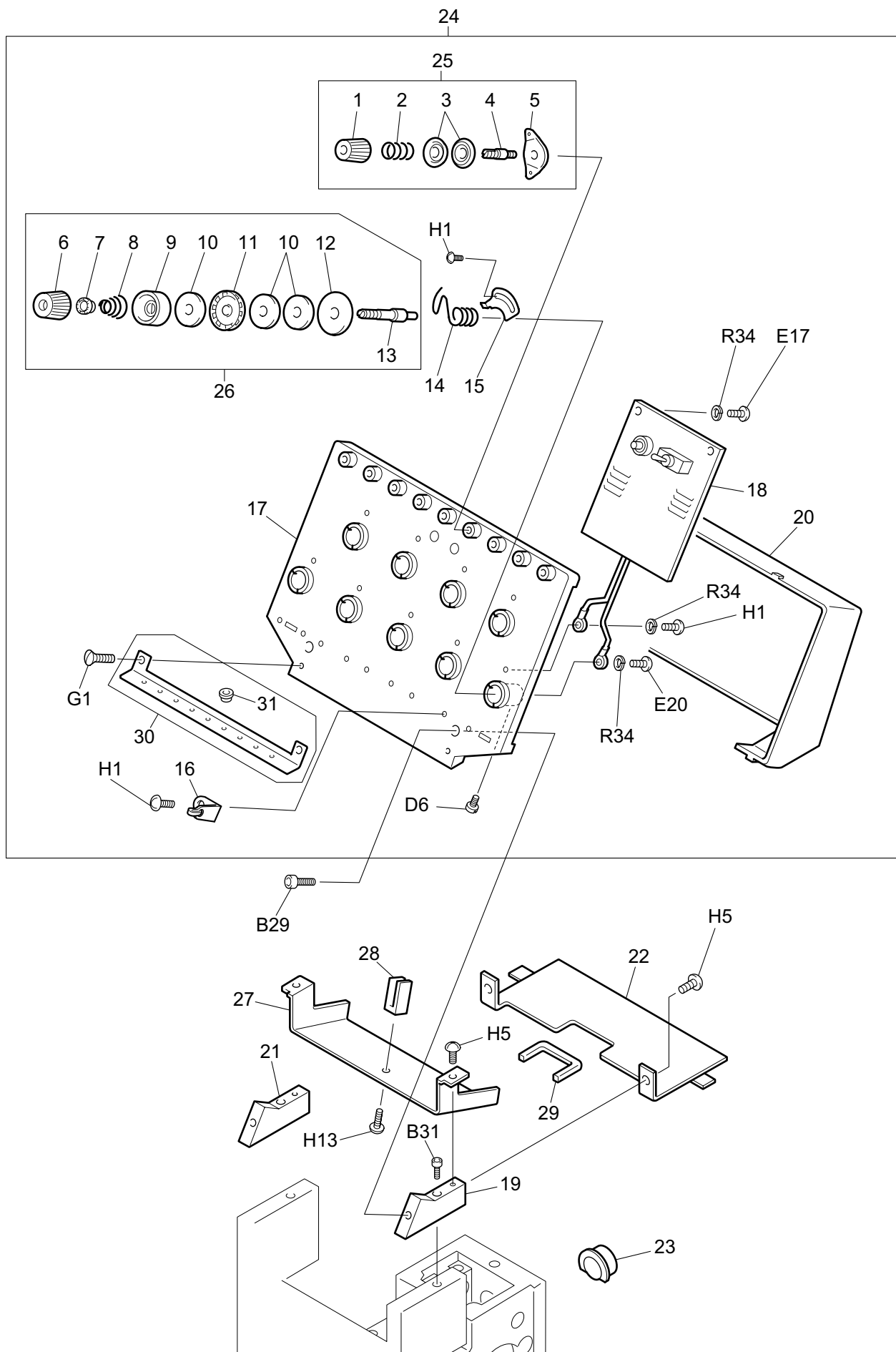
# TMEG-V Y-AXIS DRIVE SYSTEM 3

GV-11-3

| Ref.No. | Description                  | Part No.     | Remark          |
|---------|------------------------------|--------------|-----------------|
| 1       | Y-axis Feed Plate, Front Set | EG0719S5**** |                 |
| 2       | Y-axis Feed Plate, Front     | EG071904**** |                 |
| 3       | Y-axis Feed Plate, Front Pin | EG0777010000 |                 |
| 4       | Roller Pin Spacer            | EG0770000000 |                 |
| 5       | No.1 Roller Set              | EF0709000000 |                 |
| 6       | No.1 Roller                  | EF0709100000 |                 |
| 7       | Liner Plate                  | EF0709200000 |                 |
| 8       | Ball Bearing                 | BPLF1280ZZ00 |                 |
| 9       | Roller Washer                | EF0726000000 |                 |
| 10      | Roller Guide                 | EF0725000000 |                 |
| 11      | Roller Attaching Bracket     | EG0772010000 |                 |
| 12      | Roller Pin                   | EG0773000000 |                 |
| 13      | Roller                       | EG0774000000 |                 |
| 14      | Dry Bearing                  | BPMB0406DU00 |                 |
| 15      | E-ring                       | BPE300000000 |                 |
| 16      | Front Rail Holder            | EF071500**** | Belt Width:35mm |
| 16      | Front Rail Holder            | MX070900**** | Belt Width:50mm |
| 17      | Round Head Wood Screw        |              | 4.5P*20         |
| 18      | Grommet                      | BPMG09003000 |                 |
| 19      | Y-axis Rail, Front L         | EF0714L0**** |                 |
| 20      | Y-axis Rail, Front R         | EF0714R0**** |                 |
| 21      | Rail Spacer                  | EF0716000000 |                 |
| 22      | Bearing Case Base A          | EF0721A10000 |                 |
| 22      | Bearing Case Base B          | EF0721B10000 | For C-2         |
| 23      | Bearing Case                 | EF0720020000 |                 |
| 24      | Roller                       | EF0722000000 |                 |
| 25      | Roller Pin                   | EF0723010000 |                 |
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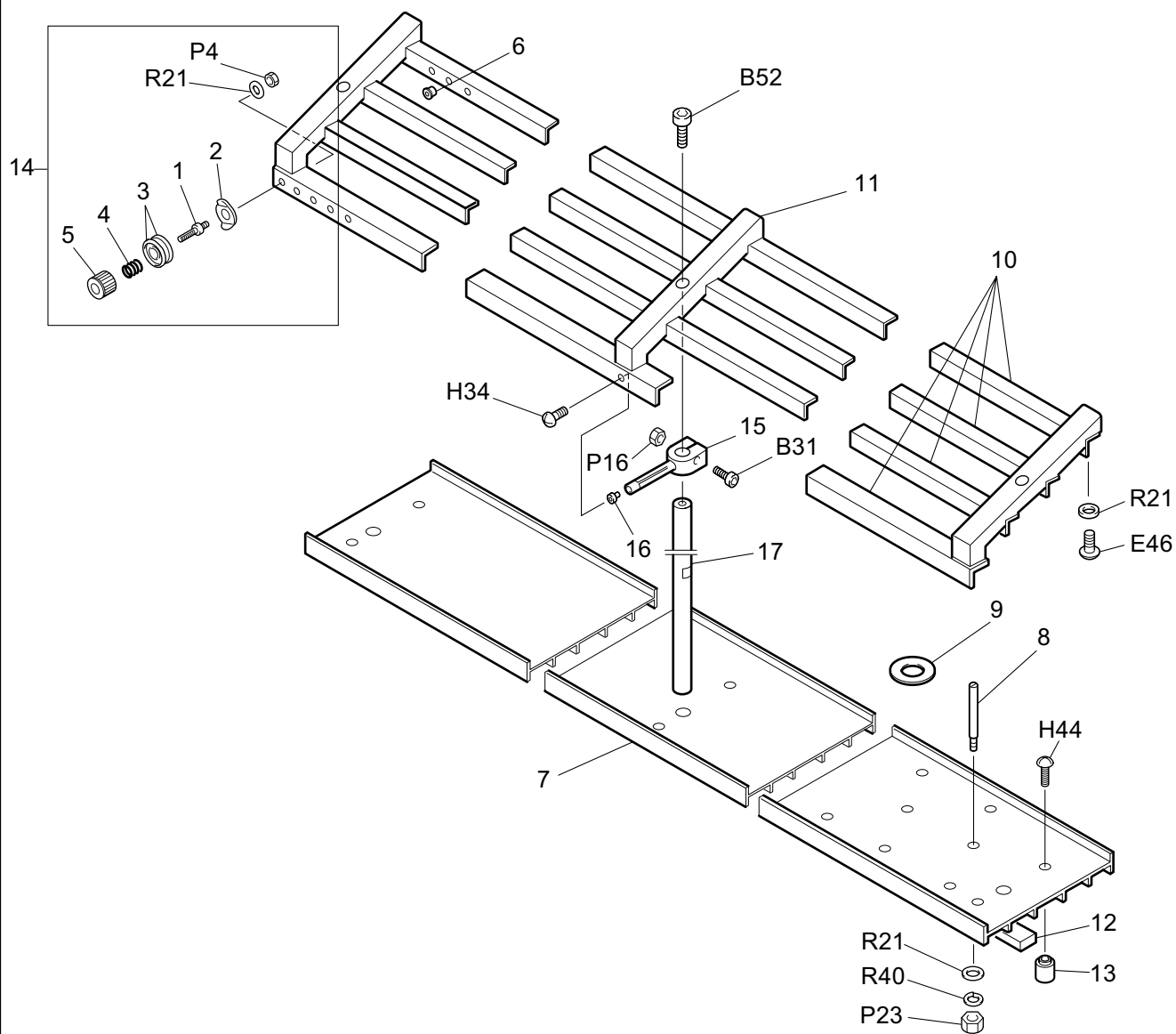
# **TMEG-V INDIVIDUAL TENSION BASE**

**GV-12**

| Ref.No. | Description                             | Part No.     | Remark |
|---------|-----------------------------------------|--------------|--------|
| 1       | First Thread Tension Spring Screw       | LG09220A0000 |        |
| 2       | First Tension Spring B                  | LG0960000000 |        |
| 3       | First Tension Disk                      | LG0920000000 |        |
| 4       | First Tension Stud                      | LG0918010000 |        |
| 5       | First Tension Thread Course             | LG0919010000 |        |
| 6       | Adjusting Screw                         | EF09090A0000 |        |
| 7       | Spring Hook                             | EF0910000000 |        |
| 8       | Tension Spring                          | EF0908000000 |        |
| 9       | Tension Collar                          | EF0906000000 |        |
| 10      | Felt Packing                            | EF0904000000 |        |
| 11      | Rotary Tension Disk                     | EF0905010000 |        |
| 12      | Insulation Plate                        | EF0903000000 |        |
| 13      | Tension Stud                            | LG0923000000 |        |
| 14      | Thread Take-up Spring                   | EF0907010000 |        |
| 15      | Thread Breakage Detecting Contact Point | LG0916000000 |        |
| 16      | Tension Base Middle Thread Guide        | LG0917020000 |        |
| 17      | Individual Tension Base                 | FX09010A#### |        |
| 18      | Tension Base Card (PC Board)            | EG7203030000 |        |
| 19      | Individual Tension Base Support R       | LG0912RA0000 |        |
| 20      | Tension Base Cover                      | FX09030A#### |        |
| 21      | Individual Tension Base Support L       | LG0912LA0000 |        |
| 22      | Tension Base Cord Cover A @(Right Side) | MX0901AA#### |        |
| 22      | Tension Base Cord Cover B (Middle)      | MX0901BA#### |        |
| 22      | Tension Base Cord Cover C (Left Side)   | MX0901CA#### |        |
| 23      | Harness Guard Bushing                   | MX0833010000 |        |
| 24      | Individual Tension Base Set             | UN230023**** |        |
| 25      | First Tension Set                       | UN150500A001 |        |
| 26      | Tension Base Tension Set                | UN2305000001 |        |
| 27      | Cord Support Cover                      | FX09100A#### |        |
| 28      | Harness Clamp                           | MX0902000000 |        |
| 29      | Rubber Bushing                          | PB003400EB00 |        |
| 30      | Tension Base Lower Thread Guide         | CX090100#### |        |
| 31      | Thread Guide                            | MX0521000000 |        |
| 32      |                                         |              |        |
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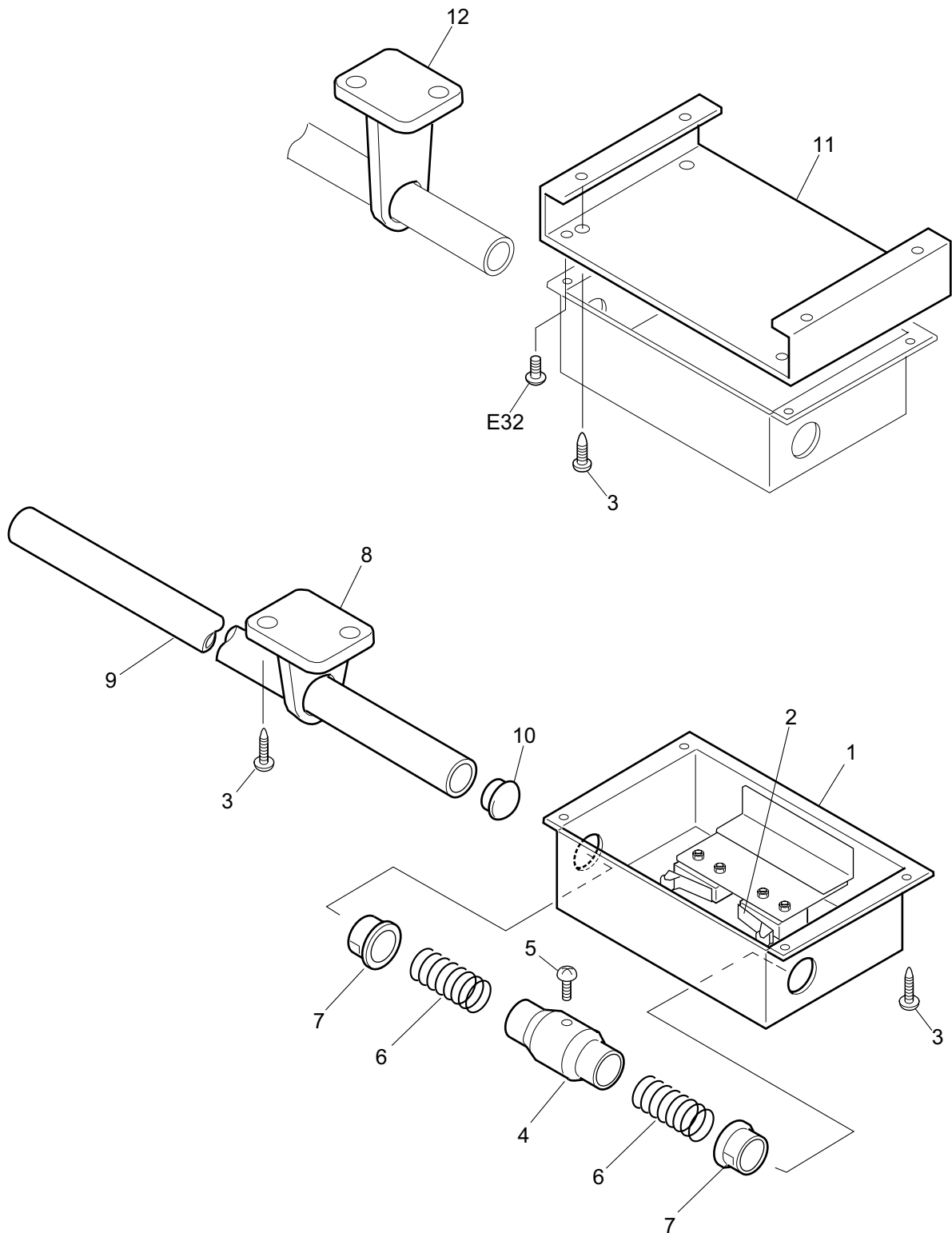
# TMEG-V THREAD STAND

GV-13

| Ref.No. | Description                      | Part No.     | Remark                   |
|---------|----------------------------------|--------------|--------------------------|
| 1       | No.1 Tension Stud                | EC0D30000000 |                          |
| 2       | No.1 Tension Thread Course       | LG0919010000 |                          |
| 3       | No.1 Tension Disk                | LG0920000000 |                          |
| 4       | No.1 Tension Spring B            | LG0960000000 |                          |
| 5       | No.1 Thread Tension Spring Screw | LG09220A0000 |                          |
| 6       | Thread Guide A                   | EF0942A00000 | White                    |
| 6       | Thread Guide B                   | EF0942B00000 | Red                      |
| 7       | Thread Stand Plate               | MX080501**** |                          |
| 8       | Thread Stand Stud                | EF0939010000 |                          |
| 9       | Thread Stand Felt                | EF0940000000 |                          |
| 10      | Thread Course                    | MX080402**** |                          |
| 11      | Thread Course Stay               | MX083000**** |                          |
| 12      | Thread Stand Plate Felt          | MX0805120000 |                          |
| 13      | Thread Stand Plate Spacer        | ED0849000000 |                          |
| 14      | No.1 Tension Set                 | UN150500B001 |                          |
| 15      | Reinforcing Guide                | MX0837010000 |                          |
| 16      | Rubber Bushing                   | BPQ400000000 |                          |
| 17      | Thread Stand Shaft A             | EF0937A20000 |                          |
| 17      | Thread Stand Shaft               | CT0603010000 | For M/C 6246mm or longer |
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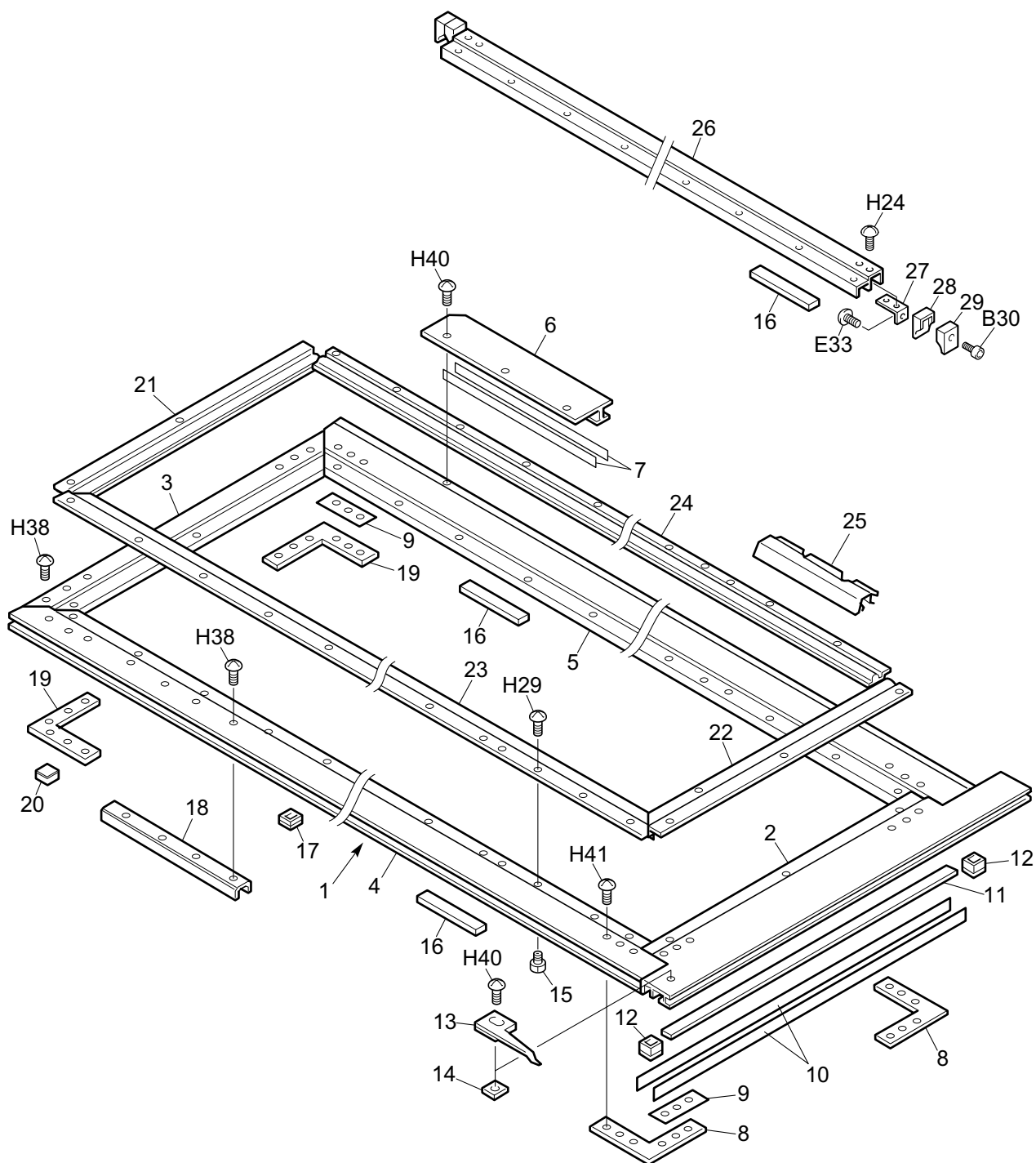
# TMEG-V BAR SWITCH BOX

**GV-14**

| Ref.No. | Description                    | Part No.     | Remark        |
|---------|--------------------------------|--------------|---------------|
| 1       | Bar Switch Box                 | MS5800A00000 |               |
| 2       | Limit Switch                   | PB000100SP00 |               |
| 3       | Round Head Wood Screw          |              | 4.5P*20       |
| 4       | LS Dog                         | EF1104000000 |               |
| 5       | Truss Head Tapping Screw       |              | 4P*16         |
| 6       | Return Spring                  | EF1106000000 |               |
| 7       | Bushing                        | EF1107000000 |               |
| 8       | Bar Switch Support             | EF11080A**** |               |
| 9       | Switch Bar                     | EF110900**** |               |
| 10      | Side Cover Lid                 | EF1109200000 |               |
| 11      | Bar Switch Box Attaching Plate | TC01060A0000 | For Table Cut |
| 12      | Bar Switch Support             | TC01040A0000 | For Table Cut |
| 13      |                                |              |               |
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# TMEG-V EMBROIDERY FRAME A

GV-15a

| Ref.No. | Description                          | Part No.     | Remark     |
|---------|--------------------------------------|--------------|------------|
| 1       | Base Frame Sash Set                  | MX0300S0**** |            |
| 2       | Right Side Y-axis Frame Sash         | MX030100**** |            |
| 3       | Left Side Y-axis Frame Sash          | MX030200**** |            |
| 4       | Front Sash                           | MX030300**** |            |
| 5       | Rear Sash                            | MX030400**** |            |
| 6       | Rear Frame Sash Rail                 | MX030500**** |            |
| 7       | Rail Plate, Crosswise                | MX031100**** |            |
| 8       | Right Corner C                       | MX0306000000 |            |
| 9       | Corner Liner                         | MX0314000000 |            |
| 10      | Rail Plate, Lengthwise               | MX031000**** |            |
| 11      | Right Side Y-axis Sash Felt          | MX0309010000 |            |
| 12      | No.5 Cork Set                        | MX0315020000 |            |
| 13      | Embroidery Space Indicator           | MX0312000000 |            |
| 14      | Embroidery Space Indicator Plate Nut | SF0314000000 |            |
| 15      | Screw Ring                           | EF0303000000 |            |
| 16      | No.4 Felt                            | EG031700**** |            |
| 17      | No.1 Cork Set                        | EG0321020000 |            |
| 18      | Frame Rail                           | EN030200**** |            |
| 19      | Left Corner C                        | MX0307000000 |            |
| 20      | No.3 Cork Set                        | EG0325010000 |            |
| 21      | Border Frame Lengthwise Sash L       | EF0305L1**** |            |
| 22      | Border Frame Lengthwise Sash R       | EF0305R1**** |            |
| 23      | Border Frame Crosswise Sash          | EG031200**** |            |
| 24      | Border Frame Crosswise Sash B        | EG0312B0**** |            |
| 25      | Border Frame Clip                    | EG032600**** | For X-axis |
| 25      | Border Frame Clip B                  | MX0320B0**** | For Y-axis |
| 26      | Middle Sash                          | EG031301**** |            |
| 27      | Inner Frame Attachment C             | EF0311000000 |            |
| 28      | Inner Frame Attachment A             | EF0309000000 |            |
| 29      | Inner Frame Attachment B             | EF0310000000 |            |
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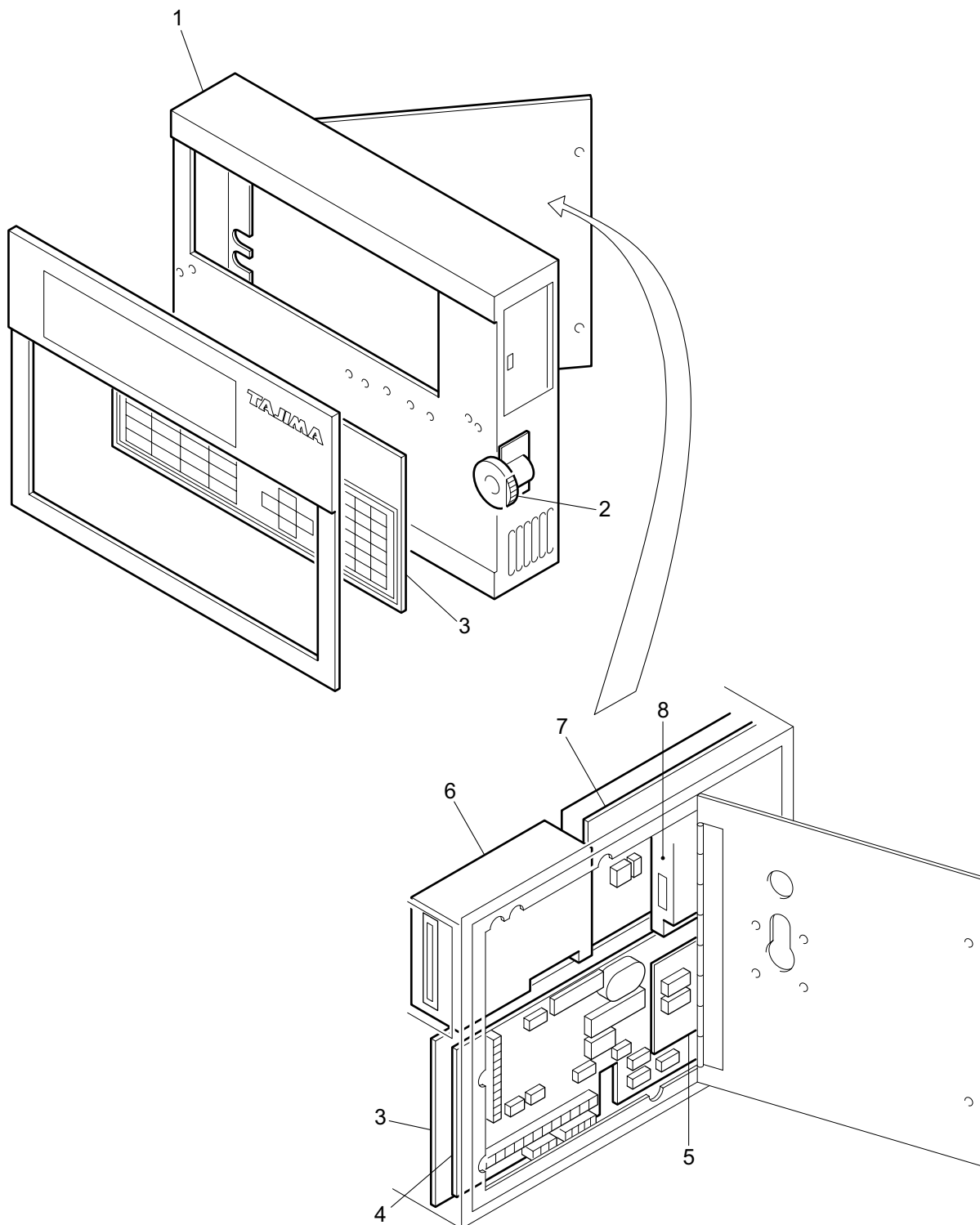
# **TMEG-V EMBROIDERY FRAME B (Z-SPEC.MACHINE)**

**GV-15b**

| Ref.No. | Description                          | Part No.     | Remark          |
|---------|--------------------------------------|--------------|-----------------|
| 1       | Base Frame Sash Set                  | MXZ300S1**** |                 |
| 1       | Base Frame Sash Set                  | MXV300S1**** | G-Spec.M/C only |
| 2       | Right Side Y-axis Frame Sash         | MXZ30100**** |                 |
| 3       | Left Side Y-axis Frame Sash          | MX030200**** |                 |
| 4       | Front Sash                           | MXZ30300**** |                 |
| 4       | Front Sash                           | MXV30300**** | G-Spec.M/C only |
| 5       | Rear Sash                            | MXZ30400**** |                 |
| 5       | Rear Sash                            | MXV30400**** | G-Spec.M/C only |
| 6       | Right Corner C                       | MX0306000000 |                 |
| 7       | Corner Liner                         | MX0314000000 |                 |
| 8       | Rail Plate, Lengthwise               | MX031000**** |                 |
| 9       | Right Side Y-axis Sash Felt          | MX0309010000 |                 |
| 10      | No.5 Cork Set                        | MX0315020000 |                 |
| 11      | Embroidery Space Indicator           | MX0312000000 |                 |
| 12      | Embroidery Space Indicator Plate Nut | SF0314000000 |                 |
| 13      | Screw Ring                           | EF0303000000 |                 |
| 14      | No.4 Felt                            | EG031700**** |                 |
| 15      | No.1 Cork Set                        | EG0321020000 |                 |
| 16      | Frame Rail                           | EN030200**** |                 |
| 17      | Left Corner C                        | MX0307000000 |                 |
| 18      | No.3 Cork Set                        | EG0325010000 |                 |
| 19      | Border Frame Lengthwise Sash L       | EF0305L1**** |                 |
| 20      | Border Frame Lengthwise Sash R       | EF0305R1**** |                 |
| 21      | Border Frame Crosswise Sash          | EG031200**** |                 |
| 22      | Border Frame Crosswise Sash B        | EG0312B0**** |                 |
| 23      | Border Frame Clip                    | EG032600**** | For X-axis      |
| 23      | Border Frame Clip B                  | MX0320B0**** | For Y-axis      |
| 24      | Y-axis Feed Plate, Rear A            | MXZ703A10000 | Belt Width:35mm |
| 24      | Y-axis Feed Plate, Rear A            | MXV703A10000 | Belt Width:50mm |
| 25      | Y-axis Feed Plate, Rear D            | MXZ703D10000 |                 |
| 26      | Y-axis Feed Plate, Rear C            | MXZ703C10000 |                 |
| 27      | Y-axis Feed Connecting Plate         | EFZ70201**** |                 |
| 28      | Reinforcing Sash Spacer              | MXZ312000000 |                 |
| 29      | Reinforcing Sash                     | MXZ31001**** |                 |
| 29      | Reinforcing Sash                     | MXV31001**** | G-Spec.M/C only |
| 30      | Rail Plate, Crosswise                | MX031100**** |                 |
| 31      | Felt                                 |              | 91.5*50*1t      |
| 32      | Bearing Pin A                        | MXZ314A00000 |                 |
| 33      | Bearing Pin B                        | MXZ314B00000 |                 |
| 34      | Reinforcing Sash Connecting Bracket  | MXZ305020000 |                 |
| 35      | Bracket Spacer                       | MXZ306020000 |                 |
| 36      | Connecting Bracket Felt A            | MXZ315A00000 |                 |
| 37      | Connecting Bracket Felt B            | MXZ315B00000 |                 |
| 38      | Reinforcing Sash Cover               | MXZ31101**** |                 |
| 38      | Reinforcing Sash Cover               | MXV31101**** | G-Spec.M/C only |
| 39      | Z-spec. Frame Sash Cover Stud        | MXZ313000000 |                 |
| 40      | Middle Sash                          | FC031201**** |                 |
| 41      | Inner Frame Attachment C             | EF0311000000 |                 |
| 42      | Inner Frame Attachment A             | EF0309000000 |                 |
| 43      | Inner Frame Attachment B             | EF0310000000 |                 |

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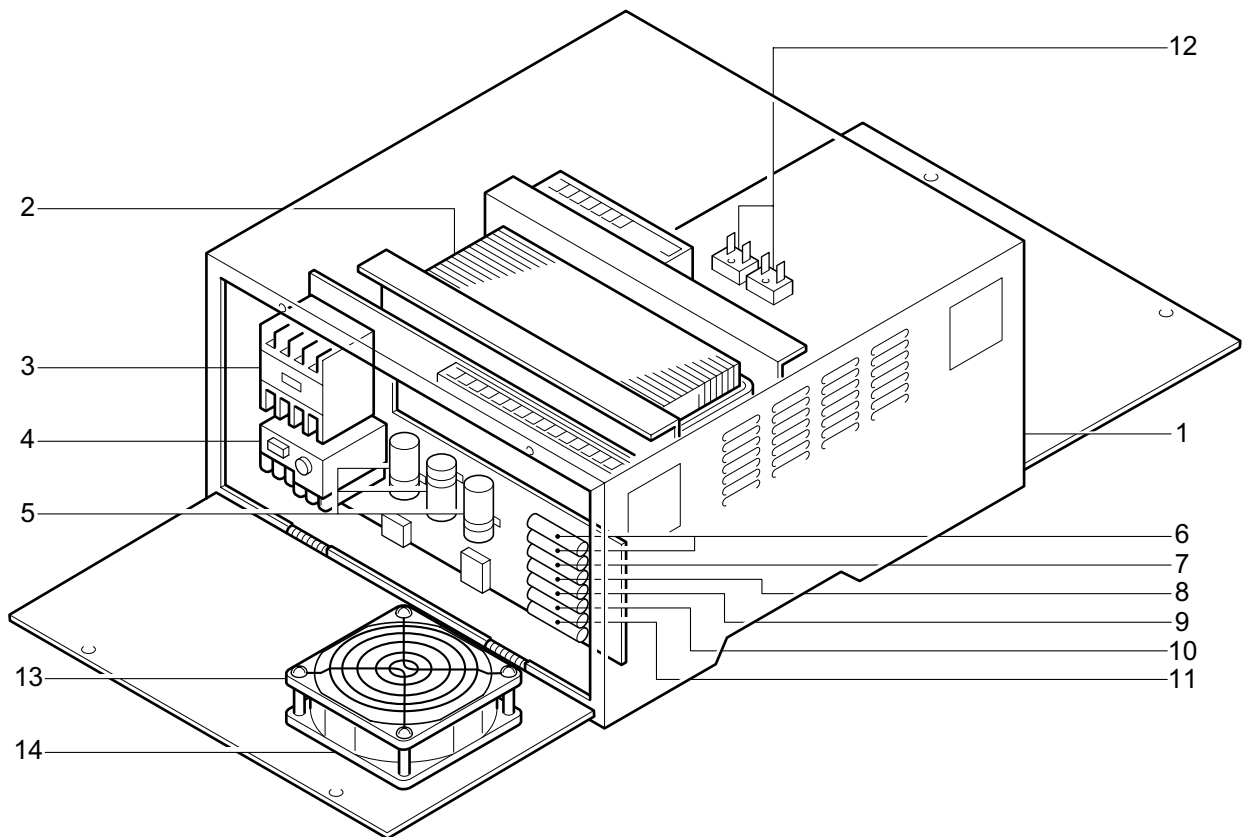
# **TMEG-V OPERATION PANEL BOX**

**GV-16**

| Ref.No. | Description         | Part No.     | Remark                    |
|---------|---------------------|--------------|---------------------------|
| 1       | Operation Panel Box | EG5200E30000 | Japanese                  |
| 1       | Operation Panel Box | EG5200F30000 | English                   |
| 1       | Operation Panel Box | EG5200G30000 | Chinese                   |
| 1       | Operation Panel Box | EG5200H30000 | Korean                    |
| 2       | 6-Contrast 2 Card   | EG5207000000 |                           |
| 3       | Membrane Switch     | EG5205010000 | Japanese                  |
| 3       | Membrane Switch     | EG5205A10000 | English                   |
| 3       | Membrane Switch     | EG5205B10000 | Chinese                   |
| 3       | Membrane Switch     | EG5205D10000 | Korean                    |
| 4       | Panel-24 Card A     | EG5211000000 |                           |
| 5       | KOREAN-ROM Card     | EG5213000000 | Optional for Korean Spec. |
| 6       | Floppy Disk Drive   | PB000700RE00 |                           |
| 7       | LCD Module          | PB000100LP00 |                           |
| 8       | DC Power Supply     | PB002000PW00 |                           |
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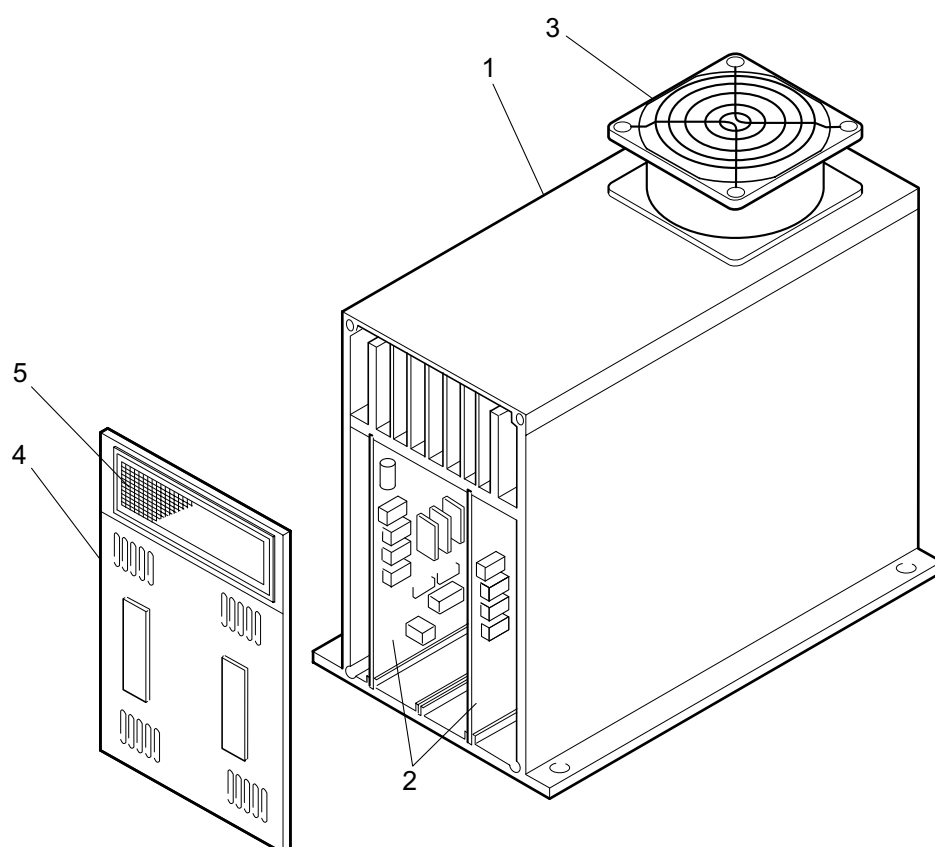
# **TMEG-V POWER SUPPLY BOX**

GV-17

| Ref.No. | Description                | Part No.     | Remark |
|---------|----------------------------|--------------|--------|
| 1       | Power Supply Box           | EG5604C10000 |        |
| 2       | Transformer                | PB004600TV00 |        |
| 3       | Electro-magnetic Contactor | PB000600KM00 |        |
| 4       | Thermal Relay              | PB001200KA00 |        |
| 5       | Surge Absorber             | PB000200RS00 |        |
| 6       | Glass Tube Fuse            | PA5042A00000 |        |
| 7       | Glass Tube Fuse            | PA5002F00000 |        |
| 8       | Glass Tube Fuse            | PA5002200000 |        |
| 9       | Glass Tube Fuse            | PA5002A00000 |        |
| 10      | Glass Tube Fuse            | PA5002800000 |        |
| 11      | Glass Tube Fuse            | PA5002100000 |        |
| 12      | Receptacle                 | PB000200PA00 |        |
| 13      | Fan                        | PB000100BF00 |        |
| 14      | Air Filter                 | PB000200ZM00 |        |
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# **TMEG-V DRIVER BOX**

**GV-18**

| Ref.No. | Description            | Part No.     | Remark |
|---------|------------------------|--------------|--------|
| 1       | Driver Box             | EH5403A10000 |        |
| 2       | Driver Card (PC Board) | EH5404060000 |        |
| 3       | Fan                    | PB000700BF00 |        |
| 4       | Driver Box Front Panel | EH5405A00000 |        |
| 5       | Air Filter             | PB000600ZM00 |        |
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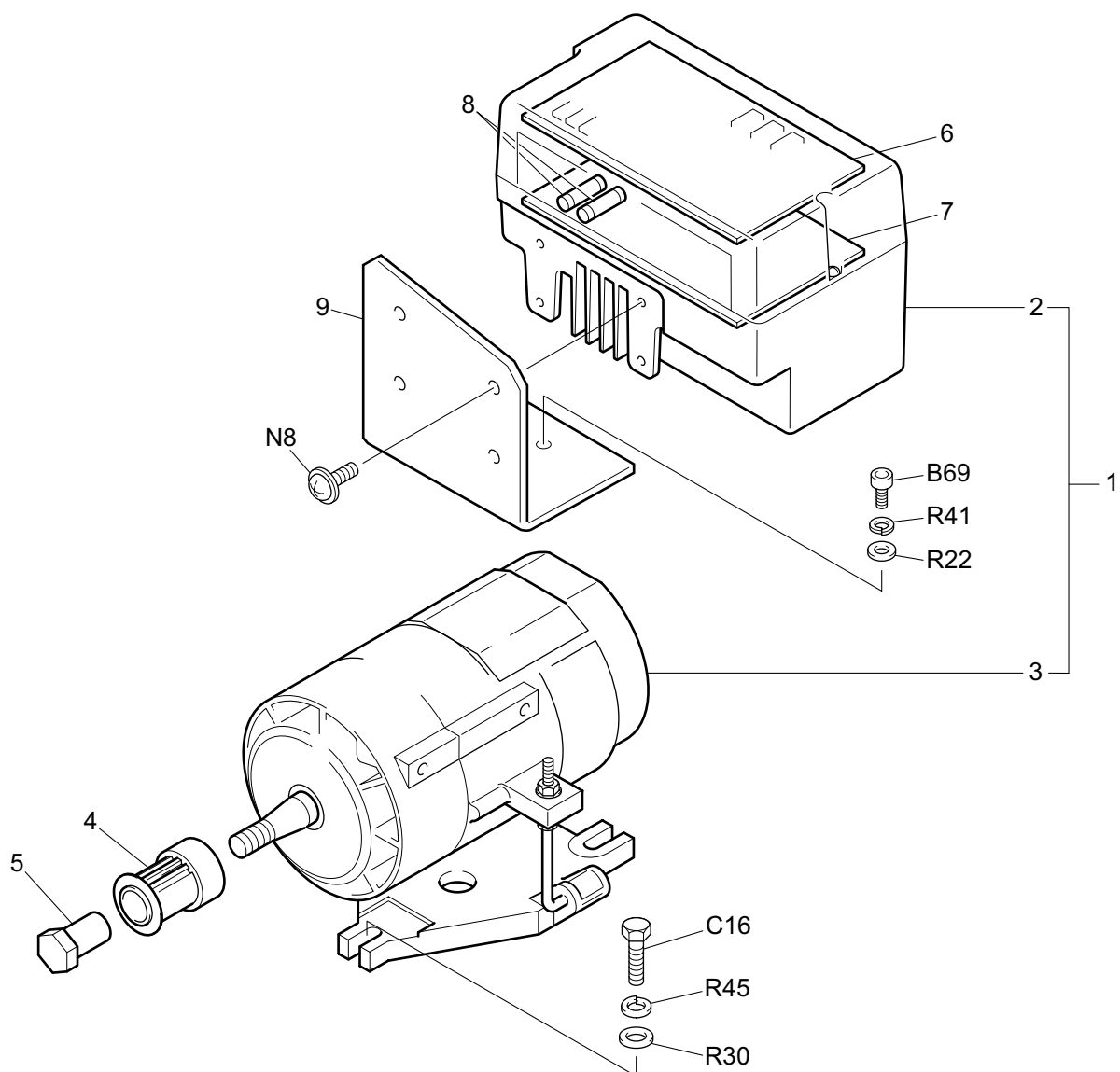
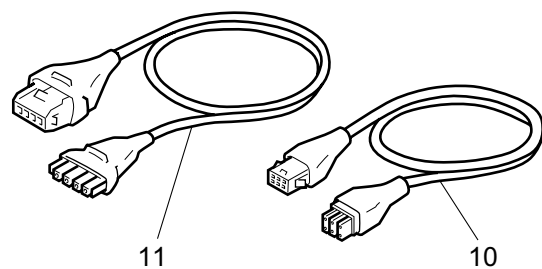
# **TMEG-V CONTROLLER BOX**

**GV-19**

| Ref.No. | Description            | Part No.     | Remark   |
|---------|------------------------|--------------|----------|
| 1       | Controller Box         | EG5108C00000 |          |
| 2       | DC Power Supply        | PB000601PW00 |          |
| 3       | DC Power Supply        | PB003000PW00 |          |
| 4       | Mother-1 Card          | EG5104000000 |          |
| 5       | Transformer            | PB000100TV00 |          |
| 6       | Joint 27 Card          | EG5109010000 |          |
| 7       | Memory-2 Card          | EG5105010000 | Optional |
| 7       | Memory-3 Card          | EG5105A00000 | Optional |
| 8       | Diode                  | PB000100DS00 |          |
| 9       | Diode                  | PB001400DS00 |          |
| 10      | Relay                  | PB000100KM00 |          |
| 11      | Resistor               | PB000100RA00 |          |
| 12      | Resistor               | PB000200RA00 |          |
| 13      | Resistor               | PB000900RA00 |          |
| 14      | Electrolytic Condenser | PB000100CA00 |          |
| 15      | Electrolytic Condenser | PB000200CA00 |          |
| 16      | DC Power Supply        | PB000800PW00 |          |
| 17      | Glass Tube Fuse        | PA5002500000 |          |
| 18      | CPU 3 Card             | EG5110000000 |          |
| 19      | I/O 12A Card           | EG5103030000 |          |
| 20      | Fan                    | PB000100BF00 |          |
| 21      | Air Filter             | PB000200ZM00 |          |
| 22      | Serial I/F Cable       | EG5106000000 |          |
| 23      | PRT I/F Cable          | EG5107000000 |          |
| 24      | Receptacle             | PB000200PA00 |          |
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# **TMEG-V MAIN SHAFT MOTOR**

**GV-20**

| Ref.No. | Description                       | Part No.     | Remark                 |
|---------|-----------------------------------|--------------|------------------------|
| 1       | Main Shaft Motor Assembly         | ED6211010000 |                        |
| 2       | Main Shaft Motor Control Box      | ED6212010000 |                        |
| 3       | Main Shaft Motor                  | ED6202000000 |                        |
| 4       | Drive Pulley                      | C50102000000 |                        |
| 5       | Drive Pulley Nut                  | C50103000000 |                        |
| 6       | A Card                            | ED6213010000 |                        |
| 7       | B Card                            | ED6214000000 |                        |
| 8       | Glass Tube Fuse                   | PA5012K00000 |                        |
| 9       | Motor Control Box Bracket         | ED0801A10000 |                        |
| 10      | Main Shaft Motor Extension Cord A | ED6204000000 | For Encoder            |
| 11      | Main Shaft Motor Extension Cord B | ED6205000000 | For Motor Power Supply |
| 12      |                                   |              |                        |
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| 38      |                                   |              |                        |
| 39      |                                   |              |                        |
| 40      |                                   |              |                        |
| 41      |                                   |              |                        |
| 42      |                                   |              |                        |
| 43      |                                   |              |                        |
| 44      |                                   |              |                        |
| 45      |                                   |              |                        |
| 46      |                                   |              |                        |
| 47      |                                   |              |                        |
| 48      |                                   |              |                        |
| 49      |                                   |              |                        |
| 50      |                                   |              |                        |

Note: As for parts with marks # or \*, please follow our instructions on Table of Contents in your parts order.

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| No.      | Part No.                             | Remark                    | No.        | Part No.     | Remark    |
|----------|--------------------------------------|---------------------------|------------|--------------|-----------|
| <b>A</b> | <b>Flat Fillister Head Screw</b>     |                           | <b>B19</b> | SS6203200TN0 | M 3 × 2 0 |
| A1       | SM15015450CN                         | 1 / 8 × 4 4 × 5           | B20        | SS6203250TN0 | M 3 × 2 5 |
| A2       | SM15015460CN                         | 1 / 8 × 4 4 × 6           | B21        | SS6204050TD0 | M 4 × 5   |
| A3       | SM16515530CN                         | 9 / 6 4 × 4 0 × 3         | B22        | SS6204050TN0 | M 4 × 5   |
| A4       | SM14020540CN                         | 9 / 6 4 × 4 0 × 4         | B23        | SS6204060TN0 | M 4 × 6   |
| A5       | SM16516540SA                         | 9 / 6 4 × 4 0 × 4         | B24        | SS6204080TD0 | M 4 × 8   |
| A6       | SM17010540CN                         | 9 / 6 4 × 4 0 × 4         | B25        | SS6204080TN0 | M 4 × 8   |
| A7       | SM1E515550CN                         | 9 / 6 4 × 4 0 × 5         | B26        | SS6204100TD0 | M 4 × 1 0 |
| A8       | SM14020560CN                         | 9 / 6 4 × 4 0 × 6         | B27        | SS6204100TN0 | M 4 × 1 0 |
| A9       | SM15525560CN                         | 9 / 6 4 × 4 0 × 6         | B28        | SS6204120TD0 | M 4 × 1 2 |
| A10      | SM15526570CN                         | 9 / 6 4 × 4 0 × 7         | B29        | SS6204120TN0 | M 4 × 1 2 |
| A11      | SM15020580CN                         | 9 / 6 4 × 4 0 × 8         | B30        | SS6204150TN0 | M 4 × 1 5 |
| A12      | SM15530580CN                         | 9 / 6 4 × 4 0 × 8         | B31        | SS6204180TN0 | M 4 × 1 8 |
| A13      | SM150205A0CN                         | 9 / 6 4 × 4 0 × 1 0       | B32        | SS6204200TD0 | M 4 × 2 0 |
| A14      | SM150205C0CN                         | 9 / 6 4 × 4 0 × 1 2       | B33        | SS6204200TN0 | M 4 × 2 0 |
| A15      | SM150205F0CN                         | 9 / 6 4 × 4 0 × 1 5       | B34        | SS6204250TN0 | M 4 × 2 5 |
| A16      | SM15422643TN                         | 1 1 / 6 4 × 4 0 × 4 . 3   | B35        | SS6204250TN1 | M 4 × 2 5 |
| A17      | SM17017670CN                         | 1 1 / 6 4 × 4 0 × 7       | B36        | SS6204300TN0 | M 4 × 3 0 |
| A18      | SM1C035675CN                         | 1 1 / 6 4 × 4 0 × 7 . 5   | B37        | SS6204350TN0 | M 4 × 3 5 |
| A19      | SM10825690SH                         | 1 1 / 6 4 × 4 0 × 9       | B38        | SS6204400TN0 | M 4 × 4 0 |
| A20      | SM146266B5CN                         | 1 1 / 6 4 × 4 0 × 1 1 . 5 | B39        | SS6204450TN0 | M 4 × 4 5 |
| A21      | SM172316C0CN                         | 1 1 / 6 4 × 4 0 × 1 2     | B40        | SS6205060TN0 | M 5 × 6   |
| A22      | SS6003080SC0                         | M 3 × 8                   | B41        | SS6205080TD0 | M 5 × 8   |
| A23      | SS6003080SD0                         | M 3 × 8                   | B42        | SS6205080TN0 | M 5 × 8   |
| A24      | SS6003100CC0                         | M 3 × 1 0                 | B43        | SS6205100TD0 | M 5 × 1 0 |
| A25      | SS6004100SC0                         | M 4 × 1 0                 | B44        | SS6205100TN0 | M 5 × 1 0 |
|          |                                      |                           | B45        | SS6205100TP0 | M 5 × 1 0 |
|          |                                      |                           | B46        | SS6205120TN0 | M 5 × 1 2 |
|          |                                      |                           | B47        | SS6205140TN0 | M 5 × 1 4 |
|          |                                      |                           | B48        | SS6205150TD0 | M 5 × 1 5 |
|          |                                      |                           | B49        | SS6205150TN0 | M 5 × 1 5 |
| <b>B</b> | <b>Hexagon Socket Head Cap Screw</b> |                           | B50        | SS6205160TN0 | M 5 × 1 6 |
| B1       | SS6202080TD0                         | M 2 × 8                   | B51        | SS6205180TN0 | M 5 × 1 8 |
| B2       | SS6202100TD0                         | M 2 × 1 0                 | B52        | SS6205200TD0 | M 5 × 2 0 |
| B3       | SS6276050TN0                         | M 2 . 6 × 5               | B53        | SS6205200TN0 | M 5 × 2 0 |
| B4       | SS6203030TN0                         | M 3 × 3                   | B54        | SS6205220TN0 | M 5 × 2 2 |
| B5       | SS6203040TN0                         | M 3 × 4                   | B55        | SS6205230TN0 | M 5 × 2 3 |
| B6       | SS6203050TN0                         | M 3 × 5                   | B56        | SS6205250TN0 | M 5 × 2 5 |
| B7       | SS6203060TD0                         | M 3 × 6                   | B57        | SS6205300TN0 | M 5 × 3 0 |
| B8       | SS6203060TN0                         | M 3 × 6                   | B58        | SS6205350TN0 | M 5 × 3 5 |
| B9       | SS6203080TD0                         | M 3 × 8                   | B59        | SS6205350TN1 | M 5 × 3 5 |
| B10      | SS6203080TN0                         | M 3 × 8                   | B60        | SS6205500TN0 | M 5 × 5 0 |
| B11      | SS6203100TD0                         | M 3 × 1 0                 | B61        | SS6205500TN1 | M 5 × 5 0 |
| B12      | SS6203100TN0                         | M 3 × 1 0                 | B62        | SS6205550TN0 | M 5 × 5 5 |
| B13      | SS6203120TN0                         | M 3 × 1 2                 | B63        | SS6205600TN0 | M 5 × 6 0 |
| B14      | SS6203150TD0                         | M 3 × 1 5                 | B64        | SS6205600TN1 | M 5 × 6 0 |
| B15      | SS6203150TN0                         | M 3 × 1 5                 | B65        | SS6206080TN0 | M 6 × 8   |
| B16      | SS6203160TN0                         | M 3 × 1 6                 | B66        | SS6206090TN0 | M 6 × 9   |
| B17      | SS6203180TN0                         | M 3 × 1 8                 | B67        | SS6206100TN0 | M 6 × 1 0 |
| B18      | SS6203200TD0                         | M 3 × 2 0                 | B68        | SS6206120TN0 | M 6 × 1 2 |

# B · C · D · E

| No.                                    | Part No.     | Remark    | No.                                 | Part No.     | Remark            |
|----------------------------------------|--------------|-----------|-------------------------------------|--------------|-------------------|
| <b>B</b> Hexagon Socket Head Cap Screw |              |           | <i>C13</i>                          | SS9306750SC0 | M6 × 7.5          |
| <i>B69</i>                             | SS6206150TN0 | M6 × 1.5  | <i>C14</i>                          | SS9308150TN0 | M8 × 1.5          |
| <i>B70</i>                             | SS6206180TN0 | M6 × 1.8  | <i>C15</i>                          | SS9310300TN0 | M10 × 3.0         |
| <i>B71</i>                             | SS6206200TN0 | M6 × 2.0  | <i>C16</i>                          | SS9310350SC0 | M10 × 3.5         |
| <i>B72</i>                             | SS6206250TN0 | M6 × 2.5  | <i>C17</i>                          | SS9310350TN0 | M10 × 3.5         |
| <i>B73</i>                             | SS6206300TN0 | M6 × 3.0  | <i>C18</i>                          | SS9310400SC1 | M10 × 4.0         |
| <i>B74</i>                             | SS6206350TN0 | M6 × 3.5  | <i>C19</i>                          | SS9312500TN0 | M12 × 5.0         |
| <i>B75</i>                             | SS6206400TN0 | M6 × 4.0  |                                     |              |                   |
| <i>B76</i>                             | SS6206450TN0 | M6 × 4.5  |                                     |              |                   |
| <i>B77</i>                             | SS6206450TN1 | M6 × 4.5  |                                     |              |                   |
| <i>B78</i>                             | SS6206500TN1 | M6 × 5.0  |                                     |              |                   |
| <i>B79</i>                             | SS6206650TN0 | M6 × 6.5  |                                     |              |                   |
| <i>B80</i>                             | SS6206800TN1 | M6 × 8.0  | <b>D</b> Round Fillister Head Screw |              |                   |
| <i>B81</i>                             | SS6206A00TN0 | M6 × 10.0 | <i>D1</i>                           | SM66514540CL | 9/64 × 4.0 × 4    |
| <i>B82</i>                             | SS6208120TN0 | M8 × 1.2  | <i>D2</i>                           | SM66015550CL | 9/64 × 4.0 × 5    |
| <i>B83</i>                             | SS6208150TN0 | M8 × 1.5  | <i>D3</i>                           | SM66015550CN | 9/64 × 4.0 × 5    |
| <i>B84</i>                             | SS6208150TP0 | M8 × 1.5  | <i>D4</i>                           | SM67018550CN | 9/64 × 4.0 × 5    |
| <i>B85</i>                             | SS6208200TN0 | M8 × 2.0  | <i>D5</i>                           | SM67020550CN | 9/64 × 4.0 × 5    |
| <i>B86</i>                             | SS6208250TN0 | M8 × 2.5  | <i>D6</i>                           | SM66015560CL | 9/64 × 4.0 × 6    |
| <i>B87</i>                             | SS6208300TN0 | M8 × 3.0  | <i>D7</i>                           | SM66015560CN | 9/64 × 4.0 × 6    |
| <i>B88</i>                             | SS6208350TN0 | M8 × 3.5  | <i>D8</i>                           | SM67020560CL | 9/64 × 4.0 × 6    |
| <i>B89</i>                             | SS6208400TN0 | M8 × 4.0  | <i>D9</i>                           | SM67020560CN | 9/64 × 4.0 × 6    |
| <i>B90</i>                             | SS6208400TN1 | M8 × 4.0  | <i>D10</i>                          | SM65817568CN | 9/64 × 4.0 × 6.8  |
| <i>B91</i>                             | SS6208450TN0 | M8 × 4.5  | <i>D11</i>                          | SM67020580CN | 9/64 × 4.0 × 8    |
| <i>B92</i>                             | SS6208450TN1 | M8 × 4.5  | <i>D12</i>                          | SM660255A0CN | 9/64 × 4.0 × 10   |
| <i>B93</i>                             | SS6208500TN0 | M8 × 5.0  | <i>D13</i>                          | SM670205C0CN | 9/64 × 4.0 × 12   |
| <i>B94</i>                             | SS6208600TN0 | M8 × 6.0  | <i>D14</i>                          | SM67015660CL | 11/64 × 4.0 × 6   |
| <i>B95</i>                             | SS6208750TN0 | M8 × 7.5  | <i>D15</i>                          | SM67010665CL | 11/64 × 4.0 × 6.5 |
| <i>B96</i>                             | SS6210250TN0 | M10 × 2.5 | <i>D16</i>                          | SM675306C0CN | 11/64 × 4.0 × 12  |
| <i>B97</i>                             | SS6210300TN0 | M10 × 3.0 | <i>D17</i>                          | SM675256F0CN | 11/64 × 4.0 × 15  |
| <i>B98</i>                             | SS6210400TN0 | M10 × 4.0 | <i>D18</i>                          | SM69065CQ5CN | 9/32 × 2.8 × 24.5 |
| <i>B99</i>                             | SS6212300TN0 | M12 × 3.0 | <i>D19</i>                          | SS7003050SD0 | M3 × 5            |
|                                        |              |           |                                     |              |                   |
|                                        |              |           |                                     |              |                   |
|                                        |              |           |                                     |              |                   |
|                                        |              |           |                                     |              |                   |
|                                        |              |           |                                     |              |                   |
|                                        |              |           |                                     |              |                   |
| <b>C</b> Hexagon Bolt                  |              |           | <b>E</b> Pan Head Screw             |              |                   |
| <i>C1</i>                              | SS9303060SD0 | M3 × 6    | <i>E1</i>                           | SS4164014MZ0 | M1.4 × 1.4        |
| <i>C2</i>                              | SS9304080SD0 | M4 × 8    | <i>E2</i>                           | SS4102030MZ0 | M2 × 3            |
| <i>C3</i>                              | SS9305100SD0 | M5 × 1.0  | <i>E3</i>                           | SS4102040MZ0 | M2 × 4            |
| <i>C4</i>                              | SS9305150SC0 | M5 × 1.5  | <i>E4</i>                           | SS4102080MZ0 | M2 × 8            |
| <i>C5</i>                              | SS9305150SD0 | M5 × 1.5  | <i>E5</i>                           | SS4175030MZ0 | M2.5 × 3          |
| <i>C6</i>                              | SS9305200SD0 | M5 × 2.0  | <i>E6</i>                           | SS4175040MZ0 | M2.5 × 4          |
| <i>C7</i>                              | SS9306150SC0 | M6 × 1.5  | <i>E7</i>                           | SS4175050MZ0 | M2.5 × 5          |
| <i>C8</i>                              | SS9306450SD0 | M6 × 4.5  | <i>E8</i>                           | SS4175080MZ0 | M2.5 × 8          |
| <i>C9</i>                              | SS9306500SC0 | M6 × 5.0  | <i>E9</i>                           | SS4175130MZ0 | M2.5 × 13         |
| <i>C10</i>                             | SS9306500SD0 | M6 × 5.0  | <i>E10</i>                          | SS4175130SD0 | M2.5 × 13         |
| <i>C11</i>                             | SS9306550SD0 | M6 × 5.5  | <i>E11</i>                          | SS4103030MZ0 | M3 × 3            |
| <i>C12</i>                             | SS9306650SD0 | M6 × 6.5  | <i>E12</i>                          | SS4103030SD0 | M3 × 3            |

| No.        | Part No.               | Remark              | No.        | Part No.                     | Remark               |
|------------|------------------------|---------------------|------------|------------------------------|----------------------|
| <i>E</i>   | Pan Head Screw         |                     | <i>F4</i>  | SS1103040MZ0                 | M 3 × 4              |
| <i>E13</i> | SS4103040CD0           | M 3 × 4             | <i>F5</i>  | SS1103040SD0                 | M 3 × 4              |
| <i>E14</i> | SS4103040MZ0           | M 3 × 4             | <i>F6</i>  | SS1103050SD0                 | M 3 × 5              |
| <i>E15</i> | SS4103040SD0           | M 3 × 4             | <i>F7</i>  | SS1003060SD0                 | M 3 × 6              |
| <i>E16</i> | SS4103050MZ0           | M 3 × 5             | <i>F8</i>  | SS1103060MZ0                 | M 3 × 6              |
| <i>E17</i> | SS4103050SD0           | M 3 × 5             | <i>F9</i>  | SS1103060SD0                 | M 3 × 6              |
| <i>E18</i> | SS4103060MZ0           | M 3 × 6             | <i>F10</i> | SS1103070SD0                 | M 3 × 7              |
| <i>E19</i> | SS4103060SA0           | M 3 × 6             | <i>F11</i> | SS1003080SD0                 | M 3 × 8              |
| <i>E20</i> | SS4103060SD0           | M 3 × 6             | <i>F12</i> | SS1103080MZ0                 | M 3 × 8              |
| <i>E21</i> | SS4103080MZ0           | M 3 × 8             | <i>F13</i> | SS1103080SC0                 | M 3 × 8              |
| <i>E22</i> | SS4103080SA0           | M 3 × 8             | <i>F14</i> | SS1103080SD0                 | M 3 × 8              |
| <i>E23</i> | SS4103080SD0           | M 3 × 8             | <i>F15</i> | SS1103080SN0                 | M 3 × 8              |
| <i>E24</i> | SS4103100SC1           | M 3 × 1 0           | <i>F16</i> | SS1103100SD0                 | M 3 × 1 0            |
| <i>E25</i> | SS4103100SD0           | M 3 × 1 0           | <i>F17</i> | SS1103120MZ0                 | M 3 × 1 2            |
| <i>E26</i> | SS4103120SD0           | M 3 × 1 2           | <i>F18</i> | SS1103120SD0                 | M 3 × 1 2            |
| <i>E27</i> | SS4103140SA0           | M 3 × 1 4           | <i>F19</i> | SS1103150MZ0                 | M 3 × 1 5            |
| <i>E28</i> | SS4103140SD0           | M 3 × 1 4           | <i>F20</i> | SS1103160SD0                 | M 3 × 1 6            |
| <i>E29</i> | SS4103150SD0           | M 3 × 1 5           | <i>F21</i> | SS1104050SD0                 | M 4 × 5              |
| <i>E30</i> | SS4103400SD1           | M 3 × 4 0           | <i>F22</i> | SS1104060SD0                 | M 4 × 6              |
| <i>E31</i> | SS4103500SD1           | M 3 × 5 0           | <i>F23</i> | SS1104080MZ0                 | M 4 × 8              |
| <i>E32</i> | SS4104040SD0           | M 4 × 4             | <i>F24</i> | SS1104080SD0                 | M 4 × 8              |
| <i>E33</i> | SS4104050SD0           | M 4 × 5             | <i>F25</i> | SS1104100MZ0                 | M 4 × 1 0            |
| <i>E34</i> | SS4104060MZ0           | M 4 × 6             | <i>F26</i> | SS1104100SD0                 | M 4 × 1 0            |
| <i>E35</i> | SS4104060SD0           | M 4 × 6             | <i>F27</i> | SS1104120SD0                 | M 4 × 1 2            |
| <i>E36</i> | SS4104080SD0           | M 4 × 8             | <i>F28</i> | SS1104140SD0                 | M 4 × 1 4            |
| <i>E37</i> | SS4104100SD0           | M 4 × 1 0           | <i>F29</i> | SS1104150SD0                 | M 4 × 1 5            |
| <i>E38</i> | SS4104120SD0           | M 4 × 1 2           | <i>F30</i> | SS1104200SD0                 | M 4 × 2 0            |
| <i>E39</i> | SS4104150SD0           | M 4 × 1 5           | <i>F31</i> | SS1104220SD0                 | M 4 × 2 2            |
| <i>E40</i> | SS4104180SD0           | M 4 × 1 8           | <i>F32</i> | SS1104250SD0                 | M 4 × 2 5            |
| <i>E41</i> | SS4104500SD0           | M 4 × 5 0           | <i>F33</i> | SS1105060SD0                 | M 5 × 6              |
| <i>E42</i> | SS4104600SD1           | M 4 × 6 0           | <i>F34</i> | SS1105080SD0                 | M 5 × 8              |
| <i>E43</i> | SS4105060SD0           | M 5 × 6             | <i>F35</i> | SS1105100SD0                 | M 5 × 1 0            |
| <i>E44</i> | SS4105070SD0           | M 5 × 7             | <i>F36</i> | SS1105120SD0                 | M 5 × 1 2            |
| <i>E45</i> | SS4105080SD0           | M 5 × 8             | <i>F37</i> | SS1105150SD0                 | M 5 × 1 5            |
| <i>E46</i> | SS4105100MZ0           | M 5 × 1 0           | <i>F38</i> | SS1105300SD0                 | M 5 × 3 0            |
| <i>E47</i> | SS4105100SD0           | M 5 × 1 0           | <i>F39</i> | SS1105350SD0                 | M 5 × 3 5            |
| <i>E48</i> | SS4105120SD0           | M 5 × 1 2           | <i>F40</i> | SS1106150SC0                 | M 6 × 1 5            |
| <i>E49</i> | SS4105300SD1           | M 5 × 1 2           | <i>F41</i> | SS1106150SD0                 | M 6 × 1 5            |
| <i>E50</i> | SS4105150SD0           | M 5 × 1 5           | <i>F42</i> | SS1106350SD0                 | M 6 × 3 5            |
| <i>E51</i> | SS4105500SD1           | M 5 × 5 0           | <i>F43</i> | SS1108120SD0                 | M 8 × 1 2            |
| <i>E52</i> | SS4105600SD1           | M 5 × 6 0           | <i>F44</i> | SS1108700TN0                 | M 8 × 7 0            |
|            |                        |                     |            |                              |                      |
|            |                        |                     |            |                              |                      |
|            |                        |                     |            |                              |                      |
|            |                        |                     |            |                              |                      |
|            |                        |                     |            |                              |                      |
| <i>F</i>   | Countersunk Head Screw |                     | <i>G</i>   | Round Countersunk Head Screw |                      |
| <i>F1</i>  | SMA55005A0CN           | 9 / 6 4 × 4 0 × 1 0 | <i>G1</i>  | SMC5000460CL                 | 1 / 8 × 4 4 × 6      |
| <i>F2</i>  | SMB7000680CN           | 1 1 / 6 4 × 4 0 × 8 | <i>G2</i>  | SMC5000530CL                 | 9 / 6 4 × 4 0 × 3    |
| <i>F3</i>  | SS1102060SD0           | M 2 × 6             | <i>G3</i>  | SMC5000535CL                 | 9 / 6 4 × 4 0 × 3. 5 |

# G · H · J · K

| No.         | Part No.                     | Remark               | No.         | Part No.          | Remark                 |
|-------------|------------------------------|----------------------|-------------|-------------------|------------------------|
| <b>G</b>    | Round Countersunk Head Screw |                      | <i>H4 0</i> | SS0105100SD0      | M 5 × 1 0              |
| <i>G4</i>   | SMC5000540CL                 | 9 / 6 4 × 4 0 × 4    | <i>H4 1</i> | SS0105120SD0      | M 5 × 1 2              |
| <i>G5</i>   | SMC5000560CL                 | 9 / 6 4 × 4 0 × 6    | <i>H4 2</i> | SS0105150SD0      | M 5 × 1 5              |
| <i>G6</i>   | SMC5000570CL                 | 9 / 6 4 × 4 0 × 7    | <i>H4 3</i> | SS0105200SD0      | M 5 × 2 0              |
| <i>G7</i>   | SMC5000595CL                 | 9 / 6 4 × 4 0 × 9. 5 | <i>H4 4</i> | SS0105250SD0      | M 5 × 2 5              |
|             |                              |                      | <i>H4 5</i> | SS0106080SD0      | M 6 × 8                |
|             |                              |                      | <i>H4 6</i> | SS0106100SD0      | M 6 × 1 0              |
|             |                              |                      | <i>H4 7</i> | SS0106220SD0      | M 6 × 2 2              |
|             |                              |                      | <i>H4 8</i> | SS0106250SD0      | M 6 × 2 5              |
|             |                              |                      | <i>H4 9</i> | SS0106350SD0      | M 6 × 3 5              |
| <b>H</b>    | Truss Head Screw             |                      | <i>H5 0</i> | SS0106400SD0      | M 6 × 4 0              |
| <i>H1</i>   | SMF6016470CL                 | 1 / 8 × 4 4 × 7      |             |                   |                        |
| <i>H2</i>   | SMF8020530CL                 | 9 / 6 4 × 4 0 × 3. 5 |             |                   |                        |
| <i>H3</i>   | SMF8020540CL                 | 9 / 6 4 × 4 0 × 4    |             |                   |                        |
| <i>H4</i>   | SME9510540CM                 | 9 / 6 4 × 4 0 × 4    |             |                   |                        |
| <i>H5</i>   | SMF8020560CL                 | 9 / 6 4 × 4 0 × 6    |             |                   |                        |
| <i>H6</i>   | SMF8020580CL                 | 9 / 6 4 × 4 0 × 8    | <b>J</b>    | Round Head Screw  |                        |
| <i>H7</i>   | SS0175030MZ0                 | M 2. 5 × 3           | <i>J 1</i>  | SS3102030MZ0      | M 2 × 3                |
| <i>H8</i>   | SS0175030SD0                 | M 2. 5 × 3           | <i>J 2</i>  | SS3103080SD0      | M 3 × 8                |
| <i>H9</i>   | SS0175040MZ0                 | M 2. 5 × 4           | <i>J 3</i>  | SS3103080SE0      | M 3 × 8                |
| <i>H1 0</i> | SS0175040SA0                 | M 2. 5 × 4           | <i>J 4</i>  | SS3103100MZ0      | M 3 × 1 0              |
| <i>H1 1</i> | SS0175040SD0                 | M 2. 5 × 4           |             |                   |                        |
| <i>H1 2</i> | SS0103030MZ0                 | M 3 × 3              |             |                   |                        |
| <i>H1 3</i> | SS0103040SD0                 | M 3 × 4              |             |                   |                        |
| <i>H1 4</i> | SS0103050MZ0                 | M 3 × 5              |             |                   |                        |
| <i>H1 5</i> | SS0103050SD0                 | M 3 × 5              |             |                   |                        |
| <i>H1 6</i> | SS0103060MZ0                 | M 3 × 6              | <b>K</b>    | Slotted Set Screw |                        |
| <i>H1 7</i> | SS0103060SD0                 | M 3 × 6              | <i>K1</i>   | SMK0000435CN      | 1 / 8 × 4 4 × 3. 5     |
| <i>H1 8</i> | SS0103060SA0                 | M 3 × 6              | <i>K2</i>   | SMK0000560CN      | 9 / 6 4 × 4 0 × 6      |
| <i>H1 9</i> | SS0103080SD0                 | M 3 × 8              | <i>K3</i>   | SMK0000625CN      | 1 1 / 6 4 × 4 0 × 2. 5 |
| <i>H2 0</i> | SS0103080SA0                 | M 3 × 8              | <i>K4</i>   | SMK0000635CN      | 1 1 / 6 4 × 4 0 × 3. 5 |
| <i>H2 1</i> | SS0103100MZ0                 | M 3 × 1 0            | <i>K5</i>   | SMK0000640CN      | 1 1 / 6 4 × 4 0 × 4    |
| <i>H2 2</i> | SS0103100SD0                 | M 3 × 1 0            | <i>K6</i>   | SMK0000650CN      | 1 1 / 6 4 × 4 0 × 5    |
| <i>H2 3</i> | SS0103200SD0                 | M 3 × 2 0            | <i>K7</i>   | SMK0000A50CN      | 1 5 / 6 4 × 2 8 × 5    |
| <i>H2 4</i> | SS0104050SD0                 | M 4 × 5              | <i>K8</i>   | SMK0000AA0CN      | 1 5 / 6 4 × 2 8 × 1 0  |
| <i>H2 5</i> | SS0104060MZ0                 | M 4 × 6              | <i>K9</i>   | SMK0000AF0CN      | 1 5 / 6 4 × 2 8 × 1 5  |
| <i>H2 6</i> | SS0104060SD0                 | M 4 × 6              | <i>K1 0</i> | SMK0000AH0CN      | 1 5 / 6 4 × 2 8 × 1 7  |
| <i>H2 7</i> | SS0104080MZ0                 | M 4 × 8              | <i>K1 1</i> | SMK0000B40CN      | 1 / 4 × 4 0 × 4        |
| <i>H2 8</i> | SS0104080SD0                 | M 4 × 8              | <i>K1 2</i> | SMK0000B45CN      | 1 / 4 × 4 0 × 4. 5     |
| <i>H2 9</i> | SS0104080SD2                 | M 4 × 8              | <i>K1 3</i> | SMK0000B50CN      | 1 / 4 × 4 0 × 5        |
| <i>H3 0</i> | SS0104100MZ0                 | M 4 × 1 0            | <i>K1 4</i> | SMK0000B60CN      | 1 / 4 × 4 0 × 6        |
| <i>H3 1</i> | SS0104100SD0                 | M 4 × 1 0            | <i>K1 5</i> | SMK0000B80CN      | 1 / 4 × 4 0 × 8        |
| <i>H3 2</i> | SS0104120SD0                 | M 4 × 1 2            | <i>K1 6</i> | SMK0000CC0CN      | 9 / 3 2 × 2 8 × 1 2    |
| <i>H3 3</i> | SS0104150SD0                 | M 4 × 1 5            | <i>K1 7</i> | SS8005060TN0      | M 5 × 6                |
| <i>H3 4</i> | SS0104200SD0                 | M 4 × 2 0            |             |                   |                        |
| <i>H3 5</i> | SS0105050SD0                 | M 5 × 5              |             |                   |                        |
| <i>H3 6</i> | SS0105060SD0                 | M 5 × 6              |             |                   |                        |
| <i>H3 7</i> | SS0105070SD0                 | M 5 × 7              |             |                   |                        |
| <i>H3 8</i> | SS0105080SD0                 | M 5 × 8              |             |                   |                        |
| <i>H3 9</i> | SS0105100CB0                 | M 5 × 1 0            |             |                   |                        |

| No.          | Part No.                         | Remark              | No.          | Part No.     | Remark                  |
|--------------|----------------------------------|---------------------|--------------|--------------|-------------------------|
| <b>L</b>     | Hexagon Socket Head Set Screw    |                     | <i>N3</i>    | SSA004080000 | M 4 × 8                 |
| <i>L 1</i>   | SMJ0000420CN                     | 1 / 8 × 4 4 × 2     | <i>N4</i>    | SSA004100000 | M 4 × 1 0               |
| <i>L 2</i>   | SMJ0000640CN                     | 1 1 / 6 4 × 4 0 × 4 | <i>N5</i>    | SSA004550000 | M 4 × 5 5               |
| <i>L 3</i>   | SMJ0000660CN                     | 1 1 / 6 4 × 4 0 × 6 | <i>N6</i>    | SSA005100000 | M 5 × 1 0               |
| <i>L 4</i>   | SMJ0000680CN                     | 1 1 / 6 4 × 4 0 × 8 | <i>N7</i>    | SSA005120000 | M 5 × 1 2               |
| <i>L 5</i>   | SS8203020TN0                     | M 3 × 2             | <i>N8</i>    | SSA005140000 | M 5 × 1 4               |
| <i>L 6</i>   | SS8203030TN0                     | M 3 × 3             | <i>N9</i>    | SSA005180000 | M 5 × 1 8               |
| <i>L 7</i>   | SS8203040TN0                     | M 3 × 4             |              |              |                         |
| <i>L 8</i>   | SS8203050TN0                     | M 3 × 5             |              |              |                         |
| <i>L 9</i>   | SS8203060TN0                     | M 3 × 6             |              |              |                         |
| <i>L 1 0</i> | SS8204030TN0                     | M 4 × 3             |              |              |                         |
| <i>L 1 1</i> | SS8204040TN0                     | M 4 × 4             |              |              |                         |
| <i>L 1 2</i> | SS8204050TN0                     | M 4 × 5             | <b>P</b>     | Nut          |                         |
| <i>L 1 3</i> | SS8204060TN0                     | M 4 × 6             | <i>P 1</i>   | SMN046030CNO | 1 / 8 × 4 4 × 6 × 3     |
| <i>L 1 4</i> | SS8204060TN1                     | M 4 × 6             | <i>P 2</i>   | SMN056030CNO | 9 / 6 4 × 4 0 × 6 × 3   |
| <i>L 1 5</i> | SS8204080TN0                     | M 4 × 8             | <i>P 3</i>   | SMN066020CNO | 1 1 / 6 4 × 4 0 × 6 × 2 |
| <i>L 1 6</i> | SS8204100TN0                     | M 4 × 1 0           | <i>P 4</i>   | SMN066030CNO | 1 1 / 6 4 × 4 0 × 6 × 3 |
| <i>L 1 7</i> | SS8204120TN0                     | M 4 × 1 2           | <i>P 5</i>   | SMN067030CNO | 1 1 / 6 4 × 4 0 × 7 × 3 |
| <i>L 1 8</i> | SS8205040TN0                     | M 5 × 4             | <i>P 6</i>   | SMN167030CNO | 1 1 / 6 4 × 4 0 × 7 × 3 |
| <i>L 1 9</i> | SS8205050TN0                     | M 5 × 5             | <i>P 7</i>   | SSN002SD0000 | M 2 Type 1              |
| <i>L 2 0</i> | SS8205060TN0                     | M 5 × 6             | <i>P 8</i>   | SSN073SD0000 | M 2 . 3 Type 1          |
| <i>L 2 1</i> | SS8205080TN0                     | M 5 × 8             | <i>P 9</i>   | SSN075MZ0000 | M 2 . 5 Type 1          |
| <i>L 2 2</i> | SS8205100TN0                     | M 5 × 1 0           | <i>P 1 0</i> | SSN003MZ0000 | M 3 Type 1              |
| <i>L 2 3</i> | SS8205120TN0                     | M 5 × 1 2           | <i>P 1 1</i> | SSN003SC0000 | M 3 Type 1              |
| <i>L 2 4</i> | SS8205150TN0                     | M 5 × 1 5           | <i>P 1 2</i> | SSN003SD0000 | M 3 Type 1              |
| <i>L 2 5</i> | SS8206050TN0                     | M 6 × 5             | <i>P 1 3</i> | SSN403SD0000 | M 3 Thumbscrew Type 2   |
| <i>L 2 6</i> | SS8206060TN0                     | M 6 × 6             | <i>P 1 4</i> | SSN203SC0000 | M 3 Type 3              |
| <i>L 2 7</i> | SS8206080TN0                     | M 6 × 8             | <i>P 1 5</i> | SSN285SC0000 | M 3 . 5 Type 3          |
| <i>L 2 8</i> | SS8206100TN0                     | M 6 × 1 0           | <i>P 1 6</i> | SSN004SC0000 | M 4 Type 1              |
| <i>L 2 9</i> | SS8206180TN0                     | M 6 × 1 8           | <i>P 1 7</i> | SSN004SD0000 | M 4 Type 1              |
| <i>L 3 0</i> | SS8208080TN0                     | M 8 × 8             | <i>P 1 8</i> | SSN204SC0000 | M 4 Type 3              |
| <i>L 3 1</i> | SS8208100TN0                     | M 8 × 1 0           | <i>P 1 9</i> | SSN204SD0000 | M 4 Type 3              |
| <i>L 3 2</i> | SS8208150TN0                     | M 8 × 1 5           | <i>P 2 0</i> | SSN005SC0000 | M 5 Type 1              |
|              |                                  |                     | <i>P 2 1</i> | SSN005SD0000 | M 5 Type 1              |
|              |                                  |                     | <i>P 2 2</i> | SSN205SC0000 | M 5 Type 3              |
|              |                                  |                     | <i>P 2 3</i> | SSN205SD0000 | M 5 Type 3              |
|              |                                  |                     | <i>P 2 4</i> | SSN605SD0000 | M 5 Cap Screw           |
|              |                                  |                     | <i>P 2 5</i> | SSN006SC0000 | M 6 Type 1              |
| <b>M</b>     | Hexagon Socket Head Button Screw |                     | <i>P 2 6</i> | SSN006SC1000 | M 6 Type 1 (Left)       |
| <i>M 1</i>   | SS3203050SC0                     | M 3 × 5             | <i>P 2 7</i> | SSN006SD0000 | M 6 Type 1              |
| <i>M 2</i>   | SS3204060SC0                     | M 4 × 6             | <i>P 2 8</i> | SSN006SD1000 | M 6 Type 1 (Left)       |
| <i>M 3</i>   | SS3205100SC0                     | M 5 × 1 0           | <i>P 2 9</i> | SSN206SC0000 | M 6 Type 3              |
|              |                                  |                     | <i>P 3 0</i> | SSN008SC0000 | M 8 Type 1              |
|              |                                  |                     | <i>P 3 1</i> | SSN008SD0000 | M 8 Type 1              |
|              |                                  |                     | <i>P 3 2</i> | SSN208SC0000 | M 8 Type 3              |
|              |                                  |                     | <i>P 3 3</i> | SSN208SD0000 | M 8 Type 3              |
|              |                                  |                     | <i>P 3 4</i> | SSN010SC0000 | M 1 0 Type 1            |
| <b>N</b>     | Screw with Washer                |                     | <i>P 3 5</i> | SSN710CD0000 | M 1 0 with Flange       |
| <i>N 1</i>   | SSA003080000                     | M 3 × 8             | <i>P 3 6</i> | SSN710SC0000 | M 1 0 with Flange       |
| <i>N 2</i>   | SSA003180000                     | M 3 × 1 8           | <i>P 3 7</i> | SSN012SC0000 | M 1 2 Type 1            |

# P · R

| No.        | Part No.     | Remark                   | No.        | Part No.     | Remark        |
|------------|--------------|--------------------------|------------|--------------|---------------|
| <i>P</i>   | Nut          |                          | <i>R41</i> | WSS060000KC0 | Spring M6     |
| <i>P38</i> | SSN212SC0000 | M12 Type 3               | <i>R42</i> | WSS060000KD0 | Spring M6     |
| <i>P39</i> | SSN216SC0000 | M16 Type 3               | <i>R43</i> | WSS080000KC0 | Spring M8     |
| <i>P40</i> | SSN020SC0000 | M20 Type 1               | <i>R44</i> | WSS080000KD0 | Spring M8     |
|            |              |                          | <i>R45</i> | WSS100000KC0 | Spring M10    |
|            |              |                          | <i>R46</i> | WSS120000KC0 | Spring M12    |
|            |              |                          | <i>R47</i> | WSW06B003TP0 | Wave M4       |
|            |              |                          | <i>R48</i> | WSW06A503TN0 | Wave M4       |
|            |              |                          | <i>R49</i> | WSL048505TP0 | With teeth M4 |
| <i>R</i>   | Washer       |                          | <i>R50</i> | WSN080000SC0 | Slant M8      |
| <i>R1</i>  | WSP640303MZ0 | Plain M1.4 × 3 × 0.3 t   |            |              |               |
| <i>R2</i>  | WSP023505XZ0 | Plain M2 × 3.5 × 0.5 t   |            |              |               |
| <i>R3</i>  | WSP767505XB0 | Plain M2.6 × 7.5 × 0.5 t |            |              |               |
| <i>R4</i>  | WSP036003XZ0 | Plain M3 × 6 × 0.3 t     |            |              |               |
| <i>R5</i>  | WSP036005SC0 | Plain M3 × 6 × 0.5 t     |            |              |               |
| <i>R6</i>  | WSP037005SD0 | Plain M3 × 7 × 0.5 t     |            |              |               |
| <i>R7</i>  | WSP038003SD0 | Plain M3 × 8 × 0.3 t     |            |              |               |
| <i>R8</i>  | WSP038005MZ0 | Plain M3 × 8 × 0.5 t     |            |              |               |
| <i>R9</i>  | WSP038005SC0 | Plain M3 × 8 × 0.5 t     |            |              |               |
| <i>R10</i> | WSP038005SD0 | Plain M3 × 8 × 0.5 t     |            |              |               |
| <i>R11</i> | WSP038100SD0 | Plain M3 × 8 × 1 t       |            |              |               |
| <i>R12</i> | WSP048005SD0 | Plain M4 × 8 × 0.5 t     |            |              |               |
| <i>R13</i> | WSP048008SC0 | Plain M4 × 8 × 0.8 t     |            |              |               |
| <i>R14</i> | WSP048008SD0 | Plain M4 × 8 × 0.8 t     |            |              |               |
| <i>R15</i> | WSP04A008SC0 | Plain M4 × 10 × 0.8 t    |            |              |               |
| <i>R16</i> | WSP04A008SD0 | Plain M4 × 10 × 0.8 t    |            |              |               |
| <i>R17</i> | WSP04C010SC0 | Plain M4 × 12 × 1 t      |            |              |               |
| <i>R18</i> | WSP05A008SC0 | Plain M5 × 10 × 0.8 t    |            |              |               |
| <i>R19</i> | WSP05A008SD0 | Plain M5 × 10 × 0.8 t    |            |              |               |
| <i>R20</i> | WSP05C008SC0 | Plain M5 × 12 × 0.8 t    |            |              |               |
| <i>R21</i> | WSP05C008SD0 | Plain M5 × 12 × 0.8 t    |            |              |               |
| <i>R22</i> | WSP06D010SC0 | Plain M6 × 13 × 1.0 t    |            |              |               |
| <i>R23</i> | WSP06D010SD0 | Plain M6 × 13 × 1.0 t    |            |              |               |
| <i>R24</i> | WSP06G010SC0 | Plain M6 × 16 × 1.0 t    |            |              |               |
| <i>R25</i> | WSP08G012SD0 | Plain M8 × 16 × 1.2 t    |            |              |               |
| <i>R26</i> | WSP08J016SC0 | Plain M8 × 18 × 1.6 t    |            |              |               |
| <i>R27</i> | WSP08J016SD0 | Plain M8 × 18 × 1.6 t    |            |              |               |
| <i>R28</i> | WSP08J032SC0 | Plain M8 × 18 × 3.2 t    |            |              |               |
| <i>R29</i> | WSP08N032SC0 | Plain M8 × 22 × 3.2 t    |            |              |               |
| <i>R30</i> | WSP10S032SC0 | Plain M10 × 26 × 3.2 t   |            |              |               |
| <i>R31</i> | WSP12L520SC0 | Plain M12 × 20.5 × 2 t   |            |              |               |
| <i>R32</i> | WSS020000KD0 | Spring M2                |            |              |               |
| <i>R33</i> | WSS760000KC0 | Spring M2.6              |            |              |               |
| <i>R34</i> | WSS030000KC0 | Spring M3                |            |              |               |
| <i>R35</i> | WSS030000KD0 | Spring M3                |            |              |               |
| <i>R36</i> | WSS850000KC0 | Spring M3.5              |            |              |               |
| <i>R37</i> | WSS040000KC0 | Spring M4                |            |              |               |
| <i>R38</i> | WSS040000KD0 | Spring M4                |            |              |               |
| <i>R39</i> | WSS050000KC0 | Spring M5                |            |              |               |
| <i>R40</i> | WSS050000KD0 | Spring M5                |            |              |               |