



PARTS BOOK

KM-590BL

High Speed, 1-Needle,
Unison Feed Lock Stitch Machine
With Vertical Large Hock
1본침 본봉 총합송 재봉기
(수직2배 훅)

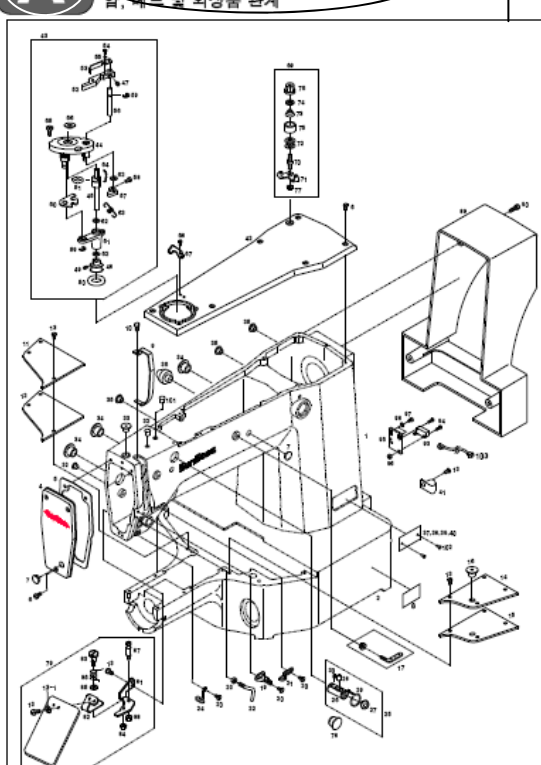
PME-120921

Information

A. Parts Book 구성

Structure of Part Book

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A Arm, Bed & Machine Body Mechanism
바, 베드 및 외장품 관계

Ref. No	Parts No	Note	Name of Parts	품명	Q'ty	Assembly No.
A-1	01-01244-03		Arm	오른	1	
A-2	01-0073-06		Bed	베드	1	
A-3	01-0073-06		Face Plate	면판	1	
A-4	01-0038-130H		Face Plate Gasket	면판 가스켓	1	
A-5	01-0174-4122		Screw (1.64"×40)	볼트	10	
A-6	01-1101-1330		Rubber Cap For Face Plate	면판 고무패드	2	
A-7	01-0074-1330		Caution (Screw)	경고 스크류	1	
A-8	01-0173-03		Turn-up Lever Cover	날짜기 커버	1	
A-9	01-0038-130H		Screw (1.64"×40)	볼트 (날짜기)	1	
A-10	01-0174-03		Bed Cover(L)	베드 커버(좌)	1	
A-11	01-0148-130H		Bed Cover (Gasket)	베드 커버 가스켓(좌)	1	
A-12	01-0043-130H		Screw (1.64"×40)	볼트 (날짜기)	14	
A-13	40-0044-1000		Washer	와셔	2	
A-14	01-0173-03		Bed Cover(R)	베드 커버(우)	1	
A-15	01-0174-130H		Bed Cover (Gasket)(R)	베드 커버 가스켓(우)	1	
A-16	44-0011-100H		Oil Tank Rubber Cap	오일 탱크 고무패드	1	
A-17	01-0174-1330		Thread Guide with Three Poles	세극을 달린 가이드	15Set	
A-18	01-0173-1330		Screw (1.64"×40)	면판 볼트	3	
A-19	01-0100-1330		Thread Guide(R)	면판 가이드	1	
A-20	01-0143-03		Arm Thread Guide Assy	오른 날짜기 가이드	1	
A-21	11-0173-7000		Nut	너트	1	
A-22	01-0173-1330		Thread Guide(L)	날짜기 가이드(좌)	1	
A-23	01-0173-100H		Stitch Tack Assy	날짜기 당겨 채우기	15Set	
A-24	01-0173-100H		Stitch Tack	날짜기 당겨 채우기	1	
A-25	01-0173-100H		Stitch Tack Window	날짜기 창	1	
A-26	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-27	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-28	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-29	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-30	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-31	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-32	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-33	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-34	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-35	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-36	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-37	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-38	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-39	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-40	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-41	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-42	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-43	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-44	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-45	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-46	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-47	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-48	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-49	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-50	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-51	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-52	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-53	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-54	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-55	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-56	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-57	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	
A-58	01-0173-100H		Stitch Tack	날짜기 창 채우기	1	

Note: P= Heavy Material(중량재), M=Medium Material(중량재), MA= Pneumatic Heavy Material(공압식 중량재)
L= Light Material(경량재), K=Kitt Material(커트재), EL=Large Shuttle Model(대 셔틀 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(조) 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(조) 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

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

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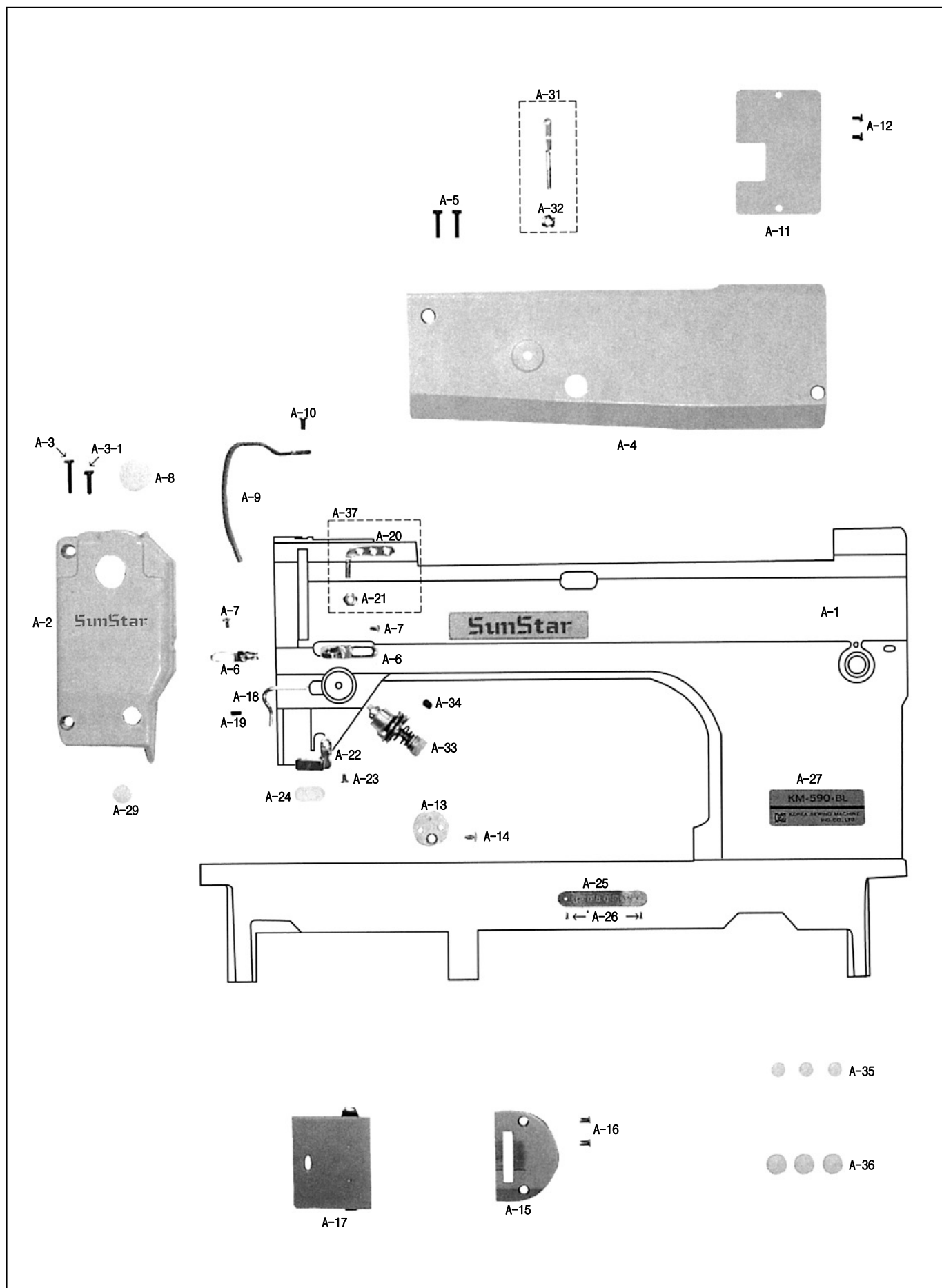
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A

Machine Body & Thread Tension Adjusting Mechanism

외장 & 실장력 조절 관계

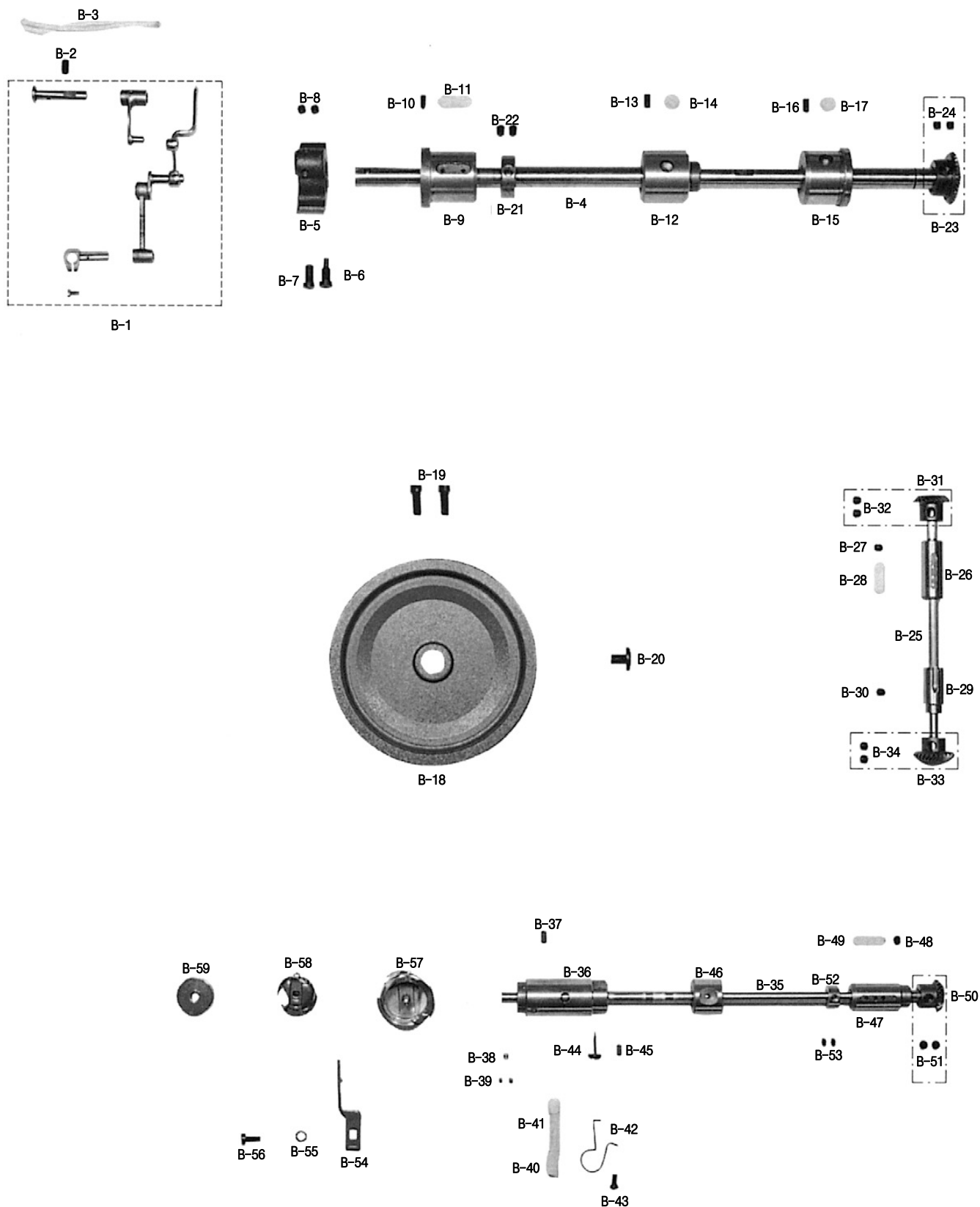


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B

Upper Shaft & Upright Shaft and Lower Shaft Mechanism

상축, 세운축, 하축 관계

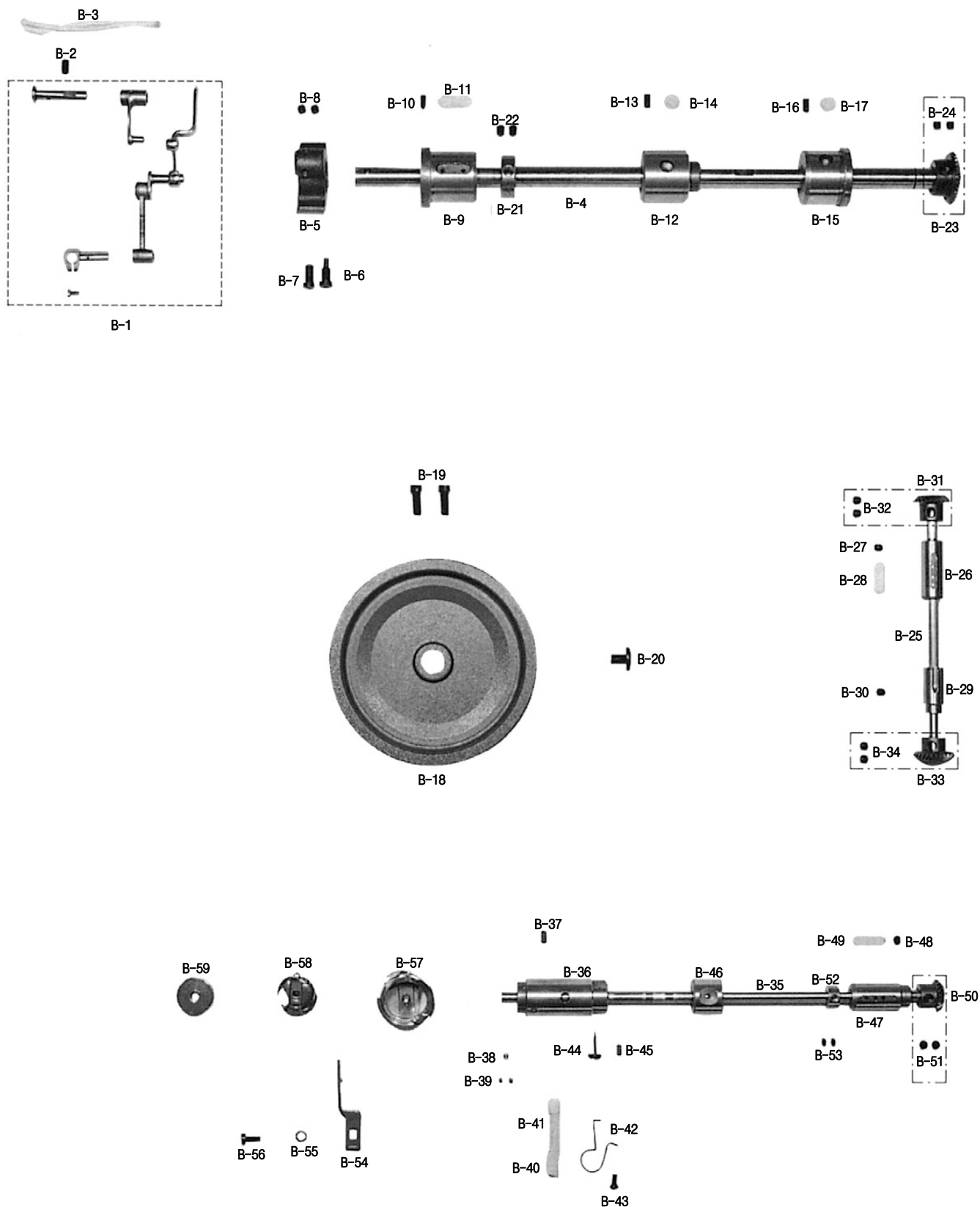


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
B-1	08-101A-3400		Thread Take-Up Lever Ass'y	실채기(組)W331012G02	1Set	
B-2	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-3	44-0000-1230		Oil Wick	유심	1	
B-4	GP-030852-00		Upper Shaft	상축	1	
B-5	02-002A-3400		Link Cam	링크 캠	1	
B-6	SC-0123-1230		Screw(9/32"n=28)	홈볼이 납작 작은나사(9/32"n=28)	1	
B-7	SC-0124-7400		Screw(9/32"n=28)	홈볼이 납작 작은나사(9/32"n=28)	1	
B-8	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
B-9	02-003A-3400		Upper Shaft Front Bushing	상축 앞 붓심	1	
B-10	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-11	02-010M-3400		Oil Felt For B-9	상축 앞 붓심 헬트	1	
B-12	02-004A-3400		Upper Shaft Middle Bushing	상축 중 붓심	1	
B-13	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-14	44-017M-3400		Oil Felt For B-12	상축 중붓심 급유 헬트	1	
B-15	02-005A-3400		Upper Shaft Rear Bushing	상축 후 붓심	1	
B-16	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-17	44-017M-3400		Oil Felt For B-15	상축 중붓심 급유 헬트	1	
B-18	02-006A-3400		Pulley	폴리	1	
B-19	SC-0150-2500		Screw(15/64"n=28)	홈볼이 납작 작은나사(15/64"n=28)	2	
B-20	SC-0188-1230		Screw(5/16"n=24)	홈볼이 바인딩 작은나사(15/64"n=24)	1	
B-21	02-121A-1230		Collar For Upper Shaft	메스 작동 캠 카라	1	
B-22	SC-0504-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
B-23	02-106A-1230		Upper Shaft Gear	상축 기어	1	
B-24	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
B-25	03-001A-3400		Upright Shaft	세운축	1	
B-26	03-102A-3400		Upright Shaft Upper Bushing	세운축 상붓심	1	
B-27	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-28	03-107M-3710		Oil Felt For B-26	압축 상붓심 헬트	1	
B-29	03-103A-3400		Upright Shaft Lower Bushing	세운축 하붓심	1	
B-30	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-31	02-212A-1230		Upright Shaft Upper Gear	압축 상기어	1	
B-32	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
B-33	02-213A-1230		Upright Shaft Lower Gear	압축 하기어	1	
B-34	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
B-35	07-001A-3400		Lower Shaft	하축	1	
B-36	07-002A-3400		Lower Shaft Front Bushing	하축 앞붓심	1	
B-37	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-38	07-003C-3400		Oil Cap(Large) For B-36	하축 앞붓심 기름 구멍마개(大)	1	
B-39	GP-034051-00		Oil Cap(Small) For B-36	하축 앞붓심 기름 구멍마개(小)	2	
B-40	44-019M-3400		Oil Felt For B-36	하축 전붓심 급유 헬트	1	
B-41	44-026P-3400		Oil Felt Pipe For B-36	하축 전붓심 급유 파이프(6×7×25L)	1	
B-42	44-020C-3400		Oil Felt Holder For B-36	하축 전붓심 급유 헬트잡이	1	
B-43	SC-0175-1230		Screw For B-42	윗뚜껑 잠나사	1	
B-44	44-021S-3400		Oil Adjusting Screw For B-36	하축 기름 조절나사	1	
B-45	44-022G-3400		Spring For B-44	하축 유량 조절 스프링	1	
B-46	07-005A-3400		Lower Shaft Middle Bushing	하축 중붓심	1	
B-47	07-006A-3400		Lower Shaft Rear Bushing	하축 후붓심	1	
B-48	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
B-49	03-107M-3710		Oil Felt For B-47	압축 상붓심 헬트	1	
B-50	02-214A-1230		Lower Shaft Gear	하축 뒷기어	1	
B-51	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
B-52	44-025A-1230		Collar For Lower Shaft	오일 펌프 카라(B) 7.94×17×8	1	
B-53	SC-0512-1230		Screw(11/64"n=40)	육각구멍볼이 멈춤나사(11/64"n=40)	2	
B-54	07-013A-1230		Inner Bobbin Stopper	가마잡이	1	
B-55	07-011W-1230		Washer For B-54	가마잡이 와셔	1	
B-56	SC-A174-4122		Screw(11/64"n=40)	홈볼이 납작 작은나사(11/64"n=40)	1	
B-57	07-007A-590L		Rotary Hook Ass'y	로터리 훅(組) HSM-AITR(280)	1Set	

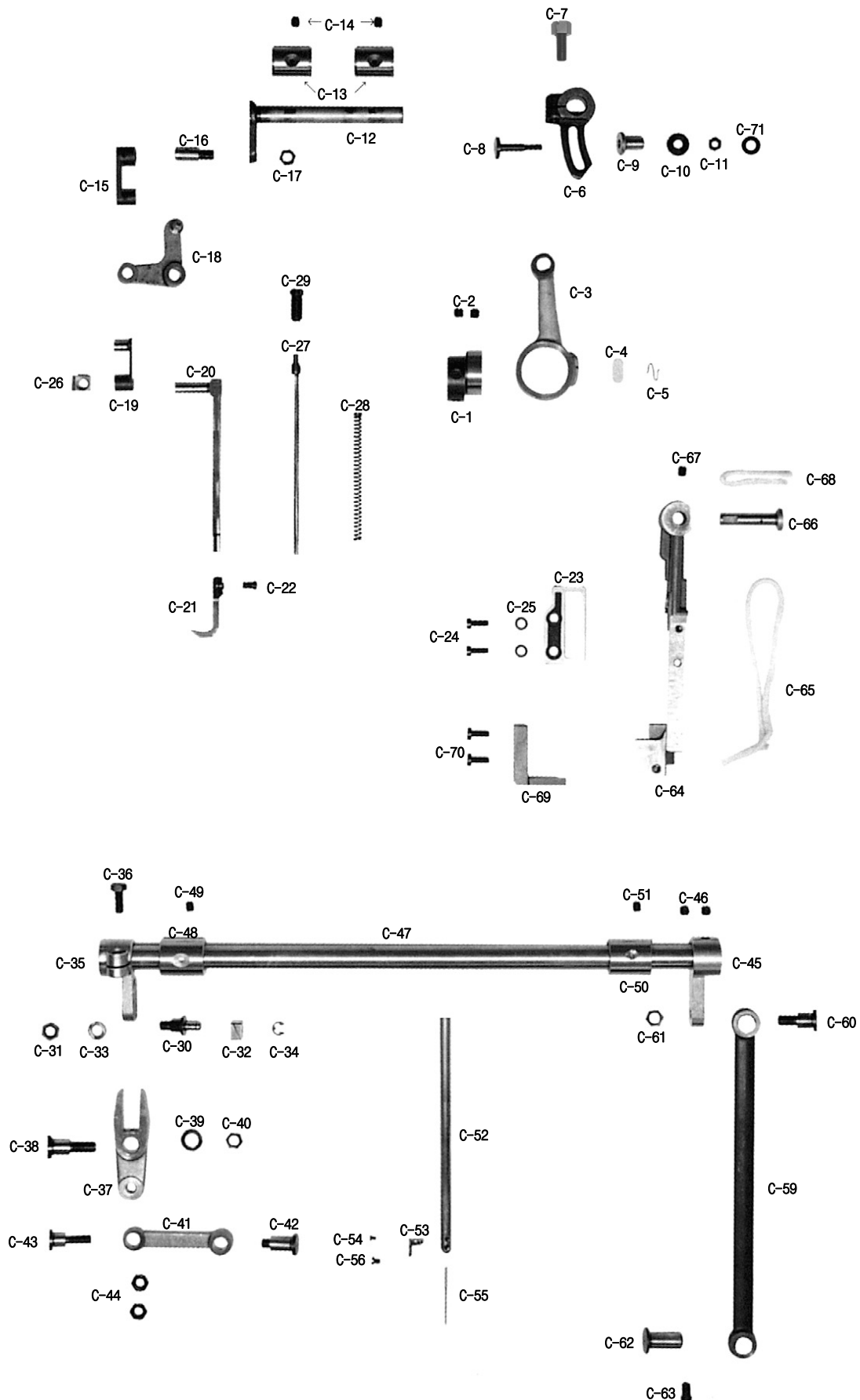
B

Upper Shaft & Upright Shaft and Lower Shaft Mechanism

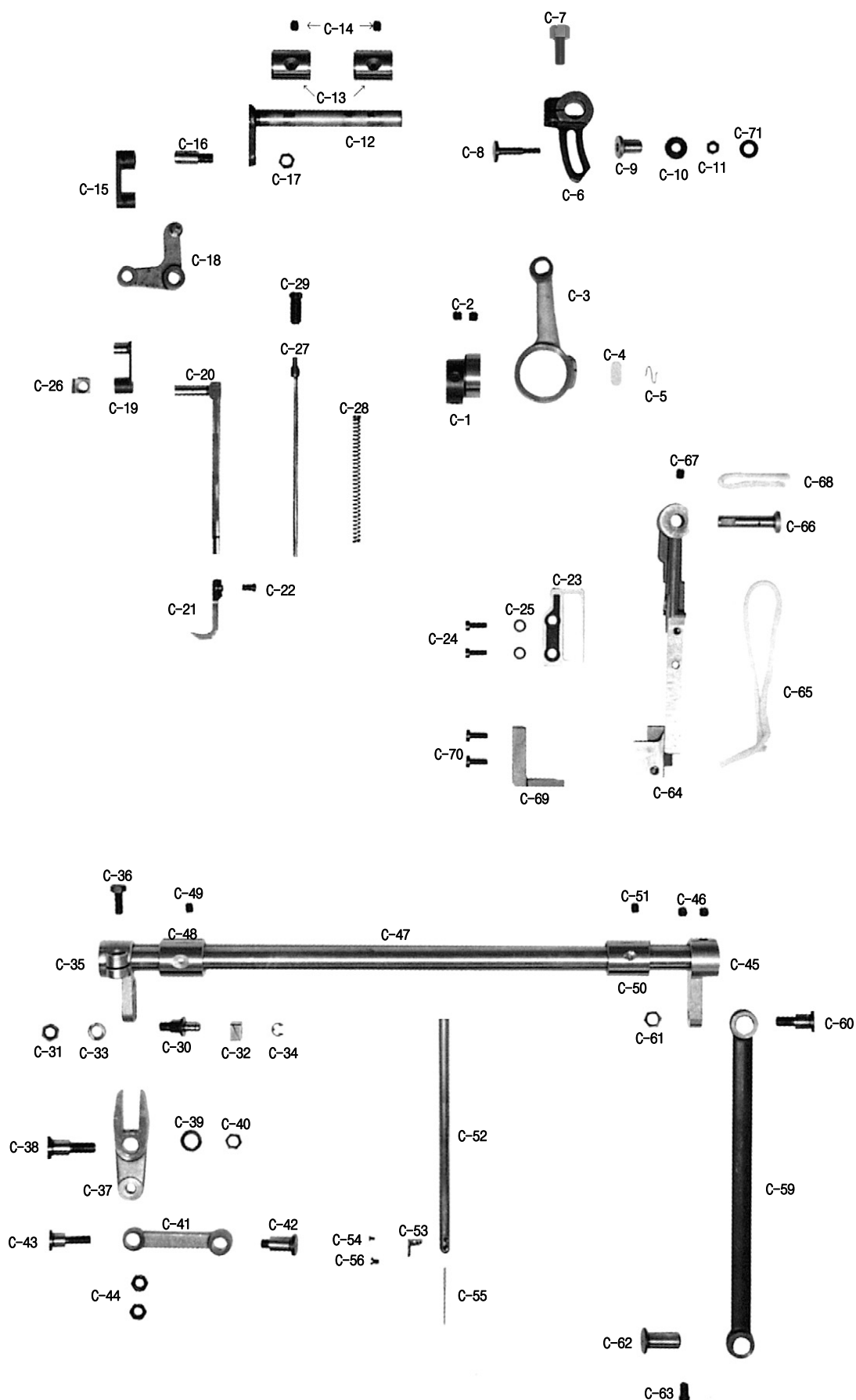
상축, 세운축, 하축 관계



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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
C-1	15-101A-3800		Upper Feed Lifting Eccentric Cam	상하운동 캠	1	
C-2	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
C-3	15-202A-3800		Upper Feed Eccentric Cam Rod	상하운동 캠 로드	1	
C-4	44-023M-3400		Oil Felt For C-3	노루발 상하운동 캠 로드 급유 펄트	1	
C-5	44-015C-3400		Oil Felt Holder For C-3	상하운동 캠 로드 유심잡이	1	
C-6	15-203A-3800		Upper Feed Lifting Eccentric Wheel Crank	상하운동 크랭크	1	
C-7	SC-0140-5607		Screw(1/4"n=24)	육각보울트(1/4"n=24)	1	
C-8	15-007A-5607		Upper Feed Lifting Adjusting Shaft	상하운동 조절축	1	
C-9	15-206A-3800		Bushing For C-8	상하운동 조절축 붓싱	1	
C-10	15-009A-5607		Washer For C-8	상하운동 조절축 와셔	1	
C-11	SN-0116-3400		Nut(3/16"n=32)	육각너트(3/16"n=32)	1	
C-12	15-118A-590L		Upper Feed Driving Shaft	상하 운동축	1	
C-13	15-119A-3400		Bushing For C-12	노루발 상하 운동축 붓싱	2	
C-14	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	2	
C-15	15-117A-5607		Connecting Link For Upper Feed	상피이드 연결링크	1	
C-16	15-015S-5607		Shaft Screw For C-15	상피이드 연결링크 축나사	1	
C-17	SC-0116-3400		Nut(1/4"n=40)	육각너트(1/4"n=40)	1	
C-18	15-218A-5607		Connecting Link For Upper Feed Foot	상피이드 노루발 연결 링크	1	
C-19	15-119A-5607		Walking Bar Driving Link	상피이드 노루발 운동 링크	1	
C-20	15-120A-590L		Walking Bar	상피이드 노루발대	1	
C-21	15-322A-5607		Upper Feed Presser Foot	상피이드 노루발(D)	1	
C-22	SC-0128-7400		Screw(11/64"n=40)	홈볼이 냄비 작은나사(11/64"n=40)	1	
C-23	15-123A-5607		Walking Bar Guide Plate	노루발대 안내판(K2555)	1	
C-24	SC-0174-4122		Screw(11/64"n=40)	홈볼이 납작 작은나사(11/64"n=40)	2	
C-25	01-017W-1600		Washer For C-24	뒷뚜껑 첩와셔	2	
C-26	15-117A-3800		Walking Bar Guide Block	상피이드 노루발 안내블럭	1	
C-27	15-035A-590L		Walking Foot Pressure Adjusting Pole	상피이드 노루발 압력봉	1	
C-28	15-027G-590L		Walking Foot Pressure Spring	상피이드 노루발 압력 스프링	1	
C-29	SC-0203-5607		Screw(5/16"n=28)	홈볼이 납작 작은나사(5/16"n=28)	1	
C-30	15-001A-3400		Adjusting Shaft For Needle Bar Driving	수평운동 조절축	1	
C-31	SN-0116-3400		Nut(1/4"n=40)	육각너트(1/4"n=40)	1	
C-32	15-103A-3400		Block For C-30	노루발 수평운동축 블럭	1	
C-33	06-151W-7400		Washer For C-30	포트 첩나사 와셔	1	
C-34	05-014C-1230		E-Ring(Ø4)	인상판 E링(Ø4)	1	
C-35	15-004A-3400		Adjusting Crank For Needle Bar Driving	수평운동 조절 크랭크	11	
C-36	15-005S-3400		Screw(15/64"n=28)	수평운동 조절 크랭크 첩나사	1	
C-37	15-134A-3400		Link For Needle Bar Driving	노루발 수평운동 링크	1	
C-38	15-006S-3400		Stud Screw For C-37	수평운동 링크 단나사	1	
C-39	06-021W-7400		Washer For C-38	역진 레버와셔	1	
C-40	SN-0107-4000		Nut(9/32"n=28)	육각너트(9/32"n=28)	1	
C-41	04-105A-590L		Needle Bar Driving Rod	바늘대 수평운동 로드	1	
C-42	GP-029566-00		Stud Screw(Front) For C-41	바늘대 수평운동 로드 단나사	1	
C-43	15-008S-3400		Stud Screw(Rear) For C-41	수평운동 로드 단나사	1	
C-44	SN-0105-4000		Nut(15/64"n=28)	육각너트(15/64"n=28)	2	
C-45	15-010A-3400		Needle Bar Driving Shaft Crank(Rear)	노루발 수평운동축 크랭크(後)	1	
C-46	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	
C-47	15-011A-3400		Needle Bar Driving Shaft	노루발 수평운동축	1	
C-48	15-112A-3400		Needle Bar Driving Shaft Front Bushing	수평운동축 앞붓싱(14.72×23×27)	1	
C-49	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
C-50	15-113A-3400		Needle Bar Driving Shaft Rear Bushing	수평운동축 후붓싱(14.72×22.5×25)	1	
C-51	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
C-52	GP-056231-00		Needle Bar	바늘대	1	Aug.06.12
C-53	04-002A-5607		Thread Guide For Needle Bar	바늘대 실안내	1	
C-54	SC-0125-5607		Screw(3/32"n=56)	홈볼이 바인딩 작은나사(3/32"n=56)	1	
C-55	-		Needle	바늘	1	
C-56	SC-0160-5607		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
C-59	15-114A-3400		Rod For Needle Bar Driving Shaft	노루발 수평운동축 로드	1	

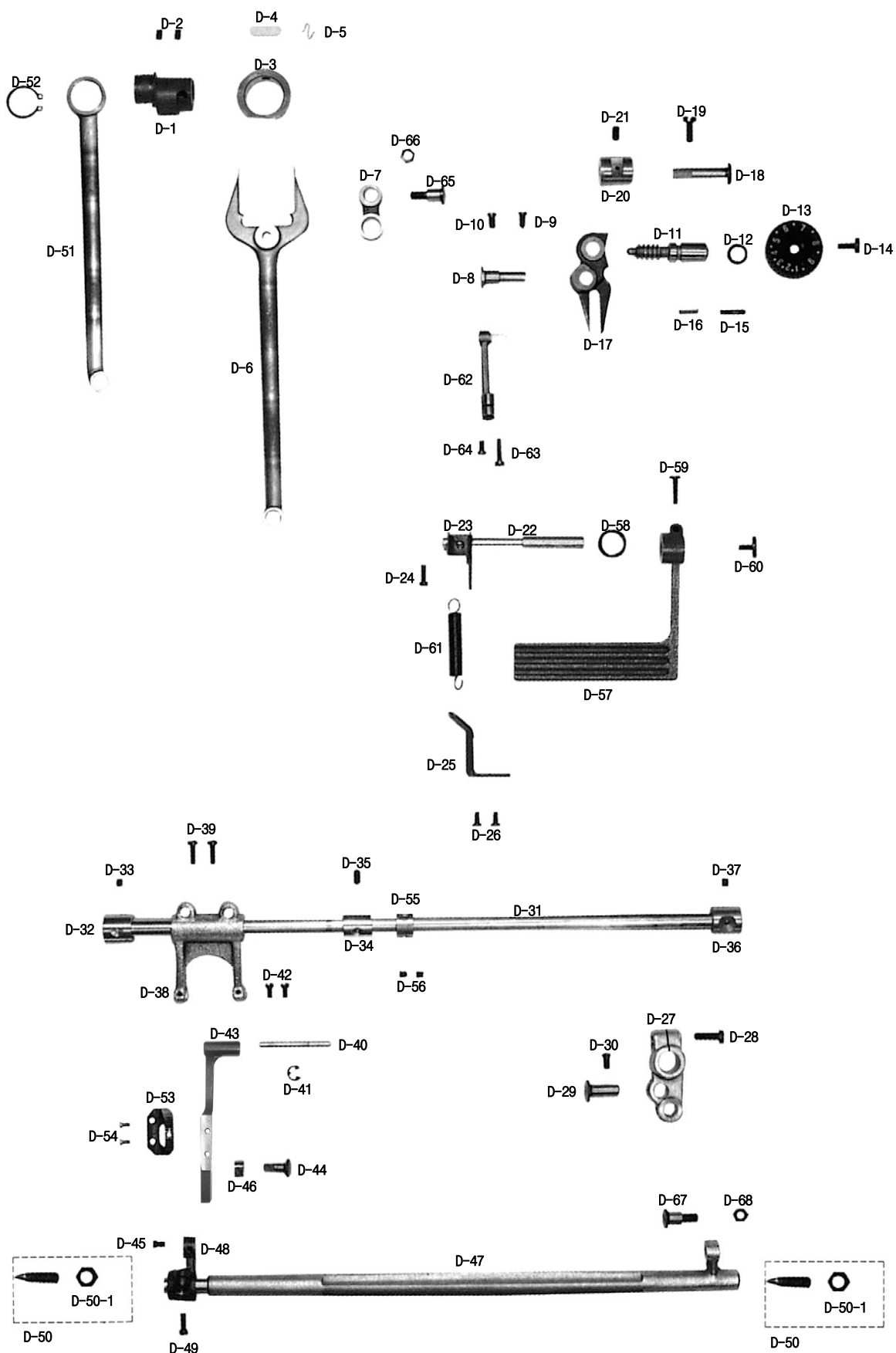


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D

Lower Feed Mechanism

하피이드 관계

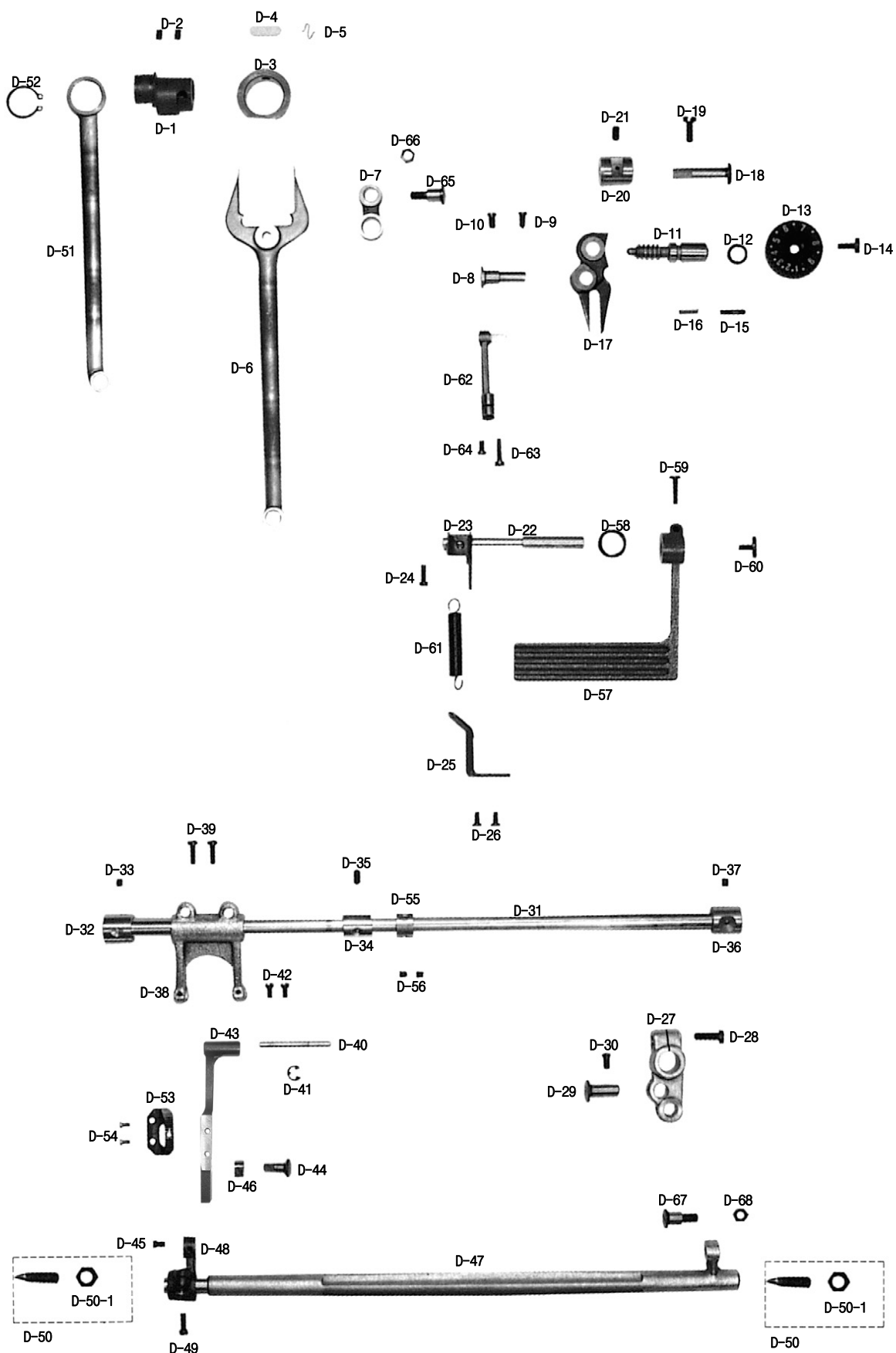


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
D-1	06-001A-3400		Feed Cam	피이드 캠	1	
D-2	SC-0509-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	2	
D-3	06-002A-3400		Connection Ring For Y-Rod	Y-로드 연결링	1	
D-4	44-018M-3400		Oil Felt For D-3	Y-로드 연결링 급유 헬트	1	
D-5	44-015C-3400		Holder For D-4	상하운동 캠 로드 유심잡이	1	
D-6	06-103A-3400		Y-Rod	Y-로드	1	
D-7	06-004A-3400		Feed Link	피이드 링크	1	
D-8	06-005A-3400		Connection Shaft For Feed Link	피이드 링크 연결축	1	
D-9	SC-0330-7400		Screw(15/64"n=28)	홈볼이 납작 작은나사(15/64"n=28)	1	
D-10	SC-0122-1230		Screw(15/64"n=28)	홈볼이 납작 작은나사(15/64"n=28)	1	
D-11	06-006A-3400		Feed Regulator Dial Shaft	다이알 축	1	
D-12	06-010R-1230		O-Ring For D-11	다이알 축 오링	1	
D-13	06-007C-3400		Feed Regulator Control Plate	다이알 문자 지시판	1	
D-14	SC-0193-1230		Screw(3/16"n=28)	홈볼이 납작 작은나사(3/16"n=28)	1	
D-15	06-026P-1230		Pin For D-13	다이알 핀	1	
D-16	06-027G-1230		Spring For D-15	다이알 스프링	1	
D-17	06-108A-3400		Feed Regulator	피이드 조절기	1	
D-18	06-109A-3400		Feed Regulator Shaft	피이드 조절축	1	
D-19	SC-0183-2700		Screw(15/64"n=28)	홈볼이 납작 작은나사(15/64"n=28)	1	
D-20	06-110A-3400		Bushing For D-18	피이드 조절기축 붓심	1	
D-21	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
D-22	06-013A-3400		Reverse Feed Control Lever Shaft	역진 레버축	1	
D-23	06-114C-3400		Spring Holder For D-22	역진 레버축 스프링 걸이	1	
D-24	SC-0497-1230		Screw(3/16"n=28)	홈볼이 납작 작은나사(3/16"n=28)	1	
D-25	06-115C-590L		Spring Holder For Reverse Feed Control Lever	역진 레버 스프링 걸이	1	
D-26	SC-0173-1230		Screw(3/16"n=28)	홈볼이 냄비 작은나사(3/16"n=28)	2	
D-27	06-016A-3400		Feed Rock Shaft Crank	수평밀대 크랭크	1	
D-28	SC-0253-7400		Screw(1/4"n=24)	홈볼이 냄비 작은나사(1/4"n=24)	1	
D-29	06-017P-3400		Connection Pin For Y-Rod	Y-로드 연결핀	1	
D-30	SC-0122-1230		Screw(15/64"n=28)	홈볼이 납작 작은나사(15/64"n=28)	1	
D-31	06-118A-3400		Feed Rock Shaft	수평 밀대	1	
D-32	06-119A-3400		Feed Rock Shaft Front Bushing	수평 밀대 앞붓심(14.72×23×20)	1	
D-33	SC-0114-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
D-34	06-120A-3400		Feed Rock Shaft Middle Bushing	수평 밀대 중붓심(14.72×22.5×20)	1	
D-35	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
D-36	06-121A-3400		Feed Rock Shaft Rear Bushing	수평 밀대 후붓심	1	
D-37	SC-0507-1230		Screw(15/64"n=28)	홈볼이 멈춤나사(15/64"n=28)	1	
D-38	06-022A-3400		Feed Bar Crank	톱니받침 크랭크	1	
D-39	06-023S-3400		Screw(3/16"n=28)	톱니받침 크랭크 짐나사	2	
D-40	06-124A-3400		Feed Bar Shaft	톱니받침 축	1	
D-41	04-009C-3710		E-Ring(Ø5)	이링	1	
D-42	SC-0175-1230		Screw(11/64"n=40)	홈볼이 납작 작은나사(11/64"n=40)	2	
D-43	06-125A-3400		Feed Bar	톱니받침	1	
D-44	06-026A-3400		Feed Bar Block Shaft	톱니받침 블럭축	1	
D-45	SC-0128-7400		Screw(11/64"n=40)	홈볼이 냄비 작은나사(11/64"n=40)	1	
D-46	06-127A-3400		Feed Bar Block	톱니받침 블럭	1	
D-47	06-128A-3400		Feed Lifting Shaft	들대	1	
D-48	06-029A-3400		Feed Lifting Shaft Crank(Front)	들대 크랭크(組)	1	
D-49	SC-0497-1230		Screw(3/16"n=28)	홈볼이 납작 작은나사(3/16"n=28)	1	
D-50	SC-0360-3400		Screw(3/8"n=28)	홈볼이 멈춤나사(3/8"n=28)	2Set	
D-50-1	06-030C-3400		Nut For D-50	들대 지지나사 너트	2	
D-51	06-154A-1230		Crank Rod	크랭크 로드	1	
D-52	06-007C-1600		C-Ring For D-51	크랭크 로드 스톱퍼링(Ø20)	1	
D-53	06-007A-590L		Feed Dog	톱니	1	
D-54	SC-0130-1230		Screw(1/8"n=44)	홈볼이 납작 작은나사(1/8"n=44)	2	
D-55	02-013A-3710		Collar For Feed Rock Shaft	상축카라(14.72×22×8.5)	1	
D-56	SC-A129-4515		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	2	

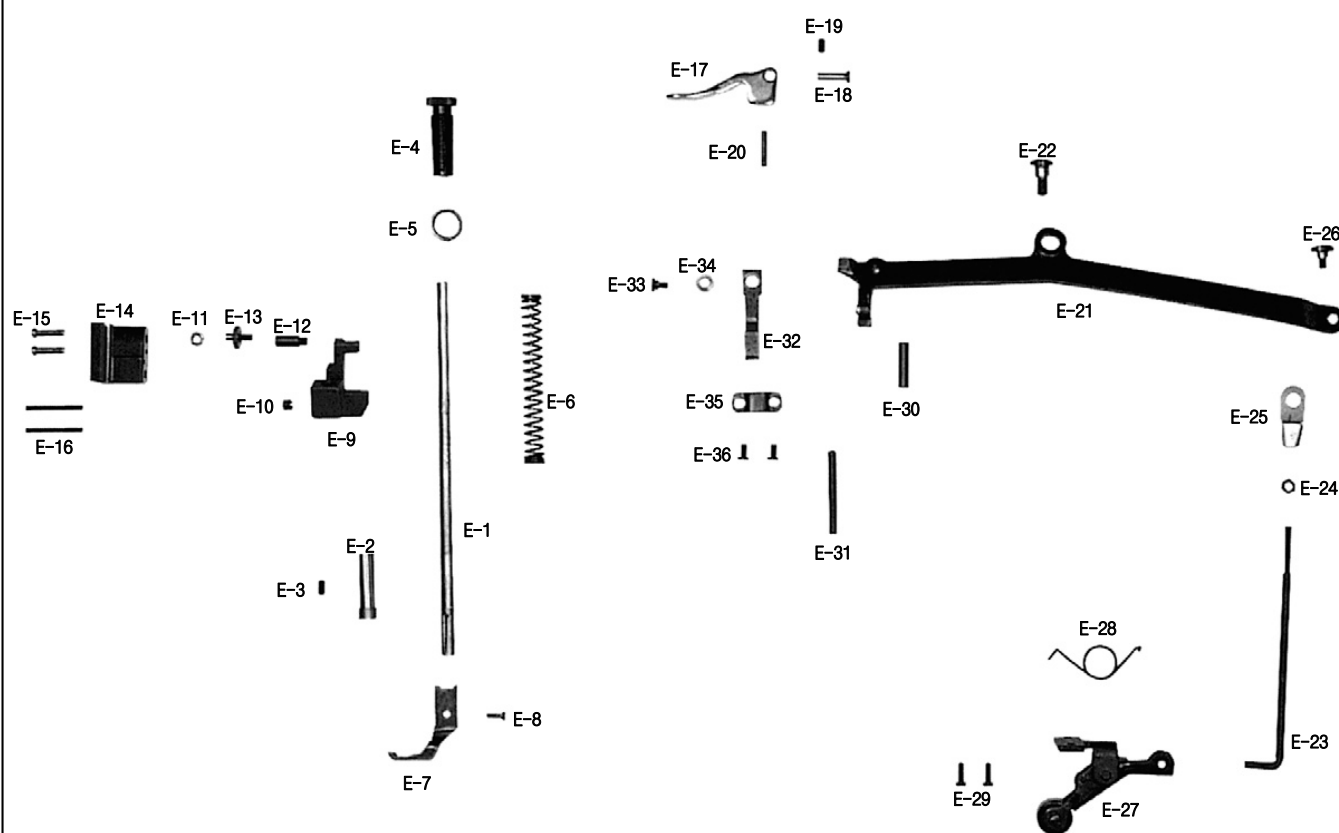
D

Lower Feed Mechanism

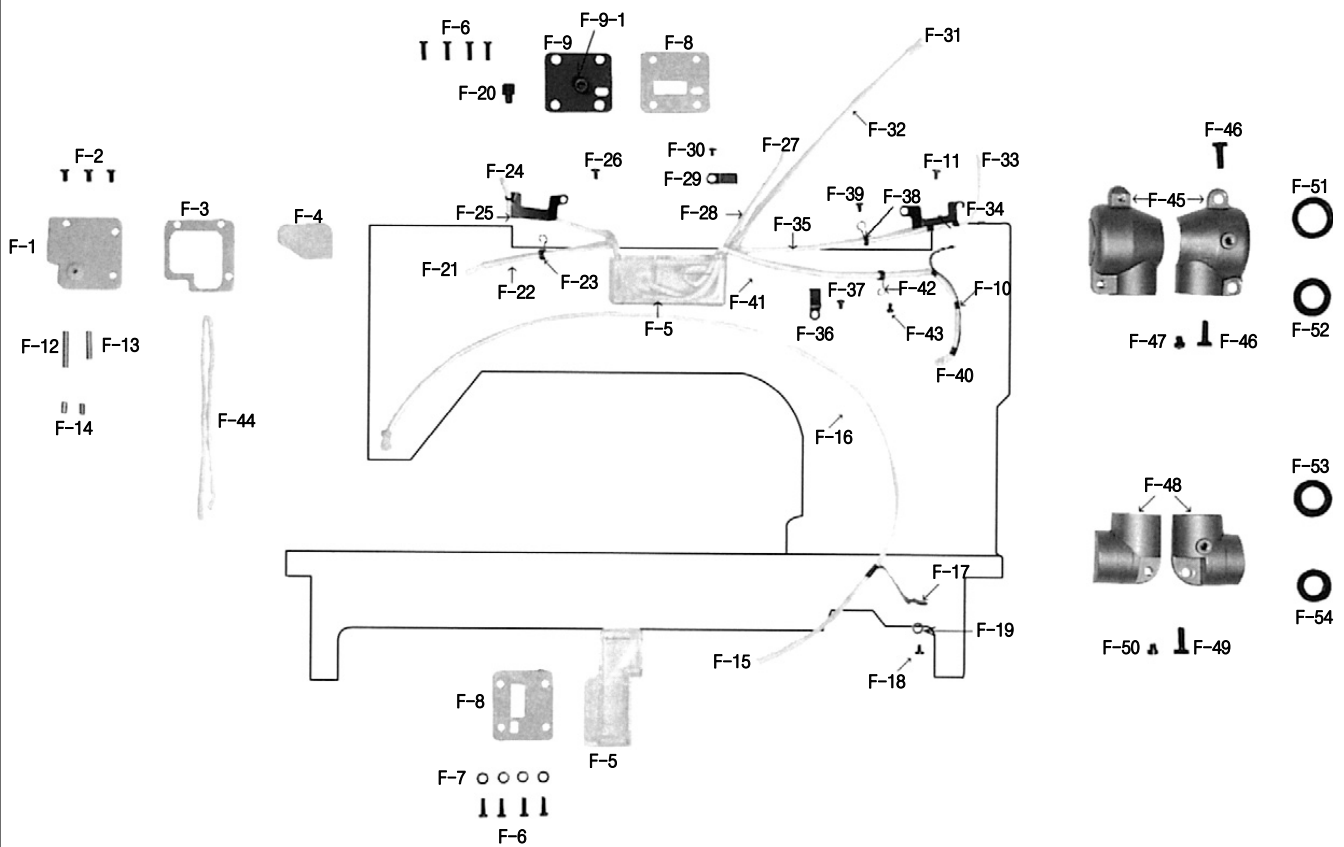
하피이드 관계



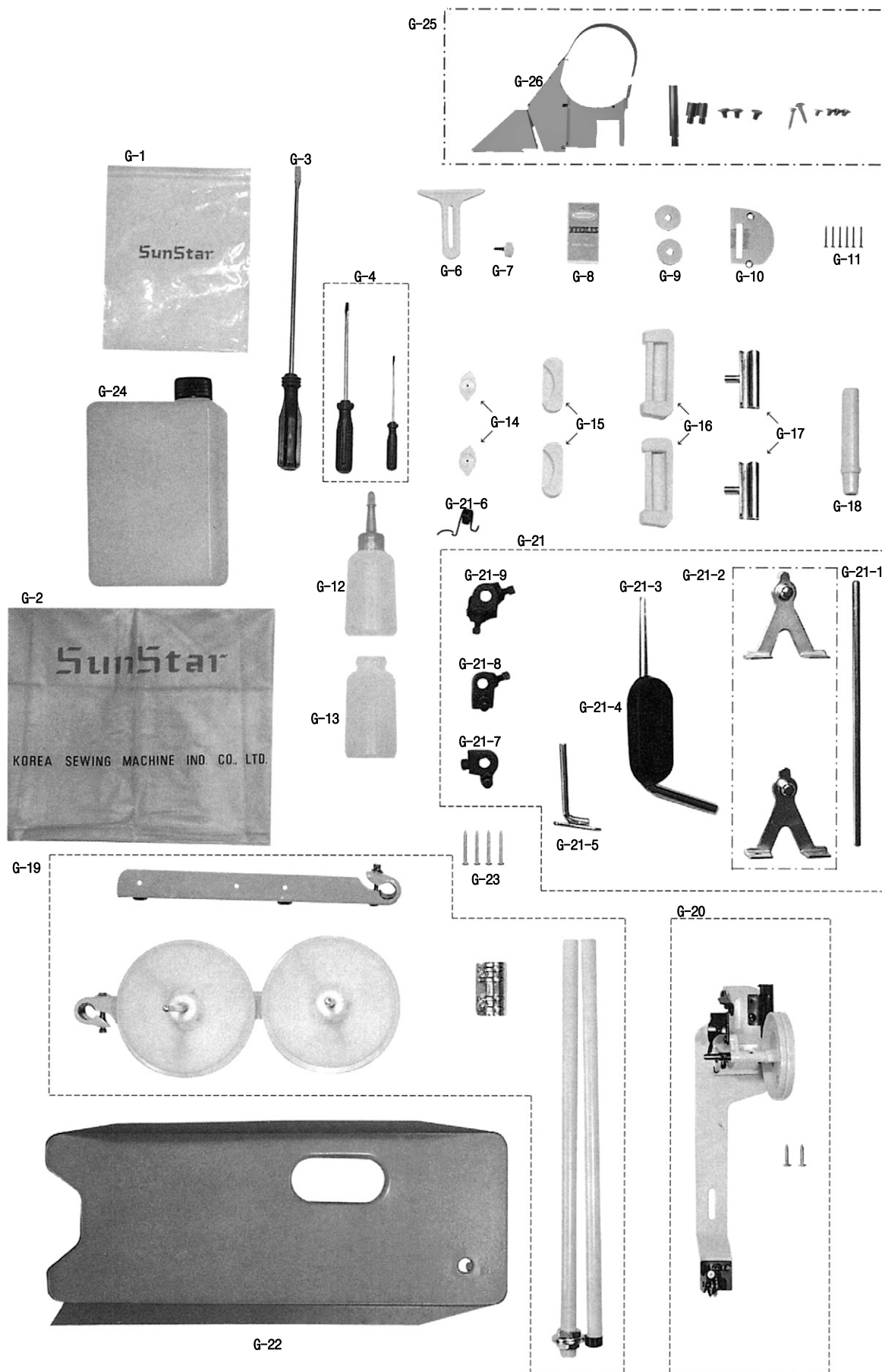
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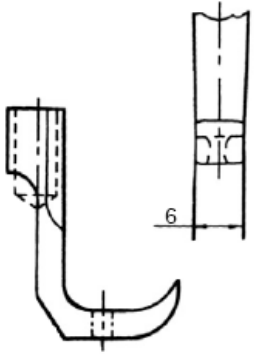
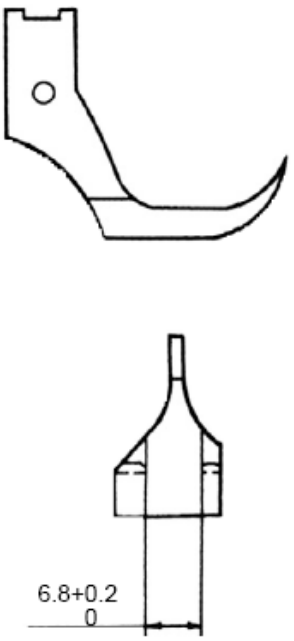
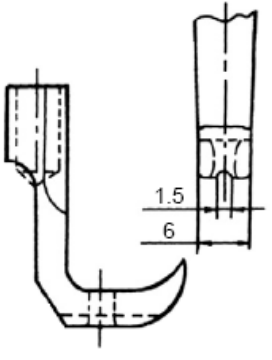


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
F-1	44-101A-3400		Oil Tank Cover For Thread Take-Up Lever	실채기 급유탱크 카바	1	
F-2	SC-0543-2302		Screw(11/64"n=40)	홈볼이 납작 작은나사(11/64"n=40)	3	
F-3	44-002C-3400		Packing For F-1	실채기 급유탱크 패킹	1	
F-4	44-003M-3400		Oil Felt For Thread Take-Up Lever	실채기 급유 헬트	1	
F-5	44-004A-3400		Oil Tank Ass'y	오일탱크(組)	2Set	
F-6	SC-0179-3710		Screw(11/64"n=40)	홈볼이 둥근납작 작은나사(11/64"n=40)	8	
F-7	01-017W-1600		Washer For F-6	뒷뚜껑 침와셔	4	
F-8	44-005C-3400		Oil Tank Packing	오일탱크 패킹	2	
F-9	44-006C-3400		Oil Tank Pushing Plate Ass'y	오일탱크 누름판(組)	1Set	
F-9-1	44-007C-3400		Oil Pipe For F-5	오일탱크 파이프	1	
F-10	44-110A-3400		Oil Wick Holder For Feed Link	피이드 링크 유심잡이	1	
F-11	SC-0531-2302		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
F-12	44-011C-3400		Oil Pipe(Large) For Thread Take-Up Lever	급유파이프(大)	1	
F-13	44-012C-3400		Oil Pipe(Middle) For Thread Take-Up Lever	급유파이프(中)	1	
F-14	44-013C-3400		Oil Pipe(Small) For Thread Take-Up Lever	급유파이프(小)	2	
F-15	44-0000-1230		Oil Wick	유심	1	
F-16	44-012C-1230		Oil Pipe For D-67	환류 파이프	1	
F-17	44-114C-3400		Oil Wick Holder For D-67	크랭크 로드 유심 잡이	1	
F-18	SC-0365-3710		Screw(9/64"n=40)	홈볼이 냄비 작은나사(9/64"n=40)	1	
F-19	01-017W-1600		Washer For F-18	뒷뚜껑 침와셔	1	
F-20	44-012R-7400		Rubber Cap For Oil Tank	주유구 마개(6-8)	1	
F-21	44-0000-1230		Oil Wick	유심	1	
F-22	44-012C-1230		Oil Wick Pipe For B-9	환류 파이프	1	
F-23	44-026G-7400		Oil Wick Pipe Holder For B-9	헬트잡이 스프링	1	
F-24	44-0000-1230		Oil Wick	유심	1	
F-25	44-124C-3400		Oil Wick Holder For C-3	Y-로드 연결링 유심잡이	1	
F-26	SC-0531-2302		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
F-27	44-0000-1230		Oil Wick	유심	1	
F-28	44-012C-1230		Oil Pipe For B-12	환류 파이프	1	
F-29	44-011C-7400		Oil Wick Pipe Holder For B-12	유심 헬트 고정판(6-7)	1	
F-30	SC-0531-2302		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
F-31	44-0000-1230		Oil Wick	유심	1	
F-32	44-012C-1230		Oil Wick Pipe For B-15	환류 파이프	1	
F-33	44-0000-1230		Oil Wick	유심	1	
F-34	44-124C-3400		Oil Wick Holder For D-3	Y-로드 연결링 유심잡이	1	
F-35	44-012C-1230		Oil Wick Pipe For D-3	환류 파이프	1	
F-36	44-111C-7400		Oil Wick Pipe Holder(A) For D-3	유심 헬트 고정판(6-7)	1	
F-37	SC-0531-2302		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
F-38	44-026G-7400		Oil Wick Pipe Holder(B) For D-3	헬트잡이 스프링	1	
F-39	SC-0502-2302		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
F-40	44-0000-1230		Oil Wick	유심	1	
F-41	44-012C-1230		Oil Wick Pipe For D-7	환류 파이프	1	
F-42	44-026G-7400		Oil Wick Pipe Holder For D-7	헬트잡이 스프링	1	
F-43	SC-0502-2302		Screw(9/64"n=40)	홈볼이 둥근납작 작은나사(9/64"n=40)	1	
F-44	44-0000-1230		Oil Wick	유심	1	
F-45	03-010A-3710		Upper Gear Case(Ass'y)	상 기어 케이스(組)	1(Set)	
F-46	SC-0109-2350		Screw(M6)	육각구멍볼이 보울트(M6)	2	
F-47	SC-0205-3710		Screw(9/16"n=20)	홈볼이 납작 작은나사(9/16"n=20)	1	
F-48	03-016A-3710		Lower Gear Case(Ass'y)	하 기어 케이스(組)	1(Set)	
F-49	SC-0109-2350		Screw(M6)	육각구멍볼이 보울트(M6)	1	
F-50	SC-0205-3710		Screw(9/16"n=20)	홈볼이 납작 작은나사(9/16"n=20)	1	
F-51	03-013R-3710		Gear Case Retainer(Upper Shaft)	오일셀(B)	1	
F-52	03-014R-3710		Gear Case Retainer(Upright Shaft Upper)	오일셀(C)	1	
F-53	03-015R-3710		Gear Case Retainer(Upright Shaft Lower)	오일셀(D)	1	
F-54	03-017R-3710		Gear Case Retainer(Lower Shaft)	오일셀(E)	1	



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KM-590BL

Upper Feed Presser Foot (상 피이드 노루발)			Sub Presser Foot (보조 노루발)		
Ref. No.	Parts No.	Specification	Ref. No.	Parts No.	Specification
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91-011C-1230	Oiler	25	G-12	SC-0253-7400	Screw(1/4"n=24)	17	D-28				
91-012C-1230	Head Rest	25	G-18	SC-0315-2302	Screw(9/64"n=40)	21	E-8				
91-102C-1230	Driver(Large)	25	G-3	SC-0330-7400	Screw(15/64"n=28)	17	D-9				
91-103C-1230	Driver(Middle, Small)	25	G-4	SC-0360-3400	Screw(3/8"n=28)	17	D-50				
91-104C-1230	Attachment(Steel)	25	G-6	SC-0365-3710	Screw(9/64"n=40)	7	A-12				
91-106C-2700	Head Cover	25	G-2	SC-0365-3710	Screw(9/64"n=40)	23	F-18				
GP-009175-00	Model Mark(KM-590BL)	7	A-27	SC-0367-3400	Screw(9/16"n=20)	21	E-4				
GP-021885-00	Bobbin Case Ass'y	11	B-58	SC-0497-1230	Screw(3/16"n=28)	17	D-24				