



PARTS BOOK

SPS/E-1507 Series

Electronically Controlled
Pattern Sewing Machine

PME-100510

SunStar CO., LTD.

From the library of: Superior Sewing Machine & Supply LLC

Information

A. Parts Book 구성

Structure of Part Book

①

A Arm, Bed & Machine Body Mechanism
바, 부드 및 의장품 관계

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Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Assembly No.
A-1	01-1284(-03)		Arm	바몸	1	
A-2	01-1007(-06)		Bed	바드	1	
A-4	01-0210(-00)		Face Plate	바면판	1	
A-5	01-0208(-12H)		Face Plate Gasket	바면판 가스켓	1	
A-6	01-1174(-4122)		Screw(L)H4*mm(2)	볼트H4	10	
A-7	01-1101(-123D)		Rubber Cap For Face Plate	바면판 고무뚜껑	2	
A-9	01-001M(-123D)		Caution (SScrew)	경고 스크류	1	
A-8	01-01197(-00)		Turn-up Lever Cover	날카기 H4H	1	
A-10	01-0203(-00)		Screw(H)H4*mm(2)	볼트H4H(사우)	1	
A-11	01-0174(-00)		Bed Cover(L)	바드 커버(좌)	1	
A-12	01-0144(-123H)		Bed Cover (Gasket,L)	바드 커버 가스켓(좌)	1	
A-13	01-0243(-123D)		Screw(L)H4*mm(2)	볼트H4(사우)	14	
A-13-1	45-0244(-1000)		Washer	와셔	2	
A-14	01-0175(-123D)		Bed Cover(R)	바드 커버(우)	1	
A-15	01-0176(-123H)		Bed Cover (Gasket,R)	바드 커버 가스켓(우)	1	
A-16	440211(-100H)		Tank Rubber Cap	고유 탱크 고무뚜껑	1	
A-17	01-0274(-123D)		Thread Guide with Three Poles	세극통 실압리(조)	15Set	
A-19	01-0210(-123D)		Thread Guide(L)	실압 리(조)	1	
A-20	01-0210(-123D)		Thread Guide(R)	실압 리(조)	3	
A-21	01-0300(-123D)		Thread Guide(H)	실압 리(조)	1	
A-22	01-0643(-00)		Arm Thread Guide Assy	바면판 실압리(조)	1	
A-23	11-0175(-752D)		Nut	너트	1	
A-24	01-0210(-123H)		Thread Guide(L)	실압 리(조)	1	
A-25	010275(-100H)		Silicon Tank Assy	실리콘 탱크 유닛(조)	15Set	
A-26	010206(-100H)		Silicon Tank	실리콘 탱크 유닛	1	
A-27	010206(-100H)		Silicon Oil Window	실리콘 유닛	1	
A-28	010240(-100H)		Silicon Part	실리콘 유닛 유닛	1	
A-29	01-1305(-00)		Part for Silicon Oil Supply	실리콘 유닛 유닛	1	
A-30	01-0210(-123D)		Screw(L)H4*mm(2)	볼트H4	1	
A-31	04-1241(-123D)		Arm Upper Part Rubber Cap	바면판 상부 고무 뚜껑	2	
A-33	04-0210(-123H)		Needle Bar Rubber Cap	바늘봉 고무 뚜껑	1	
A-34	01-0431(-442L)		Rubber Cap(L)	고유 바(좌)	4	
A-35	44-0211(-742D)		Rubber Cap(R)	고유 바(우)	7	
A-36	01-0175(-123D)		Bed Rubber	바드 고무	1	
A-37	01-0191(-00)		Washer (Sticker,H)	와셔 스티커-H(바면판)	1	
A-38	01-0191(-00)		M Washer (Sticker,M)	와셔 스티커-M(바면판)	1	
A-39	01-0192(-00)		L Washer (Sticker,L)	와셔 스티커-L(바면판)	1	
A-40	01-0192(-00)		K Washer (Sticker,K)	와셔 스티커-K(바면판)	1	
A-41	01-0210(-123D)		Screw(L)H4*mm(2)	볼트H4(사우)	2	
A-42	01-0210(-123H)		Tap Cover	탭 커버	1	
A-43	41-101A(-123H)		Silicon Winder Assy	실압리(조)	15Set	
A-44	41-1001(-123H)		Silicon Winder (Base Assy)	실압리 유닛(조)	1	
A-45	41-100A(-123H)		Silicon Winder (Shaft)	실압리 유닛	1	
A-46	01-0210(-123D)		Screw(L)H4*mm(2)	볼트H4(사우)	1	
A-47	01-0210(-123D)		Screw(M)	볼트H4	1	
A-48	41-1000(-123H)		Silicon Winder	실압리 유닛	1	
A-49	01-0104(-550T)		Screw(L)H4*mm(2)	볼트H4	2	
A-50	41-1000(-123H)		Silicon Winder Action Ring	실압리 유닛 링	1	
A-51	41-1000(-123H)		Silicon Winder Shaft Rubber Ring	실압리 유닛 고무링	1	
A-52	41-1001(-123H)		Silicon Winder (Shaft)	실압리 유닛	1	
A-53	41-1001(-123H)		Silicon Winder Adjusting Plate	실압리 조정판	1	
A-54	01-0130(-123D)		Screw(L)H4*mm(2)	볼트H4(사우)	1	
A-55	01-0118(-123D)		Washer	와셔	1	
A-56	41-1001(-123H)		Silicon Winder Lower (Shaft)	실압리 유닛 하	1	
A-57	41-1001(-123H)		Silicon Winder Adjusting Term	실압리 조정판	1	
A-58	010210(-4113)		Screw(M)H4*mm(2)	볼트H4	1	

Note: H=Heavy Material(중량재), M=Medium Material(중량재), M=Plastic Heavy Material(중량재)
L=Light Material(저중량재), K=Soft Material(부드러운), EL=Large Shruble Hole(대 구멍)
7

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-1230	
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.

Pattern S/M Model 패턴 기종 구분

SPS/E-□□-HS-10

Sunstar Pattern System
썬스타 패턴 시스템

Series
시리즈

Sewing Area (XxY)
봉제범위 구분
1507 : 150mm x 70mm

Material Type 용도 구분
G:General Material (일반용)
H:Heavy Material (후물용)
E:Ultra Heavy Material
(극후물용)

Feed Frame Type
피이드 판 구분

- 10:Magnet-driven feed plate
(전자식)
- 20:Pneumatic Monolithic Feed Plate
(공압식 일체형 피이드 판)
- 22:Pneumatic Separately-Driven Feed Plate (공압식 분리형 피이드 판)
(22-1:Pneumatic separatelydriven feeding frame with two step stroke device)
(공압식 2단 스트로크 분리형 피이드 후레임)
- 23:Pneumatic separately-driven feeding frame with inverting clamp device
(공압식 반전장치 부착 분리형 피이드 후레임)

Stitch Type 사양 구분
S:Standard Stitch
P:Perfect Stitch

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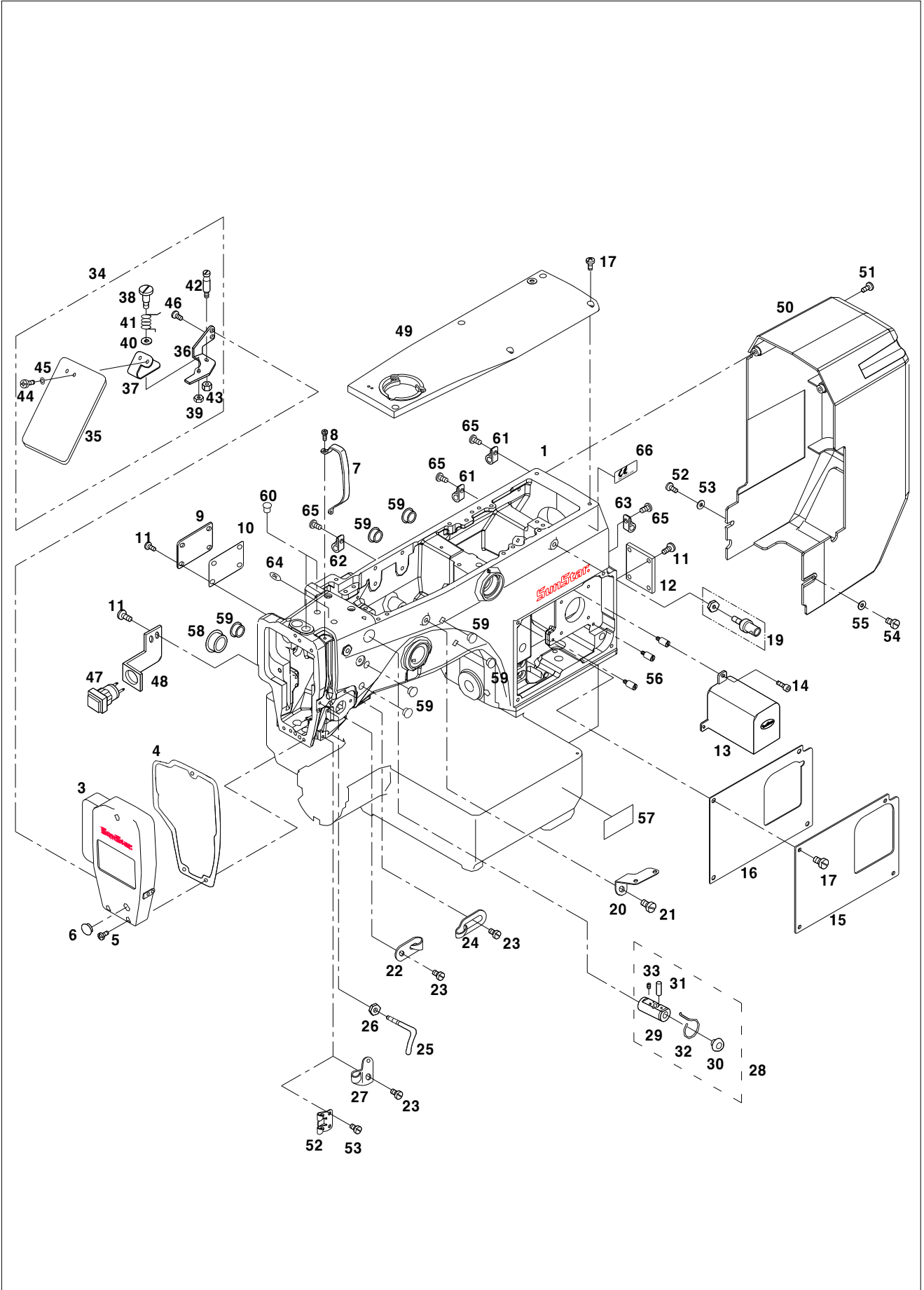
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A

Machine Body (1) Arm & Machine Body Parts

외장 관계(1) 암 및 외장품 관계

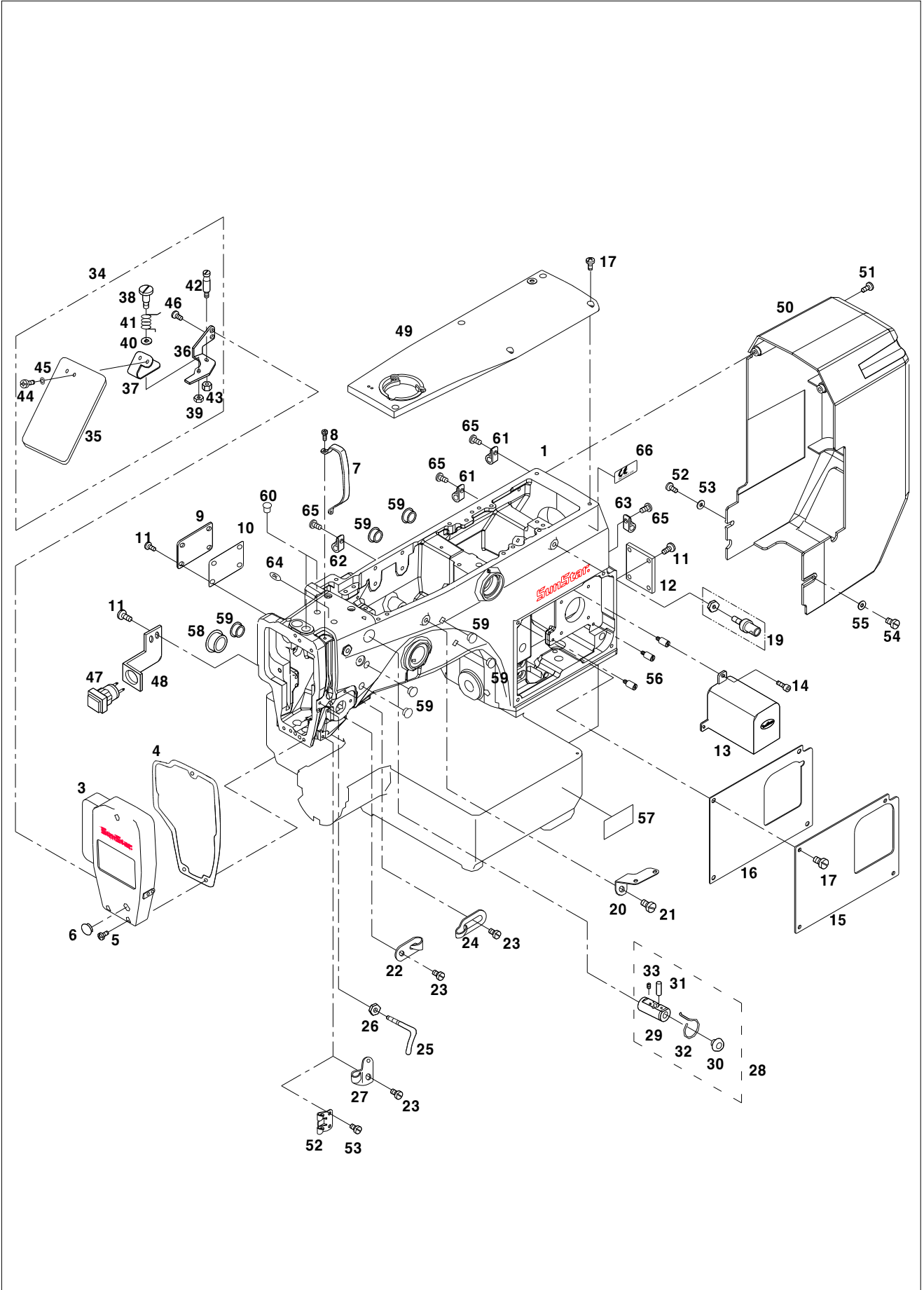


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
A-1	CAB-AA001201		Arm	아암	1	
A-3	CMB-LA002300		Face Plate	면판	1	
A-4	01S008S-306H		Face Plate Gasket	면판 가스켓	1	
A-5	DSC-BJ000200		Screw(11/64"n=40)	면판 첩나사(11/64"n=40)	3	
A-6	DPK-CB000200		Rubber Cap For Face Plate	면판 고무마개	1	
A-7	CMB-LA000100		Thread Take Up Cover	실채기 커버	1	
A-8	DSC-BJ000300		Screw(9/64"n=40)	실채기 커버 첩나사(9/64"n=40)	1	
A-9	CMB-LB000100		Left Cover	좌측 커버	1	
A-10	CMB-FC000200		Left Cover Gasket	좌측 커버 가스켓	1	
A-11	DSC-BJ000200		Screw(11/64"n=40)	커버 첩나사(11/64"n=40)	10	
A-12	CMB-LB002000		Rear Cover	후면 커버	1	
A-13	CMB-LA002400		Y-Stepping Motor Cover	Y-스텝핑 모터 커버	1	
A-14	DSC-BG000100		Screw(9/64"n=40)	Y-스텝핑 모터 커버 첩나사(9/64"n=40)	3	
A-15	CMB-LB001900		Right Cover	우측 커버	1	
A-16	GP-001904-00		Right Cover Gasket	우측 커버 가스켓	1	
A-17	DSC-BF000300		Screw(3/16"n=28)	우측 커버 첩나사(3/16"n=28)	10	
A-18	CMB-LD000200		Caution Sticker	경고 스티커	1	
A-19	CMB-HK000800		Thread Guide(A) Ass'y	실안내(A) (조)	1	
A-20	CMB-HK000900		Thread Guide(B)	실안내(B)	1	
A-21	DSC-BF000400		Screw(15/64"n=28)	실안내(B) 첩나사(15/64"n=28)	1	
A-22	CMB-HK000200		Thread Guide(L)	실안내(좌)	1	
A-23	DSC-BA000100		Screw(9/64"n=40)	실안내(좌) 첩나사(9/64"n=40)	3	
A-24	CMB-HK000600		Thread Guide(R)	실안내(우)	1	
A-25	CMB-HK001100		Arm Thread Guide	암 실안내 결이(조)	1	
A-26	DSN-AA000700		Thread Guide Nut	실안내 결이 고정너트(15/64"n=28)	1	
A-27	CMB-HK000700		Thread Guide(U)	실안내(하)	1	
A-28	AMB-PS000200		Silicon Tank Ass'y	실리콘 급유 탱크(조)	1Set	
A-29	CMB-JB000100		Silicon Tank	실리콘 탱크	1	
A-30	CMB-JJ000100		Silicon Oil Window	실리콘 유창	1	
A-31	CMB-JL000101		Silicon Felt	실리콘 급유 헬트	1	
A-32	CMB-BH000100		Felt Holder For Silicon Oil Supply	실리콘 급유 헬트 잡이	1	
A-33	DSC-CB000300		Screw(11/64"n=40)	고정나사(11/64"n=40)	1	
A-34	01S043S-306H		Safety Plate Ass'y	안전판(조)	1Set	
A-35	CMB-BJ000100		Safety Plate	안전판	1	
A-36	CMB-BB000100		Safety Bracket	안전판 브라켓	1	
A-37	CMB-BG000100		Safety Plate Holder	안전판 홀더	1	
A-38	DSC-FA000100		Safety Plate Hinge Screw	안전판 단나사	1	
A-39	DSN-AA000300		Nut(11/64"n=40)	너트(11/64"n=40)	1	
A-40	DWS-AA000400		Washer	와셔	1	
A-41	DSP-AC000100		Safety Plate Spring	안전판 스프링	1	
A-42	DSC-HD000100		Safety Plate Spring Hook	안전판 스프링 결이	1	
A-43	DSN-AA000200		Nut(3/16"n=28)	너트(3/16"n=28)	1	
A-44	DSC-BJ000200		Screw(11/64"n=40)	안전판 첩나사(11/64"n=40)	2	
A-45	DWS-AA000500		Washer	와셔	2	
A-46	DSC-BJ000200		Screw(11/64"n=40)	안전판 브라켓 첩나사(11/64"n=40)	2	
A-47	GP-019553-00		Pause Switch	비상 스위치	1	
A-48	CMB-BB000200		Pause Switch Bracket	비상 스위치 브라켓	1	
A-49	CMB-LA002100		Top Cover	윗 뚜껑	1	
A-50	CMB-LA002200		Motor Cover	모터 커버	1	
A-51	DSC-BF001200		Screw(15/64"n=28)	모터커버 첩나사 A(15/64"n=28)	2	
A-52	CMB-HK001300		Arm Thread Guide(L)	암 실안내(하)	1	
A-53	DSC-BJ001300		Screw(9/64"n=40)	암 실안내 고정나사	2	
A-54	DSC-BF003100		Screw(15/64"n=28)	첩나사B(15/64"n=28)	1	
A-55	04-004W-1600		Washer	첩나사B 와셔	1	
A-56	DSC-HB000800		Cover Support Bar	커버 지지봉	3	
A-57	CMB-LD000900		Model Mark	모델 마크	1	
A-58	DPK-CB000100		Rubber Cap	암 좌측 고무마개(大)	1	

A

Machine Body (1) Arm & Machine Body Parts

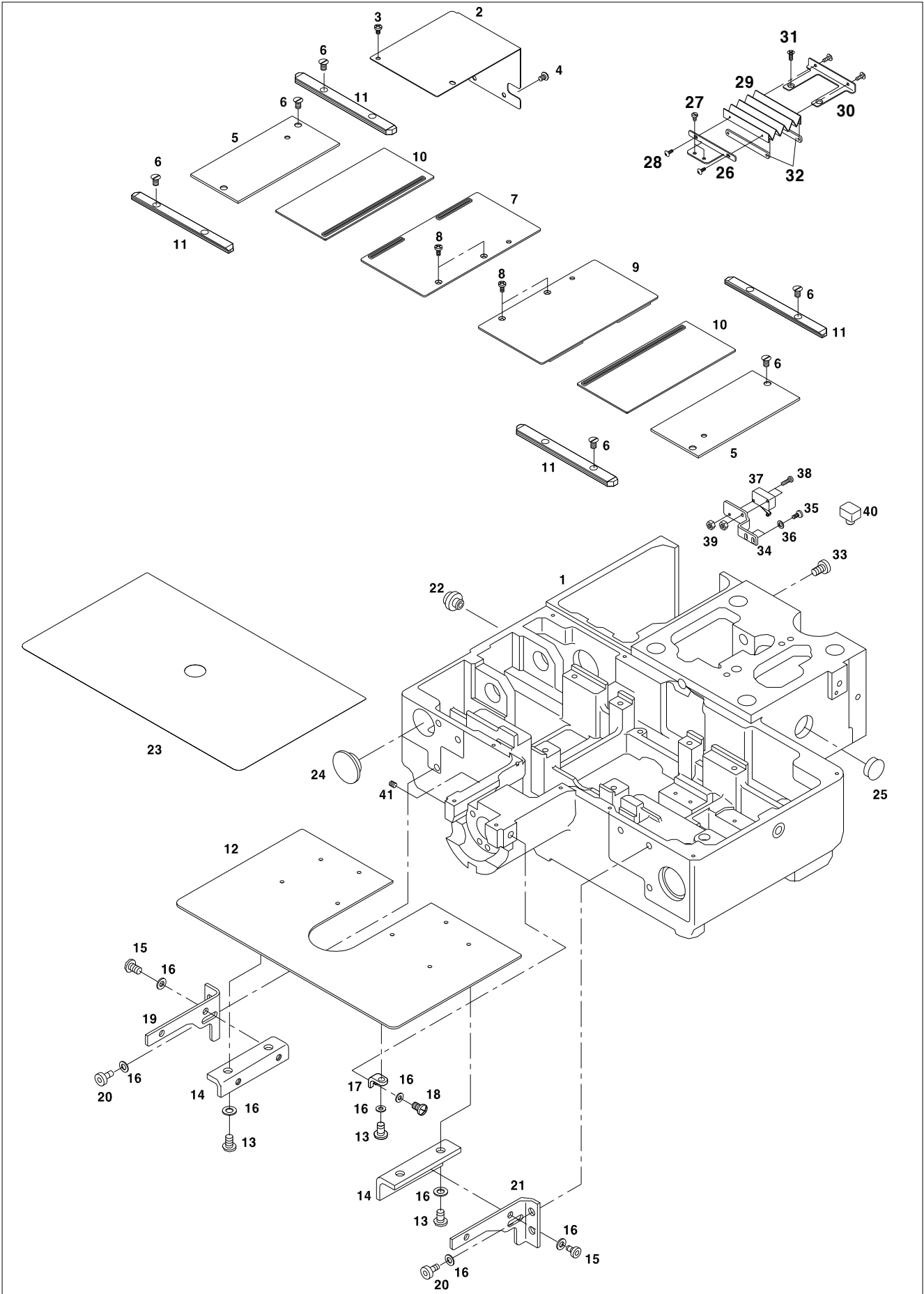
외장 관계(1) 암 및 외장품 관계



B

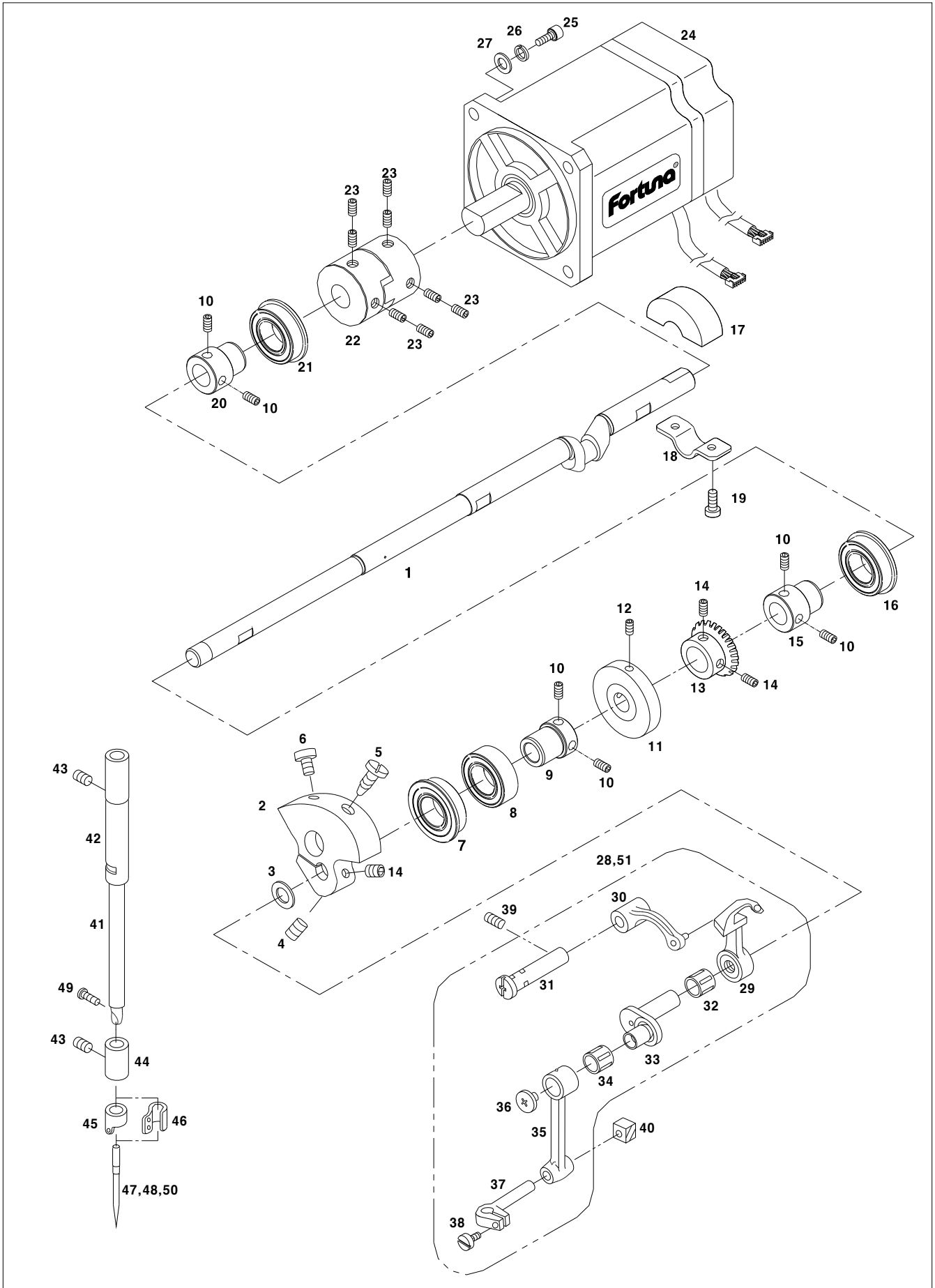
Machine Body (2) Bed & Machine Body Parts

외장 관계(2) 베드 및 외장품 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
B-1	CAB-AB001000		Bed	베드	1	
B-2	CMB-LB002100		X-Motor Cover	X-구동 모터 커버	1	
B-3	DSC-BJ000200		Screw(11/64"n=40)	X-구동 모터 커버 침나사A(11/64"n=40)	2	
B-4	PSC-BD000200		Screw(M5×P0.8)	X-구동 모터 커버 침나사B침나사(M5×P0.8)	2	
B-5	CMB-LB002200		Bed Cover	베드 커버	2	
B-6	DSC-BB000400		Screw(11/64"n=40)	베드 커버 침나사 (11/64"n=40)	12	
B-7	CMB-LB002400		X-Fixed Cover(L)	X-고정커버(좌)	1	
B-8	PSC-BB000400		Screw(M5×P0.7)	X-고정커버 침나사(M4×P0.7)	4	
B-9	CMB-LB002500		X-Fixed Cover(R)	X-고정커버(우)	1	
B-10	CMB-LB002300		X-Moving Cover	X-이송 커버	2	
B-11	CMB-BP000200		X-Moving Cover Guide Rail	X-이송 커버 안내 레일	4	
B-12	CMB-LB002602		Needle Plate Support Cover	침판 지지 커버	1	
B-13	SC-0317-7400		Screw(11/64"n=40)	침판 지지 커버 침나사(11/64"n=40)	6	
B-14	CMB-BB002600		Support Cover Adjusting Plate	침판 지지 커버 조정판	2	
B-15	DSC-BF002200		Screw(M5×P0.8)	침판 지지 커버 조정판 침나사(M5×P0.8)	4	
B-16	PWS-AA000400		Washer	침판 지지 커버 조정판 침나사 와셔	16	
B-17	CMB-BB000500		Support Cover Bracket A	침판 지지 커버 브라켓A	2	
B-18	DSC-BF000600		Screw(3/16"n=28)	브라켓A 침나사(3/16"n=28)	2	
B-19	CMB-BB002400		Support Cover Bracket(L)	침판 지지 커버 브라켓"좌"	1	
B-20	PSC-AC000900		Screw(M5×P0.8)	브라켓 침나사(M5×P0.8)	4	
B-21	CMB-BB002500		Support Cover Bracket(R)	침판 지지 커버 브라켓"우"	1	
B-22	CMB-FD000500		Bed Rubber	베드 고무	2	
B-23	CMB-LF000401		Support Cover Coating Film	침판 지지 커버 코팅 필름	1	
B-24	DPK-CA000300		Bed Front Part Rubber Cap	Bed 전면 고무마개	1	
B-25	DPK-CB000100		Bed Right Part Rubber Cap	Bed 우측 고무마개	1	
B-26	CMB-BB002801		Bellows Fixed Plate	벨로우즈 고정판	1	
B-27	DSC-BC000100		Screw(9/64"n=40)	벨로우즈 고정판 침나사(9/64"n=40)	2	
B-28	PSC-BA000400		Screw(M5×P0.5)	벨로우즈 고정판(후) 고정나사(M3×P0.5)	4	
B-29	DTC-AJ000300		Bellows	벨로우즈	1	
B-30	CMB-BB002700		Bellows Bracket	벨로우즈 브라켓	1	
B-31	PSC-BB000400		Screw(M5×P0.7)	벨로우즈 브라켓 고정나사(M4×P0.7)	2	
B-32	CMB-BJ001500		Bellows Fixed Plate(R)	벨로우즈 고정판(후)	2	
B-33	PSC-AC002700		Screw(M5×L8)	어스션 고정나사(M5×L8)	1	
B-34	CMB-BB002300		Safety Switch Bracket	안전 스위치 브라켓	1	
B-35	DSC-BJ000200		Screw(11/64"n=40)	안전 스위치 브라켓 침나사(11/64"n=40)	2	
B-36	DWS-AA001100		Washer	안전 스위치 브라켓 침나사 와셔	2	
B-37	GP-002108-00		Safety Switch	안전 스위치	1	
B-38	03071SC-A001		Screw(M3×L15)	안전 스위치 침나사(M3×L15)	2	
B-39	PSN-AA002400		Nut(M3)	안전 스위치 너트(M3)	2	
B-40	CST-FD000600		Support Rubber Safety Switch	안전 스위치 받침 고무	1	
B-41	SC-0317-7400		Hook Oil Adjust Screw	훅 급유량 조절나사	1	



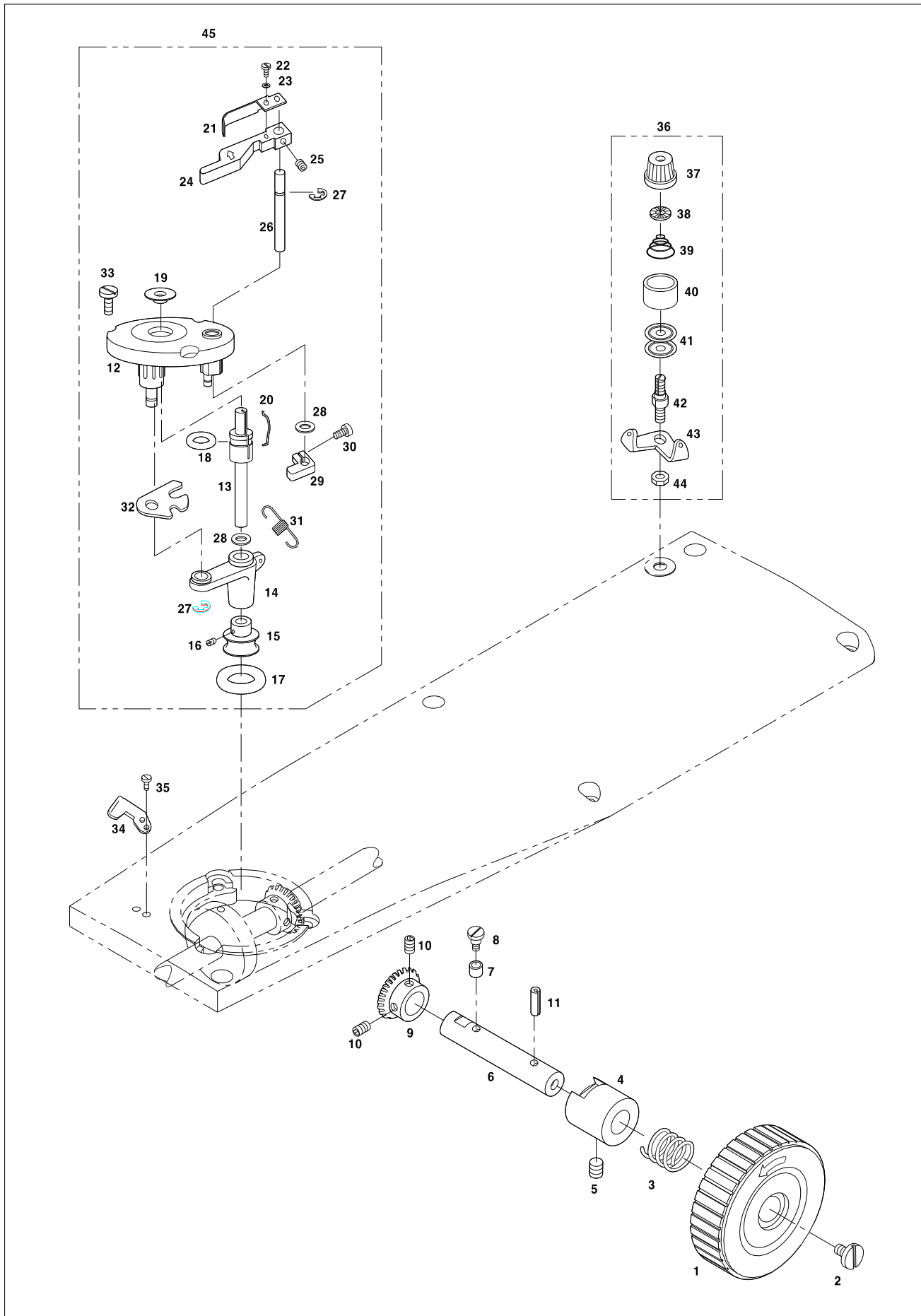


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
C-1	CUS-KG000500		Upper Shaft	상축	1	
C-2	CUS-DA000100		Link Cam	링크 캠	1	
	CUS-DA000200	ES	Link Cam	링크 캠(극후물용)	1	
C-3	DWS-AA000100		Link Cam Washer	링크 캠 와셔	1	
C-4	DSC-BF000700		Screw(15/64"n=28)	침나사(15/64"n=28)	1	
C-5	DSC-BJ000100		Screw(9/32"n=28)	침나사(9/32"n=28)	1	
C-6	DSC-BF000800		Screw(15/64"n=28)	침나사(15/64"n=28)	1	
C-7	PBR-AA000200		Upper Shaft Bearing(F) A	상축 전 베어링A	1	
C-8	PBR-AA000300		Upper Shaft Bearing(F) B	상축 전 베어링B	1	
C-9	DCL-AB000400		Upper Shaft Bearing Bushing(Front)	상축 베어링 붓싱(전)	1	
C-10	DSC-CB000400		Screw(1/4"n=40)	고정나사(1/4"n=40)	6	
C-11	CUS-CF000100		Bobbin Winder Driving Wheel	실감기 구동휠	1	
C-12	DSC-CB000100		Screw (M5×P0.8)	고정나사(M5×P0.8)	2	
C-13	DGR-AC000100		Hand Pulley Gear A	핸드 풀리 기어A	1	
C-14	DSC-CB000400		Screw(1/4"n=40)	기어 고정나사(1/4"n=40)	2	
C-15	DCL-AB000500		Upper Shaft Bearing Bushing(Middle)	상축 베어링 붓싱(중)	1	
C-16	PBR-AA000400		Upper Shaft Bearing(M)	상축 중 베어링	1	
C-17	CUS-DB000100		Crank Blancer	크랭크 밸런스	1	
C-18	CUS-BJ000100		Fix Plate For Crank Blancer	크랭크 밸런스 고정판	1	
C-19	DSC-BA000500		Screw (3/16"n=28)	밸런스 고정판 침나사(3/16"n=28)	2	
C-20	DCL-AB000600		Upper Shaft Bearing Bushing(Rear)	상축 베어링 붓싱(후)	1	
C-21	PBR-AA000500		Upper Shaft Bearing(R)	상축 후 베어링	1	
C-22	DCR-AD000200		Coupling	커플링	1	
C-23	PSC-CB000100		Screw (M6×1.0)	커플링 침나사(M6×P1)	8	
C-24	DMT-AB000100		Main Motor	주축모터	1	
	DMPD2-000002	ES	Main Motor(750W)	주축모터(750W)	1	
C-25	PSC-AC001000		Screw (M5×L25)	모터 침나사(M5×L25)	4	
C-26	DWS-CA000100		Spring Washer (Ø5)	스프링와셔	4	
C-27	DWS-AA000600		Washer (Ø5)	평와셔	4	
C-28	08S201S-306H		Thread Take-Up Lever Ass'y	실채기(조)	1Set	(조)
C-29	CTH-HJ000100		Thread Take-Up Lever	실채기	1	
C-30	CTH-CB000100		Thread Take-Up Lever Crank	실채기 크랭크	1	
C-31	DPN-AD000300		Thread Take-Up Lever Pin	실채기 핀	1	
C-32	08S511S-306H		Needle Bearing	실채기 크랭크 니들 베어링	1	
C-33	CTH-CJ000100		Needle Bar Crank	바늘대 크랭크	1	
C-34	PBR-BA000500		Needle Bearing	바늘대 크랭크 니들 베어링	1	
C-35	CTH-CC000100		Needle Bar Crank Rod	바늘대 크랭크 로드	1	
C-36	DSC-BF001600		Screw(9/64"n=40)	바늘대 크랭크 원나사(9/64"n=40)	1	
C-37	CNB-BF000100		Needle Bar Holder	바늘대 잡이	1	
C-38	DSC-BF001500		Screw(9/64"n=40)	바늘대 잡이 침나사(9/64"n=40)	1	
C-39	DSC-CB000500		Screw(15/64"n=40)	실채기 핀 침나사(15/64"n=40)	2	
C-40	CNB-CD000100		Needle Bar Guide Block	바늘대 안내 블록	1	
C-41	CNB-KA000100		Needle Bar	바늘대	1	
C-42	DBS-DA000200		Needle Bar Bushing(U)	바늘대 상 붓싱	1	
C-43	DSC-CB000300		Screw (M5×0.8)	붓싱 고정나사((M5×P0.8)	2	
C-44	04S104S-306H		Needle Bar Bushing(L)	바늘대 하 붓싱	1	
C-45	CNB-HK000100	HS	Thread Guide For Needle Bar(H)	바늘대 실안내(후물용)	1	
C-46	04S008S-306G	GS	Thread Guide For Needle Bar(G)	바늘대 실안내(일반용)	1	
C-47	006-00T-0011	HS	Needle(DP×17 #18)	바늘(후물용)(DP×17 #18)	1	
C-48	006-00T-0013	GS	Needle(DP×5 #14)	바늘(일반용)(DP×5 #14)	1	
C-49	DSC-BF000100		Screw(1/8"n=44)	바늘 침나사(1/8"n=44)	1	
C-50	-	ES	Needle(DP×17 #23)	바늘(극후물용)(DP×17 #23)	1	
C-51	08S101P-306H	ES	Thread Take-Up Lever	실채기(조) (극후물용)	1Set	

D

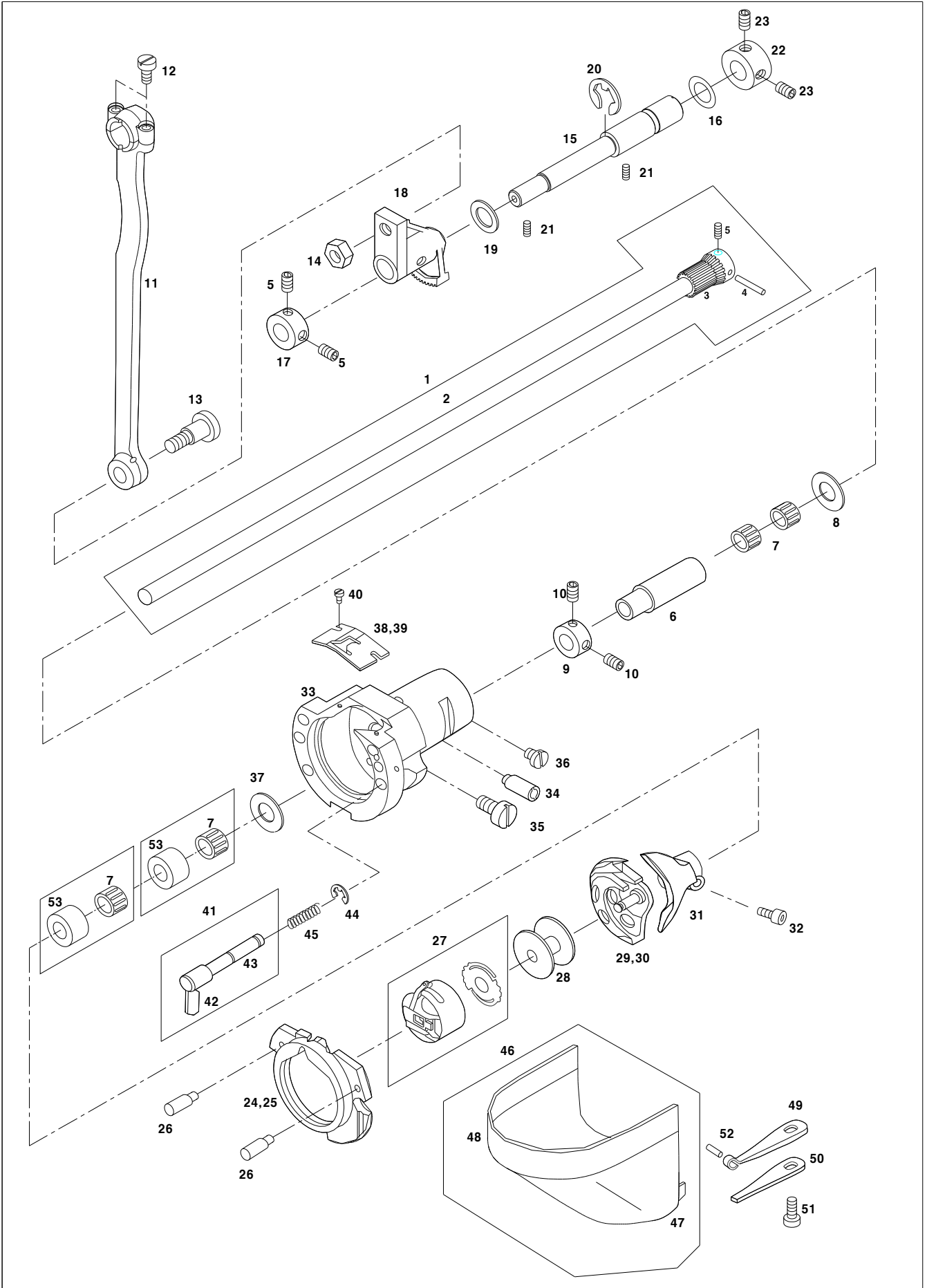
Bobbin Winder & Hand Pulley Mechanism

실감기 및 핸드 폴리 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
D-1	CHP-CP000100		Hand Pulley	핸드 풀리	1	
D-2	DSC-BF000200		Screw(15/64"n=28)	핸드 풀리 축 침나사(15/64"n=28)	1	
D-3	DSP-AA000100		Hand Pulley Spring	핸드 풀리 스프링	1	
D-4	DBS-DA000400		Hand Pulley Bushing	핸드 풀리 붓싱	1	
D-5	DSC-CB000500		Screw(15/64"n=28)	붓싱 고정나사(15/64"n=28)	1	
D-6	CHP-KZ000100		Hand Pulley Shaft	핸드 풀리 축	1	
D-7	CHP-CL000100		Hand Pulley Roller	핸드 풀리 로울러	1	
D-8	DSC-FA000200		Hand Pulley Roller Hinge Screw	핸드 풀리 로울러 단나사	1	
D-9	DGR-AC000100		Hand Pulley Gear B	핸드 풀리 기어 B	1	
D-10	DSC-CB000400		Screw(1/4"n=40)	기어 고정나사(1/4"n=40)	2	
D-11	PPN-AF000100		Spring Pin	스프링 핀(Ø4, L10)	1	
D-12	ABW-PS000200		Bobbin Winder Base Ass'y	실감기 베이스(조)	1Set	
D-13	CBW-KZ000100		Bobbin Winder Shaft	실감기 구동축	1	
D-14	CBW-BA000100		Bobbin Winder Action Body	실감기 작동체	1	
D-15	CBW-CP000100		Thread Winder Action Pulley	실감기 작동 풀리	1	
D-16	DSC-CB000300		Screw(11/64"n=40)	작동풀리 고정나사(11/64"n=40)	2	
D-17	CBW-FA000100		Thread Winder Action Ring	실감기 작동링	1	
D-18	CBW-FA000200		Bobbin Winder Shaft Rubber Ring	실감기 구동축 고무링	1	
D-19	CBW-BN000100		Bobbin Stand	보빈 스탠드	1	
D-20	CBW-BH000100		Bobbin Stopper	보빈 스토퍼	1	
D-21	CBW-BJ000200		Bobbin Winder Adjusting Plate	실감기 조정판	1	
D-22	DSC-BF001800		Screw(1/8"n=40)	조정판 고정나사(1/8"n=40)	1	
D-23	DWS-AA000200		Washer	고정나사 와셔	1	
D-24	CBW-CM000100		Bobbin Winder Lever	실감기 레버	1	
D-25	PSC-CB000200		Screw(M4×P0.7)	레버 고정나사(M4×P0.7)	1	
D-26	CBW-KC000100		Bobbin Winder Lever Shaft	실감기 레버축	1	
D-27	PSR-AC000200		E-Ring	E-링(호칭경 5)	2	
D-28	DWS-AA000400		Washer	와셔	3	
D-29	CBW-DZ000100		Thread Winder Adjusting Cam	실감기 조절캠	1	
D-30	PSC-AC000200		Screw(M4×L8)	조절캠 고정나사(M4×L8)	1	
D-31	DSP-AB000100		Thread Winder Spring	실감기 인장 스프링	1	
D-32	CBW-BJ000100		Thread Winder Action Plate	실감기 작동판	1	
D-33	DSC-BF001700		Screw(11/64"n=40)	실감기 베이스 고정나사(11/64"n=40)	3	
D-34	CMB-NB000100		Thread Winder Mes	실감기 메스	1	
D-35	DSC-BC000200		Screw(9/64"n=40)	메스 침나사(9/64"n=40)	2	
D-36	AMB-PS000300		Thread Tension Controler Ass'y	실감기 실장력 조절 장치(조)	1Set	
D-37	41S034S-306H		Thread Tension Nut	실감기 조절 캡 너트	1	
D-38	PSC-AC000200		Thread Tension Spring Stopper	실장력 조절 스프링 스토퍼	1	
D-39	DSP-BA000300		Thread Tension Spring	실장력 조절 스프링	1	
D-40	CTA-BD000200		Spring Cover	스프링 커버	1	
D-41	CTA-HL000100		Thread Tension Disk	실안내 접시	2	
D-42	CMB-HM000100		Thread Tension Adjusting Shaft(15/64"n=28)	실장력 조절축(15/64"n=28)	1	
D-43	CMB-HK001000		Thread Guide Plate	실 안내판	1	
D-44	DSN-AA000700		Nut	너트(15/64"n=40)	1	
D-45	41S101S-306H		Bobbin Winder Ass'y	실감기(조)	1Set	

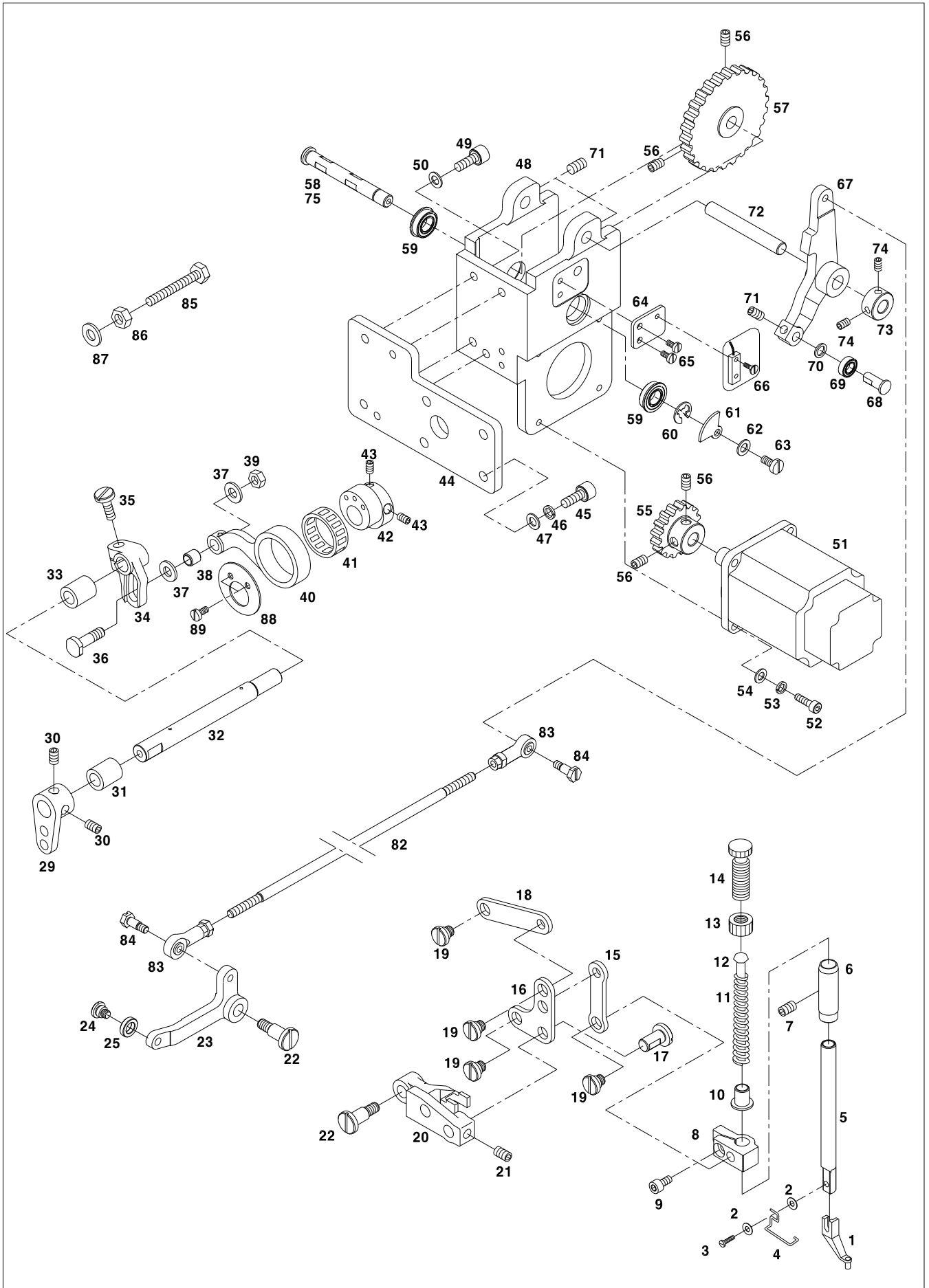


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
E-1	ALS-PS000400		Lower Shaft Ass'y	하축(조)	1Set	
E-2	CLS-KC000200		Lower Shaft	하축	1	
E-3	DGR-AA000100		Lower Shaft Gear	하축 기어	1	
E-4	PPN-AA000100		Taper Pin	테이퍼 핀	1	
E-5	DSC-CB000600		Screw(11/64"n=40)	하축 기어 고정나사(11/64"n=40)	1	
E-6	DBS-DA000500		Lower Shaft Rear Bushing	하축 후 붓심	1	
E-7	PBR-BA000200		Needle Bearing	하축 후 붓심 니들 베어링	4	
E-8	DWS-AA000800		Thrust Washer	하축 트러스트 와셔	1	
E-9	DCL-AA000400		Lower Shaft Collar	하축 카라	1	
E-10	DSC-CB000700		Screw(M5×P0.8)	카라 첩나사(M5×P0.8)	2	
E-11	07S111S-306H		Crank Rod	크랭크 로드	1	
E-12	DSC-BJ000400		Screw(11/64"n=40)	크랭크 로드 첩나사(11/64"n=40)	2	
E-13	07S013S-306H		Crank Rod Hinge Screw	크랭크 로드 단나사	1	
E-14	DSN-AA000500		Nut(1/4"n=40)	단나사 너트(1/4"n=40)	1	
E-15	CLS-KH000100		Oscillator Shaft	오실레이터 축	1	
E-16	PPK-BA000200		Oscillator Shaft O-Ring	오실레이터 축 O-링(Ø9)	1	
E-17	DCL-AA000200		Oscillator Shaft Collar(L)	오실레이터 축 카라(좌)	1	
E-18	DGR-AA000200		Oscillator Shaft Gear	요동축 기어	1	
E-19	DWS-AA000700		Washer	오실레이터 축 와셔	1	
E-20	PSR-AC000100		E-Ring	오실레이터 축 E-링(Ø9)	1	
E-21	DSC-CB000500		Screw(15/64"n=28)	오실레이터 축 고정나사(15/64"n=28)	2	
E-22	DCL-AA000300		Oscillator Shaft Collar(R)	오실레이터 축 카라(우)	1	
E-23	DSC-CB000400		Screw(1/4"n=40)	카라 고정나사(1/4"n=40)	2	
E-24	CHK-HQ000100	HS	Shuttle Race Ring	셔틀 레이스 링	1	
E-25	GP-007423-00	GS	Shuttle Race Ring(A)	셔틀 레이스 링(A)	1	
E-26	DPN-BB001100		Shuttle Race Ring Pin	셔틀 레이스 링 핀	2	
E-27	CHK-HC000100		Bobbin Case Ass'y	보빈 케이스(조)	1Set	
E-28	CHK-HB000100		Bobbin	보빈	1	
E-29	CHK-HA000100	HS	Shuttle(H)	셔틀(후물용)	1	
E-30	07S029S-306H	GS	Shuttle(G)	셔틀(일반용)	1	
E-31	CHK-HP000100		Shuttle Driver	셔틀 드라이브	1	
E-32	PSC-AC000300		Screw(M4×P0.7)	셔틀 드라이브 첩나사(M4×P0.7)	1	
E-33	CHK-BD000100		Shuttle(L)	셔틀(대)	1	
E-34	CHK-CH000100		Shuttle Race Adjusting Shaft	셔틀 레이스 조절 축	1	
E-35	DSC-BF000800		Screw(15/64"n=28)	조절 축 첩나사(15/64"n=28)	1	
E-36	DSC-BF000900		Screw(11/64"n=40)	조절 축 첩나사(11/64"n=40)	1	
E-37	DWS-AA000300		Shuttle Bearing Washer	셔틀 베어링 와셔	1	
E-38	CHK-BJ000100	HS	Plate for Separating Upper Thread(HS)	윗실 분리판(후물용)	1	
E-39	CHK-BJ000300	GS	Plate for Separating Upper Thread(GS)	윗실 분리판(일반용)	1	
E-40	DSC-BF001300		Screw(3/32"n=56)	스프링 첩나사(3/32"n=56)	2	
E-41	AHK-PS000100		Inner Hook Presser Shaft Ass'y	속가마 누름축(조)	2Set	
E-42	CHK-BJ000200		Inner Hook Presser Plate	속가마 누름대	2	
E-43	CHK-KZ000100		Inner Hook Presser Shaft	속가마 누름축	2	
E-44	PSR-AC000400		E-Ring	누름 축 E-링(호칭경 3)	2	
E-45	DSP-AA000600		Inner Hook Spring	속가마 압력 스프링	2	
E-46	AMB-PS000600		Hook Cover Ass'y	훅 커버(조)	1Set	
E-47	CMB-BB000900		Hook Cover Hinge	훅 커버 힌지	1	
E-48	CMB-LA001400		Hook Cover	훅 커버	1	
E-49	DSP-AD000100		Hook Cover Plate Spring A	훅 커버 판 스프링 A	1	
E-50	DSP-AD000200		Hook Cover Plate Spring B	훅 커버 판 스프링 B	1	
E-51	DSC-BJ000200		Screw(11/64"n=40)	판 스프링 첩나사(11/64"n=40)	1	
E-52	PPN-AF000300		Spring Pin(φ2×L9.8)	스프링 핀(φ2×L9.8)	1	
E-53	07S036S-306H		Needle Roll Bearing	셔틀 외곽 링	2	

F

Presser Foot Mechanism

노루발 관계

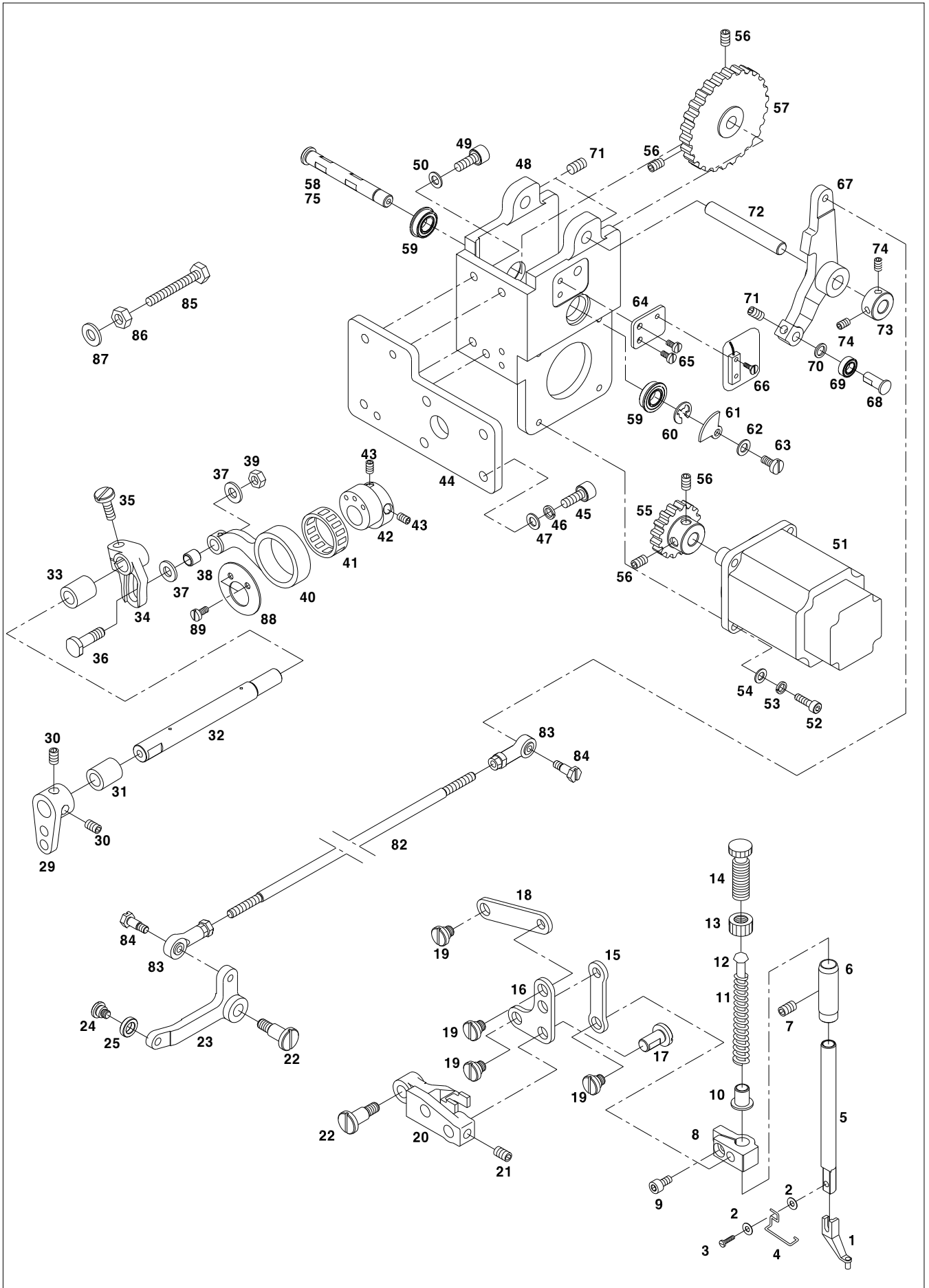


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
F-1	CGA-GC000100		Presser Foot (A)	노루발(A)	1	
	GP-039019-00	ES	Presser Foot (2.7Ø)	노루발(2.7Ø)	1	
F-2	DWS-AA001100		Washer	침나사 와셔	2	
F-3	DSC-BA000200		Screw(9/64"n=20)	노루발 침나사(9/64"n=20)	1	
F-4	CPB-BH000100		Finger Guard	핑거 가드	1	
F-5	CPB-KB000200		Presser Bar	누름대	1	
F-6	DBS-DA002400		Presser Bar Bushing	누름대 붓싱	1	
F-7	DSC-CB000700		Screw(11/64"n=40)	붓싱 고정나사(11/64"n=40)	1	
F-8	CPB-BF000200		Presser Shaft Holder	누름대 잡이	1	
F-9	DSC-BF001000		Screw(11/64"n=40)	누름대 침나사(11/64"n=40)	1	
F-10	DCL-BB000700		Presser Bar Spring Guide	누름대 스프링 가이드	1	
F-11	DSP-AA001200		Presser Bar Spring	누름대 스프링	1	
F-12	CPB-KC000100		Presser Adjusting Bar	압력 조절 봉	1	
F-13	DSN-CC000100		Nut For Presser Adjusting Screw	압력 조절 나사 침너트	1	
F-14	DSC-HA000100		Presser Adjusting Screw	압력 조절 나사	1	
F-15	CPB-CA000400		Presser Foot Link A	노루발 링크 A	1	
F-16	CPB-CA000600		Presser Foot Link C	노루발 링크 C	1	
F-17	DPN-AD002300		Link C Fixing Shaft	링크 C 고정 축	1	
F-18	CPB-CA000500		Presser Foot Link B	노루발 링크 B	1	
F-19	DSC-FA003100		Stud Screw(1/4"n=40)	노루발 링크 단나사(1/4"n=40)	4	
F-20	CPB-CM000201		Link Driving Lever	링크 구동 레버	1	
F-21	DSC-CB000500		Screw(15/64"n=28)	링크 C 고정 축 고정나사(15/64"n=28)	1	
F-22	DSC-FA003200		Stud Screw(M6XP1)	링크 올림 레버 단나사(M6XP1)	2	
F-23	CPM-CM000400		Presser Foot Lift Lever	노루발 올림 레버	1	
F-24	DSC-FA003400		Stud Screw(M5×P0.8)	롤러 단나사(M5×P0.8)	1	
F-25	CPM-CL000300		Presser Foot Roller	노루발 롤러	1	
F-29	CPB-CB000400		Presser Foot Adjusting Arm	노루발 조정 암	1	
F-30	DSC-CB000500		Screw(15/64"n=28)	조정 암 고정나사(15/64"n=28)	2	
F-31	DBS-DA001000		Bushing A	노루발 구동축 붓싱 A	1	
F-32	CPB-KF000200		Shaft For Presser Foot Driving	노루발 구동 축	1	
F-33	DBS-DA001100		Bushing B	노루발 구동축 붓싱 B	1	
F-34	CPB-CB000300		Presser Plate Cam Crank	노루발 캠 크랭크	1	
F-35	DSC-BF000700		Screw(15/64"n=28)	크랭크 침나사(15/64"n=28)	1	
F-36	DSC-FA003300		Stud Screw(M5×P0.8)	캠 연결 단나사(M5×P0.8)	1	
F-37	DWS-AA002600		Washer	단나사 와셔	2	
F-38	CPB-CL000100		Stud Screw Roller	단나사 롤러	1	
F-39	PSN-AA000100		Nut(M5×P0.8)	단나사 너트(M5×P0.8)	1	
F-40	CPB-CC000200		Presser Cam Connecting Rod	노루발 구동 캠 연결 로드	1	
F-41	PBR-BA001000		Bearing for Connecting Rod	연결 로드 베어링	1	
F-42	CPB-DC000201		Presser Foot Driving Cam	노루발 구동 캠	1	
F-43	DSC-CB000400		Screw(1/4"n=40)	고정나사(1/4"n=40)	2	
F-44	CPM-BJ000600		Motor Base Bracket	모터 베이스 브라켓	1	
F-45	PSC-AC003400		Screw(M6×L20)	베이스 브라켓 고정나사(M6×L20)	4	
F-46	PWS-CA000600		Spring Washer	고정나사 스프링 와셔	4	
F-47	PWS-AA000600		Washer	고정나사 와셔	4	
F-48	CPM-BA000201		Presser Foot Motor Base	노루발 모터 베이스	1	
F-49	PSC-AC003900		Screw(M5×L15)	모터 베이스 고정나사(M5×L15)	4	
F-50	PWS-AA000900		Washer	고정나사 와셔	4	
F-51	STM01-000001		Presser Foot Driving Motor	노루발 구동 모터	1	
F-52	PSC-AC000700		Screw(M4×L12)	모터 고정나사(M4×L12)	4	
F-54	DWS-AA001100		Washer	고정나사 와셔	4	
F-55	DGR-AA001600		Presser Foot Drive Gear	노루발 구동 기어	1	
F-56	DSC-CB000500		Screw(15/64"n=28)	구동기어 고정나사(15/64"n=28)	4	
F-57	CPM-DF000100		Presser Foot Cam	노루발 캠	1	
F-58	CPM-KC000301	01	Shaft B for Presser Foot Cam	노루발 캠축(B)	1	
F-59	PBR-AA001100		Bearing for Cam Shaft	캠 축 베어링	2	
F-60	PSR-AC000500		E-Ring	캠 축 E-링(Ø6)	1	

F

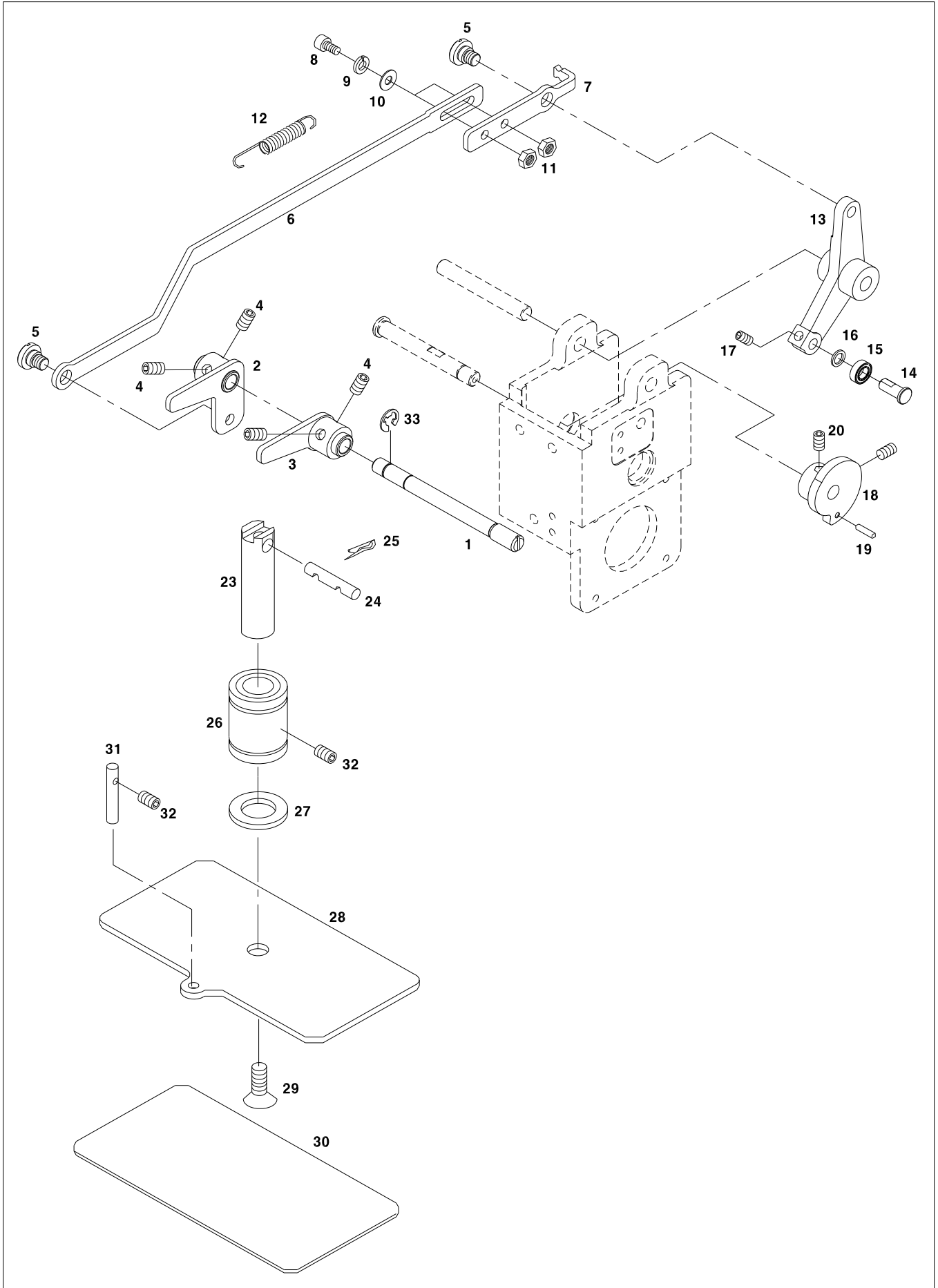
Presser Foot Mechanism

노루발 관계



Presser Plate & Lowering Mechanism

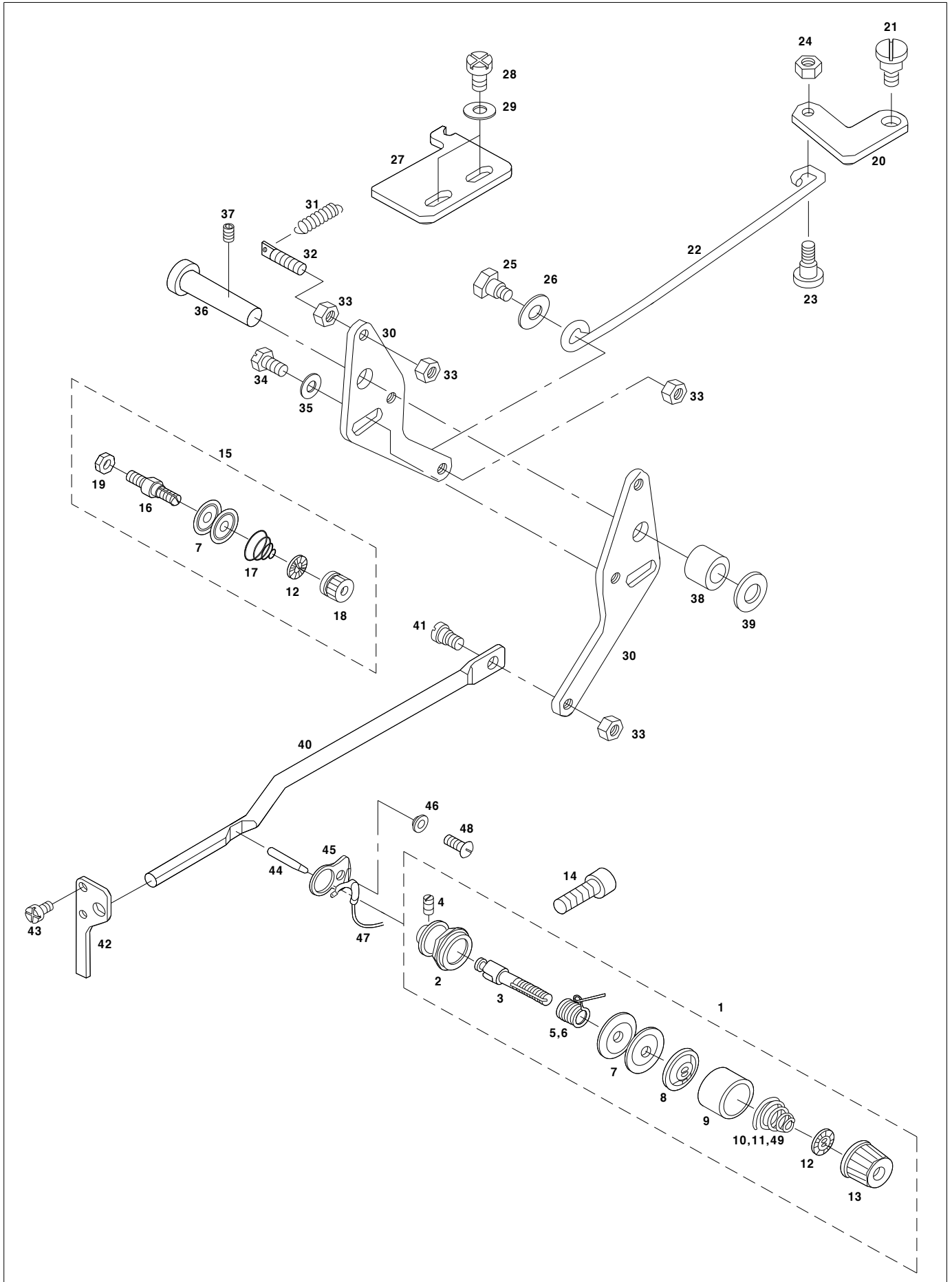
누름판 및 수동 내림 관계





Thread Release & Thread Tension Mechanism

실긋추기 및 실 장력 조절 관계

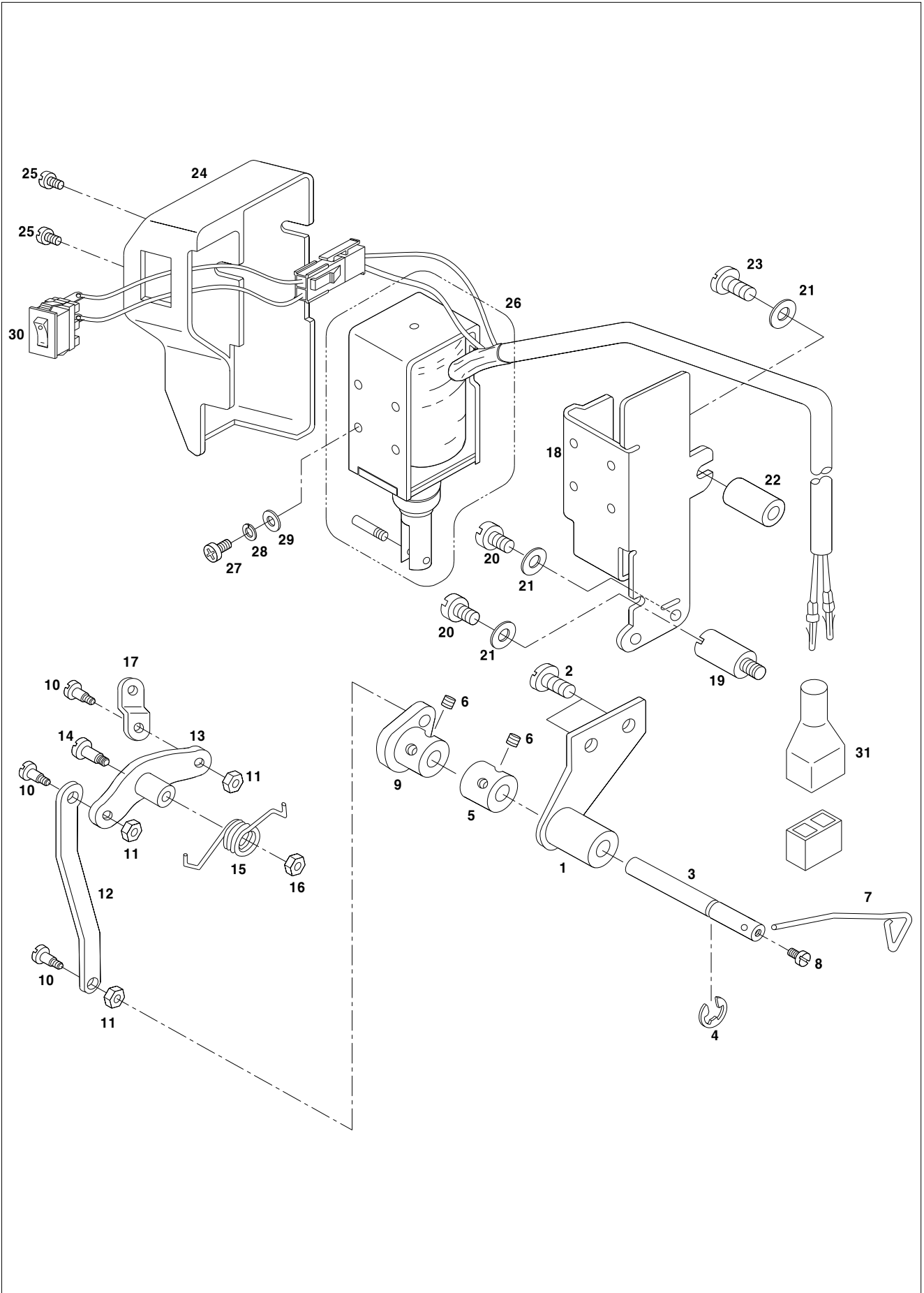




Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
H-1	ATA-PS000100		Thread Tension Adjusting Ass'y	실장력 조절 장치(조)	1Set	
H-2	CTA-BA000100		Thread Tension Adjusting Body	실장력 조절 장치 몸체	1	
H-3	CTA-HM000100		Thread Tension Adjusting Shaft	실장력 조절 장치 축	1	
H-4	DSC-CA000200		Screw(9/64"n=40)	축 고정나사(9/64"n=40)	2	
H-5	DSP-BB000100	HS	Thread Take-Up Spring(H)	실체기 스프링(후물용)	1	
H-6	40S006S-306G	GS	Thread Take-Up Spring(G)	실체기 스프링(일반용)	1	
H-7	CTA-HL000100		Thread Guide Disk	실안내 접시	4	
H-8	CTA-BJ000200		Presser Plate	실안내 접시 누름판	1	
H-9	CTA-BD000100		Spring Cover	스프링 커버	1	
H-10	DSP-BA000100	HS	Thread Tension Adjusting Spring(H)	실장력 조절 스프링(후물용)	1	
H-11	DSP-BA001000	GS	Thread Tension Adjusting Spring(G)	실장력 조절 스프링(일반용)	1	
H-12	CTA-BJ000100		Spring Stopper	스프링 스토퍼	2	
H-13	DSN-CD000100		Thread Adjusting Nut	실조절 장치 너트	1	
H-14	PSC-AC000600		Screw(M6xL20)	실조절 장치(조) 침나사(M6xL20)	1	
H-15	ATA-PS000200		Second Thread Tension Adjusting Ass'y	보조 실 조절 장치(조)	1Set	
H-16	CTA-HM000200		Second Thread Tension Adjusting Shaft	보조 실 조절 장치축	1	
H-17	DSP-BA000200		Second Thread Tension Adjusting Spring	보조 실 안내 접시 스프링	1	
H-18	DSN-CD000200		Sceond Thread Adjusting Nut	보조 실 조절 장치 너트	1	
H-19	DSN-AA000700		Nut(15/64"n=28)	보조 실 조절 장치축 너트(15/64"n=28)	1	
H-20	CTR-CA000100		Thread Release Link	실 낮추기 링크	1	
H-21	DSC-FA001500		Hinge Screw(3/16"n=28)	실 낮추기 링크 단나사(3/16"n=28)	1	
H-22	CTR-BH000400		Thread Release Connecting Rod	실 낮추기 연결 컷드	1	
H-23	DSC-FA001600		Hinge Screw A(3/16"n=28)	실 낮추기 연결 컷드 단나사 A(3/16"n=28)	1	
H-24	DSN-AA000200		Nut(3/16"n=28)	단나사 너트(3/16"n=28)	1	
H-25	DSC-FB000200		Hinge Screw B(11/64"n=40)	실 낮추기 연결 컷드 단나사 B(11/64 n=40)	1	
H-26	DWS-AA001200		Washer	단나사B washer	1	
H-27	CTR-BJ000300		Thread Release Stopper	실 낮추기 스토퍼	1	
H-28	DSC-BA000500		Screw(3/16"n=28)	스토퍼 침나사(3/16"n=28)	2	
H-29	DWS-AA000600		Washer	스토퍼 침나사 washer	2	
H-30	CTR-BJ000200		Thread Release Adjusting Plate	실 낮추기 조정판	2	
H-31	DSP-AB000200		Thread Release Return Spring	실 낮추기 리턴 스프링	1	
H-32	DSC-HD000200		Spring Hook Screw	스프링 걸이 나사(11/64"n=40)	1	
H-33	DSN-AA000300		Nut(11/64"n=40)	스프링 걸이 나사 너트(11/64"n=40)	4	
H-34	DSC-AA000200		Screw(11/64"n=40)	조정판 침나사(11/64"n=40)	1	
H-35	PWS-AA000400		Washer	침나사 washer	1	
H-36	DPN-AD000400		Thread Release Shaft	실 낮추기 축	1	
H-37	DSC-CA000300		Screw(M5xP0.8)	축 고정나사(M5 X P0.8)	1	
H-38	DCL-BB000100		Thread Release Shaft Collar	실 낮추기 축 카라	1	
H-39	DWS-AA001300		Washer	카라 washer	1	
H-40	CTR-CC000100		Thread Release Action Bar	실 낮추기 작동봉	1	
H-41	DSC-FA001400		Hinge Screw(11/64"n=40)	실 낮추기 작동봉 단나사(11/64"n=40)	1	
H-42	10S144S-306H		Thread Release Action Bar Guide	실 낮추기 작동봉 안내	1	
H-43	DSC-BJ000300		Screw(9/64"n=40)	작동봉 안내 침나사(9/64"n=40)	2	
H-44	DPN-AA000500		Thread Release Pin	실 낮추기 핀	1	
H-45	CTA-BJ000400		Thread Detecting Plate Guide	실 감지판 안내	1	
H-46	CTA-BN000100		Thread Detecting Plate Ring	실 감지판 링	1	
H-47	CTA-BJ000300		Thread Detecting Plate	실 감지판	1	
H-48	DSC-BG000100		Screw(9/64"n=40)	실감지판 침나사(9/64"n=40)	1	
H-49	GP-039204-00	ES	Thread Tension Adjusting Spring (E)	실장력 조절 스프링(극후물용)	1	

Wiper Mechanism

와이퍼 관계

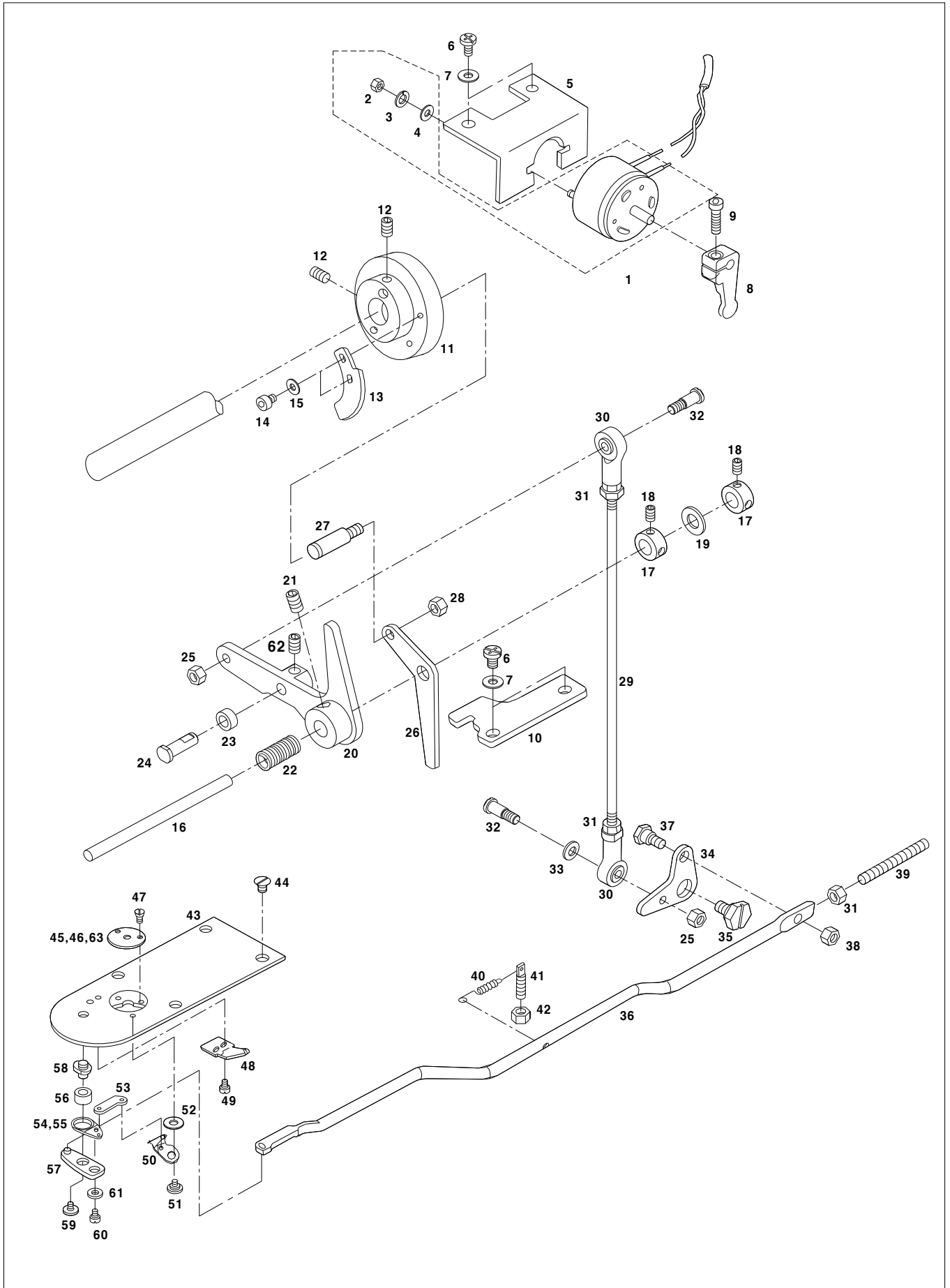


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
I-1	AWP-PS000100		Wiper Bracket Ass'y	와이퍼 브라켓(조)	1Set	
I-2	DSC-BF000600		Screw(3/16"n=28)	브라켓 찰나사(3/16"n=28)	2	
I-3	CWP-KC000100		Wiper Rotation Shaft	와이퍼 회전축	1	
I-4	PSR-AC000200		E-Ring	회전축 E-링(Ø5)	1	
I-5	DCL-AA000700		Wiper Rotation Shaft Collar	와이퍼 회전축 카라	1	
I-6	PSC-CB000200		Screw(M4×P0.7)	카라 고정나사(M4×P0.7)	4	
I-7	CWP-BH000100		Wiper	와이퍼	1	
I-8	DSC-BA000100		Screw(9/64"n=40)	와이퍼 찰나사(9/64"n=40)	1	
I-9	AWP-PS000200		Wiper Crank Ass'y	와이퍼 크랭크(조)	1Set	
I-10	DSC-FA000800		Screw(11/64"n=40)	와이퍼 크랭크 단나사(11/64"n=40)	3	
I-11	DSN-AA000300		Nut (11/64"n=40)	크랭크 단나사 너트(11/64"n=40)	4	
I-12	CWP-CA000200		Wiper Rod	와이퍼 로드	1	
I-13	AWP-PS000300		Wiper Rock Link Ass'y	와이퍼 요동 링크(조)	1Set	
I-14	DSC-FA000900		Hinge Screw(3/16"n=32)	와이퍼 요동 링크 힌지 나사(3/16"n=32)	1	
I-15	DSP-AC000200		Wiper Spring	와이퍼 스프링	1	
I-16	DSN-AA000600		Nut (3/16"n=32)	요동 링크 단나사 너트(3/16"n=32)	1	
I-17	CWP-CA000100		Wiper Solenoid Connecting Link	와이퍼 솔레노이드 연결 링크	1	
I-18	CWP-BB000100		Wiper Base	와이퍼 베이스	1	
I-19	DSC-HB000300		Wiper Base Joint	와이퍼 베이스 조인트	1	
I-20	DSC-BA000500		Screw(3/16"n=28)	와이퍼 베이스 고정나사(3/16"n=28)	2	
I-21	DWS-AA000600		Washer	고정나사 와셔	3	
I-22	DCL-BB000200		Wiper Base Collar	와이퍼 베이스 카라	1	
I-23	DSC-BJ001200		Screw(11/64"n=40)	카라 고정나사(11/64"n=40)	1	
I-24	CWP-LA000100		Wiper Cover	와이퍼 커버	1	
I-25	DSC-BA000100		Screw(9/64"n=40)	커버 고정나사(9/64"n=40)	2	
I-26	SWP300-00001		Wiper Solenoid Ass'y	와이퍼 솔레노이드(조)	1Set	
I-27	DSC-BD000200		Screw(M3×P0.5)	솔레노이드 찰나사(M3×P0.5)	4	
I-28	DSC-BD000200		Spring Washer	찰나사 스프링 와셔	4	
I-29	DSC-BD000200		Washer	찰나사 와셔	4	
I-30	11S036S-306H		Wiper On/Off Switch Ass'y	와이퍼 작동 스위치(조)	1Set	
I-31	11-019M-2350		Solenoid Tube	솔레노이드 튜브	1	

J

Thread Trimming Mechanism

사절 관계

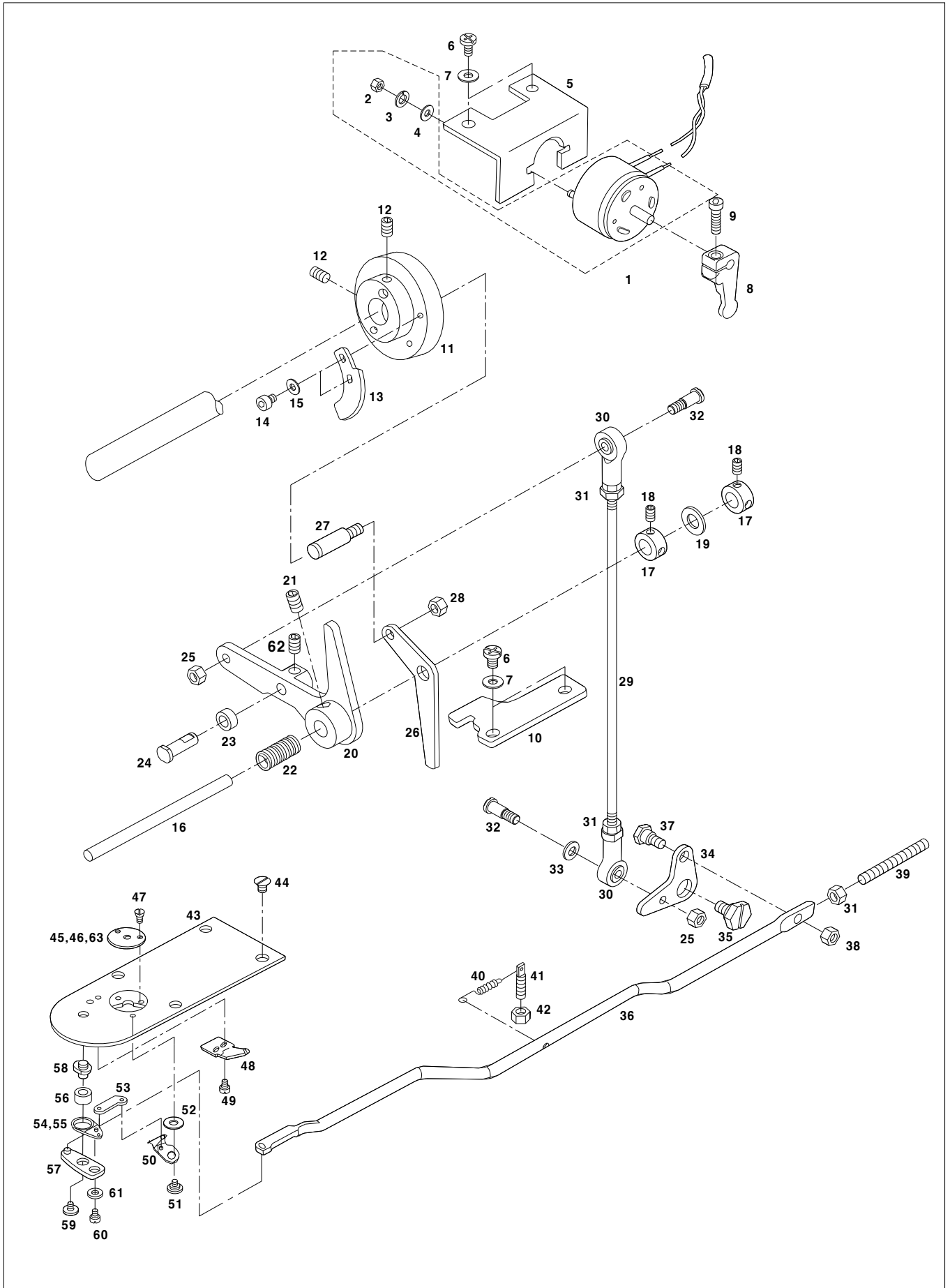


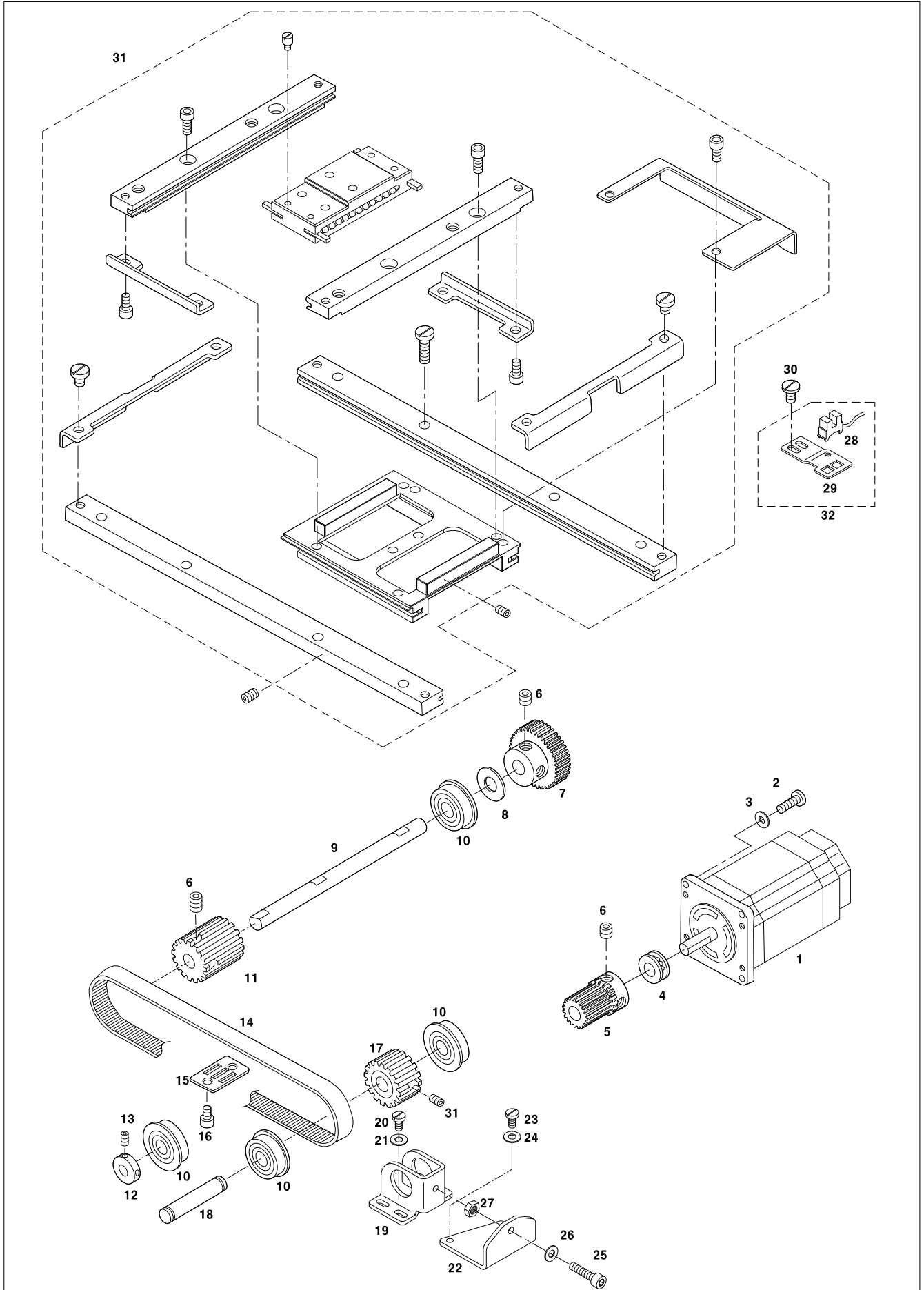
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
J-1	DSD-AB000300		Thread Trimming Solenoid Ass'y	사철 솔레노이드(조)	1Set	
J-2	CTT-BB000100		Nut	사철솔레노이드부착 너트	2	
J-3	PWS-CA000700		Spring Washer	스프링 와셔	2	
J-4	PWS-CA000200		Washer	와셔	2	
J-5	CTT-BB000100		Thread Trimming Solenoid Bracket	사철 솔레노이드 브라켓	1	
J-6	DSC-BA000500		Screw(3/16"n=28)	브라켓 침나사(3/16"n=28)	4	
J-7	DWS-AA000600		Washer	침나사 와셔	4	
J-8	CTT-CM000100		Rotating Link	사철 솔레노이드 회전 링크	1	
J-9	PSC-AC001400		Screw(M4×L14.5)	사철솔레노이드회전링크침나사(M4×L14.5)	1	
J-10	CTT-BJ000101		Thread Trimming Driving Link Stopper	사철 구동 링크 스토퍼	1	
J-11	CTT-DG000100		Thread Trimming Cam	사철 캠	1	
J-12	DSC-CB000400		Screw(1/4"n=40)	사철 캠 고정나사(1/4"n=40)	2	
J-13	CTT-BJ000300		Thread Release Notch	실 늦추기 노치	1	
J-14	PSC-AC001500		Screw(M4×L5)	실늦추기 노치 침나사(M4×L5)	2	
J-15	PWS-AA000200		Washer	침나사 와셔	2	
J-16	CTT-KC000100		Thread Trimming Shaft	사철 축	1	
J-17	DCL-AA000400		Thread Trimming Shaft Collar	사철 축 카라	2	
J-18	DSC-CB000700		Screw(M5×P0.8)	카라 침나사(M5×P0.8)	4	
J-19	CTT-FB000100		Rubber Washer	사철 축 고무 와셔	1	
J-20	CTT-CB000400		Thread Trimming Driving Link Ass'y	사철 구동 링크(조)	1Set	
J-21	DSC-CB000500		Screw(15/64"n=28)	링크 고정나사(15/64"n=28)	1	
J-22	DSP-AA000700		Spring	사철 축 스프링	1	
J-23	CTT-CL000200		Thread Trimming Cam Roller	사철 캠 로울러	1	
J-24	DPN-AD000600		Thread Trimming Cam Roller Shaft	사철 캠 로울러 축	1	
J-25	DSN-AA000900		Nut(11/64"n=40)	단나사 너트(11/64"n=40)	2	
J-26	CTT-CM000200		Thread Release Lever	실 늦추기 레버	1	
J-27	DSC-GA000100		Thread Release Lever Pin	실늦추기 레버 핀	1	
J-28	DSN-AA000600		Nut(15/64"n=40)	레버 핀 너트(15/64"n=40)	1	
J-29	CTT-CC000500		Thread Trimming Connecting Rod	사철 연결 로드	1	
J-30	PBR-GB000100		Rod End	Rod End	2	
J-31	PSN-AA000200		Nut(M5×P0.8)	사철연결 로드 너트(M5×P0.8)	3	
J-32	DSC-FD000100		Hinge Screw(11/64"n=40)	사철 연결 로드 단나사(11/64"n=40)	2	
J-33	DWS-AA000600		Washer	단나사 와셔	1	
J-34	CTT-CB000100		Thread Trimming Connecting Link	사철 연결 링크	1	
J-35	DSC-FB000400		Hinge Screw(15/64"n=28)	사철 연결 링크 단나사(15/64"n=28)	1	
J-36	CTT-CC000700		Thread Trimming Connecting Bar	사철 연결봉	1	
J-37	DSC-FB000300		Hinge Screw(3/16"n=28)	사철 연결봉 단나사(3/16"n=28)	1	
J-38	DSN-AA000800		Nut(3/16"n=28)	단나사 너트(3/16"n=28)	1	
J-39	DSC-AA000401		Screw(M5×P0.8)	링크 스토퍼 나사(M5×P0.8)	1	
J-40	DSP-AB000300		Spring	사철 연결봉 스프링	1	
J-41	DSC-HD000200		Screw(11/64"n=40)	스프링 걸이 축 나사(11/64"n=40)	1	
J-42	DSN-AA000900		Nut(11/64"n=40)	스프링 걸이 축 나사 너트(11/64"n=40)	1	
J-43	CTT-BJ000600		Needle Plate	침판	1	
J-44	DSC-BC000100		Screw(11/64"n=40)	침판 침나사(11/64"n=40)	4	
J-45	CTT-GL000100	HS	Needle Plate Cover(H)	침판 커버(후물용)	1	
J-46	10S043S-306G	GS	Needle Plate Cover(G)	침판 커버(일반용)	1	
J-47	DSC-BB000300		Screw(M4×P0.5)	침판 커버 침나사(M4×P0.5)	2	
J-48	CTT-NB000100		Fixed Mes	고정메스	1	
J-49	DSC-BF002000		Screw(9/64"n=40)	고정 메스 침나사(9/64"n=40)	2	
J-50	ATT-PS000400		Moving Mes	동메스	1	
J-51	DSC-FA001800		Hinge Screw(9/64"n=40)	동메스 단나사(9/64"n=40)	1	
J-52	DWS-AA001700		Washer(t=0.4)	동메스 와셔(0.4)		
	DWS-AA001800		Washer(t=0.5)	동메스 와셔(0.5)		
	DWS-AA004000		Washer(t=0.6)	동메스 와셔(0.6)		
	DWS-AA004100		Washer(t=0.7)	동메스 와셔(0.7)		
J-53	CTT-CA000100		Moving Mes Link	동메스 링크	1	
J-54	ATT-PS000700		Thread Trimming Lever "B"(H)	사철레버"B"(후물용)	1	

J

Thread Trimming Mechanism

사절 관계





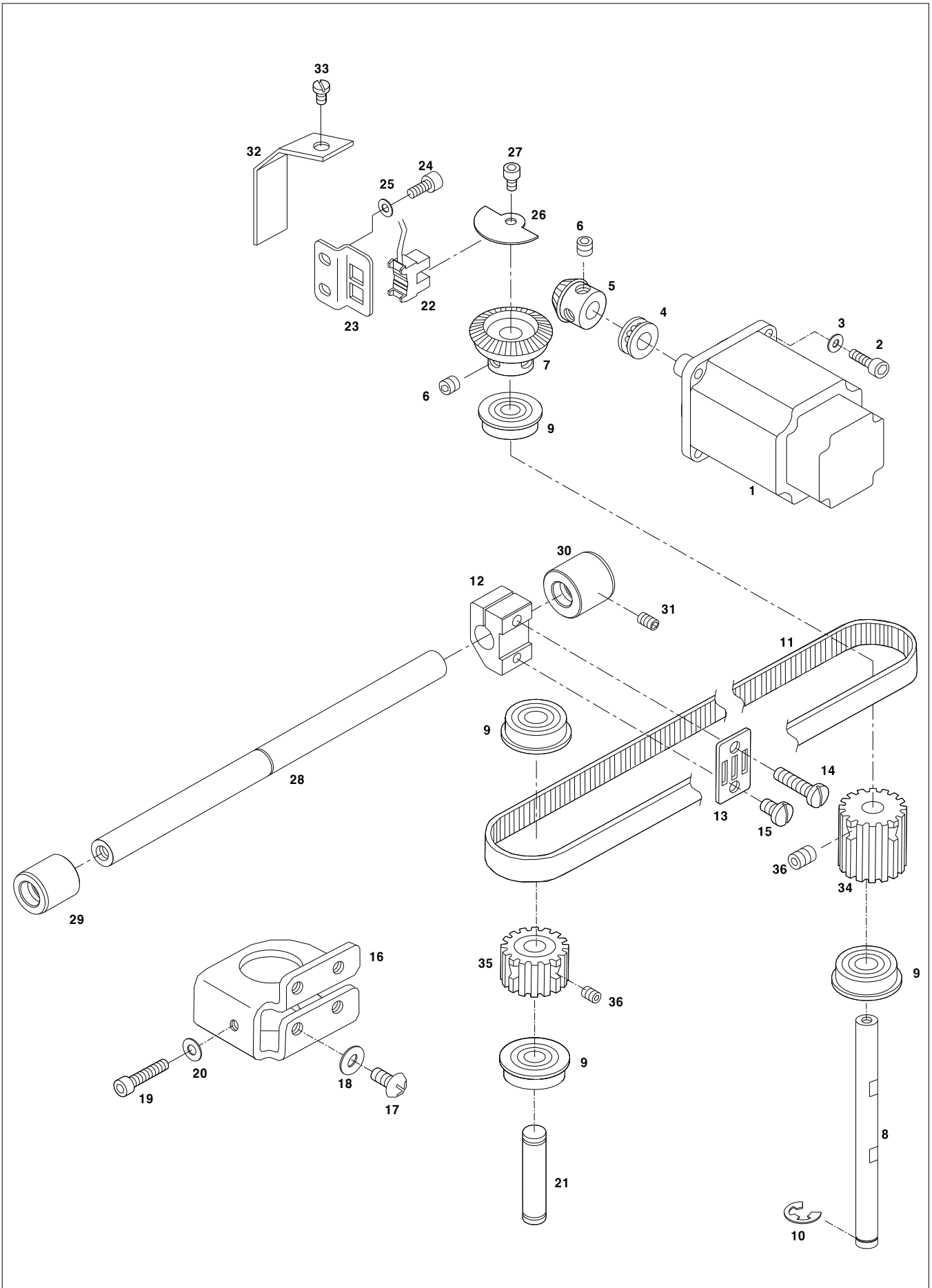


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
K-1	STM01-000001		X-Driving Motor Ass'y	X-구동 모터(조)	1Set	
K-2	PSC-AC000700		Screw(M4×L14.5)	모터 고정나사(M4×L14.5)	4	
K-3	DWS-AA001100		Washer	와셔	4	
K-4	PBR-AC000100		Thrust Bearing(T1680)	트러스트 베어링	1	
K-5	DGR-AA001700		X-Drive Gear	X-구동 기어	1	
K-6	DSC-CB000500		Screw(15/64"n=28)	기어 고정나사(15/64"n=28)	8	
K-7	DGR-AA001800		X-Driven Gear	X-종동 기어	1	
K-8	DWS-AA003400		X-Driven Shaft Washer	X-구동축 와셔	1	
K-9	CXF-KC000500		X-Drive Shaft	X-구동 축	1	
K-10	PBR-AA000600		Bearing	레디얼 베어링	4	
K-11	DPL-BD001000		X-Y Drive Timming Pulley	X-Y 구동 타이밍 풀리	1	
K-12	DCL-AA001200		X-Drive Shaft Collar	X-구동축 카라	1	
K-13	DSC-CB000300		Screw(11/64"n=40)	카라 고정나사(11/64"n=40)	4	
K-14	PBT-BD000500		X-TimMING Belt	X-타이밍 벨트	1	
K-15	CYF-BJ002500		X-Belt Holder Plate	X-벨트 잡이 판	1	
K-16	PSC-AC001800		Screw(M4×L8)	벨트 잡이 판 고정나사(M4×L8)	2	
K-17	DPL-BD000800		X-Y Driven TimMING Pulley	X-Y 종동 타이밍 풀리	1	
K-18	CXF-KC000600		X-Y Driven TimMING Pulley Shaft	X-Y 종동 타이밍 풀리 축	1	
K-19	CXF-BB001200		X-Driven Pulley Bracket	X-Y 종동 타이밍 풀리 브라켓	1	
K-20	DSC-BF001000		Screw(11/64"n=40)	풀리 브라켓 고정나사(11/64"n=40)	4	
K-21	DWS-AA001100		Washer	고정나사 와셔	4	
K-22	CXF-BB001100		X-Tension Adjusting Bracket	X-장력 조절 브라켓	1	
K-23	DSC-BF001000		Screw(11/64"n=40)	장력 조절 브라켓 고정나사(11/64"n=40)	2	
K-24	DWS-AA001100		Washer	고정나사 와셔	2	
K-25	PSC-AC004800		Screw(M5×P0.8)	X-장력 조절 볼트(M5×P0.8)	1	
K-26	DWS-AA000600		Washer	장력 조절 볼트 와셔	1	
K-27	PSN-AA000100		Nut(M5×P0.8)	장력 조절 볼트 너트(M5×P0.8)	1	
K-28	GP-014837-00		X-Sensor	X-센서	1	
K-29	CXF-BJ002300		X-Sensor Bracket	X-센서 브라켓	1	
K-30	DSC-BF001000		Screw(11/64"n=40)	센서 브라켓 고정나사(11/64"n=40)	2	
K-31	AS-003716-02		Ball Guide Ass'y	볼 가이드(조)	1Set	
K-32	AXY-SM001200		X-Sensor Bracket Ass'y	X-센서 브라켓(조)	1Set	



Y-Moving Mechanism

Y-이송 관계

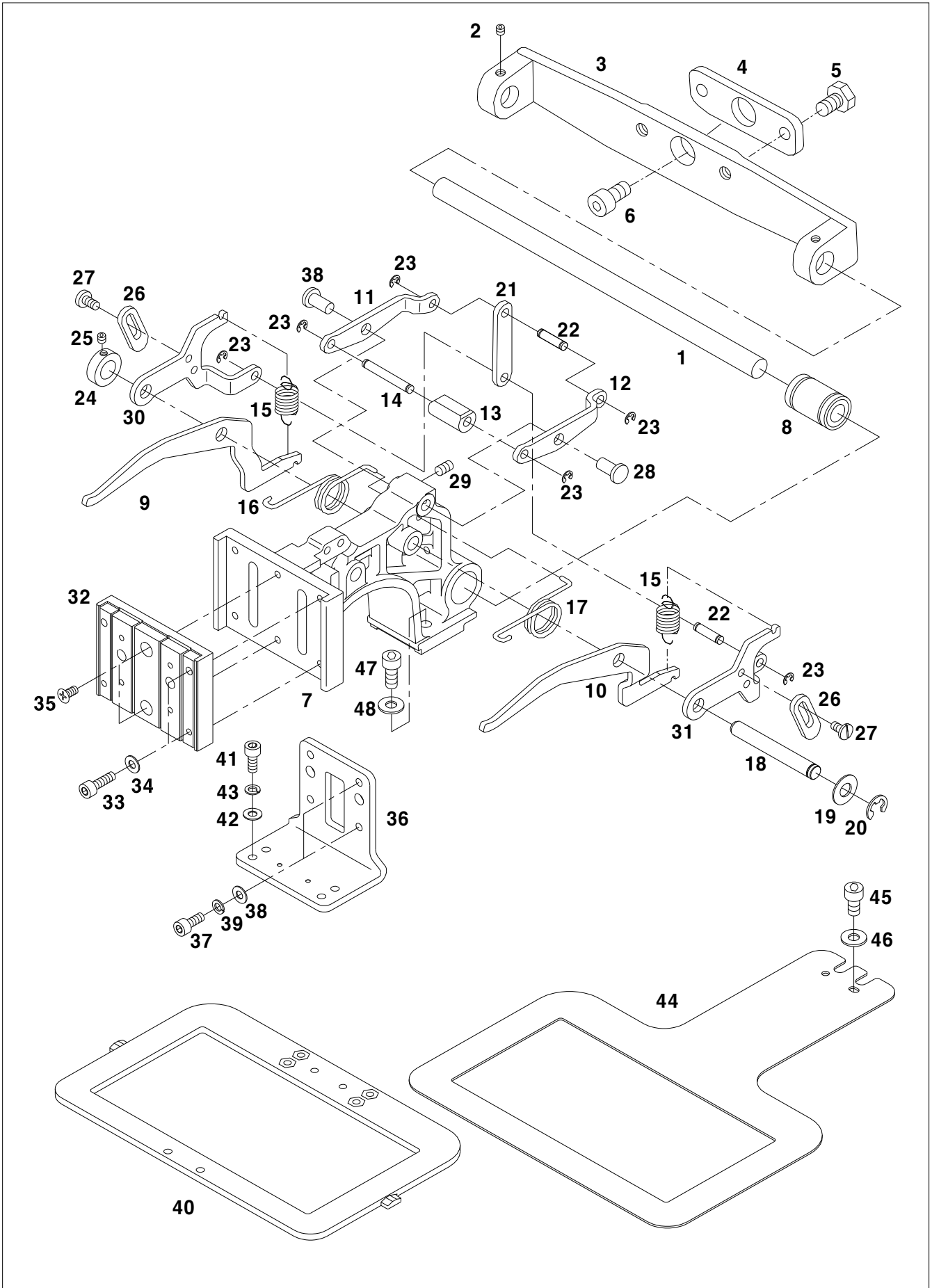


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
L-1	STM01-000001		Y-Drive Motor Ass'y	Y-구동 모터(조)	1Set	
L-2	PSC-AC000700		Screw(M4×L14.5)	모터 고정나사(M4×L14.5)	4	
L-3	DWS-AA001100		Washer	와셔	4	
L-4	PBR-AC000100		Thrust Bearing	트러스트 베어링	1	
L-5	DGR-AC000600		Y-Drive Gear	Y-구동 기어	1	
L-6	DSC-CB000500		Screw(15/64"n=28)	기어 고정나사(15/64"n=28)	4	
L-7	DGR-AC000700		Y-Driven Gear	Y-종동 기어	1	
L-8	CYF-KC000600		Y-Drive Shaft	Y-구동 축	1	
L-9	PBR-AA000600		Radial Bearing	레이디알 베어링	4	
L-10	PSR-AC000500		E-Ring	E-링(호칭경 6)	1	
L-11	PBT-BD000700		Y-Timmming belt	Y-타이밍 벨트	1	
L-12	CYF-BF000200		Y-Belt Holder	Y-벨트 잡이	1	
L-13	CYF-BJ002500		Y-Belt Holder Plate	Y-이송 벨트 잡이 판	1	
L-14	DSC-BF001200		Screw(11/64"n=40)	벨트 잡이 판 침나사A(11/64"n=40)	1	
L-15	DSC-BJ000200		Screw(11/64"n=40)	벨트 잡이 판 침나사B(11/64"n=40)	1	
L-16	CYF-BB001200		Y-Driven Pulley Bracket	Y-종동 폴리 브라켓	1	
L-17	PSC-BH000200		Screw(M5×P0.8)	폴리 브라켓 침나사(M5×P0.8)	4	
L-18	PWS-AA001500		Washer	침나사 와셔	4	
L-19	PSC-AC004800		Screw(M5×P0.8)	장력 조절 나사(M5×P0.8)	1	
L-20	DWS-AA000600		Washer	장력 조절 나사 와셔	1	
L-21	CXF-KC000600		X-Y Driven Timmming Pulley Shaft	X-Y 종동 타이밍 폴리 축	1	
L-22	GP-014837-00		Y-Sensor	Y-센서	1	
L-23	CYF-BB000900		Y-Sensor Bracket	Y-센서 브라켓	1	
L-24	PSC-AC001800		Screw(M5×L8)	Y-센서 브라켓 고정나사(M4×L8)	2	
L-25	DWS-AA001100		Washer	고정나사 와셔	2	
L-26	CYF-BJ002600		Y-Sensor Slit	Y-센서 감지판	1	
L-27	PSC-AC001800		Screw(M4×L8)	감지판 침나사(M4×L8)	1	
L-28	CYF-KC000700		Y-Moving Shaft	Y-이송축	1	
L-29	DBS-DA002800		Y-Removal Shaft Bushing(F)	Y-이송축 붓싱(전)	1	
L-30	DBS-DA002900		Y-Removal Shaft Bushing(R)	Y-이송축 붓싱(후)	1	
L-31	DSC-CB000500		Screw(15/64"n=27)	붓싱 고정 나사(15/64"n=27)	1	
L-32	CYF-BJ002700		Y-Moving Oil Cover	Y-센서 오일 커버	1	
L-33	DSC-BF000600		Screw(3/16"n=28)	오일 커버 침나사(3/16"n=28)	1	
L-34	DPL-BD001000		X-Y Drive Timmming Pulley	X-Y 구동 타이밍 폴리	1	
L-35	DPL-BD000800		X-Y Driven Timmming Pulley	X-Y 종동 타이밍 폴리	1	
L-36	DSC-CB000500		Screw(15/64"n=28)	폴리 고정나사(15/64"n=28)	4	

M

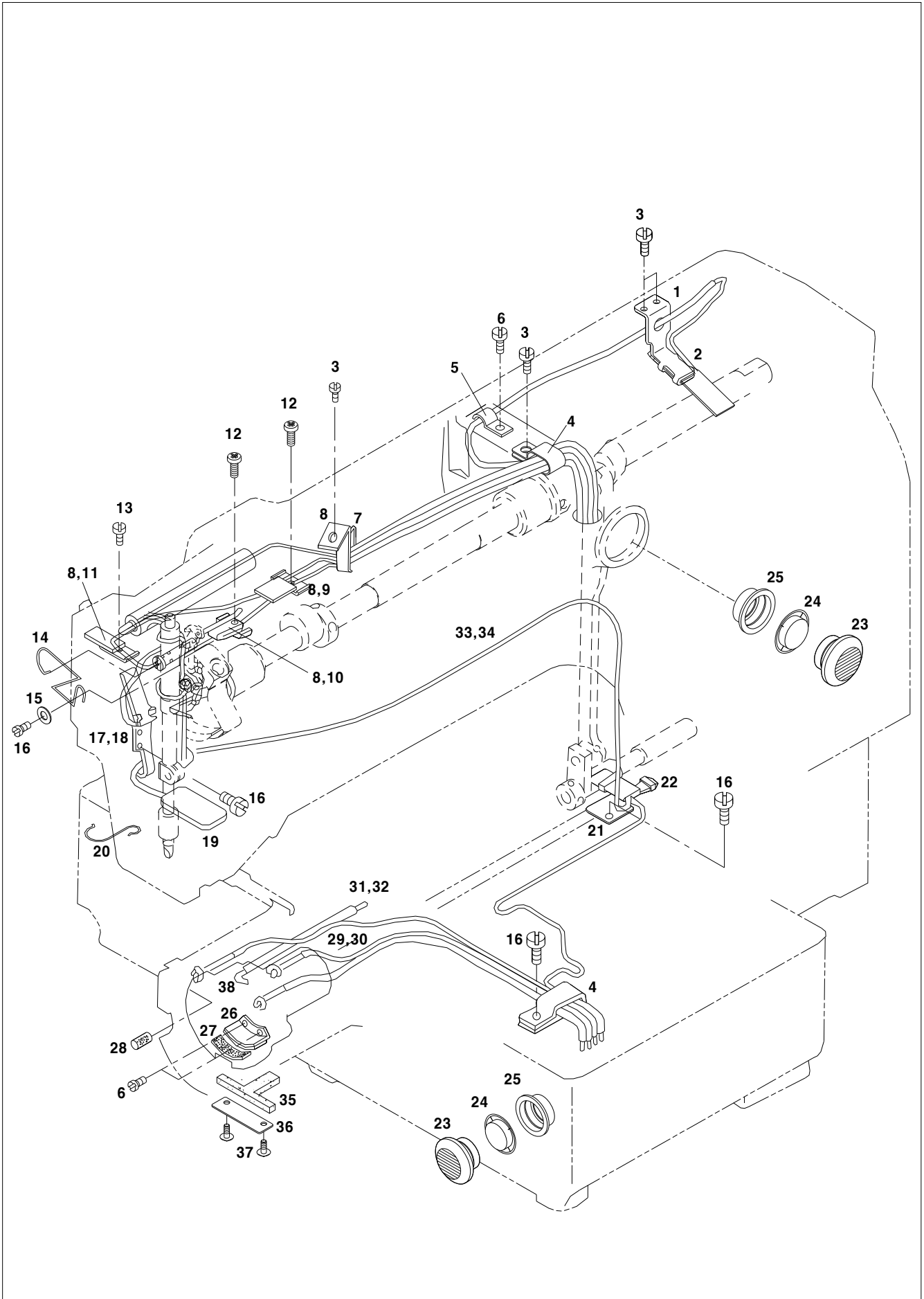
Feed Mechanism

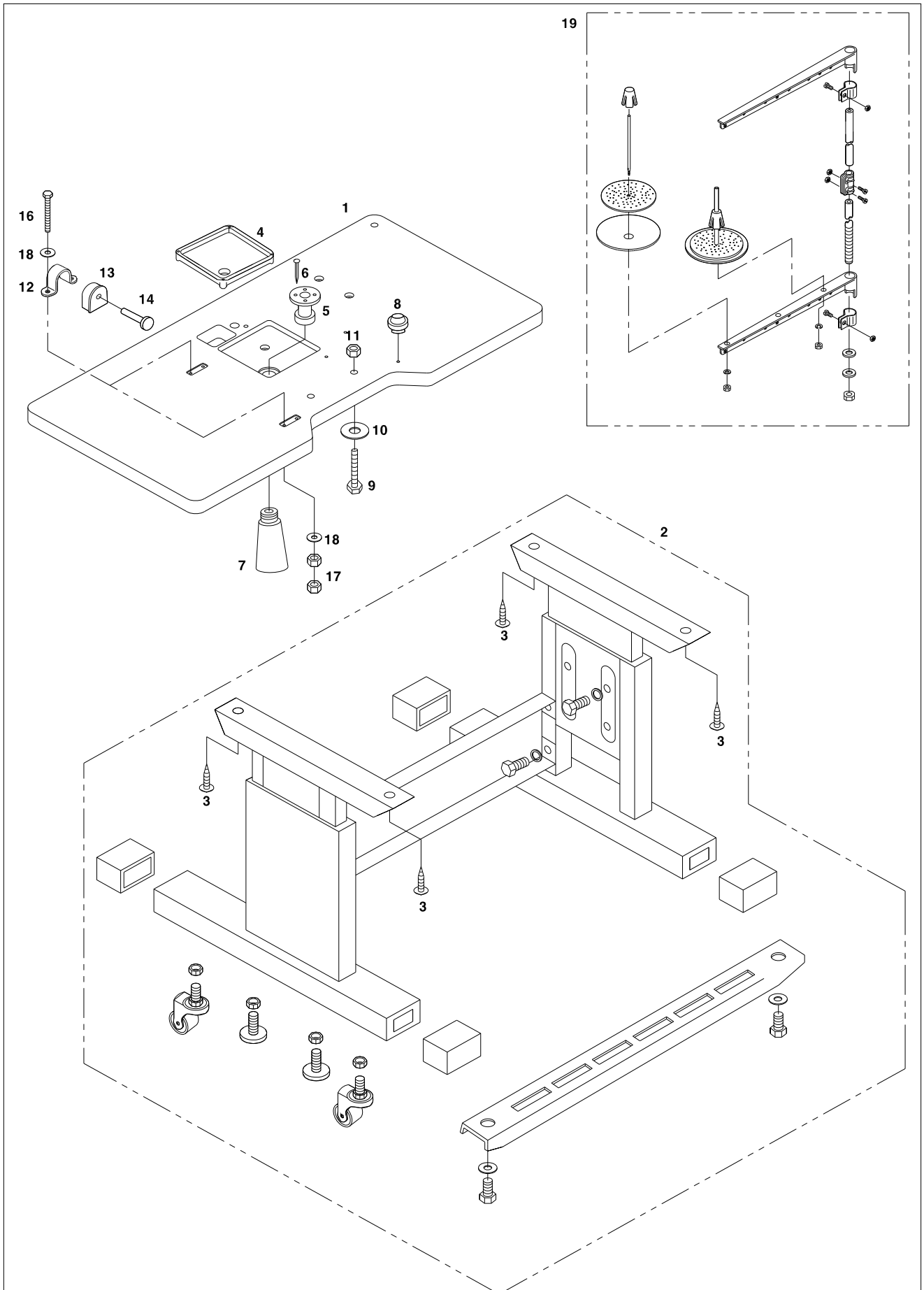
피이드 관계

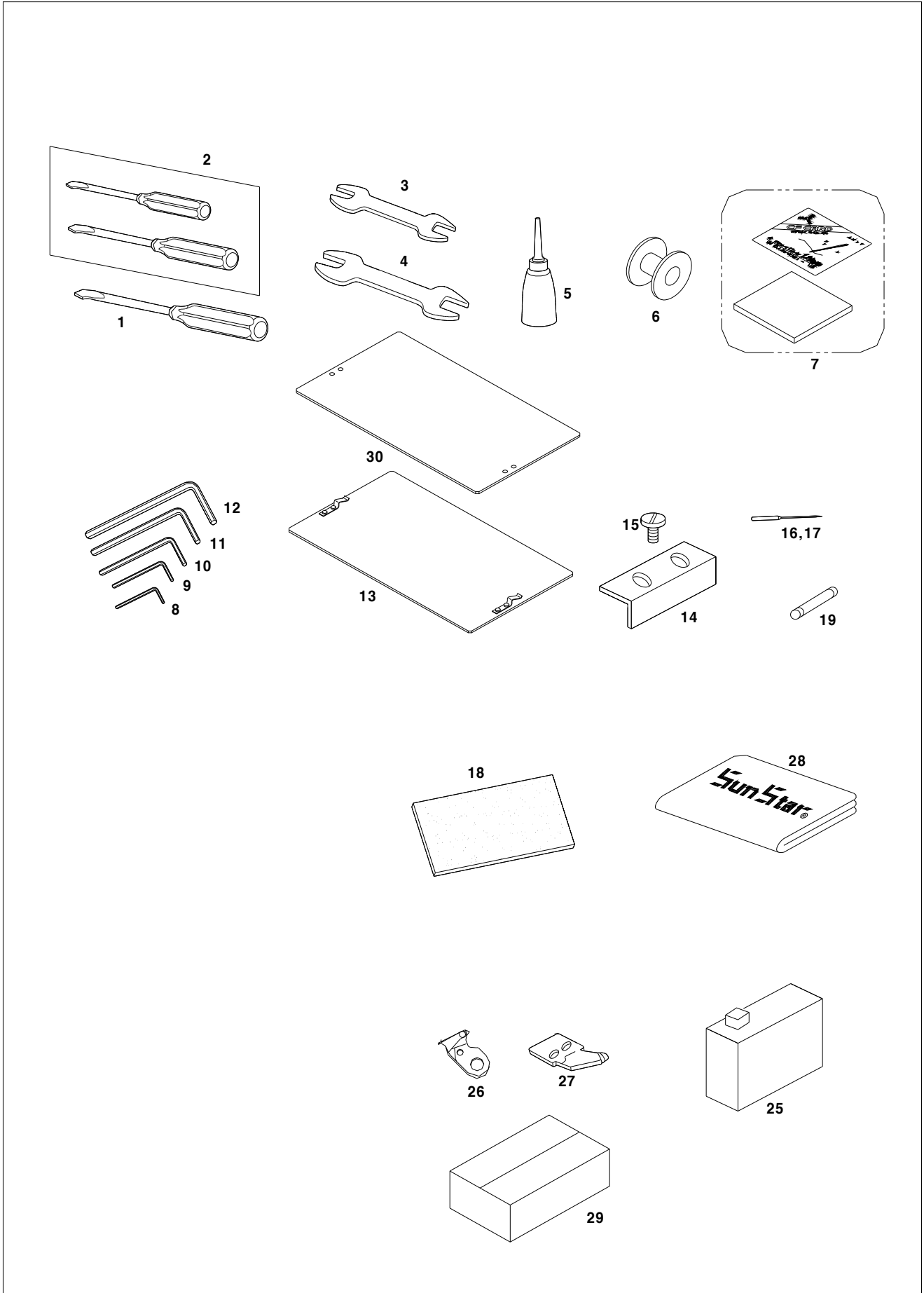




Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
M-1	CYF-KC000800		X-Guide Shaft	X-가이드 축	1	
M-2	DSC-CB000700		Screw(M6×P0.8)	가이드 축 고정나사(M5×P0.8)	2	
M-3	CYF-BB001000		X-Guide Shaft Bracket	X-가이드 축 브라켓	1	
M-4	CYF-BB001100		Y-Moving Shaft Bracket	Y-이송축 브라켓	1	
M-5	DSC-AA000800		Screw(15/64"n=28)	Y-이송축 브라켓 첩나사(15/64"n=28)	2	
M-6	PSC-AC004600		Screw(M6×P10)	Y-이송축 첩나사(M6×L10)	1	
M-7	CCP-BB000900		Feed Bracket	피이드 브라켓	1	
M-8	PBR-FA000400		Ball Bush for X-Guide Shaft	X-가이드 축 볼 부시	1	
M-9	CCP-CM000900		Lifting Lever(L)	올림 레버(좌)	1	
M-10	CCP-CM001000		Lifting Lever(R)	올림 레버(우)	1	
M-11	CCP-CM001100		Feed Bracket Driving Lever(L)	피이드 브라켓 작동레버(좌)	1	
M-12	CCP-CM001200		Feed Bracket Driving Lever(R)	피이드 브라켓 작동레버(우)	1	
M-13	CCP-CD000400		Slider	슬라이더	1	
M-14	CCP-KC000200		Slider Shaft	슬라이더 축	1	
M-15	DSP-AB000800		Lifting Lever Tension Spring	올림 레버 인장 스프링	2	
M-16	DSP-AC000300		Lifting Lever Tension Spring(L)	올림 레버 토션 스프링(좌)	1	
M-17	DSP-AC000400		Lifting Lever Tension Spring(R)	올림 레버 토션 스프링(우)	1	
M-18	CCP-KC000300		Lifting Lever Shaft	올림 레버 축	1	
M-19	DWS-AA001300		Washer	올림 레버 축 와셔	1	
M-20	PSR-AC000700		E-Ring	올림 레버 축 E-링(Ø7)	1	
M-21	CCP-CA000500		Connecting Link	연결 링크	1	
M-22	DPN-AA000400		Connecting Link Shaft	연결 링크 축	2	
M-23	PSR-AC000300		E-Ring	연결 링크 축 E-링(Ø4)	6	
M-24	DCL-AA001500		Lifting Lever Shaft Collar	올림 레버 축 카라	1	
M-25	DSC-CA000400		Screw(11/64"n=40)	카라 첩나사(11/64"n=40)	2	
M-26	CCP-BJ001500		Lifting Lever Adjusting Plate	올림 레버 조정판	2	
M-27	DSC-BF000900		Screw(11/64"n=40)	조정판 고정나사(11/64"n=40)	4	
M-28	DPN-AD002400		Feed Bracket Action Lever Pin	피이드 브라켓 작동 레버 핀	2	
M-29	DSC-CB000700		Screw(M5×P0.8)	핀 고정나사(M5 X P0.8)	2	
M-30	CCP-CA000300		Feed Bracket Support Link(L)	피이드 브라켓 지지 링크(좌)	1	
M-31	CCP-CA000400		Feed Bracket Support Link(R)	피이드 브라켓 지지 링크(우)	1	
M-32	ACP-PS000500		Clamp Guide Ass'y	클램프 가이드(조)	1Set	
M-33	PSC-AC005000		Screw(M6×L20)	클램프 가이드 첩나사A(M4×L20)	4	
M-34	PWS-AA000200		Washer	첩나사A 와셔	4	
M-35	PSC-AC003500		Screw(M4×P0.7)	클램프 가이드 첩나사B(M4×P0.7)	2	
M-36	ACP-PS000400		Feed Plate Clamp Ass'y	피이드 판 클램프(조)	1Set	
M-37	PSC-AC004900		Screw(M4×L12)	피이드 판 클램프 고정나사(M4×L12)	4	
M-38	PWS-AA000200		Washer	고정나사 와셔	4	
M-39	DWS-AA007300		Spring Washer	스프링 와셔	4	
M-40	CGA-GK000501		Upper Feed Plate	상피이드 판	1	
M-41	PSC-AC004600		Screw(M4×L10)	상피이드 판 고정나사(M4×L10)	4	
M-42	PWS-AA000200		Washer	고정나사 와셔	4	
M-43	PWS-CA000700		Spring Washer	스프링 와셔	4	
M-44	CGA-GJ000700		Lower Feed Plate	하피이드 판	1	
M-45	PSC-AC004600		Screw(M6×L10)	하피이드 판 고정나사(M6×L10)	2	
M-46	PWS-AA000600		Washer	고정나사 와셔	2	
M-47	PSC-AC003200		Screw(M6×P1)	피이드 브라켓 고정나사(M6×P1)	2	
M-48	PWS-AA000300		Washer	고정나사 와셔	2	



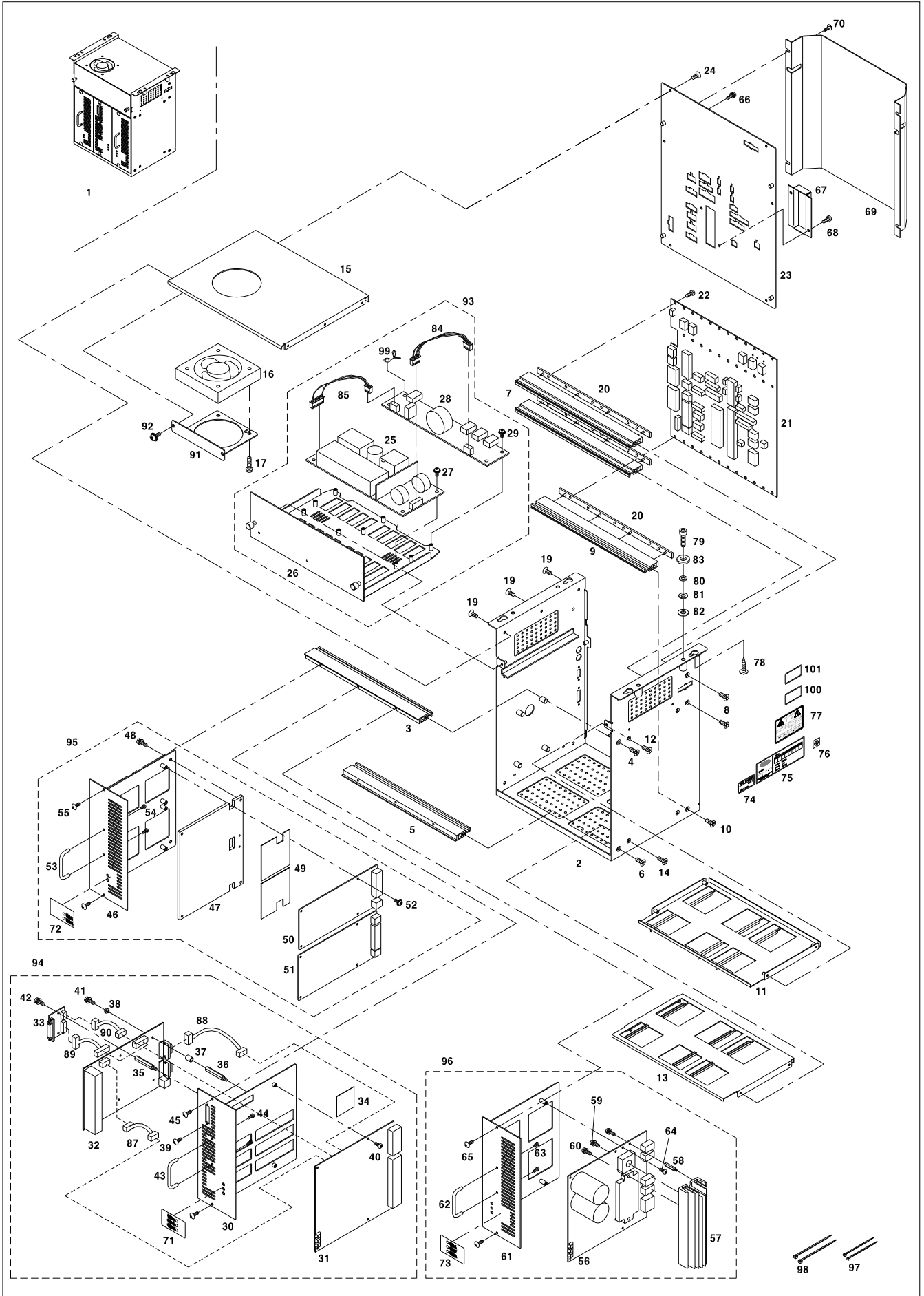






Control Box Mechanism

컨트롤 박스 관계

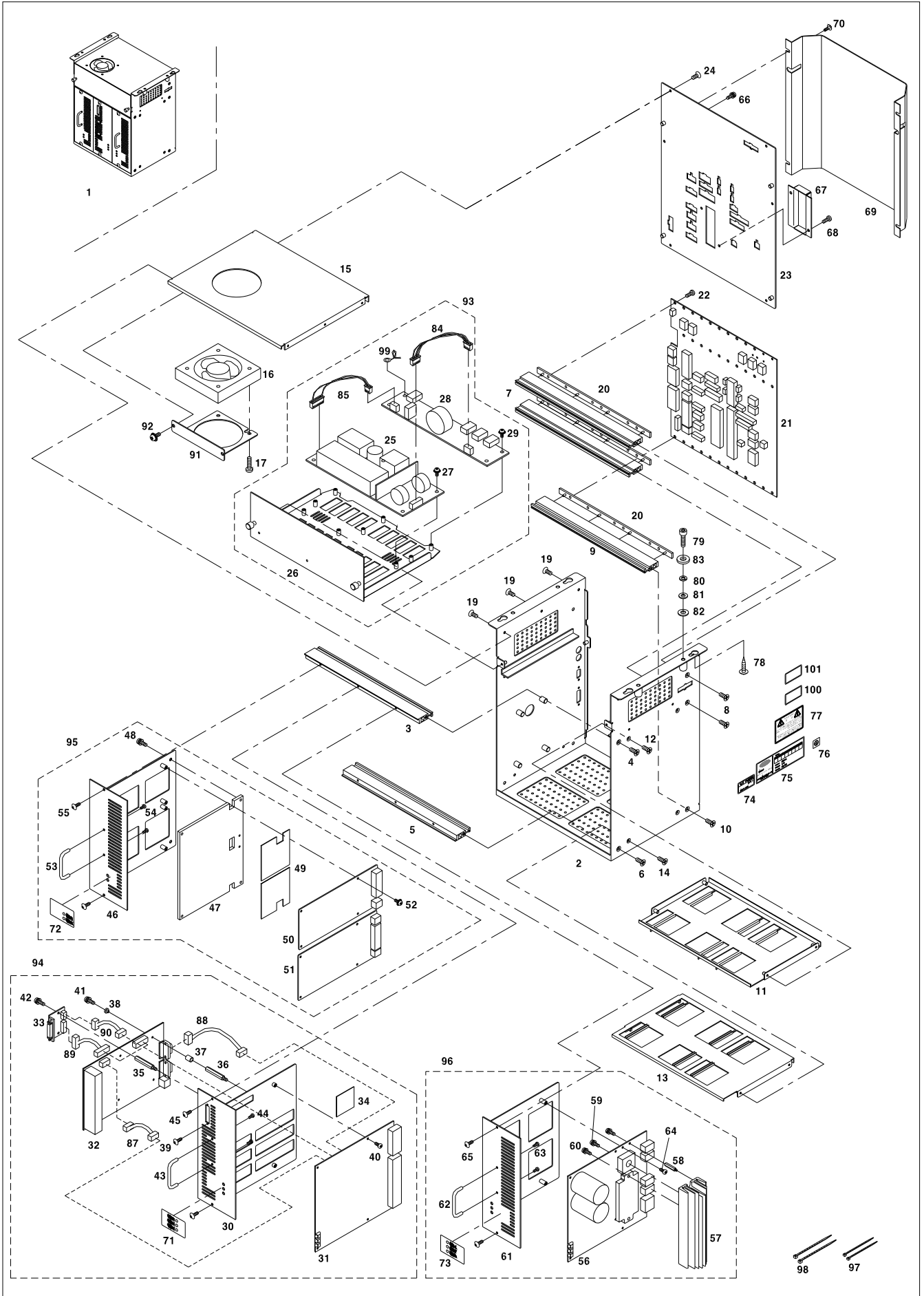


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
Q-1	AS-007070-00		Control Box Ass'y	컨트롤박스(조)	1	
Q-2	GP-013165-01		Box Body	박스바디	1	
Q-3	GP-008671-01		Front Profile Upper	전면부 프로파일-상	1	
Q-4	10-016S-CPT1		Screw(M4×L12)	전면부 프로파일-상 고정나사	2	
Q-5	GP-008672-01		Front Profile Lower	전면부 프로파일-하	1	
Q-6	10-016S-CPT1		Screw(M4×L12)	전면부 프로파일-하 고정나사	2	
Q-7	GP-008673-00		Rear Profile Upper	후면부 프로파일-상	2	
Q-8	10-016S-CPT1		Screw(M4×L12)	후면부 프로파일-상 고정나사	4	
Q-9	GP-008674-00		Rear Profile Lower	후면부 프로파일-하	1	
Q-10	10-016S-CPT1		Screw(M4×L12)	후면부 프로파일-하 고정나사	2	
Q-11	GP-013168-00		Upper Frame	가로지지대-상	1	
Q-12	10-004M-SW68		Screw(M3×L5)	가로지지대-상 고정나사	4	
Q-13	GP-013169-00		Lower Frame	가로지지대-하	1	
Q-14	10-004M-SW68		Screw(M3×L5)	가로지지대-하 고정나사	4	
Q-15	GP-008662-02		Upper Cover	상면커버	1	
Q-16	EP-000112-00		Control Box Fan	컨트롤박스 팬	1	
Q-17	SC-000656-00		Screw(M4×L30)	컨트롤박스 팬 고정나사	4	
Q-19	10-004M-SW68		Screw(M3×L5)	상면커버 고정나사	6	
Q-20	GP-008667-00		Insulation Plate	절연 플레이트	3	
Q-21	BD-000339-03		Backplane Board	백플레인 보드	1	
	BD-000717-00	ES	Backplane Board (750W)	백플레인 보드 (750W)	1	
Q-22	10-020M-SW66		Screw(M3×L12)	백플레인 보드 고정나사 (조)	18	
Q-23	GP-013767-01		Rear Cover	후면커버	1	
Q-24	10-004M-SW68		Screw(M3×L5)	후면커버 고정나사	6	
Q-25	EP-000039-00		SMPS	SMPS	1	
Q-26	GP-008701-05		SMPS Bracket	SMPS 브라켓	1	
Q-27	10-002S-SW66		Screw(M3×L8)	SMPS 고정나사(조)	5	
Q-28	BD-000315-04		DDC Board	DDC 보드	1	
Q-29	10-002S-SW66		Screw(M3×L8)	DDC 보드 고정나사(조)	6	
Q-30	GP-013167-00		Digital Board Bracket	디지털 보드 브라켓	1	
Q-31	BD-000334-06		Digital Board	디지털 보드	1	
	BD-000716-01	ES	Digital Board (750W)	디지털 보드 (750W)	1	
Q-32	BD-000869-00	10	486 CPU Card	486 CPU 카드	1	Sep.15.09
	BD-000338-12	10	CPU Card	CPU 카드	1	May.19.09
	BD-000338-11	10	CPU Card	CPU 카드	1	Jan.05.09
	BD-000338-09	10	CPU Card	CPU 카드	1	
	BD-000870-00	20,22,23	486 CPU Card	486 CPU 카드	1	Sep.15.09
	BD-000507-07	20,22,23	CPU Card	CPU 카드	1	Feb.10.09
	BD-000507-06	20,22,23	CPU Card	CPU 카드	1	
	BD-000872-00	China	486 CPU Card	486 CPU 카드	1	Sep.15.09
Q-33	BD-000337-01		FDD Board	FDD 보드	1	
Q-34	GP-021873-00		Digital Board Radiator Sheet	디지털 보드 방열시트	1	
Q-35	GP-016176-00		Digital Board Stud(A)	디지털 보드 스테드 (A)	2	
Q-36	10-006S-AT10		Digital Board Stud(B)	디지털 보드 스테드 (B)	4	
Q-37	01-101B-OT10		I/O Board Isolated Bushing(A)	I/O 보드 절연 부싱(A)	2	
Q-38	10-109C-3701		I/O Board Isolated Bushing(B)	I/O 보드 절연 부싱(B)	4	
Q-39	SC-000373-00		Screw(M2.5×L5)	FDD 컨넥터 고정나사	2	
Q-40	10-028S-SC53		Screw(M3×L7)	디지털 보드 고정나사(조)	6	
Q-41	10-073S-3701		Screw(M3×L8)	I/O 보드 고정나사(조)	4	
Q-42	10-028S-SC53		Screw(M3×L7)	FDD 보드 고정나사(조)	2	
Q-43	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
Q-44	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사	2	
Q-45	SC-000507-00		Screw(M3.5×L6)	디지털 보드 브라켓 고정나사	2	
Q-46	GP-013166-00		Step Board Bracket	스텝 보드 브라켓	1	
Q-47	GP-013685-00		Step Board Radiator	스텝 보드 방열판	1	
Q-48	SC-001272-00		Screw(M4×L8)	스텝보드 방열판 고정나사	4	
Q-49	GP-014003-00		Step Board Radiator Sheet(A)	스텝보드 방열시트 (A)	2	



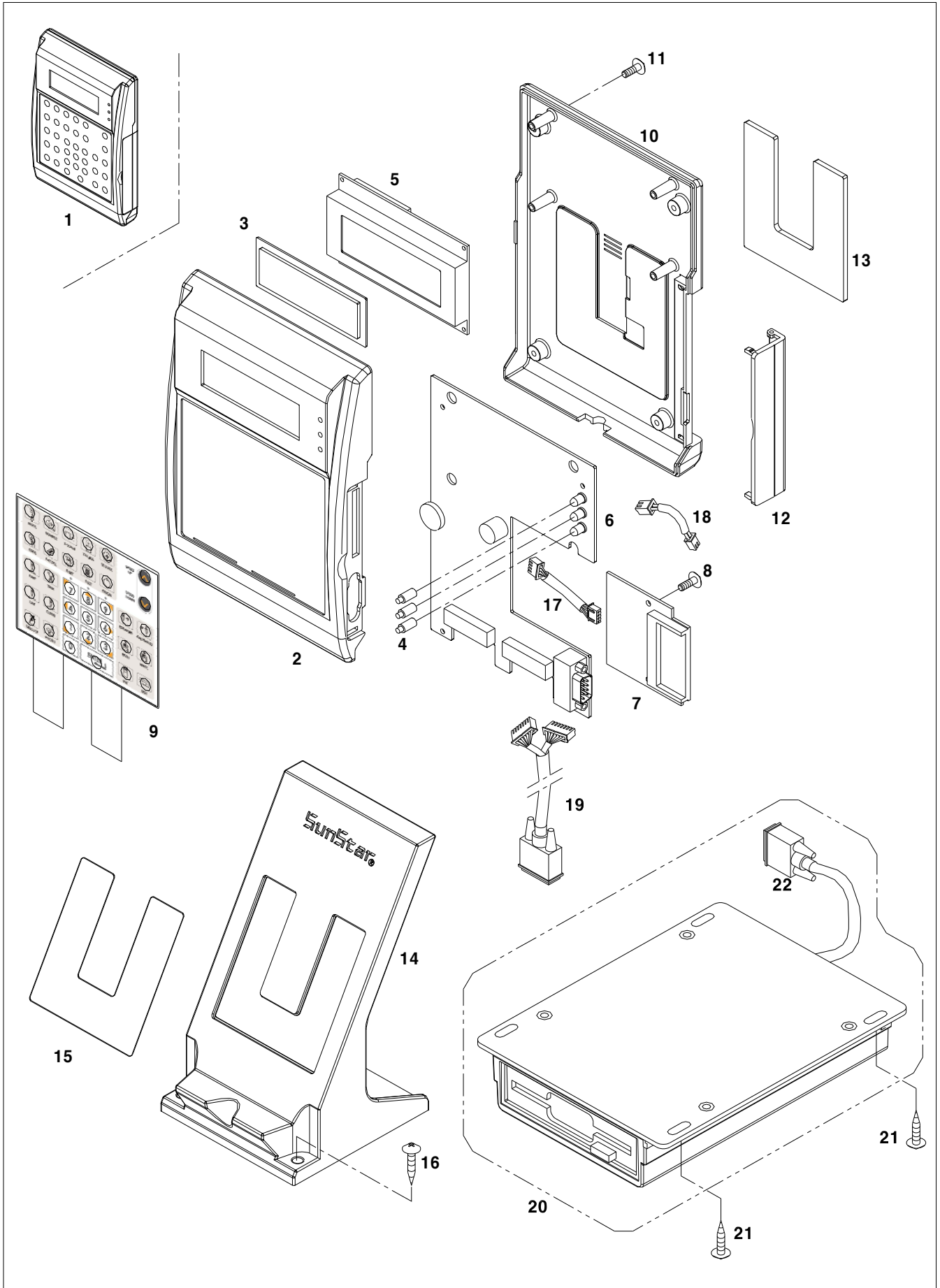
Control Box Mechanism

컨트롤 박스 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
Q-50	BD-000336-08		PQ-Step Board	PQ 스텝보드	1	May.19.09
Q-51	BD-000335-10		XY-Step Board	XY 스텝보드	1	May.19.09
Q-52	10-002S-SW66		Screw(M3×L8)	스텝 보드 고정나사 (조)	8	
Q-53	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
Q-54	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사	2	
Q-55	10-073S-3701		Screw(M3.5×L6)	스텝 보드 브라켓 고정나사	2	
Q-56	BD-000441-05		Main Board	주축보드	1	Sep.15.09
	BD-000441-04		Main Board	주축보드	1	Feb.10.09
	BD-000441-02		Main Board	주축보드	1	
	BD-000538-03	ES	Main Board (750W)	주축보드 (750W)	1	Sep.15.09
Q-57	GP-007203-00		Main Board Radiator	주축 보드 방열판	1	
Q-58	10-012M-PT10		Main Board Stud	주축 보드 스테드	3	
Q-59	01-003S-2070		Screw(M4×L16)	브릿지다이오드 고정나사(조)	1	
Q-60	10-003M-PT10		Screw(M4×L10)	IPM 고정나사(조)	2	
Q-61	GP-008670-04		Main Board Bracket	주축 보드 브라켓	1	
Q-62	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
Q-63	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사	2	
Q-64	10-002S-SW66		Screw(M3×L8)	주축 보드 고정나사 (조)	4	
Q-65	SC-000507-00		Screw(M3.5×L6)	주축 보드 브라켓 고정나사	2	
Q-66	07-004S-SM5S		Screw(M4×L10)	후면커버 접지나사(조)	1	
Q-67	GP-014059-00		Connector Cover	컨넥터 커버	1	
Q-68	10-003M-PT10		Screw(M4×L10)	컨넥터 커버 고정나사	2	
Q-69	GP-008660-01		Cable Cover	케이블 커버	1	
Q-70	10-003M-PT01		Screw(M4×L8)	케이블 커버 고정나사	4	
Q-71	GP-014284-00		Digital Board Sticker	디지털 보드 스티커	1	
Q-72	GP-014258-00		Step Board Sticker	스텝 보드 스티커	1	
Q-73	GP-007713-00		Main Board Sticker	주축 보드 스티커	1	
Q-74	09-023C-SC53		QC Passed Sticker	QC Passed 스티커	1	
Q-75	GP-010843-00		Voltage Sticker	전압사양 스티커	1	
Q-76	09-012S-CE53		Earth Sticker	어스스티커	1	
Q-77	04-004S-AU10		Caution Sticker	전원경고스티커	1	
Q-78	04-001C-SE50		Screw(ST4×L8)	콘트롤 박스 고정나사 (A)	4	
Q-79	10-001M-PT01		Screw(M6×L45)	콘트롤 박스 고정나사 (B)	4	
Q-80	10-003S-SW66		Spring Washer(Ø6)	스프링 와셔	4	
Q-81	10-004S-SW66		Washer(Ø6)	평와 셔	4	
Q-82	91-001C-BT10		Urethane Washer	우레탄 와셔	4	
Q-83	91-001C-PT10		Table Washer	테이블 와셔	4	
Q-84	CA-000342-00		SMPS Connecting Cable1	SMPS 연결 케이블1(입력)	1	
Q-85	CA-000343-00		SMPS Connecting Cable2	SMPS 연결 케이블2(출력)	1	
Q-87	CA-000750-00		Key Input Cable	키 입력 케이블	1	
Q-88	CA-000751-00		CPU Card communication Cable	CPU 카드 직렬 통신 케이블	1	
Q-89	CA-000752-00		FDD Signal Input Cable	FDD 신호 입력 케이블	1	
Q-90	CA-000753-00		FDD Power Input Cable	FDD 전원 입력 케이블	1	
Q-91	GP-027061-00		Fan Bracket	팬 브라켓	1	
Q-92	10-002S-SW66		Screw(M3×L8)	팬 브라켓 고정나사	2	
Q-93	01-100B-PEUP		SMPS Bracket Ass'y	SMPS 브라켓(조)	1Set	
Q-94	01-200B-3020		Digital Bracket Ass'y	디지털 브라켓(조)	1Set	
Q-95	01-300B-3020		X-Y Bracket Ass'y	X-Y 브라켓(조)	1Set	
Q-96	01-400B-PEUP		MMD Bracket Ass'y	MMD 브라켓(조)	1Set	
Q-97	15-026M-1000		Cable Tie(4 inch)	케이블 타이(4인치)	8	
Q-98	91-010C-1701		Cable Tie(5.5 inch)	케이블 타이(5.5인치)	6	
Q-99	EP-000207-00		Cable Holder	케이블 잡이	1	
Q-100	GP-038750-00	ES	Main Motor 750W Sticker	주축 모터 750W 표기 스티커	1	
Q-101	GP-046265-00		486 CPU Card Sticker	486 CPU 카드 표시 스티커	1	Sep.15.09

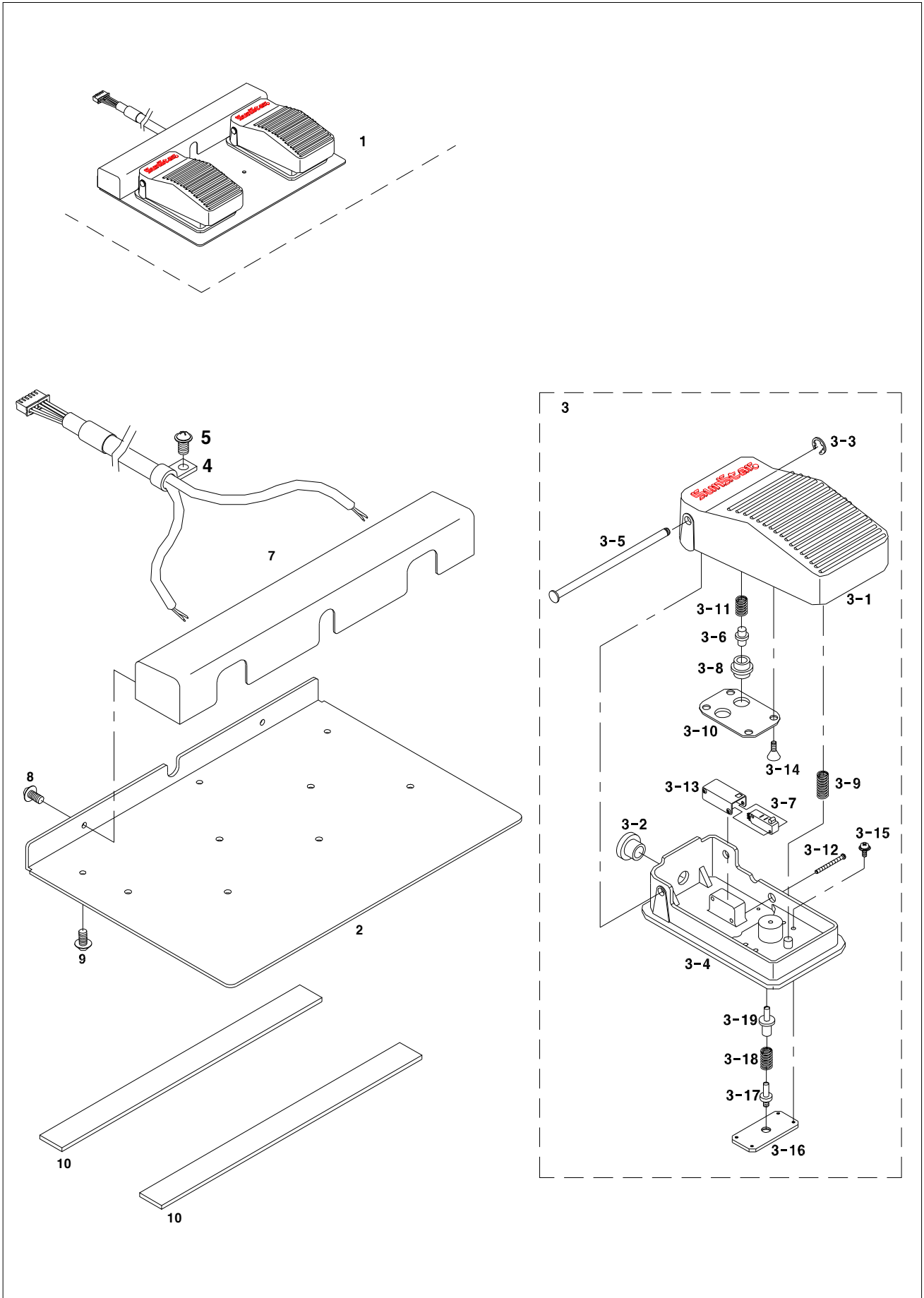


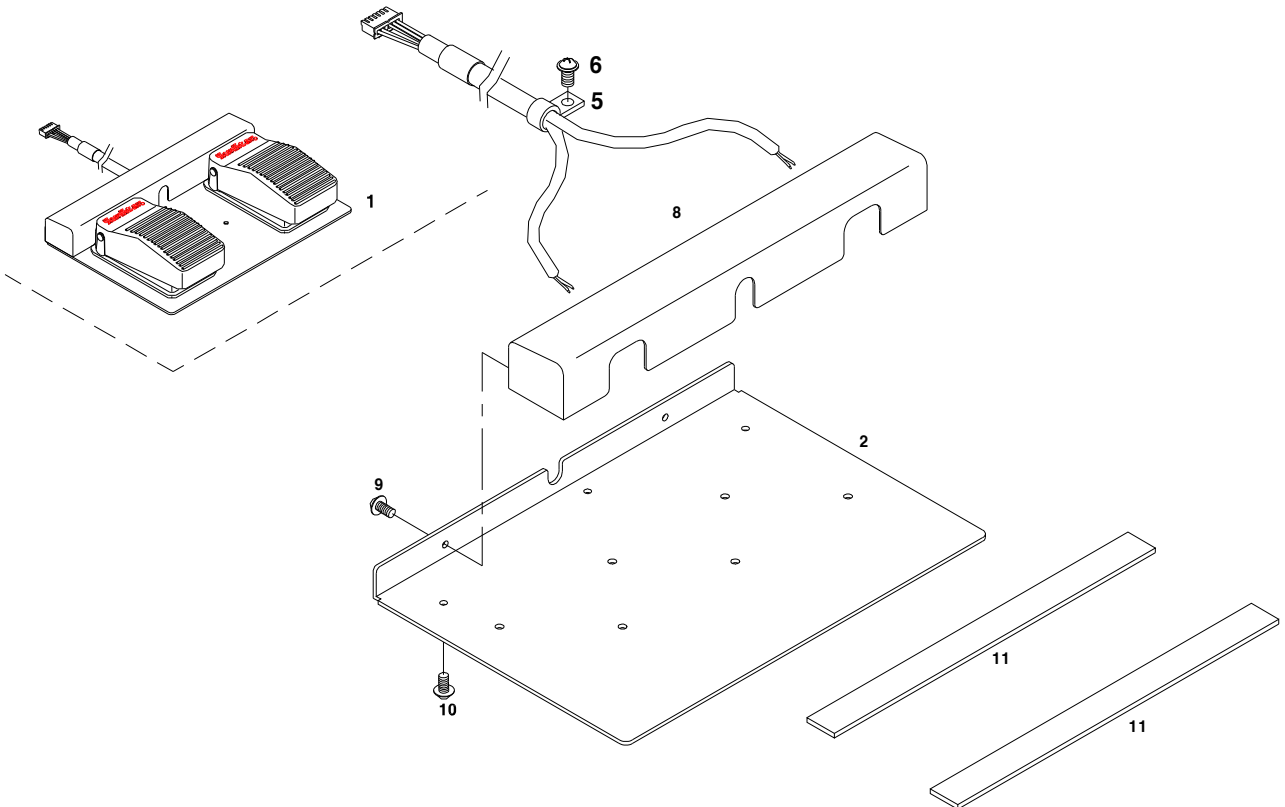
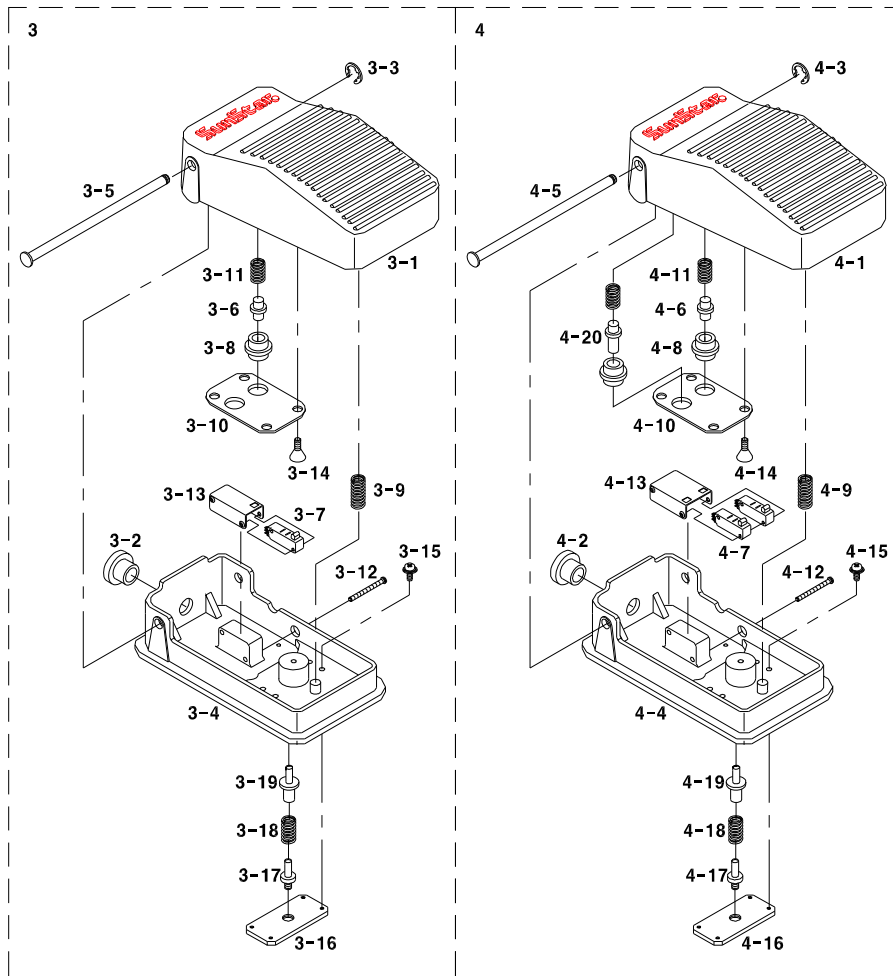
Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Applied Period
R-1	EA-000051-02		Operation Box(Assy)	오퍼레이션 박스(조)	1	
R-2	GP-013290-00		Front Cover	전면커버	1	
R-3	GP-013292-00		LCD Cover	LCD 커버	1	
R-4	GP-013699-00		LCD Window	LED 원도우	3	
R-5	-		LCD	LCD	1	
R-6	BD-000399-04		OP Board	OP 보드	1	
R-7	BD-000400-00		CF Card Reader Board	CF CARD 리더보드	1	
R-8	SC-000495-00		Fixing Screw For CF Card Reader Board	CF CARD 리더보드 고정나사(ST2.9xL8)	2	
R-9	GP-013462-00		Membrane Switch	멤브레인 스위치	1	
R-10	GP-013291-00		Rear Cover	후면커버	1	
R-11	SC-000495-00		Fixing Screw For Rear Cover	후면커버 고정나사(ST2.9xL8)	4	
R-12	GP-013293-00		Port Cover	포트커버	1	
R-13	GP-013463-00		Magnet	고무자석	1	
R-14	GP-014904-00		Stand For OP Box	OP Box 스탠드	1	
R-15	GP-014907-00		OP Stand Fix Plate	OP 스탠드 고정 판	1	
R-16	04-001C-SE50		Fixing Screw For OP Box Stand	OP Box 스탠드 고정나사(ST5xL16)	4	
R-17	CA-001068-00		CF Card Cable	CF 카드 통신연결 케이블	1	
R-18	CA-001069-00		CF Card Power Cable	CF 카드 전원연결 케이블	1	
R-19	CA-002729-00		OP UNIT Cable	OP UNIT 연결 케이블	1	
R-20	EP-000474-00	Option	FDD Ass'y	외장형 FDD	1	Sep.09.09
	EP-000073-01	Option	FDD Ass'y	외장형 FDD	1	
R-21	04-011C-SE50	Option	Screw(ST5xL16)	고정나사	4	
R-22	CA-002250-00	Option	FDD Connecting Cable	FDD 연결케이블	1	

S

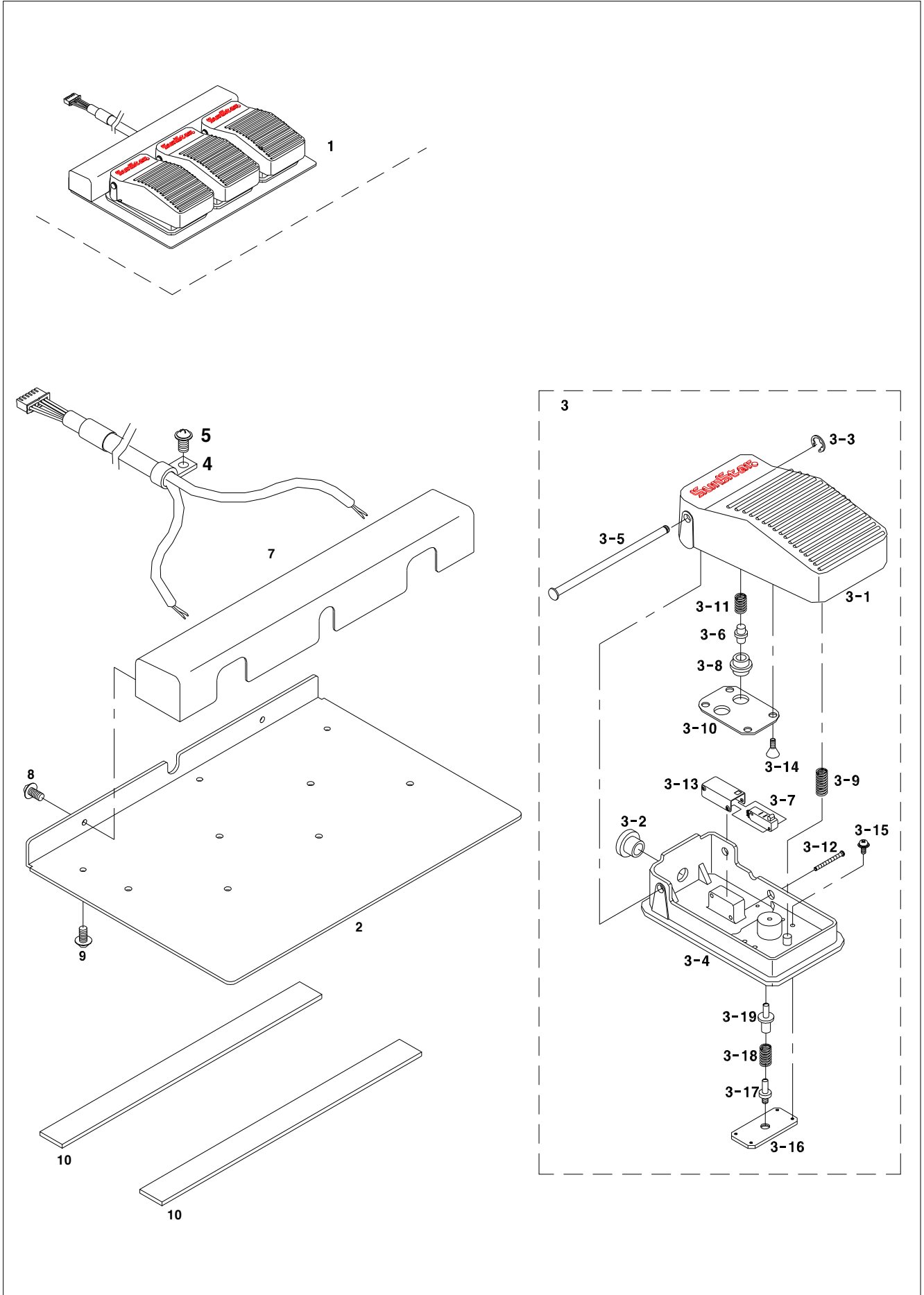
Pedal Mechanism

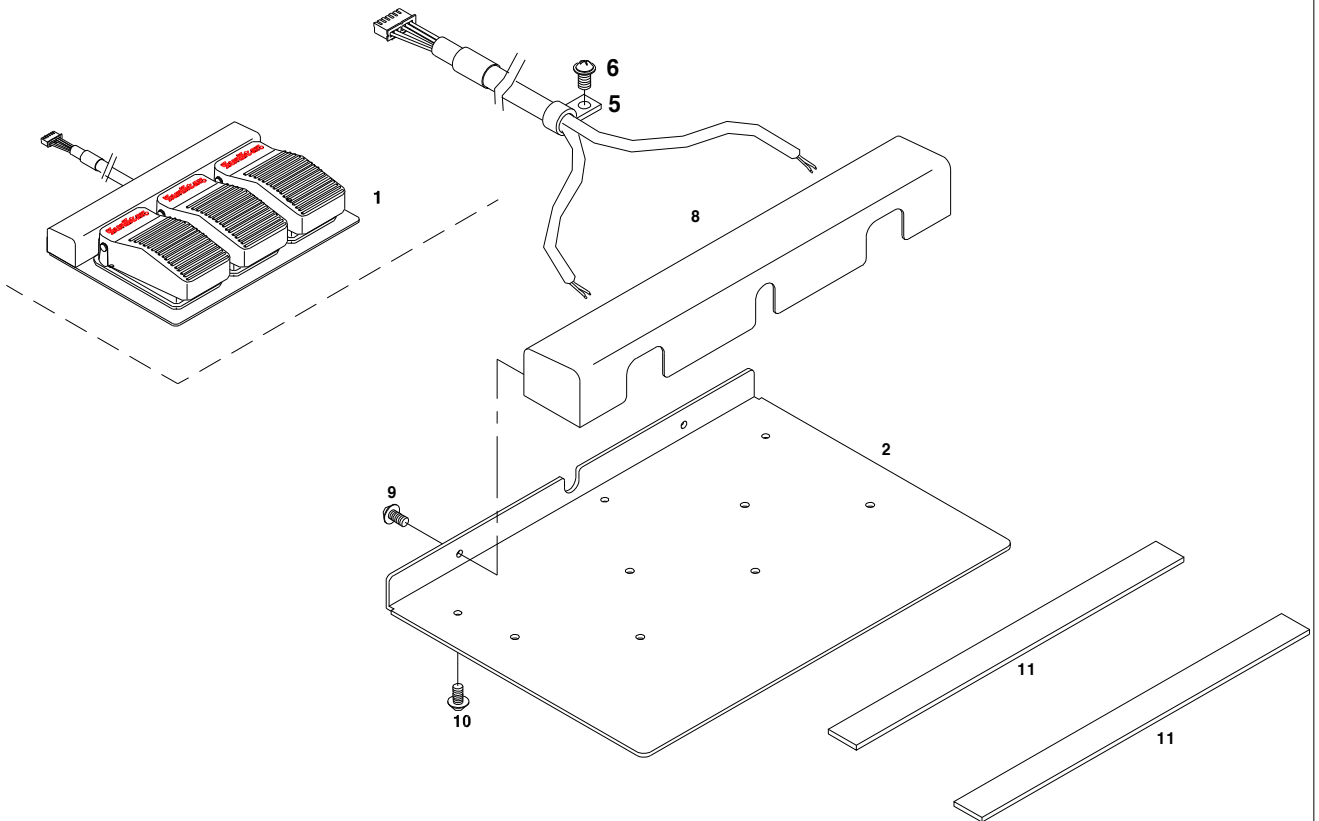
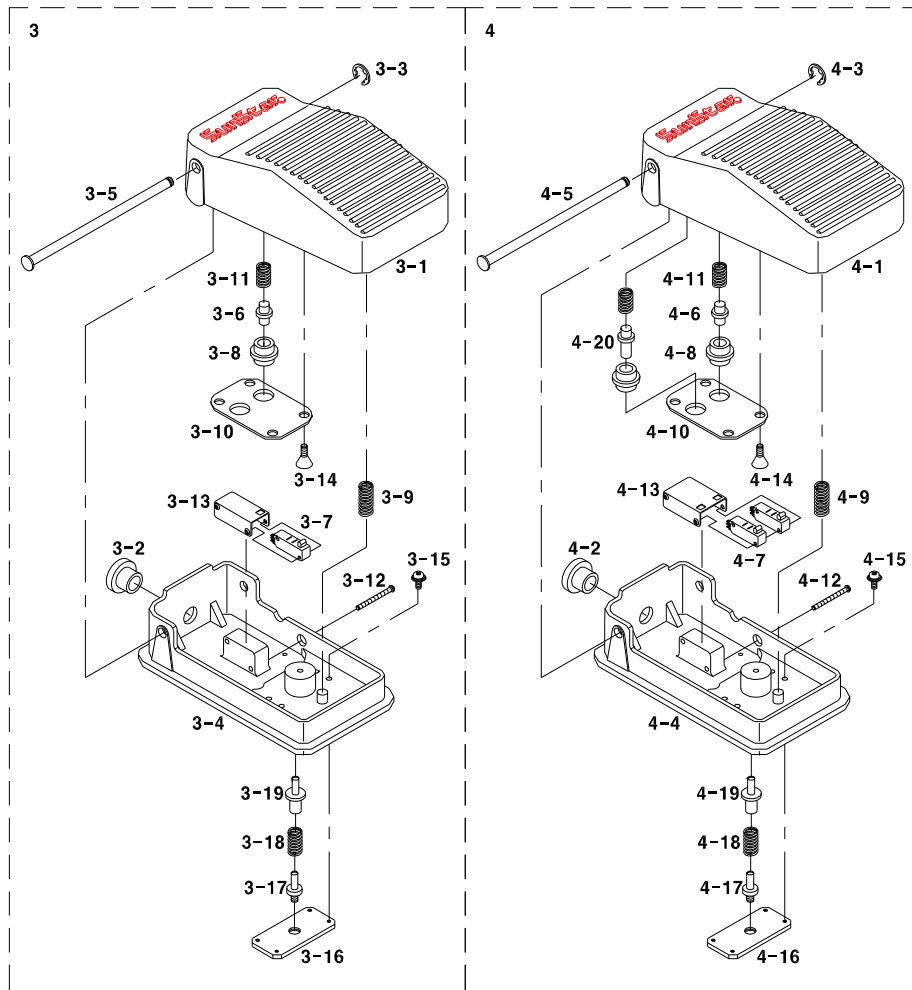
페달 관계



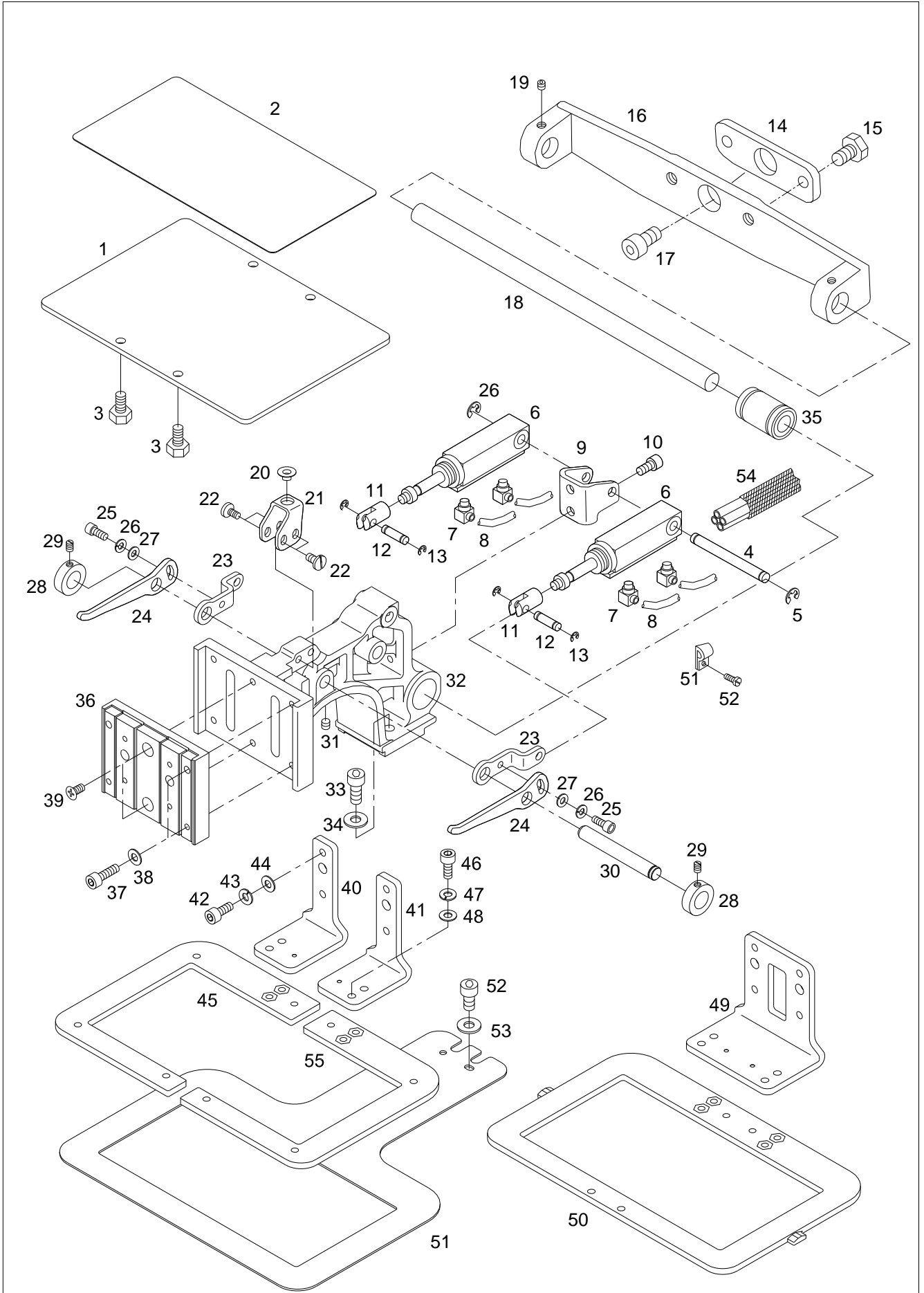


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
S-1	11-012A-PT11		Foot Switch Ass'y	입식 (조)	1Set	
S-2	11-006A-PT11		Base Foot Switch	입식 페달 베이스	1	
S-3	11-1000-PT11		One Step Stroke Ass'y	1단 발판 스위치(조)	1Set	
S-3-1	10-001A-PT11		Cover	발판스위치 커버	1	
S-3-2	10-001C-PT11		Bushing	스냅 부상	1	
S-3-3	10-001S-SW68		E-Ring	E-링	1	
S-3-4	10-002A-PT11		Switch Base	발판 스위치 베이스	1	
S-3-5	10-003A-PT11		Switch Shaft	발판 스위치 축	1	
S-3-6	10-003B-PT11		Stopper C	발판 스토퍼 C	1	
S-3-7	10-004A-PT11		MICRO SWITCH	마이크로 스위치	1	
S-3-8	10-005B-PT11		Stopper B	발판 스토퍼 B	1	
S-3-9	10-006S-PT11		Stopper A	발판 스토퍼 A	1	
S-3-10	10-007B-PT11		Guide Cover	발판 가이드 커버	1	
S-3-11	10-007S-PT11		Spring B	발판 스프링B	1	
S-3-12	10-009M-PT11		Screw	스위치 첩나사	1	
S-3-13	10-018B-PT11		Switch Cover (S)	발판스위치 커버(소)	1	
S-3-14	10-021M-SW66		Screw Guide Cover(M3×L6)	가이드 커버 조임나사	4	
S-3-15	10-002S-SW66		Screw Ass'y (M3×L8)	가이드 베이스 조임 나사	4	
S-3-16	10-006B-PT11		Guide Base	가이드 베이스	1	
S-3-17	10-005B-PT11		Guide A	가이드 A	1	
S-3-18	10-007S-PT11		Spring C	스프링 C	1	
S-3-19	10-006S-PT11		Stopper A	스토퍼 A	1	
S-4	11-2000-PT11		Two Step Stroke Ass'y	2단 발판 스위치(조)	1Set	
S-4-1	10-001A-PT11		Cover	발판스위치 커버	1	
S-4-2	10-001C-PT11		Bushing	스냅 부상	1	
S-4-3	10-001S-SW68		E-Ring	E-링	1	
S-4-4	10-002A-PT11		Switch Base	발판 스위치 베이스	1	
S-4-5	10-003A-PT11		Switch Shaft	발판 스위치 축	1	
S-4-6	10-003B-PT11		Stopper C	발판 스토퍼 C	1	
S-4-7	10-004A-PT11		MICRO SWITCH	마이크로 스위치	2	
S-4-8	10-005B-PT11		Stopper B	발판 스토퍼 B	1	
S-4-9	10-006S-PT11		Stopper A	발판 스토퍼 A	1	
S-4-10	10-007B-PT11		Guide Cover	발판 가이드 커버	1	
S-4-11	10-007S-PT11		Spring B	발판 스프링B	1	
S-4-12	10-009M-PT11		Screw	스위치 첩나사	1	
S-4-13	10-007B-PT11		Switch Cover (L)	발판스위치 커버(대)	1	
S-4-14	10-021M-SW66		Screw Guide Cover(M3×L6)	가이드 커버 조임나사	4	
S-4-15	10-002S-SW66		Screw Ass'y (M3×L8)	가이드 베이스 조임 나사	4	
S-4-16	10-006B-PT11		Guide Base	가이드 베이스	1	
S-4-17	10-005B-PT11		Guide A	가이드 A	1	
S-4-18	10-007S-PT11		Spring C	스프링 C	1	
S-4-19	10-006S-PT11		Stopper A	스토퍼 A	1	
S-4-20	10-002B-PT11		Stopper B	스토퍼 B	1	
S-5	08-015C-3701		Clip 4N	클립 4N	1	
S-6	SC-000683-00		Screw Clamping Cable Ass'y(M4×L10)	케이블 잡이 조임나사(조)	1Set	
S-8	11-007A-PT11		Cover Foot Switch	입식 페달 베이스 커버	1	
S-9	SC-000683-00		Screw Ass'y For "A"Foot Switch Cover (M4×L10)	입식 페달 베이스 커버 조임나사(조) "A"	2Set	
S-10	10-002S-SW66		Screw Ass'y For "B"Foot Switch Cover (M3×L8)	입식 페달 베이스 커버 조임나사(조) "B"	6Set	
S-11	11-002M-PT10		Sponge	스폰지	2	



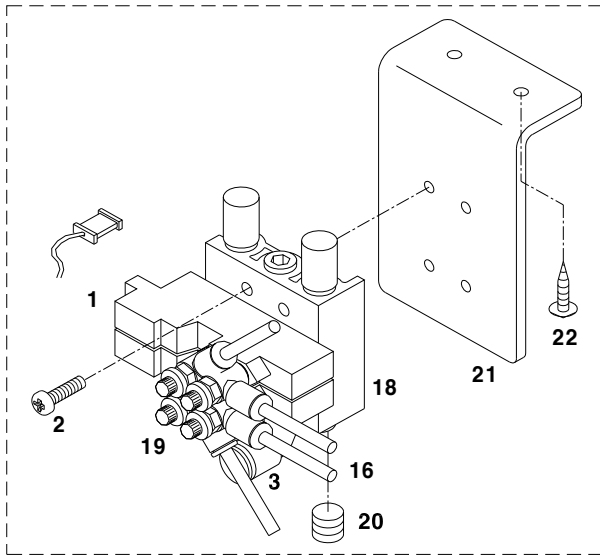


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Assembly No.
S-1	EA-000029-00		Foot Switch Ass'y	입식 (조)	1Set	
S-2	11-006A-PT11		Base Foot Switch	입식 페달 베이스	1	
S-3	11-1000-PT11		One Step Stroke Ass'y	1단 발판 스위치(조)	2Set	
S-3-1	10-001A-PT11		Cover	발판스위치 커버	2	
S-3-2	10-001C-PT11		Bushing	스냅 부싱	2	
S-3-3	10-001S-SW68		E-Ring	E-링	2	
S-3-4	10-002A-PT11		Switch Base	발판 스위치 베이스	2	
S-3-5	10-003A-PT11		Switch Shaft	발판 스위치 축	2	
S-3-6	10-003B-PT11		Stopper C	발판 스토퍼 C	2	
S-3-7	10-004A-PT11		MICRO SWITCH	마이크로 스위치	2	
S-3-8	10-005B-PT11		Stopper B	발판 스토퍼 B	2	
S-3-9	10-006S-PT11		Stopper A	발판 스토퍼 A	2	
S-3-10	10-007B-PT11		Guide Cover	발판 가이드 커버	2	
S-3-11	10-007S-PT11		Spring B	발판 스프링B	2	
S-3-12	10-009M-PT11		Screw	스위치 쥘나사	2	
S-3-13	10-018B-PT11		Switch Cover (S)	발판스위치 커버(소)	2	
S-3-14	10-021M-SW66		Screw Guide Cover(M3×L6)	가이드 커버 조임나사	8	
S-3-15	10-002S-SW66		Screw Ass'y (M3×L8)	가이드 베이스 조임 나사	8	
S-3-16	10-006B-PT11		Guide Base	가이드 베이스	2	
S-3-17	10-005B-PT11		Guide A	가이드 A	2	
S-3-18	10-007S-PT11		Spring C	스프링 C	2	
S-3-19	10-006S-PT11		Stopper A	스토퍼 A	2	
S-4	11-2000-PT11		Two Step Stroke Ass'y	2단 발판 스위치(조)	1Set	
S-4-1	10-001A-PT11		Cover	발판스위치 커버	1	
S-4-2	10-001C-PT11		Bushing	스냅 부싱	1	
S-4-3	10-001S-SW68		E-Ring	E-링	1	
S-4-4	10-002A-PT11		Switch Base	발판 스위치 베이스	1	
S-4-5	10-003A-PT11		Switch Shaft	발판 스위치 축	1	
S-4-6	10-003B-PT11		Stopper C	발판 스토퍼 C	1	
S-4-7	10-004A-PT11		MICRO SWITCH	마이크로 스위치	2	
S-4-8	10-005B-PT11		Stopper B	발판 스토퍼 B	1	
S-4-9	10-006S-PT11		Stopper A	발판 스토퍼 A	1	
S-4-10	10-007B-PT11		Guide Cover	발판 가이드 커버	1	
S-4-11	10-007S-PT11		Spring B	발판 스프링B	1	
S-4-12	10-009M-PT11		Screw	스위치 쥘나사	1	
S-4-13	10-007B-PT11		Switch Cover (L)	발판스위치 커버(대)	1	
S-4-14	10-021M-SW66		Screw Guide Cover(M3×L6)	가이드 커버 조임나사	4	
S-4-15	10-002S-SW66		Screw Ass'y (M3×L8)	가이드 베이스 조임 나사	4	
S-4-16	10-006B-PT11		Guide Base	가이드 베이스	1	
S-4-17	10-005B-PT11		Guide A	가이드 A	1	
S-4-18	10-007S-PT11		Spring C	스프링 C	1	
S-4-19	10-006S-PT11		Stopper A	스토퍼 A	1	
S-4-20	10-002B-PT11		Stopper B	스토퍼 B	1	
S-5	08-015C-3701		Clip 4N	클립 4N	1	
S-7	SC-000683-00		Screw Clamping Cable Ass'y(M4×L10)	케이블 잠이 조임나사(조)	1Set	
S-8	11-007A-PT11		Cover Foot Switch	입식 페달 베이스 커버	1	
S-9	SC-000683-00		Screw Ass'y For "A"Foot Switch Cover (M4×L10)	입식 페달 베이스 커버 조임나사(조) "A"	2Set	
S-10	10-002S-SW66		Screw Ass'y For "B"Foot Switch Cover (M3×L8)	입식 페달 베이스 커버 조임나사(조) "B"	6Set	
S-11	11-002M-PT10		Sponge	스폰지	2	

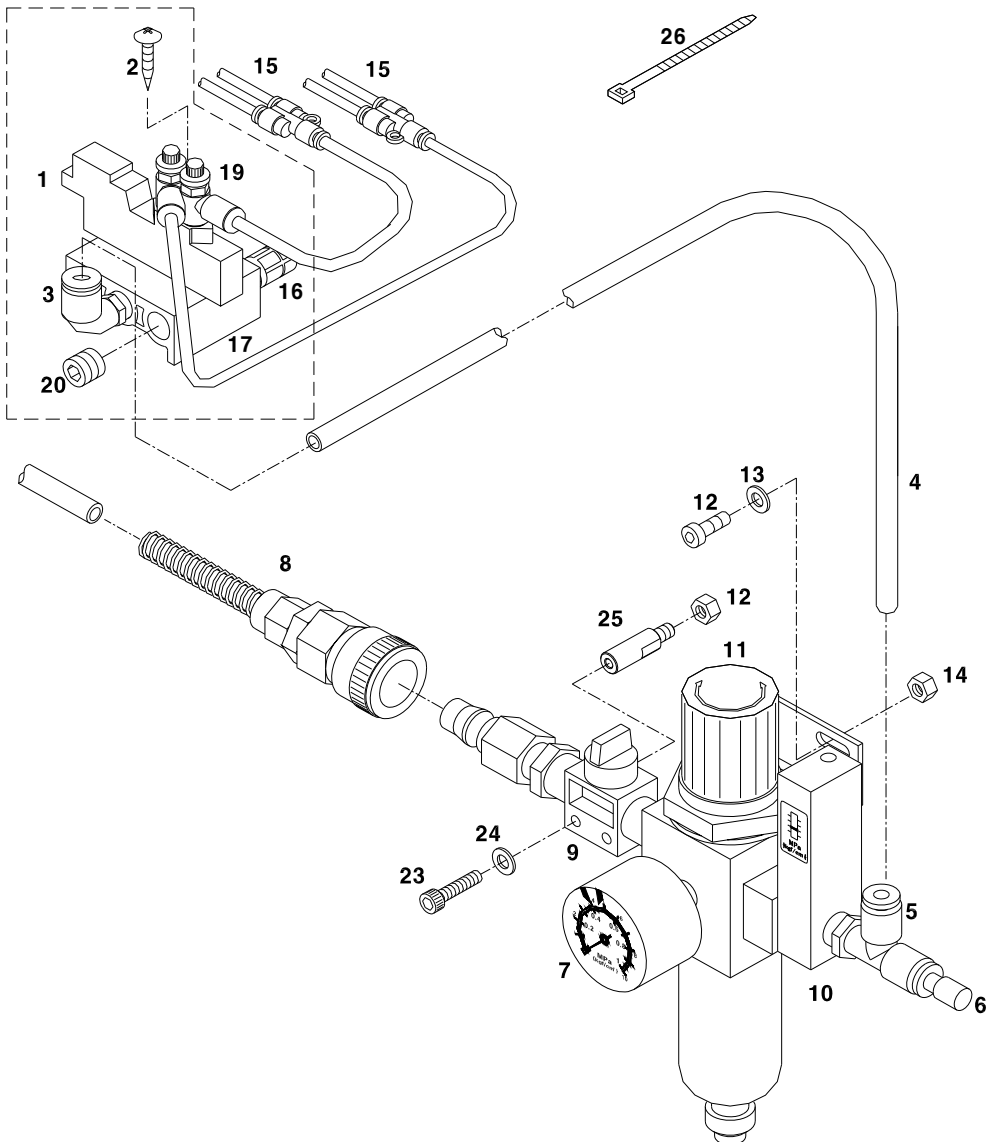


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
T-1	21A001S-306H		Presser Plate	누름판	1	
T-2	21S048S-306H		Presser Plate Sheet	누름판 시트	1	
T-3	21S058S-306H		Screw(3/16"n=28)	누름판 짐나사(3/16"N=28)	4	
T-4	22A026S-306H		Cylinder Shaft	실린더 축	1	
T-5	PSR-AC000200		E-Ring	실린더 축 E-링(Ø5)	2	
T-6	22A063S-306H		Air Cylinder	에어 실린더	2	
T-7	PPP-AA000100		Air Elbow	에어 엘보우	4	
T-8	PPP-AD000100		Air Hose	에어 호스(Ø4)	4	
T-9	22A024S-306H		Cylinder Base	실린더 베이스	1	
T-10	SC-0164-7400		Screw(M5×L10)	베이스 짐나사(M5×L10)	2	
T-11	22A030S-306H		Cylinder Knuckle	실린더 너클	2	
T-12	DPN-AA000400		Connecting Link Shaft	연결 링크 축	2	
T-13	PSR-AC000300		E-Ring	링크 축 E-링(Ø3)	4	
T-14	CYF-BB001100		Y-Moving Shaft Bracket	Y 이송 축 브라켓	1	
T-15	DSC-AA000800		Screw(15/64"n=28)	브라켓 짐나사(15/64"n=28)	2	
T-16	CYF-BB001000		X-Guide Shaft Bracket	X 가이드 축 브라켓	1	
T-17	PSC-AC004600		Screw(M6×L10)	Y 이송 축 짐나사(M6×L10)	1	
T-18	CYF-KC000800		X-Guide Shaft	X 가이드 축	1	
T-19	DSC-CA000400		Screw(M5×P0.8)	X-가이드 축 고정나사(M5×P0.8)	2	
T-20	22A043S-306H		Clamp Shaft Holder	클램프 축 홀더	1	
T-21	22A042S-306H		Slider Base	슬라이더 베이스	1	
T-22	DSC-BJ000200		Screw(11/64"n=40)	베이스 짐나사(11/64"n=40)	4	
T-23	GP-013209-00		Link Plate A	링크 판 A	2	
T-24	22A035S-306H		Link Plate B	링크 판 B	2	
T-25	PSC-AC001500		Screw(M4×P0.7)	링크판 짐나사(M4×P0.7)	2	
T-26	PWS-CA000700		Spring Washer	스프링 와셔	2	
T-27	DWS-AA001100		Washer	짐나사 와셔	2	
T-28	DCL-AA001500		Lifting Lever Shaft Collar	올림 레버 축 카라	2	
T-29	DSC-CA000400		Screw(11/64"n=40)	카라 짐나사(11/64"n=40)	4	
T-30	CCP-KC000300		Lifting Lever Shaft	올림 레버 축	1	
T-31	DSC-CB000700		Screw(M5×P0.8)	올림레버 축 짐나사(M5 X P0.8)	1	
T-32	CCP-BB000900		Feed Bracket	피이드 브라켓	1	
T-33	PSC-AC003200		Screw(M6×P1)	피이드 브라켓 고정나사(M6×P1)	2	
T-34	PWS-AA000300		Washer	고정나사 와셔	2	
T-35	PBR-FA000400		Ball Bush	X 가이드 축 볼 부시	1	
T-36	ACP-PS000500		Clamp Guide(Ass'y)	클램프 가이드(조)	1Set	
T-37	PSC-AC005000		Screw(M4×L20)	클램프 가이드 짐나사A (M4×L20)	4	
T-38	DWS-AA001100		Washer	짐나사A 와셔	4	
T-39	PSC-AC003500		Screw(M4×P0.7)	클램프 가이드 짐나사B (M4×P0.7)	2	
T-40	AS-003679-00	22	Feed Plate Clamp (L)	피이드 판 클램프(좌)	1	
T-41	AS-003680-00	22	Feed Plate Clamp (R)	피이드 판 클램프(우)	1	
T-42	PSC-AC003500		Screw(M4×L12)	피이드 판 클램프 고정나사 (M4×L12)	4	
T-43	DWS-AA007300		Spring Washer	스프링 와셔	4	
T-44	PWS-AA001000		Washer	고정나사 와셔	4	
T-45	GP-012836-02	22	Upper Feed Plate (L)	상피이드 판(분리형) (L)	2	
T-46	PSC-AC000200		Screw(M4×L10)	상피이드 판 고정나사 (M4×L10)	4	
T-47	DWS-AA007300		Spring Washer	스프링 와셔	4	
T-48	PWS-AA001000		Washer	고정나사 와셔	4	
T-49	ACP-PS000400	20	Feed Plate Clamp Ass'y	피이드 판 클램프(조)	1Set	
T-50	CGA-GK000501	20	Upper Feed Plate	상피이드 판	1	
T-51	CGA-GJ000700		Lower Feed Plate	하피이드 판	1	
T-52	PSC-AC004600		Screw(M6×L10)	하피이드 판 고정나사(M6×L10)	2	
T-53	PWS-AA000600		Washer	고정나사 와셔	2	
T-54	49-018A-12HA		Hose Cover	호스 커버	1	
T-55	GP-047601-00	22	Upper Feed Plate (R)	상피이드 판(분리형) (R)	2	

22-Series



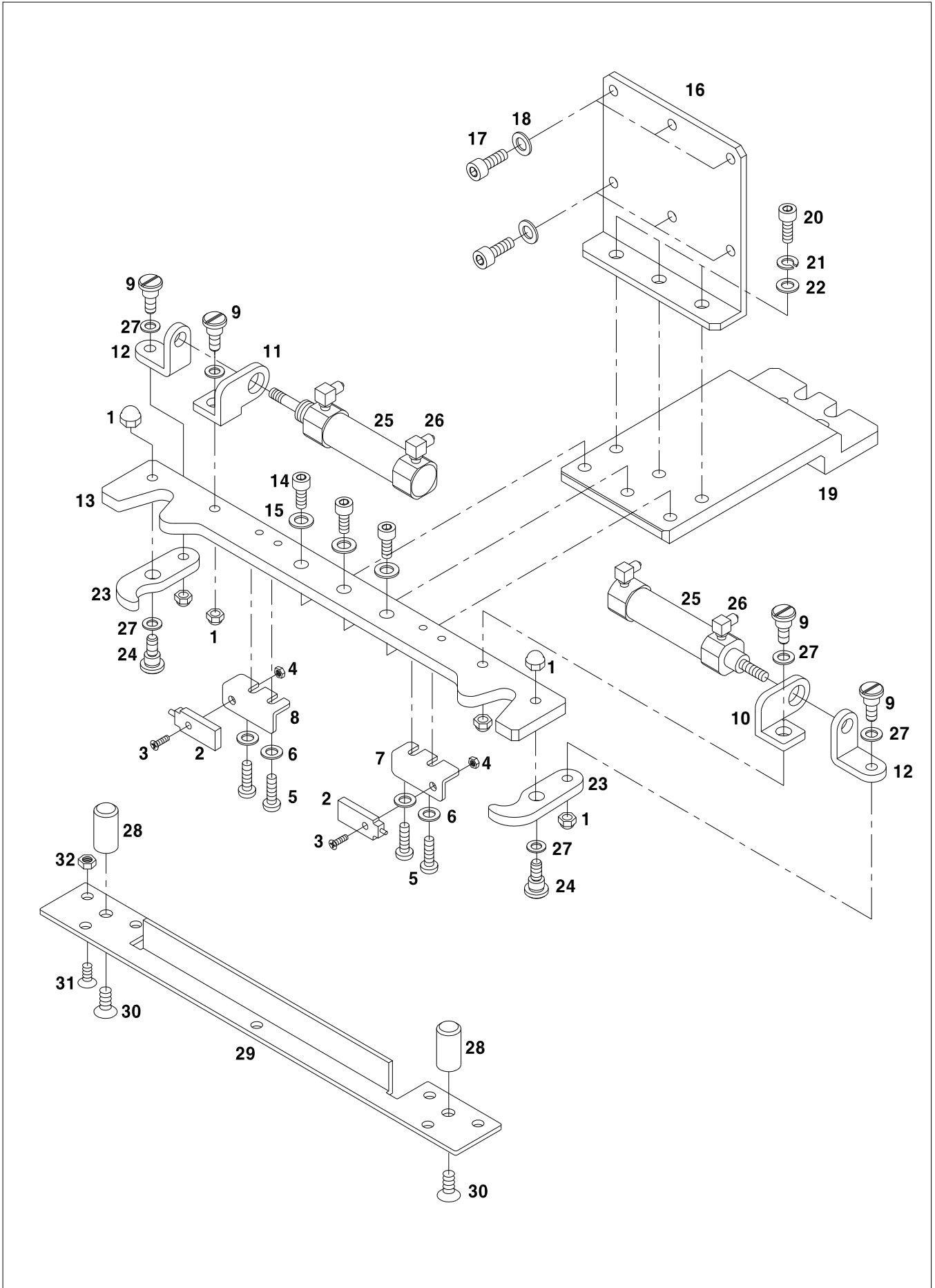
20-Series





Pneumatic Hook Cloth Feed Mechanism

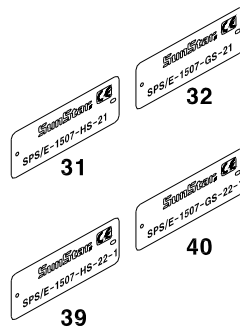
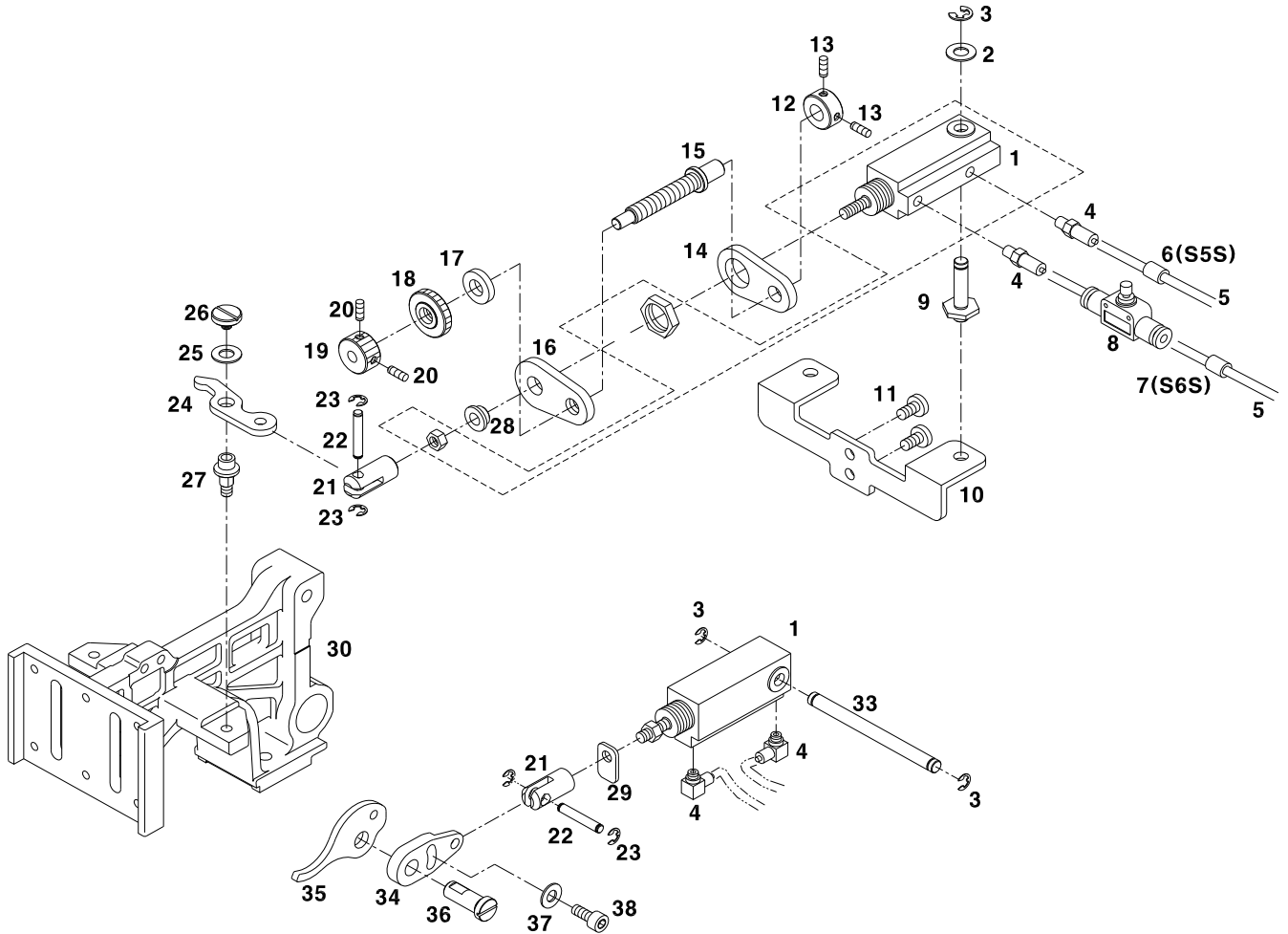
공압식 훅크형 Cloth 피이드 관계



V1

Pneumatic 2 Step Stroke Feeding Frame Mechanism

공압식 2단 스트로크형 피이드 관계(SPS/E-1507-21(22-1))





Cable Mechanism

케이블 관계

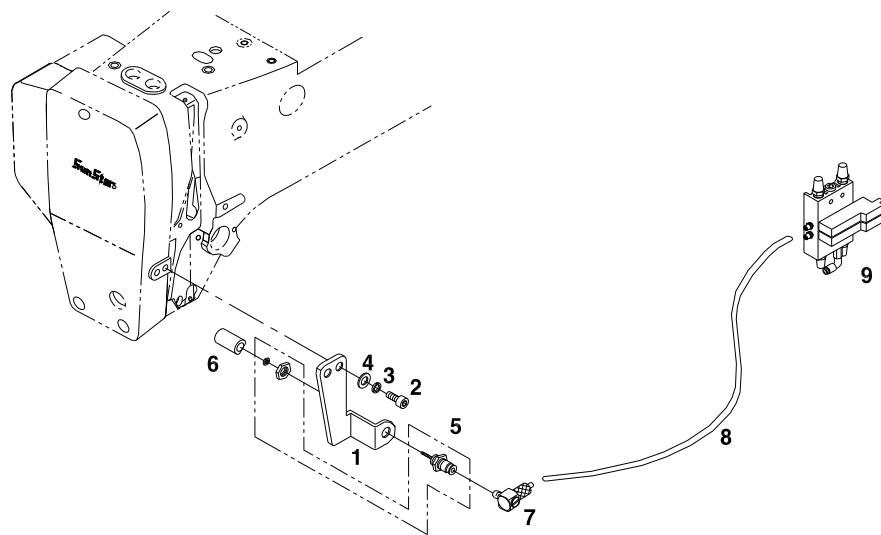


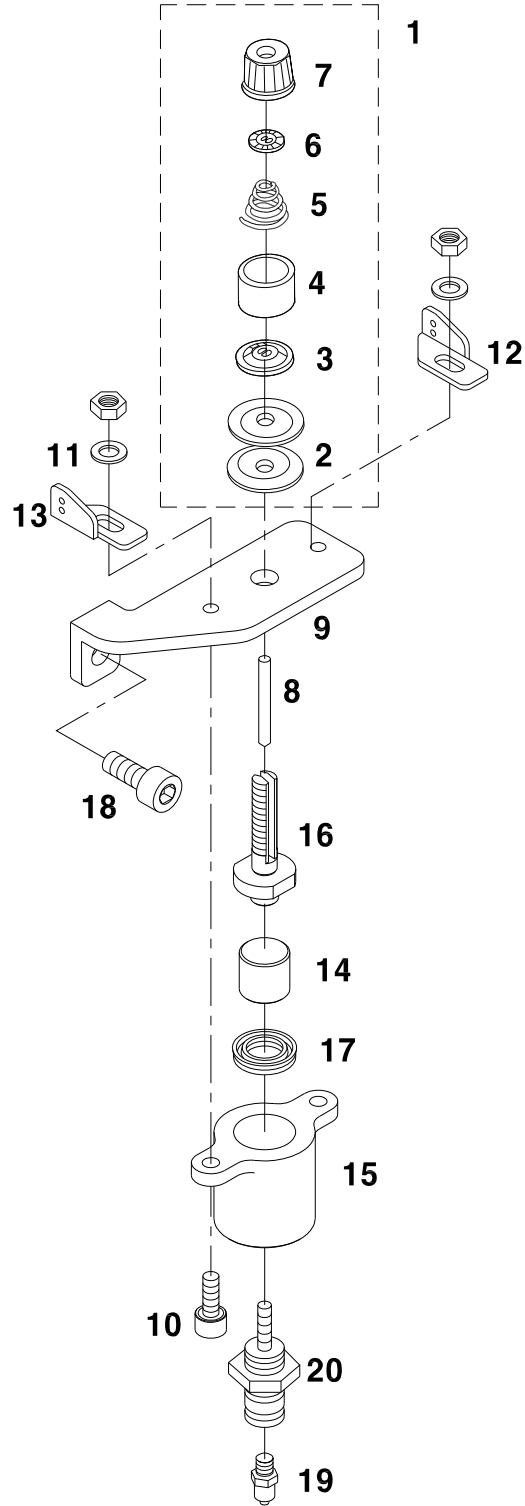
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
W-1	CA-000751,00		CPU Card communication Cable	CPU 카드 직렬 통신 케이블	1	
W-2	CA-000750,00		Key Input Cable	키 입력 케이블	1	
W-3	CA-000752,00		FDD Signal Input Cable	FDD 신호 입력 케이블	1	
W-4	CA-000753,00		FDD Power Input Cable	FDD 전원 입력 케이블	1	
W-5	CA-000341,03		Fan Connecting Cable	컨트롤 박스 냉각 팬 케이블	1	
W-6	CA-000343,00		Connecting Cable2	DDC 보드 & SMPS 보드 연결 케이블2	1	
W-7	CA-000342,00		Connecting Cable1	DDC 보드 & SMPS 보드 연결 케이블1	1	
W-8	CA-000339,02		Power Input Cable	외부 전원 입력 케이블	1	
W-9	CA-002729,00		OP UNIT Cable	OP Unit 연결 케이블	1	
W-10	CA-001069,00		CF Card Power Input Cable			
W-11	CA-001068,00		CF Card communication Cable	CF 카드 통신연결 케이블		
W-12	CA-002250,00		FDD Connecting Cable	외장형 FDD 연결 케이블	1	
W-13	CA-001739,01		P-Step Motor Cable	P축 스텝모터 연결 케이블	1	
W-14	CA-001740,01		X-Step Motor Cable	X축 스텝모터 연결 케이블	1	
W-15	CA-001741,00		Y-Step Motor Cable	Y축 스텝모터 연결 케이블	1	
W-16	CA-001742,01		X-Y Sensor Connecting Cable			
W-17	CA-000823,00		Thread detecting Cable	실감지 케이블	1	
W-18-1	CA-001743,02		Sensor Input Cable 2	센서 입력케이블 2	1	
W-18-2	CA-003122,00	Option	Feed Sensor Cable	공압식 Hook형 Cloth 피드판 센서 연결 케이블	1	
W-18-3	CA-003042,00	Option	Auto Call Function□ Cable	Auto Call Function□ 케이블	1	
W-19	CA-001748,02		P-Motor Sensor Cable	P축 근접센서 케이블	1	
W-20	CA-000359,01		head Open Switch Cable			
W-21	STT230-00002		Thread Trimming Solenoid			
W-22-1	SWP300-00001		Wiper Solenoid	와이퍼 솔레노이드	1	
W-22-2	SD-000005,00	23	Inverting Clamp□ Wiper Solenoid	반전장치용 와이퍼 솔레노이드	1	
W-23-1	CA-001744,01	20	Mono-lithic Air Output Cable	일체형 공압 출력 케이블	1	
W-23-2	CA-001746,00	21	Two Step Stroke Air Output Cable	이단스트로크 공압 출력 케이블	1	
W-23-3	CA-001745,00	22	Separately-Driven Air Output Cable	좌우분리형 공압 출력 케이블	1	
W-23-4	CA-001747,00	23	Inverting Clamp Air Output Cable	반전장치 공압 출력 케이블	1	
W-24	CA-003611,00	Option	3rd Thread Adjusting & Thread Holding Air Output Cable	제3 실조절 및 워실 홀딩장치 공압 출력 케이블	1	
W-25	CA-000749,01		Pedal Input Cable	입식페달 입력 연결 케이블	1	
W-26	CA-001749,01		Ground Cable	접지 케이블	1	
W-27	CA-003123,00	Option	BarCode Reader Connecting Cable (BarCode Reader : DS1500)	고정식 바코드 리더기 중간연결 케이블 (BarCode Reader : DS1500)	1	
W-28	CA-003701,00	Option	Bar-Code Reader Connecting Cable (BarCode Reader : BCL22 R1 M312)	고정식 바코드 리더기 중간연결 케이블 (BarCode Reader : BCL22 R1 M312)	1	
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X

Upper Thread Holding Device Mechanism (Option)

윗실 홀딩 장치 관계 (선택 사양)





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