



PARTS BOOK

SPS/D-BH3000

모터직결형 전자 제어어식 본봉
단추구멍재봉기

Direct Drive Electronically
Controlled Lock Stitch Button

PME-121015

Information

A. Parts Book 구성

Structure of Part Book

①
②
③
④
⑤
⑥
⑦
⑧
⑨

A Arm, Bed & Machine Body Mechanism
팔, 침대 및 외장품 관계

Ref. No	Parts No	Note	Name of Parts	품명	Q'ty	Assembly No.
A-1	01-01040-03		Arm	이완	1	
A-2	01-01070-06		Bed	침대	1	
A-3	01-01070-02		Face Plate	면판	1	
A-4	01-01080-01		Face Plate Gasket	면판 가스켓	1	
A-5	01-01174-4122		Screw(1/8"×40)	볼트	10	
A-6	01-01101-1330		Rubber Cap For Face Plate	면판 고무패드	2	
A-7	01-01101-1330		Caution Screw	경고 스크류	1	
A-8	01-01177-03		Turn-up Lever Cover	날개커버	1	
A-9	01-01177-03		Screw(3/8"×40)	볼트(3/8"×40)	1	
A-10	01-01177-03		Bed Cover(L)	침대커버(좌)	1	
A-11	01-01177-03		Bed Cover(R)	침대커버(우)	1	
A-12	01-01177-03		Bed Cover(Gasket)	침대커버 가스켓(좌)	1	
A-13	01-01177-03		Screw(1/8"×40)	볼트(1/8"×40)	14	
A-14	01-01177-03		Washer	와셔	2	
A-15	01-01177-03		Bed Cover	침대커버	1	
A-16	01-01177-03		Bed Cover(Gasket)	침대커버 가스켓(우)	1	
A-17	01-01177-03		31 Tank Rubber Cap	고압 탱크 고무패드	1	
A-18	01-01177-03		Thread Guide with Three Poles	세극관 삽입기(조)	1	
A-19	01-01177-03		Thread Guide(L)	좌측 삽입기	1	
A-20	01-01177-03		Screw(3/8"×40)	볼트	2	
A-21	01-01177-03		Thread Guide(R)	우측 삽입기	1	
A-22	01-01177-03		Arm Thread Guide Assy	이완 삽입기 삽입기(조)	1	
A-23	01-01177-03		Nut	너트	1	
A-24	01-01177-03		Thread Guide(L)	좌측 삽입기	1	
A-25	01-01177-03		31 Tank Assy	고압 탱크 조립체(조)	1	
A-26	01-01177-03		31 Tank	고압 탱크	1	
A-27	01-01177-03		31 Tank Window	고압 탱크 창	1	
A-28	01-01177-03		31 Tank Part	고압 탱크 부품	1	
A-29	01-01177-03		Part for 31 Tank Oil Supply	고압 탱크 오일 공급 부품	1	
A-30	01-01177-03		Screw(1/8"×40)	볼트	1	
A-31	01-01177-03		Arm Upper Part Rubber Cap	이완 상부 고무패드	2	
A-32	01-01177-03		Needle Ear Rubber Cap	침바늘 고무패드	1	
A-33	01-01177-03		Rubber Cap(L)	고압 탱크(좌)	4	
A-34	01-01177-03		Rubber Cap(R)	고압 탱크(우)	4	
A-35	01-01177-03		Rubber Cap	고압 탱크	1	
A-36	01-01177-03		Bed Rubber	침대 고무	1	
A-37	01-01177-03		Model (Sticker)	모델 스티커-후판	1	
A-38	01-01177-03		Model (Sticker)	모델 스티커-앞판	1	
A-39	01-01177-03		Model (Sticker)	모델 스티커-좌판	1	
A-40	01-01177-03		Model (Sticker)	모델 스티커-우판	1	
A-41	01-01177-03		Tap Cover	타프 커버	2	
A-42	01-01177-03		Tap Cover	타프 커버	1	
A-43	01-01177-03		Bobbin Winder Assy	실감기(조)	1	
A-44	01-01177-03		Bobbin Winder (Line Assy)	실감기 실감기(조)	1	
A-45	01-01177-03		Bobbin Winder (Shut)	실감기 구동부	1	
A-46	01-01177-03		Screw(1/8"×40)	볼트	1	
A-47	01-01177-03		Screw(1/8"×40)	볼트	1	
A-48	01-01177-03		Bobbin Winder	실감기	1	
A-49	01-01177-03		Screw(1/8"×40)	볼트	2	
A-50	01-01177-03		Bobbin Winder Action Ring	실감기 작동링	1	
A-51	01-01177-03		Bobbin Winder Upper Rubber Ring	실감기 고무링	1	
A-52	01-01177-03		Bobbin Winder Lower	실감기 하판	1	
A-53	01-01177-03		Bobbin Winder Adjusting Plate	실감기 조정판	1	
A-54	01-01177-03		Screw(1/8"×40)	볼트	1	
A-55	01-01177-03		Washer	와셔	1	
A-56	01-01177-03		Bobbin Winder Lower (Shut)	실감기 하판	1	
A-57	01-01177-03		Bobbin Winder Adjusting Assy	실감기 조정판	1	
A-58	01-01177-03		Screw(1/8"×40)	볼트	1	

Note: P=Heavy Material(중재), M=Medium Material(중재), MA=Plastic Heavy Material(플라스틱 중재)
L=Light Material(경재), K=Soft Material(부재), EL=Large Shutter Model(대 셔터 모델)

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 불량일 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

- 쉐스타 제품의 부품은 아래 인터넷주소로 접속하시어 신청할 수 있습니다.
<http://www.sunstarcs.com>
- 가입된 회원께서는 쉐스타 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/D-BH3000 SERIES)

SPS/D-BH3000 - □

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

CONTENTS

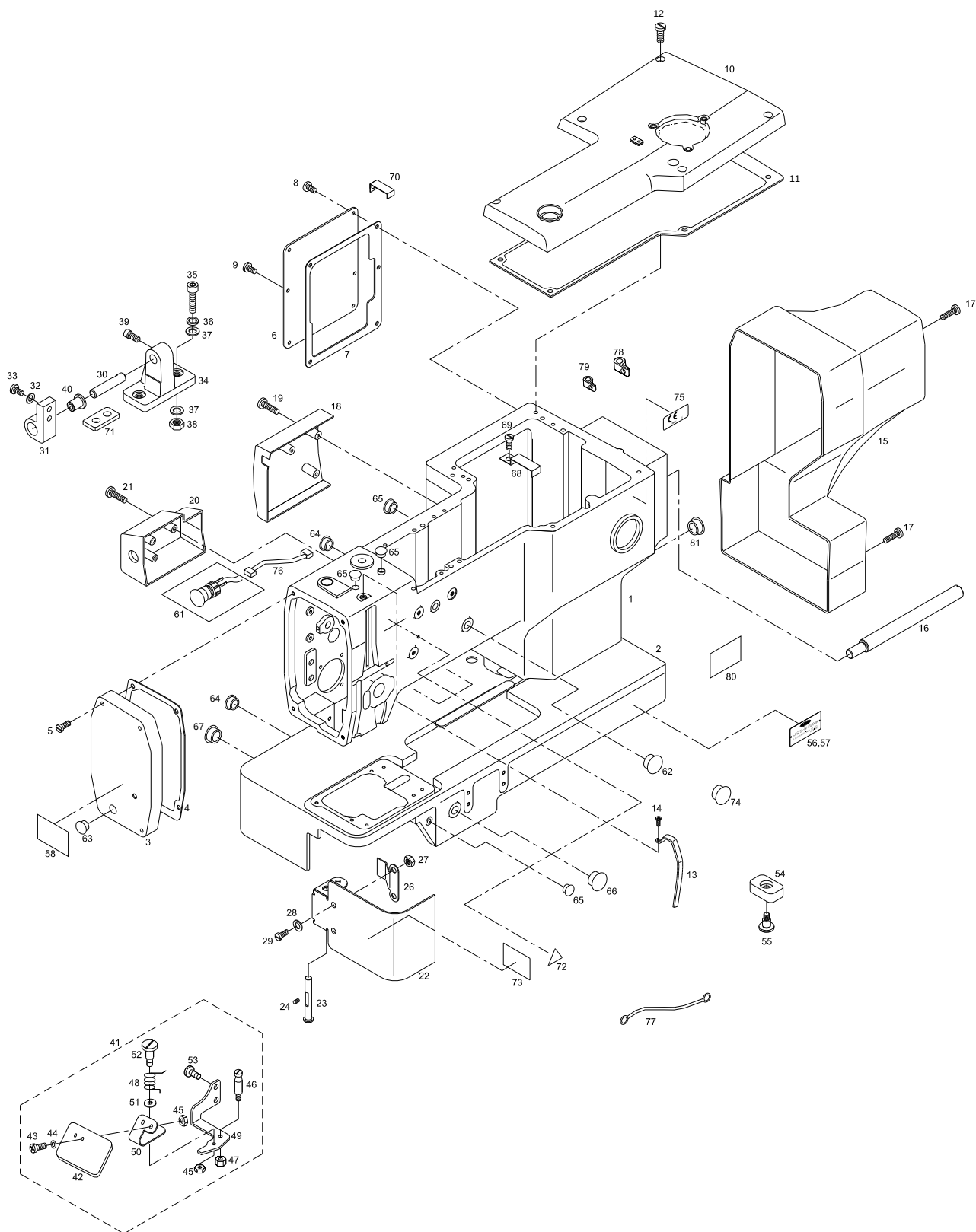
목 차

I. Machine Part 기구 파트

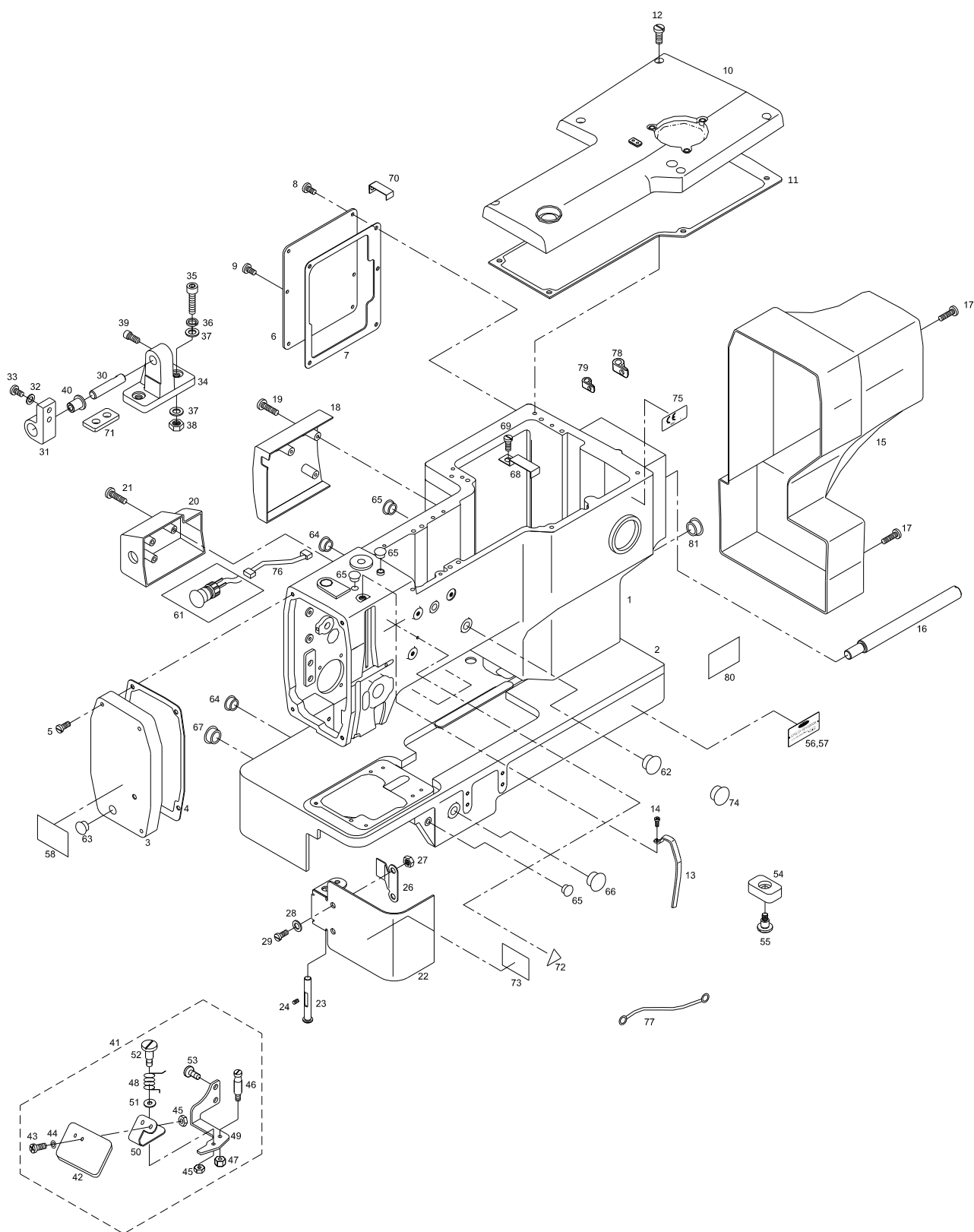
A	Arm, Bed & Machine Body Mechanism 암, 베드 및 외장품	6
B	Upper Shaft Mechanism 상축	10
C	Lower Shaft Mechanism 하축	14
D	Presser Bar Mechanism 누름대	16
E	Needle Bar Rocking Mechanism 바늘대 요동 관계	20
F	Thread Release & Lowering Mechanism 실조절 장치 관계	22
G	Upper Thread Trimmer Mechanism 상사절 관계	26
H	Lower Thread Trimmer Mechanism 하사절 관계	30
I	Y-Moving Mechanism Y-이송	34
J	Cutter Mechanism 커터 관계	38
K	Bobbin Winder & Hand Pulley Mechanism 실감기 및 핸드풀리 관계	40
L	Lubrication Mechanism 급유 관계	42
M	Table Mechanism 테이블 관계	46
N	Accessories Mechanism 액세서리 관계	48

II. Control Part 전기 파트

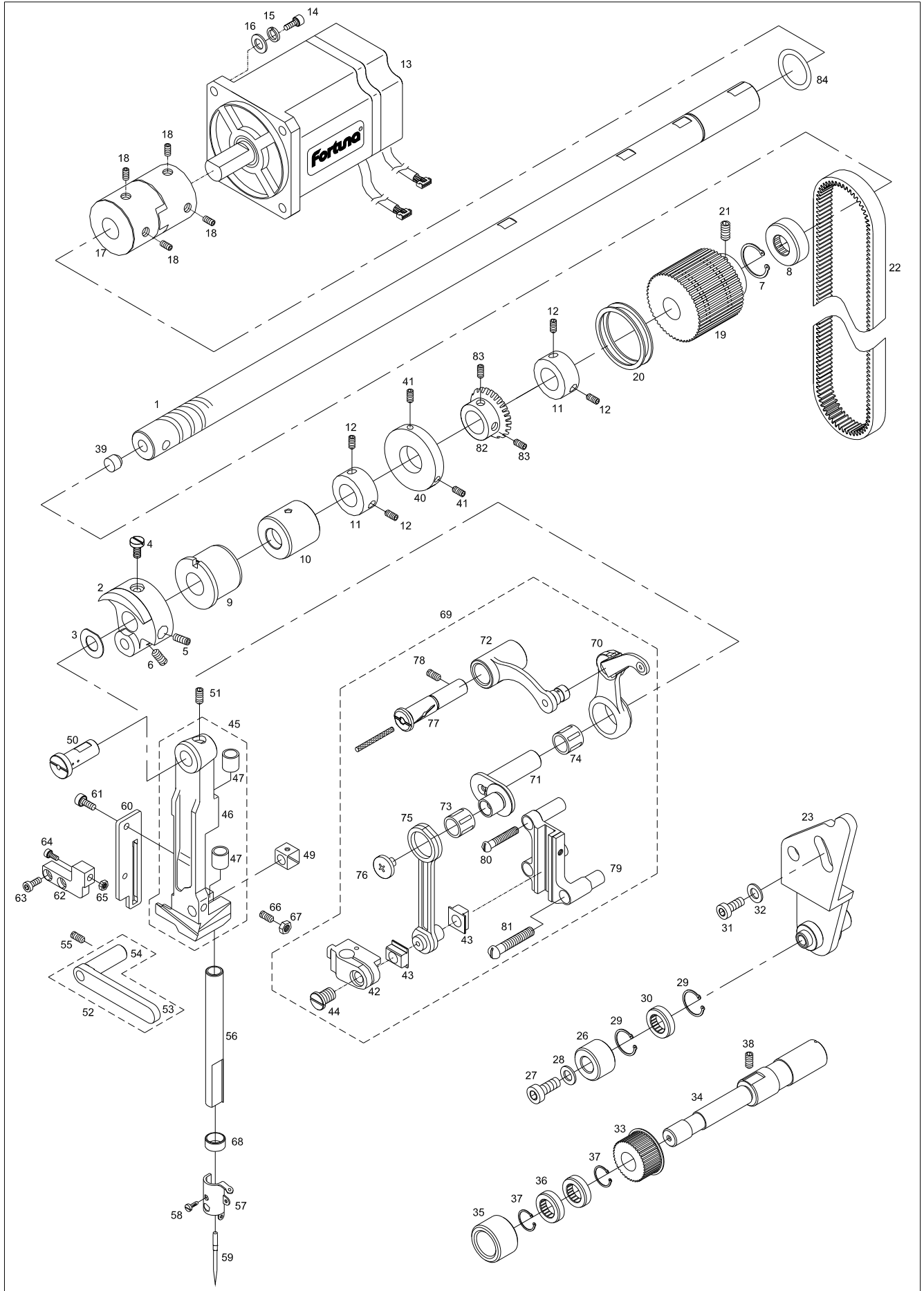
O	Control Box Mechanism 컨트롤 박스 관계	52
P	Operation Unit Mechanism 오퍼레이션 유닛 관계	56
	Index 인덱스	58



Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
A-1	CAB-AA000702		Arm	암	1	Apr.11.11
	CAB-AA000701		Arm	암	1	Jan.14.10
A-2	CAB-AB000602		Bed	베드	1	Jul.12.10
A-3	CMB-LA003101		Face Plate	면판	1	
A-4	CMB-FC001400		Face Plate Gasket	면판 가스켓	1	
A-5	DSC-BF003100		Screw (11/64", n=40)	면판 침나사	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 침나사	2	
A-9	DSC-BJ000200		Screw (11/64", n=40)	후면 커버 침나사 B	4	
A-10	CMB-LA002700		Top Cover	윗뚜껑	1	
A-11	CMB-FC001600		Top Cover Gasket	윗뚜껑 가스켓	1	
A-12	DSC-BF003100		Screw (11/64", n=40)	윗뚜껑 침나사	6	
A-13	CMB-LA000800		Thread Take Up Lever Cover	실채기 커버	1	
A-14	DSC-BJ000300		Screw (9/64", n=40)	실채기 커버 침나사	1	
A-15	CMB-LA002600		Motor Cover	모터 커버	1	
A-16	DSC-HB000900		Motor Cover Support Bar(9/32", n=40)	모터 커버 지지봉	1	
A-17	DSC-BF001200		Screw (11/64", n=40)	모터 커버 침나사	6	
A-18	CMB-LA007000		Upper Thread Trimmer Arm Cover	상사절 암 커버	1	
A-19	DSC-BF003100		Screw (11/64", n=40)	상사절 커버 침나사	3	
A-20	CMB-LA006900		Pause Switch Cover	비상 스위치 커버	1	
A-21	DSC-BF003100		Screw (11/64", n=40)	비상 스위치 커버 침나사	3	
A-22	CMB-LA002800		Hook Cover	훅커버	1	
A-23	DPN-AD005300		Hook Cover Shaft	훅커버 축	1	
A-24	DSC-CA001700		Screw (15/64", n=28)	훅커버 축 침나사	1	
A-26	DSP-AD000300		Hook Cover Spring Plate	훅커버 스프링 판	1	
A-27	DSN-AA000300		Nut (11/64", n=40)	훅커버 스프링 판 너트	2	
A-28	DWS-AA001100		Washer	훅커버 스프링 판 와셔	2	
A-29	DSC-BJ000200		Screw (11/64", n=40)	훅커버 스프링 판 침나사	2	
A-30	DPN-AA001200		Bed Hinge Shaft	베드 힌지 축	2	
A-31	CST-BB001200		Bed Hinge Plate	베드 힌지 받침	2	
A-32	DWS-AA001500		Washer	베드 힌지 받침 와셔	4	
A-33	PSC-AC002000		Screw (M6×P1.0)	베드 힌지 받침 고정나사	4	
A-34	CST-BB001100		Bed Hinge Bracket	베드 힌지 브라켓	2	
A-35	PSC-AC001600		Bolt (M10xL70)	베드 힌지 브라켓 고정 볼트	4	
A-36	DWS-AA002000		Spring Wahser	베드 힌지 브라켓 와셔	4	
A-37	PWS-CA000300		Wahser	베드 힌지 브라켓 와셔	8	
A-38	PSN-AA000300		Nut (M10xP1.5)	베드 힌지 브라켓 고정 너트	4	
A-39	PSC-AC002900		Screw (M6×P1.0)	베드 힌지 축 침나사	2	
A-40	CST-FF000300		Hinge Rubber	힌지 고무	2	
A-41	AMB-PS001000		Safety Plate Ass'y	안전판(조)	1Set	
A-42	CMB-BJ000900		Safety Plate	안전판	1	
A-43	DSC-BJ000200		Screw (11/64", n=40)	안전판 침나사	2	
A-44	DWS-AA000500		Washer	와셔	2	
A-45	DSN-AA001200		Nut (11/64", n=40)	너트	3	
A-46	DSC-HD000100		Safety Plate Spring Hook	안전판 스프링 걸이	1	
A-47	DSN-AA000800		Nut	너트	1	
A-48	DSP-AC000100		Safety Plate Spring	안전판 스프링	1	
A-49	CMB-BB002200		Safety Plate Bracket	안전판 브라켓	1	
A-50	CMB-BG000100		Safety Plate Holder	안전판 홀더	1	
A-51	DWS-AA014400		Washer	안전판 홀더 와셔	1	
A-52	DSC-FA000100		Safety Plate Screw (11/64", n=40)	안전판 단나사	1	
A-53	DSC-BJ000200		Screw (11/64", n=40)	안전판(조) 침나사	2	
A-54	CST-FD001400		Bed Support Rubber	베드 받침 고무	2	
A-55	DSC-FA003000		Bed Support Rubber Screw (11/64", n=40)	베드 받침 고무 단나사	2	
A-56	GP-009263-02	G	Model Sticker (General)	모델 스티커 (일반용)	1	Oct.19.10
A-57	GP-009264-02	K	Model Sticker (knit)	모델 스티커 (니트용)	1	Oct.19.10



[illegible]

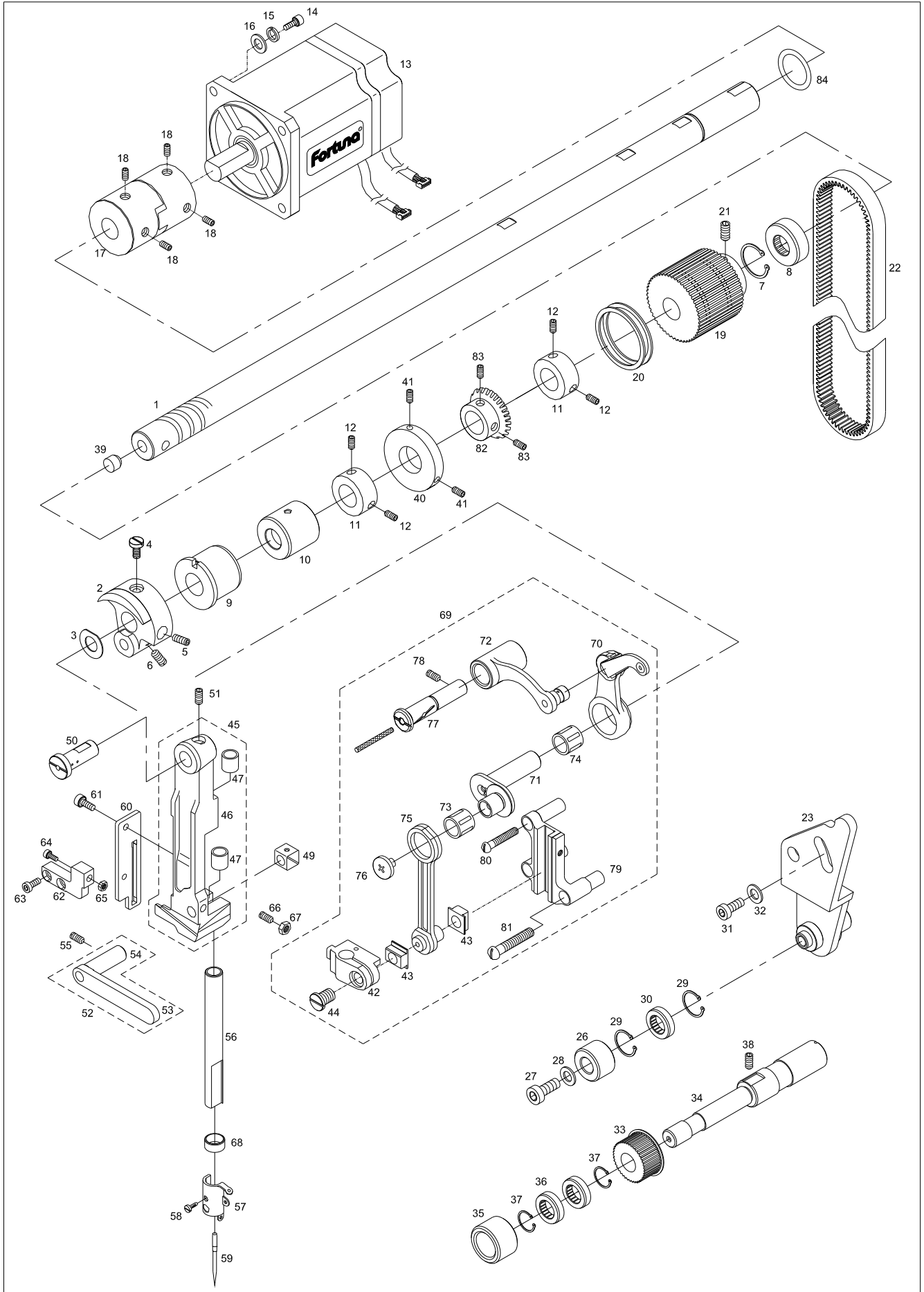


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
B-1	CUS-KC000100		Upper Shaft	상축	1	
B-2	CUS-DA000800		Link Cam	링크 캠	1	
B-3	DWS-AA003000		Washer	링크 캠 와셔	1	
B-4	DSC-BJ000100		Screw (9/32", n=28)	링크 캠 잠나사	1	
B-5	DSC-BJ000600		Screw A (15/64", n=28)	링크 캠 잠나사 A	1	
B-6	DSC-CB001000		Screw B (1/4", n=40)	링크 캠 잠나사 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	DBS-DB001501		Upper Shaft Bushing (F)	상축 전 붓싱	1	Apr.05.11
B-10	DBS-DA007000		Upper Shaft Bushing (M)	상축 중 붓싱	1	
B-11	DCL-AA001000		Upper Shaft Collar	상축 카라	2	
B-12	DSC-CB000500		Screw (15/64", n=28)	상축 카라 잠나사	4	
B-13	SFAM-500-001		Main Shaft Motor	주축 모터	1	
B-14	PSC-AC000100		Screw (M5×P0.8)	주축 모터 잠나사	4	
B-15	DWS-CA000100		Spring Washer	주축 모터 스프링 와셔	4	
B-16	DWS-AA000600		Washer	주축 모터 평와셔	4	
B-17	DCR-AD000100		Upper Shaft Coupling	상축 커플링	1	
B-18	PSC-CB000100		Screw (M6×L8)	상축 커플링 잠나사 (M6×L8)	4	
B-19	DPL-BD000600		Upper Shaft Timming Pulley	상축 타이밍 폴리	1	
B-20	DSR-AK000100		Upper Shaft Timming Pulley Fixing Ring	상축 타이밍 폴리 고정링	2	
B-21	DSC-CB000400		Screw (1/4", n=40)	상축 타이밍 폴리 고정나사	2	
B-22	PBT-BD000400		Upper Shaft Belt	상축 타이밍 벨트	1	
B-23	CUS-BB000200		Idler Base Ass'y	아이들러 베이스(조)	1Set	
B-26	CUS-CG000200		Idler	아이들러	1	
B-27	DSC-AA000700		Screw (1/4", n=28)	아이들러 축 잠나사	1	
B-28	DWS-AA002900		Washer (09-025W-8270)	아이들러 축 잠나사 와셔	1	
B-29	PSR-AB000300		Idler C-Ring (Ø30)	아이들러 C-링(호칭경30)	2	
B-30	PBR-AA006100		Idler Bearing	아이들러 베어링	1	
B-31	PSC-AC001200		Screw (M6×P1.0)	아이들러 베이스 잠나사	2	
B-32	DWS-AA001500		Washer	아이들러 베이스 잠나사 와셔	2	
B-33	DPL-BD000700		Idler Timming Pulley	아이들러 타이밍 폴리	1	
B-34	CLS-KF000300		Idler Timming Pulley Shaft	아이들러 타이밍 폴리 축	1	
B-35	DCL-BB000600		Idler Timming Pulley Shaft Collar	아이들러 타이밍 폴리 축 카라	1	
B-36	PBR-AA001700		Idler Pulley Bearing	아이들러 폴리 베어링	2	
B-37	PSR-AB000400		Idler Pulley C-Ring (Ø20)	아이들러 폴리 C-링 (호칭경22)	2	
B-38	DSC-CB000500		Screw (15/64", n=28)	아이들러 폴리 축 잠나사	2	
B-39	DPK-CA000700		Upper Shaft Rubber Cap	상축 고무마개	1	
B-40	CUS-CF000200		Bobbin Winder Driving Wheel	실감기 구동 휠	1	
B-41	DSC-CA000600		Screw (11/64", n=40)	실감기 구동 휠 잠나사	2	
B-42	CNB-BF000701		Needle Bar Holder	바늘대 잡이	1	Dec.02.10
B-43	CNB-CD000300		Needle Bar Holder Slide Block	바늘대 잡이 슬라이드 블록	2	
B-44	DSC-BA001000		Screw (11/64", n=40)	바늘대 잡이 잠나사	2	
B-45	AZG-PS000200		Needle Bar Frame Ass'y	바늘대 후레임(조)	1Set	
B-46	CZG-BC000201		Needle Bar Frame	바늘대 후레임	1	Feb.15.11
B-47	DBS-DA006201		Needle Bar Frame Bushing	바늘대 후레임 붓싱	2	
B-49	CZG-CD000100		Needle Bar ZigZag Guide Block	바늘대 지그재그 안내 블록	1	
B-50	DPN-AD003800		Needle Bar Frame Shaft	바늘대 후레임 축	1	
B-51	DSC-CB000900		Screw (15/64", n=28)	바늘대 후레임 축 잠나사	1	
B-52	AZG-PS000300		Needle Bar Frame Guide (Set)	바늘대 후레임 가이드 (조)	1Set	
B-53	CZG-BJ000400		Needle Bar Frame Guide	바늘대 후레임 가이드	1	
B-54	CZG-KF000100		Guide Shaft	가이드 축	1	
B-55	DSC-CB000900		Screw (15/64", n=28)	바늘대 후레임 가이드 잠나사	1	
B-56	CNB-KA000700		Needle Bar	바늘대	1	
B-57	CNB-HK000900		Needle Bar Thread Guide	바늘대 실안내	1	
B-58	DSC-BF000100		Screw (1/8", n=44)	바늘대 잠나사	1	
B-59	-		Needle	바늘	1	
B-60	CZG-BJ000300		Needle Bar Guide	바늘대 안내	1	

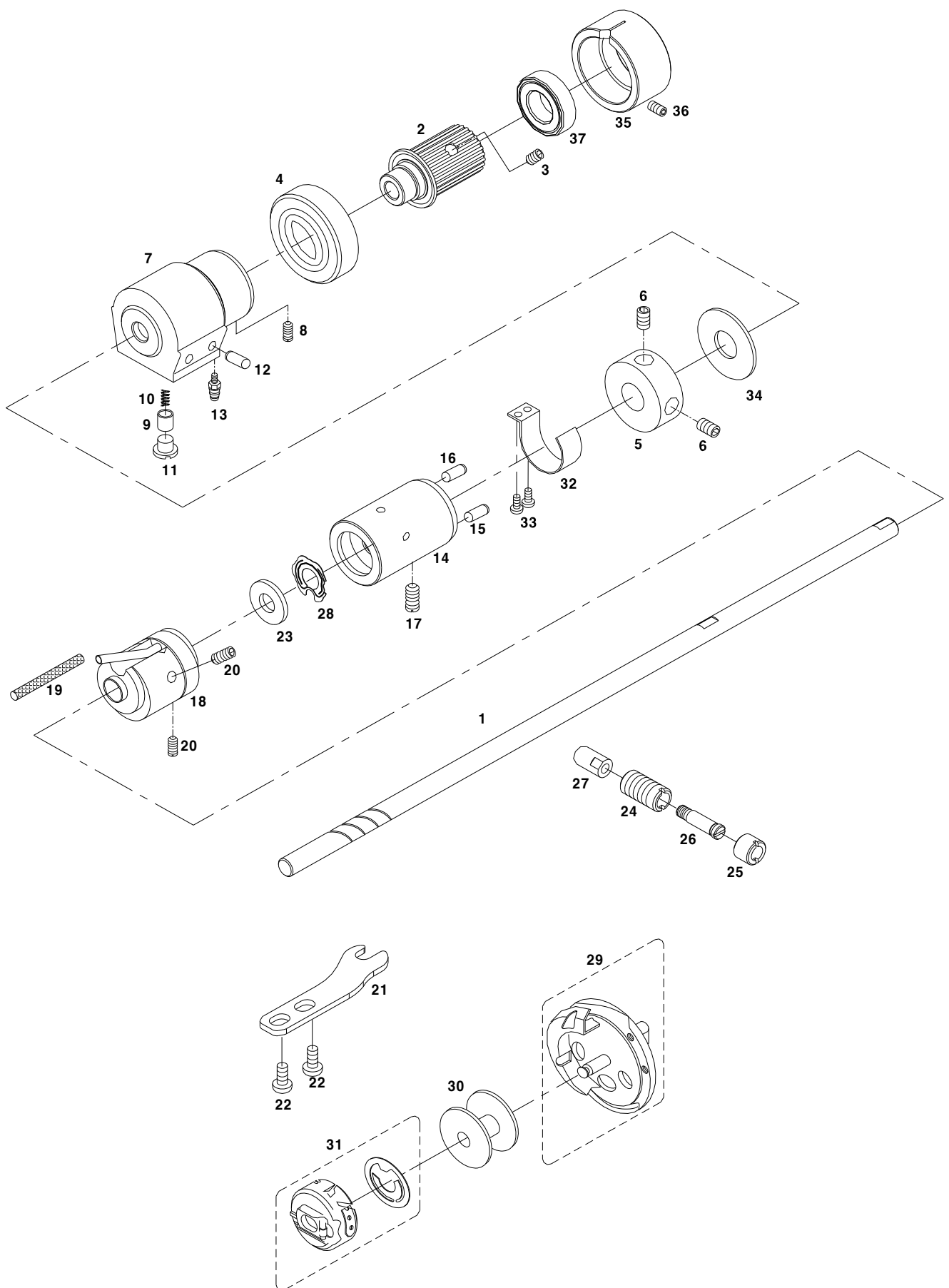
B

Upper Shaft Mechanism

상축 관계



[illegible]

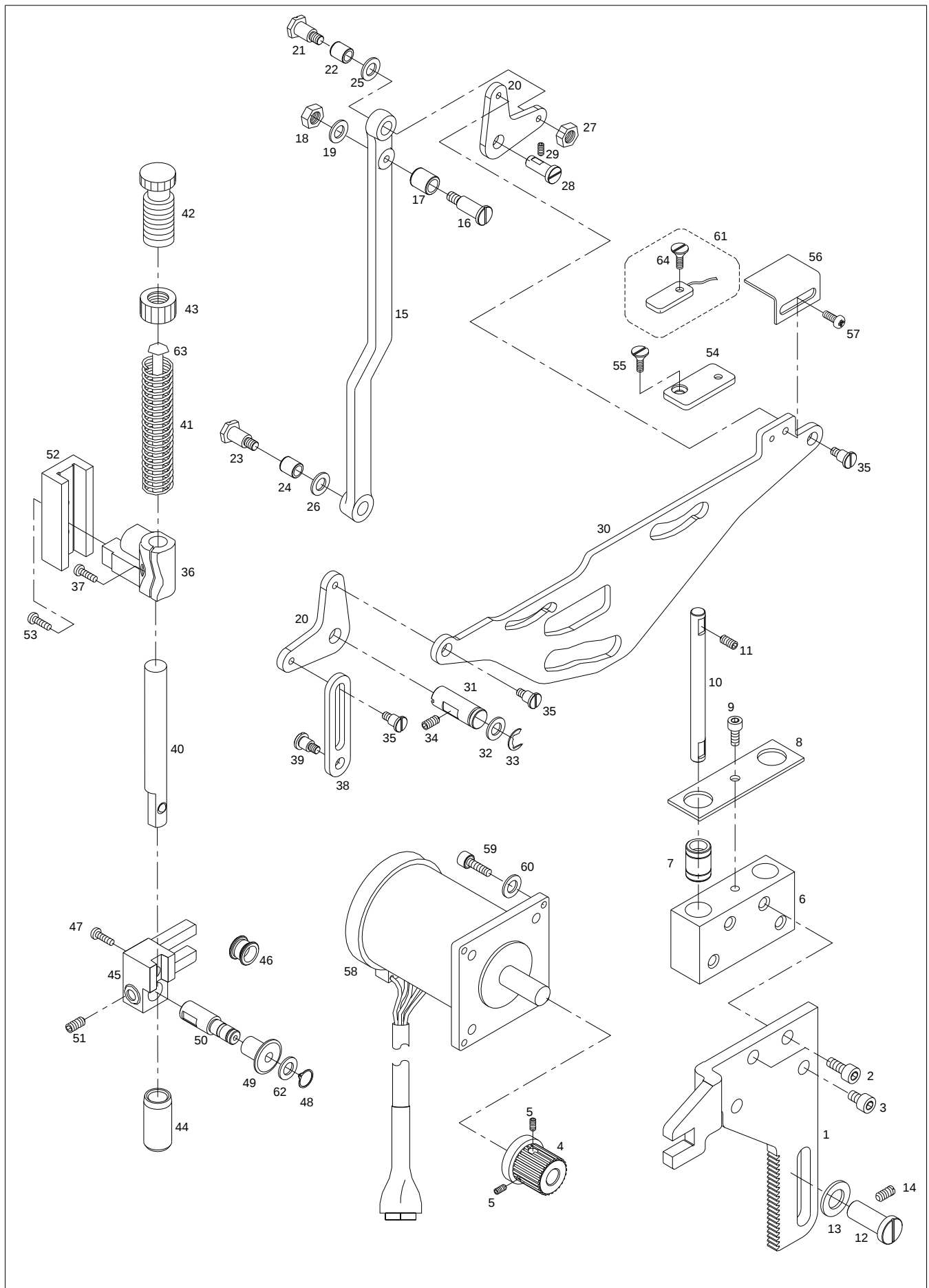


[illegible]

D

Presser Bar Mechanism

누름대 관계

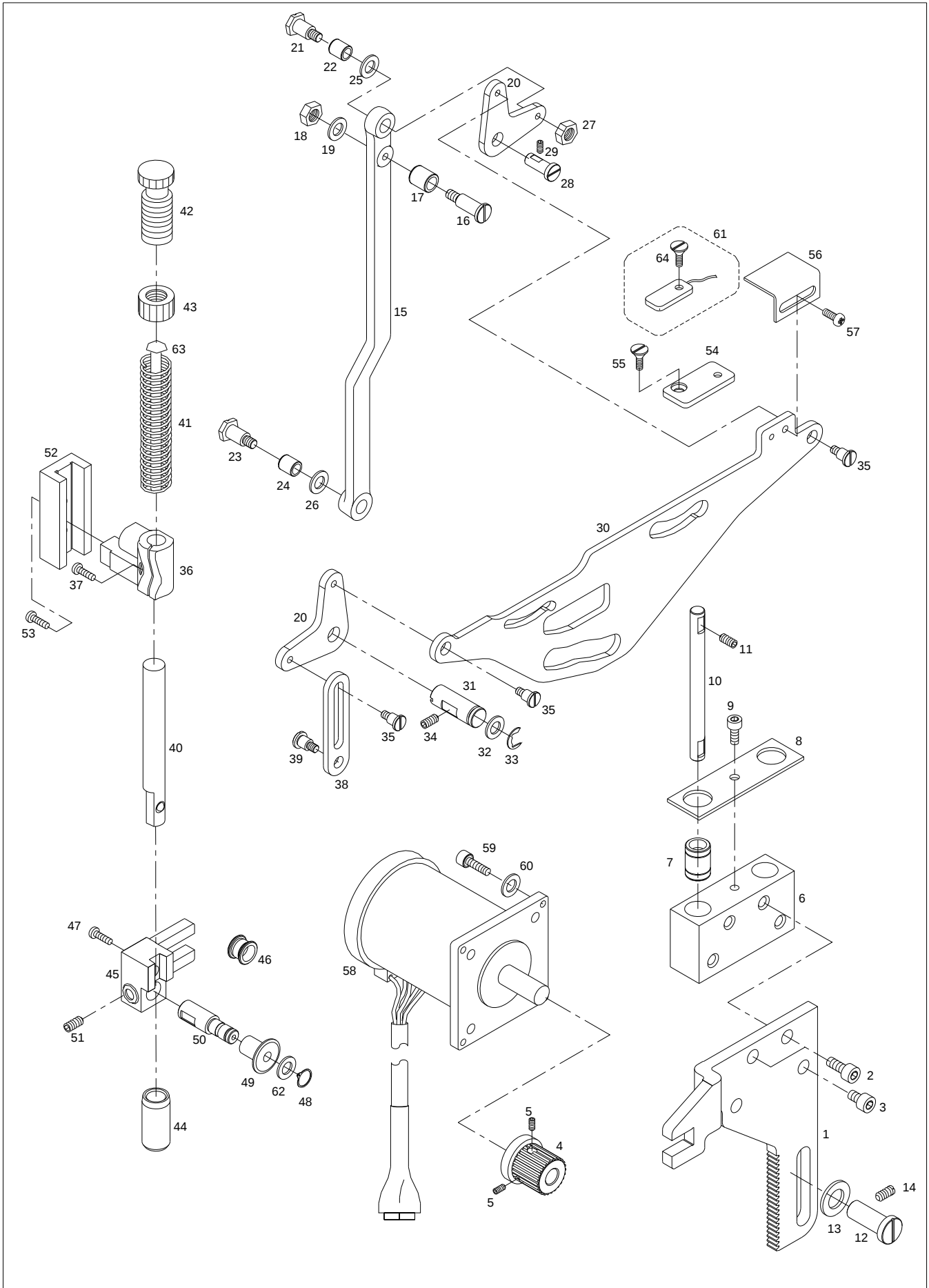


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
D-1	DGR-AF000600		Rack Gear	랙 기어	1	
D-2	PSC-AC001200		Fixing Bolt (M6×P1.0) A	누름대 구동 아암 고정볼트 A	2	
D-3	PSC-AC002900		Fixing Bolt (M6×P1.0) B	누름대 고정볼트 B	2	
D-4	DGR-AA002000		Presser Drive Gear	누름대 구동기어	1	
D-5	DSC-CB000500		Screw (11/64", n=40)	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-CB000700		Screw (M4)	가이드 축 체결나사	4	
D-12	DPN-AD004400		Presser Driving Arm Support Shaft	누름대 구동 암 지지축	1	
D-13	DWS-AA002900		Washer	누름대 구동 암 지지축 와셔	1	
D-14	DSC-CB000500		Screw (15/64", n=28)	누름대 구동 암 지지축 고정나사	1	
D-15	CPM-CC000201		Presser Bar Lift Connecting Rod	누름대 올림 연결 로드	1	Mar.21.11
D-16	DSC-FA006500		Stud for Presser Bar Lift Connecting Rod	누름대 올림 연결로드 롤러 단나사	1	
D-17	CPM-CL000400		Roller for Presser Bar Lift Connecting Rod	누름대 올림 연결 로드 롤러	1	
D-18	SC-0115-7400		Roller Nut	누름대 올림 연결로드 롤러 너트	1	
D-19	DWS-AA006300		Roller Washer	누름대 올림 연결로드 롤러 와셔	1	
D-20	CPM-CM001000		Lifter Lever	올림 레버	2	
D-21	DSC-FB000900		Stud(A) for Lift Lever	올림 레버 단나사 (A)	1	
D-22	CPM-CL000500		Lifter Lever Roller(A)	올림 레버 롤러(A)	1	
D-23	DSC-FB001000		Stud(B) for Lift Lever	올림 레버 단나사 (B)	1	
D-24	CPM-CL000600		Lifter Lever Roller(B)	올림 레버 롤러(B)	1	
D-25	DWS-AA002100		Washer A	올림 레버 롤러 (A) 와셔	1	
D-26	DWS-AA006500		Washer B	올림 레버 롤러 (B) 와셔	1	
D-27	DSN-AA000600		Nut	올림 레버 롤러 체결나사 너트	1	
D-28	DPN-AD004300		Lifter Lever Shaft A	올림 레버 축 (A)	1	
D-29	DSC-CB000500		Screw (15/64"n=28)	올림 레버 축 (A) 체결나사	1	
D-30	CPM-DF000201		Upper Thread Trimmer Driving Link	상사절 운동 링크	1	Oct.10.11
D-31	DPN-AA004300		Lifter Lever Shaft	올림 레버 축	2	
D-32	DWS-AA002900		Washer	올림 레버 축 와셔	1	
D-33	PSR-AC000500		E-Ring	올림 레버 축 E-링	1	
D-34	DSC-CB000500		Screw (15/64", n=28)	올림 레버 축 체결나사	1	
D-35	PSC-FA000100		Stud for Lifter Lever Shaft (3/16", n=32)	올림 레버 단나사	3	
D-36	CPB-BF000501		Presser Bar Holder	누름대 잡이	1	
D-37	DSC-BJ000600		Screw (15/64", n=28)	누름대 잡이 체결나사	1	
D-38	CPM-CA000600		Presser Bar Lifter Link	누름대 올림 링크	1	
D-39	DSC-FA005800		Lifter Link Fixing Screw (3/16", n=32)	올림 링크 고정 단나사	1	
D-40	CPB-KB000100		Presser Bar	누름대	1	
D-41	DSP-AA002900		Presser Spring	압력 조절 스프링	1	
D-42	DSC-HA000100		Adjust Screw for Presser Foot (9/16", n=20)	노루발 압력 조절 나사	1	
D-43	DSN-CC000100		Adjust Nut for Presser Bar (9/16", n=20)	노루발 압력 조절 나사 너트	1	
D-44	DBS-DA007900		Presser Bar Bushing	누름대 붓싱	1	
D-45	CPB-BB000301		Presser Rollar Bracket	누름대 롤러 브라켓	1	
D-46	CPB-CL000300		Presser Bracket Rollar	누름대 브라켓 롤러	1	
D-47	DSC-BF003800		Screw (9/64", n=40)	누름대 고정나사	1	
D-48	PSR-AG000100		G-Ring	그립링	1	
D-49	CPB-CL000200		Presser Bar Rollar	누름대 롤러	1	
D-50	CPB-KF000300		Presser Bar Rollar Shaft	누름대 롤러 축	1	
D-51	DSC-CB000500		Screw (15/64", n=28)	누름대 롤러 축 체결나사	1	
D-52	CPB-BK000100		Presser Bar Guide	누름대 안내	1	
D-53	DSC-BJ000200		Screw (11/64", n=40)	누름대 안내 고정나사	2	
D-54	CPM-BB000400		Presser Bar Sensor Support	누름대 센서 받침	1	
D-55	DSC-BB002900		Screw (9/64", n=40)	누름대 센서 받침 고정나사	2	
D-56	CPM-BJ000700		Presser Bar Sensor Plate	누름대 센서판	1	
D-57	DSC-BA000900		Screw (9/64", n=40)	누름대 센서판 고정나사	1	

D

Presser Bar Mechanism

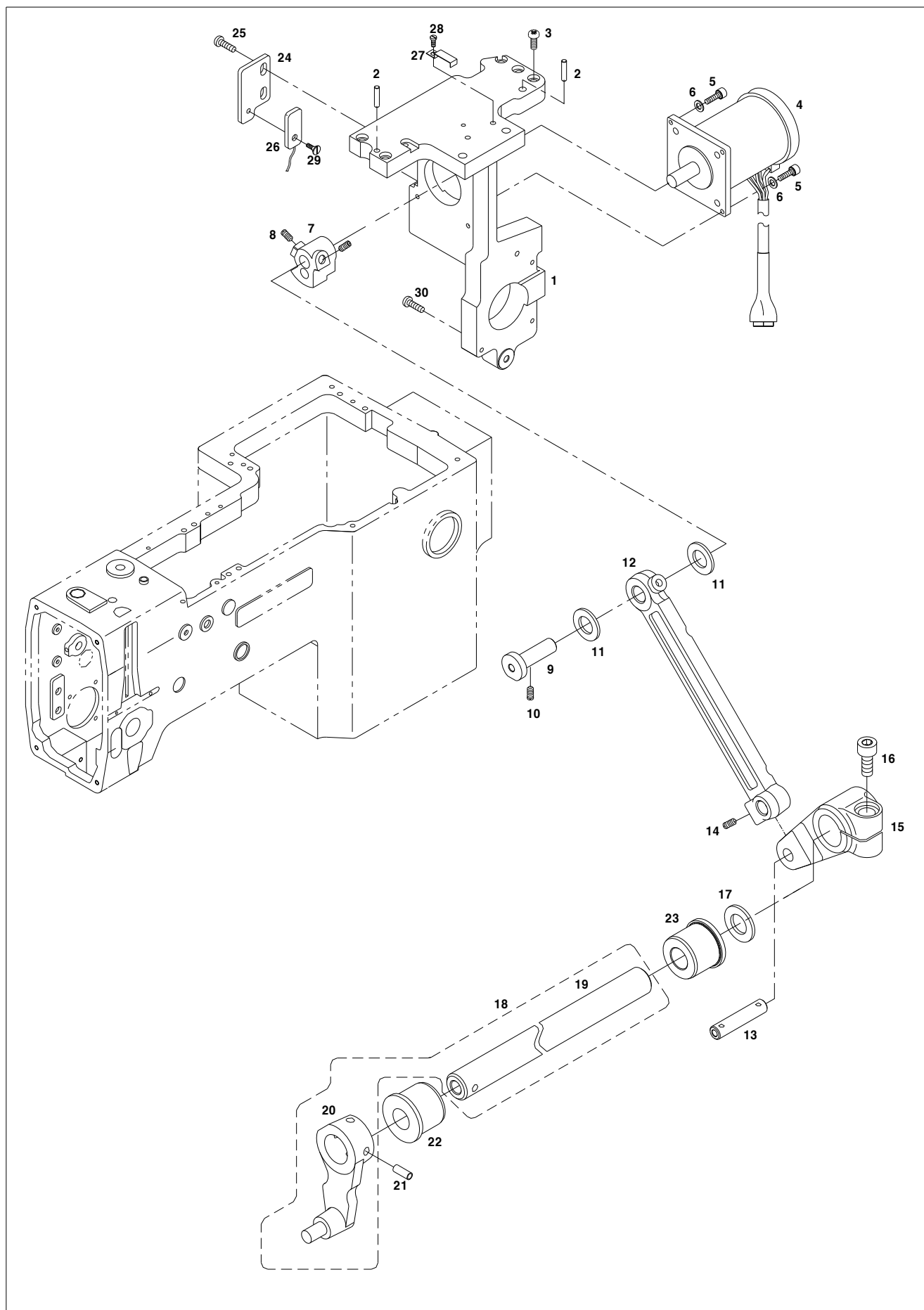
누름대 관계



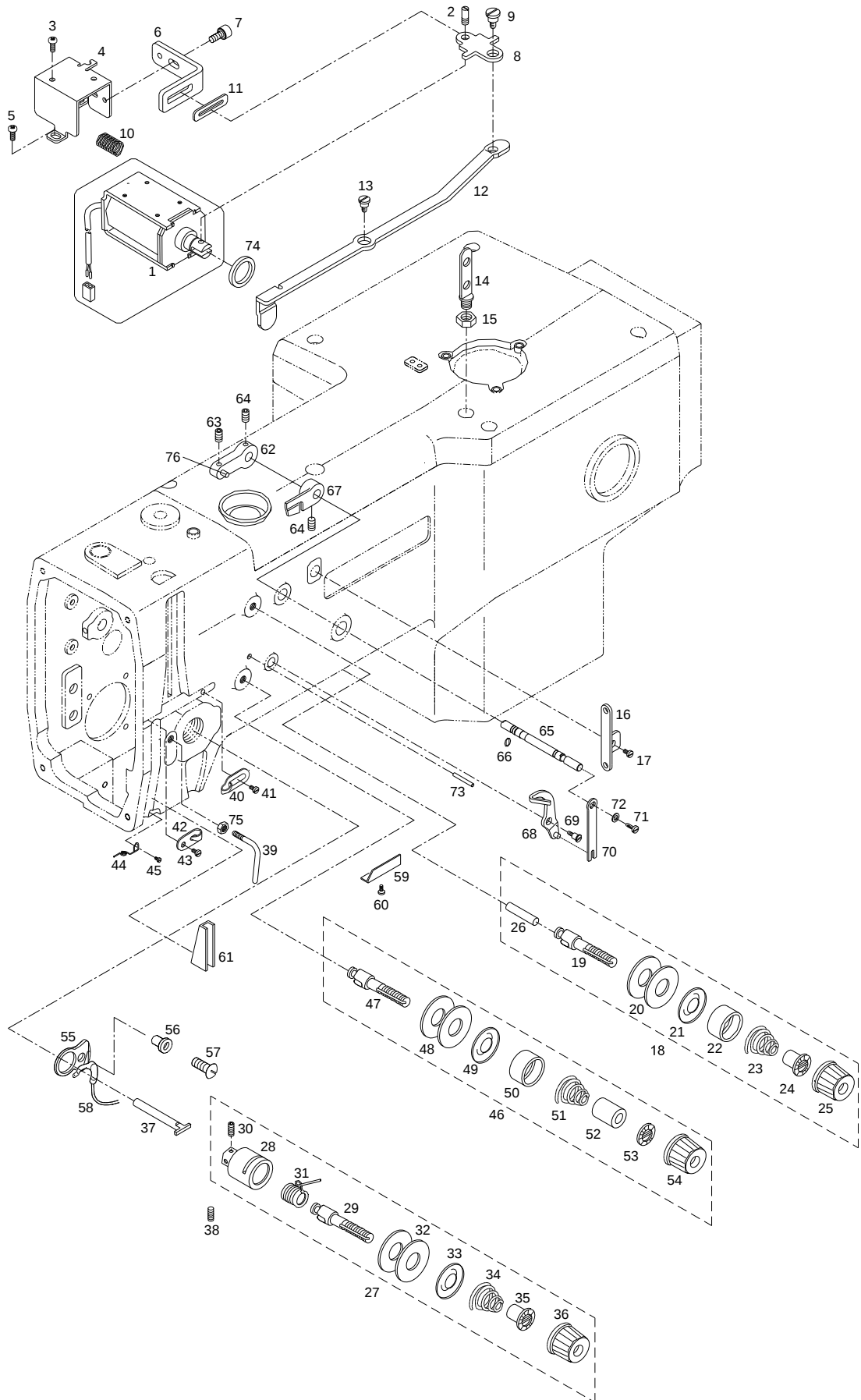
[illegible]

Needle Bar Rocking Mechanism

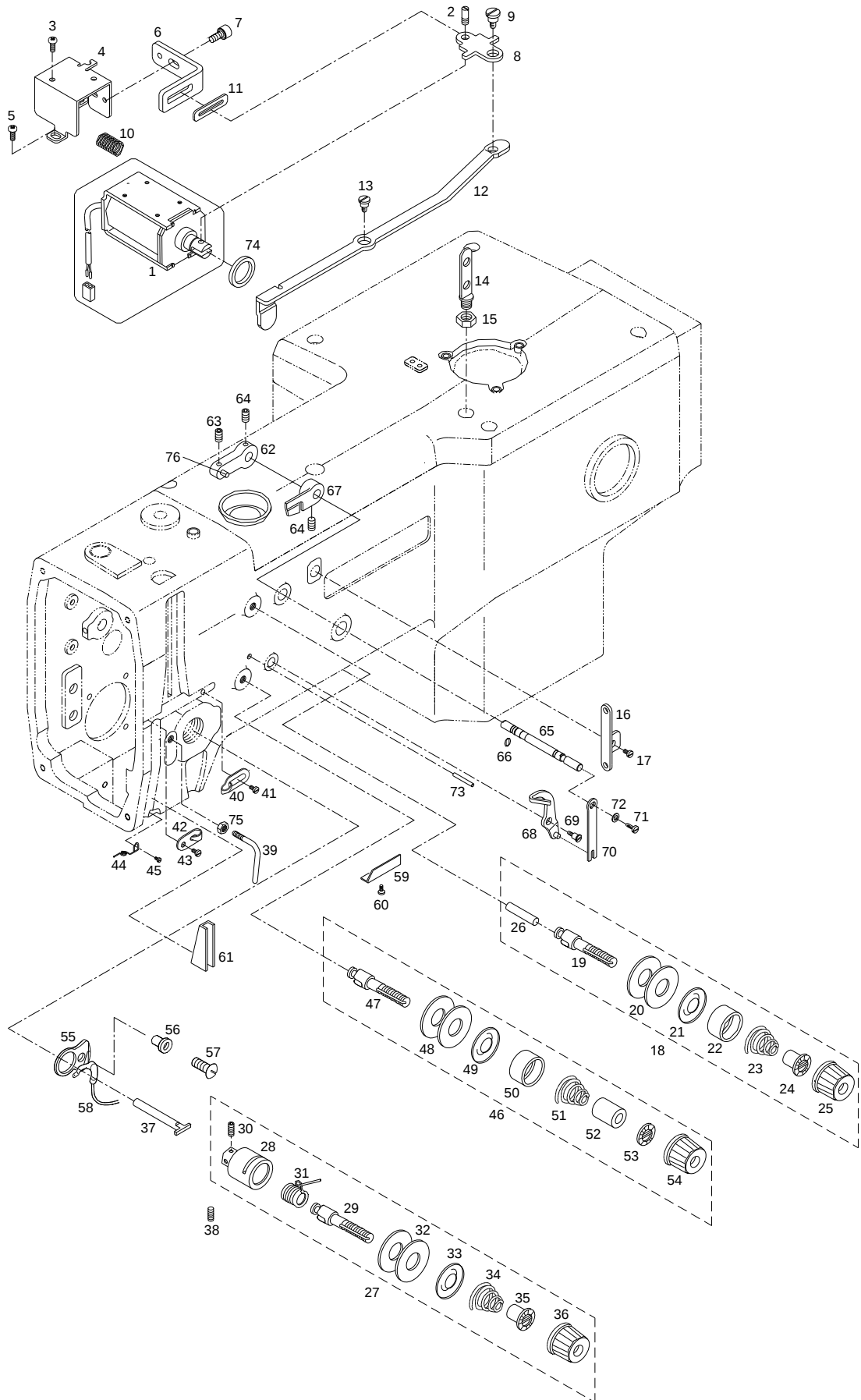
바늘대 요동 관계



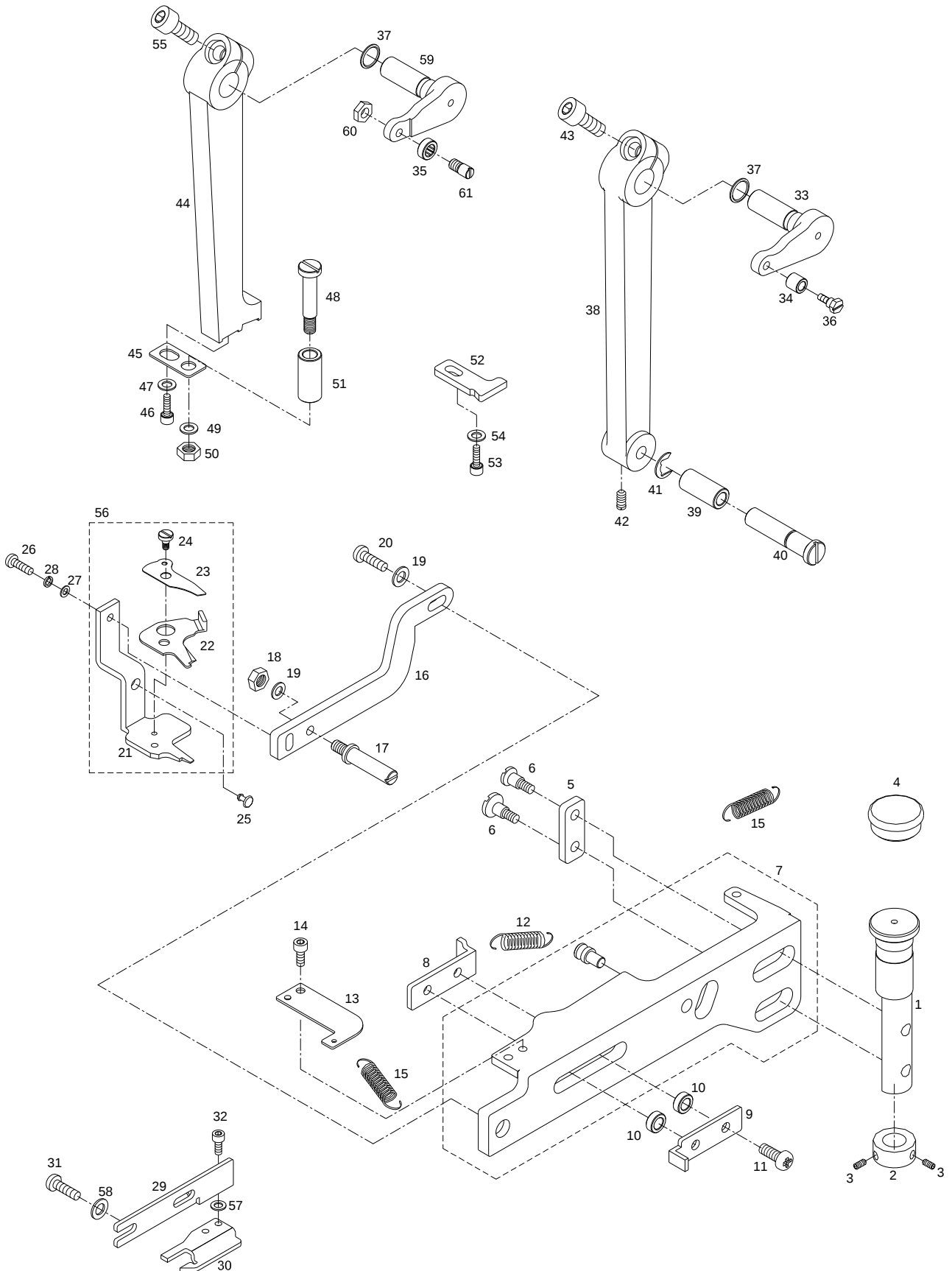
[illegible]



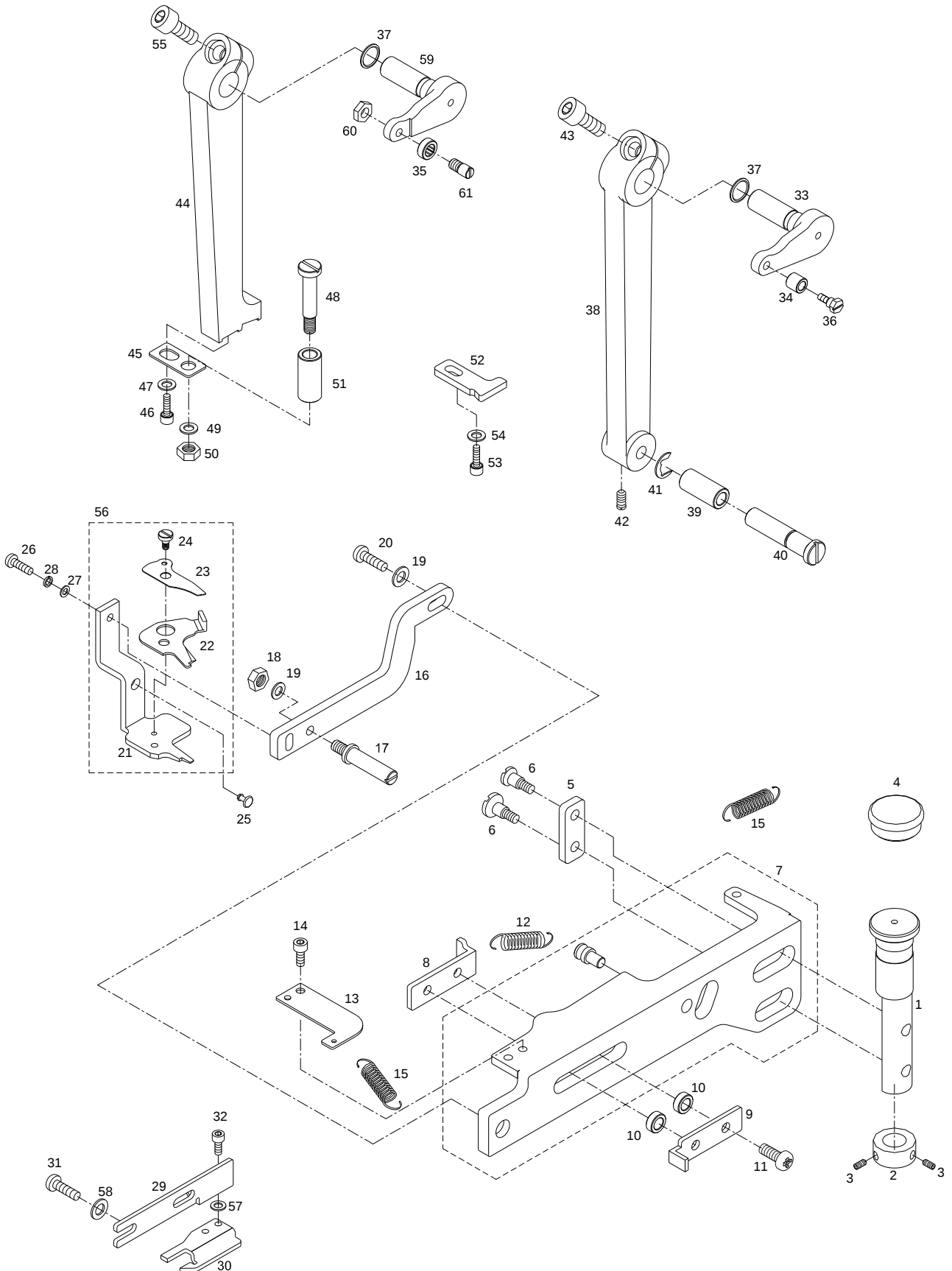
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
F-1	40-006A-300G		Thread Release Solenoid Ass'y	실닛추기 솔레노이드(조)	1Set	
F-2	-		Solenoid Link Connecting Pin	솔레노이드 링크 연결핀	1	
F-3	DSC-AC000500		Screw (M3×P0.5)	실닛추기 솔레노이드 첩나사	2	
F-4	CTR-BB000500		Thread Release Solenoid Bracket	실닛추기 솔레노이드 브라켓	1	
F-5	DSC-BJ000200		Screw (11/64", n=40)	브라켓 고정나사	2	
F-6	CTR-BJ001200		Link Guide Plate	링크 가이드판	1	
F-7	PSC-AC002100		Fixing Bolt	링크가이드판 고정볼트(M4×L5)	1	
F-8	CTR-CA000700		Thread Release Solenoid Link	실닛추기 솔레노이드 링크	1	
F-9	DSC-FA006600		Screw (11/64", n=40)	실닛추기 솔레노이드 링크단나사	1	
F-10	DSP-AA003000		Thread Release Solenoid Spring	실닛추기 솔레노이드 스프링	1	
F-11	CTR-FB000200		Thread Release Solenoid Rubber	실닛추기 솔레노이드 고무	1	
F-12	CTR-CC000600		Thread Release Connecting Rod	실닛추기 연결로드	1	
F-13	DSC-FA006700		Stud	실닛추기 연결로드 단나사	1	
F-14	CMB-HK003200		Thread Guide with Two Hole	두구멍 실걸이	1	
F-15	DSN-AA000700		Fixing Nut	두구멍 실걸이 고정너트	1	
F-16	CMB-HK001500		Thread Guide with Three Hole	삼구멍 실안내 (상)	1	
F-17	DSC-BF002200		Screw (11/64"n=40)	삼구멍 실안내 (상) 고정나사	1	
F-18	ATA-PS000500		Sub Thread Tension Adjusting Ass'y	보조 실조절 장치(조)	1Set	
F-19	CTA-HM000800		Sub Thread Tension Adjusting Shaft	보조 실조절 장치 축	1	
F-20	CTA-HL000101		Thread Guide Disk	실안내 접시	2	Dec.29.09
F-21	CTA-BJ000200		Sub Guide Disk Presser Plate	실안내 접시 누름판	1	
F-22	CTA-BD000300		Spring Cover	스프링 커버	1	
F-23	GP-014851-00		Sub Thread Tension Adjusting Spring	보조 실조절 장치 스프링	1	
F-24	CTA-BN000200		Stopper for Thread Tension Adjusting Sprng	보조 실안내 접시 스프링 스토퍼	1	
F-25	DSN-CD000100		Nut	보조 실조절 장치 너트	1	
F-26	DPN-AA004900		Thread Release Pin	보조 실조절 장치 핀	1	
F-27	ATA-PS000400		Thread Tension Adjusting Ass'y	주 실조절 장치(조)	1Set	
F-28	CTA-BA000100		Thread Tension Adjusting Body	주 실조절 장치 몸체	1	
F-29	CTA-HM000100		Thread Tension Adjusting Shaft	주 실조절 장치 축	1	
F-30	DSC-CA000200		Screw (9/64", n=40)	주 실조절 장치 축 첩나사	2	
F-31	DSP-BB000400		Thread Take-up Lever Spring	실제기 스프링	1	
F-32	CTA-HL000101		Thread Guide Disk	실안내 접시	2	Dec.29.09
F-33	CTA-BJ000200		Thread Guide Disk Presser Plate	실안내 접시 누름판	1	
F-34	DSP-BA001400		Thread Tension Adjusting Spring	주 실조정 장치 스프링	1	
F-35	CTA-BN000200		Stopper for Thread Tension Adjusting Spring	실장력 조절 스프링 스토퍼	1	
F-36	DSN-CD000100		Nut	실조정 장치 너트	1	
F-37	40-026P-300G		Thread Release Pin	실닛추기 핀	1	
F-38	DSC-CB000500		Screw (15/64"n=28)	주 실조정 장치 (조) 첩나사	1	
F-39	CMB-HK003100		Arm Thread Guide	삼구멍 실안내 걸이	1	
F-40	CMB-HK000600		Thread Guide (R)	실안내(우)	1	
F-41	DSC-BA000100		Screw (9/64", n=40)	실안내 고정나사	1	
F-42	CMB-HK000101		Thread Guide (L)	실안내(좌)	1	Dec.19.11
F-43	DSC-BA000100		Screw (9/64", n=40)	실안내 고정나사	1	
F-44	CMB-HK004901		Thread Guide (L)	실안내 (하)	1	Nov.18.10
F-45	DSC-BA000100		Screw (9/64", n=40)	실안내 고정나사	1	
F-46	ATA-PS000600		Sub Thread Tension Adjusting Ass'y(L)	보조 실조정 장치(하)(조)	1Set	
F-47	CTA-HM001000		Sub Thread Tension Adjusting Shaft (L)	보조 실조정 장치(하)축	1	
F-48	CTA-HL000101		Thread Guide Disk	실안내 접시	2	Dec.29.09
F-49	CTA-BJ000200		Thread Guide Disk Presser Plate	실안내 접시 누름판	1	
F-50	CTA-BD000100		Cover for Sub Thread Tension Adjusting Spring	보조 실조정장치(하)스프링 커버	1	
F-51	DSP-BA001500		Sub Thread Tension Adjusting Spring	보조 실조정장치(하) 스프링	1	
F-52	DSN-CZ000400		Collar for Sub Thread Tension Adjusting Spring	보조 실조정장치(하)스프링 카바	1	
F-53	CTA-BJ000100		Stopper for Sub Thread Tension Adjusting Spring	보조 실장력 조절 스프링(하)스토퍼	1	
F-54	DSN-CD000500		Nut	보조 실조정 장치(하) 너트	1	
F-55	CTA-BJ000400		Thread Detecting Plate Guide	실 감지판 안내	1	
F-56	CTA-BN000100		Thread Detecting Plate Ring	실 감지판 링	1	
F-57	DSC-BG000100		Screw (9/64", n=40)	실 감지판 링 첩나사	1	



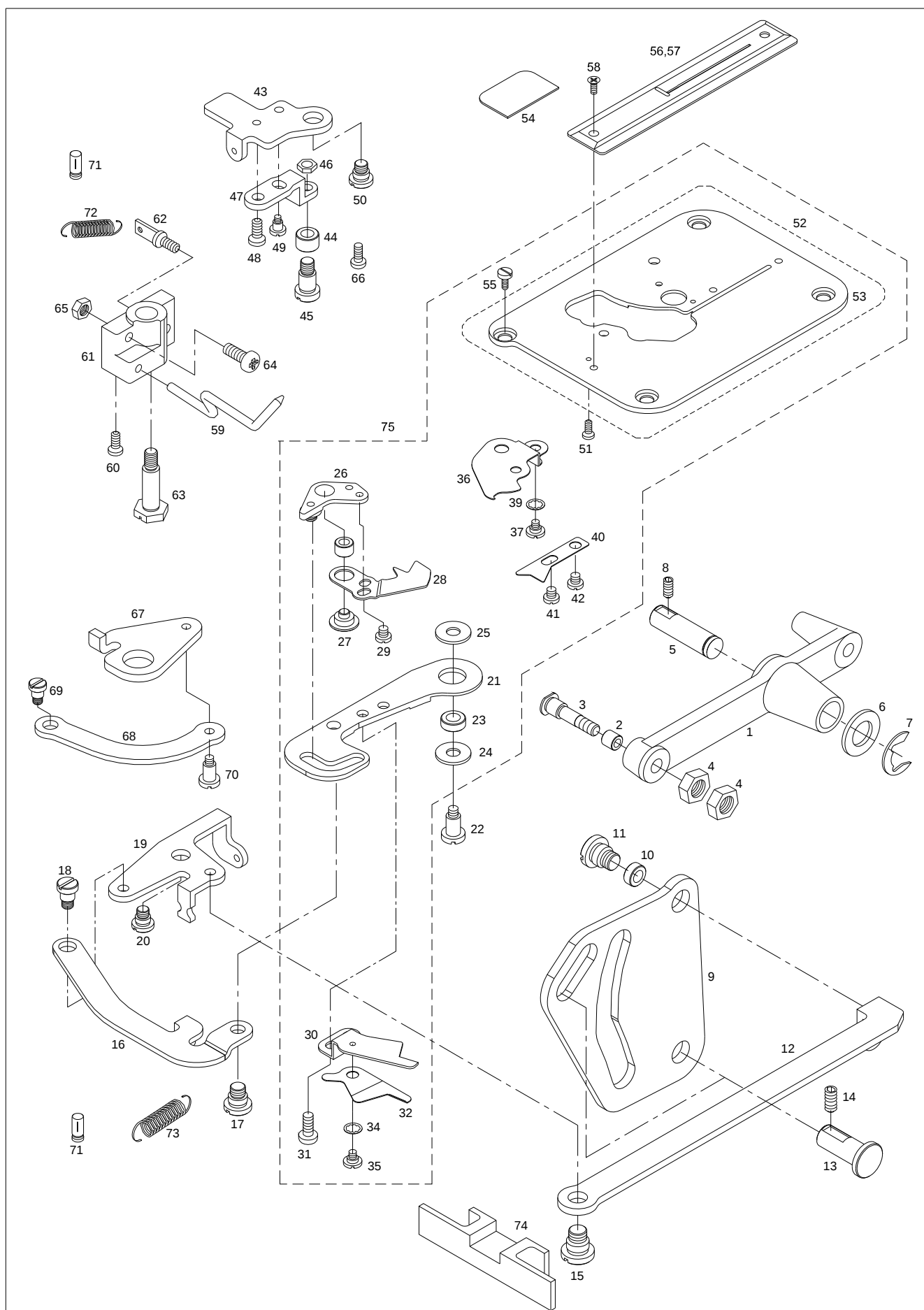
[illegible]



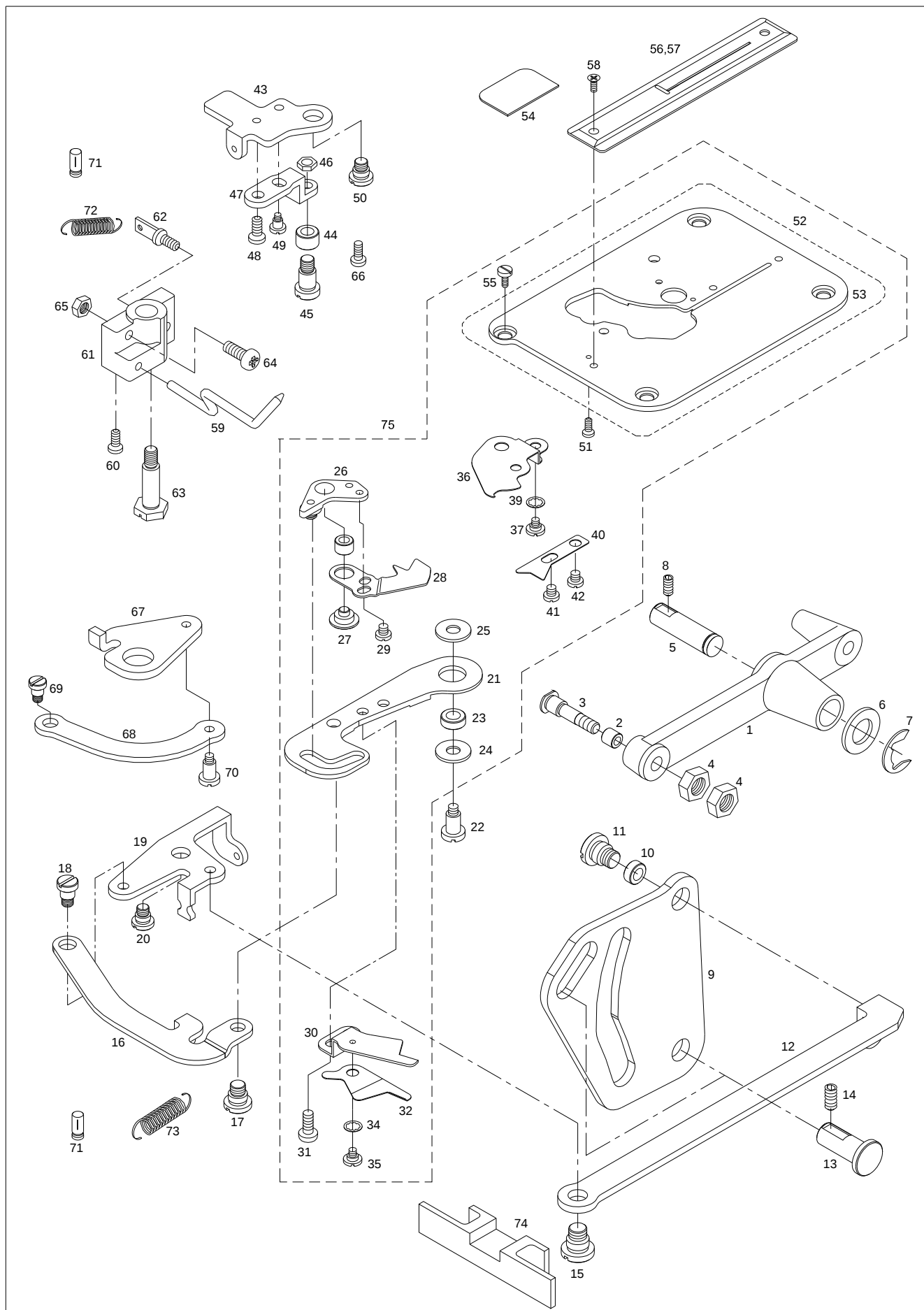
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
G-1	CUT-KF000100		Upper Thread Trimmer Hinge Shaft	상사절 힌지축	1	
G-2	DCL-AA003000		Upper Thread Trimmer Hinge Shaft Collar	상사절 힌지축 카라	1	
G-3	DSC-CB000700		Screw (M5×P0.8)	상사절 힌지축 카라 침나사	2	
G-4	DPK-CB000100		Upper Thread Trimmer Hinge Shaft Rubber Cap	상사절 힌지축 고무마개	1	
G-5	DWS-AB000101		Washer	상사절 레버 와셔	1	Dec.21.11
G-6	DSC-FA006800		Stud Screw for Upper Thread Trimmer Lever(15/64", n=28)	상사절 레버 고정 단나사	2	
G-7	CUT-CM000200		Upper Thread Trimmer Lever	상사절 레버	1	
G-8	CUT-BJ000200		Upper Thread Trimmer Lever Stopper	상사절 레버 스토퍼	1	
G-9	CUT-BJ000300		Upper Thread Trimmer Lever Return Plate	상사절 레버 리턴판	1	
G-10	DCL-BA000700		Upper Thread Trimmer Lever Collar	상사절 레버 카라	2	
G-11	DSC-BF003800		Screw (9/64", n=40)	상사절 레버 리턴판 침나사	2	
G-12	DSP-AB001700		Upper Thread Trimmer Lever Extension Spring	상사절 레버 인장 스프링	1	
G-13	CUT-BJ000800		Spring Holder Plate	스프링 걸이판	1	
G-14	DSC-BA000900		Screw (9/64", n=40)	스프링 걸이판 침나사	1	
G-15	DSP-AB001800		Upper Thread Trimmer Extension Spring	상사절 인장 스프링	2	
G-16	CUT-BJ000400		Upper Thread Trimmer Setting Plate	상사절 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 침나사 (M5×L10)	1	
G-21	CUT-NB000101		Upper Thread Trimmer Fixing Mes	상사절 고정메스	1	May.03.12
G-22	CUT-NA000100		Upper Thread Trimmer Moving Mes	상사절 동메스	1	
G-23	CUT-BJ000500		Upper Thread Tension Plate	상사절 장력판	1	
G-24	DSC-FD000500		Screw (1/8", n=40)	메스 고정 단나사	1	
G-25	DPK-CA001200		Upper Thread Stopper Rubber	상사절 스토퍼 고무	1	
G-26	DSC-BF007500		Screw (11/64", n=40)	상사절 고정 메스 침나사	1	
G-27	DWS-AA000600		Washer	상사절 고정 메스 와셔	1	
G-28	PWS-CA001600		Spring Washer	상사절 고정 메스 스프링 와셔	1	
G-29	CUT-DF000100		Upper Thread Trimmer Opening Cam(A)	상사절 개방 캠 (A)	1	
G-30	CUT-DF000200		Upper Thread Trimmer Opening Cam(B)	상사절 개방 캠 (B)	1	
G-31	DSC-BF003100		Bolt (M4×P0.7)	상사절 개방 캠 볼트	2	
G-32	PSC-AC002100		Screw (M4×P0.7)	상사절 개방 캠 침나사	2	
G-33	CUT-CB000100		Upper Thread Trimmer Driving Lever	상사절 구동 레버	1	
G-34	CUT-CL000200		Upper Thread Trimmer Driving Lever Roller	상사절 구동 레버 롤러	1	
G-35	PBR-AA013600		Upper Thread Trimmer Driving Lever Bearing	상사절 구동 레버 베어링	1	Oct.11.11
G-36	DSC-FB001103		Hinge Screw For Driving Roller(3/16", n=32)	구동 롤러 단나사	1	Oct.11.11
G-37	PPK-BA000900		O-Ring	O-링	2	
G-38	CUT-CM000300		Longitudinal Feed Arm for Upper Thread Trim	상사절 세로 이송 암	1	
G-39	CUT-CL000100		Roller for Long Longituinal Feed Arm	상사절 세로 이송 암 롤러	1	
G-40	CUT-KC000200		Roller Shaft For Longituinal Feed Arm	상사절 세로 이송 암 롤러 축	1	
G-41	PSR-AC000200		E-Ring	상사절 세로 이송 암 롤러 축 E-링	1	
G-42	DSC-CB000500		Screw (15/64", n=28)	상사절 세로 이송 암 축 침나사	1	
G-43	PSC-AC001200		Screw (M6×P1.0)	상사절 세로 이송 암 침나사	1	
G-44	CUT-CM000400		Upper Thread Trimmer Driving Arm	상사절 구동 암	1	
G-45	CUT-BJ000700		Upper Thread Trimmer Lever Support Plate	상사절 레버 지지판	1	
G-46	PSC-AC001500		Screw (M4×P0.7)	상사절 레버 지지판 침나사	1	
G-47	10-017W-1600		Washer	상사절 레버 지지판 침나사 와셔	1	
G-48	DSC-FA008700		Roller Shaft For Upper Thread Trimmer Driving Arm	상사절 구동 암 롤러 축	1	
G-49	10-017W-1600		Washer	상사절 구동 암 롤러 축 와셔	1	
G-50	PSN-AA002100		Nut (M5)	상사절 구동 암 롤러 축 너트(M5)	1	
G-51	CUT-CL000300		Roller For Upper Thread Trimmer Driving Arm	상사절 구동 암 롤러	1	
G-52	CUT-BJ000900		Upper Thread Trimmer Driving Arm Stopper	상사절 구동암 스토퍼	1	
G-53	PSC-AC001500		Screw (M4×P0.7)	상사절 구동암 스토퍼 침나사	1	
G-54	DWS-AA001100		Washer	상사절 구동암 스토퍼 와셔	1	
G-55	PSC-AC001200		Screw (M6×P1.0)	상사절 구동암 침나사	1	
G-56	10-121A-300G		Upper Thread Trimmer Mes Ass'y	상사절 메스(조)	1Set	
G-57	DWS-AA001100		Washer	와셔	2	



[illegible]



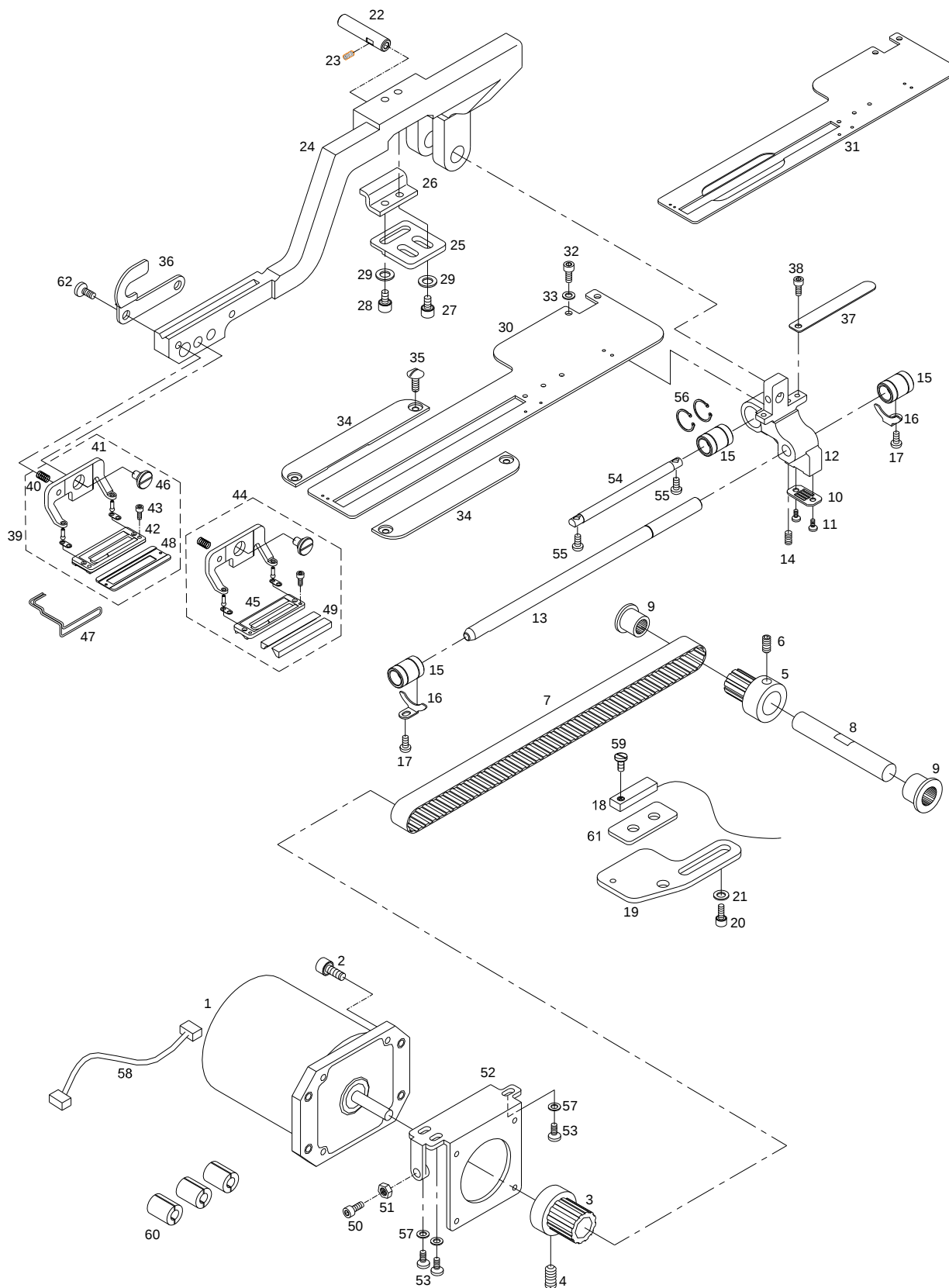
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
H-1	CLT-CM000300		Lower Thread Trimmer Driving Lever	하사절 작동 레버	1	
H-2	CLT-CL000100		Lower Thread Trimmer Driving Lever Roller	하사절 작동 레버 롤러	1	
H-3	DSC-FA007000		Stud Screw for Lower Thread Trimmer Driving Lever Roller	하사절 작동 레버 롤러 단나사	1	
H-4	DSN-AA000600		Nut (3/16", n=32)	하사절 작동 레버 롤러 단나사 너트	2	
H-5	DPN-AA004500		Lower Thread Trimmer Driving Lever Shaft	하사절 작동 레버 축	1	
H-6	DWS-AA000700		Washer	하사절 작동 레버 축 와셔	1	
H-7	PSR-AC000800		E-Ring	하사절 작동 레버 축 E-링	1	
H-8	DSC-CB000500		Screw (15/64", n=28)	하사절 작동 레버 축 찰나사	1	
H-9	CLT-DF000100		Lower Thread Trimmer Cam	하사절 캠	1	
H-10	CUT-CL000200		Lower Thread Trimmer Cam Roller	하사절 캠 롤러	1	
H-11	DSC-FA005800		Stud Screw(B) for Lower Thread Trimmer Rod	하사절 연결 롯데 단나사 (B)	1	
H-12	CLT-CC000100		Lower Thread Trimmer Rod	하사절 연결 롯데	1	
H-13	DPN-AD004300		Lower Thread Trimmer Cam Shaft	하사절 캠 축	2	
H-14	DSC-CB000500		Screw (15/64", n=28)	하사절 캠 축 찰나사	2	
H-15	DSC-FA007100		Stud Screw(A) for Lower Thread Trimmer Rod	하사절 연결 롯데 단나사 (A)	1	
H-16	CLT-CA000100		Lower Thread Trimmer Link (A)	하사절 링크 (A)	1	
H-17	DSC-FA007200		Stud Screw for Lower Thread Trimmer Link (A)	하사절 링크 (A) 단나사	1	
H-18	DSC-FA005900		Stud Screw for Lower Thread Trimmer Link	하사절 링크 연결 단나사	1	
H-19	CLT-CA000200		Lower Thread Trimmer Link (B)	하사절 링크 (B)	1	
H-20	DSC-FA007300		Stud Screw for Lower Thread Trimmer Link (B)	하사절 링크 (B) 단나사	1	
H-21	CLT-CM000400		Mes Driving Lever	메스 작동 레버	1	
H-22	DSC-FA007300		Stud Screw for Mes Driving Lever Roller	메스 작동 레버 롤러 단나사	1	
H-23	CLT-CL000200		Mes Driving Lever Roller	메스 작동 레버 롤러	1	
H-24	DWS-AA006900		Washer(A) for Mes Driving Lever	메스 작동 레버 와셔 (A)	1	
H-25	DWS-AA007000		Washer(B) for Mes Driving Lever	메스 작동 레버 와셔 (B)	1	
H-26	CLT-CM000500		Lever For Lower Thread Retainer	밀실 가리개 레버	1	
H-27	DSC-FA007400		Stud Screw for Lower Thread Retainer Lever(11/64"n=11)	밀실 가리개 레버 단나사	1	
H-28	CLT-BG000200		Lower Thread Retainer	밀실 가리개	1	
H-29	DSC-BJ002800		Screw (9/64", n=40)	밀실 가리개 찰나사	2	
H-30	CLT-NB000201		Fixed Mes for Lower Thread Trimmer Ass'y	하사절 고정 메스 (조)	1Set	
H-31	DSC-BJ002900		Screw (9/64", n=40)	하사절 고정 메스 찰나사	2	
H-32	CLT-NA000201		Moving Mes for Lower Thread Trimmer	하사절 동메스	1	
H-34	DWS-CC000301		Washer	하사절 동메스 파형 와셔	1	
H-35	DSC-BJ003101		Screw (3/32", n=56)	하사절 동메스 찰나사	1	
H-36	CLT-BJ001400		Lower Thread Clamp Plate Ass'y	밀실 걸이판 (조)	1Set	
H-37	DSC-FA008101		Stud Screw for Lower Thread Clamp Plate (1/8", n=40)	밀실 걸이판 단나사		
H-39	DWS-CC000300		Washer	밀실 걸이판 파형 와셔	1	
H-40	CLT-BJ001500		Lower Thread Presser Plate	밀실 누름 판	1	
H-41	DSC-BF008100		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	CLT-BJ001000		Opening Plate A	열림판 A	1	
H-44	CLT-CL000300		Opening Plate Roller	열림판 롤러	1	
H-45	DSC-FA007500		Opening Plate Roller Shaft	열림판 롤러 축	1	
H-46	DSN-AA000300		Nut (11/64"n=40)	열림판 롤러 축 너트	1	
H-47	CLT-BJ001100		Opening Plate B	열림판 B	1	
H-48	PSC-BJ000100		Screw "A"(1/8", n=40)	열림판 찰나사	1	
H-49	DSC-BJ001100		Screw "B"(1/8", n=40)	열림판 찰나사 B	1	
H-50	DSC-FA004300		Stud Screw Opening Plate	열림판 단나사	1	
H-51	DSC-BF008000		Screw (3/32", n=56)	밀실 가리개 레버 스토퍼 찰나사	1	
H-52	10-108A-300G		Lower Thread Trimmer Base Plate Ass'y	하사절 베이스 판 (조)	1Set	
H-53	CLT-BJ001300		Lower Thread Trimmer Base Plate	하사절 베이스 판	1	
H-54	10-106A-306G		Lower Thread Trimmer Base Plate Cover	하사절 베이스 판 커버	1	
H-55	DSC-BJ003000		Screw (11/64", n=40)	하사절 베이스 판 찰나사	4	
H-56	CGA-GA000500		Needle plate (G)	침판 (일반용)	1	
H-57	CGA-GA000600		Needle Plate (K)	침판 (니트용)	1	
H-58	DSC-BB001900		Screw (9/64", n=40)	침판 찰나사	2	
H-59	DSP-AC002400		Bobbin Catcher	보빈 캐처	1	



[illegible]

Y-Moving Mechanism

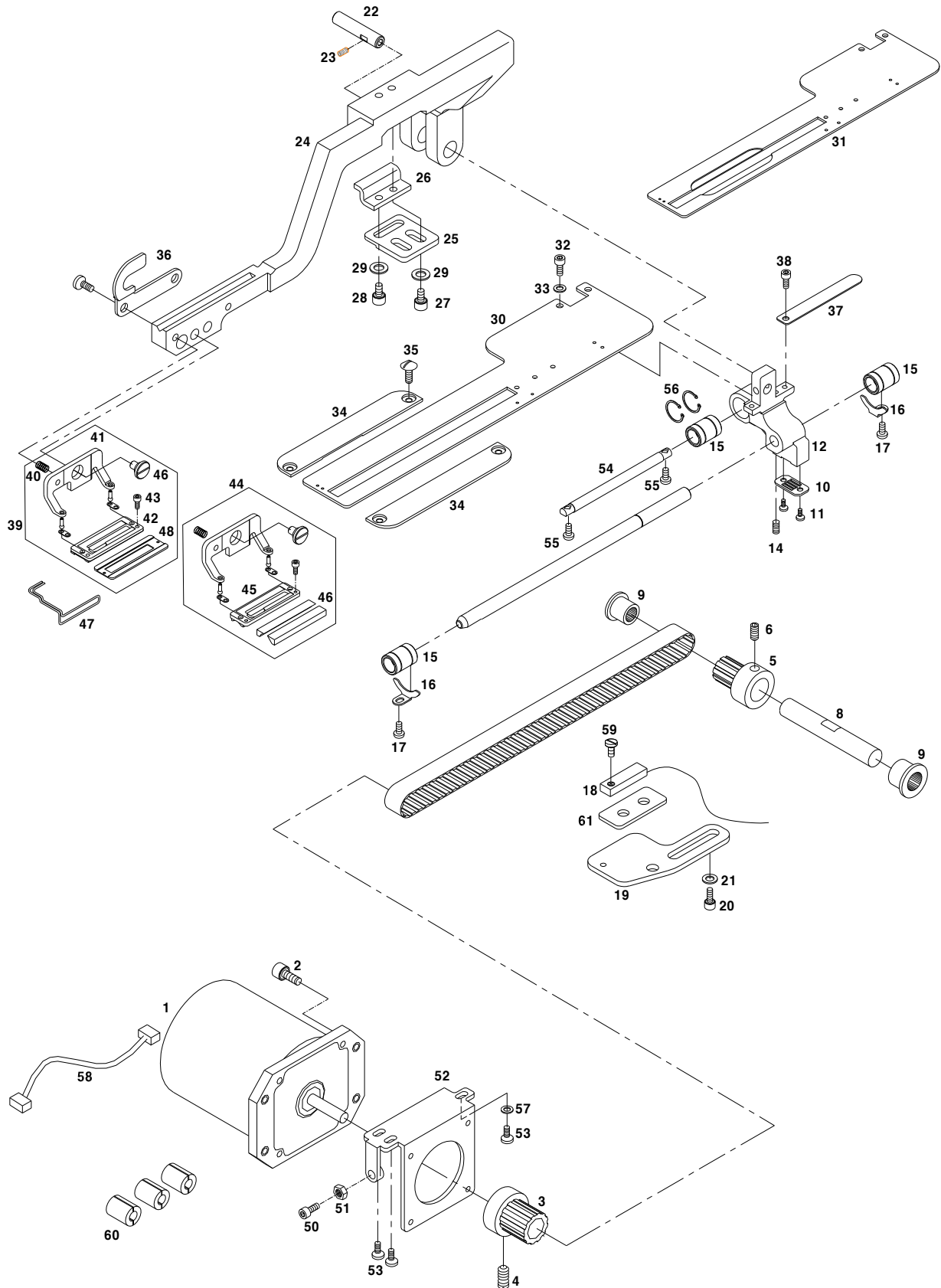
Y-이송 관계



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-BD001700		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-BD001700		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-BD001200		Y-Feed Drive Timing Belt	Y-이송 타이밍 벨트	1	
I-8	CYF-KC001400		Y-Feed Driven Pulley Shaft	Y-이송 종동 폴리 축	1	
I-9	PBR-AA001100		Y-Feed Driven Pulley Bearing	Y-이송 종동 폴리 베어링	2	
I-10	CYF-BJ003900		Y-Feed Timing Belt Holder Plate	Y-이송 타이밍 벨트 잡이판	1	
I-11	DSC-AC001400		Fixing Bolt for Holder Plate	벨트 잡이판 고정 볼트	2	
I-12	CYF-BB001800		Y-Feed Arm Support	Y-이송 아암 지지대	1	
I-13	CYF-KC001500		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	Y-이송 축 베어링	3	
I-16	CYF-BJ002800		Bearing Support Plate	베어링 지지판	2	
I-17	DSC-BJ001100		Screw (9/64", n=40)	베어링 지지판 첩나사	2	
I-18	CA-003414-03		Y-Feed Sensor Ass'y	Y-이송 센서(조)	1	Feb.27.12
I-19	CYF-BJ003800		Feed Sensor Support	Y-이송 센서 받침	1	
I-20	DSC-BF007500		Screw (11/64", n=40)	Y-이송 센서 받침 첩나사	2	
I-21	DWS-AA001100		Washer	Y-이송 센서 받침 첩나사 와셔	2	
I-22	DPN-AA005300		Y-Feed Arm Support Shaft	Y-이송암 지지대 축	1	
I-23	DSC-CB000500		Screw (M5×P0.8)	Y-이송암 지지대 축 첩나사	1	
I-24	CYF-BB001900		Y-Feed Arm	Y-이송암	1	
I-25	CYF-BJ003700		Return Cam Support Plate	리턴 캠 지지판	1	
I-26	CYF-BJ003600		Return Cam	리턴 캠	1	
I-27	PSC-AC001500		Fixing Bolt for Return Cam Support Plate	리턴 캠 지지판 고정 볼트	2	
I-28	PSC-AC001500		Screw (M4×P0.5)	리턴 캠 첩나사	2	
I-29	DWS-AA001100		Washer	리턴 캠 지지판 고정 와셔	4	
I-30	CGA-GJ001100		Feed Plate (G)	이송판 (일반용)	1	
I-31	20-044A-300K		Feed Plate (K)	이송판 (니트용)	1	
I-32	PSC-AC001500		Fixing Bolt for Feed Plate (M4×P0.7)	이송판 고정볼트	2	
I-33	DWS-AA001100		Washer	이송판 고정와셔	2	
I-34	CYF-BJ003300		Feed Plate Guide	이송판 가이드	2	
I-35	DSC-BG000100		Screw (9/64", n=40)	이송판 가이드 첩나사	4	
I-36	CYF-BJ003500		Feed Arm Support	이송암 지지판	1	
I-37	CYF-BJ003400		Y-Feed Arm Supporter Cover	Y-이송암 지지대 커버	1	
I-38	PSC-AC001500		Screw (M4×P0.7)	Y-이송암 지지대 커버 첩나사	1	
I-39	AGA-PS001100		Presser Foot Ass'y	노루발(조)-일반용	1Set	
I-40	DSP-AA003400		Fixing Spring	노루발(상) 고정 스프링	1	
I-41	CGA-GC000800		Presser Foot (U)	노루발 (상)	2	
I-42	CGA-GC000800		Presser Foot (L)	노루발 (하)	1	
I-43	DSC-BF008900		Screw (3/32", n=56)	노루발 (하)-첩나사	2	
I-44	20-053A-300K		Presser Foot Ass'y - for Knit	노루발 (조)-니트용	1Set	
I-45	20-525A-300K		Presser Foot (L)- for Knit	노루발 (하)-니트용	1	
I-46	DSC-FA008800		Stud Screw for Presser Foot(9/64", n=40)	노루발 단나사	1	
I-47	CPB-BH000200		Finger Guard	핑거가드	1	
I-48	20-526R-300G		Presser Foot Cushion Rubber (G)	노루발 쿠션 고무 (일반용)	1	
I-49	20-527R-300K		Presser Foot Cushion Rubber (K)ention	노루발 쿠션 고무 (니트용)	2	
I-50	20-055S-300G		Adjusting Screw for Timing Belt	타이밍 벨트 장력 조절 나사(M5×L25)	1	
I-51	PSN-AA002100		Tention Adjusting Nut for Timing Belt	타이밍 벨트 장력 조절 너트(M5)	1	
I-52	CYF-BB001400		Y-Holder Bracket	Y-모터 브라켓	1	
I-53	PSC-AC002900		Screw (M6×P1.0)	Y-모터 브라켓 첩나사	3	
I-54	CYF-KC001600		Y-Feed Guide Shaft	Y-이송 가이드 축	1	
I-55	DSC-AC001400		Screw (11/64"n=40)	Y-이송 가이드 축 첩나사	2	
I-56	DSR-AA000100		C-Ring (φ19)	C-Ring	2	
I-57	DWS-AA007100		Washer	평와셔	3	

Y-Moving Mechanism

Y-이송 관계

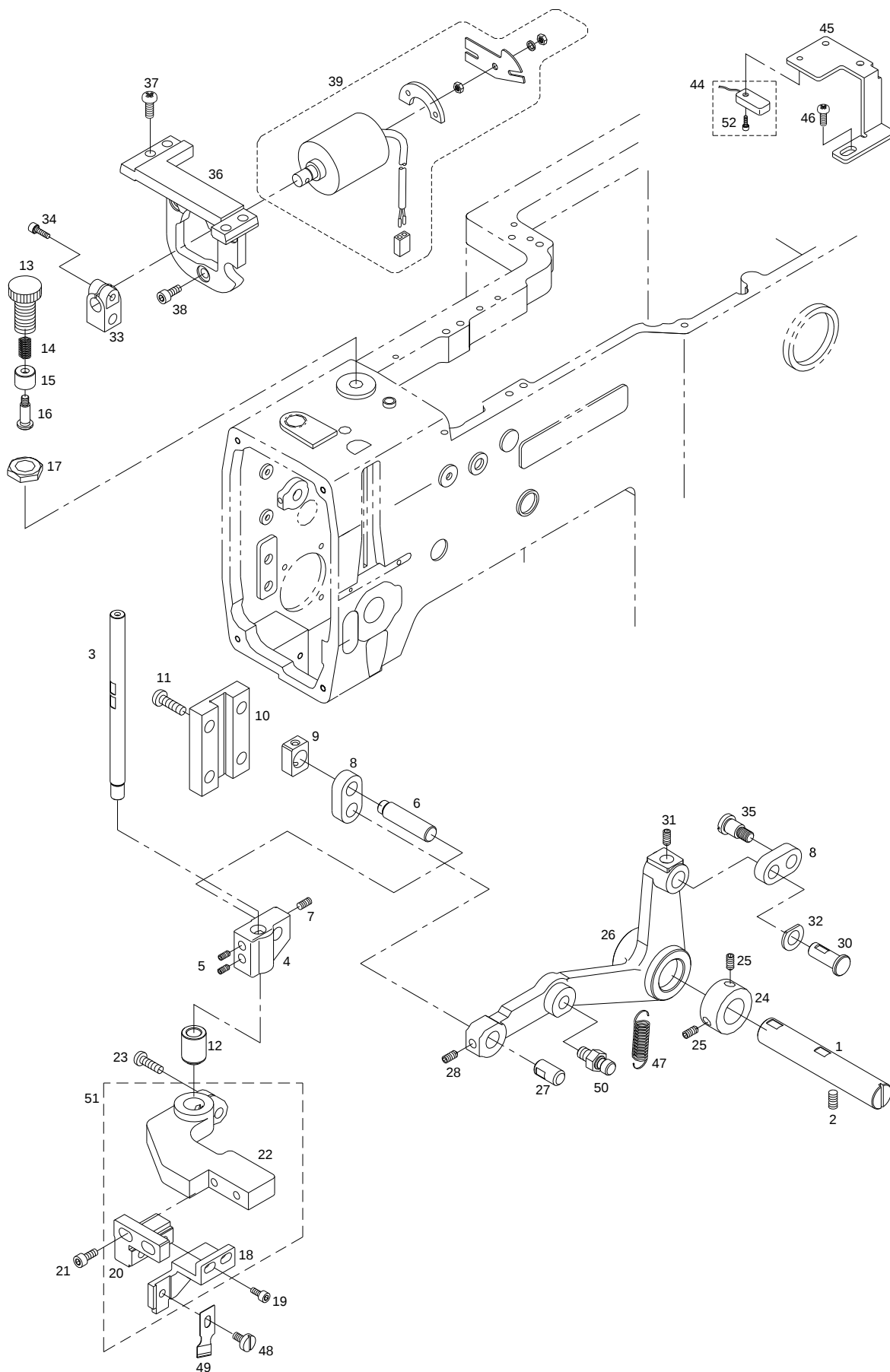


[illegible]

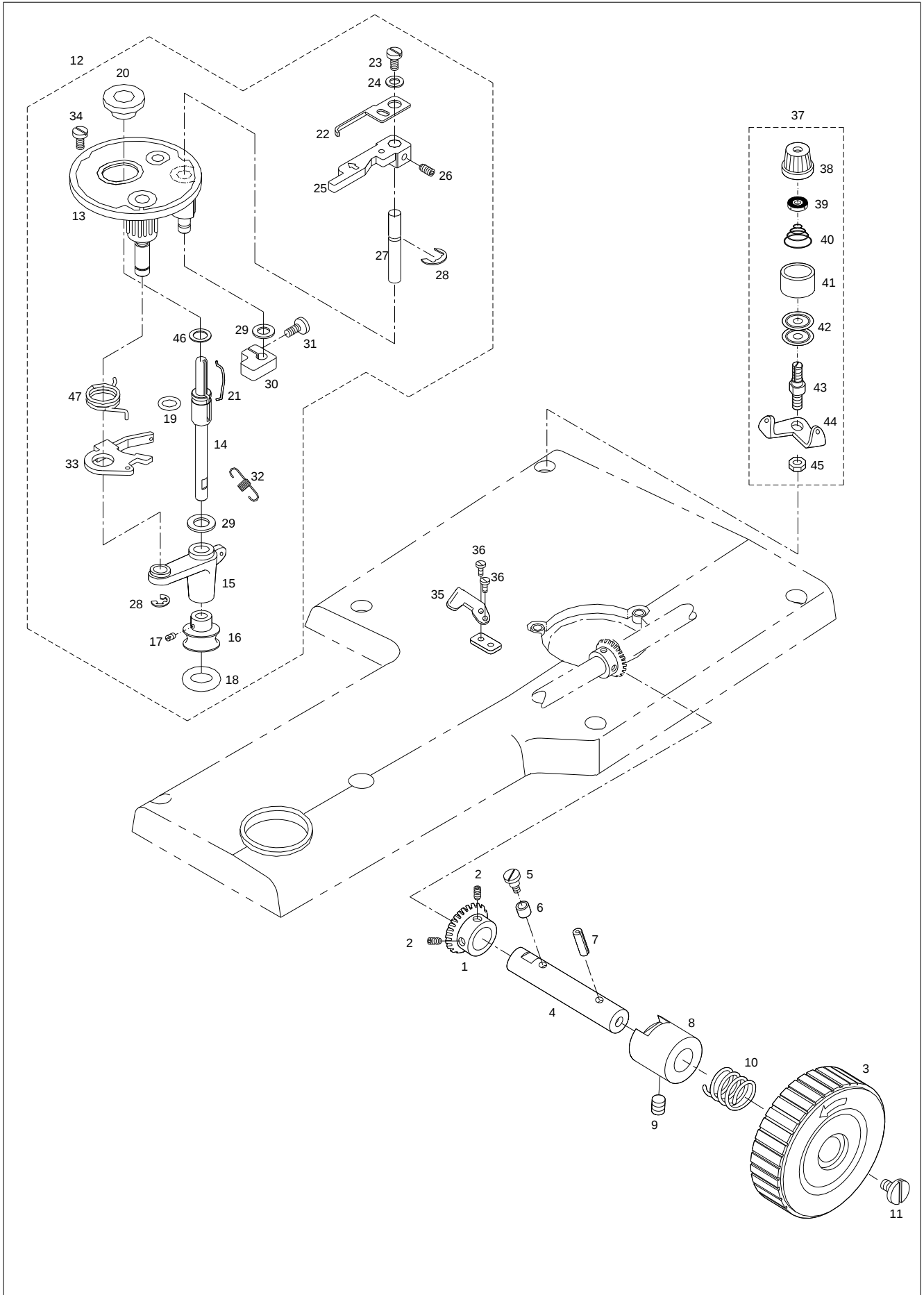
J

Cutter Mechanism

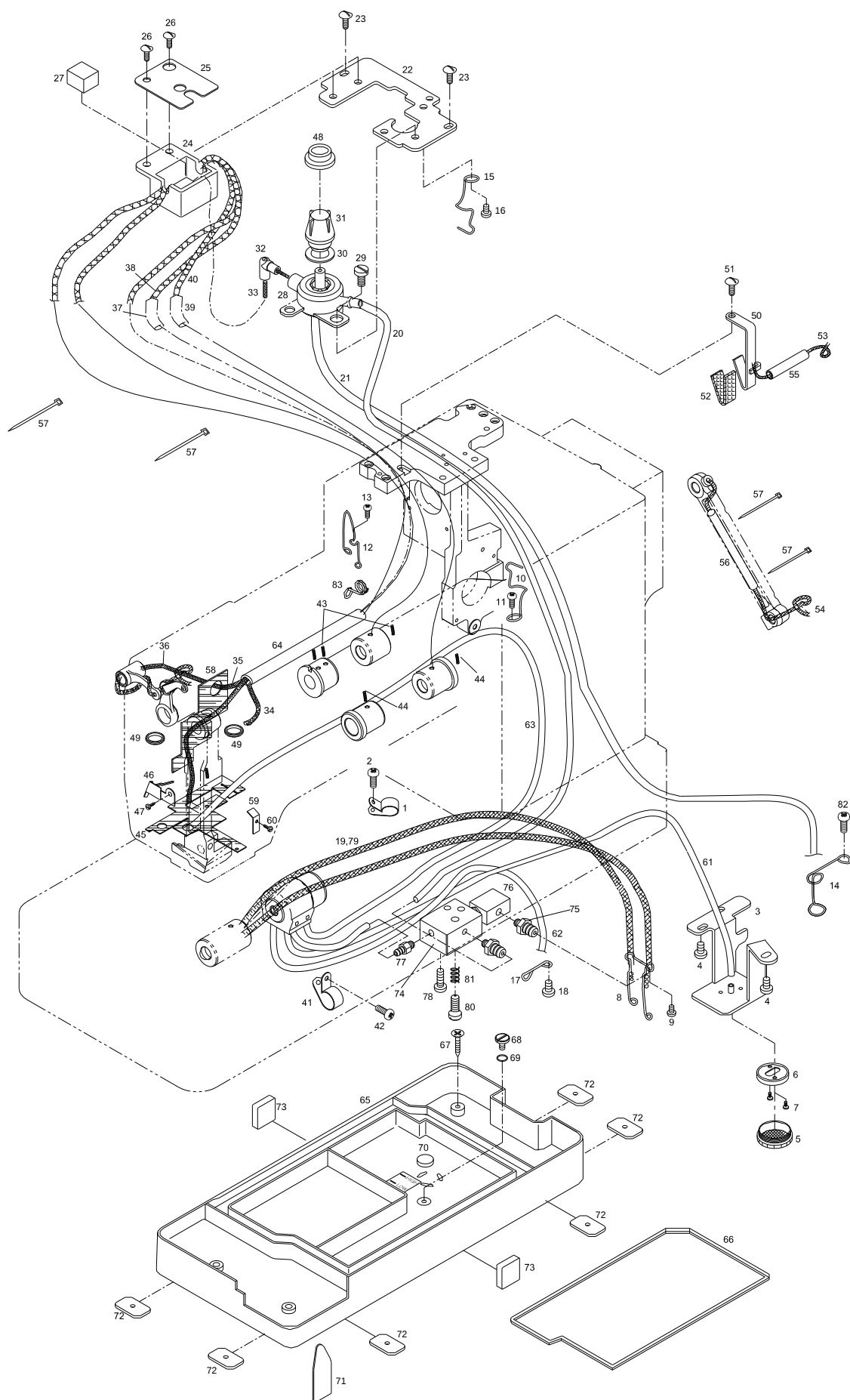
커터 관계



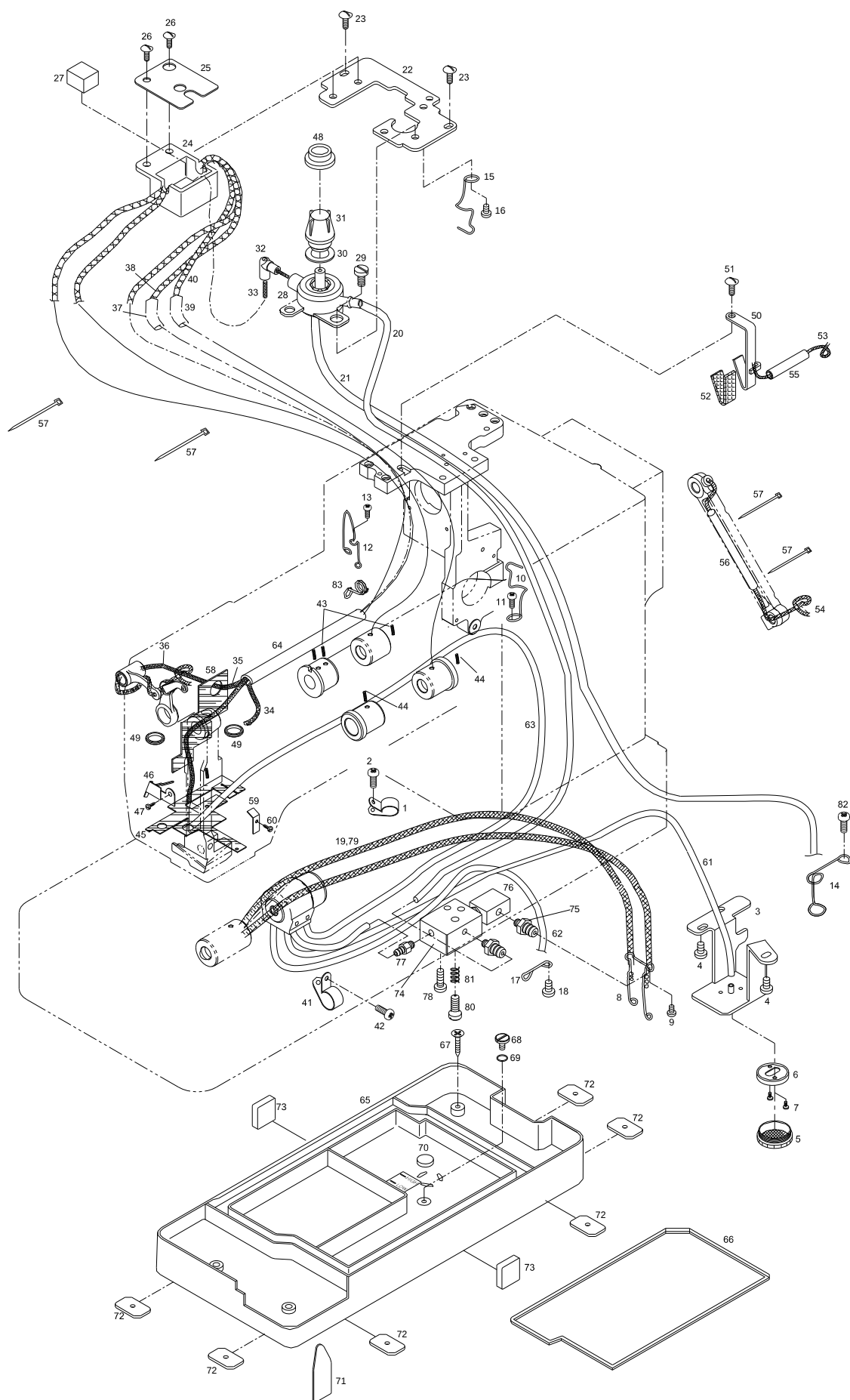
[illegible]



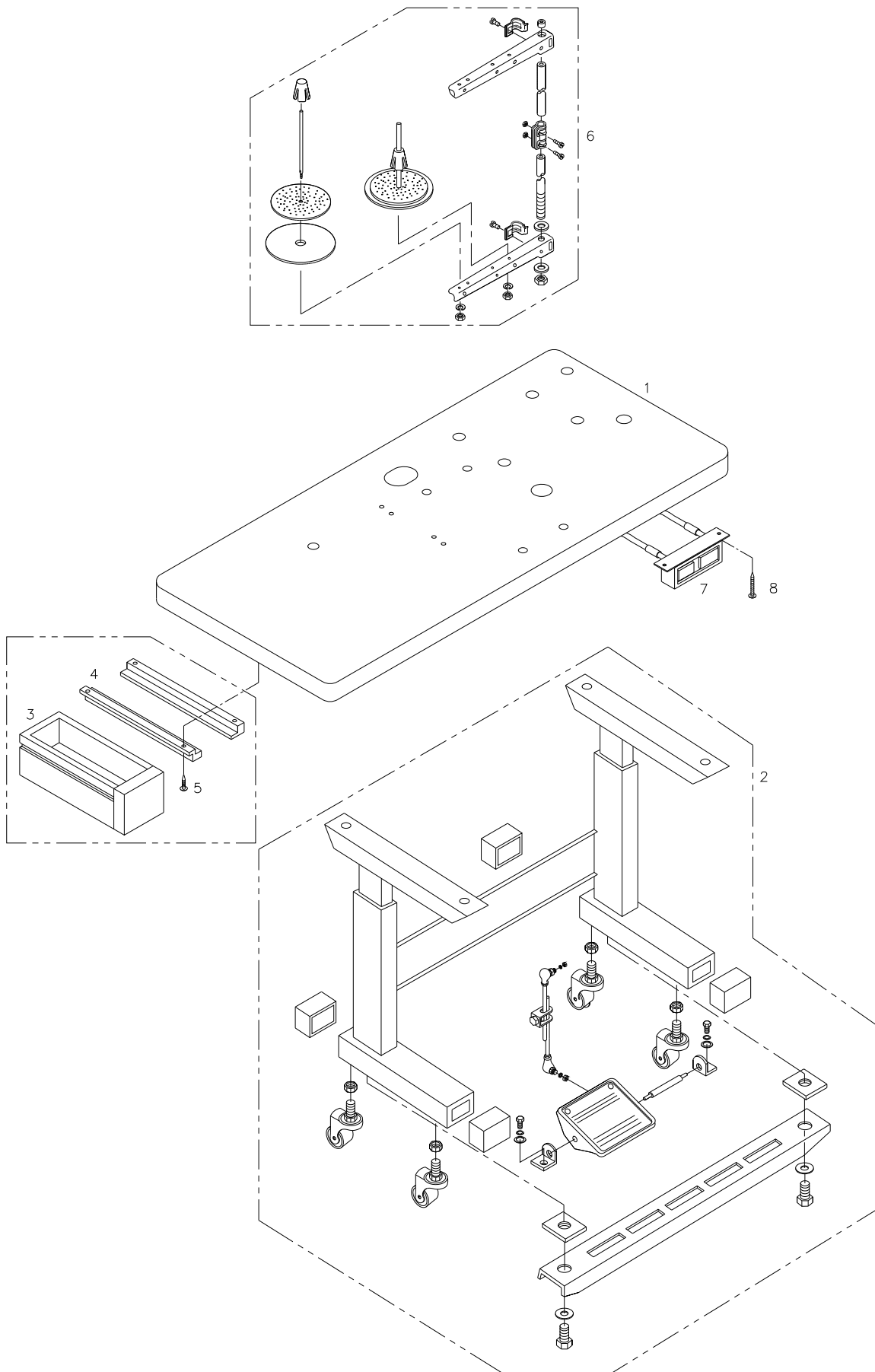
[illegible]



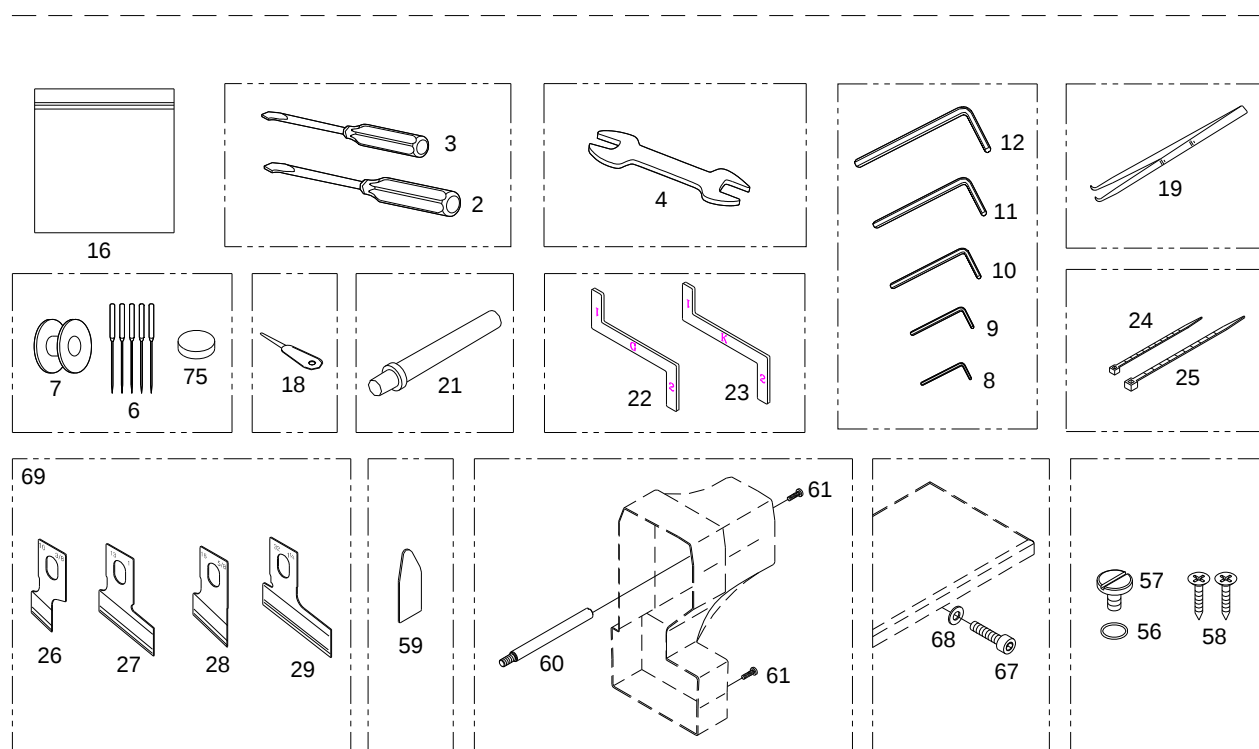
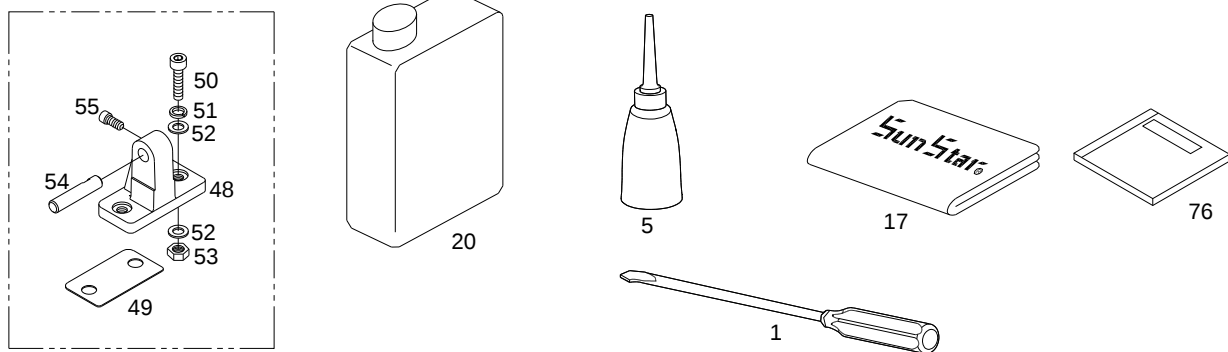
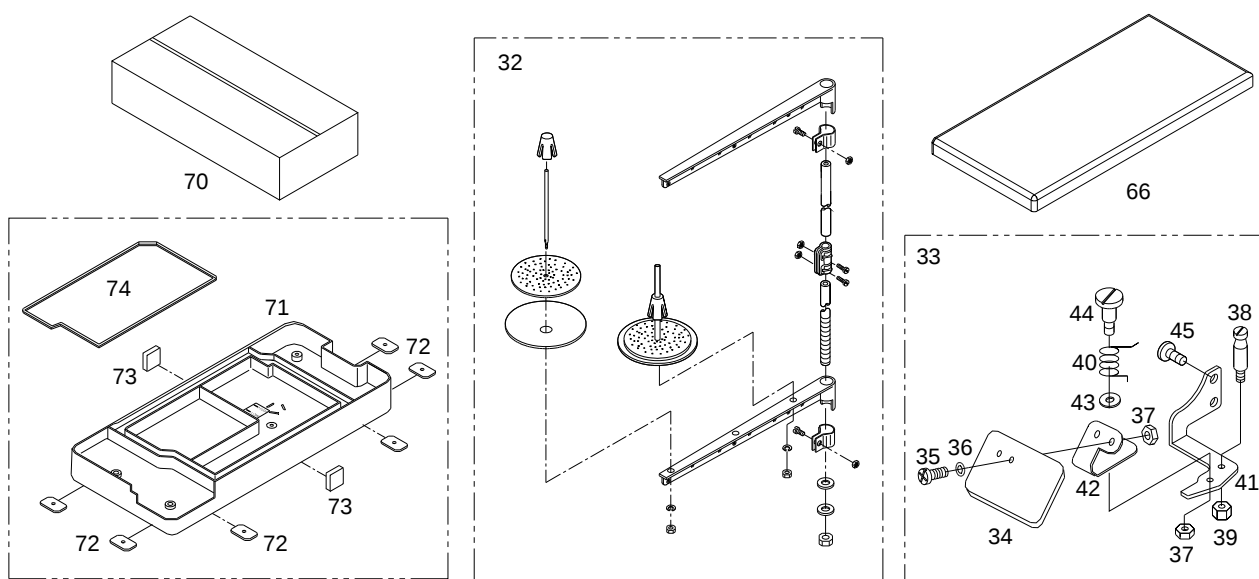
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
L-1	PTC-AH000300		Code Holder (6N)	코드 홀더 (6N)	1	
L-2	DSC-BA000900		Screw (9/64", n=40)	코드 홀더 점나사	1	
L-3	CLB-BB000400		Oil Filter Base Bracket	오일 필터 베이스 브라켓	1	
L-4	DSC-BJ000200		Screw (11/64", n=40)	오일 필터 베이스 브라켓 고정나사	3	
L-5	CLB-JK000100		Oil Filter	오일 필터	1	
L-6	CLB-BA000100		Oil Filter Base	오일 필터 베이스	1	
L-7	DSC-BA000900		Screw (9/64", n=40)	오일 필터 고정나사	2	
L-8	CLB-BH000800		Holder for Oil Hose A	호스잡이 A	1	
L-9	DSC-BA000900		Screw A (9/64", n=40)	호스잡이 A 고정나사	1	
L-10	CLB-BH000500		Holder for Oil Hose B	호스잡이 B	1	
L-11	DSC-BA000900		Screw B (9/64", n=40)	호스잡이 B 고정나사	1	
L-12	CLB-BH000600		Holder for Oil Hose C	호스잡이 C	1	
L-13	DSC-BA000900		Screw C (9/64", n=40)	호스잡이 C 고정나사	1	
L-14	CLB-BH000700		Holder for Oil Hose D	호스잡이 D	1	
L-15	CLB-BH000500		Holder for Oil Hose E	호스잡이 E	1	
L-16	DSC-BJ000200		Screw E (11/64", n=40)	호스잡이 E 고정나사	1	
L-17	CLB-BH000900		Holder for Oil Hose F	호스잡이 F	1	
L-18	DSC-BA000900		Screw F (9/64", n=40)	호스잡이 F 고정나사	1	
L-19	CLB-JG000200		Oil Wick for Lower Shaft Bushing(F)	하축 전봇심 급유 유심(φ5×φ7)	1	
L-20	CLB-JG000500		Oil Hose for Oil Terminal	오일 터미널 급유 호스(φ3×φ5)	1	
L-21	CLB-JG000100		Return Hose for Oil Terminal	오일 터미널 환류 호스(φ6×φ8)	1	
L-22	CLB-BJ000600		Oil Terminal Base	오일 터미널 베이스	1	
L-23	DSC-BA000900		Screw (9/64", n=40)	오일 터미널 베이스 고정나사	3	
L-24	CLB-JB000200		Felt Base	헬트 베이스	1	
L-25	CLB-BJ000500		Felt Base Plate	헬트 베이스 판	1	
L-26	DSC-BJ000200		Screw (11/64", n=40)	헬트 베이스 판 고정 나사	2	
L-27	CLB-JL003300		Felt A	헬트 A	1	
L-28	CLB-JH000200		Oil Terminal	오일 터미널	1	
L-29	DSC-BJ000200		Screw (11/64", n=40)	오일 터미널 고정 나사	2	
L-30	CLB-FA000200		Oil Window Packing	유창 고무 패킹	1	
L-31	CLB-JJ000500		Oil Cap	유창	1	
L-32	CLB-JF000700		Oil Pipe	오일 파이프	1	
L-33	CLB-JD000100		Wick for Oil Terminal	오일 터미널 유심	1	
L-34	CLB-JD000100		Oil Wick for Upper Shaft Bushing(F)	상축 전 봇심 급유 유심	1	
L-35	CLB-JD000100		Oil Wick for Needle Bar Frame	바늘대 후레임 급유 유심	1	
L-36	CLB-JD000100		Oil Wick Thread Take-up Lever	실채기 급유 유심	2	
L-37	CLB-JG000500		Oil Hose for Upper Shaft Bushing(R)	상축 후 봇심 급유 호스(φ3×φ5)	1	
L-38	CLB-JD000100		Oil Wick for Upper Shaft Bushing(R)	상축 후 봇심 급유 유심	1	
L-39	CLB-JG000500		Oil Hose for Oscillator Shaft Bushing(R)	요동축 후 봇심 급유 호스(φ3×φ5)	1	
L-40	CLB-JD000100		Oil Wick for Oscillator Shaft Bushing(R)	요동축 후 봇심 급유 유심	1	
L-41	PTC-AH000100		Code Holder (5N)	코드 홀더 (5N)	2	
L-42	DSC-BA000900		Screw (9/64", n=40)	코드 홀더 고정 나사	2	
L-43	CLB-JL000800		Oil Felt for Upper Shaft Bushing(F, R)	상축 전,후 봇심 급유 헬트	3	
L-44	CLB-JL000800		Oil Felt for Oscillator Shaft Bushing(F, R)	요동축 전,후 봇심 급유 헬트	2	
L-45	CLB-JL003500		Falt	면판부 오일 환류 헬트	1	
L-46	CLB-BG002600		Oil Return Felt	헬트 지지대	1	
L-47	DSC-BA000900		Felt Support	헬트 지지대 고정나사	1	
L-48	DPK-CA001300		Screw (9/64", n=40)	유창 지지대	1	
L-49	DPK-CZ000500		Oil Cap Support	오일리젝터	2	
L-50	CLB-BG002700		Oil Rejecter	지그재그 연결 롯데 헬트 잡이	1	
L-51	DSC-BA000900		Zigzag Connecting Rod Felt Holder	헬트 잡이 고정나사	1	
L-52	CLB-JL002901		Felt	지그재그 연결 롯데 급유 헬트	1	Oct.19.10
L-53	CLB-JD000100		Oil Wick for Zigzag Connecting Rod B	지그재그 연결 롯데 급유 유심 B	1	
L-54	CLB-JD000100		Oil Wick for Zigzag Connecting Rod B	지그재그 연결 롯데 급유 유심B	1	
L-55	CLB-JG000500		Oil Hose for Zigzag Connecting Rod A	지그재그 연결 롯데 급유 호스A(φ3×φ5)	1	
L-56	CLB-JG000500		Oil Hose for Zigzag Connecting Rod B	지그재그 연결 롯데 급유 호스B(φ3×φ5)	2	
L-57	PTC-AG000200		Cable Tie	급유호스 고정 케이블 잡이	4	



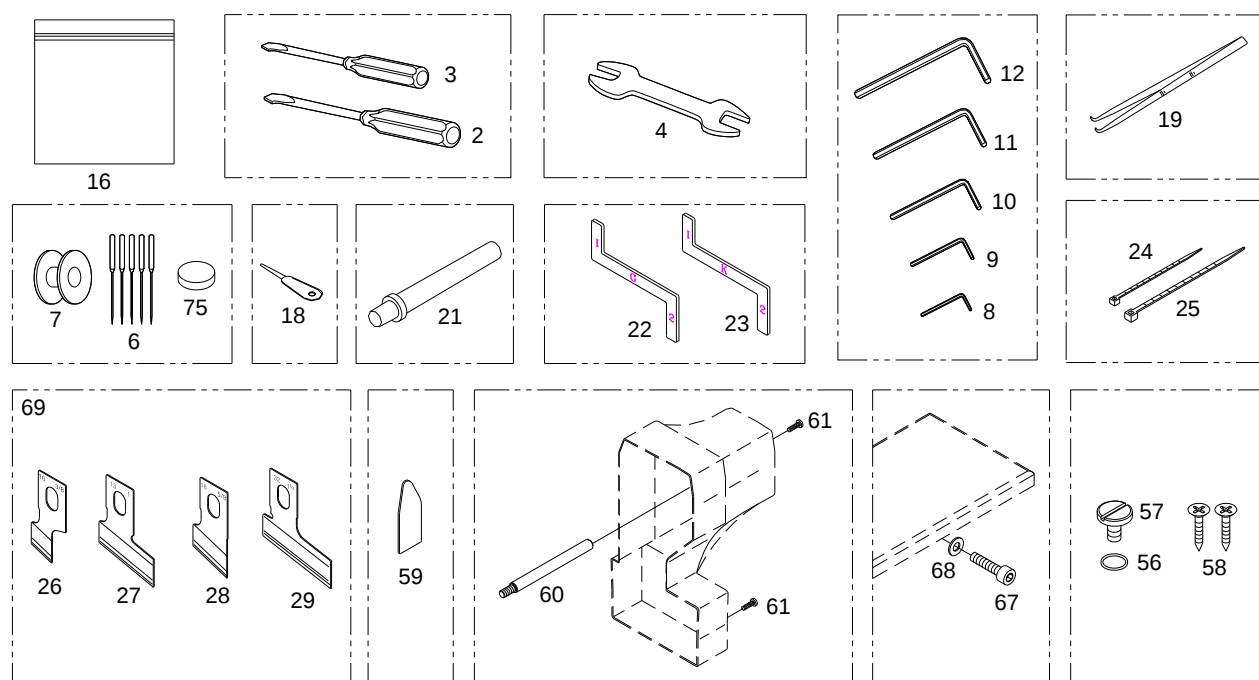
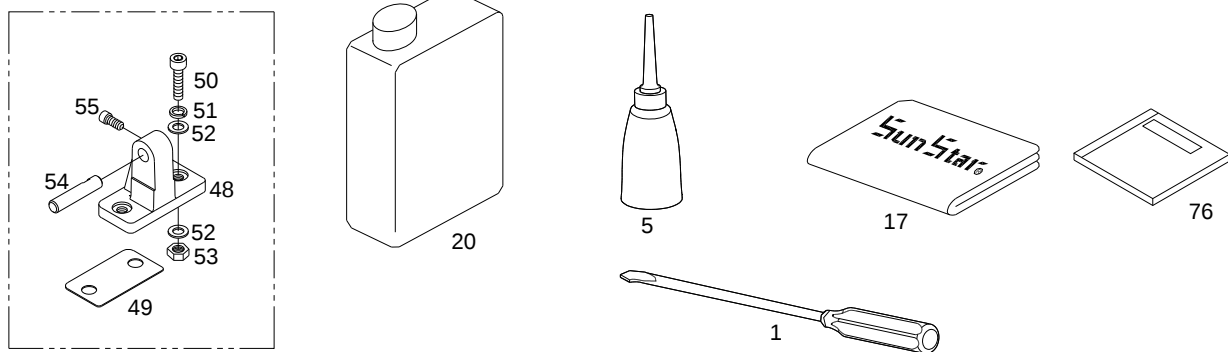
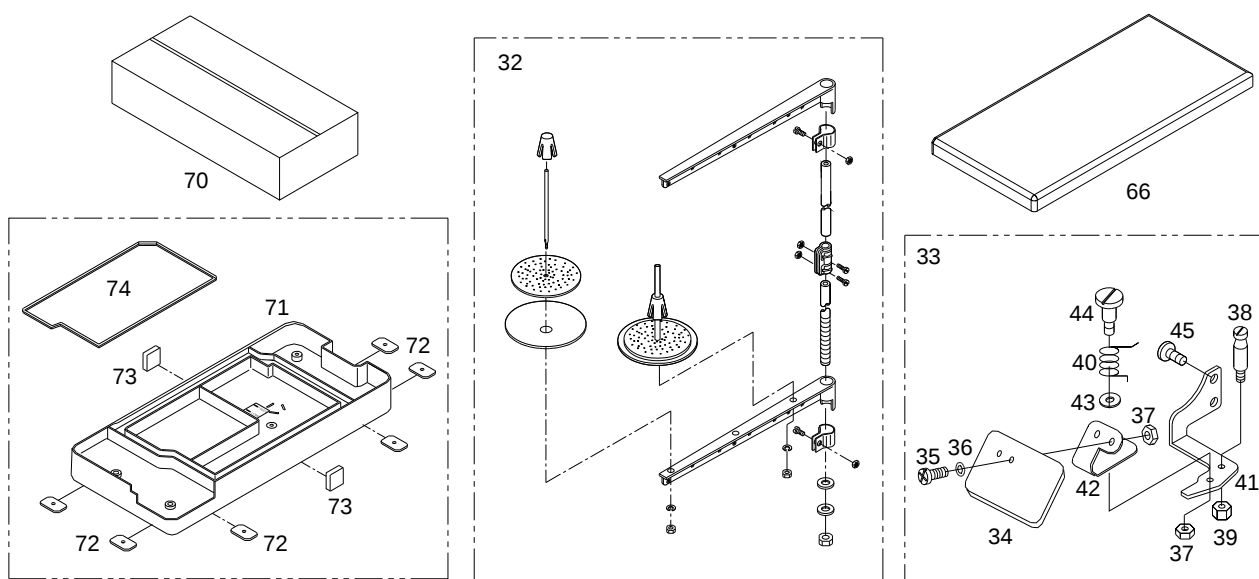
[illegible]



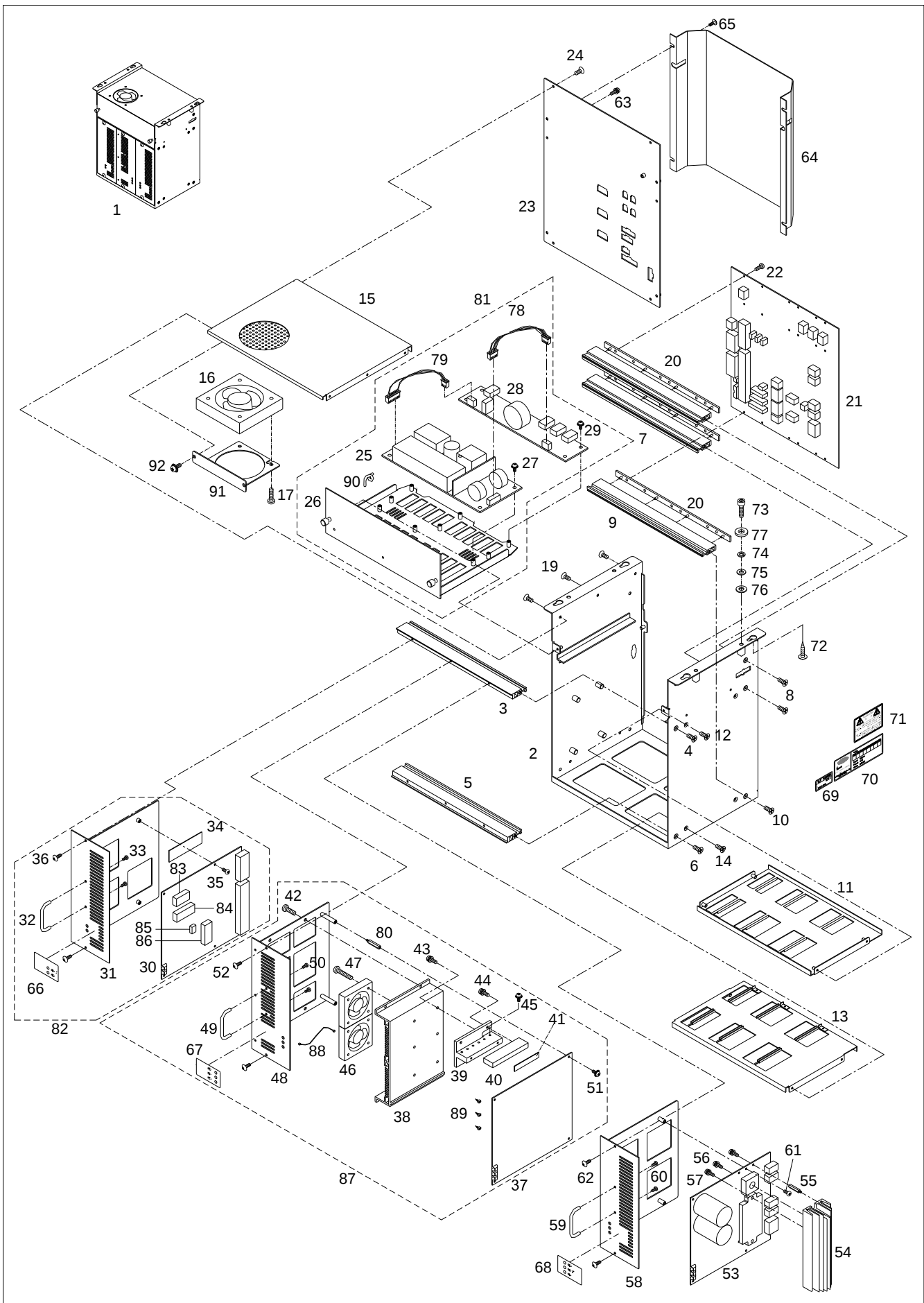
[illegible]



Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
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		Spaner (9x10)	스패너 (9x10)	1	
N-5	CAC-JB000100		Oiler	오일 주유통	1	
N-6	-	K	Needle (DPx5 #11J)for D-BH3000G	바늘 (DPx5 #11J)for D-BH3000G	5	
	-	G	Needle (DPx5 #14)for D-BH3000	바늘 (DPx5 #14)for D-BH3000	5	
N-7	CHK-HB000500		Bobbin	보빈	2	
N-8	PTL-AB000100		L-Shaped Wrench (2mm)	L자 렌즈 (2mm)	1	
N-9	PTL-AB000300		L-Shaped Wrench (2.5mm)	L자 렌즈 (2.5mm)	1	
N-10	PTL-AB000500		L-Shaped Wrench (3mm)	L자 렌즈 (3mm)	1	
N-11	PTL-AB000400		L-Shaped Wrench (4mm)	L자 렌즈 (4mm)	1	
N-12	PTL-AB000200		L-Shaped Wrench (5mm)	L자 렌즈 (5mm)	1	
N-16	CAC-MH000100		Accessory Bag	액세서리 백	1	
N-17	91-001C-120H		Head Cover	헤드커버	1	
N-18	CAC-BJ000600		Thread	실끼우개	1	
N-19	91-020A-300G		Pin Set	핀셋	1	
N-20	91-008C-1230		Oil	오일통	1	
N-21	CST-CR000200		Body Support	두부 지지봉	1	
N-22	04-026A-300G	G	Gauge for Needle Bar Setting (G)	바늘대 셋팅 게이지(G)	1	
N-23	04-027A-300K	K	Gauge for Needle Bar Setting (K)	바늘대 셋팅 게이지 (K)	1	
N-24	PTC-AG000200		Cable Tie (S)	케이블 타이(소)	5	
N-25	PTC-AG000100		Cable Tie (M)	케이블 타이(중)	10	
N-26	28-054A-300G		Cutter (3/8")	커터(3/8")	1	
N-27	28-056A-300G		Cutter (1")	커터(1")	1	
N-28	28-055A-300G		Cutter (5/8")	커터(5/8")	1	
N-29	28-057A-300G		Cutter (1 1/4")	커터(1 1/4")	1	
N-32	CST-MF000100		Thread Stand Ass'y	실패꽃이(조)	1Set	
N-33	AMB-PS001000		Safety Plate Ass'y	안전판(조)	1Set	
N-34	CMB-BJ000900		Safety Plate	안전판	1	
N-35	DSC-BJ000200		Screw (11/64", n=40)	안전판 체결나사	2	
N-36	DWS-AA000500		Washer	와셔	2	
N-37	DSN-AA001200		Nut(11/64", n=40)	너트	3	
N-38	DSC-HD000100		Safety Plate Spring Hook	안전판 스프링 걸이	1	
N-39	DSN-AA000800		Nut	너트	1	
N-40	DSP-AC000100		Safety Plate Spring	안전판 스프링	1	
N-41	CMB-BB002200		Safety Plate Bracker	안전판 브라켓	1	
N-42	CMB-BG000100		Safety Plate Holder	안전판 홀더	1	
N-43	DWS-AA000400		Washer	안전판 홀더 와셔	1	
N-44	DSC-FA000100		Safety Plate Screw (11/64", n=40)	안전판 단나사	1	
N-45	DSC-BJ000200		Screw (11/64", n=40)	안전판(조) 체결나사	2	
N-48	CST-BB001100		Bed Hinge Bracket	베드 힌지 브라켓	2	
N-49	CST-FD000700		Rubber for Bed Hinge Bracket Support	베드 힌지 브라켓 받침고무	2	
N-50	PSC-AC001600		Bolt (M10×L70)	베드 힌지 브라켓 고정 볼트	4	
N-51	PWS-CA000300		Spring Washer	베드 힌지 브라켓 와셔	4	
N-52	DWS-AA002000		Washer	베드 힌지 브라켓 와셔	8	
N-53	PSN-AA000300		Nut (M10×P1.5)	베드 힌지 브라켓 고정 너트	4	
N-54	DPN-AA006701		Bed Hinge Shaft	베드 힌지 축	2	
N-55	PSC-BJ000200		Screw (M6×P1.0)	베드 힌지 축 체결나사	2	
N-56	CST-FB000200		O-Ring	O-링	1	
N-57	DSC-BF006100		Screw for Oil Cup	배유 구멍 마감나사	1	
N-58	PSC-DA000100		Screw	스크류나사	4	
N-59	44-067A-300G		Oil Stopper Plate	오일 스토퍼 판	1	
N-60	DSC-HB000900		Motor Cover Support Bar(9/32", n=40)	모터 커버 지지봉	1	
N-61	DSC-BF001200		Screw (9/32", n=40)	모터 커버 체결나사	8	
N-66	GP-018491-00		Auxiliary Table	보조판	1	
N-67	SC-0163-7600		Bolt (M5×P0.8×L10)	작업 받침대 고정나사	4	



[illegible]

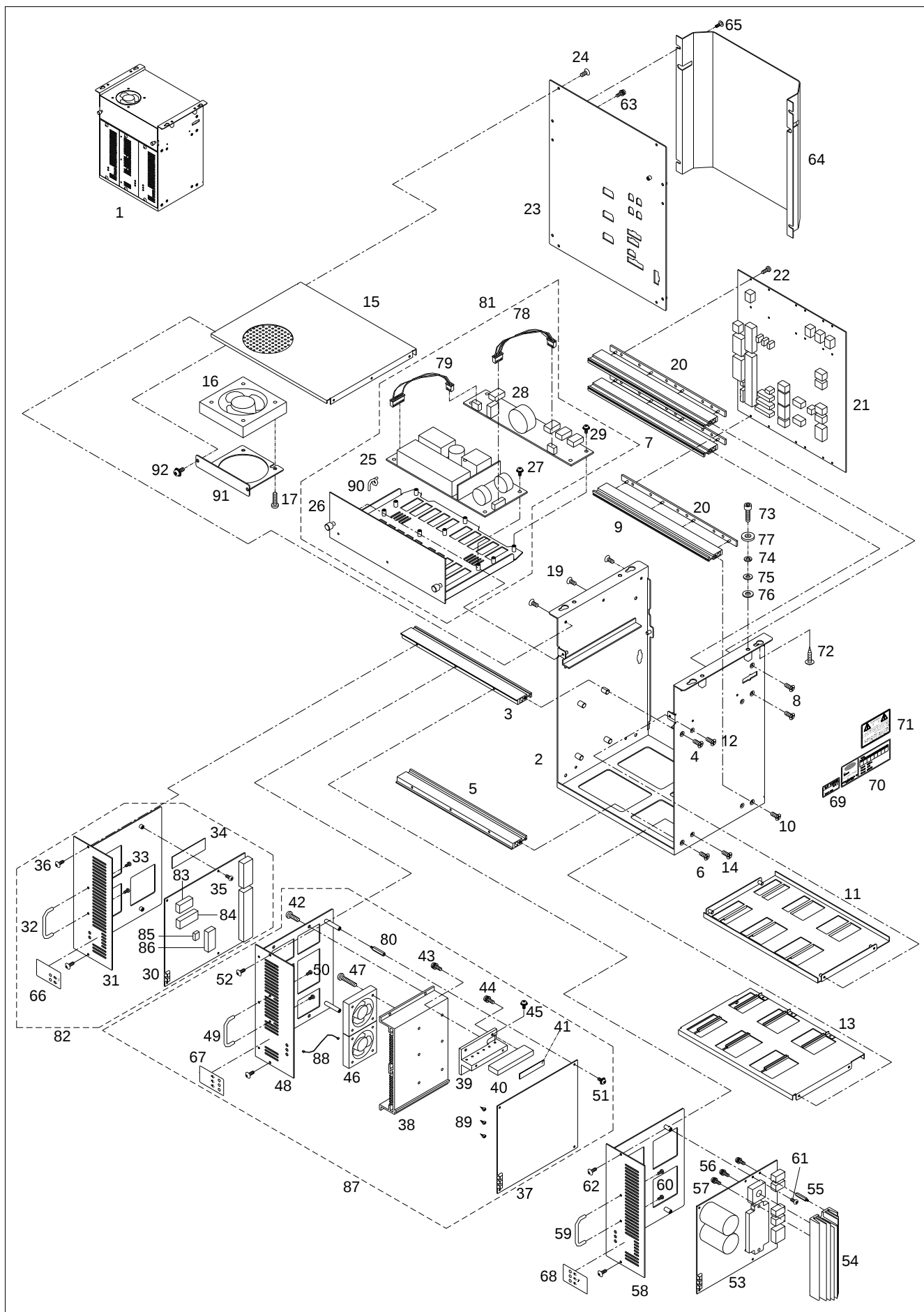


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
O-1	SSBH-0000012		Control Box Ass'y	콘트롤 박스(조)	1Set	
O-2	GP-013455-04		Box Body	박스바디	1	Feb.03.10
O-3	GP-008671-01		Front Profile Upper	전면부 프로파일-상	1	
O-4	10-016S-CPT1		Screw(M4×L12)	전면부 프로파일-상 고정나사(M4×L12)	2	
O-5	GP-008672-01		Front Profile Lower	전면부 프로파일-하	1	
O-6	10-016S-CPT1		Screw(M4×L12)	전면부 프로파일-하 고정나사(M4×L12)	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(M4×L12)	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(M4×L12)	2	
O-11	GP-008666-01		Upper Frame	가로지지대-상	1	
O-12	10-004M-SW68		Screw(M3×L5)	가로지지대-상 고정나사(M3×L5)	4	
O-13	GP-008663-01		Lower Frame	가로지지대-하	1	
O-14	10-004M-SW68		Screw(M3×L5)	가로지지대-하 고정나사(M3×L5)	4	
O-15	GP-014587-00		Upper Cover	상면커버	1	
O-16	EA-000114-00		Control Box Fan	콘트롤박스 Fan	1	
O-17	SC-000656-00		Screw(M4×L35)	콘트롤박스 Fan 고정나사(M4×L35)	4	
O-19	10-004M-SW68		Screw(M3×L5)	상면커버 고정나사(M3×L5)	6	
O-20	GP-008667-00		Insulation Plate	절연 플레이트	3	
O-21	BD-000316-00		Backplane Board	백플레인 보드	1	
O-22	10-020M-SW66		Screw(M3×L12)	백플레인 보드 고정나사 (Set)(M3×L12)	18	
O-23	GP-013458-01		Rear Cover	후면커버	1	
O-24	10-004M-SW68		Screw(M3×L5)	후면커버 고정나사(M3×L5)	6	
O-25	EP-000039-00		SMPS	SMPS	1	
O-26	GP-008701-05		SMPS Bracket	SMPS 브라켓	1	
O-27	10-002S-SW66		Screw(M3×L8)	SMPS 고정나사(Set)(M3×L8)	5	
O-28	BD-000315-05		DDC Board	DDC 보드	1	
O-29	10-002S-SW66		Screw(M3×L8)	DDC 보드 고정나사(Set)(M3×L8)	6	
O-30	BD-000313-21		Digital Board	디지털 보드	1	Aug.24.11
	BD-000313-20		Digital Board	디지털 보드	1	Nov.01.10
	BD-000313-19		Digital Board	디지털 보드	1	Jun.11.11
O-31	GP-008668-06		Digital Board Bracket	디지털 보드 브라켓	1	Feb.03.10
O-32	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
O-33	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사(M3×L10)	2	
O-34	GP-007198-00		SMD FET Radiator Sheet	디지털 보드 SMD FET 방열시트	1	
O-35	10-002S-SW66		Screw(M3×L8)	디지털 보드 고정나사(Set)(M3×L8)	4	
O-36	01-001S-NET1		Screw(M3×L6)	디지털 보드 브라켓 고정나사(M3×L6)	2	
O-37	BD-000314-12		Step Board	스텝보드	1	Nov.16.10
	BD-000314-11		Step Board	스텝보드	1	Nov.01.10
	BD-000314-10		Step Board	스텝보드	1	Sep.06.10
	BD-000314-09		Step Board	스텝보드	1	Apr.09.10
O-38	GP-013453-01		Step Board Radiator	스텝 보드 방열판	1	
O-39	GP-013452-01		Step Board Radiator Bracket	스텝 보드 방열 브라켓	3	
O-40	GP-013610-00		Step Board Radiator Sub Bracket	스텝보드 보조 방열 브라켓	3	
O-41	GP-013846-00		Radiator Sheet B	스텝보드 방열시트 (B)	3	
O-42	SC-001272-00		Screw(M4×L8)	스텝보드 방열판 고정나사(M4×L8)	2	
O-43	10-002S-SW66		Screw(M3×L8)	스텝보드 방열 브라켓 고정나사(Set)(M3×L8)	6	
O-44	10-002S-SW66		Screw(M3×L8)	스텝보드 보조 방열 브라켓 고정나사(Set)(M3×L8)	6	
O-45	10-002S-SW66		Screw(M3×L8)	FET 고정나사 (Set)(M3×L8)	36	
O-46	01-005A-BT01		Step Board Fan	스텝보드 Fan	2	
O-47	01-017C-DU33		Screw(M4×L25)	스텝보드 Fan 고정나사(M4×L25)	4	
O-48	GP-013456-02		Step Board Bracket	스텝 보드 브라켓	1	
O-49	GP-012617-00		Board Bracket Handle	보드 브라켓 손잡이	1	
O-50	10-073S-3701		Screw(M3×L10)	보드 브라켓 손잡이 고정나사(M3×L10)	2	
O-51	10-002S-SW66		Screw(M3×L8)	스텝 보드 고정나사 (Set)(M3×L8)	12	
O-52	01-001S-NET1		Screw(M3×L6)	스텝 보드 브라켓 고정나사(M3×L6)	2	
O-53	BD-000206-09		Main Board	주축보드	1	Nov.01.10

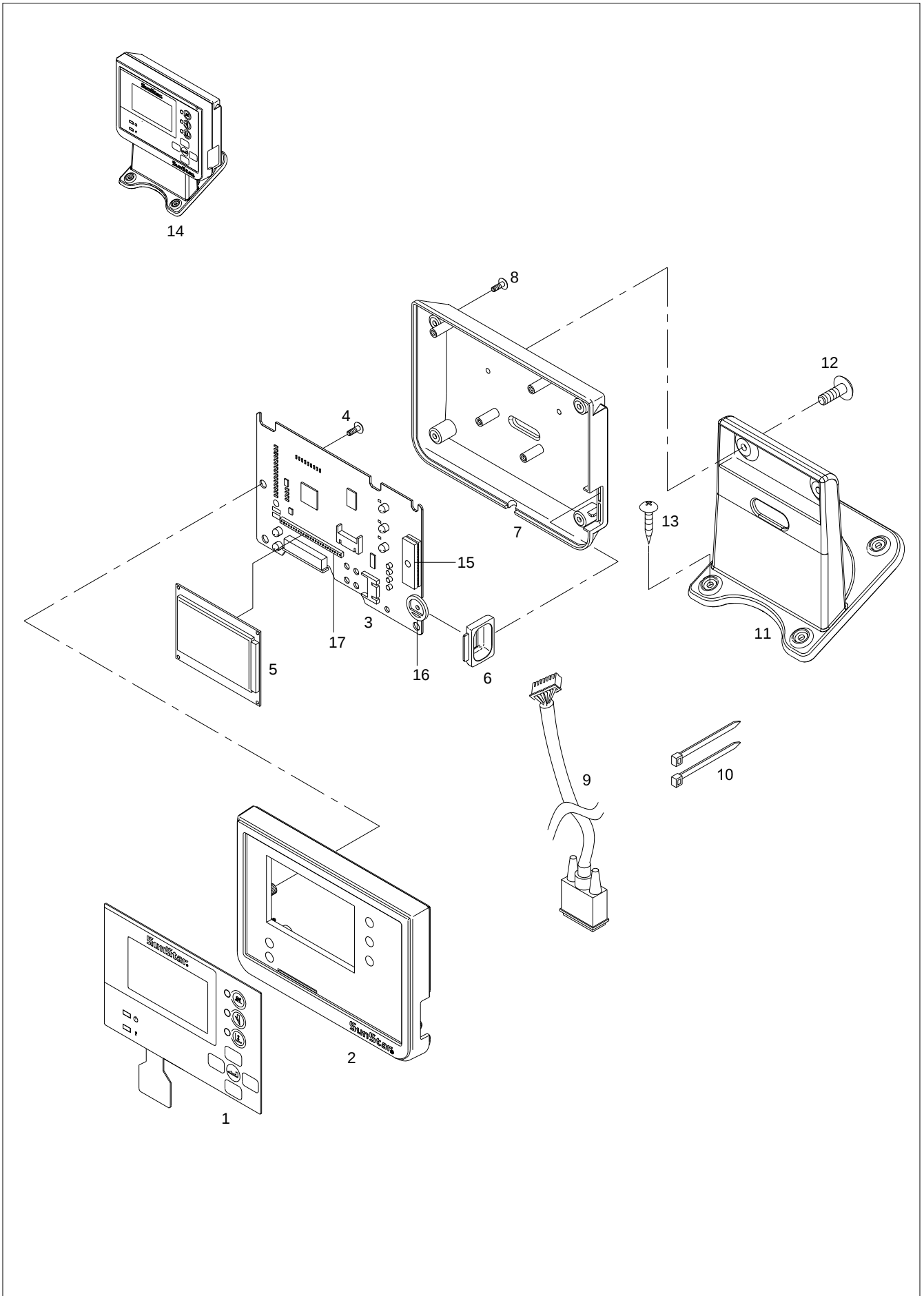


Control Box Mechanism

컨트롤 박스 관계



[illegible]



[illegible]

Index

Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.
006-0PT-1201	Screw Nail	47	M-5	10-106A-306G	Lower Thread Trimmer Base Plate Cover	31	H-54	CA-003414	Presser Bar Sensor Ass'y	19	D-61
006-0PT-1201	Support Bracket for Table Drawer	47	M-4	10-108A-300G	Lower Thread Trimmer Base Plate Ass'y	31	H-52	CA-003414	Y-Feed Sensor Ass'y	35	I-18
006-0PT-1201	Table Drawer	47	M-3	10-121A-300G	Upper Thread Trimmer Mes Ass'y	27	G-56	CA-003414	Zigzag Sensor Ass'y	21	E-26
01-001S-NET1	Screw(M3×L6)	53	O-36	15-026M-1000	Cable Tie	57	P-10	CA-000342	SMPS(In Put)	55	O-78
01-001S-NET1	Screw(M3×L6)	53	O-52	16-016A-SC53	IC AT24C04-10PU-2.7	55	O-85	CA-000343	SMPS(Out Put)	55	O-79
01-001S-NET1	Screw(M3×L6)	55	O-62	16-103A-SC53	IC GAL22U10D-25LPN	55	O-86	CAB-AA0007	Arm	7	A-1
01-003S-2070	Screw(M4×L16)	55	O-56	20-044A-300K	Feed Plate (K)	35	I-31	CAB-AB0006	Bed	7	A-2
01-005A-BT01	Step Board Fan	53	O-46	20-053A-300K	Presser Foot Ass'y - for Knit	35	I-44	CAC-BJ0006	Thread	49	N-18
01-017C-DU33	Screw(M4×L25)	53	O-47	20-055S-300G	Adjusting Screw for Timing Belt	35	I-50	CAC-JB0001	Oiler	49	N-5
01-045R-300G	Rubber Cap	9	A-74	20-058A-300G	Bead	37	I-60	CAC-MH0001	Accessory Bag	49	N-16
01-060M-300G	Warning Sign Sticker	9	A-72	20-525A-300K	Presser Foot (L)- for Knit	35	I-45	CBW-BA0004	Bobbin Winder Action Body	41	K-15
01-061M-300G	Threading Diagram	9	A-73	20-526R-300G	Presser Foot Cushion Rubber (G)	35	I-48	CBW-BH0002	Bobbin Stopper	41	K-21
01-100B-BH3U	BH3U SMPS Bracket (Set)	55	O-81	20-527R-300K	Presser Foot Cushion Rubber (K)ention	35	I-49	CBW-BJ0001	Thread Winder Action Plate	41	K-33
01-200B-BH3U	BH3U Digital Bracket (Set)	55	O-82	28-054A-300G	Cutter (3/8")	49	N-26	CBW-BJ0003	Bobbin Winder Adjusting Plate	41	K-22
01-300B-BH00	Step B/D Bracket (Set)	55	O-87	28-055A-300G	Cutter (5/8")	49	N-28	CBW-BJ0005	Thread Winder Action Plate	41	K-33
02-002A-BHUP	LCD	57	P-5	28-056A-300G	Cutter (1")	49	N-27	CBW-BN0002	Bobbin Stand	41	K-20
02-004B-BD01	IC 27C512	57	P-15	28-057A-300G	Cutter (1½")	49	N-29	CBW-CM0002	Bobbin Winder Lever	41	K-25
03-001A-ZIZA	IC AT28C256-15PU EEP ROM	55	O-83	28-150A-300G	Cutter Ass'y (3/8,5/8,1,1-1/4)	51	N-69	CBW-CP0001	Thread Winder Action pulley	41	K-16
03-002A-BH30	IC AM27C010(M27C1001)	55	O-84	40-001W-1600	Washer	41	K-46	CBW-DZ0001	Thread Winder Adjusting Cam	41	K-30
04-001C-SE50	Screw(ST5xL16)	55	O-72	40-006A-300G	Thread Release Solenoid Ass'y	23	F-1	CBW-FA0001	Thread Winder Action Ring	41	K-18
04-003B-PT10	Card Volume	57	P-16	40-026P-300G	Thread Release Pin	23	F-37	CBW-FA0002	Bobbin Winder Shaft Rubber Ring	41	K-19
04-026A-300G	Gauge for Needle Bar Setting (G)	49	N-22	40-043P-300G	Pin	25	F-76	CBW-KC0001	Bobbin Winder Lever Shaft	41	K-27
04-027A-300K	Gauge for Needle Bar Setting (K)	49	N-23	40-108A-1306	Thread Tension Disk	41	K-42	CBW-KZ0003	Thread Winder Driving Shaft	41	K-14
06-002B-BH30	Header 20P	57	P-17	41S034S-306H	Thread Tension Cap Nut	41	K-38	CCT-BB0007	Cutter Link Bracket	39	J-33
06-026A-BH30	Cutter Solenoid Ass'y	39	J-39	44-067A-300G	Oil Stopper Plate	45	L-71	CCT-BB0008	Cutter Solenoid Bracket	39	J-36
07-004S-SM5S	Screw(M4×L10)	55	O-63	44-067A-300G	Oil Stopper Plate	49	N-59	CCT-BB0009	Cutter Adjusting Plate	39	J-20
07-024S-300G	Oil Adjusting Screw (9/32", n=28)	15	C-24	46-007A-300G	Cable	37	I-58	CCT-BB0010	Cutter Mounting Plate	39	J-18
07-025S-300G	Oil Adjusting Rubber Nut	15	C-27	55-019S-5050	Screw (15/64", n=28)	39	J-11	CCT-BB0011	Cutter Sensor Bracket	39	J-45
07-026S-300G	Oil Adjusting Stud Screw (9/64", n=40)	15	C-26	91-001C-120H	Head Cover	49	N-17	CCT-BF0003	Cutter Shaft Holder	39	J-4
07-027S-300G	Oil Adjusting Screw Nut (9/32", n=28)	15	C-25	91-001C-BT10	Urethane Washer	55	O-76	CCT-BF0004	Cutter Holder	39	J-22
07-028C-300G	Hook Bushing Felt Presser Plate	15	C-28	91-001C-PT10	Table Washer	55	O-77	CCT-BK0001	Cutter Shaft Slide Block	39	J-9
08S008S-306H	Screw	13	B-76	91-001M-1200	Caution Sticker	9	A-80	CCT-BK0002	Cutter Shaft Guide	39	J-10
09-012S-CE53	Caution Sticker	55	O-71	91-008C-1230	Oil	49	N-20	CCT-CA0003	Cutter Driving Link	39	J-8
10-001M-PT01	Screw(M6×L45)	55	O-73	91-020A-300G	Pin Set	49	N-19	CCT-CM0002	Cutter Driving Arm	39	J-26
10-002S-SW66	Screw(M3×L8)	53	O-27	ABW-PS0002	Thread Winder Base Ass'y	41	K-13	CCT-KC0006	Cutter Driving Arm Shaft	39	J-1
10-002S-SW66	Screw(M3×L8)	53	O-29	ABW-PS0004	Thread Winder Ass'y	41	K-12	CCT-KF0002	Cutter Shaft	39	J-3
10-002S-SW66	Screw(M3×L8)	53	O-35	ACT-SM0001	Cutter Holder Ass'y	39	J-51	CCT-KF0003	Cutter Driving Link Shaft	39	J-6
10-002S-SW66	Screw(M3×L8)	53	O-43	AGA-PS0011	Presser Foot Ass'y	35	I-39	CGA-GA0005	Needle plate (G)	31	H-56
10-002S-SW66	Screw(M3×L8)	53	O-44	AMB-PS0003	Thread Tension Control Ass'y	41	K-37	CGA-GA0006	Needle Plate (K)	31	H-57
10-002S-SW66	Screw(M3×L8)	53	O-45	AMB-PS0010	Safety Plate Ass'y	49	N-33	CGA-GC0008	Presser Foot (L)	35	I-42
10-002S-SW66	Screw(M3×L8)	53	O-51	AMB-PS0010	Safety Plate Ass'y	7	A-41	CGA-GC0008	Presser Foot (U)	35	I-41
10-002S-SW66	Screw(M3×L8)	55	O-61	AS-005176	Lower Thread Trimmer Mes Ass'y	33	H-75	CGA-GF0002	Cutter (1/2")	39	J-49
10-003M-PT01	Screw(M4×L8)	55	O-65	AS-005329	Thread Take-up Lever Ass'y	13	B-69	CGA-GJ0011	Feed Plate (G)	35	I-30
10-003M-PT10	Screw(M4×L10)	55	O-57	ATA-PS0004	Thread Tension Adjusting Ass'y	23	F-27	CHK-HA0008	Hook Ass'y	15	C-29
10-003S-SW66	Spring Washer(M6)	55	O-74	ATA-PS0005	Sub Thread Tension Adjusting Ass'y	23	F-18	CHK-HB0005	Bobbin	15	C-30
10-004M-SW68	Screw(M3×L5)	53	O-12	ATA-PS0006	Sub Thread Tension Adjusting Ass'y(L)	23	F-46	CHK-HB0005	Bobbin	49	N-7
10-004M-SW68	Screw(M3×L5)	53	O-14	AZG-PS0002	Needle Bar Frame Ass'y	11	B-45	CHK-HC0008	Bobbin Case Ass'y	15	C-31
10-004M-SW68	Screw(M3×L5)	53	O-19	AZG-PS0003	Needle Bar Frame Guide (Set)	11	B-52	CHK-HH0005	Hook Holder	15	C-21
10-004M-SW68	Screw(M3×L5)	53	O-24	AZG-PS0004	Needle Bar Oscillator Shaft Ass'y	21	E-18	CHP-CL0001	Hand Pulley Roller	41	K-6
10-004S-SW66	Washer(M6)	55	O-75	BD-000206	Main Board	55	O-53	CHP-CP0001	Hand Pulley	41	K-3
10-012M-PT10	Main Board Stud	55	O-55	BD-000313	Digital Board	53	O-30	CHP-KZ0001	Hand Pulley Shaft	41	K-4
10-016S-CPT1	Screw(M4×L12)	53	O-4	BD-000314	Step Board	53	O-37	CLB-BA0001	Oil Filter Base	43	L-6
10-016S-CPT1	Screw(M4×L12)	53	O-6	BD-000315	DDC Board	53	O-28	CLB-BB0004	Oil Filter Base Bracket	43	L-3
10-016S-CPT1	Screw(M4×L12)	53	O-8	BD-000316	Backplane Board	53	O-21	CLB-BG0013	Code Holder	21	E-27
10-016S-CPT1	Screw(M4×L12)	53	O-10	BD-000317	O/P Board	57	P-3	CLB-BG0013	Code Holder A	9	A-68
10-017W-1600	Washer	27	G-47	CA-000706	Step B/D Fan Connect Cable	55	O-88	CLB-BG0025	Oil Felt Holder for Needle Bar Crank	45	L-59
10-017W-1600	Washer	27	G-49	CA-000708	Operation Cable	57	P-9	CLB-BG0026	Oil Return Felt	43	L-46
10-020M-SW66	Screw(M3×L12)	53	O-22	CA-000711	Cable	9	A-76	CLB-BG0027	Oil Rejecter	43	L-50
10-024M-SW66	Screw(ST3×L8)	57	P-4	CA-000712	Cable	9	A-77	CLB-BH0004	Holder	45	L-83
10-073S-3701	Screw(M3×L10)	53	O-33	CA-000822	Thread Detecting Plate	25	F-58	CLB-BH0005	Holder for Oil Hose B	43	L-10
10-073S-3701	Screw(M3×L10)	53	O-50	CA-002910	Jumper Cap (Blue)	55	O-89	CLB-BH0005	Holder for Oil Hose E	43	L-15
10-073S-3701	Screw(M3×L10)	55	O-60	CA-003414	Cutter Sensor Ass'y	39	J-44	CLB-BH0006	Holder for Oil Hose C	43	L-12

Index

Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.
CLB-BH0007	Holder for Oil Hose D	43	L-14	CLT-CA0004	Hook Cover Link (B)	33	H-68	CPM-CL0006	Lifter Lever Roller(B)	17	D-24
CLB-BH0008	Holder for Oil Hose A	43	L-8	CLT-CC0001	Lower Thread Trimmer Rod	31	H-12	CPM-CM0010	Lifter Lever	17	D-20
CLB-BH0009	Holder for Oil Hose F	43	L-17	CLT-CL0001	Lower Thread Trimmer Driving Lever Roller	31	H-2	CPM-DF0002	Upper Thread Trimmer Driving Link	17	D-30
CLB-BJ0005	Felt Base Plate	43	L-25	CLT-CL0002	Mes Driving Lever Roller	31	H-23	CPM-KC0004	Guide Shaft	17	D-10
CLB-BJ0006	Oil Terminal Base	43	L-22	CLT-CL0003	Opening Plate Roller	31	H-44	CST-BB0011	Bed Hinge Bracket	7	A-34
CLB-CN0001	Oil Pump Piston	15	C-9	CLT-CM0003	Lower Thread Trimmer Driving Lever	31	H-1	CST-BB0011	Bed Hinge Bracket	49	N-48
CLB-FA0002	Oil Window Packing	43	L-30	CLT-CM0004	Mes Driving Lever	31	H-21	CST-BB0012	Bed Hinge Plate	7	A-31
CLB-JB0002	Felt Base	43	L-24	CLT-CM0005	Lever For Lower Thread Retainer	31	H-26	CST-CR0002	Body Support	49	N-21
CLB-JC0003	Low Shaft (M)	15	C-7	CLT-DF0001	Lower Thread Trimmer Cam	31	H-9	CST-FB0002	O-Ring	45	L-69
CLB-JD0001	Oil Wick for Zigzag Connecting Rod B	43	L-53	CLT-FZ0001	Rubber for Lower Thread Trimmer Connecting Rod	33	H-74	CST-FB0002	O-Ring	49	N-56
CLB-JD0001	Oil Wick for Needle Bar Frame	43	L-35	CLT-NA0002	Moving Mes for Lower Thread Trimmer	31	H-32	CST-FD0007	Rubber	9	A-71
CLB-JD0001	Oil Wick for Oscillator Shaft Bushing(R)	43	L-40	CLT-NB0002	Fixed Mes for Lower Thread Trimmer Ass'y	31	H-30	CST-FD0007	Rubber for Bed Hinge Bracket Support	49	N-49
CLB-JD0001	Oil Wick for Upper Shaft Bushing(F)	43	L-34	CMB-BB0022	Safety Plate Bracker	49	N-41	CST-FD0014	Bed Support Rubber	7	A-54
CLB-JD0001	Oil Wick for Upper Shaft Bushing(R)	43	L-38	CMB-BB0022	Safety Plate Bracket	7	A-49	CST-FD0015	Oil Pan Rubber Support A	45	L-72
CLB-JD0001	Oil Wick for Zigzag Connecting Rod B	43	L-54	CMB-BG0001	Safety Plate Holder	7	A-50	CST-FD0015	Oil Pan Rubber Support A	51	N-72
CLB-JD0001	Oil Wick Thread Take-up Lever	43	L-36	CMB-BG0001	Safety Plate Holder	49	N-42	CST-FD0016	Oil Pan Rubber Support B	45	L-73
CLB-JD0001	Wick for Oil Terminal	43	L-33	CMB-BJ0009	Safety Plate	7	A-42	CST-FD0016	Oil Pan Rubber Support B	51	N-73
CLB-JF0001	Low Shaft (F) Nipple B	15	C-16	CMB-BJ0009	Safety Plate	49	N-34	CST-FF0003	Hinge Rubber	7	A-40
CLB-JF0007	Oil Pipe	43	L-32	CMB-BJ0025	Upper Thread Guide Plate	25	F-61	CST-JA0010	Oil Pan	45	L-65
CLB-JF0008	Low Shaft (F) Nipple A	15	C-15	CMB-FC0014	Face Plate Gasket	7	A-4	CST-JA0010	Oil Pan	51	N-71
CLB-JG0001	Return Hose for Oil Terminal	43	L-21	CMB-FC0015	Rear Cover Gasket	7	A-7	CST-LG0015	Table	47	M-1
CLB-JG0002	Oil Wick for Lower Shaft Bushing(F)	43	L-19	CMB-FC0016	Top Cover Gasket	7	A-11	CST-LH0003	Table Stand Ass'y	47	M-2
CLB-JG0005	Hose	45	L-61	CMB-HK0001	Thread Guide (L)	23	F-42	CST-MF0001	Thread Stand Ass'y	47	M-6
CLB-JG0005	Hose	45	L-62	CMB-HK0006	Thread Guide (R)	23	F-40	CST-MF0001	Thread Stand Ass'y	49	N-32
CLB-JG0005	Hose	45	L-63	CMB-HK0010	Thread Guide Plate	41	K-44	CST-MG0001	Oil Pan Gasket	45	L-66
CLB-JG0005	Hose	45	L-64	CMB-HK0015	Thread Guide with Three Hole	23	F-16	CST-MG0001	Oil Pan Gasket	51	N-74
CLB-JG0005	Oil Hose	45	L-79	CMB-HK0031	Arm Thread Guide	23	F-39	CTA-BA0001	Thread Tension Adjusting Body	23	F-28
CLB-JG0005	Oil Hose for Oil Terminal	43	L-20	CMB-HK0032	Thread Guide with Two Hole	23	F-14	CTA-BD0001	Cover for Sub Thread Tension Adjusting Spring	23	F-50
CLB-JG0005	Oil Hose for Oscillator Shaft Bushing(R)	43	L-39	CMB-HK0049	Thread Guide (L)	23	F-44	CTA-BD0002	Spring Cover	41	K-41
CLB-JG0005	Oil Hose for Upper Shaft Bushing(R)	43	L-37	CMB-HM0001	Thread Tension Adjusting Shaft	41	K-43	CTA-BD0003	Spring Cover	23	F-22
CLB-JG0005	Oil Hose for Zigzag Connecting Rod A	43	L-55	CMB-LA0008	Thread Take Up Lever Cover	7	A-13	CTA-BJ0001	Stopper for Sub Thread Tension Adjusting Spring	23	F-53
CLB-JG0005	Oil Hose for Zigzag Connecting Rod B	43	L-56	CMB-LA0026	Motor Cover	7	A-15	CTA-BJ0001	Thread Tension Spring Stopper	41	K-39
CLB-JH0002	Oil Terminal	43	L-28	CMB-LA0027	Top Cover	7	A-10	CTA-BJ0002	Sub Guide Disk Presser Plate	23	F-21
CLB-JH0003	Oil Terminal	45	L-74	CMB-LA0028	Hook Cover	7	A-22	CTA-BJ0002	Thread Guide Disk Presser Plate	23	F-33
CLB-JJ0005	Oil Cap	43	L-31	CMB-LA0030	Rear Cover	7	A-6	CTA-BJ0002	Thread Guide Disk Presser Plate	23	F-49
CLB-JK0001	Oil Filter	43	L-5	CMB-LA0031	Face Plate	7	A-3	CTA-BJ0004	Thread Detecting Plate Guide	23	F-55
CLB-JL0008	Oil Felt for Oscillator Shaft Bushing(F, R)	43	L-44	CMB-LA0069	Pause Switch Cover	7	A-20	CTA-BN0001	Thread Detecting Plate Ring	23	F-56
CLB-JL0008	Oil Felt for Upper Shaft Bushing(F, R)	43	L-43	CMB-LA0070	Upper Thread Trimmer Arm Cover	7	A-18	CTA-BN0002	Stopper for Thread Tension Adjusting Spring	23	F-35
CLB-JL0029	Felt	43	L-52	CMB-LD0002	Caution Sticker	9	A-58	CTA-BN0002	Stopper for Thread Tension Adjusting Spmg	23	F-24
CLB-JL0032	Hook Joint Lubrication Felt	15	C-19	CMB-NB0001	Thread Winder Mes	41	K-35	CTA-HL0001	Thread Guide Disk	23	F-20
CLB-JL0032	Low Shaft Bearing(F) Lubrication Felt	15	C-23	CNB-BF0007	Needle Bar Holder	11	B-42	CTA-HL0001	Thread Guide Disk	23	F-32
CLB-JL0033	Felt A	43	L-27	CNB-BK0002	Needle Bar Crank Rod Guide	13	B-79	CTA-HL0001	Thread Guide Disk	23	F-48
CLB-JL0034	Oil Felt for Needle Bar Crank	45	L-58	CNB-CD0003	Needle Bar Holder Slide Block	11	B-43	CTA-HM0001	Thread Tension Adjusting Shaft	23	F-29
CLB-JL0035	Falt	43	L-45	CNB-HK0009	Needle Bar Thread Guide	11	B-57	CTA-HM0008	Sub Thread Tension Adjusting Shaft	23	F-19
CLB-JP0001	Low Shaft (M) Nipple	15	C-13	CNB-KA0007	Needle Bar	11	B-56	CTA-HM0010	Sub Thread Tension Adjusting Shaft (L)	23	F-47
CLB-JP0001	Oil Hose Nipple	45	L-77	CPB-BB0003	Presser Rollar Bracket	17	D-45	CTH-CB0006	Thread Take-up Lever Crank	13	B-72
CLB-JP0007	Oil Hose Nipple(L)	45	L-75	CPB-BF0005	Presser Bar Holder	17	D-36	CTH-CC0005	Needle Bar Crank Rod	13	B-75
CLS-BF0001	Hook Joint	15	C-18	CPB-BH0002	Finger Guard	35	I-47	CTH-CJ0007	Needle Bar Crank	13	B-71
CLS-BJ0002	Low Shaft Collar Cover	15	C-32	CPB-BK0001	Presser Bar Guide	17	D-52	CTH-HJ0010	Thread Take-up Lever	13	B-70
CLS-HA0001	Hook Joint	15	C-18	CPB-CL0002	Presser Bar Rollar	17	D-49	CTR-BB0005	Thread Release Solenoid Bracket	23	F-4
CLS-KC0011	Low Shaft	15	C-1	CPB-CL0003	Presser Bracket Rollar	17	D-46	CTR-BJ0012	Link Guide Plate	23	F-6
CLS-KF0003	Idler Timming Pulley Shaft	11	B-34	CPB-KB0001	Presser Bar	17	D-40	CTR-CA0007	Thread Release Solenoid Link	23	F-8
CLT-BB0004	Bobbin Catcher Bracket	33	H-61	CPB-KC0001	Pressure Adjusting Bar	19	D-63	CTR-CC0006	Thread Release Connecting Rod	23	F-12
CLT-BG0002	Lower Thread Retainer	31	H-28	CPB-KF0003	Presser Bar Rollar Shaft	17	D-50	CTR-CM0002	Upper Thread Adjusting Lever (A)	25	F-68
CLT-BJ0010	Opening Plate A	31	H-43	CPM-BB0004	Presser Bar Sensor Support	17	D-54	CTR-CM0003	Upper Thread Adjusting Lever (B)	25	F-70
CLT-BJ0011	Opening Plate B	31	H-47	CPM-BJ0007	Presser Bar Sensor Plate	17	D-56	CTR-CM0004	Tension Release Driving Plate	25	F-67
CLT-BJ0013	Lower Thread Trimmer Base Plate	31	H-53	CPM-BJ0008	Bearing Holder	17	D-8	CTR-CM0005	Tension Release Driving Lever	25	F-62
CLT-BJ0014	Lower Thread Clamp Plate Ass'y	31	H-36	CPM-BK0001	Guide Bracket	17	D-6	CTR-FB0001	Rubber Washer	25	F-74
CLT-BJ0015	Lower Thread Presser Plate	31	H-40	CPM-CA0006	Presser Bar Lifter Link	17	D-38	CTR-FB0002	Thread Release Solenoid Rubber	23	F-11
CLT-CA0001	Lower Thread Trimmer Link (A)	31	H-16	CPM-CC0002	Presser Bar Lift Connecting Rod	17	D-15	CTR-KC0001	Shaft for Upper Thread Adjusting Lever	25	F-65
CLT-CA0002	Lower Thread Trimmer Link (B)	31	H-19	CPM-CL0004	Roller for Presser Bar Lift Connecting Rod	17	D-17	CUS-BB0002	Idler Base Ass'y	11	B-23
CLT-CA0003	Hook Cover Link (A)	33	H-67	CPM-CL0005	Lifter Lever Roller(A)	17	D-22	CUS-CF0002	Bobbin Winder Driving Wheel	11	B-40

Index

Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.
CUS-CG0002	Idler	11	B-26	DBS-DB0015	Upper Shaft Bushing (F)	11	B-9	DSC-BA0009	Screw (9/64", n=40)	17	D-57
CUS-DA0008	Link Cam	11	B-2	DBS-DB0016	Needle Bar Oscillator Shaft Bushing (F)	21	E-22	DSC-BA0009	Screw (9/64", n=40)	27	G-14
CUS-KC0001	Upper Shaft	11	B-1	DBS-DB0017	Needle Bar Oscillator Shaft Bushing (R)	21	E-23	DSC-BA0009	Screw (9/64", n=40)	43	L-2
CUT-BJ0002	Upper Thread Trimmer Lever Stopper	27	G-8	DCL-AA0001	Collar for Cutter Driving Arm Shaft	39	J-24	DSC-BA0009	Screw (9/64", n=40)	43	L-7
CUT-BJ0003	Upper Thread Trimmer Lever Return Plate	27	G-9	DCL-AA0010	Upper Shaft Collar	11	B-11	DSC-BA0009	Screw (9/64", n=40)	43	L-23
CUT-BJ0004	Upper Thread Trimmer Setting Plate	27	G-16	DCL-AA0030	Upper Thread Trimmer Hinge Shaft Collar	27	G-2	DSC-BA0009	Screw (9/64", n=40)	43	L-42
CUT-BJ0005	Upper Thread Tension Plate	27	G-23	DCL-AA0032	Low Shaft Collar	15	C-5	DSC-BA0009	Screw (9/64", n=40)	45	L-60
CUT-BJ0007	Upper Thread Trimmer Lever Support Plate	27	G-45	DCL-BA0007	Upper Thread Trimmer Lever Collar	27	G-10	DSC-BA0009	Screw A (9/64", n=40)	43	L-9
CUT-BJ0008	Spring Holder Plate	27	G-13	DCL-BB0006	Idler Timming Pulley Shaft Collar	11	B-35	DSC-BA0009	Screw B (9/64", n=40)	43	L-11
CUT-BJ0009	Upper Thread Trimmer Driving Arm Stopper	27	G-52	DCR-AD0001	Upper Shaft Coupling	11	B-17	DSC-BA0009	Screw C (9/64", n=40)	43	L-13
CUT-CB0001	Upper Thread Trimmer Driving Lever	27	G-33	DGR-AA0020	Presser Drive Gear	17	D-4	DSC-BA0009	Screw F (9/64", n=40)	43	L-18
CUT-CL0001	Roller for Long Longitudinal Feed Arm	27	G-39	DGR-AC0001	Hand Pulley Driven Gear	41	K-1	DSC-BA0009	Zigzag Connecting Rod Felt Holder	43	L-51
CUT-CL0002	Lower Thread Trimmer Cam Roller	31	H-10	DGR-AC0008	Hand Pulley Driving Gear	13	B-82	DSC-BA0010	Screw (11/64", n=40)	11	B-44
CUT-CL0002	Upper Thread Trimmer Driving Lever Roller	27	G-34	DGR-AF0006	Rack Gear	17	D-1	DSC-BA0011	Screw B (11/64", n=40)	13	B-81
CUT-CL0002	Upper Thread Trimmer Driving Lever Roller	29	G-59	DPK-BA0004	O-Ring	25	F-66	DSC-BA0015	Screw A (11/64", n=40)	13	B-80
CUT-CL0003	Roller for Upper Thread Trimmer Driving Arm	27	G-51	DPK-CA0004	Rubber Cap	9	A-81	DSC-BA0016	Screw	21	E-30
CUT-CM0002	Upper Thread Trimmer Lever	27	G-7	DPK-CA0006	Rubber Cap	9	A-67	DSC-BA0017	Screw (9/64", n=40)	21	E-25
CUT-CM0003	Longitudinal Feed Arm for Upper Thread Trim	27	G-38	DPK-CA0007	Upper Shaft Rubber Cap	11	B-39	DSC-BA0018	Screw (9/64", n=40)	33	H-64
CUT-CM0004	Upper Thread Trimmer Driving Arm	27	G-44	DPK-CA0012	Upper Thread Stopper Rubber	27	G-25	DSC-BA0018	Screw (9/64", n=40)	45	L-78
CUT-DF0001	Upper Thread Trimmer Opening Cam(A)	27	G-29	DPK-CA0013	Screw (9/64", n=40)	43	L-48	DSC-BB0019	Screw (9/64", n=40)	31	H-58
CUT-DF0002	Upper Thread Trimmer Opening Cam(B)	27	G-30	DPK-CA0014	Cap for Low Shaft Bushing(M)	15	C-12	DSC-BB0029	Screw (9/64", n=40)	17	D-55
CUT-KC0002	Roller Shaft For Longitudinal Feed Arm	27	G-40	DPK-CB0001	Upper Thread Trimmer Hinge Shaft Rubber Cap	27	G-4	DSC-BC0002	Screw (9/64", n=40)	41	K-36
CUT-KF0001	Upper Thread Trimmer Hinge Shaft	27	G-1	DPK-CB0002	Face Plate Rubber Cap	9	A-63	DSC-BF0001	Screw (1/8", n=44)	11	B-58
CUT-NA0001	Upper Thread Trimmer Moving Mes	27	G-22	DPK-CB0002	Rubber Cap	9	A-66	DSC-BF0002	Screw	41	K-11
CUT-NB0001	Upper Thread Trimmer Fixing Mes	27	G-21	DPK-CB0008	Rubber Cap	9	A-65	DSC-BF0012	Screw (11/64", n=40)	7	A-17
CYF-BB0014	Y-Holder Bracket	35	I-52	DPK-CB0011	Rubber Cap	9	A-64	DSC-BF0012	Screw (9/32", n=40)	49	N-61
CYF-BB0018	Y-Feed Arm Support	35	I-12	DPK-CB0012	Cutter Driving Arm Shaft Rubber Cap	9	A-62	DSC-BF0012	Screw(11/64"n=40)	37	I-62
CYF-BB0019	Y-Feed Arm	35	I-24	DPK-CZ0005	Oil Cap Support	43	L-49	DSC-BF0017	Screw (11/64", n=40)	41	K-34
CYF-BJ0028	Bearing Support Plate	35	I-16	DPL-BD0006	Upper Shaft Timming Pulley	11	B-19	DSC-BF0018	Screw (1/8", n=40)	41	K-23
CYF-BJ0033	Feed Plate Guide	35	I-34	DPL-BD0007	Idler Timming Pulley	11	B-33	DSC-BF0022	Screw (11/64"n=40)	23	F-17
CYF-BJ0034	Y-Feed Arm Supporter Cover	35	I-37	DPL-BD0016	Low Shaft Pulley	15	C-2	DSC-BF0022	Screw (11/64"n=40)	25	F-71
CYF-BJ0035	Feed Arm Support	35	I-36	DPL-BD0017	Y-Driving Pulley	35	I-3	DSC-BF0026	Screw (3/16", n=28)	39	J-37
CYF-BJ0036	Return Cam	35	I-26	DPL-BD0017	Y-Feed Driven Pulley	35	I-5	DSC-BF0031	Bolt (M4×P0.7)	27	G-31
CYF-BJ0037	Return Cam Support Plate	35	I-25	DPN-AA0012	Bed Hinge Shaft	7	A-30	DSC-BF0031	Screw (11/64", n=40)	7	A-5
CYF-BJ0038	Feed Sensor Support	35	I-19	DPN-AA0037	Zigzag Connecting Rod Shaft	21	E-13	DSC-BF0031	Screw (11/64", n=40)	7	A-8
CYF-BJ0039	Y-Feed Timming Belt Holder Plate	35	I-10	DPN-AA0043	Lifter Lever Shaft	17	D-31	DSC-BF0031	Screw (11/64", n=40)	7	A-12
CYF-BJ0040	Sensor Bracket Washer	37	I-61	DPN-AA0044	Thread Guide Pin	25	F-73	DSC-BF0031	Screw (11/64", n=40)	7	A-19
CYF-KC0014	Y-Feed Driven Pulley Shaft	35	I-8	DPN-AA0045	Lower Thread Trimmer Driving Lever Shaft	31	H-5	DSC-BF0031	Screw (11/64", n=40)	7	A-21
CYF-KC0015	Y-Feed Shaft	35	I-13	DPN-AA0047	Pin for Cutter Driving Arm	39	J-27	DSC-BF0031	Screw (3/16", n=32)	21	E-3
CYF-KC0016	Y-Feed Guide Shaft	35	I-54	DPN-AA0049	Thread Release Pin	23	F-26	DSC-BF0038	Screw (9/64", n=40)	17	D-47
CZG-BA0002	Motor Base	21	E-1	DPN-AA0053	Y-Feed Arm Support Shaft	35	I-22	DSC-BF0038	Screw (9/64", n=40)	27	G-11
CZG-BC0002	Needle Bar Frame	11	B-46	DPN-AA0067	Bed Hinge Shaft	49	N-54	DSC-BF0046	Oil Pump Piston Cap Screw(1/4", n=40)	15	C-11
CZG-BJ0003	Needle Bar Guide	11	B-60	DPN-AB0002	Taper Pin	21	E-21	DSC-BF0061	Screw for Oil Cap	45	L-68
CZG-BJ0004	Needle Bar Frame Guide	11	B-53	DPN-AD0038	Needle Bar Frame Shaft	11	B-50	DSC-BF0061	Screw for Oil Cup	49	N-57
CZG-BJ0005	Zigzag Sensor Bracket	21	E-24	DPN-AD0039	Motor Lever Shaft	21	E-9	DSC-BF0075	Screw (11/64", n=40)	15	C-22
CZG-BK0002	Needle Bar Frame	13	B-62	DPN-AD0043	Lifter Lever Shaft A	17	D-28	DSC-BF0075	Screw (11/64", n=40)	27	G-26
CZG-CC0002	Zigzag Connecting Rod	21	E-12	DPN-AD0043	Lower Thread Trimmer Cam Shaft	31	H-13	DSC-BF0075	Screw (11/64", n=40)	35	I-20
CZG-CD0001	Needle Bar ZigZag Guide Block	11	B-49	DPN-AD0044	Presser Driving Arm Support Shaft	17	D-12	DSC-BF0080	Screw (3/32", n=56)	31	H-51
CZG-CM0002	Motor Lever	21	E-7	DPN-AD0046	Cutter Link Shaft	39	J-30	DSC-BF0081	Screw A (3/32", n=56)	31	H-41
CZG-CM0003	Needle Bar Zigzag Lever (R)	21	E-15	DPN-AD0053	Hook Cover Shaft	7	A-23	DSC-BF0083	Screw (11/64", n=40)	39	J-48
CZG-CM0004	Needle Bar Zigzag Lever (F)	21	E-20	DPN-BA0001	Extension Spring Holder Pin for Lower Thread Trimmer	33	H-71	DSC-BF0085	Screw (3/16", n=32)	45	L-80
CZG-KD0002	Needle Bar Oscillator Shaft	21	E-19	DPN-BC0009	Thread Take-up Lever Crank Shaft	13	B-77	DSC-BF0089	Screw (3/32", n=56)	35	I-43
CZG-KF0001	Guide Shaft	11	B-54	DSC-AA0007	Screw (1/4", n=28)	11	B-27	DSC-BG0001	Screw (9/64", n=40)	23	F-57
DBS-DA0004	Hand Pulley Bushing	41	K-8	DSC-AC0005	Screw (M3×P0.5)	23	F-3	DSC-BG0001	Screw (9/64", n=40)	35	I-35
DBS-DA0062	Needle Bar Frame Bushing	11	B-47	DSC-AC0014	Fixing Bolt for Holder Plate	35	I-11	DSC-BJ0001	Screw (9/32", n=28)	11	B-4
DBS-DA0070	Upper Shaft Bushing (M)	11	B-10	DSC-AC0014	Screw (11/64"n=40)	35	I-55	DSC-BJ0002	Screw	21	E-28
DBS-DA0072	Bushing	13	B-68	DSC-BA0001	Screw (9/64", n=40)	23	F-41	DSC-BJ0002	Screw	45	L-82
DBS-DA0077	Cushion Support for Adjusting Screw	39	J-15	DSC-BA0001	Screw (9/64", n=40)	23	F-43	DSC-BJ0002	Screw (11/64", n=40)	49	N-35
DBS-DA0078	Cutter Shaft Bushing	39	J-12	DSC-BA0001	Screw (9/64", n=40)	23	F-45	DSC-BJ0002	Screw (11/64", n=40)	49	N-45
DBS-DA0079	Presser Bar Bushing	17	D-44	DSC-BA0009	Felt Support	43	L-47	DSC-BJ0002	Screw (11/64", n=40)	7	A-9
DBS-DA0080	Low Shaft Bearing Holder	15	C-35	DSC-BA0009	Screw (9/14", n=40)	15	C-33	DSC-BJ0002	Screw (11/64", n=40)	7	A-29
DBS-DA0089	Low Shaft (F)	15	C-14	DSC-BA0009	Screw (9/64", n=40)	9	A-69	DSC-BJ0002	Screw (11/64", n=40)	7	A-43

Index

Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.	Parts No.	Name of Parts	Page	Ref.No.
DWS-AA0058	Washer	25	F-72	PBR-AA0031	Low Shaft Bearing(R)	15	C-4	PSC-DA0001	Screw	49	N-58
DWS-AA0062	Washer	21	E-17	PBR-AA0032	Bearing(6002ZZ)	15	C-37	PSC-FA0001	Stud for Lifter Lever Shaft (3/16", n=32)	17	D-35
DWS-AA0063	Roller Washer	17	D-19	PBR-AA0061	Idler Bearing	11	B-30	PSN-AA0003	Nut (M10xP1.5)	49	N-53
DWS-AA0063	Washer	21	E-11	PBR-AA0136	Upper Thread Trimmer Driving Lever Bearing	27	G-35	PSN-AA0003	Nut (M10xP1.5)	7	A-38
DWS-AA0065	Washer B	17	D-26	PBR-BA0006	Needle Bearing for B-74	13	B-73	PSN-AA0012	Stopper Screw A Nut (M4)	13	B-65
DWS-AA0069	Washer(A) for Mes Driving Lever	31	H-24	PBR-BA0006	Needle Bearing for B-75	13	B-74	PSN-AA0021	Nut (M5)	27	G-50
DWS-AA0070	Washer(B) for Mes Driving Lever	31	H-25	PBR-FA0006	Presser Bar Guide Bracket Bearing	17	D-7	PSN-AA0021	Tention Adjusting Nut for Timing Belt	35	I-51
DWS-AA0071	Washer	35	I-57	PBR-FA0009	Y-Feed Shaft Bearing	35	I-15	PSR-AA0001	Upper Shaft C-Ring	11	B-7
DWS-AA0072	Washer	15	C-34	PBT-BD0004	Upper Shaft Belt	11	B-22	PSR-AB0003	Idler C-Ring (Ø30)	11	B-29
DWS-AA0144	Washer	7	A-51	PBT-BD0012	Y-Feed Drive Timming Belt	35	I-7	PSR-AB0004	Idler Pulley C-Ring (Ø20)	11	B-37
DWS-AB0001	Washer	27	G-5	PMT-BH0003	Zigzag Motor	21	E-4	PSR-AC0002	E-Ring	27	G-41
DWS-CA0001	Spring Washer	11	B-15	PMT-BH0004	Presser Bar Driving Motor	19	D-58	PSR-AC0002	E-Ring (Ø5)	41	K-28
DWS-CC0003	Washer	31	H-39	PMT-BJ0008	Y-Driving Motor	35	I-1	PSR-AC0005	E-Ring	17	D-33
DWS-CC0003	Washer	31	H-34	PPK-BA0001	O-Ring	13	B-84	PSR-AC0008	E-Ring	31	H-7
EA-000114	Control Box Fan	53	O-16	PPK-BA0009	O-Ring	27	G-37	PSR-AG0001	G-Ring	17	D-48
EA-000250	OP BOX Ass'y	57	P-14	PPN-AA0004	Position Pin	21	E-2	PTC-AG0001	Cable Tie (M)	49	N-25
EP-000039	SMPS	53	O-25	PPN-AF0001	Spring Pin	41	K-7	PTC-AG0002	Cable Tie	43	L-57
EP-000191	Pause Switch (Set)	9	A-61	PPP-AB0004	Speed Controler	45	L-76	PTC-AG0002	Cable Tie (S)	49	N-24
EP-000207	Cable Holder (50mm)	55	O-90	PSC-AC0001	Screw (M5xP0.8)	11	B-14	PTC-AH0001	Code Holder (5N)	43	L-41
GP-007198	SMD FET Radiator Sheet	53	O-34	PSC-AC0008	Screw (M4xP0.7)	19	D-59	PTC-AH0003	Code Holder (6N)	43	L-1
GP-007203	Main Board Radiator	55	O-54	PSC-AC0008	Screw (M4xP0.7)	21	E-5	PTC-AH0004	Cable Holder(10N)	9	A-78
GP-007711	Digital Board Sticker	55	O-66	PSC-AC0010	Bolt (M5xP0.8xL10)	49	N-67	PTC-AH0005	Cable Holder(3N)	9	A-79
GP-007713	Main Board Sticker	55	O-68	PSC-AC0012	Fixing Bolt (M6xP1.0) A	17	D-2	PTL-AB0001	L-Shaped Wrench (2mm)	49	N-8
GP-008660	Cable Cover	55	O-64	PSC-AC0012	Screw (M6xP1.0)	11	B-31	PTL-AB0002	L-Shaped Wrench (5mm)	49	N-12
GP-008663	Lower Frame	53	O-13	PSC-AC0012	Screw (M6xP1.0)	27	G-43	PTL-AB0003	L-Shaped Wrench (2.5mm)	49	N-9
GP-008666	Upper Frame	53	O-11	PSC-AC0012	Screw (M6xP1.0)	27	G-55	PTL-AB0004	L-Shaped Wrench (4mm)	49	N-11
GP-008667	Insulation Plate	53	O-20	PSC-AC0012	Zigzag Lever Bolt (M6xP1.0)	21	E-16	PTL-AB0005	L-Shaped Wrench (3mm)	49	N-10
GP-008668	Digital Board Bracket	53	O-31	PSC-AC0015	Fixing Bolt for Feed Plate (M4xP0.7)	35	I-32	PTL-BA0001	Driver (L)	49	N-1
GP-008670	Main Board Bracket	55	O-58	PSC-AC0015	Fixing Bolt for Return Cam Support Plate	35	I-27	PTL-BA0002	Driver (M)	49	N-2
GP-008671	Front Profile Upper	53	O-3	PSC-AC0015	Screw (M4xP0.5)	35	I-28	PTL-BA0002	Driver (S)	49	N-3
GP-008672	Front Profile Lower	53	O-5	PSC-AC0015	Screw (M4xP0.7)	13	B-61	PTL-CB0001	Spaner (9x10)	49	N-4
GP-008673	Rear Profile Upper	53	O-7	PSC-AC0015	Screw (M4xP0.7)	17	D-9	PWS-AA0021	Washer	41	K-24
GP-008674	Rear Profile Lower	53	O-9	PSC-AC0015	Screw (M4xP0.7)	25	F-63	PWS-CA0003	Wahser	7	A-37
GP-008701	SMPS Bracket	53	O-26	PSC-AC0015	Screw (M4xP0.7)	27	G-46	PWS-CA0003	Spring Washer	49	N-51
GP-009263	Model Sticker (General)	7	A-56	PSC-AC0015	Screw (M4xP0.7)	27	G-53	PWS-CA0016	Spring Washer	27	G-28
GP-009264	Model Sticker (knit)	7	A-57	PSC-AC0015	Screw (M4xP0.7)	35	I-38	SC-000410	Screw(M4xL12)	57	P-12
GP-011455	Stand For OP Box	57	P-11	PSC-AC0015	Screw (M4xP0.7)	39	J-19	SC-000411	Screw(ST4xL16)	57	P-13
GP-012617	Board Bracket Handle	53	O-32	PSC-AC0015	Screw (M4xP0.7)	39	J-21	SC-000459	Screw(ST3xL8)	57	P-8
GP-012617	Board Bracket Handle	53	O-49	PSC-AC0016	Bolt (M10xL70)	49	N-50	SC-000502	Step Board Stud	55	O-80
GP-012617	Board Bracket Handle	55	O-59	PSC-AC0016	Bolt (M10xL70)	7	A-35	SC-000656	Screw(M4xL35)	53	O-17
GP-013452	Step Board Radiator Bracket	53	O-39	PSC-AC0018	Screw (M4xP0.7)	41	K-31	SC-000683	Screw(M3xL8)	55	O-92
GP-013453	Step Board Radiator	53	O-38	PSC-AC0020	Screw (M6xP1.0)	7	A-33	SC-001272	Screw(M4xL8)	53	O-42
GP-013455	Box Body	53	O-2	PSC-AC0021	Fixing Bolt	23	F-7	SC-0115-7400	Roller Nut	17	D-18
GP-013456	Step Board Bracket	53	O-48	PSC-AC0021	Screw (M4xP0.7)	27	G-32	SFAM-500-001	Main Shaft Motor	11	B-13
GP-013457	Step Board Sticker	55	O-67	PSC-AC0029	Fixing Bolt (M6xP1.0) B	17	D-3	SSBH-0000012	Control Box Ass'y	53	O-1
GP-013458	Rear Cover	53	O-23	PSC-AC0029	Screw (M6xP1.0)	7	A-39	WS-000424	Washer	19	D-62
GP-013468	Front Cover	57	P-2	PSC-AC0029	Screw (M6xP1.0)	35	I-53	-	CD Manual	51	N-76
GP-013469	Rear Cover	57	P-7	PSC-AC0056	Screw (11/64", n=40)	39	J-34	-	Inner Box	51	N-70
GP-013470	Membrane Switch	57	P-1	PSC-AC0056	Screw (M5xL10)	39	J-38	-	Needle	11	B-59
GP-013601	Switch Cover	57	P-6	PSC-AC0056	Screw (M5xP0.8)	35	I-2	-	Needle (DPx5 #11J)for D-BH3000G	49	N-6
GP-013610	Step Board Radiator Sub Bracket	53	O-40	PSC-AC0066	Setting Plate Screw (M5xL10)	27	G-20	-	Needle (DPx5 #14)for D-BH3000	49	N-6
GP-013846	Radiator Sheet B	53	O-41	PSC-BD0004	Screw (M5xP0.8)	25	F-60	-	Solenoid Link Connecting Pin	23	F-2
GP-013874	Voltage Sticker	55	O-70	PSC-BD0005	Screw (11/64", n=40)	39	J-23				
GP-014587	Upper Cover	53	O-15	PSC-BD0006	Screw	39	J-52				
GP-014851	Sub Thread Tension Adjusting Spring	23	F-23	PSC-BD0007	Screw	19	D-64				
GP-018205	CE Mark	9	A-75	PSC-BD0007	Screw	21	E-29				
GP-018491	Auxiliary Table	49	N-66	PSC-BD0007	Screw	37	I-59				
GP-027061	Fan Bracket	55	O-91	PSC-BJ0001	Screw "A"(1/8", n=40)	31	H-48				
GP-047599	QC Passed Sticker	55	O-69	PSC-BJ0002	Screw (M6xP1.0)	49	N-55				
PBR-AA0001	Upper Shaft Bearing(R) (6302ZZNR)	11	B-8	PSC-CB0001	Screw (M6xL8)	11	B-18				
PBR-AA0011	Y-Feed Driven Pulley Bearing	35	I-9	PSC-CB0002	Screw (M4xP0.7)	41	K-26				
PBR-AA0017	Idler Pulley Bearing	11	B-36	PSC-CB0005	Stopper Screw A (M4xL18)	13	B-64				

Index

[illegible]