



PARTS BOOK

SPS/E-BH3100

모터직결형 전자 제어식 본봉
단추구멍 재봉기

Direct Drive Electronically
Controlled Lock Stitch Button
Hole Sewing M/C

PME-131125

Information

A. Parts Book 구성

Structure of Part Book

① **A** Arm, Bed & Machine Body Mechanism
팔, 침대 및 의장품 관계

②

③

Ref. No	Parts No	Note	Name of Parts	중량	Q'ty	Assembly No.
A-1	0P-01284J-03		Arm	오염	1	
A-2	0P-01007J-06		Bed	베드	1	
A-4	0P-00170D-00		Face Plate	면판	1	
A-5	01-0009A-10H		Face Plate Gasket	면판 가스켓	1	
A-6	01-0174A-4122		Screw(L104*mm02)	볼트	10	
A-7	01-1101H-123D		Rubber Cap For Face Plate	면판 고무캡	2	
A-8	01-0019A-120D		Caution Sticker	경고 스티커	1	
A-9	0P-00177J-00		Top-up Cover	덮개	1	
A-10	01-0020J-04*mm02		Screw(S104*mm02)	볼트(S104*mm02)	1	
A-11	0P-01794D-00		Bed Cover(L)	베드 커버(좌)	1	
A-12	01-0148L-100H		Bed Cover Gasket(L)	베드 커버 가스켓(좌)	1	
A-13	01-0264J-200D		Screw(L104*mm02)	볼트(L104*mm02)	14	
A-13-1	4S-024H-100D		Washer	와셔	2	
A-14	0P-01792D-00		Bed Cover(R)	베드 커버(우)	1	
A-15	01-0179R-100H		Bed Cover Gasket(R)	베드 커버 가스켓(우)	1	
A-16	440201J-100H		O1 Tank Rubber Cap	오일 탱크 고무캡	1	
A-17	01-027A-123D		Thread (L) with Three Poles	세극강 실링 나사	15set	
A-19	01-0230C-100D		Thread (L) (L)	면판 실링 나사	1	
A-20	01-0120C-123D		Screw(L) (L) (mm02)	볼트(L) (mm02)	3	
A-21	01-0100C-123D		Thread (L) (L)	면판 실링 나사	1	
A-22	01-0640J-00		Arm Thread (L) Ass'y	오염 실링 나사 홀트(좌)	1	
A-23	11-0170J-700D		Nut	너트	1	
A-24	01-0201L-100H		Thread (L) (L)	실링 나사(좌)	2	
A-25	010270J-100H		Sticon Tank Ass'y	실리콘 탱크 홀트(좌)	15set	
A-26	010206J-100H		Sticon Tank	실리콘 탱크	1	
A-27	010206J-100H		Sticon Oil Window	실리콘 하임	1	
A-28	010240J-100H		Sticon Pad	실리콘 고무 패드 홀트	1	
A-29	0P-0130J-00		Mat for Sticon Oil Supply	실리콘 공급 매트 홀트	1	
A-30	01-0164-700D		Screw(L104*mm02)	볼트(L)	1	
A-31	04-024H-123D		Arm Upper Part Rubber Cap	오염 실링 고무 캡	2	
A-33	04-020H-100H		Needle Ear Rubber Cap	바늘 고무 캡	1	
A-34	01-0420H-642L		Rubber Cap(L)	고무캡(좌)	4	
A-35	44-021H-740D		Rubber Cap(R)	고무캡(우)	7	
A-36	01-0179R-100H		Bed Rubber	베드 고무	1	
A-37	0P-01291T-00		Model (Sticker) (M)	모델 스티커(M-부품용)	1	
A-38	0P-01291J-00		M Model (Sticker) (M)	모델 스티커(M-인물용)	1	
A-39	0P-01292J-00		L Model (Sticker) (L)	모델 스티커(L-인물용)	1	
A-40	0P-01292J-00		K Model (Sticker) (K)	모델 스티커(K-인물용)	1	
A-41	01-0111C-123D		Top Cover	면판 홀트(좌)	2	
A-42	01-0111C-100H		Top Cover	면판 홀트	1	
A-43	41-101A-100H		Bobbin Winder Assy	실링 나사 홀트	15set	
A-44	410201J-100H		Bobbin Winder (L) Ass'y	실링 나사 홀트(좌)	1	
A-45	41-020A-100H		Bobbin Winder (R) Ass'y	실링 나사 홀트(우)	1	
A-46	0P-0209J-00		S. Cap (Sticker) (L)	인물 홀트 스티커	1	
A-47	01-0102J-100H		Screw(L)	볼트(L)	1	
A-48	410200J-100H		Bobbin Winder	실링 나사 홀트	1	
A-49	01-0104-552T		Screw(L104*mm02)	볼트(L)	2	
A-50	410200J-100H		Bobbin Winder Action Ring	실링 나사 홀트	1	
A-51	410200J-100H		Bobbin Winder (R) Rubber Ring	실링 나사 홀트 고무링	1	
A-52	410201J-100H		Bobbin Winder (L)	실링 나사 홀트	1	
A-53	410211J-100H		Bobbin Winder Adjusting Plate	실링 나사 고정판	1	
A-54	01-0101C-123D		Screw(L104*mm02)	볼트(L)	1	
A-55	01-0119H-200D		Washer	와셔	1	
A-56	410211J-100H		Bobbin Winder (L) Ass'y	실링 나사 홀트	1	
A-57	410214J-100H		Bobbin Winder Adjusting Gern	실링 나사 고정판	1	
A-58	010215J-04113		Screw(L104*mm02)	볼트(L)	1	

Note) P= Heavy Material(중량재), M=Medium Material(중량재), MA= Pneumatic Heavy Material(공압식 중량재)
L= Light Material(저중량재), K=Kitt Material(키트용), EL=Large Shabbie Piece(대 사이즈 홀트)

①:관계 별 고유 코드

Unique code by mechanism

②:관계 별 고유 명칭

Unique name by mechanism

③:관계도

Explode view

④Ref.No.:파트별 고유 식별 번호

Unique identification number by part

⑤Parts No.:고유 제품 코드

Unique Product code

Ex)

구분 Category	Code	비고 remarks
구 부품 Old part	01-030C-123D	
신 부품 New Part	AS-000000-00	조(組) 파트 Set parts
	GP-000000-00	기구적 파트 Instrumental parts
	EP-000000-00	전기적 파트 Electrical parts

⑥Note:공지사항 표기 및 메모

Refers to notice and memo

⑦품

명:파트의 고유 품명

Name of Part:Unique name of parts

⑧Q'ty :파트의 수량

The number of parts

⑨Assembly no.:조(組) 파트의 식별 번호

Unique identification number by set part

Warning

1. 조에 속한 파트는 개별 조립 시 제품의 파손 또는 재봉 불량 발생될 수 있어 해당 파트에 대한 주문 시에는 조 품목으로만 구입이 가능합니다.
2. 본 책자는 Parts Book으로 제작되었으므로 매뉴얼로 사용 불가합니다.
3. 사전 예고 없이 사양이 변경 될 수도 있습니다.

1. The parts classified as ass'y items may cause damage to the machine or bad sewing when they are separately assembled. Hence, when they are ordered, they can be purchased as ass'y items only.
2. This is a parts book. It cannot be used as a manual.
3. Parts are Subject to change in Design Without Prior Notice.

Note

- 썬스타 제품의 부품은 아래 인터넷주소로 접속하시어 신청할 수 있습니다.
<http://www.sunstarcs.com>
- 가입된 회원께서는 썬스타 포탈 사이트에 로그인후 필요한 부품을 신청할 수 있습니다.
- 부품관리-발주관리-발주등록 항목에서 부품번호와 신청수량을 입력하여 등록하시면 발주가 됩니다.
- 부품번호를 모르시는 경우 파츠북 조회를 클릭하시고 사용하는 기종을 검색하여 선택하시면 해당 기종의 파츠북을 조회할 수 있습니다.
- 파츠북은 관계별로 구분되어 있으며 관계를 알고 있다면 부품 찾기가 용이합니다.
- You can make an order for the parts of Sunstar machine to connect internet address.
<http://www.sunstarcs.com>
- You can request for parts you want after login if you are a registered member.
- In parts Management - Order Management - Order Registration entry, you can place an order by entering the part number and quantity.
- If you don't know the parts number, click the parts book menu bar.
In a download list, you can read parts book by searching model you use.
- This parts book is classified by the mechanism, therefore you can find part easily.

Button Holing M/C Model
단추구멍 재봉기 모델구분

MACHINE MODEL (SPS/E-BH3100 SERIES)

SPS/E-BH3100 - □

Sunstar Pattern System
썬스타 패턴 시스템

Series
시리즈

Button Holing Type 용도구분
G : General Materials 일반용
K : Knitted Materials 니트용

Button Holing S/M Model Name
단추 구멍 재봉기 명

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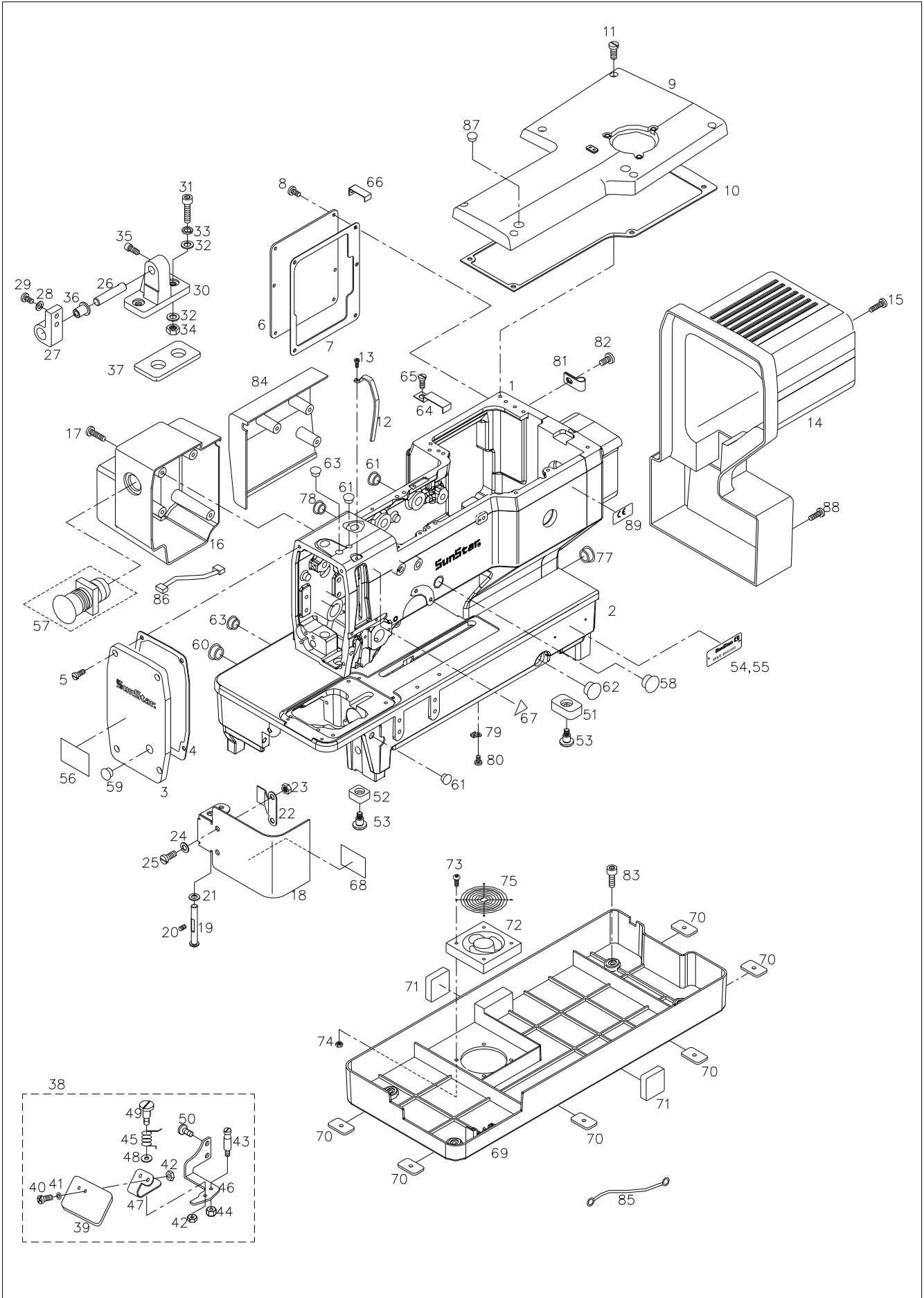
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A

Machine Body Mechanism

외장 관계

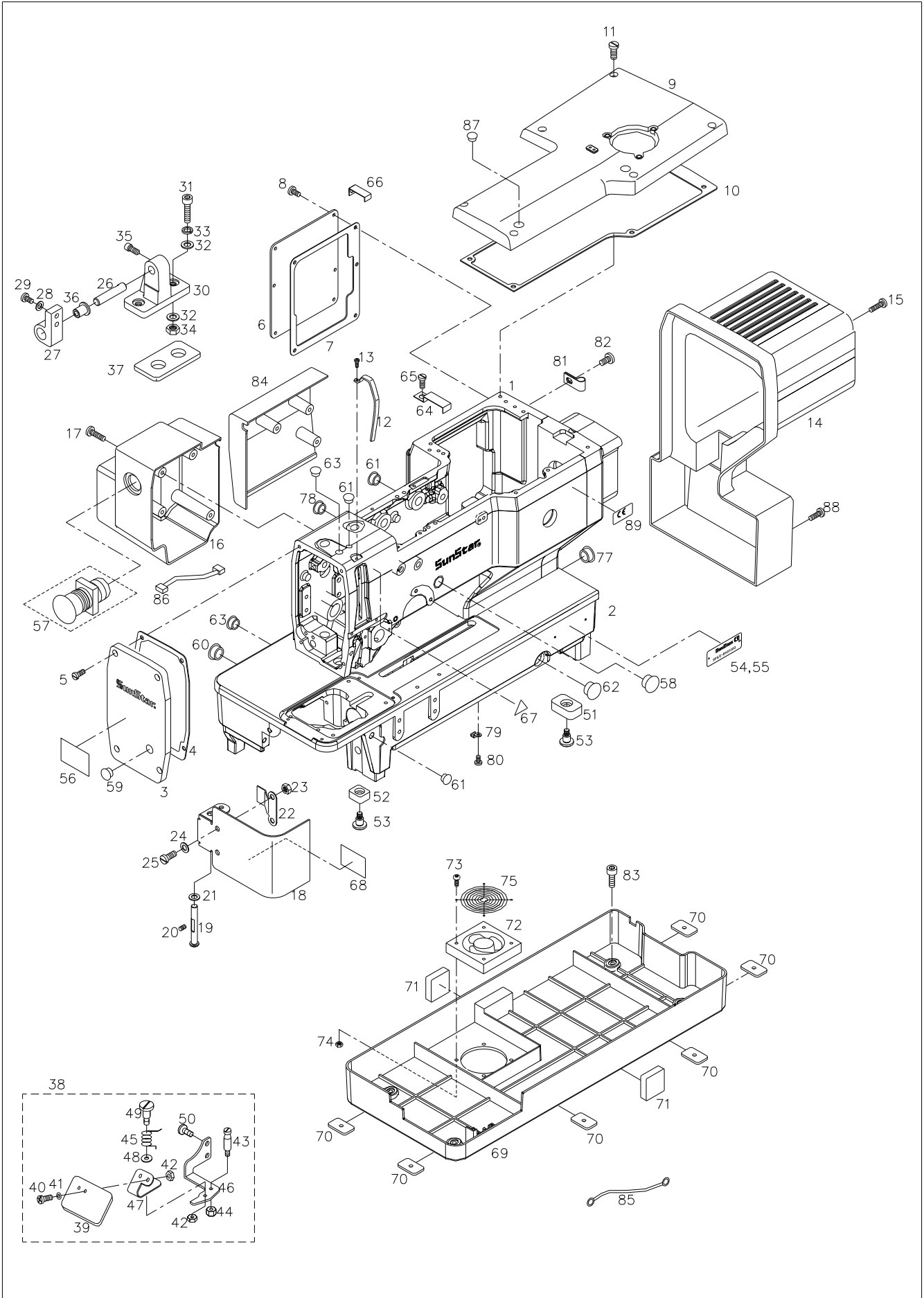


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
A-1	CAB-AA002501		Arm	암	1	
A-2	CAB-AB002000		Bed	베드	1	
A-3	CMB-LA008901		Face Plate	면판	1	
A-4	CMB-FC001400		Face Plate Gasket	면판 가스켓	1	
A-5	DSC-BF003100		Screw (11/64", n=40)	면판 집나사	4	
A-6	CMB-LA003000		Rear Cover	후면 커버	1	
A-7	CMB-FC001500		Rear Cover Gasket	후면 커버 가스켓	1	
A-8	DSC-BF003100		Screw (11/64", n=40)	후면커버 집나사	6	
A-9	CMB-LA008800		Top Cover	윗뚜껑	1	
A-10	CMB-FC003100		Top Cover Gasket	윗뚜껑 가스켓	1	
A-11	DSC-BF003100		Screw (11/64", n=40)	윗뚜껑 집나사	6	
A-12	CMB-LA000800		Thread Take Up Lever Cover	실채기 커버	1	
A-13	DSC-BJ000300		Screw (9/64", n=40)	실채기 커버 집나사	1	
A-14	CMB-LA009000		Motor Cover	모터 커버	1	
A-15	DSC-BF001200		Screw (11/64", n=40)	모터 커버 집나사	2	
A-16	CMB-LA009100		Cover for Emergency Stop Switch	비상 스위치 커버	1	
A-17	DSC-BF003100		Screw (11/64", n=40)	비상 스위치 커버 집나사	5	
A-18	CMB-LA002800		Hook Cover	훅커버	1	
A-19	DPN-AD005300		Hook Cover Shaft	훅커버 축	1	
A-20	DSC-CB000500		Screw (15/64", n=28)	훅커버 축 집나사	1	
A-21	DWS-AA000500		Washer	훅커버 축 와셔	1	
A-22	DSP-AD000300		Hook Cover Spring Plate	훅커버 스프링 판	1	
A-23	DSN-AA000900		Nut (11/64", n=40)	훅커버 스프링 판 너트	2	
A-24	DWS-AA005800		Washer	훅커버 스프링 판 와셔	2	
A-25	DSC-BJ000200		Screw (11/64", n=40)	훅커버 스프링 판 집나사	2	
A-26	DPN-AA006701		Bed Hinge Shaft	베드 힌지 축	2	
A-27	CST-BB001200		Bed Hinge Plate	베드 힌지 받침	2	
A-28	DWS-AA001500		Washer	베드 힌지 받침 와셔	4	
A-29	PSC-AC002000		Screw (M6×P1.0)	베드 힌지 받침 고정나사	4	
A-30	CST-BB001100		Bed Hinge Bracket	베드 힌지 브라켓	2	
A-31	PSC-AC001600		Bolt (M10×L70)	베드 힌지 브라켓 고정 볼트	4	
A-32	DWS-AA002000		Washer	베드 힌지 브라켓 와셔	8	
A-33	PWS-CA000300		Spring Washer	베드 힌지 브라켓 스프링 와셔	4	
A-34	PSN-AA000300		Nut (M10×P1.5)	베드 힌지 브라켓 고정 너트	4	
A-35	PSC-BJ000200		Screw (M6×P1.0)	베드 힌지 축 집나사	2	
A-36	CST-FF000300		Hinge Rubber	힌지고무	2	
A-37	CST-FD000700		Rubber	베드 힌지 브라켓 받침 고무	2	
A-38	AS-015073-00		Safety Plate Ass'y	안전판(조)	1Set	
A-39	CMB-BJ000900		Safety Plate	안전판	1	
A-40	DSC-BJ000200		Screw (11/64", n=40)	안전판 집나사	2	
A-41	DWS-AA000500		Washer	와셔	2	
A-42	DSN-AA000900		Nut (11/64", n=40)	너트	1	
A-43	DSC-HD000100		Safety Plate Spring Hook	안전판 스프링 걸이	1	
A-44	DSN-AA000800		Nut(3/16", n=28)	너트	1	
A-45	DSP-AC000100		Safety Plate Spring	안전판 스프링	1	
A-46	CMB-BB002200		Safety Plate Bracket	안전판 브라켓	1	
A-47	CMB-BG000100		Safety Plate Holder	안전판 홀더	1	
A-48	DWS-AA000400		Washer	안전판 홀더 와셔	1	
A-49	DSC-FA000100		Safety Plate Screw (11/64", n=40)	안전판 단나사	1	
A-50	DSC-BJ000200		Screw (11/64", n=40)	안전판(조) 집나사	2	
A-51	CST-FD001400		Bed Support Rubber	베드 받침 고무	1	
A-52	CMB-FD001000		Bed Support Rubber_A	베드 받침 고무_A	1	
A-53	DSC-FA003000		Bed Support Rubber Screw (11/64", n=40)	베드 받침 고무 단나사	2	
A-54	GP-032971-00		Model Sticker (General)	모델 스티커 (일반용)	1	
A-55	GP-036177-00		Model Sticker (knit)	모델 스티커 (니트용)	1	
A-56	CMB-LD000200		Caution Sticker	경고 스티커	1	
A-57	EP-000191-00		Pause Switch (Set)	비상 스위치(조)	1Set	

A

Machine Body Mechanism

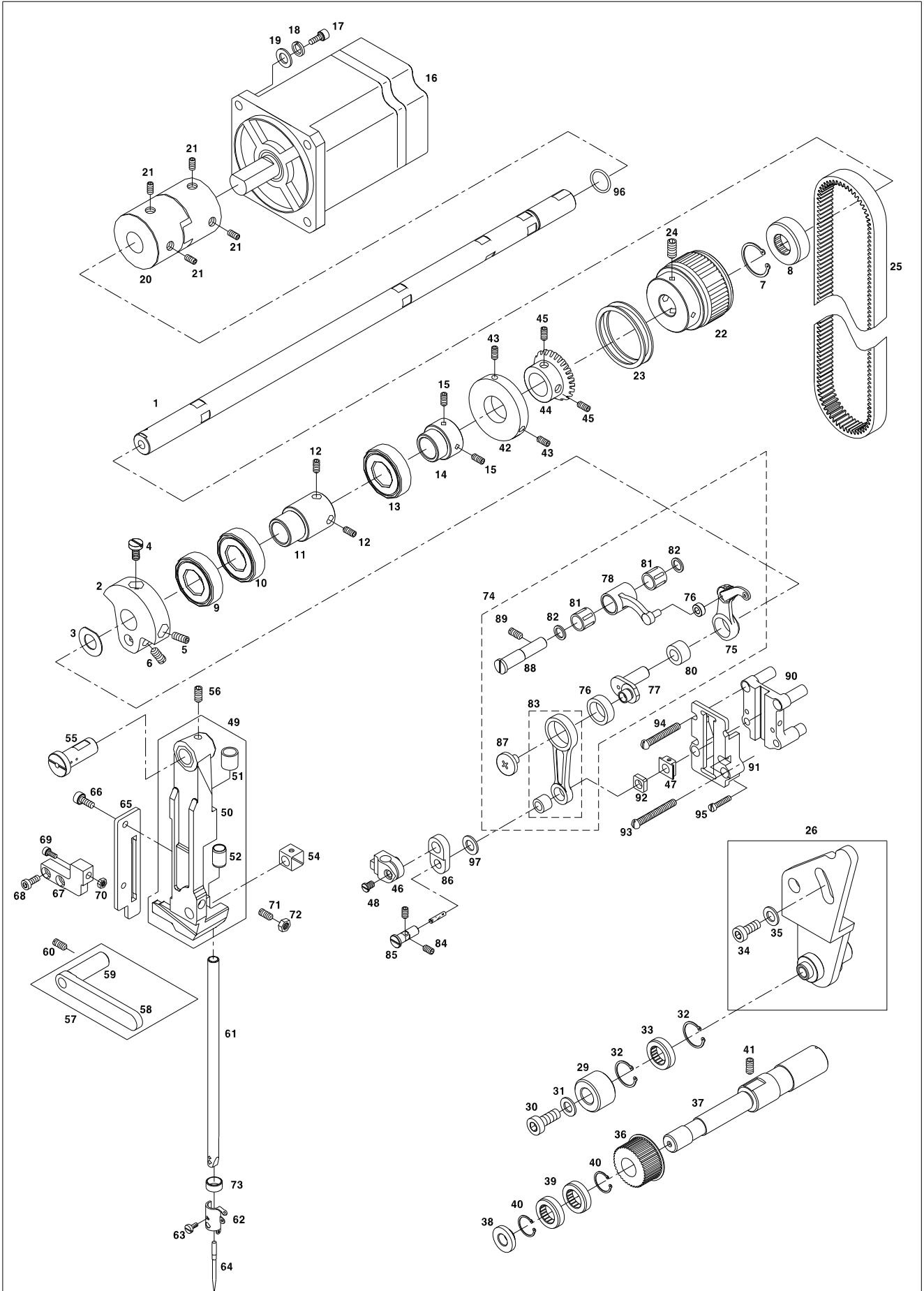
외장 관계



B

Upper Shaft Mechanism

상축 관계



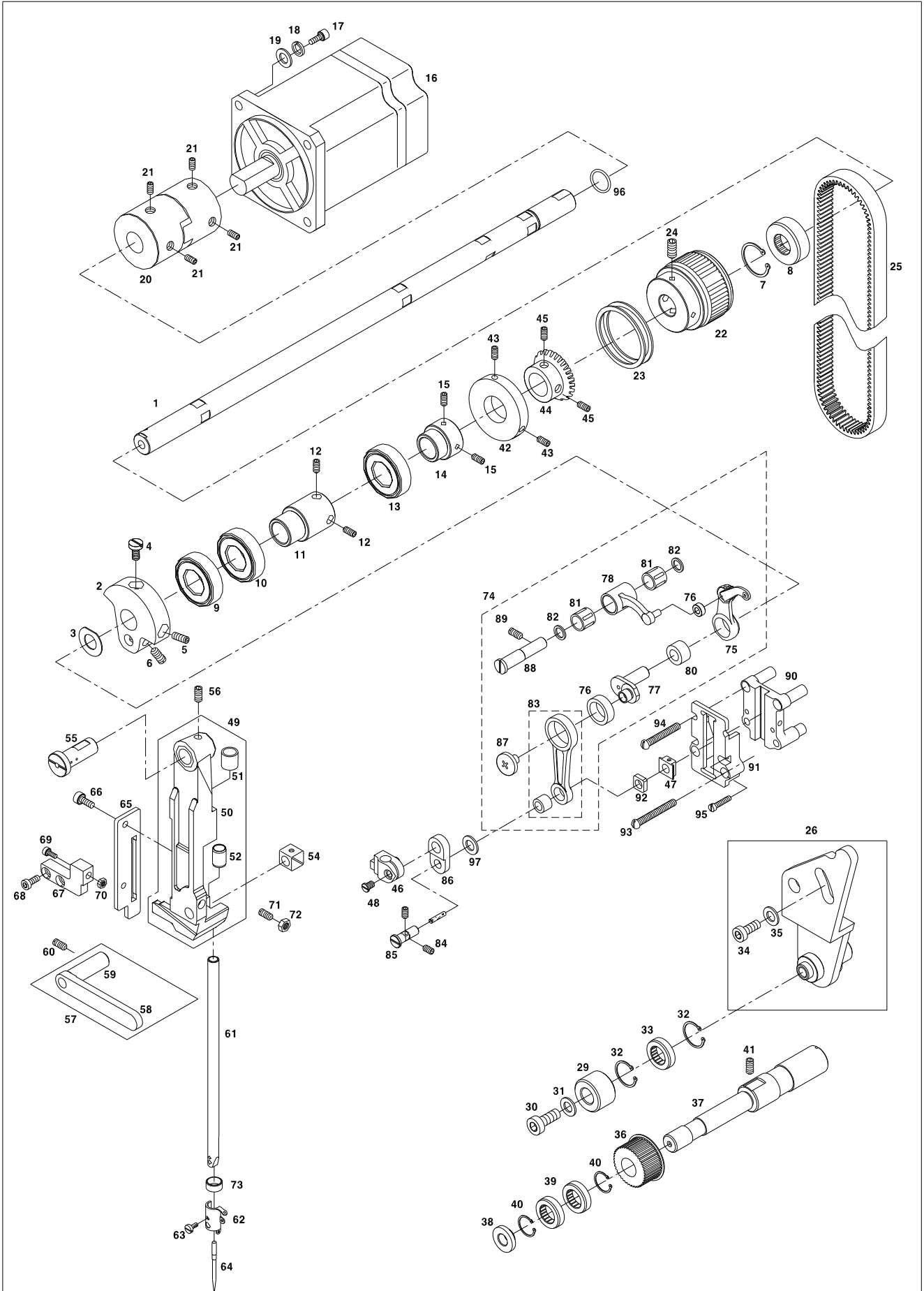


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
B-1	CUS-KC000900		Upper Shaft	상축	1	
B-2	CUS-DA001100		Link Cam	링크 캠	1	
B-3	DWS-AA003000		Washer	링크 캠 와셔	1	
B-4	DSC-BJ000100		Screw (9/32", n=28)	링크 캠 첩나사	1	
B-5	DSC-BJ000600		Screw A (15/64", n=28)	링크 캠 첩나사 A	1	
B-6	DSC-CB000400		Screw B (1/4", n=40)	링크 캠 첩나사 B	2	
B-7	PSR-AA000100		Upper Shaft C-Ring	상축 C-링	1	
B-8	PBR-AA000100		Upper Shaft Bearing(R) (6302ZZNR)	상축 후 베어링 (6302ZZNR)	1	
B-9	PBR-AA005800		Upper Shaft Bearing (FF) (6804ZZNR)	상축 전 베어링	1	
B-10	PBR-AA005900		Upper Shaft Bearing (F) (6804ZZ)	상축 전 베어링	1	
B-11	DCL-AB001500		Upper Shaft Collar(F)	상축 전카라	1	
B-12	DSC-CB000400		Screw (1/4", n=40)	상축 전카라 첩나사	2	
B-13	PBR-AA006000		Upper Shaft Bearing (M) (6904ZZNR)	상축 중 베어링	1	
B-14	DCL-AB001600		Upper Shaft Collar(M)	상축 중카라	1	
B-15	DSC-CB000400		Screw (1/4", n=40)	상축 중카라 첩나사	2	
B-16	SFAM-550-001		Main Shaft Motor(550W)	주축 모터(550W)	1	
B-17	PSC-AC000100		Screw (M5×P0.8)	주축 모터 첩나사	4	
B-18	DWS-CA000100		Spring Washer	주축 모터 스프링 와셔	4	
B-19	DWS-AA000600		Washer	주축 모터 평와셔	4	
B-20	DCR-AD000100		Upper Shaft Coupling	상축 커플링	1	
B-21	PSC-CB000100		Screw (M6×L8)	상축 커플링 첩나사 (M6×L8)	8	
B-22	DPL-BD002100		Upper Shaft Timming Pulley	상축 타이밍 풀리	1	
B-23	DSR-AK000100		Upper Shaft Timming Pulley Fixing Ring	상축 타이밍 풀리 고정링	2	
B-24	DSC-CB000400		Screw (1/4", n=40)	상축 타이밍 풀리 고정나사	2	
B-25	PBT-BD001500		Upper Shaft Belt (765-3GT-20)	상축 타이밍 벨트 (765-3GT-20)	1	
B-26	CUS-BB000900		Idler Base Ass'y	아이들러 베이스(조)	1Set	
B-29	CUS-CG000400		Idler	아이들러	1	
B-30	DSC-AA000700		Screw (1/4", n=28)	아이들러 축 첩나사	1	
B-31	DWS-AA002900		Washer	아이들러 축 첩나사 와셔	1	
B-32	PSR-AB000300		Idler C-Ring (φ30)	아이들러 C-링 (호칭경30)	2	
B-33	PBR-AA006100		Idler Bearing (6200ZZ)	아이들러 베어링(6200ZZ)	2	
B-34	PSC-AC001200		Screw (M6×P1.0)	아이들러 베이스 첩나사	2	
B-35	DWS-AA001500		Washer	아이들러 베이스 첩나사 와셔	2	
B-36	DPL-BD002200		Idler Timming Pulley	아이들러 타이밍 풀리	1	
B-37	CUS-KF000500		Idler Timming Pulley Shaft	아이들러 타이밍 풀리 축	1	
B-38	DCL-BB001400		Idler Timming Pulley Shaft Washer	아이들러 타이밍 풀리 축 와셔	1	
B-39	PBR-AA001700		Idler Pulley Bearing	아이들러 풀리 베어링	2	
B-40	PSR-AB000400		Idler Pulley C-Ring (φ20)	아이들러 풀리 C-링 (호칭경22)	2	
B-41	DSC-CB000500		Screw (15/64", n=28)	아이들러 풀리 축 첩나사	2	
B-42	CUS-CF000200		Bobbin Winder Driving Wheel	실감기 구동 휠	1	
B-43	DSC-BJ000200		Screw (11/64", n=40)	실감기 구동 휠 첩나사	2	
B-44	DGR-AC000800		Hand Pulley Driving Gear	핸드 풀리 구동 기어	1	
B-45	DSC-CB000400		Screw (1/4", n=40)	고정나사	4	
B-46	CNB-BF001001		Needle Bar Holder	바늘대 잡이	1	
B-47	CNB-CD000500		Needle Bar Holder Slide Block	바늘대 잡이 슬라이드 블록	1	
B-48	DSC-BA001000		Screw (11/64", n=40)	바늘대 잡이 첩나사	1	
B-49	ANB-PS000400		Needle Bar Frame Ass'y	바늘대 후레임(조)	1Set	
B-50	CNB-BC000101		Needle Bar Frame	바늘대 후레임	1	Feb.15.11
B-51	DBS-DA006201		Needle Bar Frame Bushing	바늘대 후레임 붓싱	1	
B-52	DBS-DA010700		Needle Bar Frame Bushing(D)	바늘대 후레임 붓싱(하)	1	
B-54	CNB-BK000500		Needle Bar ZigZag Guide Block	바늘대 지그재그 안내 블록	1	
B-55	DPN-AD003800		Needle Bar Frame Shaft	바늘대 후레임 축	1	
B-56	DSC-CB000900		Screw (15/64", n=28)	바늘대 후레임 축 첩나사	1	
B-57	AZG-PS000300		Needle Bar Frame Guide (Set)	바늘대 후레임 가이드 (조)	1Set	
B-58	CZG-BJ000400		Needle Bar Frame Guide	바늘대 후레임 가이드	1	
B-59	CZG-KF000100		Guide Shaft	가이드 축	1	
B-60	DSC-CB000900		Screw (15/64", n=28)	바늘대 후레임 가이드 첩나사	1	

B

Upper Shaft Mechanism

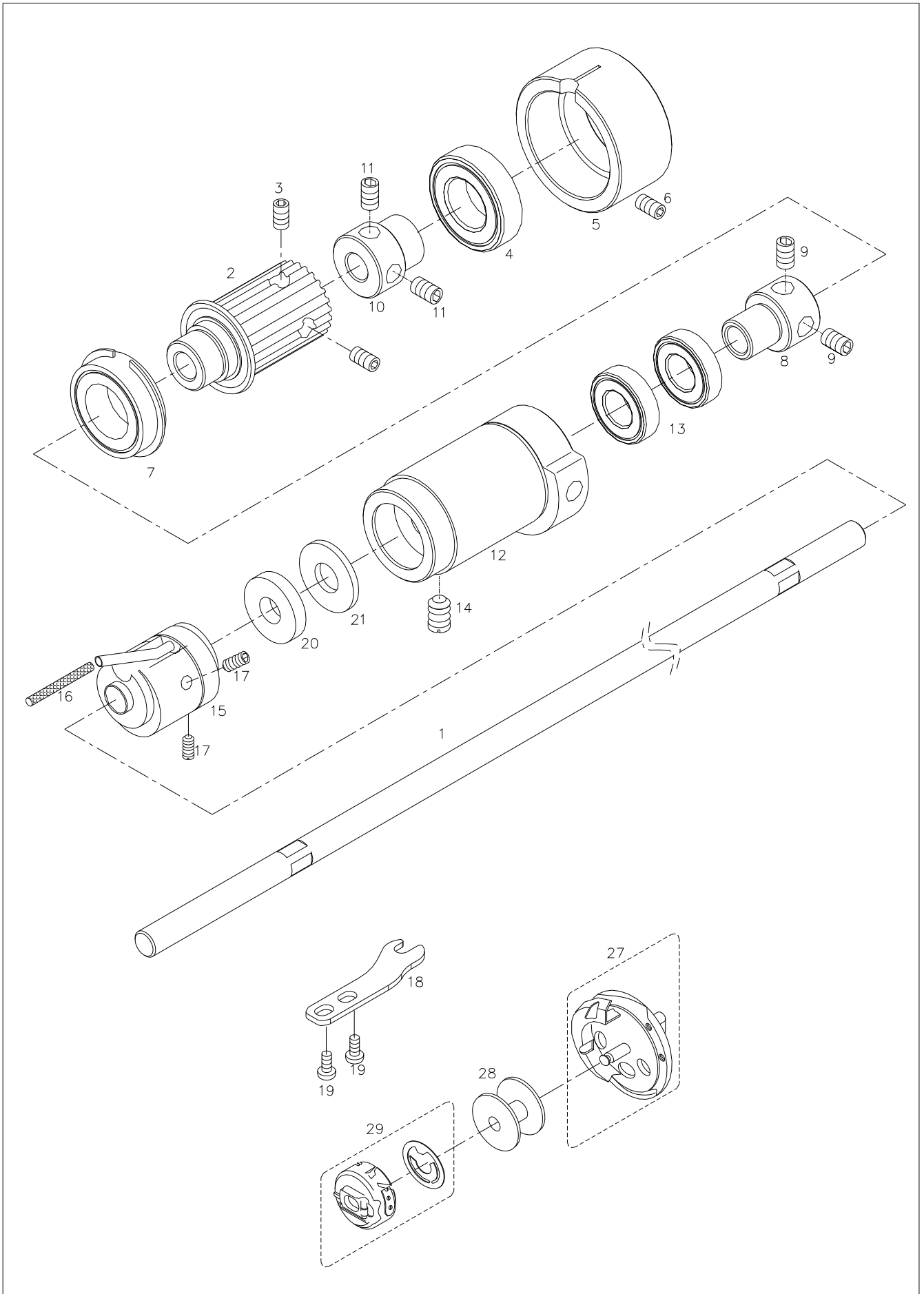
상축 관계



C

Lower Shaft Mechanism

하축 관계



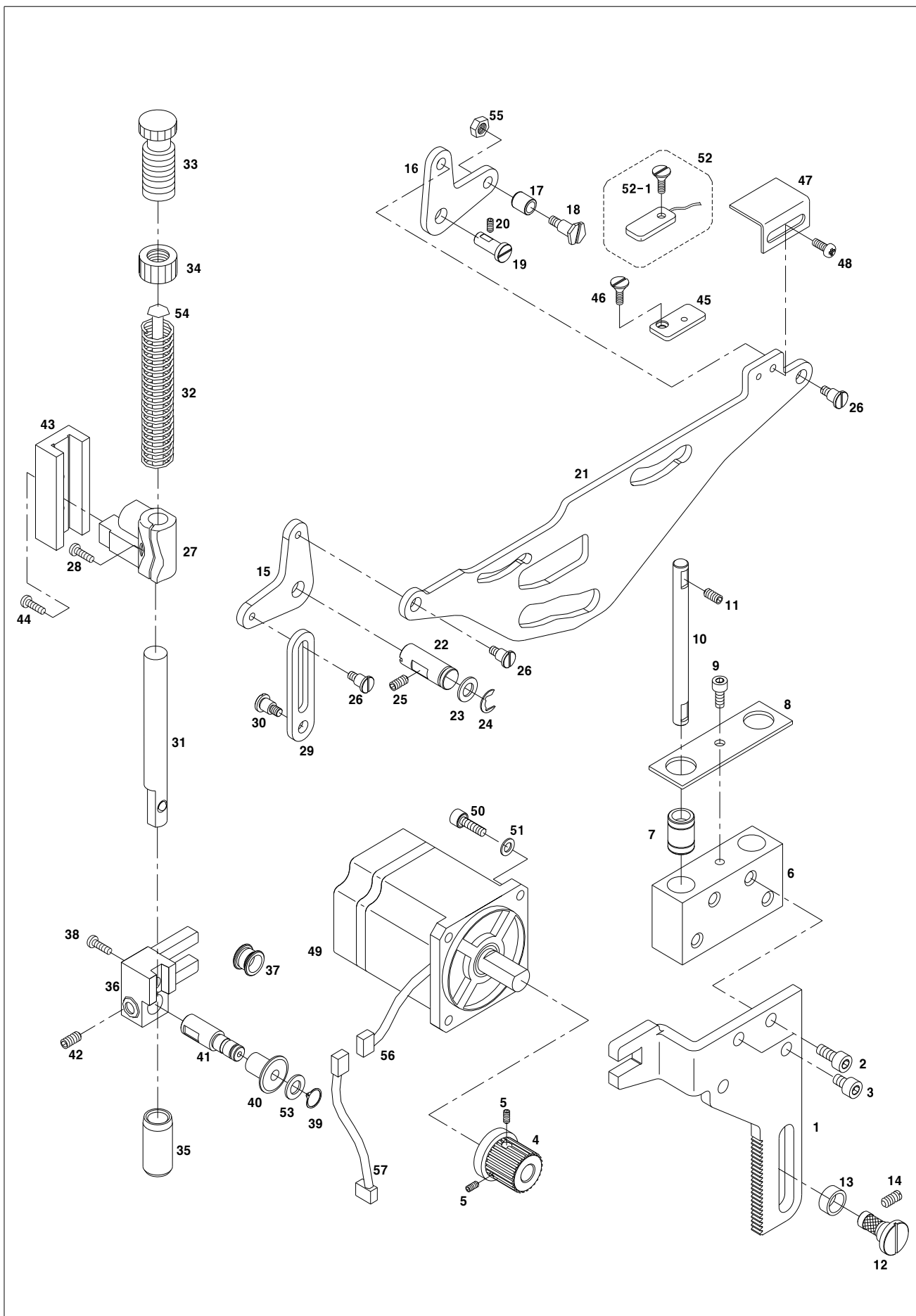


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
D-1	DGR-AF001000		Presser Driving Arm	누름대 구동암	1	
D-2	PSC-AC001200		Fixing Bolt (M6×P1.0) A	누름대 구동암 고정볼트 A	2	
D-3	PSC-BJ000200		Fixing Bolt (M6×P1.0) B	누름대 구동암 고정볼트 B	2	
D-4	DGR-AA002000		Presser Drive Gear	누름대 구동기어	1	
D-5	DSC-CB000500		Screw (11/64", n=40)	누름대 구동기어 고정나사	2	
D-6	CPM-BK000100		Guide Bracket	가이드 브라켓	1	
D-7	PBR-FA000600		Presser Bar Guide Bracket Bearing	누름대 가이드 브라켓 베어링	2	
D-8	CPM-BJ000800		Bearing Holder	베어링 홀더	1	
D-9	PSC-AC001500		Screw (M4×P0.7)	베어링 홀더 고정나사	1	
D-10	CPM-KC000401		Guide Shaft	가이드 축	2	Sep.14.10
D-11	DSC-CB000300		Screw (11/64", n=40)	가이드 축 찰나사	4	
D-12	DPN-BC002300		Presser Driving Arm Support Shaft	누름대 구동암 지지축	1	
D-13	CPM-CL000700		Roller for Presser Driving Arm Support Shaft	누름대 구동암 지지축 롤러	1	
D-14	DSC-CB000500		Screw (15/64", n=28)	누름대 구동암 지지축 찰나사	1	
D-15	CPM-CM001000		Lifter Lever	올림 레버	1	
D-16	CPM-CM001200		Lifter Lever_A	올림 레버_A	1	
D-17	DBS-DA011000		Lifter Lever_A Roller	올림레버_A 롤러	1	
D-18	DSC-FB001300		Stud for Lifter Lever_A	올림레버_A 단나사	1	
D-19	DPN-AD004300		Lifter Lever A Shaft	올림 레버 A 축	1	
D-20	DSC-CB000500		Screw (15/64", n=28)	올림 레버 A 축 찰나사	1	
D-21	CPM-DF000201		Upper Thread Trimmer Driving Link	상사절 운동 링크	1	Oct.10.11
D-22	DPN-AA004300		Lifter Lever Shaft	올림 레버 축	2	
D-23	DWS-AA002900		Washer	올림 레버 축 와셔	1	
D-24	PSR-AC000500		E-Ring	올림 레버 축 E-링	1	
D-25	DSC-CB000500		Screw (15/64", n=28)	올림 레버 축 찰나사	1	
D-26	PSC-FA000100		Stud for Lifter Lever Shaft (3/16", n=32)	올림 레버 단나사	3	
D-27	CPB-BF000501		Presser Bar Holder	누름대 잡이	1	
D-28	DSC-BJ000600		Screw (15/64", n=28)	누름대 잡이 찰나사	1	
D-29	CPM-CA000600		Presser Bar Lifter Link	누름대 올림 링크	1	
D-30	DSC-FA005800		Lifter Link Fixing Screw (3/16", n=32)	올림 링크 고정 단나사	1	
D-31	CPB-KB000100		Presser Bar	누름대	1	
D-32	DSP-AA002900		Presser Spring	압력 조절 스프링	1	
D-33	DSC-HA000100		Adjust Screw for Presser Foot (9/16", n=20)	노루발 압력 조절 나사	1	
D-34	DSN-CC000100		Adjust Nut for Presser Bar (9/16", n=20)	노루발 압력 조절 나사 너트	1	
D-35	DBS-DA007900		Presser Bar Bushing	누름대 붓싱	1	
D-36	CPB-BB000301		Presser Rollar Bracket	누름대 롤러 브라켓	1	
D-37	CPB-CL000300		Presser Bracket Rollar	누름대 브라켓 롤러	1	
D-38	DSC-BA001800		Screw (9/64", n=40)	누름대 고정나사	1	
D-39	PSR-AG000100		G-Ring	그립링	1	
D-40	CPB-CL000200		Presser Bar Rollar	누름대 롤러	1	
D-41	CPB-KF000300		Presser Bar Rollar Shaft	누름대 롤러 축	1	
D-42	DSC-CB000500		Screw (15/64", n=28)	누름대 롤러 축 찰나사	1	
D-43	CPB-BK000100		Presser Bar Guide	누름대 안내	1	
D-44	DSC-BJ000200		Screw (11/64", n=40)	누름대 안내 고정나사	2	
D-45	GP-031714-00		Presser Bar Sensor Support	누름대 센서 받침	1	
D-46	DSC-BB002900		Screw (9/64", n=40)	누름대 센서 받침 고정나사	2	
D-47	CPM-BJ000700		Presser Bar Sensor Plate	누름대 센서판	1	
D-48	DSC-BA000900		Screw (9/64", n=40)	누름대 센서판 고정나사	1	
D-49	PMT-BH000100		Presser Bar Driving Motor	누름대 구동 모터	1	
D-50	PSC-AC000800		Screw (M4×P0.7)	누름대 구동 모터 찰나사	4	
D-51	DWS-AA001100		Washer	와셔	4	
D-52	EP-000289-00		Presser Bar Sensor Ass'y	누름대 센서 (조)	1Set	
D-52-1	PSC-BD000700		Screw(M3×P0.5 L=8)	센서 찰나사	1	
D-53	DWS-AA006300		Washer	누름대 눌러축 와셔	1	
D-54	CPB-KC000100		Pressure Adjusting Bar	압력 조절봉	1	
D-55	DSN-AA000400		Nut (15/64", n=28)	올림레버A 단나사 너트	1	
D-56	CA-003412-00		Cable	P-모터 케이블	1	

D

Presser Bar Mechanism

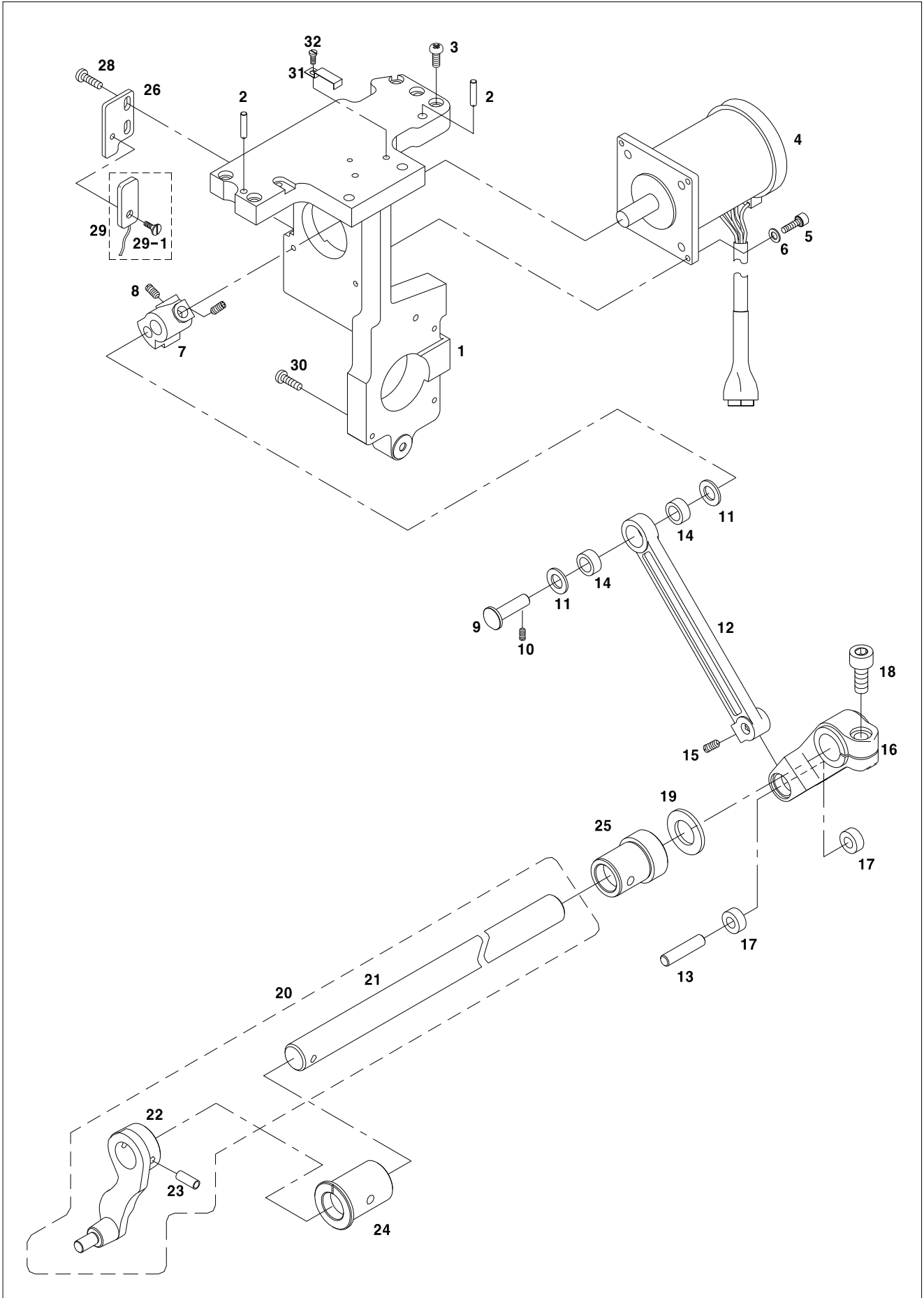
누름대 관계



E

Needle Bar Rocking Mechanism

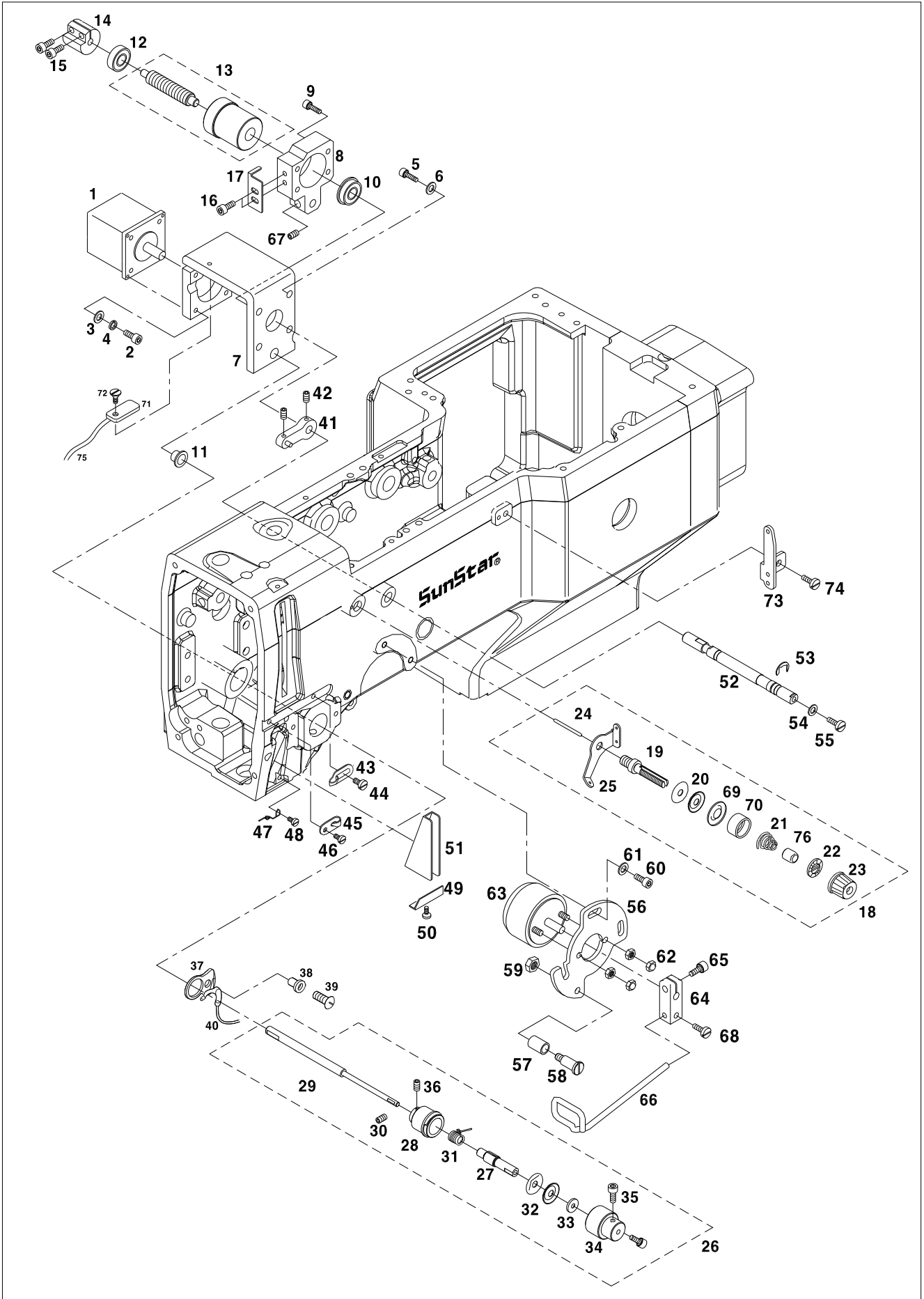
바늘대 요동 관계



F

Thread Release & Lowering Mechanism

실조절 장치 관계



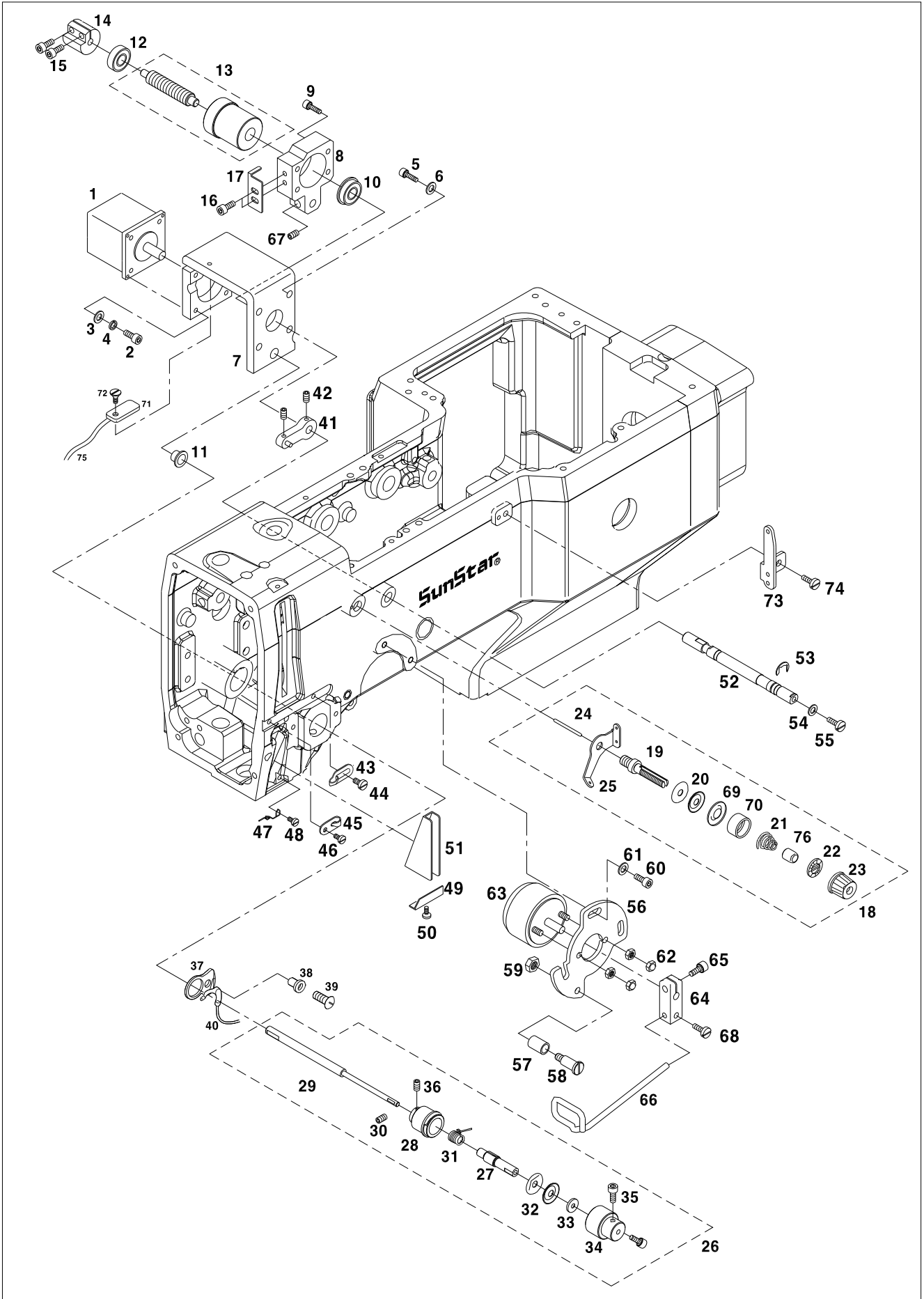


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
F-1	MO-000043-00		Motor for Adjusting Thread Tension	실조절장치 모터(조)	1Set	
F-2	PSC-AC007300		Screw (M3×P0.5, L15)	실조절장치 모터 칩나사	4	
F-3	PWS-AA001900		Washer	칩나사 평와셔	4	
F-4	PWS-CA000100		Spring Washer	칩나사 스프링 와셔	4	
F-5	PSC-AC000900		Screw (M3×P0.5, L15)	실장력 조절 모터 베이스 칩나사	4	
F-6	DWS-AA000600		Washer	칩나사 와셔	4	
F-7	CTA-BA000700		Base for Thread Tension Adjusting Motor	실장력 조절 모터 베이스	1	
F-8	CTA-BK000100		Guide Block for Thread Tension Adjusting	실장력 조절장치 가이드 블록	1	
F-9	PSC-AC000800		Screw (M4×P0.7, L12)	실장력 조절 너트 칩나사	4	
F-10	PBR-AA007300		Bearing(F606ZZ)	베어링	1	
F-11	PBS-BB000100		DU Bush(F0606)	DU 부쉬	1	
F-12	PBR-AC000300		Thrust Bearing (W-B-015-C6)	스러스트 베어링	1	
F-13	ATA-PS002300		Screw Shaft for Thread Tension Adjusting	실조절장치 스크류 축	1	
F-14	DCR-AH000201		Coupling for Motor Shaft	모터 축 커플링	1	Nov.07.12
F-15	PSC-AC000800		Screw (M4×P0.7, L12)	모터 축 커플링 칩나사	2	
F-16	DSC-BA000900		Screw (9/64", n=40)	실장력 조절장치 센서판 칩나사	2	
F-17	CTA-BJ001800		Detecting Plate for Thread Tension Adjusting Sensor	실장력 조절장치 센서판	1	
F-18	ATA-PS002101		Sub Thread Tension Adjusting Ass'y	보조실조절 장치 (조)	1Set	
F-19	CTA-HM000800		Sub Thread Tension Adjusting Shaft	보조실조절 장치 축	1	
F-20	CTA-HL000101		Thread Guide Disk	실안내 접시	2	Dec.29.09
F-21	DSP-BA001400		Sub Thread Tension Adjusting Spring	보조 실조절 장치 스프링	1	
F-22	CTA-BJ000100		Stopper for Sub Thread Tension Adjusting Spring	보조 실조절 장치 스프링 스토퍼	1	
F-23	DSN-CD000100		Nut	보조 실조절 장치 너트	1	
F-24	DPN-AA007300		Thread Release Pin	보조 실조절 장치 핀	1	
F-25	CTA-HK000700		Guide Plate	보조 실조절 장치 안내판	1	
F-26	ATA-PS002201		Main Thread Tension Adjusting Ass'y	주 실조절장치(조)	1Set	
F-27	CTA-HM001500		Main Shaft for Adjusting Thread Tension	주 실조절 장치 축	1	
F-28	CTA-BA000600		Thread Tension Adjusting Body	주 실조절 장치 몸체	1	
F-29	CTA-KF000101		Thread Tension Adjusting Shaft	실조절 장치 축	1	
F-30	DSC-CA000200		Screw (9/64", n=40)	주 실조절 장치 축 칩나사	2	
F-31	DSP-BB000400		Thread Take-up Lever Spring	실채기 스프링	1	
F-32	CTA-HL000101		Thread Guide Disk	실안내 접시	2	Dec.29.09
F-33	CTA-BJ001700		Thread Guide Disk Presser Plate	실안내 접시 누름판	1	
F-34	CTA-BF000100		Holder for Adjusting Thread Tension	주 실조절 장치 홀더	1	
F-35	DSC-AC001300		Screw (M4×P0.7×L8)	주 실조절 장치 홀더 칩나사	2	
F-36	DSC-CB000500		Screw (15/64", n=28)	주 실조절 장치 (조) 칩나사	1	
F-37	CTA-BJ000400		Thread Detecting Plate Guide	실 감지판 안내	1	
F-38	CTA-BN000100		Thread Detecting Plate Ring	실 감지판 링	1	
F-39	DSC-BG000100		Screw (9/64", n=40)	실 감지판 링 칩나사	1	
F-40	CA-000822-00		Thread Detecting Plate	실 감지판	1	
F-41	CTR-CM000501		Tension Release Driving Lever	실 늦추기 구동레버	1	
F-42	PSC-CB000200		Screw (M4×P0.7)	실 늦추기 구동레버 칩나사	2	
F-43	CMB-HK000600		Thread Guide (R)	실안내(우)	1	
F-44	DSC-BA000100		Screw (9/64", n=40)	실안내 고정나사	1	
F-45	CMB-HK000101		Thread Guide (L)	실안내(좌)	1	Dec.19.11
F-46	DSC-BA000100		Screw (9/64", n=40)	실안내 고정나사	1	
F-47	CMB-HK004901		Thread Guide (L)	실안내(하)	1	Nov.18.10
F-48	DSC-BA000100		Screw (9/64", n=40)	실안내 고정나사	1	
F-49	DTC-AH000300		Holder for Thread Detecting Line	실 감지선 잡이	1	
F-50	PSC-BD000400		Screw (M5×P0.8)	실 감지선 잡이 칩나사	1	
F-51	CMB-BJ002500		Upper Thread Guide Plate	윗실 안내판	1	
F-52	CTR-KC000100		Shaft for Upper Thread Adjusting Lever	윗실 조절 축	1	
F-53	PSR-AC000500		E-Ring	윗실조절 축 E-링	1	
F-54	DWS-AA005800		Washer	윗실 조절 축 와셔	1	
F-55	DSC-BF002200		Screw (11/64", n=40)	윗실 조절 축 칩나사	1	
F-56	CTR-BJ001301		Solenoid Bracket	실늦추기 솔레노이드 브라켓	1	
F-57	CTR-FZ000100		Stopper Rubber	실늦추기 레버 스토퍼 고무	1	

F

Thread Release & Lowering Mechanism

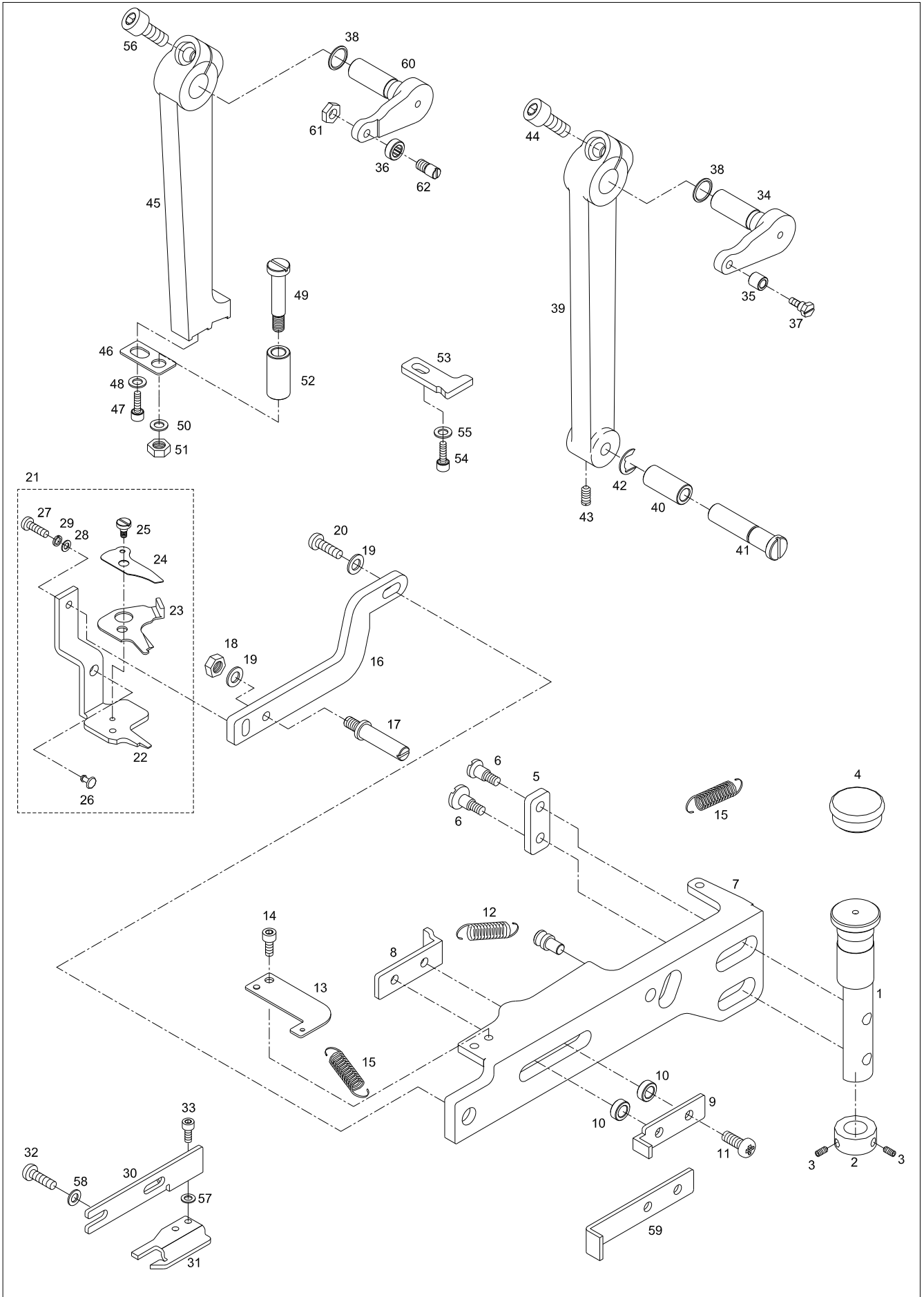
실조절 장치 관계



G

Upper Thread Trimmer Mechanism

상사절 관계



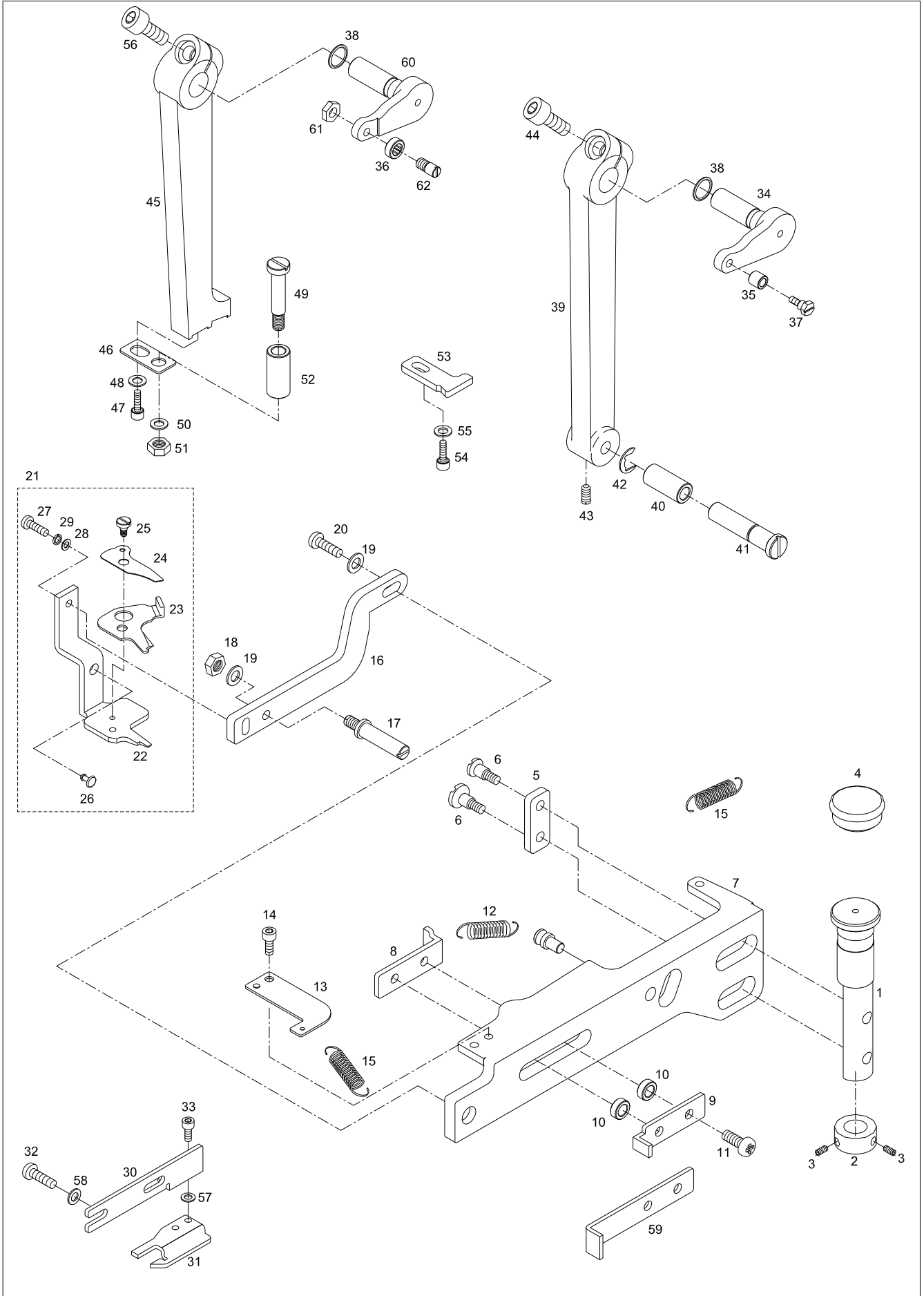


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
G-1	CUT-KF000100		Upper Thread Trimmer Hinge Shaft	상사철 힌지축	1	
G-2	DCL-AA003000		Upper Thread Trimmer Hinge Shaft Collar	상사철 힌지축 카라	1	
G-3	DSC-CB000700		Screw (M5×P0.8)	상사철 힌지축 카라 첩나사	2	
G-4	DPK-CB000100		Upper Thread Trimmer Hinge Shaft Rubber Cap	상사철 힌지축 고무마개	1	
G-5	DWS-AB000101		Washer	상사철 레버 와셔	1	Dec.21.11
G-6	DSC-FA006800		Stud Screw for Upper Thread Trimmer Lever(15/64", n=28)	상사철 레버 고정 단나사	2	
G-7	CUT-CM000200		Upper Thread Trimmer Lever	상사철 레버	1	
G-8	CUT-BJ000200		Upper Thread Trimmer Lever Stopper	상사철 레버 스톱퍼	1	
G-9	CUT-BJ000300		Upper Thread Trimmer Lever Return Plate	상사철 레버 리턴판	1	
G-10	DCL-BA000700		Upper Thread Trimmer Lever Collar	상사철 레버 카라	2	
G-11	DSC-BF003800		Screw (9/64", n=40)	상사철 레버 리턴판 첩나사	2	
G-12	DSP-AB001700		Upper Thread Trimmer Lever Extension Spring	상사철 레버 인장 스프링	1	
G-13	CUT-BJ000800		Spring Holder Plate	스프링 걸이판	1	
G-14	DSC-BJ001100		Screw (9/64", n=40)	스프링 걸이판 첩나사	1	
G-15	DSP-AB001800		Upper Thread Trimmer Extension Spring	상사철 인장 스프링	2	
G-16	CUT-BJ000400		Upper Thread Trimmer Setting Plate	상사철 셋팅판	1	
G-17	DSC-FG000400		Roller Support Screw (3/16", n=32)	롤러 지지 단나사	1	
G-18	DSN-AA000600		Roller Support Screw Nut (3/16", n=32)	롤러 지지 단나사 너트	1	
G-19	DWS-AA000600		Roller Support Screw Washer	롤러 지지 단나사 와셔	2	
G-20	PSC-AC006600		Setting Plate Screw (M5×L10)	셋팅판 첩나사 (M5×L10)	1	
G-21	10-121A-300G		Upper Thread Trimmer Mes Ass'y	상사철 메스 (조)	1Set	
G-22	CUT-NB000101		Upper Thread Trimmer Fixing Mes	상사철 고정메스	1	May.03.12
G-23	CUT-NA000100		Upper Thread Trimmer Moving Mes	상사철 동메스	1	
G-24	CUT-BJ000500		Upper Thread Tension Plate	상사철 장력판	1	
G-25	DSC-FD000500		Screw (1/8", n=40)	메스 고정 단나사	1	
G-26	DPK-CA001200		Upper Thread Stopper Rubber	상사철 스톱퍼 고무	1	
G-27	DSC-BF007500		Screw (11/64", n=40)	상사철 고정 메스 첩나사	1	
G-28	DWS-AA000600		Washer	상사철 고정 메스 와셔	1	
G-29	PWS-CA001600		Spring Washer	상사철 고정 메스 스프링 와셔	1	
G-30	CUT-DF000100		Upper Thread Trimmer Opening Cam(A)	상사철 개방 캠 (A)	1	
G-31	CUT-DF000200		Upper Thread Trimmer Opening Cam(B)	상사철 개방 캠 (B)	1	
G-32	DSC-BF003100		Bolt (M4×P0.7)	상사철 개방 캠 볼트	2	
G-33	PSC-AC002100		Screw (M4×P0.7)	상사철 개방 캠 첩나사	2	
G-34	CUT-CB000100		Upper Thread Trimmer Driving Lever	상사철 구동 레버	1	
G-35	CUT-CL000200		Upper Thread Trimmer Driving Lever Roller	상사철 구동 레버 롤러	1	
G-36	PBR-AA013600		Upper Thread Trimmer Driving Lever Bearing	상사철 구동 레버 베어링	1	Oct.11.11
G-37	DSC-FB001103		Hinge Screw For Driving Roller(7/32", n=32)	구동 롤러 단나사	1	Oct.12.11
G-38	PPK-BA000900		O-Ring	O-링	2	
G-39	CUT-CM000300		Longitudinal Feed Arm for Upper Thread Trim	상사철 세로 이송 암	1	
G-40	CUT-CL000100		Roller for Long Longituinal Feed Arm	상사철 세로 이송 암 롤러	1	
G-41	CUT-KC000200		Roller Shaft For Longituinal Feed Arm	상사철 세로 이송 암 롤러 축	1	
G-42	PSR-AC000200		E-Ring	상사철 세로 이송 암 롤러 축 E-링	1	
G-43	DSC-CB000500		Screw (15/64", n=28)	상사철 세로 이송 암 축 첩나사	1	
G-44	PSC-AC001200		Screw (M6×P1.0)	상사철 세로 이송 암 첩나사	1	
G-45	CUT-CM000601		Upper Thread Trimmer Driving Arm	상사철 구동 암	1	
G-46	CUT-BJ000700		Upper Thread Trimmer Lever Support Plate	상사철 레버 지지판	1	
G-47	PSC-AC001500		Screw (M4×P0.7)	상사철 레버 지지판 첩나사	1	
G-48	DWS-AA001100		Washer	상사철 레버 지지판 첩나사 와셔	1	
G-49	DSC-FA008700		Roller Shaft For Upper Thread Trimmer Driving Arm	상사철 구동 암 롤러 축	1	
G-50	DWS-AA000600		Washer	상사철 구동 암 롤러 축 와셔	1	
G-51	PSN-AA002100		Nut (M5)	상사철 구동 암 롤러 축 너트(M5)	1	
G-52	CUT-CL000300		Roller For Upper Thread Trimmer Driving Arm	상사철 구동 암 롤러	1	
G-53	CUT-BJ000900		Upper Thread Trimmer Driving Arm Stopper	상사철 구동암 스톱퍼	1	
G-54	PSC-AC001500		Screw (M4×P0.7)	상사철 구동암 스톱퍼 첩나사	1	
G-55	DWS-AA001100		Washer	상사철 구동암 스톱퍼 와셔	1	
G-56	PSC-AC001200		Screw (M6×P1.0)	상사철 구동암 첩나사	1	
G-57	DWS-AA001100		Washer	뒤뚜껑와셔	1	

G

Upper Thread Trimmer Mechanism

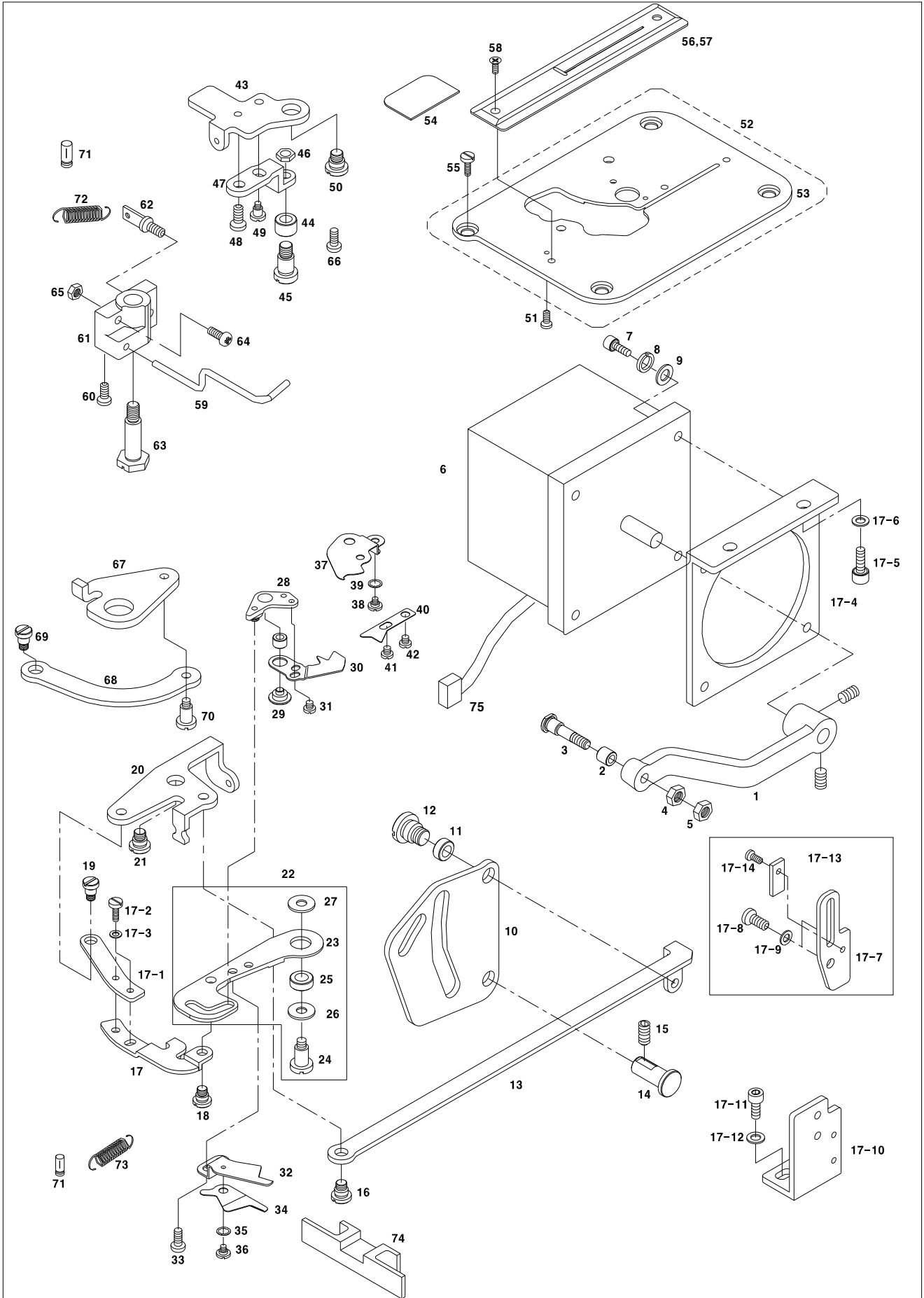
상사절 관계





Lower thread trimmer Mechanism

하사절 관계



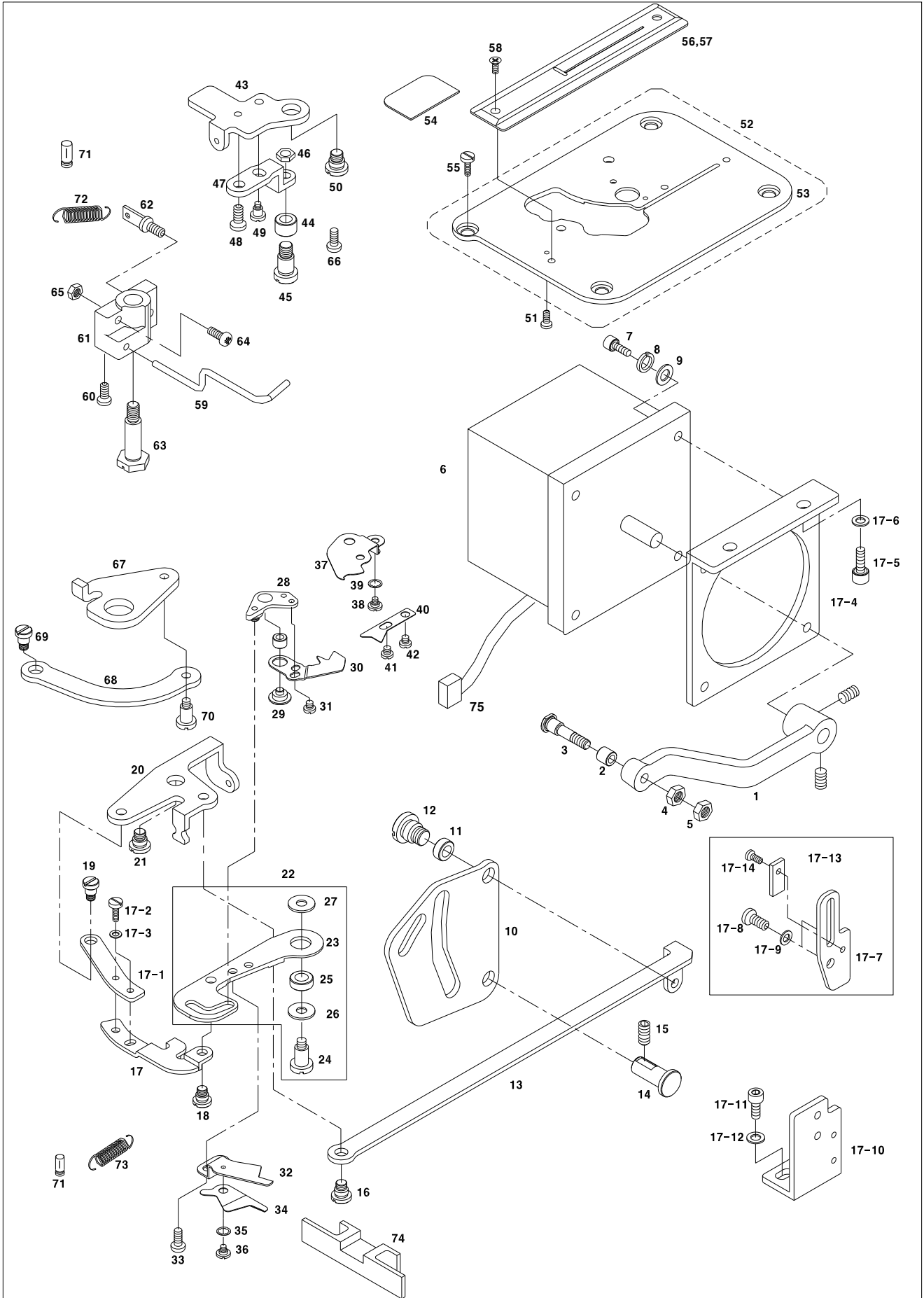


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
H-1	CLT-CM000900		Lower Thread Trimmer Driving Lever	하사절 작동 레버	1	
H-2	CLT-CL000100		Lower Thread Trimmer Driving Lever Roller	하사절 작동 레버 롤러	1	
H-3	DSC-FA007000		Stud Screw for Lower Thread Trimmer Driving Lever Roller	하사절 작동 레버 롤러 단나사	1	
H-4	DSN-AA000600		Nut (3/16", n=32)	하사절 작동 레버 롤러 단나사 너트	1	
H-5	SN-000169-00		Nut for Detecting Sensor (3/16", n=32)	하사절 센서 감지 너트	1	
H-6	MO-000042-00		Lower Thread Trimming Motor	하사절 작동 모터	1Set	
H-7	PSC-AC005600		Screw for Lower Thread Trimming Motor (M5xL12)	하사절 작동 모터 고정 나사	4	
H-8	DWS-CA000100		Spring Washer for Lower Thread Trimming Motor	하사절 작동 모터 고정 스프링 와셔	4	
H-9	DWS-AA000600		Washer for Lower Thread Trimming Motor	하사절 작동 모터 고정 와셔	4	
H-10	CLT-DF000200		Lower Thread Trimmer Cam	하사절 캠	1	
H-11	CUT-CL000200		Lower Thread Trimmer Cam Roller	하사절 캠 롤러	1	
H-12	DSC-FA005800		Stud Screw(B) for Lower Thread Trimmer Rod	하사절 연결 롯드 단나사 (B)	1	
H-13	CLT-CC000200		Lower Thread Trimmer Rod	하사절 연결 롯드	1	
H-14	DPN-AD004300		Lower Thread Trimmer Cam Shaft	하사절 캠 축	2	
H-15	DSC-CB000500		Screw (15/64", n=28)	하사절 캠 축 찰나사	2	
H-16	DSC-FA007100		Stud Screw(A) for Lower Thread Trimmer Rod	하사절 연결 롯드 단나사 (A)	1	
H-17	GP-027721-02		Lower Thread Trimmer Link (A-A)	하사절 링크 (A-A)	1	
H-17-1	CLT-CA000200		Lower Thread Trimmer Link (B-B)	하사절 링크 (B-B)	1	
H-17-2	DSC-BF001000		Screw(11/64", n=40)	링크고정나사	2	
H-17-3	DWS-AA000500		Washer	링크고정나사 와셔	2	
H-17-4	CLT-BB000601		Bracket for Lower Thread Trimming Motor	하사절 모터브라켓	1	
H-17-5	PSC-AC005600		Screw(M5xP0.8xL12)	하사절 모터브라켓 고정나사	2	
H-17-6	DWS-AA000600		Washer(φ5.3)	모터브라켓 고정와셔	2	
H-17-7	CLT-BJ001800		Sensor Bracket	센서브라켓	1	
H-17-8	PSC-AC001500		Screw(M4xP0.8)	센서브라켓 고정나사	2	
H-17-9	DWS-AA001100		Washer	센서브라켓 고정와셔	2	
H-17-10	CLT-BB000700		Sensor Base for Lower Thread Trimming	하사절 센서 베이스	1	
H-17-11	PSC-AC005600		Screw(M5xP0.8)	하사절 센서 베이스 찰나사	2	
H-17-12	DWS-AA000600		Washer	하사절 센서 베이스 찰나사 와셔	2	
H-17-13	EP-000289-00		Sensor Ass'y	하사절 센서 (조)	1Set	
H-17-14	PSC-BA000100		Screw(M3xP0.5 L=8)	실조절장치 센서 찰나사	1	
H-18	DSC-FA007200		Stud Screw for Lower Thread Trimmer Link (A)	하사절 링크 (A) 단나사	1	
H-19	DSC-FA005900		Stud Screw for Lower Thread Trimmer Link	하사절 링크 연결 단나사	1	
H-20	CLT-CA000200		Lower Thread Trimmer Link (B)	하사절 링크 (B)	1	
H-21	DSC-FA007300		Stud Screw for Lower Thread Trimmer Link (B)	하사절 링크 (B) 단나사	1	
H-22	AS-005176-01		Mes Ass'y for Lower Thread Trimming	하사절 메스 (조)	1Set	
H-23	CLT-CM000400		Mes Driving Lever	메스 작동 레버	1	
H-24	DSC-FA007300		Stud Screw for Mes Driving Lever Roller	메스 작동 레버 롤러 단나사	1	
H-25	CLT-CL000200		Mes Driving Lever Roller	메스 작동 레버 롤러	1	
H-26	DWS-AA006900		Washer(A) for Mes Driving Lever	메스 작동 레버 와셔 (A)	1	
H-27	DWS-AA007000		Washer(B) for Mes Driving Lever	메스 작동 레버 와셔 (B)	1	
H-28	CLT-CM000500		Lever For Lower Thread Retainer	밀실 가리개 레버	1	
H-29	DSC-FA007400		Stud Screw for Lower Thread Retainer Lever(11/64"n=11)	밀실 가리개 레버 단나사	1	
H-30	CLT-BG000200		Lower Thread Retainer	밀실 가리개	1	
H-31	DSC-BJ002800		Screw (9/64", n=40)	밀실 가리개 찰나사	2	
H-32	CLT-NB000201		Fixed Mes for Lower Thread Trimmer Ass'y	하사절 고정 메스 (조)	1Set	
H-33	DSC-BJ002900		Screw (9/64", n=40)	하사절 고정 메스 찰나사	2	
H-34	CLT-NA000201		Moving Mes for Lower Thread Trimmer	하사절 동메스	1	
H-35	DWS-CC000301		Washer	하사절 동메스 파형 와셔	1	
H-36	DSC-BJ003100		Screw (3/32", n=56)	하사절 동메스 찰나사	1	
H-37	CLT-BJ001400		Lower Thread Clamp Plate Ass'y	밀실 걸이판 (조)	1Set	
H-38	DSC-BJ003101		Stud Screw for Lower Thread Clamp Plate (1/8", n=40)	밀실 걸이판 단나사	1	
H-39	DWS-CC000301		Washer	밀실 걸이판 파형 와셔	1	
H-40	CLT-BJ001500		Lower Thread Presser Plate	밀실 누름 판	1	
H-41	DSC-FA008101		Screw A (3/32", n=56)	밀실 누름판 단나사	1	
H-42	DSC-BJ002800		Screw B (9/64", n=40)	밀실 누름 판 찰나사 B	1	
H-43	GP-034517-00		Opening Plate A	열림판 A	1	



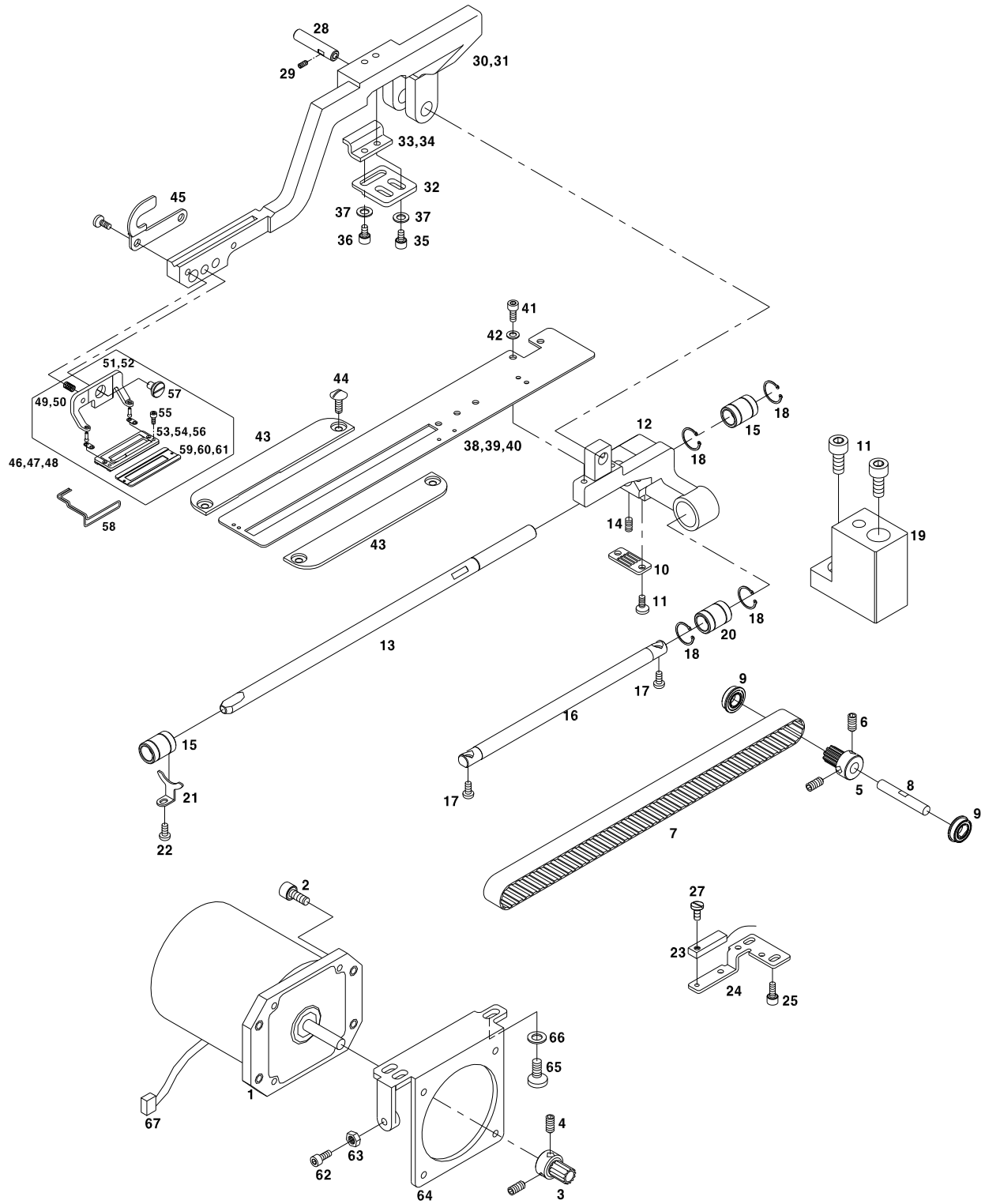
Lower thread trimmer Mechanism

하사절 관계



Y-Moving Mechanism

Y-이송 관계

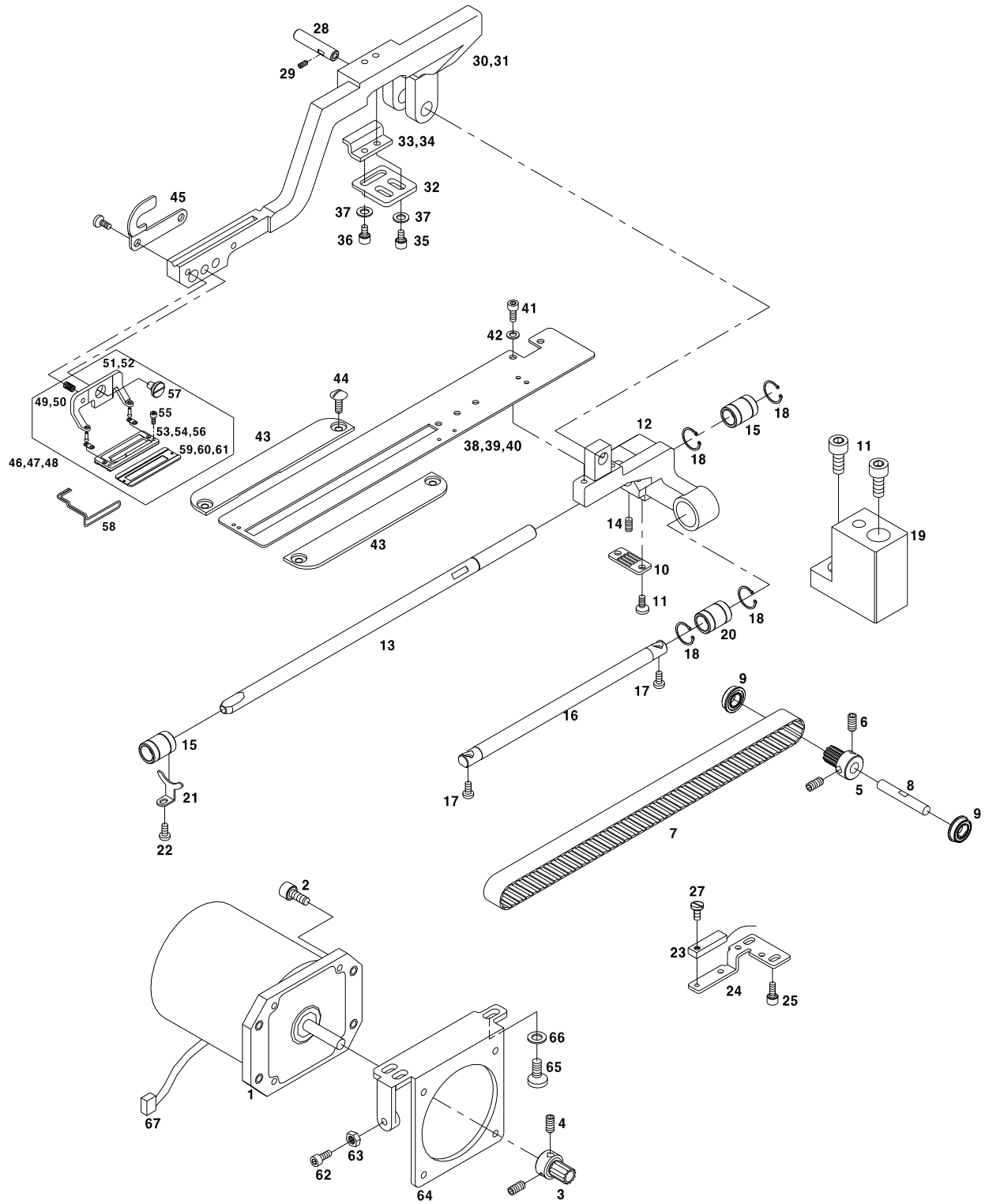




Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
I-1	PMT-BJ000800		Y-Driving Motor	Y-이송 모터	1Set	
I-2	PSC-AC005600		Screw (M5×P0.8)	Y-이송 모터 첩나사	4	
I-3	DPL-BD002500		Y-Driving Pulley	Y-이송 구동 폴리	1	
I-4	DSC-CB000500		Screw (15/64", n=28)	Y-이송 구동 폴리 첩나사	2	
I-5	DPL-BD002500		Y-Feed Driven Pulley	Y-이송 종동 폴리	1	
I-6	DSC-CB000500		Screw (15/64", n=28)	Y-이송 종동 폴리 첩나사	2	
I-7	PBT-BD001600		Y-Feed Drive Timming Belt (456-3GT-15)	Y-이송 타이밍 벨트	1	
I-8	CYF-KC002500		Y-Feed Driven Pulley Shaft	Y-이송 종동 폴리 축	1	
I-9	PBR-AA007100		Y-Feed Driven Pulley Shaft Bearing (F698ZZ)	Y-이송 종동 폴리축 베어링	2	
I-10	CYF-BJ004900		Y-Feed Timming Belt Holder Plate	Y-이송 타이밍 벨트 잡이판	1	
I-11	DSC-AC001400		Fixing Bolt for Holder Plate(11/64", n=40 L=10)	Y이송 가이드 축 첩나사	6	
I-12	CYF-BB003601		Y-Feed Arm Support	Y-이송 아암 지지대	1	
I-13	CYF-KC002300		Y-Feed Shaft	Y-이송 축	1	
I-14	DSC-CB000500		Screw (15/64", n=28)	Y-이송 축 첩나사	1	
I-15	PBR-FA000900		Y-Feed Shaft Bearing (LM-10)	Y-이송 축 베어링	2	
I-16	CYF-KC002400		Y-Feed Guide Shaft	Y-이송 가이드 축	2	
I-17	DSC-AC001400		Screw (11/64"n=40 L=12)	Y-이송 가이드 축 첩나사	2	
I-18	DSR-AA000100		C-Ring (φ19)	C-Ring	4	
I-19	CYF-BK000100		Fixing Block for Y-Feed Guide Shaft	Y-이송 가이드 축 고정 블록	2	
I-20	PBR-FA000900		Y-Feed Guide Shaft Bearing (LM-10)	Y-이송 가이드축 베어링	2	
I-21	CYF-BJ005000		Bearing Support Plate	베어링 지지판	1	
I-22	DSC-BJ001100		Screw (9/64", n=40)	베어링 지지판 첩나사	2	
I-23	CA-003414-03		Y-Feed Sensor Ass'y	Y-이송 센서(조)	1	Feb.27.12
I-24	CYF-BJ005100		Y-Feed Sensor Basket	Y-이송 센서 브라켓	1	
I-25	DSC-BF007500		Screw (11/64", n=40)	Y-이송 센서 브라켓 첩나사	2	
I-27	PSC-BD000700		Y-Feed Sensor Screw(M3XL8)	Y-이송 센서 고정나사	1	
I-28	DPN-AA005300		Y-Feed Arm Support Shaft	Y-이송암 지지대 축	1	
I-29	DSC-CB000500		Screw (15/64", n=28)	Y-이송암 지지대 축 첩나사	1	
I-30	CYF-BB003500		Y-Feed Arm	Y-이송암	1	
I-31	GP-036144-01	*	Y-Feed Arm for 120mm	Y-이송암(120mm)	1	
I-32	CYF-BJ003700		Return Cam Support Plate	리턴 캠 지지판	1	
I-33	CYF-BJ003600		Return Cam	리턴 캠	1	
I-34	GP-036139-01		Return Cam for 120mm	리턴 캠 (120mm)	1	
I-35	PSC-AC001500		Fixing Bolt for Return Cam Support Plate	리턴 캠 지지판 고정 볼트	2	
I-36	PSC-AC001500		Screw (M4×P0.5)	리턴 캠 첩나사	2	
I-37	DWS-AA001100		Washer	리턴 캠 지지판 고정 와셔	4	
I-38	CGA-GJ001301	G	Feed Plate (G)	이송판 (일반용)	1	
I-39	GP-035769-00	K	Feed Plate (K)	이송판 (니트용)	1	
I-40	GP-036138-01	*	Feed Plate for 120mm	이송판 (120mm)	1	
I-41	PSC-AC001500		Fixing Bolt for Feed Plate (M4×P0.7)	이송판 고정볼트	2	
I-42	DWS-AA001100		Washer	이송판 고정와셔	2	
I-43	CYF-BJ003300		Feed Plate Guide	이송판 가이드	2	
I-44	DSC-BG000100		Screw (9/64", n=40)	이송판 가이드 첩나사	4	
I-45	CYF-BJ003500		Feed Arm Support	이송암 지지판	1	
I-46	AGA-PS001200	G	Presser Foot Ass'y for G	노루발(조)-일반용	1Set	
I-47	20-053A-300K	K	Presser Foot Ass'y for K	노루발(조)-니트용	1Set	
I-48	AS-007990-02	*	Presser Foot Ass'y for 120mm	노루발(조)-120mm용	1Set	Aug.30.09
I-49	20-521G-300G		Fixing Spring	노루발(상) 고정 스프링	1	
I-50	GP-036143-01	*	Fixing Spring for 120mm	노루발(상) 고정 스프링 120mm 용	1	Aug.30.09
I-51	20-522A-300G		Presser Foot (U)	노루발 (상)	2	
I-52	GP-036140-00	*	Presser Foot (U)	노루발 (상) - 120mm	1	
I-53	20-523A-300G		Presser Foot (L)	노루발 (하)	1	
I-54	GP-036142-00	*	Presser Foot (L)	노루발 (하) - 120mm	1	
I-55	20-524S-300G		Screw (3/32", n=56)	노루발 (하)-첩나사	2	
I-56	20-525A-300K		Presser Foot (L)- for Knit	노루발 (하)-니트용	1	
I-57	DSC-FA008800		Stud Screw for Presser Foot(9/64", n=40)	노루발 단나사	1	
I-58	CPB-BH000200		Finger Guard	핑거가드	1	

Y-Moving Mechanism

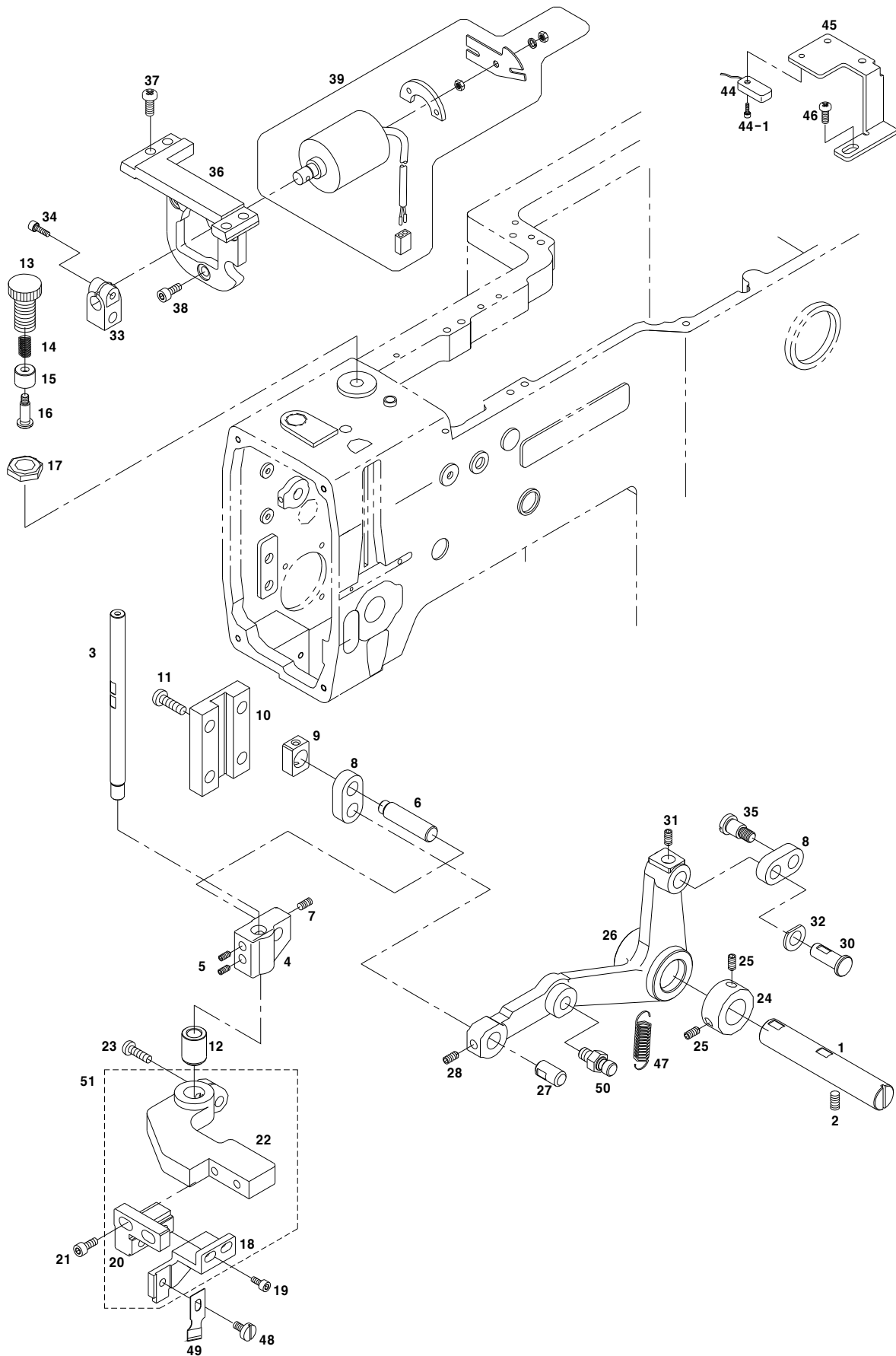
Y-이송 관계

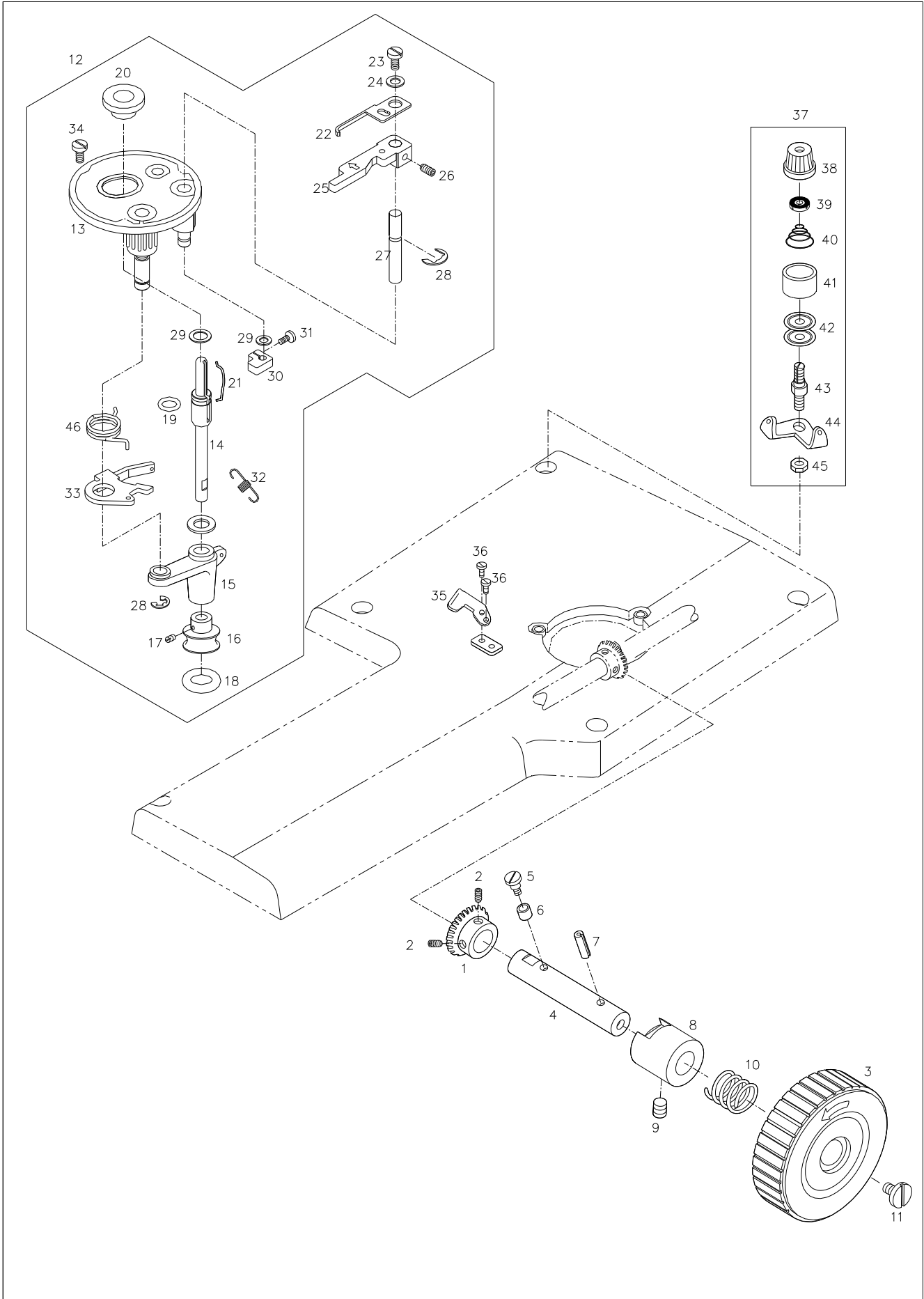


J

Cutter Mechanism

커터 관계

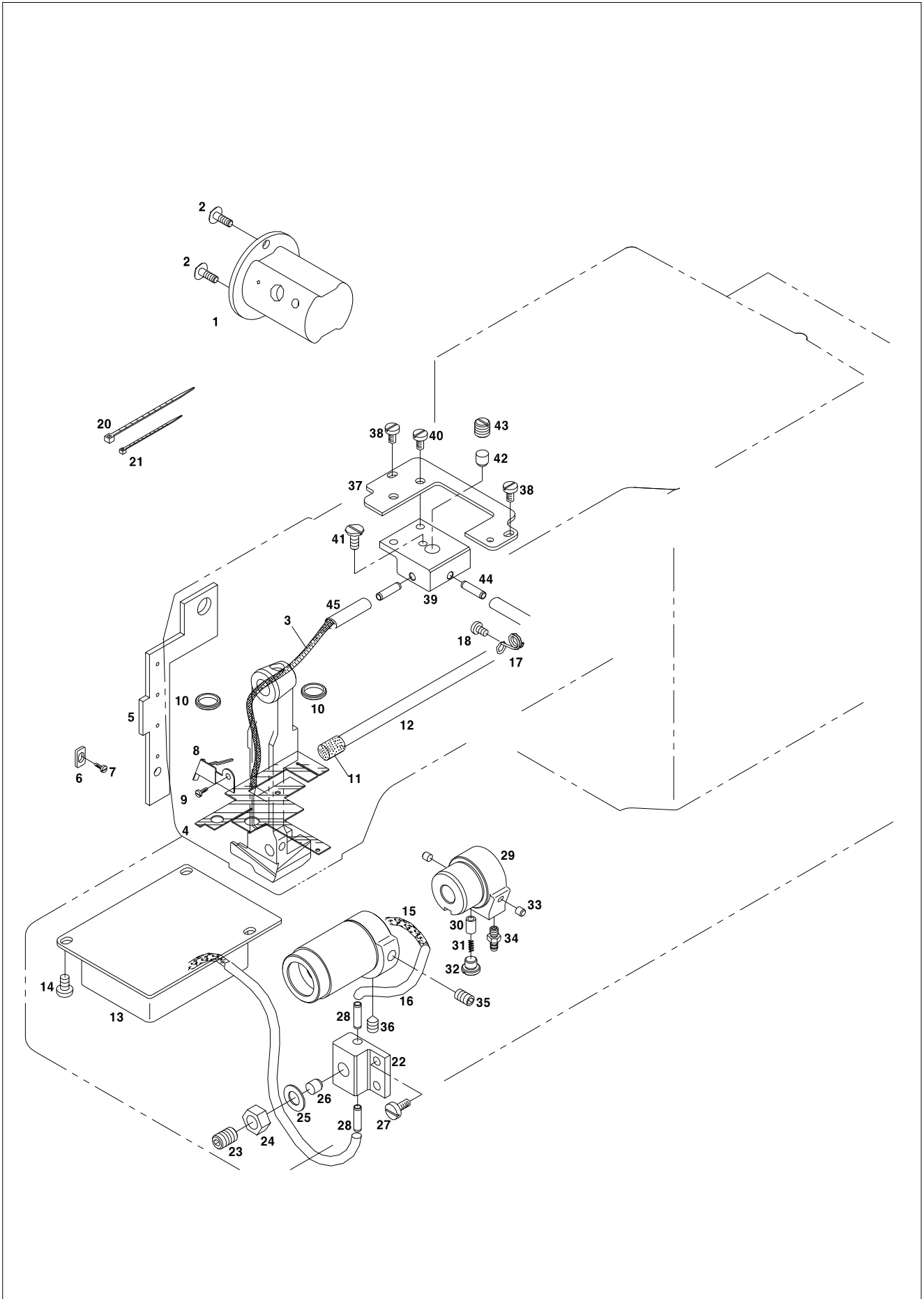






Lubrication Mechanism

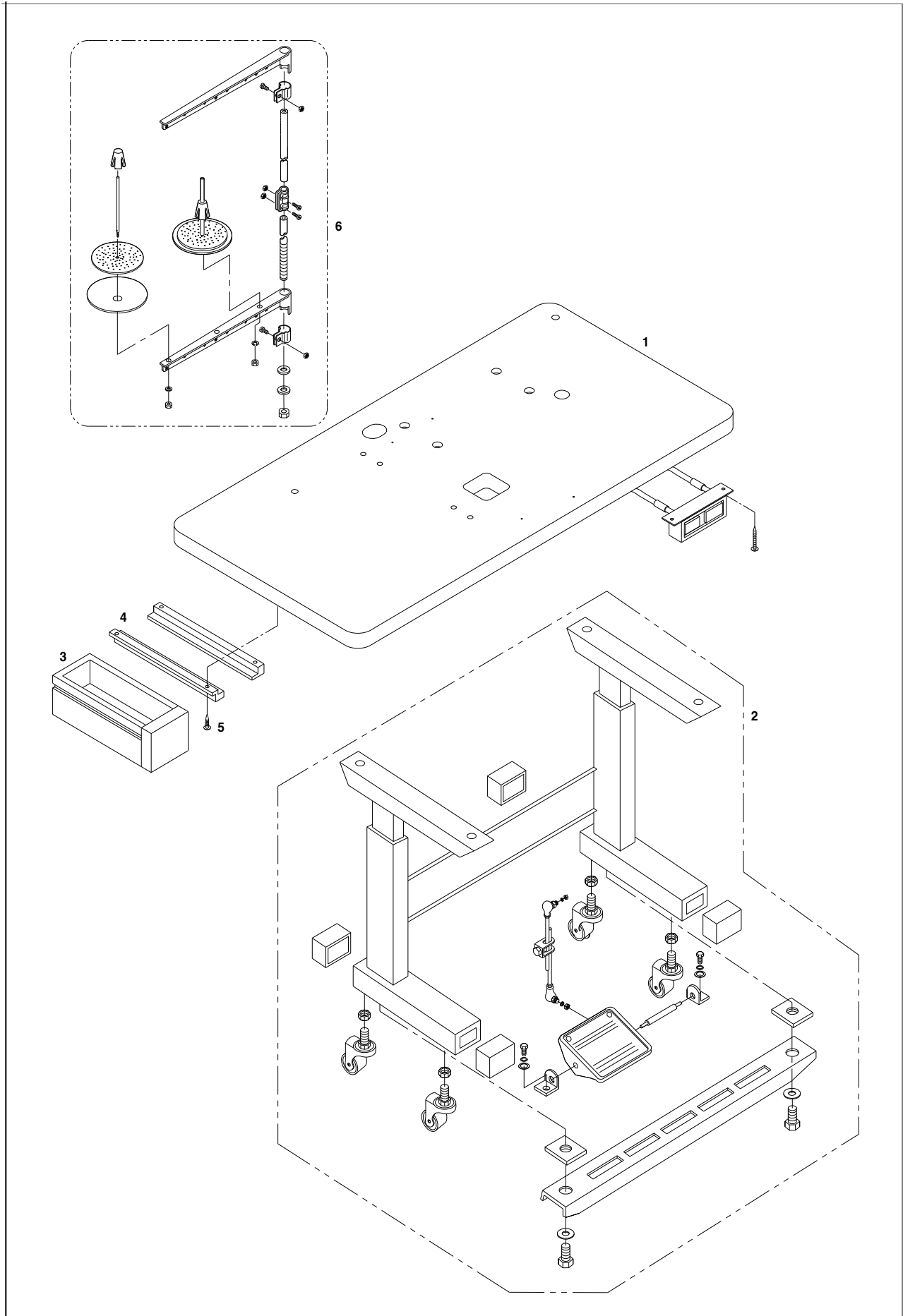
급유 관계



M

Table Mechanism

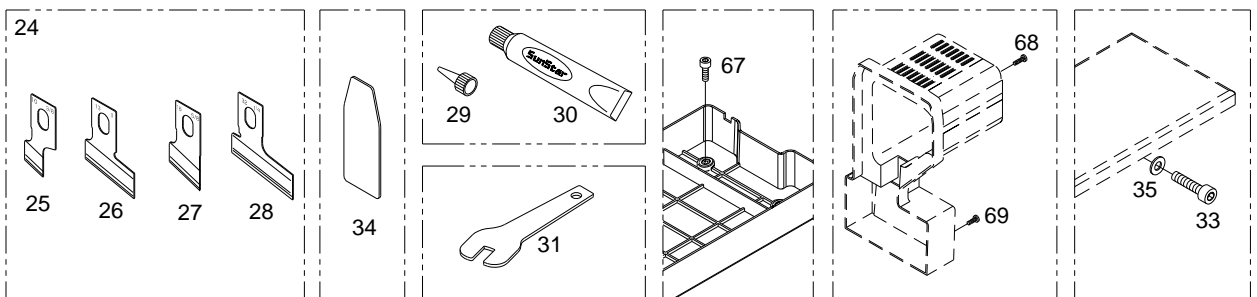
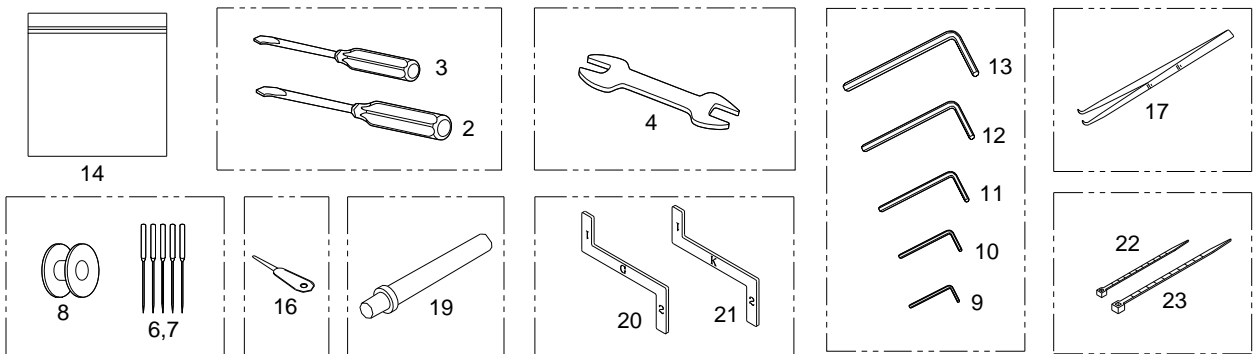
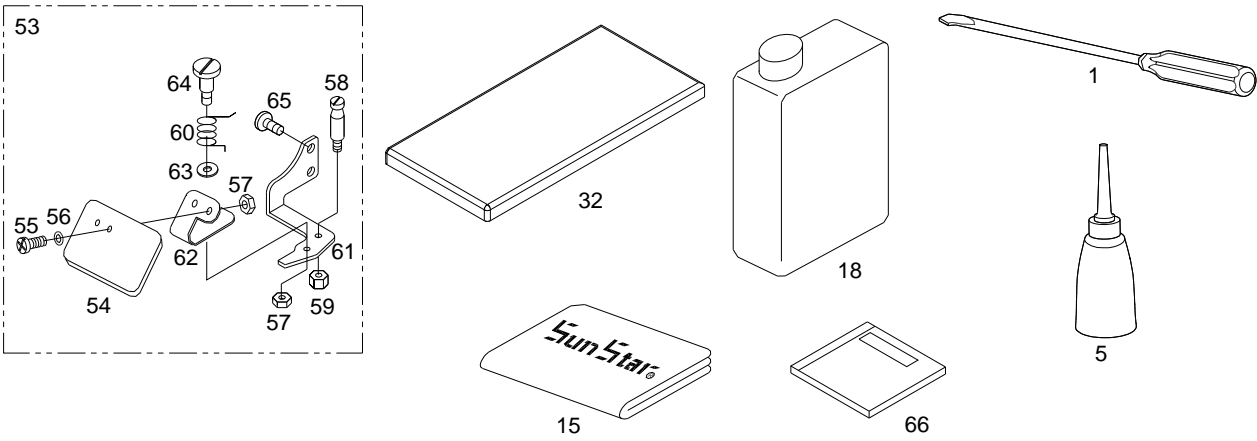
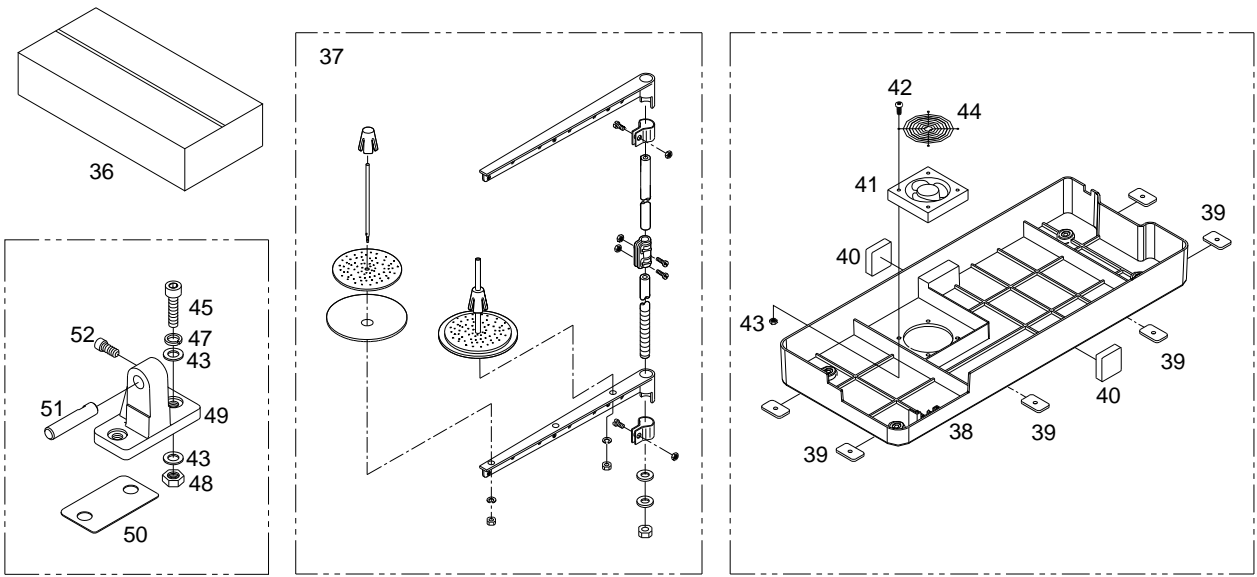
테이블 관계



N

Accessories Mechanism

액세서리 관계



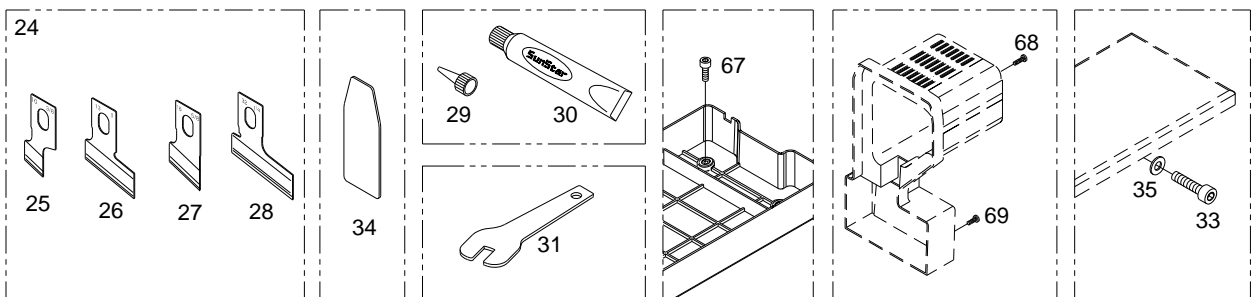
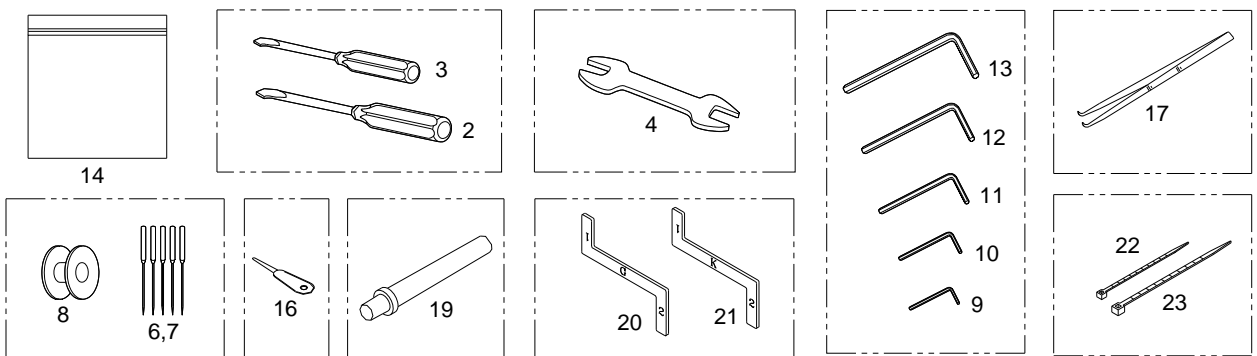
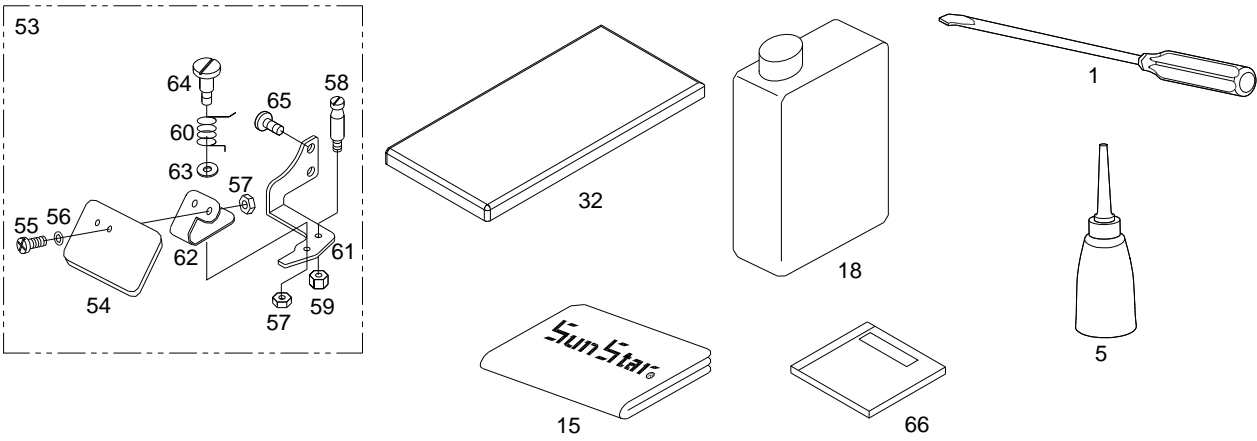
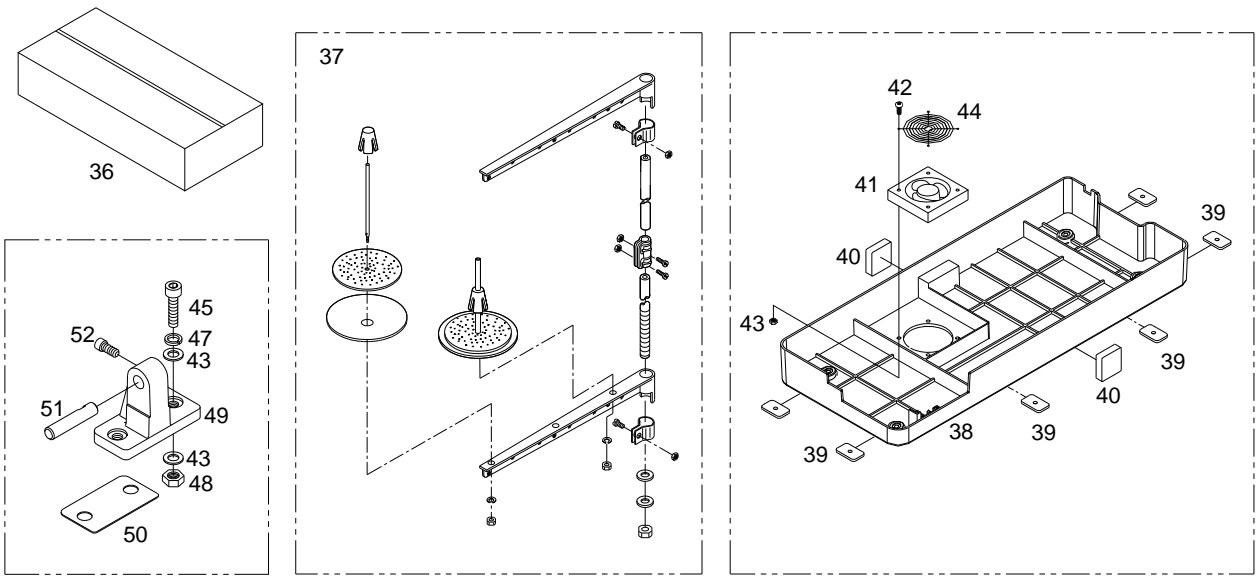


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
N-1	PTL-BA000100		Driver (L)	드라이버(대)	1	
N-2	PTL-BA000200		Driver (M)	드라이버(중)	1	
N-3	PTL-BA000200		Driver (S)	드라이버 (소)	1	
N-4	PTL-CB000100		Spanner (9×10)	스패너 (9×10)	1	
N-5	CAC-JB000100		Oiler	오일주유통	1	
N-6	-		Needle (DP5×#14) for BH3100G	바늘 (DP5×#14) for BH3100G	1	
N-7	-		Needle (DP5×#11J) for BH3100K	바늘 (DP5×#11) for BH3100K	1	
N-8	CHK-HB000500		Bobbin	보빈	2	
N-9	PTL-AB000100		L-Shaped Wrench (2mm)	L 렌치 (2mm)	1	
N-10	PTL-AB000300		L-Shaped Wrench (2.5mm)	L 렌치 (2.5mm)	1	
N-11	PTL-AB000500		L-Shaped Wrench (3mm)	L 렌치 (3mm)	1	
N-12	PTL-AB000400		L-Shaped Wrench (4mm)	L 렌치 (4mm)	1	
N-13	PTL-AB000200		L-Shaped Wrench (5mm)	L 렌치 (5mm)	1	
N-14	CAC-MH000100		Bag for Accessories	악세서리 백	1	
N-15	CAC-MA000300		Head Cover	헤드커버	1	
N-16	91-007C-7400		Thread Sticker	실끼우개	1	
N-17	91-020A-300G		Pin Set	핀셋	1	
N-18	CAC-JB000400		Oil Bottle	오일통	1	
N-19	CST-CR000200		Body Support	두부 지지봉	1	
N-20	04-026A-300G		Gauge for Needle Bar Setting (G)	바늘대 셋팅 게이지 (G)	1	
N-21	04-027A-300K		Gauge for Needle Bar Setting (K)	바늘대 셋팅 게이지 (K)	1	
N-22	PTC-AG000200		Cable Tie (13 inch)	케이블 타이(소)	5	
N-23	PTC-AC000100		Cable Tie (M)	케이블 타이(중)	5	
N-24	28-150A-300G		Cutter Ass'y	커터(조)	1Set	
N-25	28-054A-300G		Cutter (3/8")	커터 (3/8")	1	
N-26	28-056A-300G		Cutter (1")	커터 (1")	1	
N-27	28-055A-300G		Cutter (5/8")	커터 (5/8")	1	
N-28	28-057A-300G		Cutter (11/4")	커터 (11/4")	1	
N-29	CST-FD002001		Grease Nozzle	그리스 주유구	1	
N-30	GP-014973-00		Grease	그리스	1	
N-31	GP-036127-00		Spanner for Adjusting Spring	실채기 스프링 장력 조절 스패너	1	
N-32	GP-018491-00		Auxiliary Table	보조판	1	
N-33	PSC-AC001000		Bolt (M5×P0.8×L10)	작업 받침대 고정나사	4	
N-34	44-067A-300G		Oil Stopper Plate	오일 스톱퍼 판	1	
N-35	DWS-AA000600		Washer	작업 받침대 고정와셔	4	
N-36	-		Inner Box	인너박스	1	
N-37	CST-MF000100		Thread Stand Ass'y	실패꽃이	1Set	
N-38	CMB-BA000100		Bed Base	베드 베이스	1	
N-39	CST-FD001500		Bed Base Rubber Support A	베드 베이스 고무 받침 A	6	
N-40	CST-FD001600		Bed Base Rubber Support B	베드 베이스 고무 받침 B	2	
N-41	GP-000462-00		Cooling Pan	쿨링팬	1	
N-42	PSC-BH000800		Screw(M4xP0.7xL27)	쿨링팬 짐나사	4	
N-43	PSN-AA001200		Nut(M4)	쿨링팬 짐나사 너트	4	
N-44	GP-032245-00		Guard for Cooling Pan	쿨링팬 가드	1	
N-45	PSC-AA001200		Bolt(M10xL70)	베드 힌지 브라켓 고정나사	4	
N-46	DWS-AA002000		Washer	베드 힌지 브라켓 와셔	8	
N-47	PWS-CA000300		Spring Washer	베드 힌지 브라켓 스프링와셔	4	
N-48	PSN-AA000300		Nut(M10)	베드 힌지 브라켓 너트	4	
N-49	CST-BB001100		Ved Hinge Bracket	베드 힌지 브라켓	2	
N-50	CST-FD000700		Rubber	베드 힌지 브라켓 받침 고무	2	
N-51	DPN-AA006700		Bed Hinge Shaft	베드 힌지축	2	
N-52	PSC-BJ000200		Screw	베드 힌지축 짐나사	2	
N-53	AS-015073-00		Safety Plate Ass'y	안전판(조)	1Set	
N-54	CMB-BJ000900		Safety Plate	안전판	1	
N-55	DSC-BJ000200		Screw (11/64", n=40)	안전판 짐나사	2	
N-56	DWS-AA000500		Washer	와셔	2	
N-57	DSN-AA000900		Nut (11/64", n=40)	너트	1	

N

Accessories Mechanism

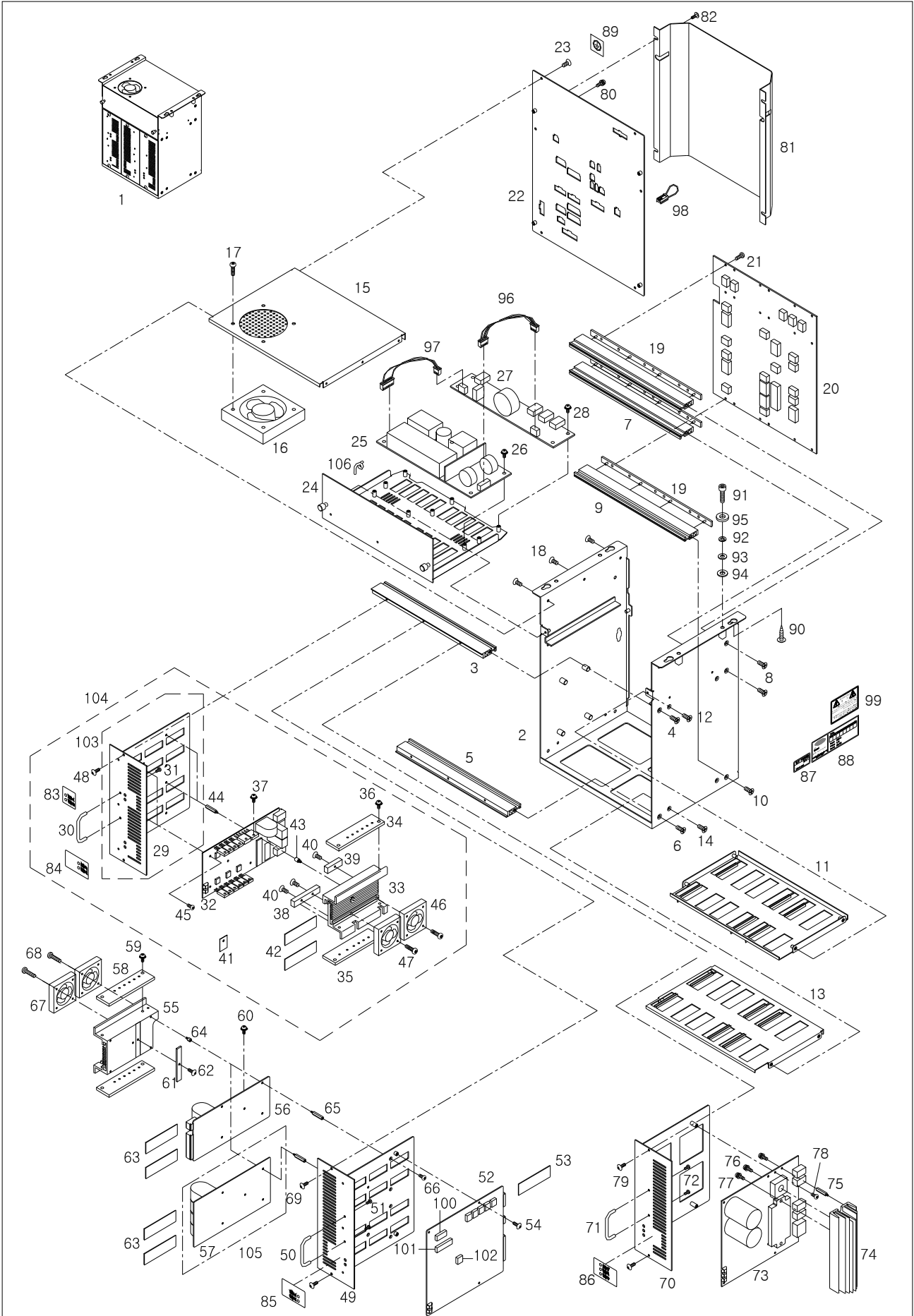
액세서리 관계





Control Box Mechanism

컨트롤 박스 관계



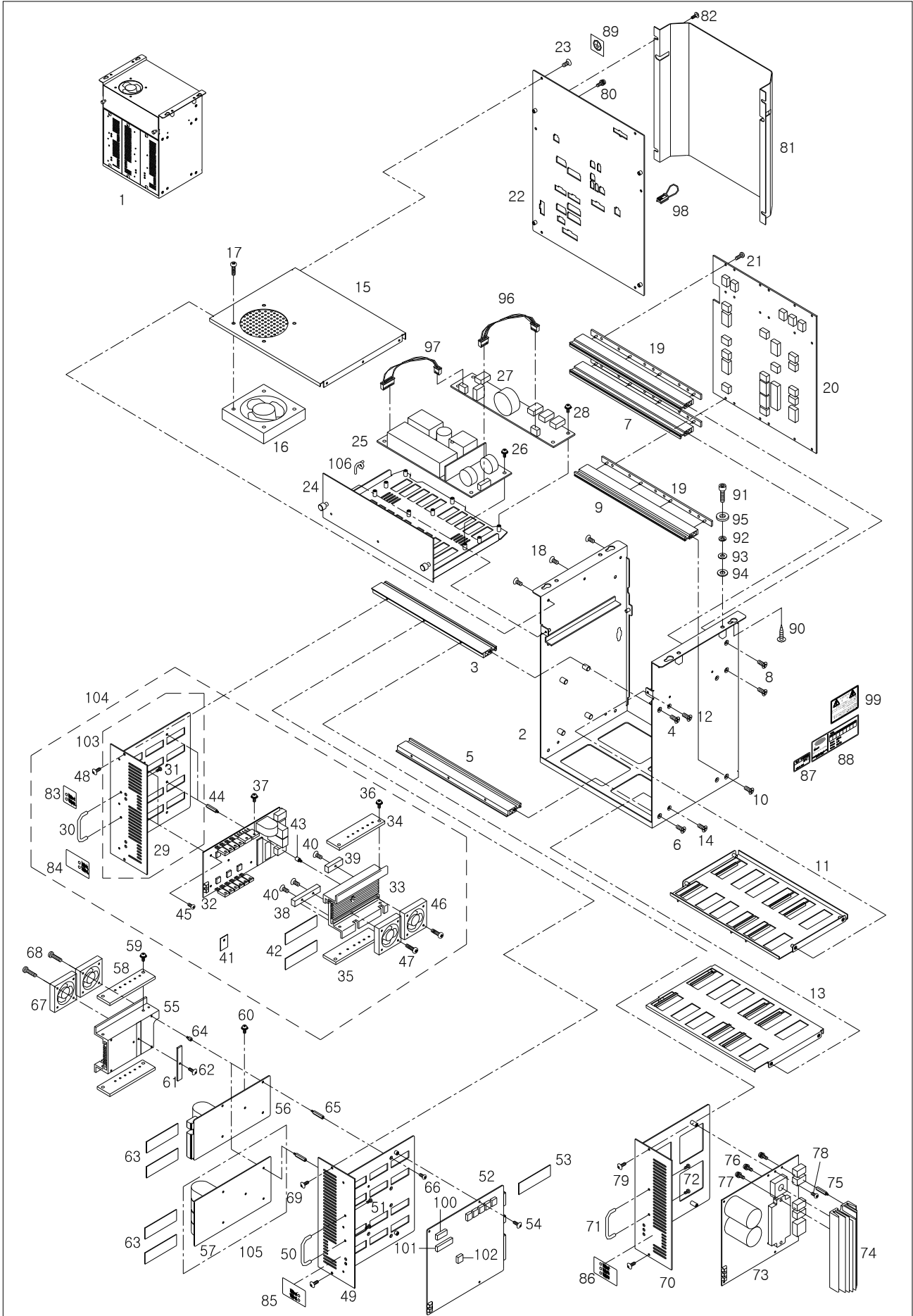


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
O-1	01-000A-BH31		Control Box Ass'y	컨트롤 박스 (조)	1	
O-2	GP-013455-04		Box Body	박스바디	1	Feb.03.10
O-3	GP-008671-01		Front Profile Upper	전면부 프로파일-상	1	
O-4	10-016S-CPT1		Screw(M4×L12)	전면부 프로파일-상 고정나사	2	
O-5	GP-008672-00		Front Profile Lower	전면부 프로파일-하	1	
O-6	10-016S-CPT1		Screw(M4×L12)	전면부 프로파일-하 고정나사	2	
O-7	GP-008673-00		Rear Profile Upper	후면부 프로파일-상	2	
O-8	10-016S-CPT1		Screw(M4×L12)	후면부 프로파일-상 고정나사	4	
O-9	GP-008674-00		Rear Profile Lower	후면부 프로파일-하	1	
O-10	10-016S-CPT1		Screw(M4×L12)	후면부 프로파일-하 고정나사	2	
O-11	GP-033662-00		Upper Frame	가로지지대-상	1	
O-12	10-004M-SW68		Screw(M3×L5)	가로지지대-상 고정나사	4	
O-13	GP-033663-00		Lower Frame	가로지지대-하	1	
O-14	10-004M-SW68		Screw(M3×L5)	가로지지대-하 고정나사	4	
O-15	GP-014587-00		Upper Cover	상면커버	1	
O-16	EA-000114-00		Control Box Fan	컨트롤 박스 Fan	1	
O-17	SC-000656-00		Screw(M5×L10)	컨트롤 박스 Fan 고정나사	4	
O-18	10-004M-SW68		Screw(M3×L5)	상면커버 고정나사	6	
O-19	GP-008667-00		Insulation Plate	절연 플레이트	3	
O-20	BD-000643-00		Backplane Board	백플레인 보드	1	
O-21	10-020M-SW66		Screw(M3×L12)	백플레인 보드 고정나사 (SET)	18	
O-22	GP-033674-02		Rear Cover	후면커버	1	Feb.03.10
O-23	10-004M-SW68		Screw(M3×L5)	후면커버 고정나사	6	
O-24	GP-008701-05		SMPS Bracket	SMPS 브라켓	1	
O-25	EP-000039-00		SMPS	SMPS	1	
O-26	10-002S-SW66		Screw(M3×L8)	SMPS 고정나사 (SET)	5	
O-27	BD-000315-08		DDC Board	DDC 보드	1	Jul.12.12
O-28	10-002S-SW66		Screw(M3×L8)	DDC 보드 고정나사 (SET)	6	
O-29	GP-033660-01		Step Board Bracket	스텝 보드 브라켓	1	Feb.03.10
O-30	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
O-31	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사	2	
O-32	BD-000646-07		Step Board	스텝 보드	1	Nov.01.10
	BD-000646-06		Step Board	스텝 보드	1	Sep.06.10
	BD-000646-03		Step Board	스텝 보드	1	Apr.13.09
O-33	GP-033664-00		Step Board Radiator	스텝 보드 방열판	2	
O-34	GP-033665-02		Step Board FET Radiator(A)	스텝 보드 FET 방열판 (A)	2	
O-35	GP-033666-02		Step Board FET Radiator(B)	스텝 보드 FET 방열판 (B)	2	
O-36	07-004S-SM5S		Screw(M4×L10)	FET 방열판 고정나사 (SET)	8	
O-37	10-002S-SW66		Screw(M3×L8)	FET 고정나사 (SET)	24	
O-38	GP-033668-03		SMD FET Ragiator(A)	SMD FET 방열판 (A)	10	Nov.25.10
O-39	GP-037108-01		SMD FET Ragiator(B)	SMD FET 방열판 (B)	2	Nov.25.10
O-40	10-004M-SW66		Screw(M3×L8)	SMD FET 방열판 고정나사	6	
O-41	GP-033667-00		FET Radiator Sheet	FET 방열시트	4	
O-42	GP-007198-00		SMD FET Radiator Sheet	SMD FET 방열시트	4	
O-43	08-002M-SW67		Step Board Stud(A)(3-5-10)	스텝 보드 스터드 (A)	10	
O-44	10-012M-PT10		Step Board Stud(B)(3-5-15)	스텝 보드 스터드 (B)	10	
O-45	10-004M-SW68		Screw(M3×L5)	스텝 보드 고정나사	20	
O-46	EA-000113-00		Step Board Fan	스텝 보드 Fan	2	
O-47	01-017C-DU33		Screw(M4×L25)	스텝보드 Fan 고정나사	8	
O-48	SC-000507-00		Screw(M3.5×L6)	스텝 보드 브라켓 고정나사	2	
O-49	GP-033661-05		Digital Board Bracket	디지털 보드 브라켓	1	Feb.03.10
	GP-033661-04		Digital Board Bracket	디지털 보드 브라켓	1	Aug.20.09
O-50	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
O-51	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사	2	
O-52	BD-000644-15		Digital Board	디지털 보드	1	Oct.18.11
	BD-000644-14		Digital Board	디지털 보드	1	Nov.01.10
	BD-000644-11		Digital Board	디지털 보드	1	Apr.13.09



Control Box Mechanism

컨트롤 박스 관계



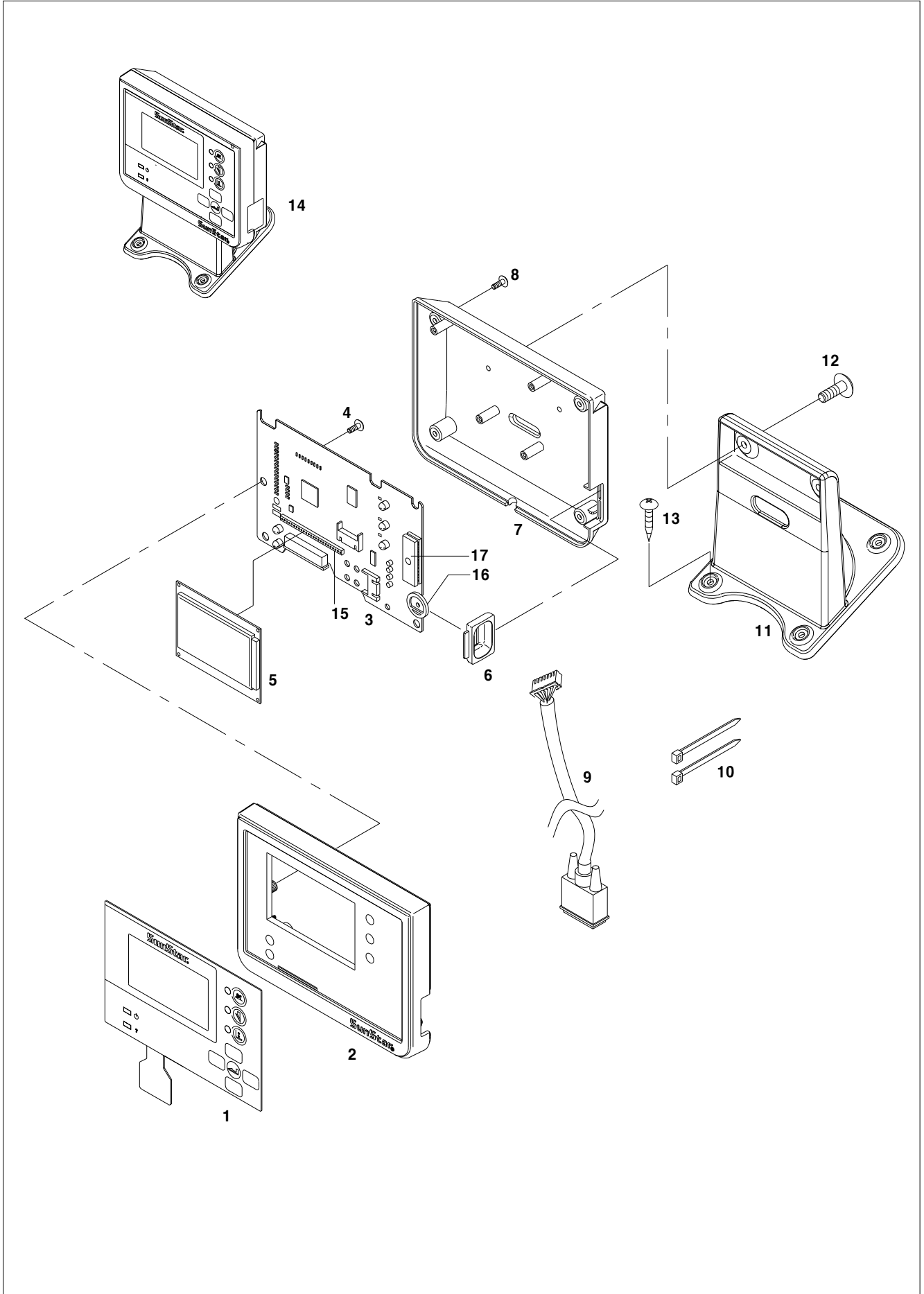


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
O-53	GP-013439-00		SMD FET Ragiator Sheet	디지털 보드 FET 방열시트	1	
O-54	SC-001099-00		Screw(M3×L7)	디지털 보드 고정나사 (SET)	4	
O-55	GP-006318-03		Step Board Radiator	스텝 보드 방열판	2	
O-56	BD-000719-04		Step Board (A)	스텝 보드 (A)	1	Nov.01.10
	BD-000719-01		Step Board (A)	스텝 보드 (A)	1	Apr.13.09
O-57	BD-000645-05		Step Board (B)	스텝 보드 (B)	1	Npv.01.10
	BD-000645-02		Step Board (B)	스텝 보드 (B)	1	Apr.13.09
O-58	GP-007196-00		Step Board FET Radiator	스텝 보드 FET 방열판	3	
O-59	SC-000683-00		Screw(M4×L10)	FET 방열판 고정나사 (SET)	6	
O-60	10-002S-SW66		Screw(M3×L8)	FET 고정나사 (SET)	16	
O-61	GP-007197-00		SMD FET Radiator	SMD FET 방열판	2	
O-62	10-004M-SW68		Screw(M3×L5)	SMD FET 방열판 고정나사	2	
O-63	GP-007198-00		SMD FET Radiator Sheet	SMD FET 방열시트	4	
O-64	GP-033673-02		Step Board Stud(A)(3-5-5)	스텝 보드 스테드 (A)	10	Nov.25.10
O-65	08-002M-SW67		Step Board Stud(B)(3-5-10)	스텝 보드 스테드 (B)	10	
O-66	10-004M-SW68		Screw(M3×L5)	스텝 보드 고정나사	12	
O-67	EA-000113-00		Step Board Fan	스텝 보드 Fan	2	
O-68	01-017C-DU33		Screw(M4×L25)	스텝 보드 Fan 고정나사	8	
O-69	SC-000507-00		Screw(M3.5×L6)	디지털 보드 브라켓 고정나사	2	
O-70	GP-008670-05		Main Board Bracket	주축 보드 브라켓	1	Feb.03.10
O-71	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
O-72	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사	2	
O-73	BD-000441-02		Main Board	주축 보드	1	
O-74	GP-007203-00		Main Board Radiator	주축 보드 방열판	1	
O-75	10-012M-PT10		Main Board Stud	주축 보드 스테드	3	
O-76	01-003S-2070		Screw(M4×L16)	브릿지다이오드 고정나사 (SET)	1	
O-77	07-004S-SM5S		Screw(M4×L10)	IPM 고정나사(Set)	2	
O-78	10-002S-SW66		Screw(M3×L8)	주축 보드 고정나사 (SET)	4	
O-79	SC-000507-00		Screw(M3.5×L6)	주축 보드 브라켓 고정나사	2	
O-80	07-004S-SM5S		Screw(M4×L10)	후면커버 접지나사(Set)	1	
O-81	GP-008660-01		Cable Cover	케이블 커버	1	
O-82	10-003M-PT01		Screw(M4×L8)	케이블 커버고정나사	4	
O-83	GP-033669-00		Step Board Sticker(A)	스텝 보드 스티커 (A)	1	
O-84	GP-033670-00		Step Board Sticker(B)	스텝 보드 스티커 (B)	1	
O-85	GP-033671-00		Digital Board Sticker	디지털 보드 스티커	1	
O-86	GP-033672-00		Main Board Sticker	주축 보드 스티커	1	
O-87	GP-047599-00		QC Passed Sticker	QC Passed 스티커	1	Nov.04.09
O-88	GP-013874-00		Voltage Sticker	전압시양 스티커	1	
O-89	09-012S-CE53		Earth Sticker	어스 스티커	1	
O-90	04-001C-SE50		Screw(ST5×L16)	콘트롤 박스 고정나사 (A)	4	
O-91	10-001M-PT01		Screw(M6×L45)	콘트롤 박스 고정나사 (B)	4	
O-92	10-003S-SW66		Spring Washer(M6)	스프링 와셔	4	
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P

Operation Unit Mechanism

오퍼레이션 유닛 관계



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GP-033660	Step Board Bracket	51	O-29	PPN-AF0001	Spring Pin	41	K-7	PSC-FA0001	Stud for Litter Lever Shaft (3/16", n=32)	17	D-26
GP-033661	Digital Board Bracket	51	O-49	PSC-AA0012	Bolt(M10xL70)	47	N-45	PSN-AA0003	Nut (M10xP1.5)	7	A-34
GP-033662	Upper Frame	51	O-11	PSC-AC0001	Screw (M5xP0.8)	11	B-17	PSN-AA0003	Nut(M10)	47	N-48
GP-033663	Lower Frame	51	O-13	PSC-AC0008	Screw (M4xP0.7)	17	D-50	PSN-AA0012	Nut (M4xP0.7)	9	A-74
GP-033664	Step Board Radiator	51	O-33	PSC-AC0008	Screw (M4xP0.7)	21	E-5	PSN-AA0012	Nut(M4)	47	N-43
GP-033665	Step Board FET Radiator(A)	51	O-34	PSC-AC0008	Screw (M4xP0.7, L12)	23	F-9	PSN-AA0012	Stopper Screw A Nut (M4)	13	B-70
GP-033666	Step Board FET Radiator(B)	51	O-35	PSC-AC0008	Screw (M4xP0.7, L12)	23	F-15	PSN-AA0021	Nut	25	F-59
GP-033667	FET Radiator Sheet	51	O-41	PSC-AC0009	Screw (M3xP0.5, L15)	23	F-5	PSN-AA0021	Nut (M5)	27	G-51
GP-033668	SMD FET Ragiator(A)	51	O-38	PSC-AC0010	Bolt (M5xP0.8xL10)	47	N-33	PSN-AA0021	Tention Adjusting Nut for Timing Belt	37	I-63
GP-033669	Step Board Sticker(A)	53	O-83	PSC-AC0012	Fixing Bolt (M6xP1.0) A	17	D-2	PSN-AG0001	Cap Nut	25	F-62
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GP-033671	Digital Board Sticker	53	O-85	PSC-AC0012	Screw (M6xP1.0)	27	G-44	PSR-AB0003	Idler C-Ring (φ30)	11	B-32
GP-033672	Main Board Sticker	53	O-86	PSC-AC0012	Screw (M6xP1.0)	27	G-56	PSR-AB0004	Idler Pulley C-Ring (φ20)	11	B-40
GP-033673	Step Board Stud(A)(3-5-5)	53	O-64	PSC-AC0012	Zigzag Lever Bolt (M6xP1.0)	21	E-18	PSR-AC0002	E-Ring	27	G-42
GP-033674	Rear Cover	51	O-22	PSC-AC0015	Fixing Bolt for Feed Plate (M4xP0.7)	35	I-41	PSR-AC0002	E-Ring (φ5)	41	K-28
GP-034517	Opening Plate A	31	H-43	PSC-AC0015	Fixing Bolt for Return Cam Support Plate	35	I-35	PSR-AC0005	E-Ring	17	D-24
GP-035769	Feed Plate (K)	35	I-39	PSC-AC0015	Screw (M4xP0.5)	35	I-36	PSR-AC0005	E-Ring	23	F-53
GP-036127	Spanner for Adjusting Spring	47	N-31	PSC-AC0015	Screw (M4xP0.7)	13	B-66	PSR-AG0001	G-Ring	17	D-39
GP-036138	Feed Plate for 120mm	35	I-40	PSC-AC0015	Screw (M4xP0.7)	17	D-9	PTC-AC0001	Cable Tie (M)	47	N-23
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PBR-AA0017	Idler Pulley Bearing	11	B-39	PSC-AC0056	Screw (M5xP0.8)	25	F-65	PWS-AA0021	Washer	41	K-24
PBR-AA0031	Low Shaft Bearing(M)	15	C-7	PSC-AC0056	Screw (M5xP0.8)	35	I-2	PWS-AA0030	Washer	43	L-25
PBR-AA0032	Bearing (6002ZZ)	15	C-4	PSC-AC0056	Screw for Lower Thread Trimming Motor (M5xL12)	31	H-7	PWS-CA0001	Spring Washer	23	F-4
PBR-AA0058	Upper Shaft Bearing (FF) (6804ZZNR)	11	B-9	PSC-AC0056	Screw(M5xP0.8)	31	H-17-11	PWS-CA0003	Spring Washer	7	A-33
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PBR-AA0061	Idler Bearing (6200ZZ)	11	B-33	PSC-AC0073	Screw (M3xP0.5, L15)	23	F-2	SC-000410	Screw(M4xL12)	55	P-12
PBR-AA0062	Bearing (MR148ZZ)	13	B-80	PSC-BA0001	Screw(M3xP0.5 L=8)	31	H-17-14	SC-000411	Screw(ST4xL16)	55	P-13
PBR-AA0063	Bearing (685ZZ)	13	B-79	PSC-BD0004	Screw (M5xP0.8)	23	F-50	SC-000459	Screw(ST3xL8)	55	P-8
PBR-AA0064	Bearing (698VV)	13	B-76	PSC-BD0007	Screw(M3xP0.5 L=8)	17	D-52-1	SC-000507	Screw(M3.5xL6)	51	O-48
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PBR-AA0066	Bearing (MR126ZZ)	21	E-14	PSC-BD0007	Screw(M3xP0.5 L=8)	25	F-72	SC-000507	Screw(M3.5xL6)	53	O-79
PBR-AA0067	Bearing (MF126ZZ)	21	E-17	PSC-BD0007	Screw(M3xP0.5 L=8)	39	J-44-1	SC-000656	Screw(M5xL10)	51	O-17
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PBR-AA0073	Bearing(F606ZZ)	23	F-10	PSC-BH0008	Screw (M4xP0.7xL27)	9	A-73	SC-001099	Screw(M3xL7)	53	O-54
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PPK-BA0009	O-Ring	27	G-38	PSC-DA0001	Screw	9	A-83	-	Table Drawer	45	M-3

