

# PARTS BOOK

## SPS/E-B1201 Series SPS/E-BR1201 Series

Electronically Controlled  
Bartacking Machine  
(Direct Drive Type)



PME-070724

SUNSTAR MACHINERY CO., LTD.

## Models of bar tacking sewing machines

**SPS / E- B    1201       (BA)**

① SunStar  
Pattern  
System

② Series Classification  
E-Series

Belt Loop : For Belt Loop  
Attachment  
(벨트고리 부착 전용)

③ Material Type  
H : For Heavy Materials  
M : For General Materials  
L : For Thin Materials  
K : For Knit

④ Name of Bar Tacking Sewing Machine  
S : Shuttle Hook  
R : Rotary Hook

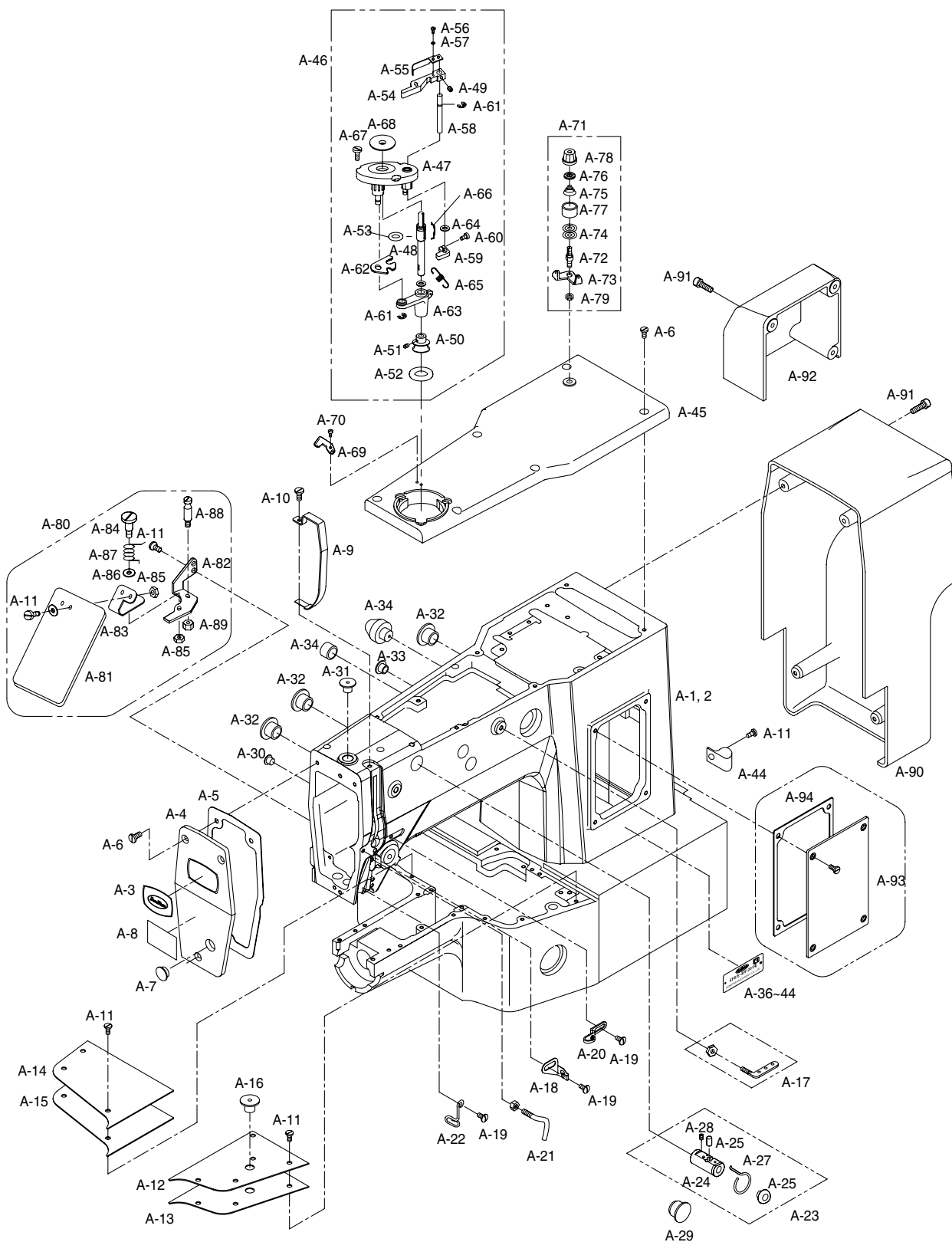
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본 책자는 Parts Book으로 제작되었으므로 메뉴얼로 사용 불가합니다.  
This is a parts book. It cannot be used as a manual.

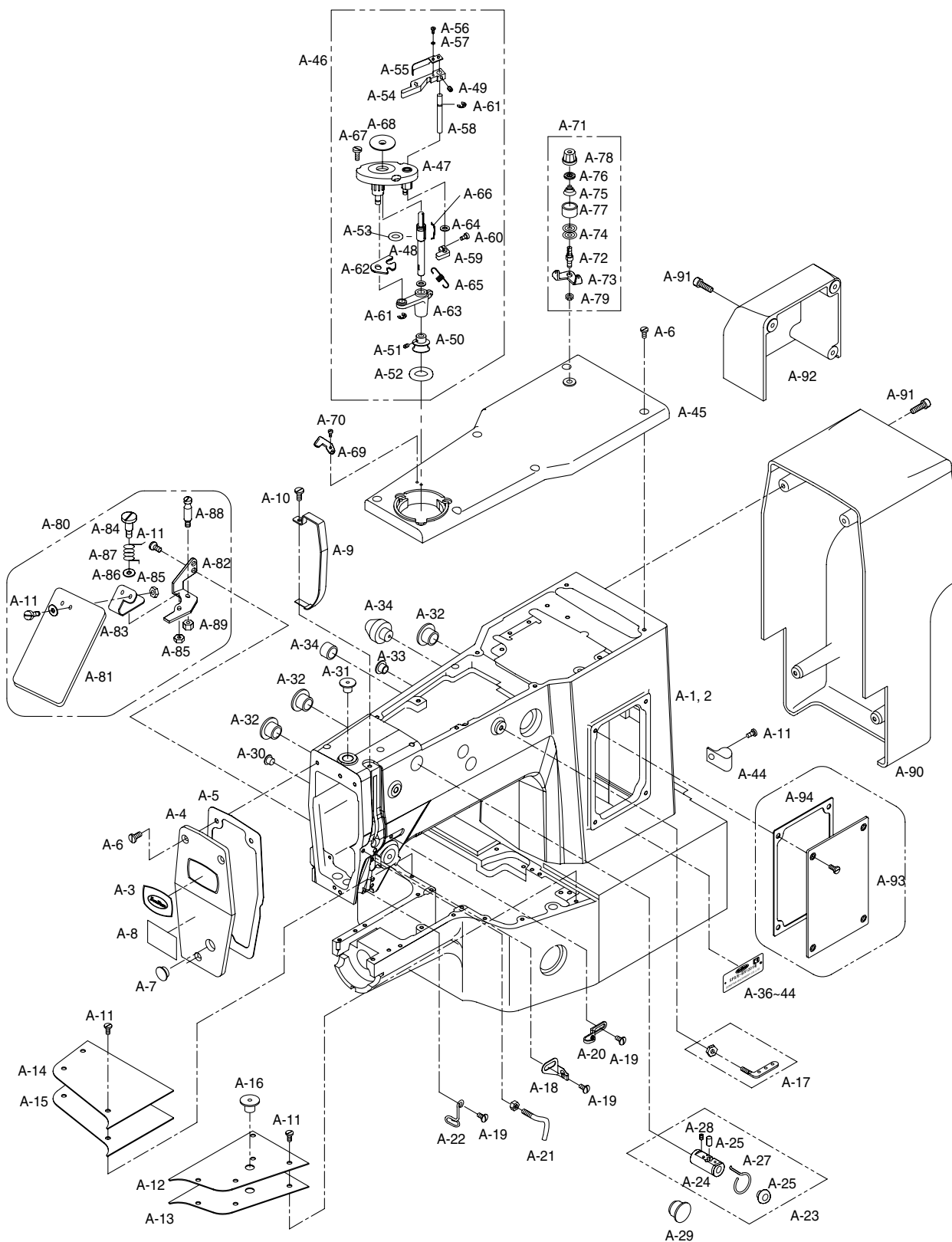
## Machine Body Mechanism



| No.  | Parts No.        | Note. | Name of Parts                 | 품 명            | Q' ty |      | Assembly No. |
|------|------------------|-------|-------------------------------|----------------|-------|------|--------------|
|      |                  |       |                               |                | BS    | BR   |              |
| A-1  | AS-004136-00     |       | Arm. Bed                      | 암, 베드(조)       | 1Set  |      |              |
| A-2  | AS-004135-00     |       | Arm. Bed                      | 암, 베드(조)       |       | 1Set |              |
| A-3  | 01S006S-306H     |       | Brand Mark(Face Plate)        | 상표마크(면판부)      | 1     | 1    |              |
| A-4  | 01-007A-120H     |       | Face Plate                    | 면판             | 1     | 1    |              |
| A-5  | 01-008M-120H     |       | Face Plate Gasket             | 면판가스켓          | 1     | 1    |              |
| A-6  | SC-A174-4122     |       | Screw(11/64" n = 40)          | 쥘나사            | 10    | 10   |              |
| A-7  | 01-110R-1230     |       | Rubber Cap For Face Plate     | 면판고무마개         | 1     | 1    |              |
| A-8  | 91-001M-120D     |       | Caution Sticker               | 경고스티커          | 1     | 1    |              |
| A-9  | GP - 031972 - 00 |       | Take-up Lever Cover           | 실채기커버          | 1     | 1    |              |
| A-10 | SC-0528-1230     |       | Screw(9/64" n = 40)           | 톱카바나사(우)       | 1     | 1    |              |
| A-11 | SC-0543-2302     |       | Screw(11/64" n = 40)          | 톱카바힌지 고정나사     | 14    | 14   |              |
| A-12 | GP-012253-02     |       | Bed Cover(R)                  | 베드커버(우)        | 1     | 1    |              |
| A-13 | GP-012255-02     |       | Bed Cover Gasket(R)           | 베드커버가스켓(우)     | 1     | 1    |              |
| A-14 | GP-012252-00     |       | Bed Cover(L)                  | 베드커버(좌)        | 1     | 1    |              |
| A-15 | GP-012254-00     |       | Bed Cover Gasket(L)           | 베드커버가스켓(좌)     | 1     | 1    |              |
| A-16 | 44S061S-306H     |       | Oil Tank Rubber Cap           | 오일탱크고무마개       | 1     | 1    |              |
| A-17 | 01-027A-1230     |       | Thread Guide With Three Holes | 세구멍실걸이(조)      | 1Set  | 1Set |              |
| A-18 | 01-003C-250B     |       | Tread Guide(L)                | 면판실걸이(좌)       | 1     | 1    |              |
| A-19 | SC-0120-1230     |       | Screw(9/64" n = 40)           | 쥘나사            | 3     | 3    |              |
| A-20 | 01-030C-1230     |       | Thread Guide(R)               | 암실걸이           | 1     | 1    |              |
| A-21 | 01-075C-120H     |       | Arm Thread Guide Ass'y        | 아암실안내걸이(조)     | 1     | 1    |              |
| A-22 | 01-028C-120H     | H     | Thread Guide(L)               | 실안내(하)         | 1     | 1    |              |
| A-23 | 01S037S-306H     | H     | Silicon Tank Ass'y            | 실리콘 급유 탱크(조)   | 1Set  | 1Set |              |
| A-24 | 01S038S-306H     | H     | Silicon Tank                  | 실리콘 급유 탱크      | 1     | 1    |              |
| A-25 | 01S039S-306H     | H     | Silicon Oil Window            | 실리콘 유창         | 1     | 1    |              |
| A-26 | 01S040S-306H     | H     | Silicon Felt                  | 실리콘 급유 탱크 펠트   | 1     | 1    |              |
| A-27 | 01S041S-306H     | H     | Felt for Silicon Oil Supply   | 실리콘 급유 탱크 펠트잡이 | 1     | 1    |              |
| A-28 | SC-0104-5607     |       | Screw(11/64" n = 40)          | 쥘나사            | 1     | 1    |              |
| A-29 | 01-042R-640L     |       | Rubber Cap(L)                 | 고무마개(대)        | 1     | 1    |              |
| A-30 | 04-104R-1230     |       | Arm Upper Part Rubber Cap     | 아암 상부 고무 마개    | 1     | 1    |              |
| A-31 | 04-003R-120H     |       | Needle Bar Rubber Cap         | 바늘대 고무 마개      | 1     | 1    |              |
| A-32 | 01-042R-640L     |       | Rubber Cap(L)                 | 고무마개(대)        | 4     | 4    |              |
| A-33 | 44-021R-7400     |       | Rubber Cap(S)                 | 고무마개(소)        | 4     | 4    |              |
| A-34 | 01-073R-120H     |       | Bed Rubber                    | 베드 고무          | 1     | 1    |              |
| A-35 | 01-006R-2350     |       | Robber Cap                    | 고무 마개          | 4     | 4    |              |
| A-36 | GP-012732-00     |       | Model Sticker(H)              | 모델 스티커-후물용     | 1     |      |              |
| A-37 | GP-016356-00     |       | Model Sticker(M)              | 모델 스티커-일반용     | 1     |      |              |
| A-38 | GP-017541-00     |       | Model Sticker(L)              | 모델 스티커-박물용     | 1     |      |              |
| A-39 | GP-017542-00     |       | Model Sticker(K)              | 모델 스티커-니트용     | 1     |      |              |
| A-40 | GP-012733-00     |       | Model Sticker(H)              | 모델 스티커-후물용     |       | 1    |              |
| A-41 | GP-017543-00     |       | Model Sticker(M)              | 모델 스티커-일반용     |       | 1    |              |
| A-42 | GP-015061-00     |       | Model Sticker(K)              | 모델 스티커-니트용     |       | 1    |              |
| A-43 | GP-015062-00     |       | Model Sticker(L)              | 모델 스티커-박물용     |       | 1    |              |
| A-44 | 01-009R-5300     |       | Cable Holder(7N)              | 케이블 홀더(7N)     | 3     | 3    |              |
| A-45 | GP-012250-00     |       | Top Cover                     | 윗뚜껑            | 1     | 1    |              |
| A-46 | 41-101A-120H     |       | Bobbin Winder Ass'y           | 실감기(조)         | 1Set  | 1Set |              |
| A-47 | 41S001S-306H     |       | Bobbin Winder Base            | 실감기 베이스(조)     | 1Set  | 1Set |              |
| A-48 | 41-005A-120H     |       | Bobbin Winder Shaft           | 실감기 구동축        | 1     | 1    |              |
| A-49 | SC-0105-7500     |       | Screw(M4)                     | 쥘나사            | 1     | 1    |              |
| A-50 | 41S006S-306H     |       | Bobbin Winder                 | 실감기 작동 폴리      | 1     | 1    |              |

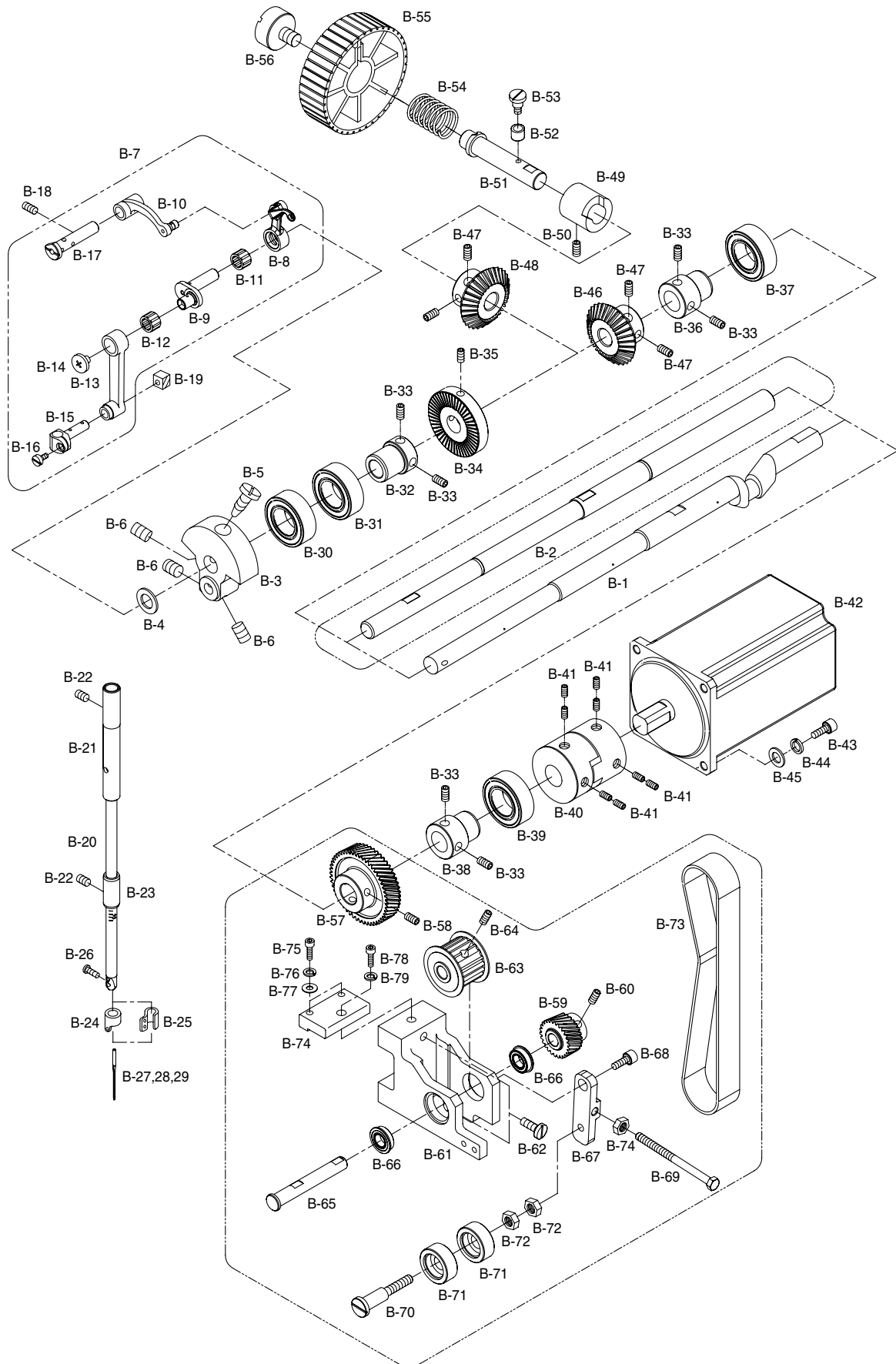
## Machine Body Mechanism

### 두부 및 외장 관계



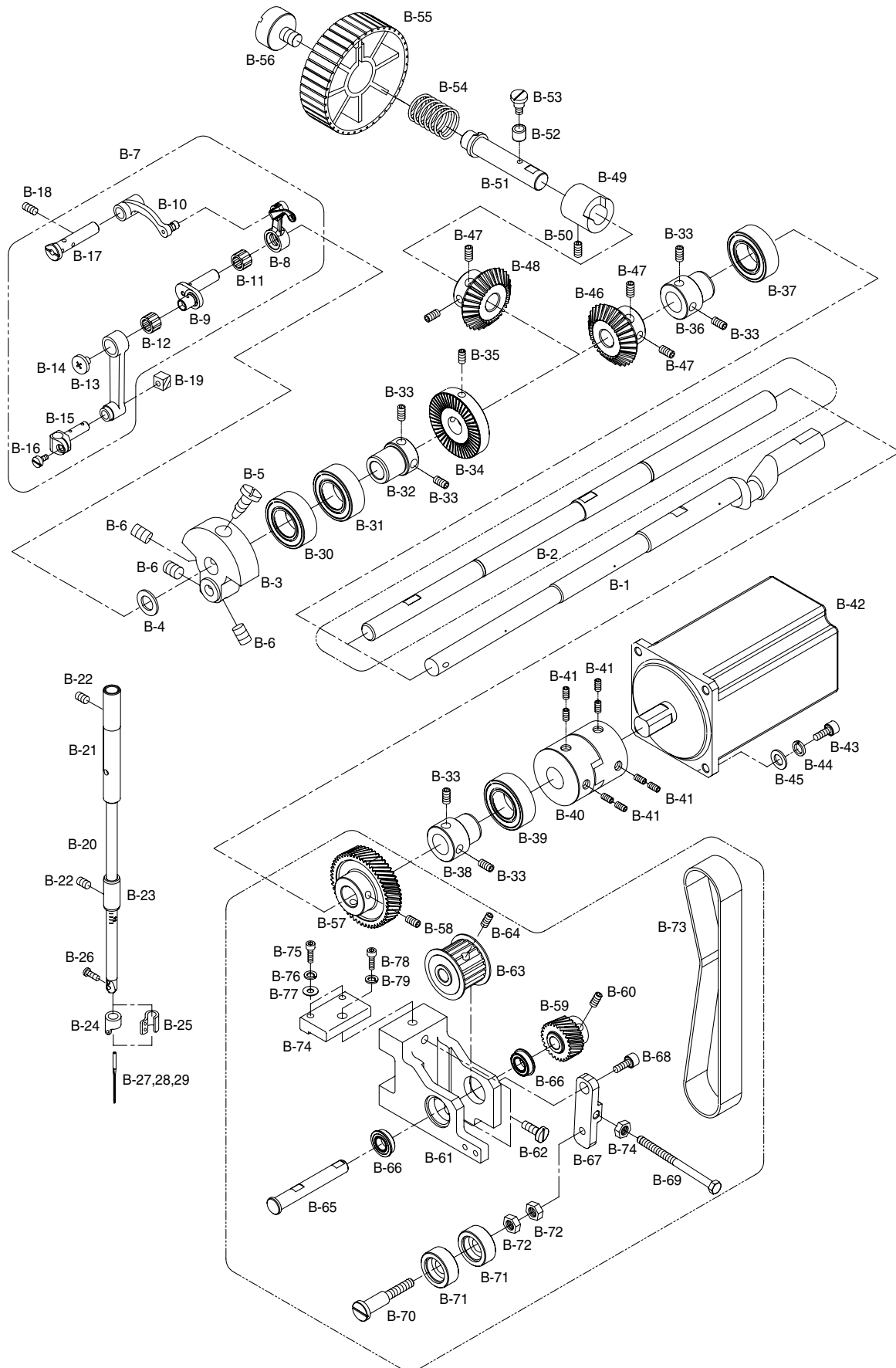
| No.  | Parts No.    | Note. | Name of Parts                   | 품 명             | Q' ty |      | Assembly No. |
|------|--------------|-------|---------------------------------|-----------------|-------|------|--------------|
|      |              |       |                                 |                 | BS    | BR   |              |
| A-51 | SC-0104-5607 |       | Screw(11/64" n = 40)            | 쥘나사             | 2     | 2    |              |
| A-52 | 41S008S-306H |       | Bobbin Winder Action Ring       | 실감기 작동링         | 1     | 1    |              |
| A-53 | 41S009S-306H |       | Bobbin Winder Shaft Rubber Ring | 실감기 구동축 고무링     | 1     | 1    |              |
| A-54 | 41S010S-306H |       | Bobbin Winder Lever             | 실감기 레버          | 1     | 1    |              |
| A-55 | 41S011S-306H |       | Bobbin Winder Adjusting Plate   | 실감기 조정판         | 1     | 1    |              |
| A-56 | SC-0130-1230 |       | Screw(1/8" n = 40)              | 톱니 쥘나사          | 1     | 1    |              |
| A-57 | 02-011W-2302 |       | Washer                          | 와셔              | 1     | 1    |              |
| A-58 | 41S013S-306H |       | Bobbin Winder Lever Shaft       | 실감기 레버 축        | 1     | 1    |              |
| A-59 | 41S014S-306H |       | Bobbin Winder Adjusting Cam     | 실감기 조절 캠        | 1     | 1    |              |
| A-60 | SC-0211-7500 |       | Screw(M4×P0.7)                  | 쥘나사             | 1     | 1    |              |
| A-61 | 04-009C-3710 |       | E-Ring(φ5)                      | E-링(호칭경 5)      | 2     | 2    |              |
| A-62 | 41S017S-306H |       | Bobbin Winder Action Plate      | 실감기 작동판         | 1     | 1    |              |
| A-63 | 41-018A-120H |       | Bobbin Winder Action Body       | 실감기 작동체         | 1     | 1    |              |
| A-64 | 40-007W-1600 |       | Washer                          | 와셔              | 2     | 2    |              |
| A-65 | 41S021S-306H |       | Bobbin Winder Spring            | 실감기 인장 스프링      | 1     | 1    |              |
| A-66 | 41S022S-306H |       | Bobbin Stopper                  | 보빈 스토퍼          | 1     | 1    |              |
| A-67 | 41S023S-306H |       | Screw                           | 쥘나사             | 5     | 5    |              |
| A-68 | 41S024S-306H |       | Bobbin Stand                    | 보빈 스탠드          | 1     | 1    |              |
| A-69 | 41S025S-306H |       | Bobbin Winder Mes               | 실감기 메스          | 1     | 1    |              |
| A-70 | SC-0130-1230 |       | Screw(1/8" n = 40)              | 고정메스 장력 조절나사    | 2     | 2    |              |
| A-71 | 41S027S-306H |       | Thread Tension Adjusting Ass'y  | 실감기 실장력 조절장치(조) | 1Set  | 1Set |              |
| A-72 | 41S028S-306H |       | Thread Tension Adjusting Shaft  | 실감기 실장력 조절 축    | 1     | 1    |              |
| A-73 | 41S026S-306H |       | Thread Guide Plate              | 실안내 판           | 1     | 1    |              |
| A-74 | 40-204A-1230 |       | Thread Tension Disk             | 실안내 접시          | 2     | 2    |              |
| A-75 | 40-333G-123A |       | Thread Tension Spring           | 실장력 조절 스프링      | 1     | 1    |              |
| A-76 | 40-804W-1230 |       | Thread Tension Spring Stopper   | 실장력 조절 스프링 스토퍼  | 1     | 1    |              |
| A-77 | 40-024A-1230 |       | Spring Cover                    | 스프링 커버          | 1     | 1    |              |
| A-78 | 40-204A-2350 |       | Thread Tension Nut              | 실장력 조절 캡 너트     | 1     | 1    |              |
| A-79 | SN-0121-7400 |       | Nut(15/64" n = 28)              | 실장력 조절 축 너트     | 1     | 1    |              |
| A-80 | 01S043S-306H |       | Safety Plate Ass'y              | 안전판(조)          | 1Set  | 1Set |              |
| A-81 | 01S044S-306H |       | Safety Plate                    | 안전판             | 1     | 1    |              |
| A-82 | 01S045S-306H |       | Safety Plate Bracket            | 안전판 브라켓         | 1     | 1    |              |
| A-83 | 01S046S-306H |       | Safety Plate Holder             | 안전판 홀더          | 1     | 1    |              |
| A-84 | 01S047S-306H |       | Safety Plate Hinge Screw        | 안전판 단나사         | 1     | 1    |              |
| A-85 | SN-0101-1600 |       | Nut(3/16" n = 28)               | 너트              | 3     | 3    |              |
| A-86 | 06-051W-7400 |       | Washer                          | 와셔              | 1     | 1    |              |
| A-87 | 01S050S-306H |       | Safety Plate Spring             | 안전판 스프링         | 1     | 1    |              |
| A-88 | 01S051S-306H |       | Safety Plate Spring Hook        | 안전판 스프링 걸이      | 1     | 1    |              |
| A-89 | SN-0119-1230 |       | Nut(3/16" n = 28)               | 너트              | 1     | 1    |              |
| A-90 | GP-012597-01 |       | Belt Cover                      | 모터커버            | 1     | 1    |              |
| A-91 | SC-0498-3710 |       | Screw(11/64" n = 40)            | 쥘나사             | 7     | 7    |              |
| A-92 | GP-012251-00 |       | X-Driving Motor Cover           | X 구동 모터 커버      | 1     | 1    |              |
| A-93 | GP-012217-00 |       | Side Cover                      | 옆뚜껑             |       | 1    |              |
| A-94 | GP-012215-00 |       | Side Cover Gasket               | 옆뚜껑 가스켓         |       | 1    |              |
|      |              |       |                                 |                 |       |      |              |
|      |              |       |                                 |                 |       |      |              |
|      |              |       |                                 |                 |       |      |              |
|      |              |       |                                 |                 |       |      |              |
|      |              |       |                                 |                 |       |      |              |
|      |              |       |                                 |                 |       |      |              |
|      |              |       |                                 |                 |       |      |              |

## 상축 관계 Upper Shaft Mechanism

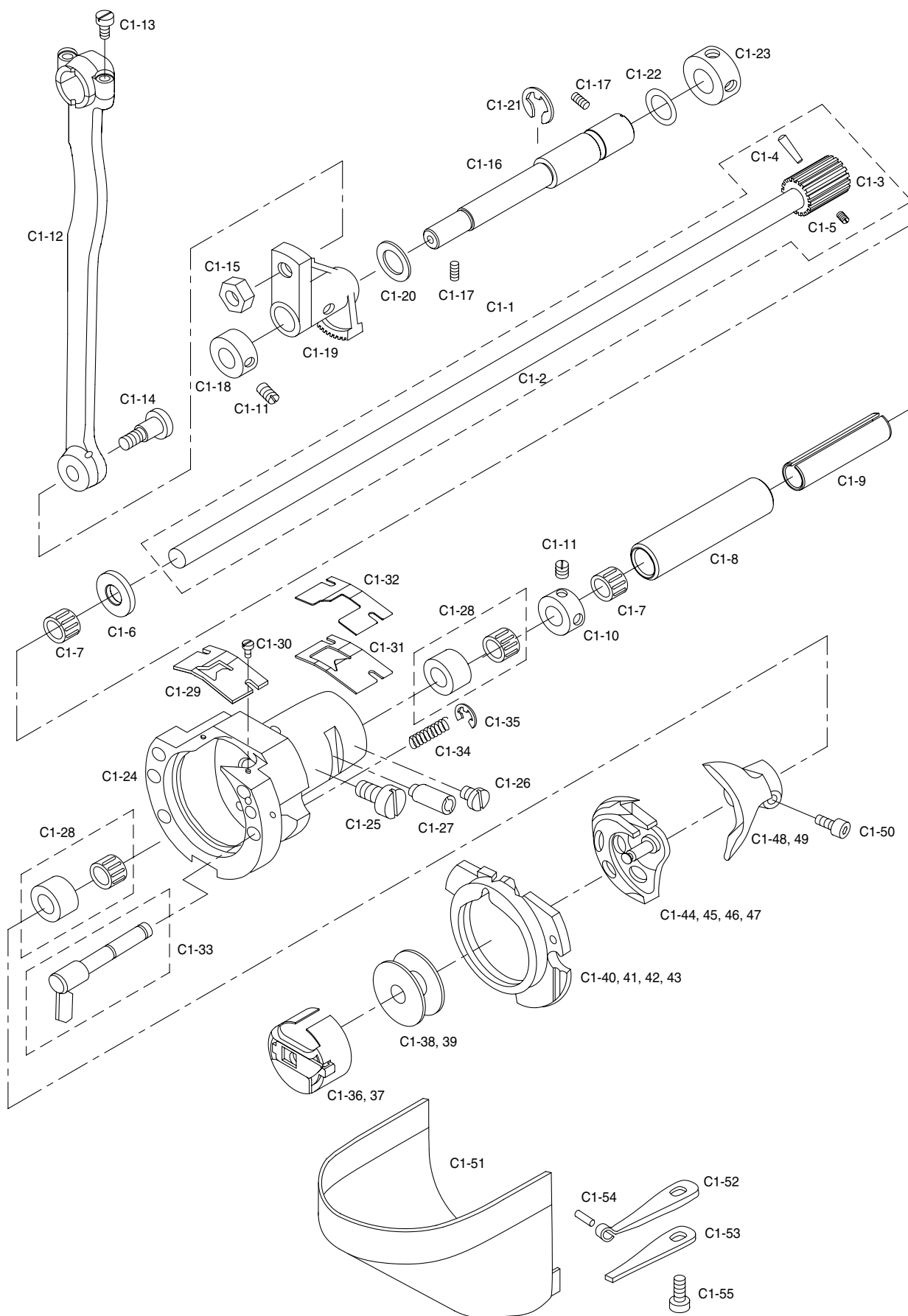


| No.  | Parts No.    | Note. | Name of Parts                  | 품 명                   | Q' ty |      | Assembly No. |
|------|--------------|-------|--------------------------------|-----------------------|-------|------|--------------|
|      |              |       |                                |                       | BS    | BR   |              |
| B-1  | GP-013320-00 |       | Upper Shaft                    | 상축                    | 1     |      |              |
| B-2  | GP-012202-00 |       | Upper Shaft                    | 상축                    |       | 1    |              |
| B-3  | GP-012607-00 |       | Link Cam                       | 링크 캠                  | 1     | 1    |              |
| B-4  | 02S003S-306H |       | Link Cam Washer                | 링크 캠 와셔               | 1     | 1    |              |
| B-5  | 02-003S-2500 |       | Screw(15/64" n = 28)           | 쥘나사                   | 1     | 1    |              |
| B-6  | SC-0183-2700 |       | Screw(15/64" n = 28)           | 쥘나사                   | 4     | 4    |              |
| B-7  | AS-004137-01 |       | Thread Take-Up Lever Ass'y     | 실채기(조)                | 1Set  | 1Set |              |
| B-8  | AS-004305-00 |       | Thread Take-Up Lever           | 실채기                   | 1     | 1    |              |
| B-9  | GP-012609-00 |       | Needle Bar Crank               | 바늘대 크랭크               | 1     | 1    |              |
| B-10 | GP-012606-00 |       | Thread Take-Up Lever Crank     | 실채기 크랭크               | 1     | 1    |              |
| B-11 | 08-511A-123A |       | Needle Bearing                 | 실채기 니들베어링(KT8123NC3)  | 1     | 1    |              |
| B-12 | 08-511A-123A |       | Needle Bearing                 | 실채기 니들베어링(KT8123NC3)  | 1     | 1    |              |
| B-13 | 08S504S-306H |       | Needle Bar Crank Rod           | 바늘대 크랭크 로드            | 1     | 1    |              |
| B-14 | 08S507S-123A |       | Screw                          | 바늘대 C/R 원나사           | 1     | 1    |              |
| B-15 | 08S505S-306H |       | Needle Bar Holder              | 바늘대 잡이                | 1     | 1    |              |
| B-16 | 08-508S-123A |       | Screw                          | 바늘대 잡이나사              | 1     | 1    |              |
| B-17 | 08S506S-306H |       | Thread Take-Up Pin             | 실채기 핀                 | 1     | 1    |              |
| B-18 | SC-0317-2700 |       | Screw(15/64" n = 28)           | 캠 접촉 안내 고정나사          | 1     | 1    |              |
| B-19 | 04S106S-306H |       | Needle Bar Guide Block         | 바늘대 안내 블록             | 1     | 1    |              |
| B-20 | 04-001A-120H |       | Needle Bar                     | 바늘대                   | 1     | 1    |              |
| B-21 | 04S102S-306H |       | Needle Bar Bushing(U)          | 바늘대 상붓싱               | 1     | 1    |              |
| B-22 | SC-0317-2700 |       | Screw(11/64" n = 40)           | 캠 접촉 카라 고정나사          | 2     | 2    |              |
| B-23 | GP-031644-00 |       | Needle Bar Bushing(L)          | 바늘대 하붓싱               | 1     | 1    |              |
| B-24 | 04-007A-120H |       | Thread Guide For Needle Bar(H) | 바늘대 실안내-후물용           | 1     | 1    |              |
| B-25 | 04-008A-120M |       | Thread Guide For Needle Bar(M) | 바늘대 실안내-일반용           | 1     | 1    |              |
| B-26 | SC-A131-4522 |       | Screw                          | 쥘나사                   | 1     | 1    |              |
| B-27 | -            |       | Needle(DP×17 #19)              | 바늘-후물용                | 1     | 1    |              |
| B-28 | -            |       | Needle(DP×5 #16 (#14))         | 바늘-일반용                | 1     | 1    |              |
| B-29 | -            |       | Needle(DP×5 #11)               | 바늘-박물용                | 1     | 1    |              |
| B-30 | BR-000093-00 |       | Front Bearing (A)              | 상축 전 베어링 A(6904DDUNR) | 1     | 1    |              |
| B-31 | BR-000094-00 |       | Front Bearing (B)              | 상축 전 베어링 B(6904DDU)   | 1     | 1    |              |
| B-32 | GP-012300-00 |       | Front Bearing Bushing          | 상축 전 베어링 붓싱           | 1     | 1    |              |
| B-33 | SC-A129-4515 |       | Screw(1/4" n = 40)             | 쥘나사                   | 6     | 6    |              |
| B-34 | 02S009S-306H |       | Bobbin Winder Driving Wheel    | 실감기 구동 휠              | 1     | 1    |              |
| B-35 | 10-017S-8577 |       | Screw                          | 동메스축 B/S 고정나사         | 2     | 2    |              |
| B-36 | GP-012301-00 |       | Meddle Bearing Bushing         | 상축 중 베어링 붓싱           | 1     | 1    |              |
| B-37 | BR-000095-00 |       | Meddle Bearing                 | 상축 중 베어링(6004DDUNR)   | 1     | 1    |              |
| B-38 | GP-012302-00 |       | Rear Bearing Bushing           | 상축 후 베어링 붓싱           | 1     | 1    |              |
| B-39 | BR-000096-00 |       | Rear Bearing                   | 상축 후 베어링(6204DDUNR)   | 1     | 1    |              |
| B-40 | 02-017A-120D |       | Coupling                       | 커플링                   | 1     | 1    |              |
| B-41 | 08-37SC-120D |       | Screw                          | 쥘나사(M6×1.0 L=8)       | 8     | 8    |              |
| B-42 | DMPA2-000001 |       | Main Motor                     | 주축모터                  | 1     | 1    |              |
| B-43 | 02-020S-120D |       | Screw                          | 쥘나사(M5×0.8 L=25)      | 4     | 4    |              |
| B-44 | 07-011W-1230 |       | Spring Washer                  | 스프링와셔(φ5)             | 4     | 4    |              |
| B-45 | 10-020W-2700 |       | Washer                         | 평와셔(φ5)               | 4     | 4    |              |
| B-46 | 25S001S-306H |       | Hand Pulley Gear A             | 핸드풀리 기어A              | 1     | 1    |              |
| B-47 | SC-A308-4517 |       | Screw                          | 고정나사(15/64" n=28)     | 4     | 4    |              |
| B-48 | 25S001S-306H |       | Hand Pulley Gear A             | 핸드풀리 기어A              | 1     | 1    |              |
| B-49 | GP-012503-00 |       | Hand Pulley Bushing            | 핸드풀리 붓싱               | 1     | 1    |              |
| B-50 | SC-0114-1230 |       | Screw                          | 고정나사(15/64" n=28)     | 1     | 1    |              |

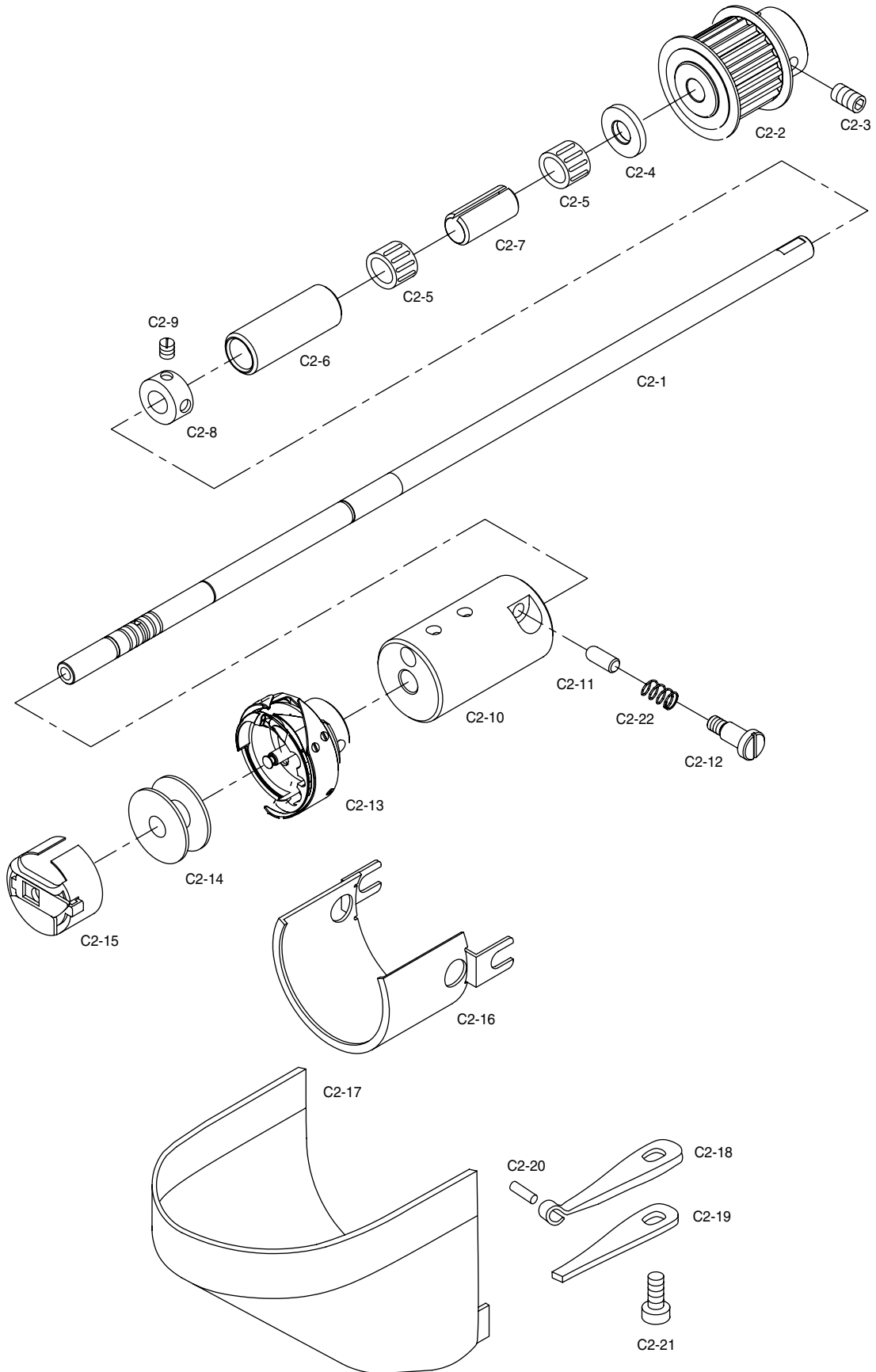
## 상축 관계 Upper Shaft Mechanism



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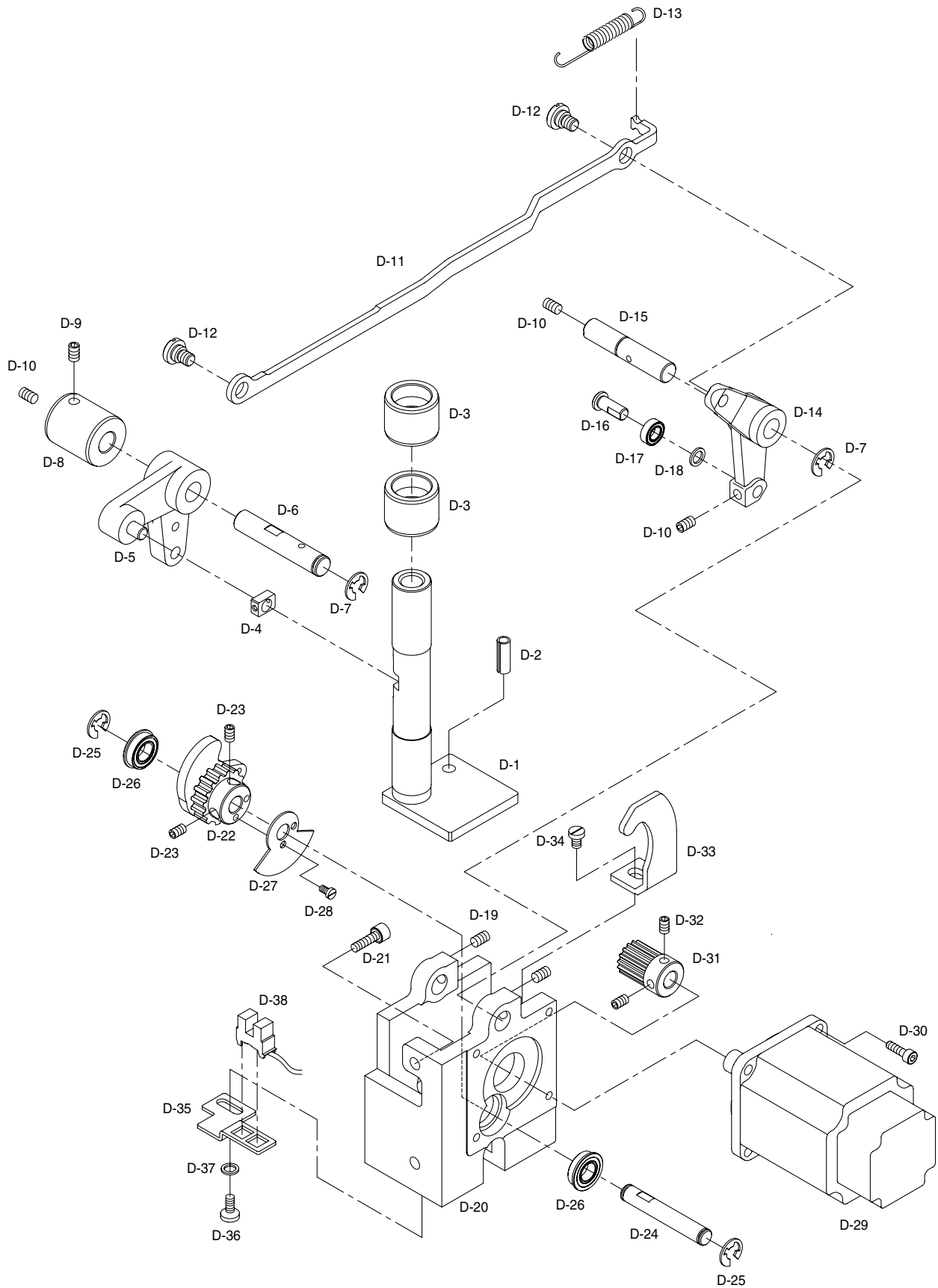


| No.   | Parts No.        | Note. | Name of Parts                        | 품 명                  | Q' ty |    | Assembly No. |
|-------|------------------|-------|--------------------------------------|----------------------|-------|----|--------------|
|       |                  |       |                                      |                      | BS    | BR |              |
| C1-1  | AS-003524-01     |       | Lower Shaft Ass'y                    | 하축(조)                | 1Set  |    |              |
| C1-2  | GP-012237-01     |       | Lower Shaft                          | 하축                   | 1     |    |              |
| C1-3  | 07S003S-306H     |       | Lower Shaft Gear                     | 하축기어                 | 1     |    |              |
| C1-4  | 07S004S-306H     |       | Taper Pin                            | 테이퍼 핀                | 1     |    |              |
| C1-5  | SC-0512-1230     |       | Screw                                | 죃나사                  | 1     |    |              |
| C1-6  | WS-000153-00     |       | Lower Shaft Washer                   | 하축 와셔                | 1     |    |              |
| C1-7  | 07S007S-306H     |       | Needle bearing                       | 니이들 베어링(KT81110)     | 2     |    |              |
| C1-8  | GP-012230-00     |       | Lower Shaft Rear Bushing             | 하축 후 붓싱(반회전)         | 1     |    |              |
| C1-9  | CL-000075-00     |       | Lower Shaft Rear Bushing Collar      | 하축 후 붓싱카라(반회전)       | 1     |    |              |
| C1-10 | 10S114S-306H     |       | Lower Shaft Collar                   | 하축카라                 | 1     |    |              |
| C1-11 | SC-000529-00     |       | Screw (11/64" n=40)                  | 죃나사                  | 4     |    |              |
| C1-12 | 07S111S-306H     |       | Crank Rod                            | 크랭크 로드               | 1     |    |              |
| C1-13 | SC-0179-3710     |       | Screw(11/64" n=40)                   | 죃나사                  | 2     |    |              |
| C1-14 | 07S013S-306H     |       | Crank Rod Hinge Screw                | 크랭크 로드 단나사           | 1     |    |              |
| C1-15 | SN-0116-3400     |       | Nut(1/4" n=40)                       | 너트                   | 1     |    |              |
| C1-16 | GP-012228-01     |       | Oscillator Shaft                     | 오실레이터 축              | 1     |    |              |
| C1-17 | SC-0317-2700     |       | Screw (15/64" n=28)                  | 죃나사                  | 2     |    |              |
| C1-18 | 07S117S-306H     |       | Oscillator Shaft Collar(L)           | 오실레이터 축 카라(좌)        | 1     |    |              |
| C1-19 | 07S019S-306H     |       | Oscillator                           | 요동축 기어               | 1     |    |              |
| C1-20 | 07S020S-306H     |       | Washer                               | 와셔                   | 1     |    |              |
| C1-21 | 43-009C-1600     |       | E-Ring                               | E-링(호칭경 9)           | 1     |    |              |
| C1-22 | 07S116S-306H     |       | Oscillator O-Ring                    | 오실레이터 O-링            | 1     |    |              |
| C1-23 | 07S122S-306H     |       | Oscillator Shaft Collar(R)           | 오실레이터 축 카라(우)        | 1     |    |              |
| C1-24 | GP-012229-00     |       | Shuttle(L)                           | 셔틀(대)                | 1     |    |              |
| C1-25 | SC-0150-2500     |       | Screw(15/64" n=28)                   | 죃나사                  | 1     |    |              |
| C1-26 | SC-0525-5300     |       | Screw(11/64" n=40)                   | 죃나사                  | 1     |    |              |
| C1-27 | 07S035S-306H     |       | Shuttle Race Adjusting Shaft         | 셔틀 레이스 조절 축          | 1     |    |              |
| C1-28 | 07S107S-306H     |       | Needle Roller Bearing                | 니들 롤러 베어링(RNAF81510) | 2     |    |              |
| C1-29 | GP - 018265 - 01 |       | Plate for Separating Upper Thread    |                      | 1     |    |              |
| C1-30 | SC-A121-4122     |       | Screw(3/32" n=56)                    | 죃나사                  | 2     |    |              |
| C1-31 | GP - 018680 - 01 |       | Plate for Separating Upper Thread(L) | ( )                  | 1     |    |              |
| C1-32 | GP - 018679 - 01 |       | Plate for Separating Upper Thread(U) | ( )                  | 1     |    |              |
| C1-33 | 07S042S-306H     |       | Inner Hook Presser Shaft Ass'y       | 속 가마 누름 축(조)         | 2     |    |              |
| C1-34 | 06-033M-3800     |       | E-Ring                               | E-링(호칭경 3)           | 2     |    |              |
| C1-35 | 07S046S-306H     |       | Inner Hook Spring                    | 속 가마 압력 스프링          | 2     |    |              |
| C1-36 | 07-023A-120H     |       | Bobbin Case Ass'y                    | 보빈 케이스(조)            | 1Set  |    |              |
| C1-37 | 07S023S-306H     | BL    | Bobbin Case Ass'y(BL)                | 보빈 케이스(2배 셔틀 흑용)     | 1Set  |    |              |
| C1-38 | 07-224A-120H     |       | Bobbin                               | 보빈                   | 1     |    |              |
| C1-39 | 07S026S-306H     | BL    | Bobbin(BL)                           | 보빈(2배 셔틀 흑용)         | 1     |    |              |
| C1-40 | 07-021A-120H     |       | Shuttle Race Ring(H)                 | 셔틀 레이스 링-후물용         | 1     |    |              |
| C1-41 | 07-022A-120M     |       | Shuttle Race Ring(M)                 | 셔틀 레이스 링-일반용         | 1     |    |              |
| C1-42 | 07-023A-120L     |       | Shuttle Race Ring(M)                 | 셔틀 레이스 링-박물용         | 1     |    |              |
| C1-43 | 07S027S-306H     | BL    | Shuttle Race Rin(BL)                 | 셔틀 레이스 링(2배 셔틀 흑용)   | 1     |    |              |
| C1-44 | 07-128A-120H     |       | Shuttle(H)                           | 셔틀-후물용               | 1     |    |              |
| C1-45 | 07-129A-120M     |       | Shuttle(M)                           | 셔틀-일반용               | 1     |    |              |
| C1-46 | 07S028S-306H     | BL    | Shuttle(HBL)                         | 셔틀(후물 2배 셔틀 흑용)      | 1     |    |              |
| C1-47 | 07S029S-306G     | BL    | Shuttle(MBL)                         | 셔틀(일반 2배 셔틀 흑용)      | 1     |    |              |
| C1-48 | 07-030A-120H     |       | Shuttle Driver                       | 셔틀 드라이버              | 1     |    |              |
| C1-49 | 07S030S-306H     | BL    | Shuttle Driver(BL)                   | 셔틀 드라이버(2배 셔틀 흑용)    | 1     |    |              |
| C1-50 | 07S033S-306H     |       | Screw(M5×P0.8)                       | 죃나사                  | 1     |    |              |
| C1-51 | 07S047S-306H     |       | Hook Cover Ass'y                     | 훅 커버(조)              | 1Set  |    |              |
| C1-52 | 07S051S-306H     |       | Hook Cover Plate Spring A            | 훅 커버 판 스프링 A         | 1     |    |              |
| C1-53 | 07S052S-306H     |       | Hook Cover Plate Spring B            | 훅 커버 판 스프링 B         | 1     |    |              |
| C1-54 | 07S050S-306H     |       | Spring Pin (φ2×19.8)                 | 스프링 핀                | 1     |    |              |
| C1-55 | SC-0543-2302     |       | Screw(11/64" n=40)                   | 툽카바 힌지 고정나사          | 2     |    |              |

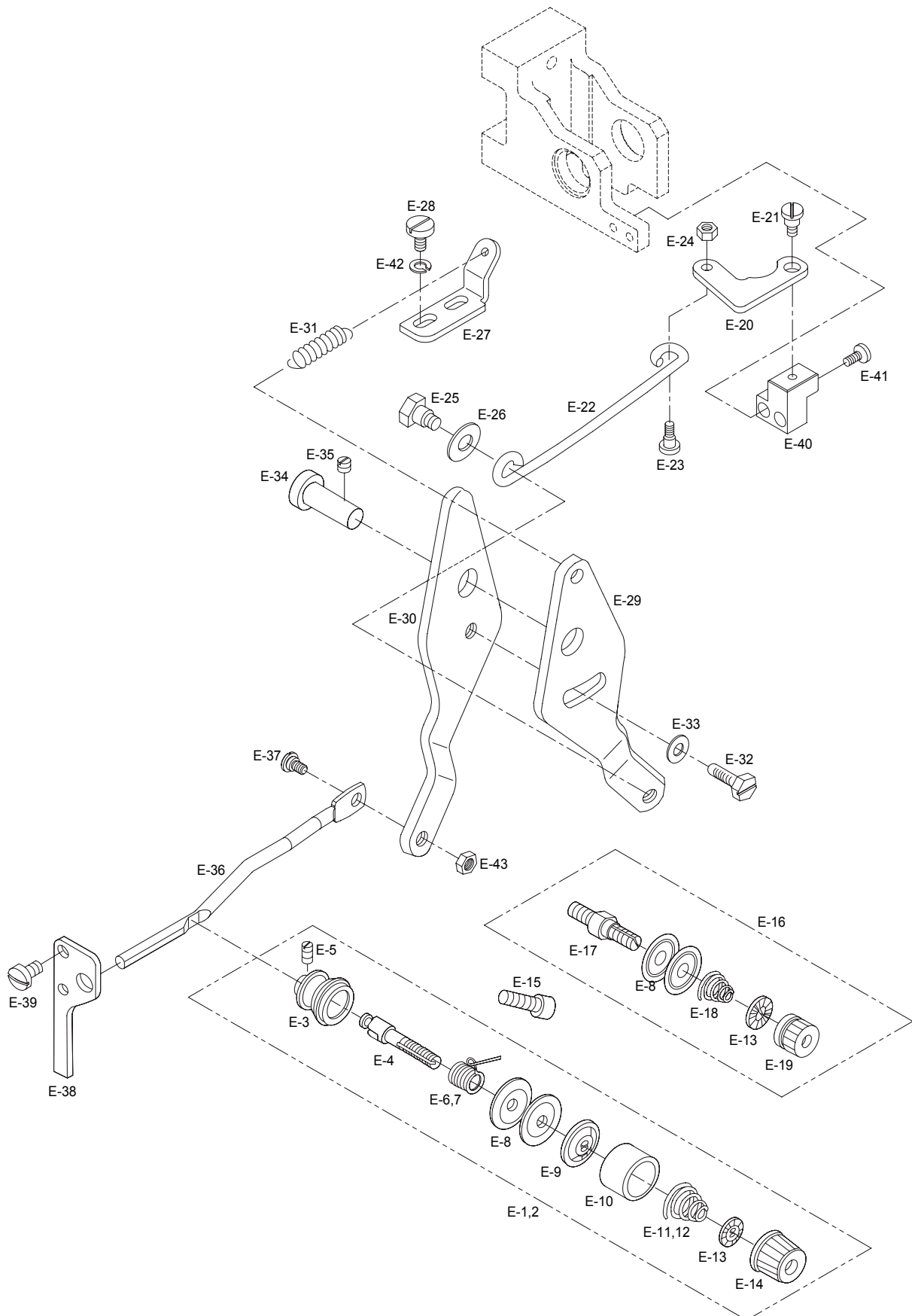


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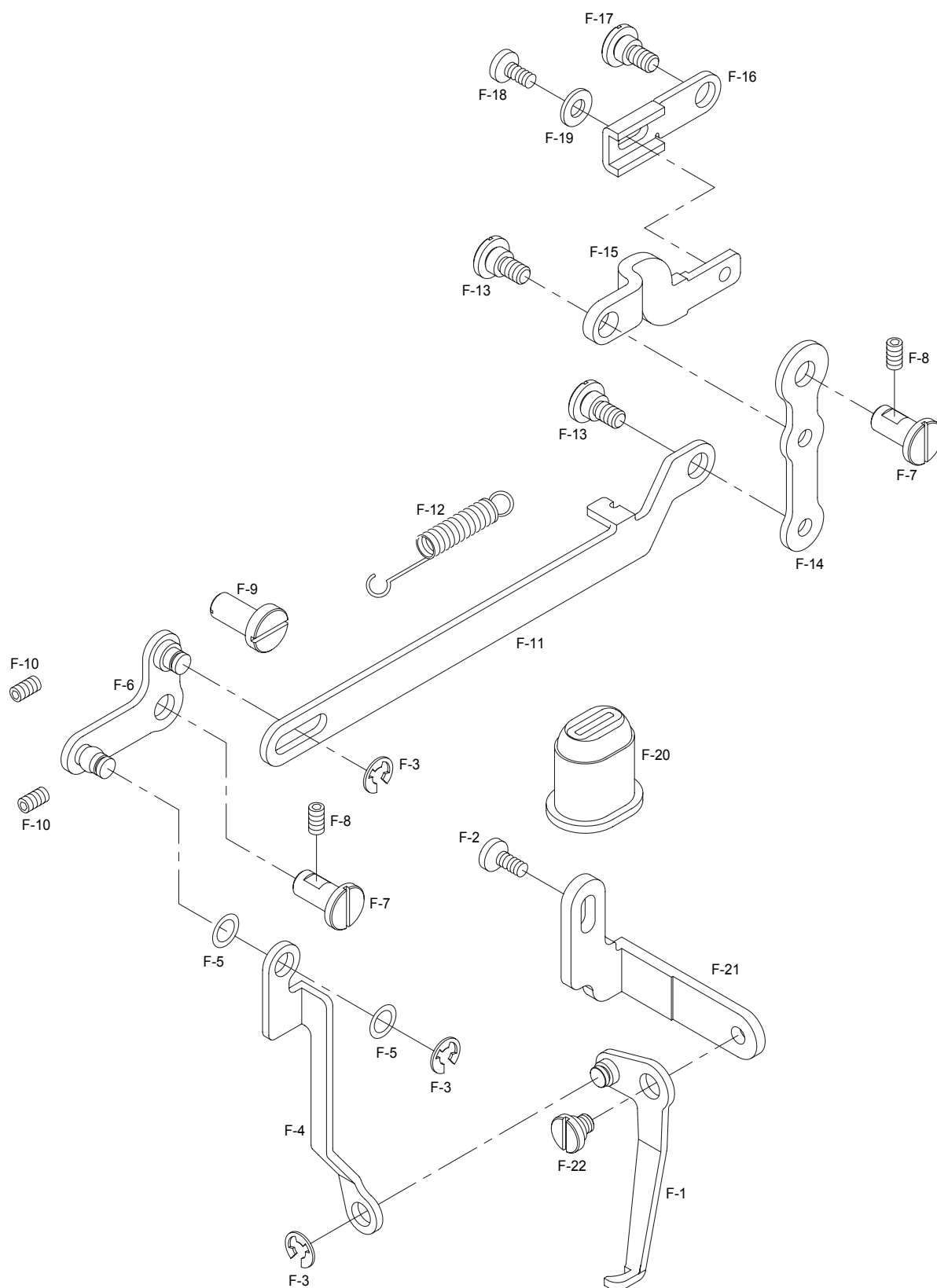
# 누름판 관계 Presser Plate Mechanism



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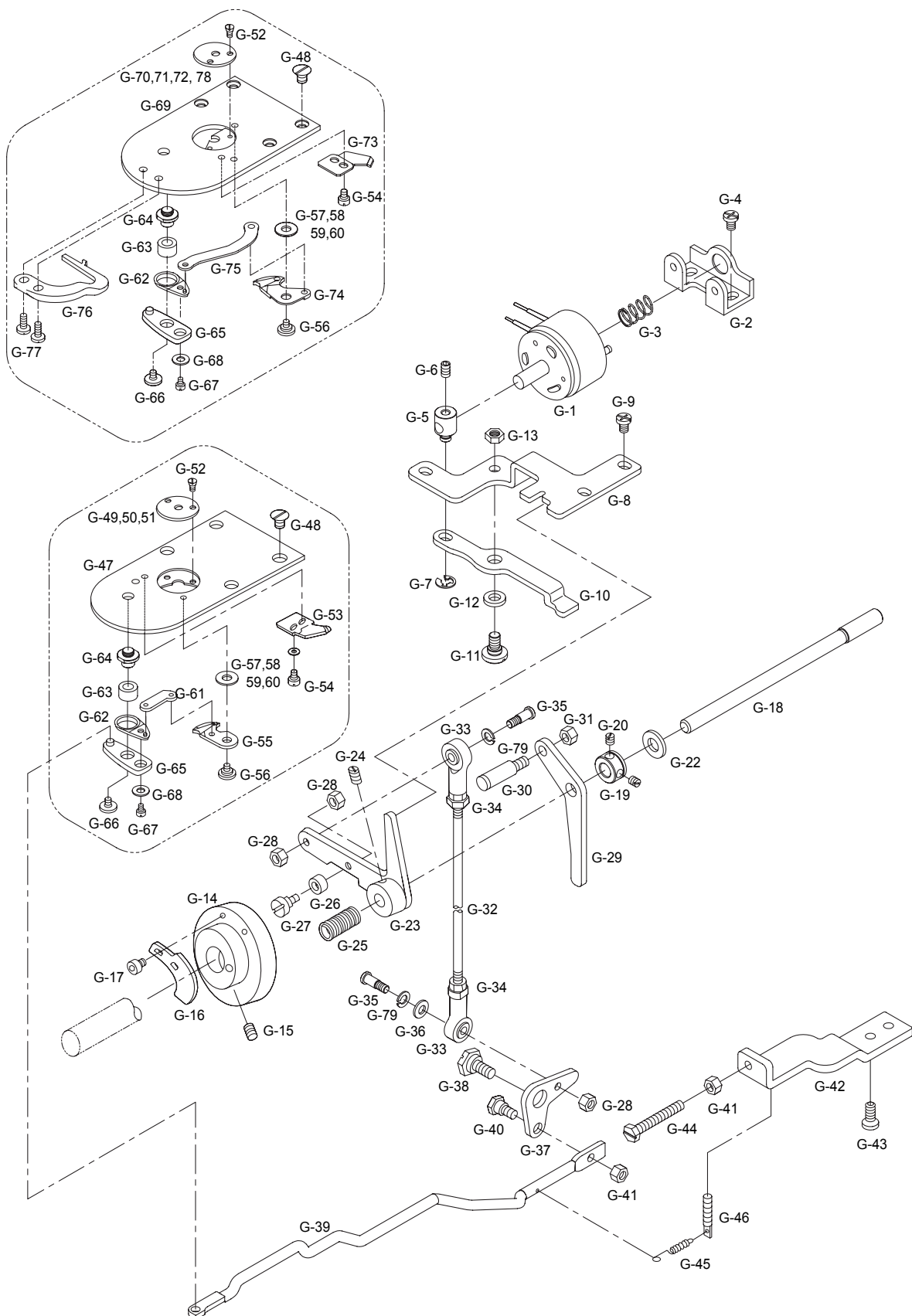
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# 사절 관계

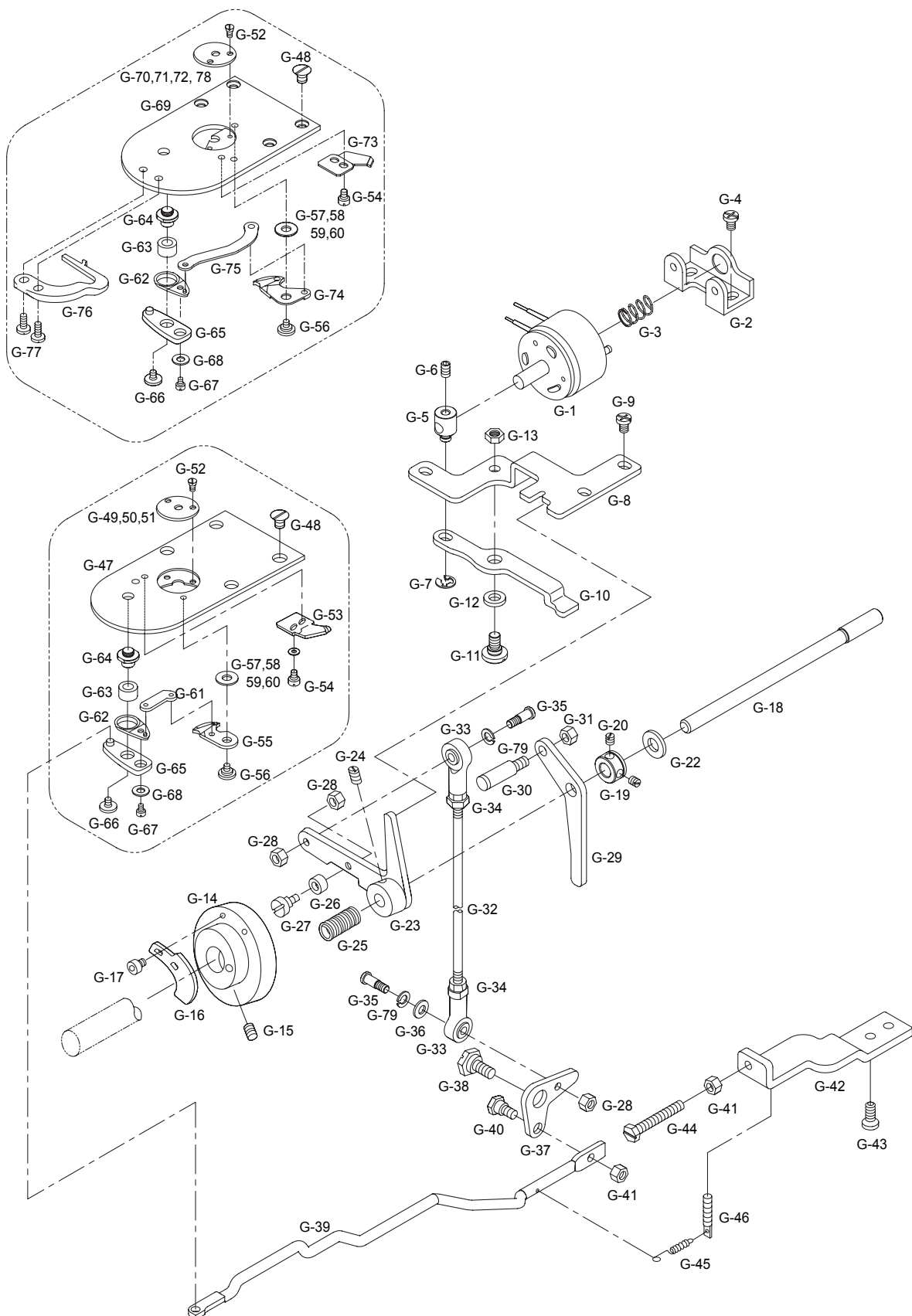
## Thread Trimmer Mechanism



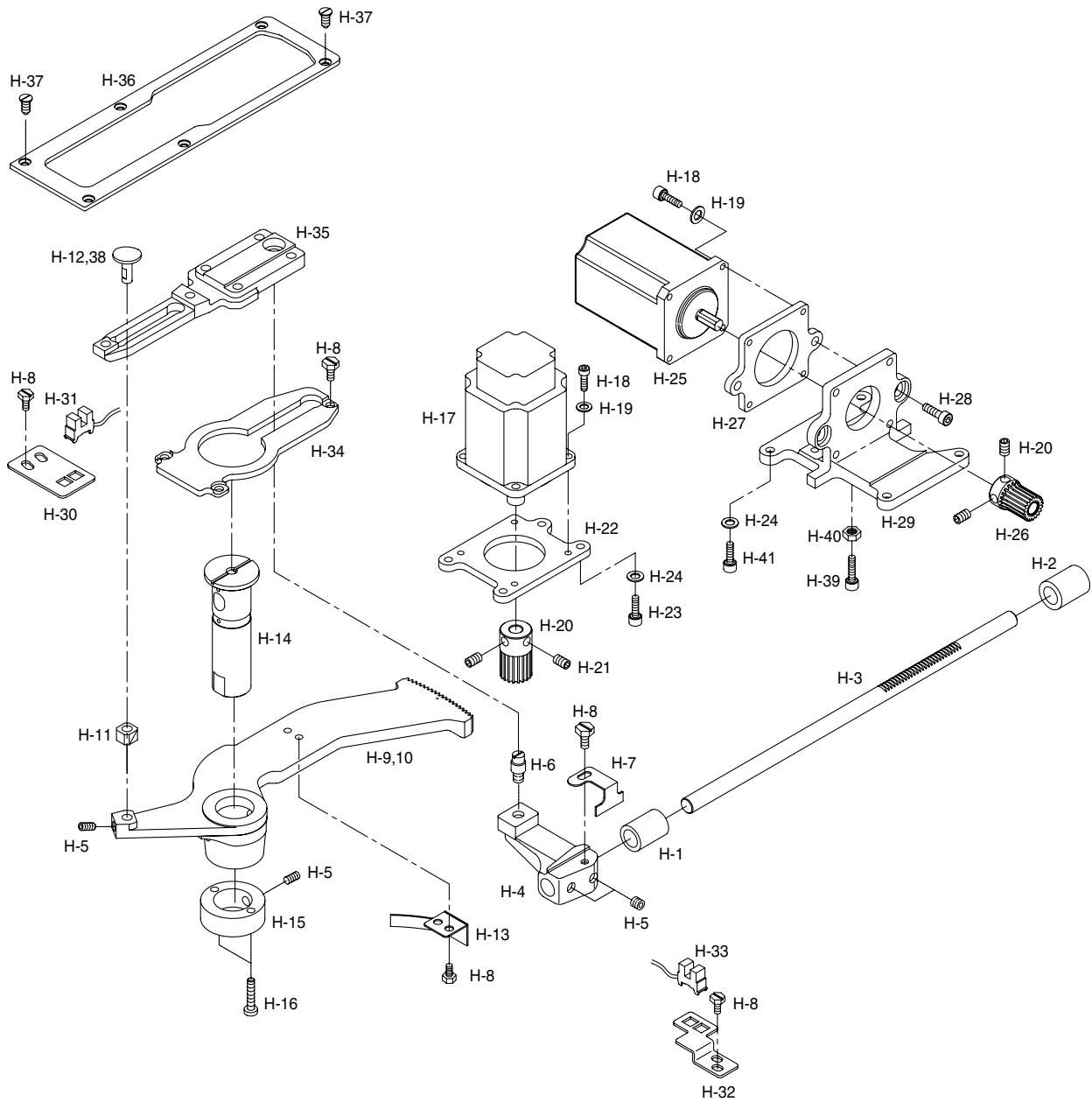
| No.  | Parts No.    | Note. | Name of Parts                         | 품 명               | Q' ty |    | Assembly No. |
|------|--------------|-------|---------------------------------------|-------------------|-------|----|--------------|
|      |              |       |                                       |                   | BS    | BR |              |
| G-1  | STT150-00001 |       | Trimmer Solenoid Ass'y                | 사절 솔레노이드(조)       | 1     | 1  |              |
| G-2  | GP-012287-01 |       | Auto Trimmer Solenoid Bracket         | 사절 솔레노이드 브라켓      | 1     | 1  |              |
| G-3  | GP-012288-00 |       | Thread Trimmer Damping Spring         | 사절 솔레노이드 완충 스프링   | 1     | 1  |              |
| G-4  | SC-0543-2302 |       | Screw(11/64" n = 40)                  | 쥘나사               | 2     | 2  |              |
| G-5  | PN-000219-00 |       | Thread Trimming Solenoid Pin          | 사절 솔레노이드 핀        | 1     | 1  |              |
| G-6  | 04014SC-4517 |       | Screw(M5×L5)                          | 쥘나사               | 1     | 1  |              |
| G-7  | 04-009C-3710 |       | E-Ring                                | E-링(φ5)           | 1     | 1  |              |
| G-8  | GP-012290-00 |       | Thread Trimming Driving Lever Bracket | 사절 구동 레버 브라켓      | 1     | 1  |              |
| G-9  | SC-0202-5050 |       | Screw(3/16" n = 28)                   | 사절 구동 레버 브라켓 고정나사 | 3     | 3  |              |
| G-10 | GP-012289-01 |       | Thread Trimming Driving Lever         | 사절 구동 레버          | 1     | 1  |              |
| G-11 | SC-000467-00 |       | Hinge Screw                           | 사절 구동 레버 단나사      | 1     | 1  |              |
| G-12 | 07S008S-306H |       | Washer                                | 사절 구동 레버 와셔       | 1     | 1  |              |
| G-13 | SN-0105-3400 |       | Nut(15/64" n = 28)                    | 너트                | 1     | 1  |              |
| G-14 | GP-022121-00 |       | Thread Trimming Cam                   | 사절 캠              | 1     | 1  |              |
| G-15 | SC-A129-4515 |       | Screw(1/4" n = 40)                    | 쥘나사               | 1     | 1  |              |
| G-16 | 10S011S-306H |       | Thread Release Notch                  | 실 늦추기 노치          | 1     | 1  |              |
| G-17 | 02014SC-4113 |       | Screw(M4×P0.7)                        | 쥘나사               | 1     | 1  |              |
| G-18 | GP-012291-00 |       | Thread Trimming Shaft                 | 사절 축              | 1     | 1  |              |
| G-19 | CL-000102-00 |       | Thread Trimming Shaft Spring          | 사절 축 카라           | 1     | 1  |              |
| G-20 | SC-0164-2700 |       | Screw                                 | 쥘나사               | 1     | 1  |              |
| G-22 | WS-000183-00 |       | Thread Trimming Shaft Washer          | 사절축 와셔            | 1     | 1  |              |
| G-23 | 10S018S-306H |       | Thread Trimming Driving Link Ass'y    | 사절 구동 링크(조)       | 1     | 1  |              |
| G-24 | SC-0317-2700 |       | Screw(15/64" n = 28)                  | 쥘나사               | 1     | 1  |              |
| G-25 | GP-014856-01 |       | Thread Trimming Shaft Spring          | 사절 축 스프링          | 1     | 1  |              |
| G-26 | 10S023S-306H |       | Thread Trimming Cam Roller            | 사절 캠 로울러          | 1     | 1  |              |
| G-27 | 10S024S-306H |       | Hinge Screw                           | 사절 캠 로울러 단나사      | 1     | 1  |              |
| G-28 | SN-0101-1600 |       | Nut(11/64" n = 40)                    | 너트                | 3     | 3  |              |
| G-29 | GP-012298-00 |       | Thread Release Lever                  | 실 늦추기 레버          | 1     | 1  |              |
| G-30 | PN-000233-01 |       | Thread Release Lever Pin              | 실 늦추기 레버 핀        | 1     | 1  |              |
| G-31 | 0869SN-9311  |       | Nut(15/64" n = 28)                    | 너트                | 1     | 1  |              |
| G-32 | 10-029A-120H |       | Thread Trimming Connecting Rod        | 사절 연결 로드          | 1     | 1  |              |
| G-33 | 10-220A-8577 |       | Rod End(R)                            | Rod End(우)        | 2     | 2  |              |
| G-34 | 0869SN-9311  |       | Nut(M5)                               | 너트                | 2     | 2  |              |
| G-35 | GP-022418-00 |       | Hinge Screw                           | 사절 연결 로드 단나사      | 2     | 2  |              |
| G-36 | 06-036W-3800 |       | Washer                                | 와셔                | 1     | 1  |              |
| G-37 | 10S135S-306H |       | Thread Trimming Connecting Link       | 사절 연결 링크          | 1     | 1  |              |
| G-38 | 10S036S-306H |       | Hinge Screw                           | 사절 연결 링크 단나사      | 1     | 1  |              |
| G-39 | GP-012292-00 |       | Thread Trimming Connecting Bar        | 사절 연결봉            | 1     | 1  |              |
| G-40 | 10S038S-306H |       | Hinge Screw                           | 사절 연결봉 단나사        | 1     | 1  |              |
| G-41 | SN-0119-1230 |       | Nut(3/16" n = 28)                     | 사절 연결봉 단나사용 너트    | 1     | 1  |              |
| G-42 | GP-012213-00 |       | Thread Trimming Stopper Bracket       | 사절 스톱퍼 브라켓        | 1     | 1  |              |
| G-43 | SC-0528-1230 |       | Screw(9/64" n = 40)                   | 쥘나사               | 1     | 1  |              |
| G-44 | SC-000505-00 |       | Link Stopper Screw                    | 링크 스톱퍼 나사         | 1     | 1  |              |
| G-45 | 10S064S-306H |       | Return Spring                         | 사절 연결봉 리턴 스프링     | 1     | 1  |              |
| G-46 | 10-019S-7507 |       | Spring Holder                         | 스프링 걸이            | 1     | 1  |              |
| G-47 | 10-040A-1254 |       | Needle Plate                          | 침판                | 1     |    |              |
| G-48 | 01-136S-1230 |       | Screw(11/64" n = 40)                  | 침판 쥘나사            | 1     |    |              |
| G-49 | 10-041A-120H |       | Needle Plate Cover(H)                 | 침판 커버-후물용         | 1     |    |              |
| G-50 | 10-043A-120M |       | Needle Plate Cover(M)                 | 침판 커버-일반용         | 1     |    |              |
| G-51 | 10-143A-120K |       | Needle Plate Cover(L.K)               | 침판 커버-박물용         | 1     |    |              |

# 사절 관계

## Thread Trimmer Mechanism

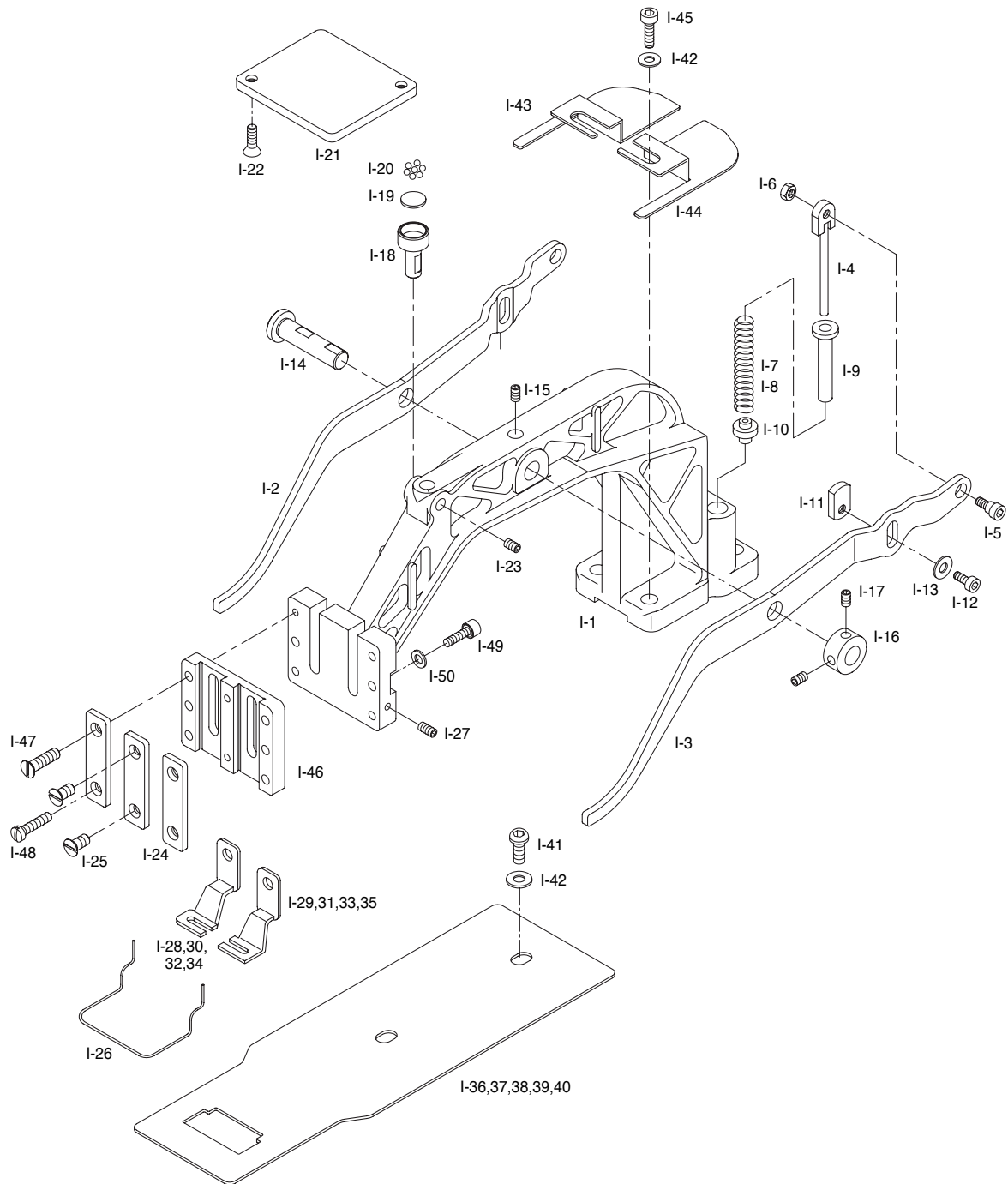


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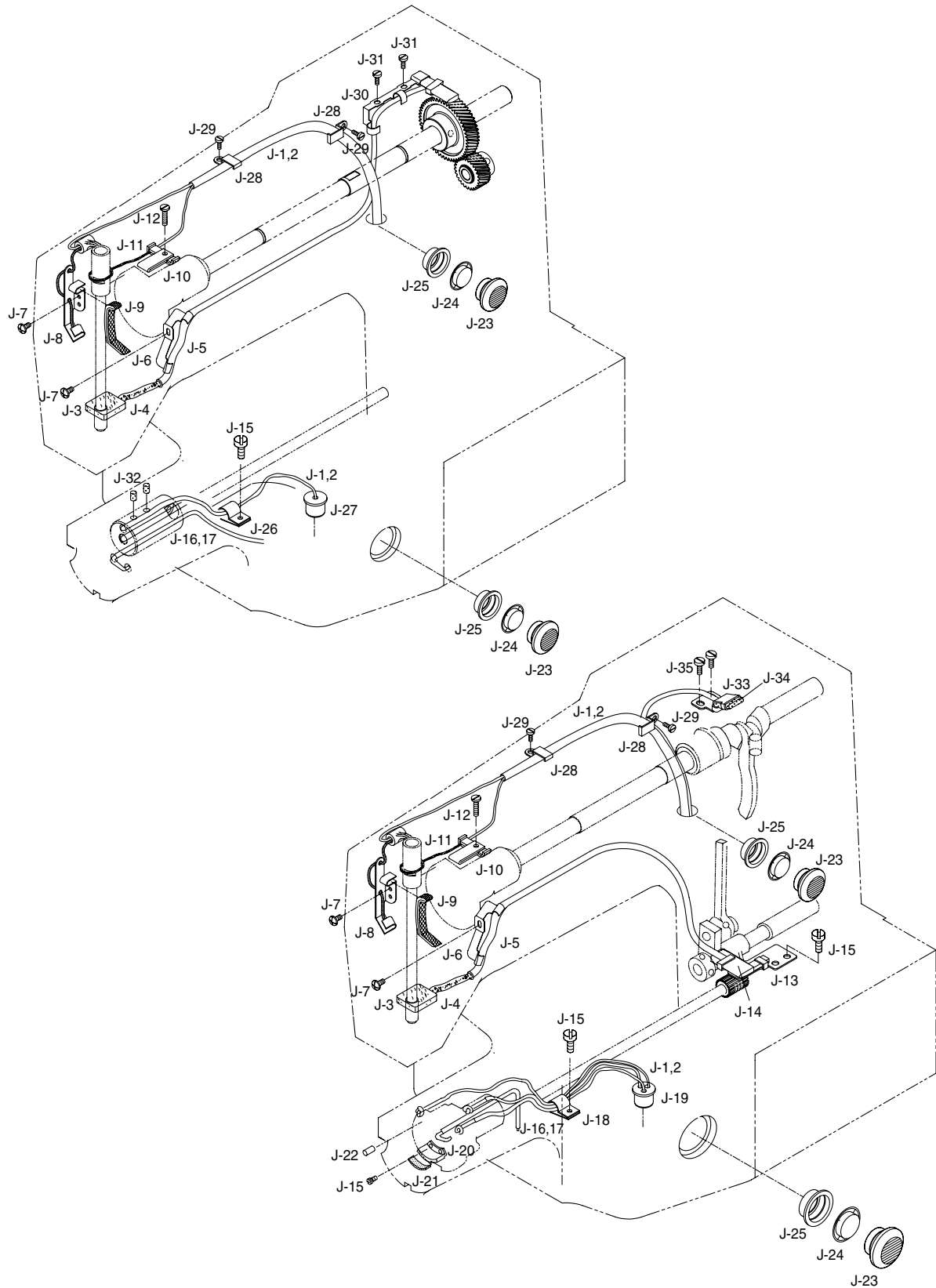


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# I 파이드 관계 Feed Mechanism

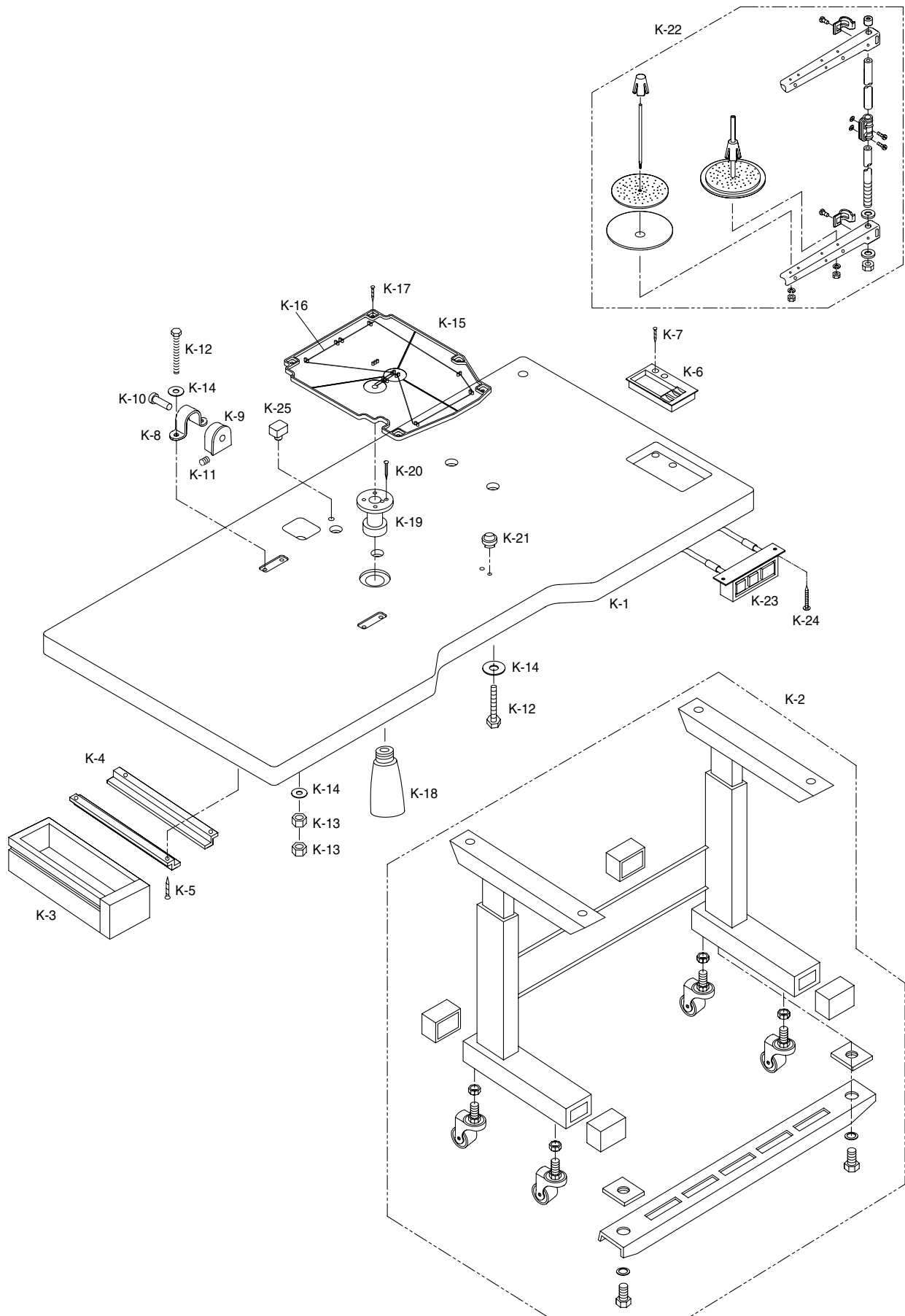


| No.    | Parts No.        | Note. | Name of Parts                    | 품 명                 | Q' ty |      | Assembly No. |
|--------|------------------|-------|----------------------------------|---------------------|-------|------|--------------|
|        |                  |       |                                  |                     | BS    | BR   |              |
| I-1    | GP - 012272 - 02 |       | Feed Bracket                     | 피이드 브라켓             | 1     | 1    |              |
| I-2    | GP-012271-01     |       | Lifting Lever(L)                 | 올림 레버 (좌)           | 1     | 1    |              |
| I-3    | GP-012270-01     |       | Lifting Lever(R)                 | 올림 레버 (우)           | 1     | 1    |              |
| I-4    | 22-011A-120H     |       | Spring Guide Rod                 | 스프링 가이드 로드(조)       | 2Set  | 2Set |              |
| I-5    | GP - 032051 - 00 |       | Hinge Screw For I-11             | 스프링 가이드 로드 단나사      | 2     | 2    |              |
| I-6    | SN-0111-1600     |       | Nut(3/16" n = 28)                | 너트(3/16", n = 28)   | 2     | 2    |              |
| I-7    | GP-016395-00     |       | Spring For Lifting Lever(H)      | 올림 레버 스프링-후물용       | 2     | 2    |              |
| I-8    | GP-016494-00     |       | Spring For Lifting Lever(M)      | 올림 레버 스프링-일반용       | 2     | 2    |              |
| I-9    | 22-017C-120H     |       | Spring Collar A                  | 스프링 카라(A)           | 2     | 2    |              |
| I-10   | 22-018C-120H     |       | Spring Collar B                  | 스프링 카라(B)           | 2     | 2    |              |
| I-11   | 22-008A-120H     |       | Adjusting Plate                  | 조정판                 | 2     | 2    |              |
| I-12   | 01S106S-306H     |       | Screw                            | 쥘나사                 | 2     | 2    |              |
| I-13   | 10-020W-2700     |       | Washer                           | 조정판 쥘나사용 와셔         | 2     | 2    |              |
| I-14   | GP-012275-00     |       | Lifting Lever Shaft              | 올림 레버 축             | 1     | 1    |              |
| I-15   | SC-0317-2700     |       | Screw(15/64" n = 28)             | 쥘나사 (15/64" n = 28) | 1     | 1    |              |
| I-16   | CL-000047-00     |       | Collar                           | 실채기 크랭크 축 카라        | 1     | 1    |              |
| I-17   | SC-0176-1230     |       | Screw(11/64" n = 40)             | 쥘나사(11/64", n = 40) | 2     | 2    |              |
| I-18   | GP-012273-00     |       | Ball Base                        | 볼 베이스               | 1     | 1    |              |
| I-19   | GP-012274-00     |       | Ball Support Space               | 볼 지지 스페이서           | 1     | 1    |              |
| I-20   | GP-014835-00     |       | Ball                             | 볼(강구) (1/8")        | 7     | 7    |              |
| I-21   | GP-012269-00     |       | Ball Support Plate               | 볼 지지판               | 1     | 1    |              |
| I-22   | SC - 000653 - 00 |       | Screw(M6x L10)                   | (M6xL10)            | 2     | 2    |              |
| I-23   | SC-0164-2700     |       | Screw (M5)                       | 쥘나사 (M5)            | 1     | 1    |              |
| I-24   | GP - 019990 - 01 |       | Guide Cover For Work Clamp Foot  | 가                   | 3     | 3    |              |
| I-25   | SC-0528-1230     |       | Screw(9/64" n = 40)              | 나사 (9/64" n = 40)   | 2     | 2    |              |
| I-26   | GP-014872-00     |       | Finger Guard                     | 핑거 가드               | 1     | 1    |              |
| I-27   | SC-000531-00     |       | Screw(9/64" n = 40)              | 쥘나사                 | 2     | 2    |              |
| I-28   | 22-019A-120H     |       | Work Clamp Foot-L(H)             | 노루발(좌)-후물용          | 1     | 1    |              |
| I-29   | 22-020A-120H     |       | Work Clamp Foot-R(H)             | 노루발(우)-후물용          | 1     | 1    |              |
| I-30   | 22-021A-120M     |       | Work Clamp Foot-L(M)             | 노루발(좌)-일반용          | 1     | 1    |              |
| I-31   | 22-022A-120M     |       | Work Clamp Foot-R(M)             | 노루발(우)-일반용          | 1     | 1    |              |
| I-32   | 22-023A-120L     |       | Work Clamp Foot-L(L)             | 노루발(좌)-박물용          | 1     | 1    |              |
| I-33   | 22-024A-120L     |       | Work Clamp Foot-R(L)             | 노루발(우)-박물용          | 1     | 1    |              |
| I-34   | 22-023A-120K     |       | Work Clamp Foot-L(K)             | 노루발(좌)-니트용          | 1     | 1    |              |
| I-35   | 22-024A-120K     |       | Work Clamp Foot-R(K)             | 노루발(우)-니트용          | 1     | 1    |              |
| I-36   | GP-012278-00     |       | Feed Plate(M)                    | 하피이드판-일반용           | 1     | 1    |              |
| I-37   | GP-014957-00     |       | Feed Plate(H)                    | 하피이드판-후물용           | 1     | 1    |              |
| I-38   | GP-015065-00     |       | Feed Plate(L)-A                  | 하피이드판(A)-박물용        | 1     | 1    |              |
| I-39   | GP-016971-00     |       | Feed Plate(L)-B                  | 하피이드판(B)-박물용        | 1     | 1    |              |
| I-40   | GP-015064-00     |       | Feed Plate(K)                    | 하피이드판-니트용           | 1     | 1    |              |
| I-41   | 22-031A-120H     |       | Screw (M6 × L10)                 | 나사 (M6 × L10)       | 2     | 2    |              |
| I-42   | 22S025S-306H     |       | Washer                           | 와셔                  | 6     | 6    |              |
| I-43   | GP-012276-01     |       | Dust Protect Plate (L)           | 먼지막이판(좌)            | 1     | 1    |              |
| I-44   | GP-014956-01     |       | Dust Protect Plate (R)           | 먼지막이판(우)            | 1     | 1    |              |
| I-45   | SC-0108-2350     |       | Bolt (M6 × L20)                  | 고정볼트 (M6 × L20)     | 4     | 4    |              |
| I - 46 | GP - 017666 - 00 |       | Guide Block for Feed Plate Clamp | 가                   | 1     | 1    |              |
| I - 47 | SC - 000555 - 00 |       | Screw(9/64" n=40)                | ( )                 | 2     | 2    |              |
| I - 48 | SC - 000556 - 00 |       | Screw(9/64" n=40)                | ( )                 | 2     | 2    |              |
| I - 49 | 22S019S - 306H   |       | Screw(M4xP0.7, L=12)             |                     | 2     | 2    |              |
| I - 50 | 01 - 017W - 1600 |       | Washer                           |                     | 2     | 2    |              |



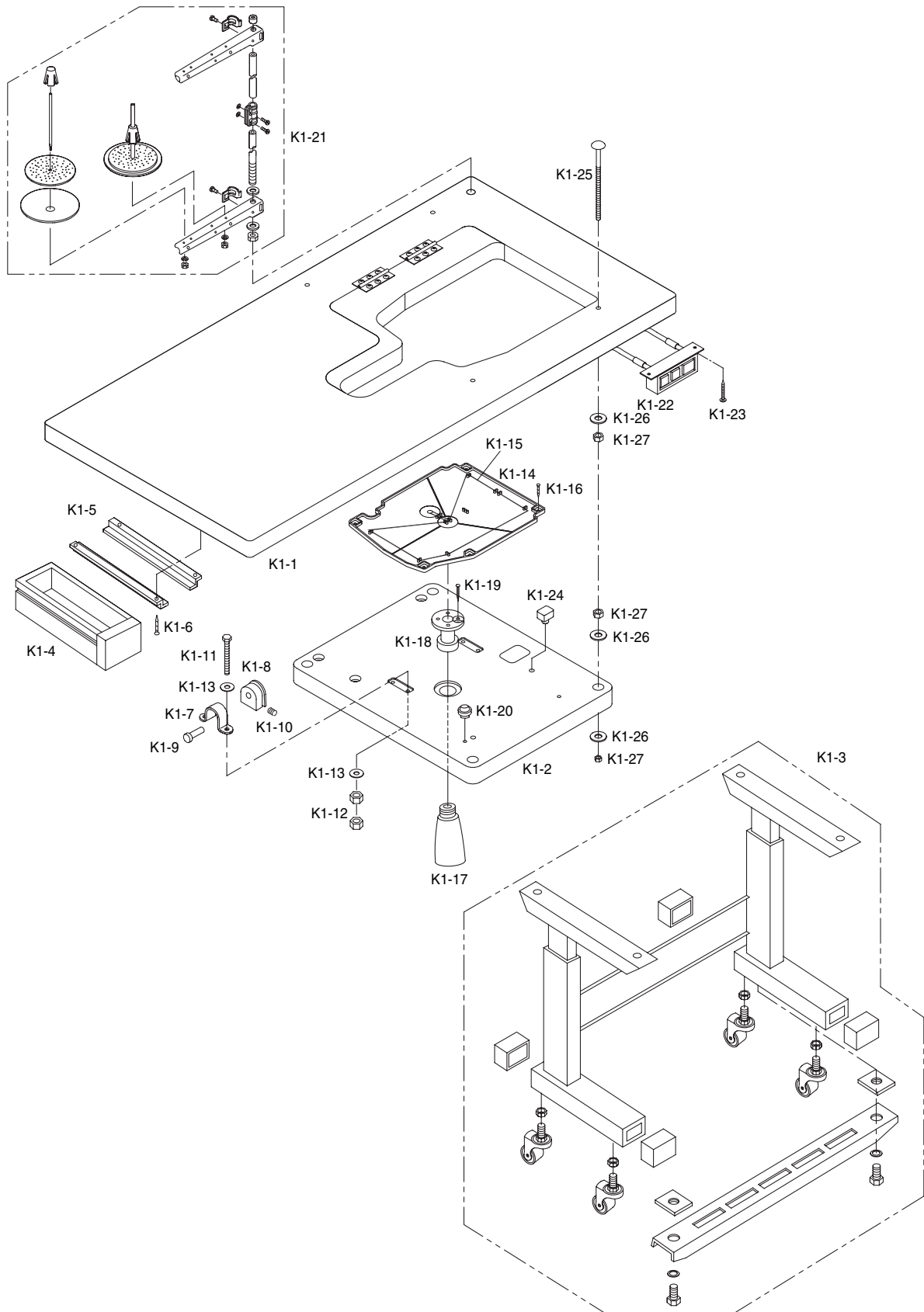
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## 테이블 및 실패꽃이 관계 Table & Thread Stand Mechanism

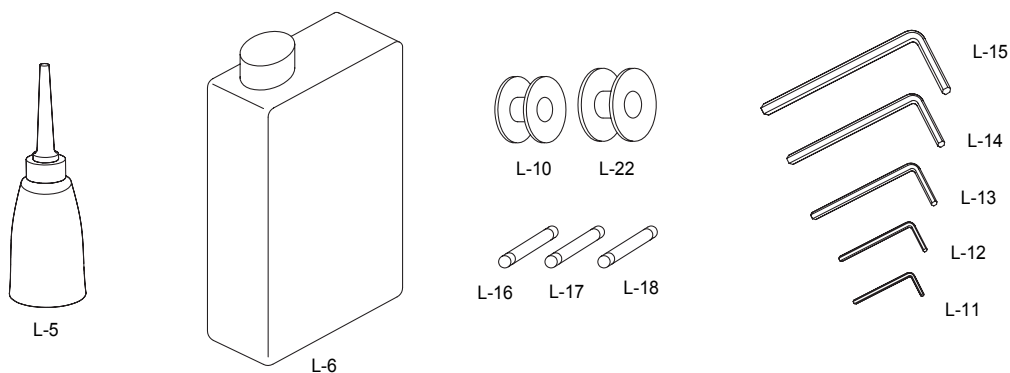
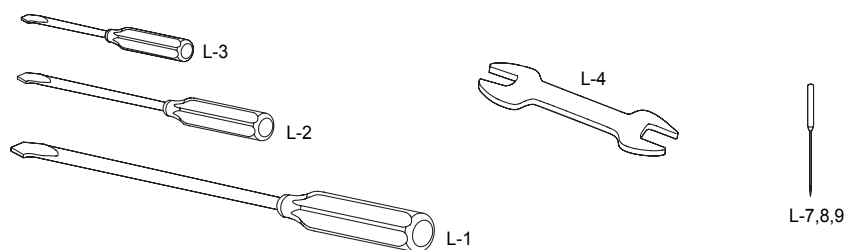


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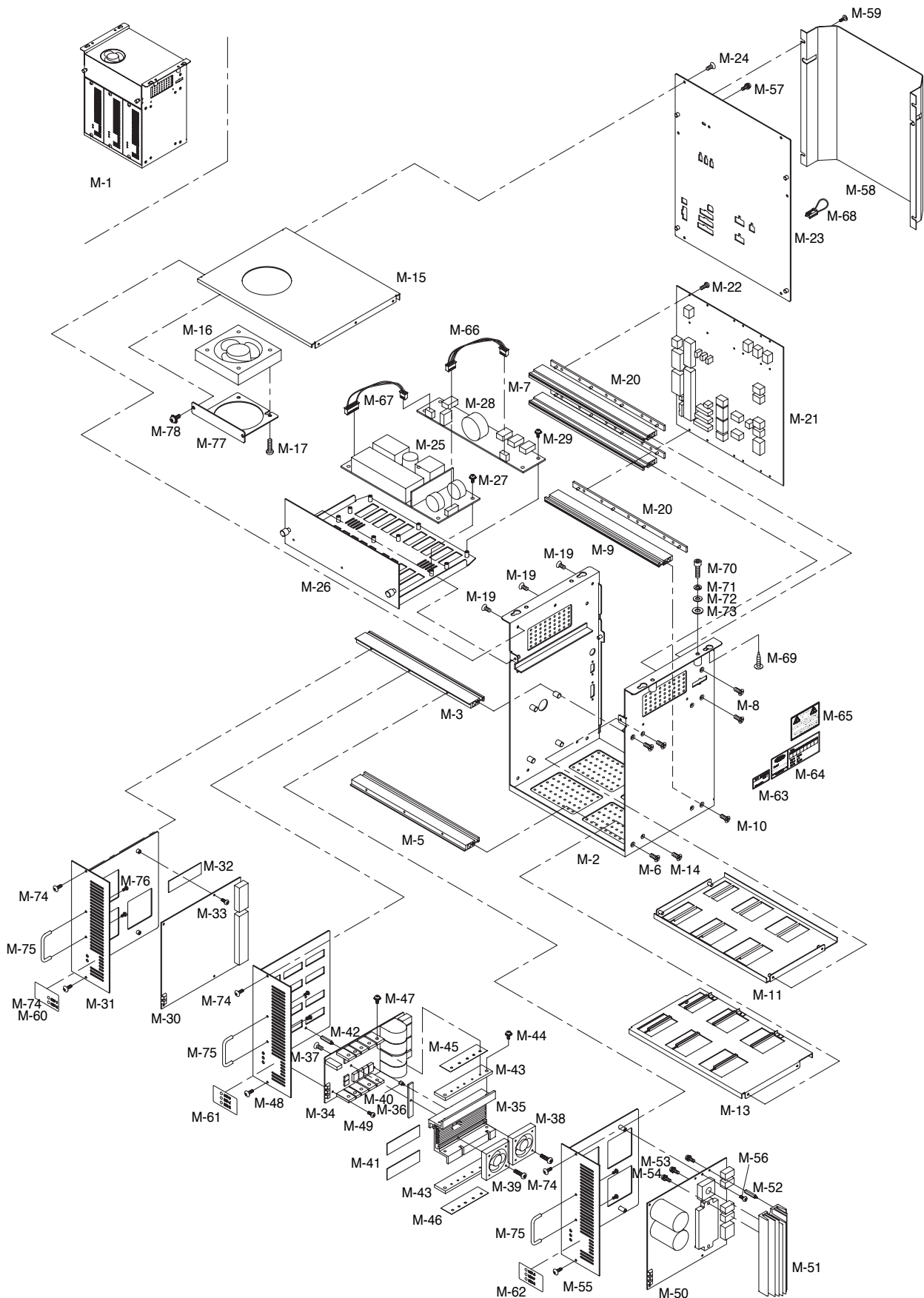
## 테이블 및 실패꽃이 관계 (SPS/E-BS(BR)1201M(BA)) Table & Thread Stand Mechanism (SPS/E-BS(BR)1201M(BA))



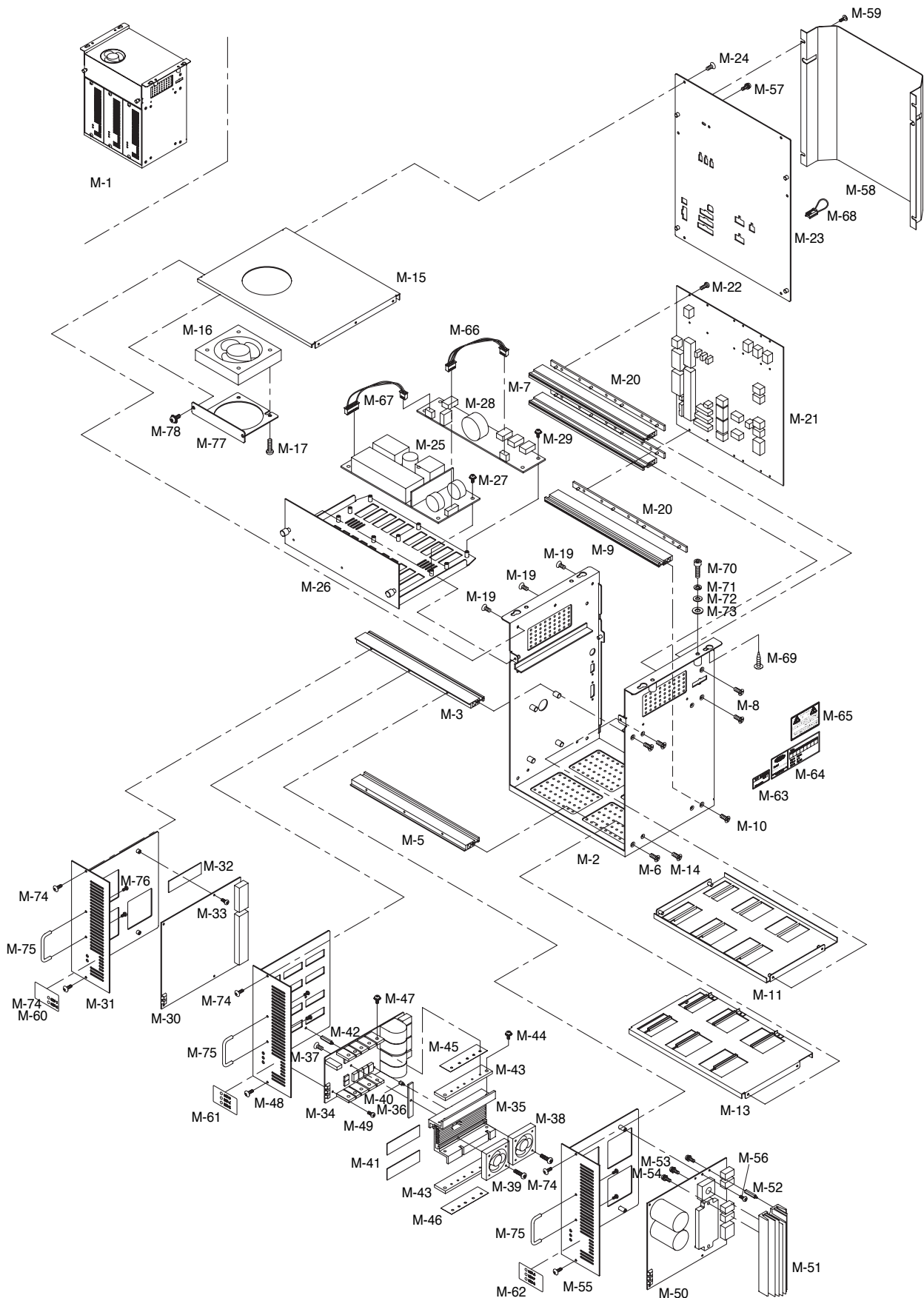
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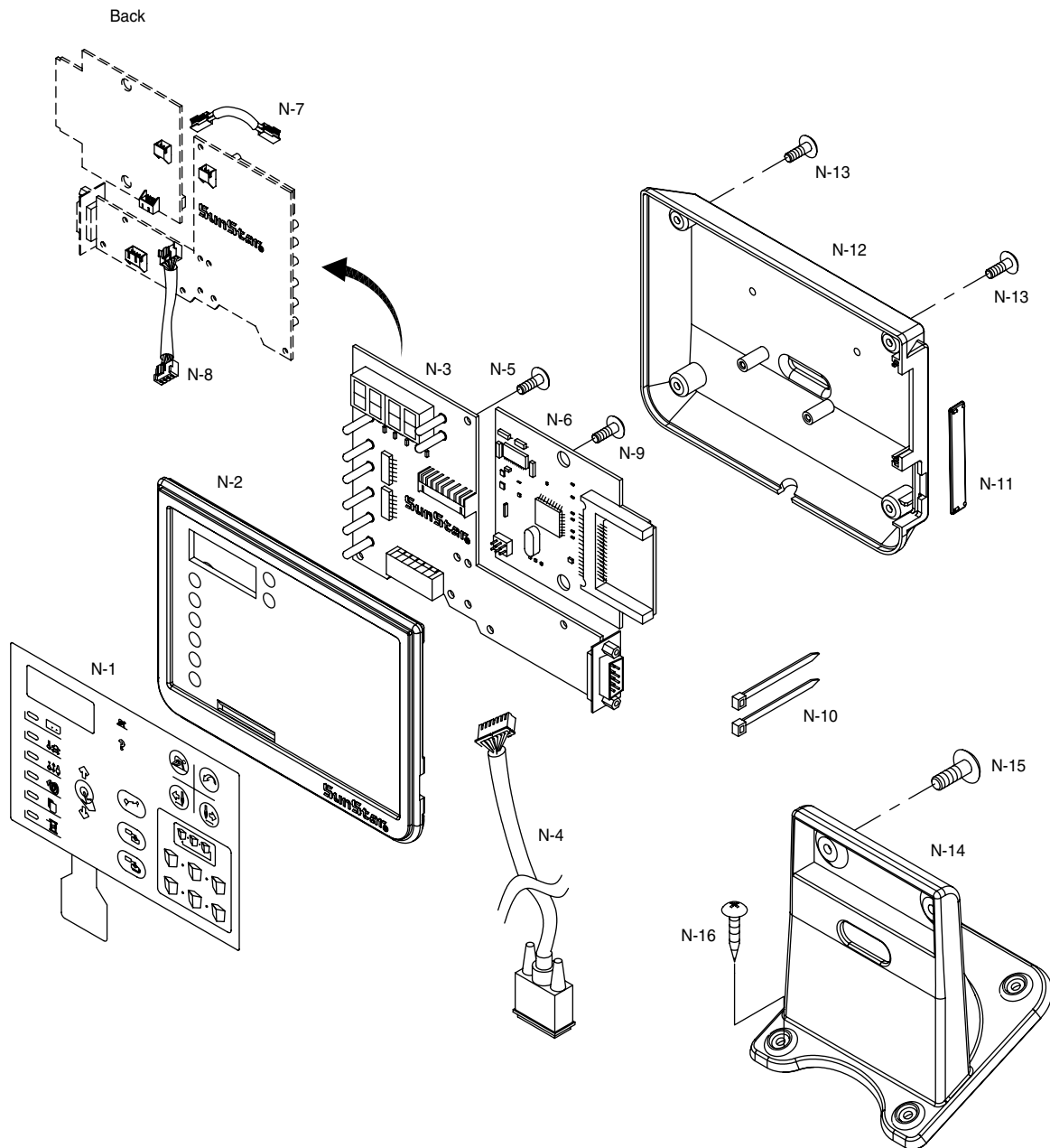
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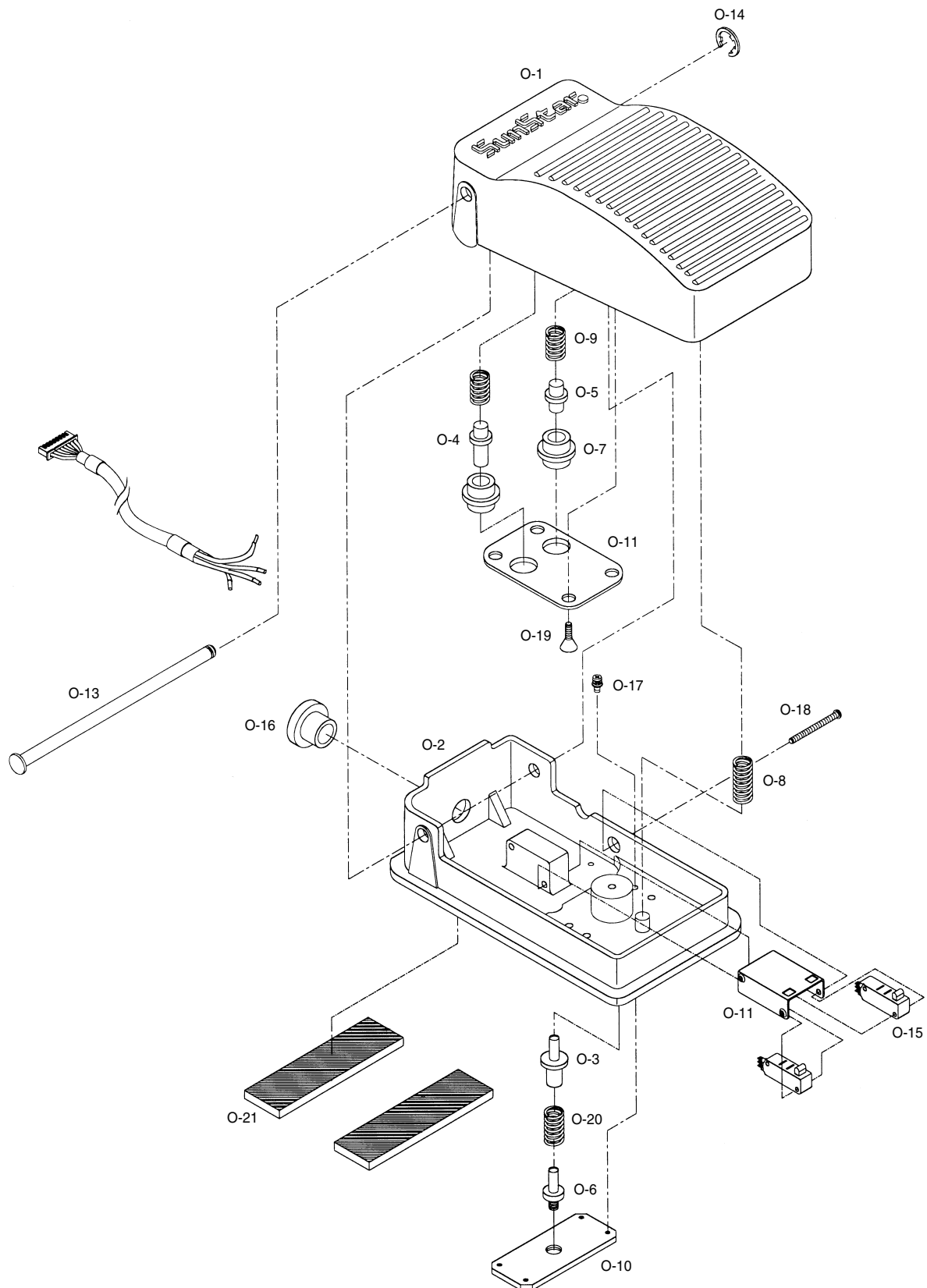
| No.  | Parts No.    | Note. | Name of Parts           | 품 명                                  | Q' ty | Assembly No. |
|------|--------------|-------|-------------------------|--------------------------------------|-------|--------------|
| M-1  | SSBT-0000035 |       | Control Box Ass'y       | 콘트롤박스 (組)                            | 1     |              |
| M-2  | GP-008658-01 |       | Box Body                | 박스바디                                 | 1     |              |
| M-3  | GP-008671-00 |       | Front Profile Upper     | 전면부 프로파일-상                           | 1     |              |
| M-4  | 10-016S-CPT1 |       | Screw(M4×L12)           | 전면부 프로파일-상 고정나사(M4×L12)              | 2     |              |
| M-5  | GP-008672-00 |       | Front Profile Lower     | 전면부 프로파일-하                           | 1     |              |
| M-6  | 10-016S-CPT1 |       | Screw(M4×L12)           | 전면부 프로파일-하 고정나사(M4×L12)              | 2     |              |
| M-7  | GP-008673-00 |       | Rear Profile Upper      | 후면부 프로파일-상                           | 2     |              |
| M-8  | 10-016S-CPT1 |       | Screw(M4×L12)           | 후면부 프로파일-상 고정나사(M4×L12)              | 4     |              |
| M-9  | GP-008674-00 |       | Rear Profile Lower      | 후면부 프로파일-하                           | 1     |              |
| M-10 | 10-016S-CPT1 |       | Screw(M4×L12)           | 후면부 프로파일-하 고정나사(M4×L12)              | 2     |              |
| M-11 | GP-008666-01 |       | Upper Frame             | 가로지지대-상                              | 1     |              |
| M-12 | 10-004M-SW68 |       | Screw(M3×L5)            | 가로지지대-상 고정나사(M3×L5)                  | 4     |              |
| M-13 | GP-008663-01 |       | Lower Frame             | 가로지지대-하                              | 1     |              |
| M-14 | 10-004M-SW68 |       | Screw(M3×L5)            | 가로지지대-하 고정나사(M3×L5)                  | 4     |              |
| M-15 | GP-008662-03 |       | Upper Cover             | 상면커버                                 | 1     |              |
| M-16 | EP-000040-00 |       | Control Box Fan         | 콘트롤박스 Fan                            | 1     |              |
| M-17 | SC-000392-00 |       | Screw(M4×L30)           | 콘트롤박스 Fan 고정나사(M4×L30)               | 4     |              |
| M-19 | 10-004M-SW68 |       | Screw(M3×L5)            | 상면커버 고정나사(M3×L5)                     | 6     |              |
| M-20 | GP-008667-00 |       | Insulation Plate        | 절연 플레이트                              | 3     |              |
| M-21 | BD-000204-00 |       | Backplane Board         | 백플레인 보드                              | 1     |              |
| M-22 | 10-020M-SW66 |       | Screw(M3×L12)           | Backplane Board 고정나사(Set)(M3×L12)    | 18    |              |
| M-23 | GP-008659-01 |       | Rear Cover              | 후면커버                                 | 1     |              |
| M-24 | 10-004M-SW68 |       | Screw(M3×L5)            | 후면커버 고정나사(M3×L5)                     | 6     |              |
| M-25 | EP-000039-00 |       | SMPS                    | SMPS                                 | 1     |              |
| M-26 | GP-008701-01 |       | SMPS Bracket            | SMPS 브라켓                             | 1     |              |
| M-27 | 10-002S-SW66 |       | Screw(M3×L8)            | SMPS 고정나사(Set)(M3×L8)                | 5     |              |
| M-28 | BD-000203-00 |       | DDC Board               | DDC 보드                               | 1     |              |
| M-29 | 10-002S-SW66 |       | Screw(M3×L8)            | DDC 보드 고정나사(Set)(M3×L8)              | 6     |              |
| M-30 | BD-000205-00 |       | Digital Board           | 디지털 보드                               | 1     |              |
| M-31 | GP-008668-01 |       | Digital Board Bracket   | 디지털 보드 브라켓                           | 1     |              |
| M-32 | GP-007198-00 |       | SMD FET Ragiator Sheet  | 디지털 보드 SMD FET 방열시트                  | 1     |              |
| M-33 | 10-002S-SW66 |       | Screw(M3×L8)            | 디지털 보드 고정나사 고정나사(Set)(M3×L8)         | 4     |              |
| M-34 | BD-000207-00 |       | Step Board              | 스텝 보드                                | 1     |              |
| M-35 | GP-006318-00 |       | Step Board Radiator     | 스텝 보드 방열판                            | 1     |              |
| M-36 | GP-007197-00 |       | SMD FET Ragiator        | SMD FET 방열판                          | 1     |              |
| M-37 | 10-004M-SW68 |       | Screw(M3×L5)            | SMD FET 방열판 고정나사(Set)(M3×L5)         | 1     |              |
| M-38 | EP-000041-00 |       | Step Board Fan          | 스텝보드 Fan                             | 2     |              |
| M-39 | 01-017C-DU33 |       | Screw(M4×L25)           | 스텝보드 Fan 고정나사(M4×L25)                | 4     |              |
| M-40 | GP-010656-00 |       | Step Board Stud(A)      | 스텝 보드 스터드(A)(3-5-5)                  | 5     |              |
| M-41 | GP-007198-00 |       | SMD FET Radiator Sheet  | 스텝보드 SMD FET 방열시트                    | 2     |              |
| M-42 | 10-012M-PT10 |       | Step Board Stud(B)      | 스텝 보드 스터드(B)(3-5-15)                 | 5     |              |
| M-43 | GP-007196-00 |       | Step Board FET Radiator | Step Board FET 방열판                   | 2     |              |
| M-44 | 07-004S-SM5S |       | Screw(M4×L10)           | Step Board FET 방열판 고정나사(Set)(M4×L10) | 4     |              |
| M-45 | GP-007199-00 |       | FET Radiator Sheet A    | FET 방열시트 A                           | 1     |              |
| M-46 | GP-007201-00 |       | FET Radiator Sheet B    | FET 방열시트 B                           | 1     |              |
| M-47 | 07-005S-SM5S |       | Screw(M3×L10)           | FET 고정나사 (Set)(M3×L10)               | 11    |              |
| M-48 | GP-008669-01 |       | Step Board Bracket      | 스텝 보드 브라켓                            | 1     |              |
| M-49 | 10-004M-SW68 |       | Screw(M3×L5)            | 스텝 보드 고정나사 (M3×L5)                   | 5     |              |
| M-50 | BD-000206-03 |       | Main Board              | 주축보드                                 | 1     |              |
| M-51 | GP-007203-00 |       | Main Board Radiator     | 주축보드 방열판                             | 1     |              |



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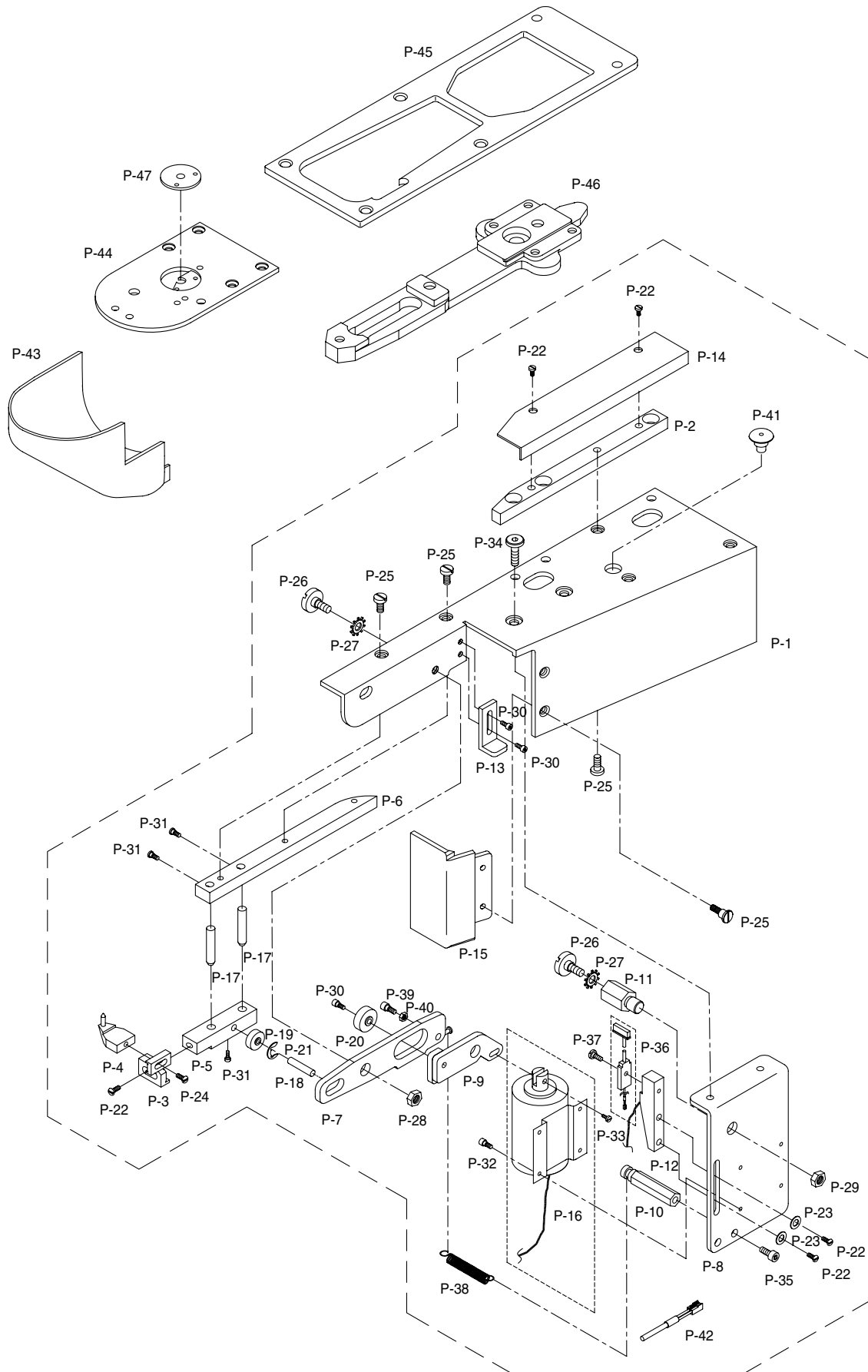


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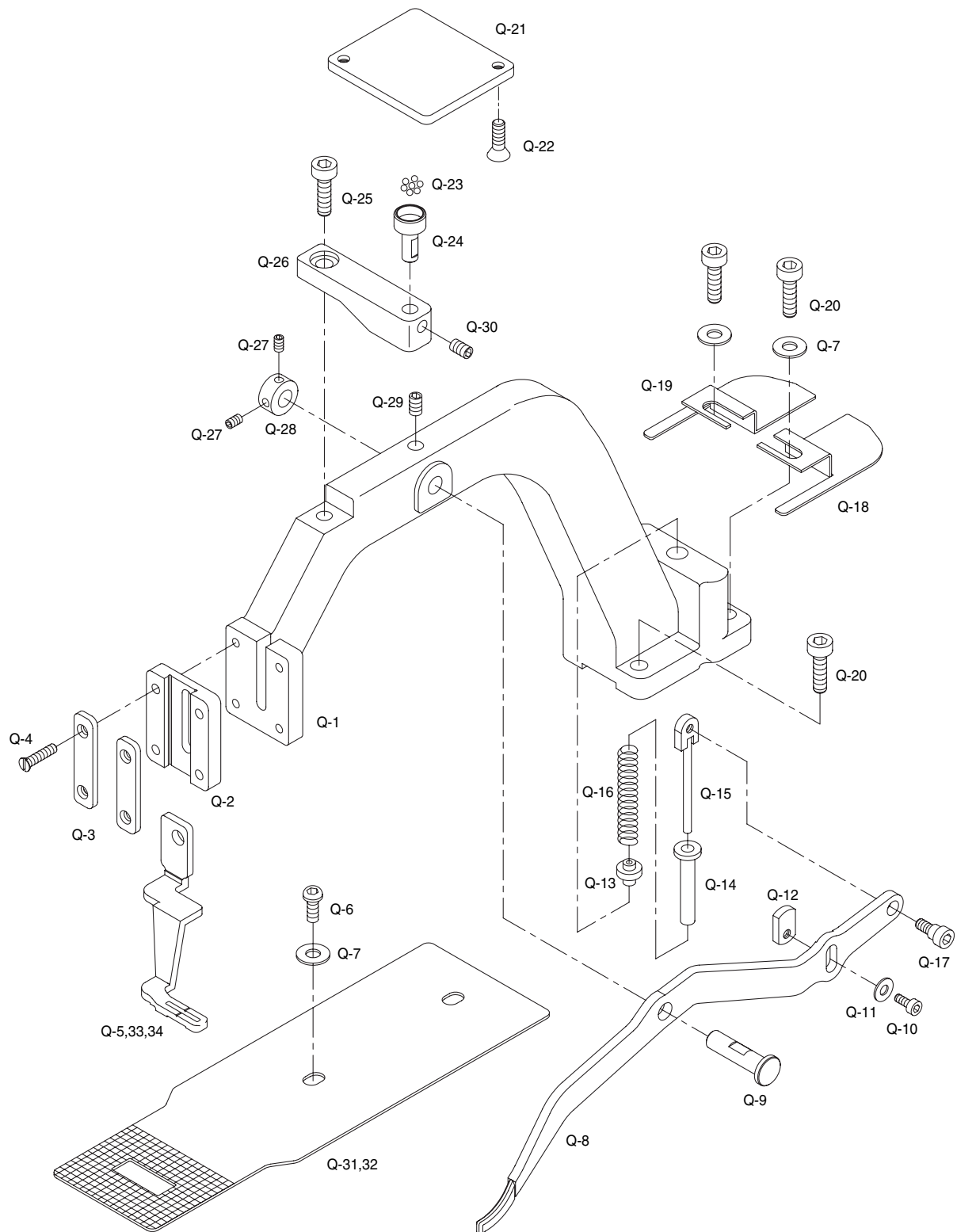
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## 벤트홀 관계 Vent Hole Device Mechanism



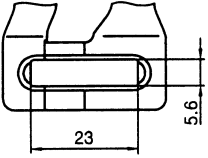
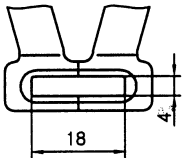
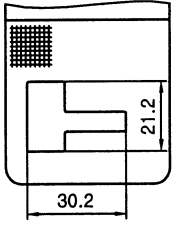
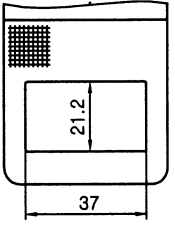
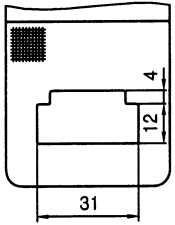
| No.  | Parts No.     | Note. | Name of Parts           | 품 명          | Q' ty |    | Assembly No. |
|------|---------------|-------|-------------------------|--------------|-------|----|--------------|
|      |               |       |                         |              | BS    | BR |              |
| P-1  |               |       | Hole Pattern Attachment | 구멍 고정 장치 (조) |       | 1  |              |
| P-2  | 85-001A-12HP  |       | Cover Guide             | 커버 가이드       |       | 1  |              |
| P-3  | 85-002A-12HP  |       | Pin Plate A             | 핀 플레이트 A     |       | 1  |              |
| P-4  | 85-003P-12HP  |       | Pin A                   | 핀 A          |       | 1  |              |
| P-5  | 85-004A-12HP  |       | Pin Plate B             | 핀 플레이트 B     |       | 1  |              |
| P-6  | 85-005A-12HP  |       | Pin Plate C             | 핀 플레이트 C     |       | 1  |              |
| P-7  | 85-006A-12HP  |       | Pin Plate D             | 핀 플레이트 D     |       | 1  |              |
| P-8  | 85-007C-12HP  |       | Link-Lever A            | 링크 레버 A      |       | 1  |              |
| P-9  | 85-008C-12HP  |       | Link-Lever B            | 링크 레버 B      |       | 1  |              |
| P-10 | 15-015S-3500  |       | Bolt A                  | 볼트 A         |       | 1  |              |
| P-11 | 85-010S-12HP  |       | Bolt B                  | 볼트 B         |       | 1  |              |
| P-12 | 85-011A-12HP  |       | Sensor Plate            | 센서 플레이트      |       | 1  |              |
| P-13 | 85-012C-12HP  |       | Stoper                  | 스토퍼          |       | 1  |              |
| P-14 | 85-013A-12HP  |       | Cover A                 | 커버 A         |       | 1  |              |
| P-15 | 85-014A-12HP  |       | Cover B                 | 커버 B         |       | 1  |              |
| P-16 | 10-044A-12HP  |       | Solenoid                | 솔레노이드        |       | 1  |              |
| P-17 | 85-016P-12HP  |       | Pin B                   | 핀 B          |       | 2  |              |
| P-18 | 85-017P-12HP  |       | Pin C                   | 핀 C          |       | 1  |              |
| P-19 | 85-034A-12HP  |       | Bearing                 | 베어링          |       | 1  |              |
| P-20 | 85-019C-12HP  |       | Bearing                 | 베어링          |       | 1  |              |
| P-21 | 85-037C-12HP  |       | E Ring                  | E 링          |       | 1  |              |
| P-22 | 85-020S-12HP  |       | Screw                   | 스크류          |       | 5  |              |
| P-23 | 85-021W-12HP  |       | Washer                  | 와셔           |       | 2  |              |
| P-24 | 85-033S-12HP  |       | Screw                   | 스크류          |       | 1  |              |
| P-25 | SC-A119-4119  |       | Screw                   | 스크류          |       | 5  |              |
| P-26 | 15-015S-3500  |       | Screw                   | 스크류          |       | 2  |              |
| P-27 | 85-036HP-12HP |       | Wave Washer             | 와셔           |       | 2  |              |
| P-28 | SN-0107-1230  |       | Nut                     | 너트           |       | 1  |              |
| P-29 | 85-035S-12HP  |       | Nut                     | 너트           |       | 1  |              |
| P-30 | 85-025S-12HP  |       | Screw                   | 스크류          |       | 3  |              |
| P-31 | 85-026S-12HP  |       | Screw                   | 스크류          |       | 3  |              |
| P-32 | 85-027S-12HP  |       | Screw                   | 스크류          |       | 4  |              |
| P-33 | 85-028S-12HP  |       | Screw                   | 스크류          |       | 1  |              |
| P-34 | 85-029S-12HP  |       | Screw                   | 스크류          |       | 2  |              |
| P-35 | 85-030S-12HP  |       | Screw                   | 스크류          |       | 1  |              |
| P-36 | 15-027A-2070  |       | Sensor                  | 누름판 센서       |       | 1  |              |
| P-37 | 88-032S-12HP  |       | Screw                   | 스크류          |       | 1  |              |
| P-38 | 85-038G-12HP  |       | Spring                  | 스프링          |       | 1  |              |
| P-39 | 85-039S-12HP  |       | Screw                   | 스크류          |       | 1  |              |
| P-40 | 85-040S-12HP  |       | Nut                     | 너트           |       | 1  |              |
| P-41 | 85-018R-12HP  |       | Rubber Cap              | 고무마개         |       | 1  |              |
| P-42 | 15-027A-12HP  |       | Sensor connecting Cable | 센서 입력 케이블    |       | 1  |              |
| P-43 | 07S147S-306H  |       | Hook Cover              | 훅커버 (조)-HP   |       | 1  |              |
| P-44 | GP-015015-00  |       | Needle Plate            | 침판-HP        |       | 1  |              |
| P-45 | GP-015034-00  |       | Feed Plate              | 이송판-HP       |       | 1  |              |
| P-46 | 20-249A-120H  |       | Feed Guide Bracket      | 피이드 가이드 브라켓  |       | 1  |              |
| P-47 | GP-015290-00  |       | Needle Plate Cover      | 침판 커버 (벤트홀)  |       | 1  |              |
|      |               |       |                         |              |       |    |              |
|      |               |       |                         |              |       |    |              |
|      |               |       |                         |              |       |    |              |

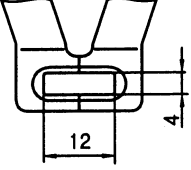
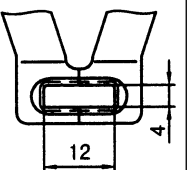
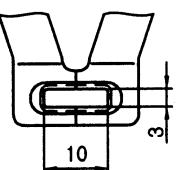
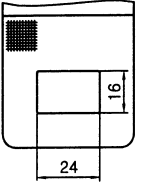
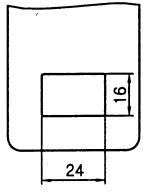
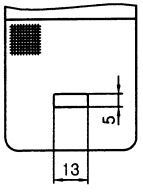
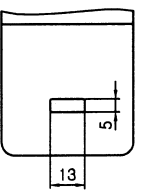
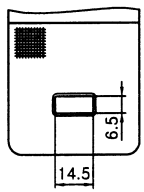
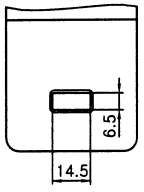
# **피이드 관계 (SPS/E-BS(BR)1201M(BA))** **Feed Mechanism (SPS/E-BS(BR)1201M(BA))**



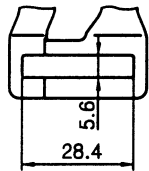
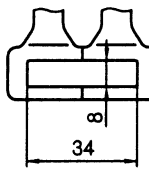
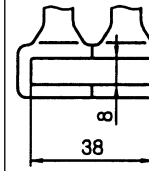
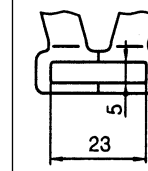
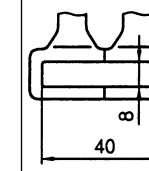
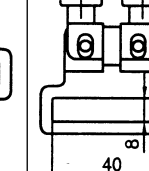
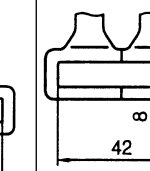
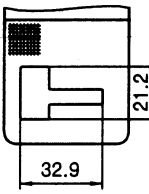
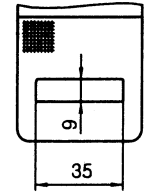
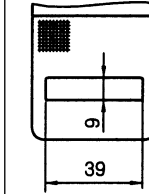
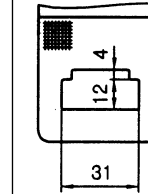
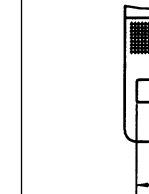
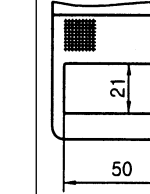
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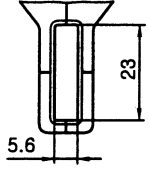
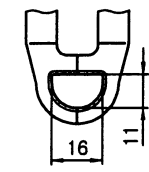
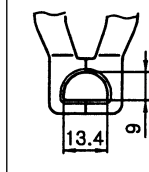
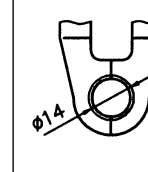
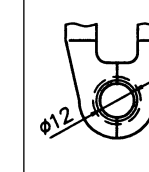
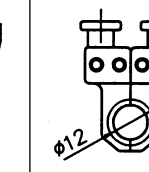
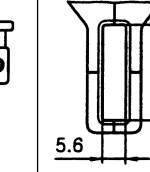
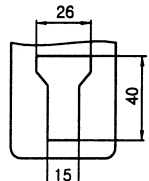
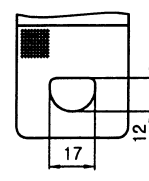
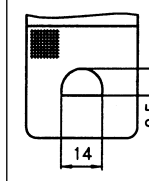
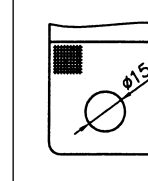
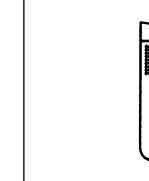
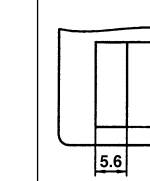
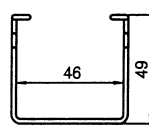
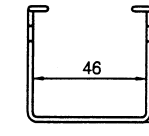
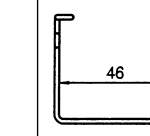
### 표준형 / Standard Type

| Part Name<br>(품명)              | SPS/C(D)-B1201 □                                                                                                                                                      |                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                | H(후물용)                                                                                                                                                                | M(일반용)                                                                              |
| WORK<br>CLAMP<br>FOOT<br>(노루발) |                                                                                      |  |
| Ass'y (조)                      | -                                                                                                                                                                     | -                                                                                   |
| Left (좌)                       | 22-019A-120H                                                                                                                                                          | 22-021A-120M                                                                        |
| Right (우)                      | 22-0202A-120H                                                                                                                                                         | 22-022A-120M                                                                        |
| FEED<br>PLATE<br>(이송판)         |   |                                                                                     |
|                                | GP-016974-00                                                                                                                                                          | GP-014957-00                                                                        |
|                                |                                                                                   |                                                                                     |
|                                | GP-012278-00                                                                                                                                                          |                                                                                     |

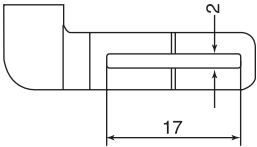
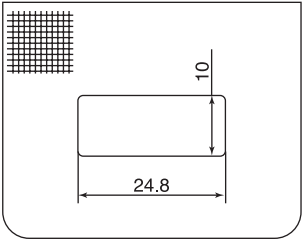
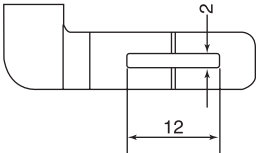
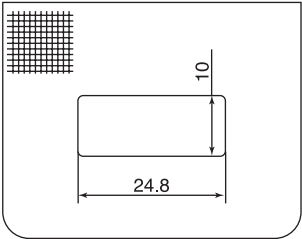
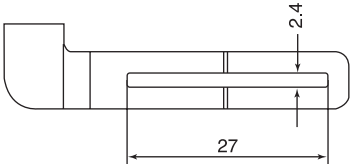
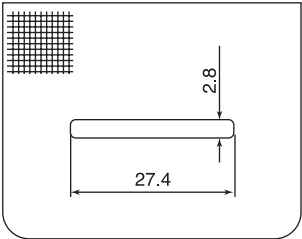
| Part Name<br>(품명)              | SPS/C(D)-B1201 □                                                                    |                                                                                                         |                                                                                                |                                                                                                                     |                                                                                                           |                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                                | L(박물용)                                                                              |                                                                                                         |                                                                                                | K(니트용)                                                                                                              |                                                                                                           |                                                                                                           |
| WORK<br>CLAMP<br>FOOT<br>(노루발) |  |                                                                                                         |                                                                                                | Without Knurling<br>           | Without Knurling<br> |                                                                                                           |
| Left(좌)                        | 22-023A-120L                                                                        |                                                                                                         |                                                                                                | 22-023A-120K                                                                                                        | 22-123A-120K                                                                                              |                                                                                                           |
| Right(우)                       | 22-024A-120L                                                                        |                                                                                                         |                                                                                                | 22-024A-120K                                                                                                        | 22-124A-120K                                                                                              |                                                                                                           |
| FEED<br>PLATE<br>(이송판)         |  | Without Knurling<br> | t = 0.8<br> | t = 0.8<br>Without Knurling<br> |                      | Without Knurling<br> |
|                                | GP-015065-00                                                                        | GP-016971-00                                                                                            | GP-016972-00                                                                                   | GP-017540-00                                                                                                        | GP-015064-00                                                                                              | GP-021294-00                                                                                              |

● 선택형 / Option Type

| Part Name                | Option(옵션)-1                                                                      | Option(옵션)-2                                                                      | Option(옵션)-3                                                                      | Option(옵션)-4                                                                      | Option(옵션)-5                                                                       | Option(옵션)-5-1                                                                      | Option(옵션)-6                                                                        |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| WORK CLAMP FOOT<br>(노루발) |  |  |  |  |  |  |  |
| Left(좌)                  | 22-119A-120H                                                                      | 22-121A-120H                                                                      | 22-126A-120H                                                                      | 22-135A-120H                                                                      | 22-141A-120H                                                                       | 22-502A-120H<br>(Ass' y) (조)                                                        | 22-144A-120H                                                                        |
| Right(우)                 | 22-120A-120H                                                                      | 22-122A-120H                                                                      | 22-127A-120H                                                                      | 22-136A-120H                                                                      | 22-142A-120H                                                                       |                                                                                     | 22-145A-120H                                                                        |
| FEED PLATE<br>(이송판)      |  |  |  |  |  |                                                                                     |  |
|                          | GP-017537-00                                                                      | GP-017538-00                                                                      | GP-017539-00                                                                      | GP-012278-00                                                                      | GP-016968-00                                                                       |                                                                                     | GP-016970-00                                                                        |

| Part Name                | Option-Lengthwise<br>(세로 옵션 )                                                                           | Option-Halt Moon (반달 옵션)                                                            |                                                                                     | Option-Circle(원형 옵션)                                                                 |                                                                                      |                                                                                       | Option-Lengthwise<br>(세로 옵션 B)                                                                            |
|--------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| WORK CLAMP FOOT<br>(노루발) |                      |  |  |   |  |  |                      |
| Left(좌)                  | 22-123A-120L                                                                                            | 22-131A-120H                                                                        | 22-231A-120H                                                                        | 22-138A-120H                                                                         | 22-238A-120H                                                                         | 22-539A-120H<br>(Ass' y) (조)                                                          | GP-019550-00                                                                                              |
| Right(우)                 | 22-124A-120L                                                                                            | 22-132A-120H                                                                        | 22-232A-120H                                                                        | 22-139A-120H                                                                         | 22-239A-120H                                                                         |                                                                                       | GP-019549-00                                                                                              |
| FEED PLATE<br>(이송판)      | Without Knurling<br> |  |  |   |  |                                                                                       | Without Knurling<br> |
|                          | GP-016980-00                                                                                            | GP-016978-00                                                                        | GP-016979-00                                                                        | GP-016975-00                                                                         | GP-016976-00                                                                         |                                                                                       | GP-019551-01                                                                                              |
| FINGER GUARD<br>(핑거 가드)  |                      | —                                                                                   | —                                                                                   |  |                                                                                      |                                                                                       |                      |
|                          | 22-125A-120H                                                                                            | —                                                                                   | —                                                                                   | 22-125A-120H                                                                         |                                                                                      |                                                                                       | 22-125A-120H                                                                                              |

● SPS/E-BS(BR)1201M(BA)  
선택형/Option Type

|                      | Work Clamp Foot                                                                     | Feed Plate                                                                            |
|----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Standard             |    |    |
|                      | GP-023923-00                                                                        | GP-023325-00                                                                          |
| Option<br>Small Size |   |   |
|                      | GP-022563-00                                                                        | GP-023325-00                                                                          |
| Option<br>Largr Size |  |  |
|                      | GP-023921-00                                                                        | GP-024461-00                                                                          |