



PARTS BOOK

KM-235A/B

고속 1본침 본봉 자동사절 재봉기
High Speed, 1- Needle,
Lock-Stitch Machine with Automatic
Thread Trimmer

PME-120224

Information

A. Parts Book 구성

Structure of Part Book

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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	01-01340-03		Arm	이동	1	
A-2	01-00730-06		Bed	침대	1	
A-3	01-00730-06		Face Plate	면판	1	
A-4	01-00380-130H		Face Plate Gasket	면판 가스켓	1	
A-5	01-01740-4122		Screw (1/8"×40)	볼트	10	
A-6	01-01010-133B		Rubber Cap For Face Plate	면판 고무패드	2	
A-7	01-00740-133B		Caution Switch	경고 스위치	1	
A-8	01-01010-133B		Turn-up Lever Cover	날개커버	1	
A-9	01-00380-130H		Screw (1/8"×40)	볼트 (1/8"×40)	1	
A-10	01-01740-4122		Bed Cover(L)	침대커버(좌)	1	
A-11	01-01480-130H		Bed Cover (Gasket)	침대커버 가스켓(좌)	1	
A-12	01-00430-130H		Screw (1/8"×40)	볼트 (1/8"×40)	14	
A-13	40-00400-1000		Washer	와셔	2	
A-14	01-01740-4122		Bed Cover(R)	침대커버(우)	1	
A-15	01-01740-130H		Bed Cover (Gasket)(R)	침대커버 가스켓(우)	1	
A-16	44-00110-100H		31 Tank Rubber Cap	고압 탱크 고무패드	1	
A-17	01-00740-133B		Thread Guide with Three Poles	세극용 실선지(조)	15Set	
A-18	01-00740-133B		Thread Guide(L)	좌용 실선지	1	
A-19	01-00740-133B		Screw (1/8"×40)	볼트	2	
A-20	01-00740-133B		Thread Guide(R)	우용 실선지	1	
A-21	01-00740-133B		Arm Thread Guide Assy	이동 실선지 설치용	1	
A-22	11-01730-7000		Nut	너트	1	
A-23	01-00380-130H		Thread Guide(L)	실선지(좌)	1	
A-24	01-00380-130H		Thread Guide(R)	실선지(우)	15Set	
A-25	01-00380-130H		31 Tank Assy	실선지 탱크 장치	1	
A-26	01-00380-130H		31 Tank	실선지 탱크	1	
A-27	01-00380-130H		31 Tank Window	실선지 탱크 창	1	
A-28	01-00380-130H		31 Tank Part	실선지 탱크 부품	1	
A-29	01-00380-130H		Part for 31 Tank (L Supply)	실선지 탱크 부품 (공급)	1	
A-30	01-00380-130H		Screw (1/8"×40)	볼트	1	
A-31	01-00380-130H		Arm Upper Part Rubber Cap	이동 상부 고무패드	2	
A-32	01-00380-130H		Needle Ear Rubber Cap	침바늘 고무패드	1	
A-33	01-00380-130H		Rubber Cap(L)	고압 탱크(좌)	4	
A-34	44-00110-100H		Rubber Cap(R)	고압 탱크(우)	7	
A-35	01-00380-130H		Bed Rubber	침대 고무	1	
A-36	01-00380-130H		Bed Rubber	침대 고무	1	
A-37	01-00380-130H		Model (Sticker)(M)	모델 스티커-중형	1	
A-38	01-00380-130H		Model (Sticker)(M)	모델 스티커-중형	1	
A-39	01-00380-130H		Model (Sticker)(L)	모델 스티커-대형	1	
A-40	01-00380-130H		Model (Sticker)(K)	모델 스티커-소형	1	
A-41	01-00380-130H		Model (Sticker)(K)	모델 스티커-소형	2	
A-42	01-00380-130H		Top Cover	상부 덮개	1	
A-43	01-00380-130H		31 Tank Winder Assy	실선지 탱크	15Set	
A-44	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-45	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	1	
A-46	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-47	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	1	
A-48	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-49	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	2	
A-50	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-51	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	1	
A-52	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-53	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	1	
A-54	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-55	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	1	
A-56	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	
A-57	01-00380-130H		31 Tank Winder (Right Assy)	실선지 탱크 (우)	1	
A-58	01-00380-130H		31 Tank Winder (Left Assy)	실선지 탱크 (좌)	1	

Note: M=Heavy Material(중형), M=Medium Material(중형), MA=Medium Heavy Material(중형), L=Light Material(경형), K=Soft Material(부드러운), EL=Large (Shuttle Model) (대형)

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

⑦품명

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.

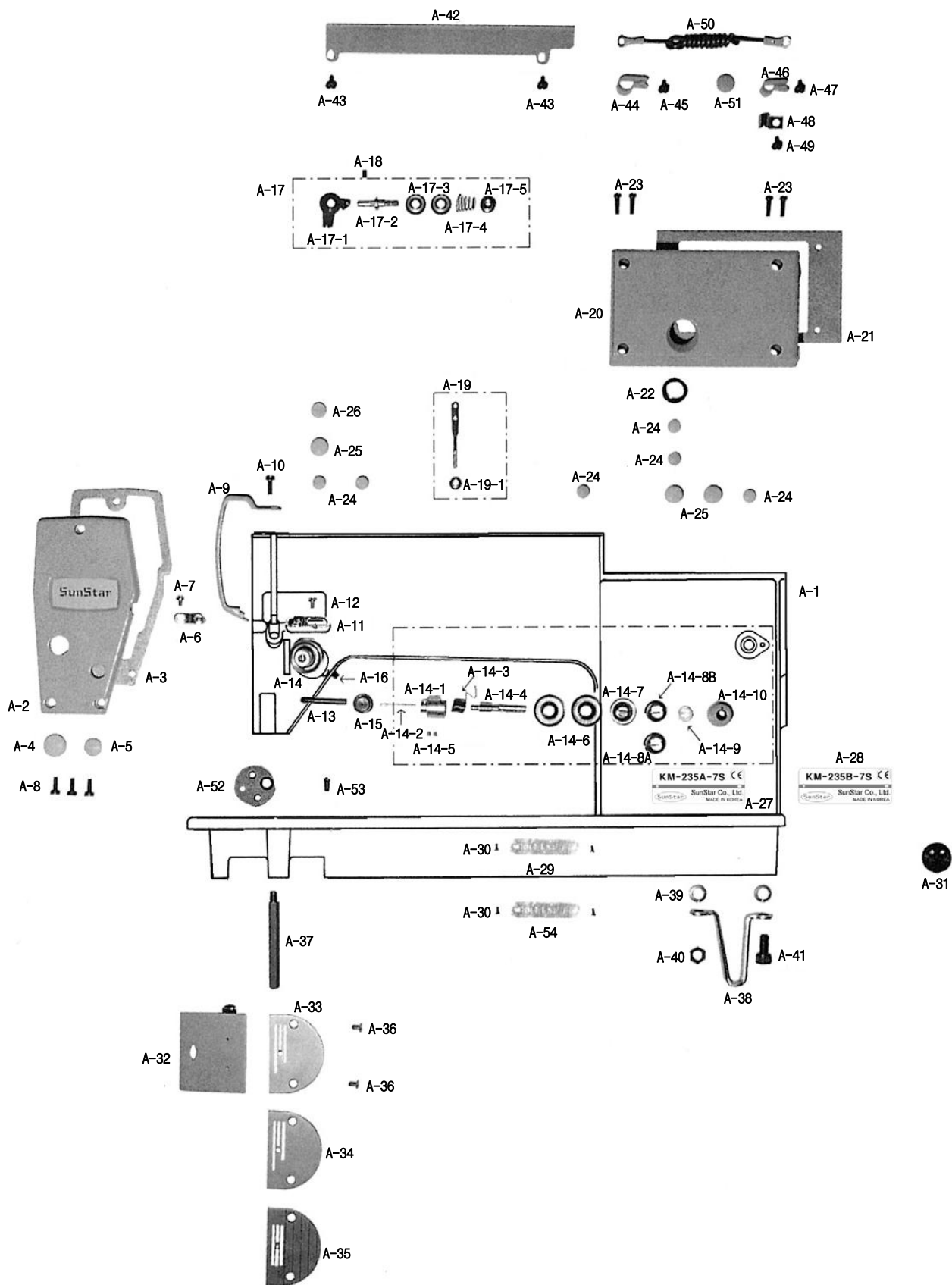
Note

- 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.

CONTENTS

목 차

A	Machine Body & Thread Tension Adjusting Mechanism 외장 및 실장력 조절 관계	6
B	Upper Shaft & Needle Bar, Thread Take-Up, Synchronizer Mechanism 상축, 바늘대, 실채기 & 싱크로나이저 관계	10
C	Upright Shaft & Lower Shaft Mechanism 세운축 및 하축 관계	12
D	Feed Mechanism 피이드 관계	14
E	Presser Bar & Tension Release Mechanism 누름대 및 실 늦추기 관계	20
F	Thread Trimmer Mechanism 사절 관계	24
G	Reverse Button Mechanism 역진 버튼 관계	26
H	Thread Wiper Mechanism 와이프 관계	28
I	Lubrication Mechanism 급유 관계	30
J	Accessories Mechanism 액세서리 관계	32
K	Program Unit Box & Automatic Presser Foot Lifter Mechanism 프로그램 유니트 박스 및 자동 무릎올림 관계	36
	Index 인덱스	48



Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
A-1	AS-015890-12		Arm. Bed Ass'y	아암. 베드(조)	1Set	May.09.11
A-1-1	CAB-AA004605		Arm	암	1	Jun.20.11
A-1-2	CAB-AB003908		Bed	베드	1	May.09.11
	CAB-AB003904		Bed	베드	1	Jan.12.11
	CAB-AB003903		Bed	베드	1	Nov.28.10
A-1-3	DSC-AA003200		Screw	결합볼트(대)	2	
A-1-4	DSC-AA001300		Screw	암베드결합볼트B	1	
A-1-5	DSC-AZ000300		Screw	결합볼트	1	
A-2	CMB-LA018200		Face Plate	면판	1	
A-3	CMB-FC005900		Gasket	면판 패킹	1	
A-4	DPK-CB000900		Face Plate Rubber Cap(L)	면판 고무마개(대) 흰색(3-1)	1	
A-5	DPK-CB000200		Rubber Plug	면판 고무마개(중) 흰색(3)	1	
A-6	CMB-HK000101		Thread Guide Left	면판 실결이	1	Dec.19.11
A-7	DSC-BA000100		Screw(9/64"n=40)	오일펌프 커버 나사(9/64"n=40)	1	
A-8	DSC-BJ000400		Screw(11/64"n=40)	윗뚜껑 침나사(11/64"n=40)	3	
A-9	CMB-LA018000		Cover For Take Up Lever	실채기 커버	1	
A-10	DSC-BF003100		Screw(11/64"n=40)	가마잡이 나사(11/64"n=40)	1	
A-11	CMB-HK000501		Thread Guide For Arm	암 실결이	1	Dec.19.11
A-12	DSC-BA000100		Screw(9/64"n=40)	오일펌프 커버 나사(9/64"n=40)	1	
A-13	DPN-AA014500		Tension Release Pin	실 늦추기 핀	1	
A-14	ATA-PS001303		Tension Adjusting Apparatus Ass'y	실 조절장치(사절용)	1Set	
A-14-1	CTA-BA000200		Tension Barrel	실 조절장치 붓싱	1	
A-14-2	DPN-AA003800		Tension Release Pin	사조자 핀	1	
A-14-3	DSP-BB000200		Check Spring	뽕뽕 스프링	1	
A-14-4	CTA-HM000500		Tension Stud	실 조절장치 축	1	
A-14-5	DSC-CA000200		Set Screw	실 조절장치 축 고정나사	2	
A-14-6	CTA-HL000100		Tension Disk	실 안내 접시	2	
A-14-7	CTA-BJ000100		Tension Release Washer	실 조절 스프링 받침	1	
A-14-8A	DSP-BA001000		Tension Spring	소라 스프링	1	
A-14-8B	DSP-BA002300		Tension Spring	소라 스프링	1	
A-14-9	DPK-CZ000200		Ratchet	실 조절장치 조절와셔	1	
A-14-10	DSN-CD000100		Cap	윗실 장력 조절 캡	1	
A-15	DPK-CZ000200		Packing	누유 방지용 캡	1	
A-16	DSC-CA000100		Screw(15/64"n=28)	피드캡 고정나사(15/64"n=28)	1	
A-17	ATA-PS001201		Supplementary Tension Ass'y	보조 실 조절장치(조)	1Set	
A-17-1	CTA-HK000200		Guide Plate	윗실 안내판	1	
A-17-2	CTA-HM000601		Shaft	보조 실 조절장치 축	1	
A-17-3	CTA-HL000300		Tension Disk	보조 실 조절 접시	2	
A-17-4	DSP-BA000900		Spring	보조 소라 스프링	1	
A-17-5	DSN-CD000400		Nut	보조 실 조절장치 조절 너트	1	
A-18	DSC-CB000300		Screw(11/64"n=40)	하축 베어링 B/S 고정나사(11/64"n=40)	1	
A-19	CMB-HK002000		Guide Bar For Thread	실 안내봉	1	
A-19-1	DSN-AA000100		Nut	세구멍 실결이 너트	1	
A-20	CMB-LA018100		Top Cover	윗 뚜껑	1	
A-21	CMB-FC005800		Gasket	윗 뚜껑 패킹	1	
A-22	CLB-JJ001200		Oil Gauge Window	유창	1	
A-23	DSC-BJ005900		Screw For Top Cover	톱커버 나사(신)	4	
A-24	DPK-CB002900		Robber Plug(Small)	고무마개(소) 회색(5)	6	
A-25	DPK-CB000200		Robber Plug(Large)	면판 고무마개(중) 회색(3)	3	
A-26	DPK-CA000100		Robber Plug	실 늦추기 힌지핀 고무마개	1	
A-27	CMB-LD003200	A	Model Mark	모델마크	1	
A-28	CMB-LD003500	B	Model Mark	모델마크	1	
A-29	01-035P-1230		Machine Number Plate	번호판	1	
A-30	PPN-AD000100		Setting Pin	번호판 핀	4	
A-31	DPK-CC001000		Rubber Plug For Cable	솔레노이드 케이블 안내 고무	1	
A-32	AMB-PS001400		Slide Plate Ass'y	미끄럼판(조)	1Set	
A-33	CGA-GA000200	A	Needle Plate	침판	1	

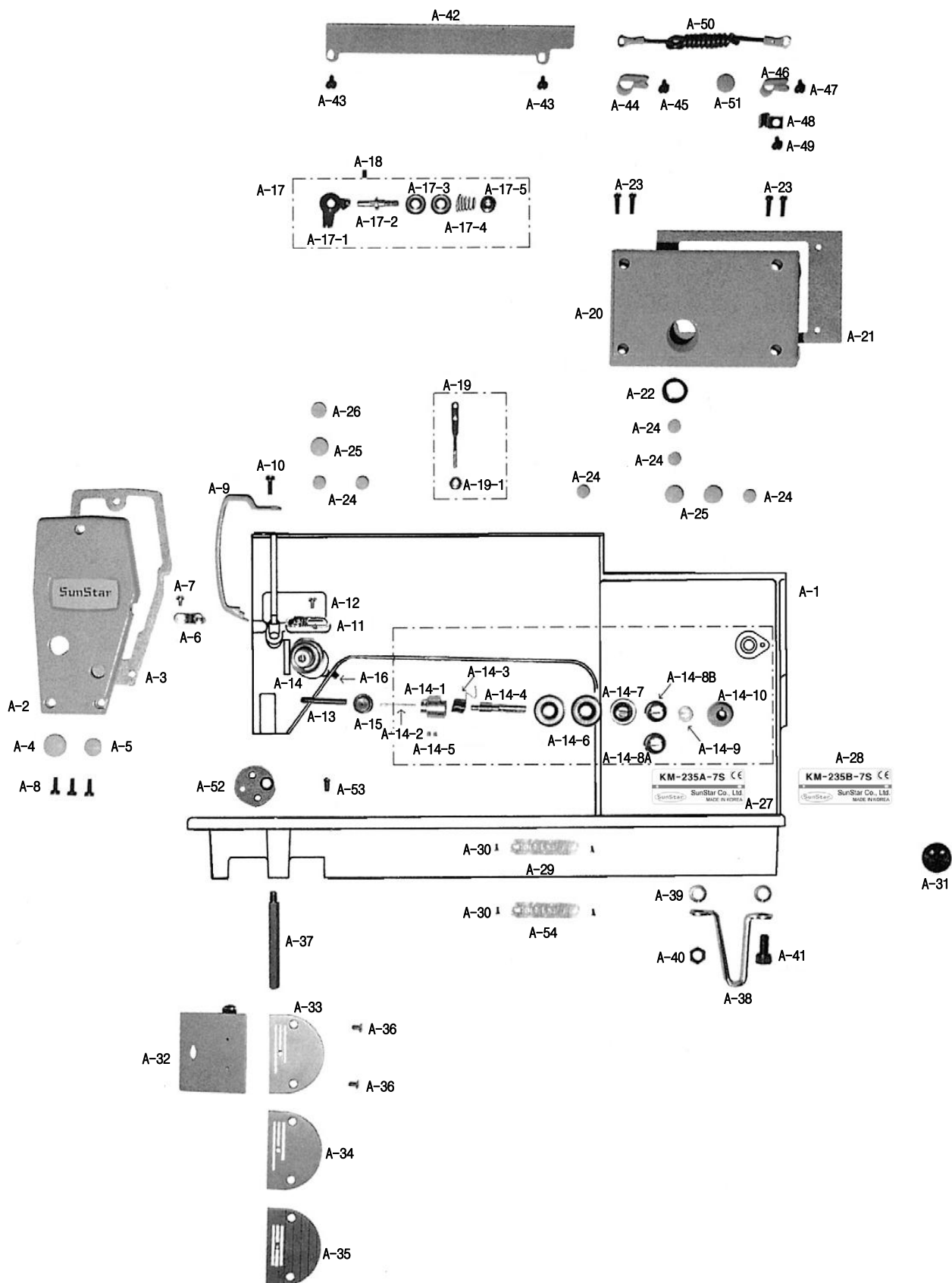
NOTE:

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A

Machine Body & Thread Tension Adjusting Mechanism

외장 & 실장력 조절 관계



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NOTE:

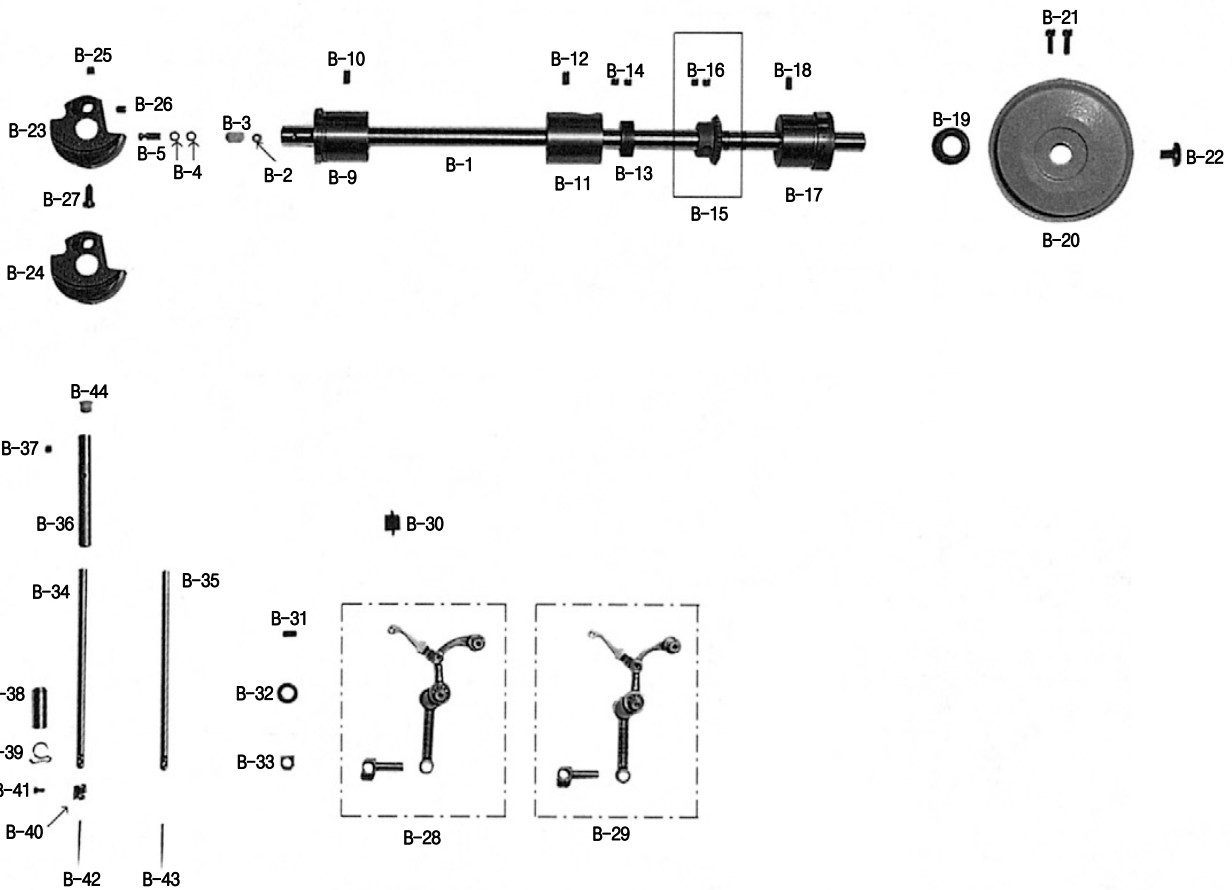
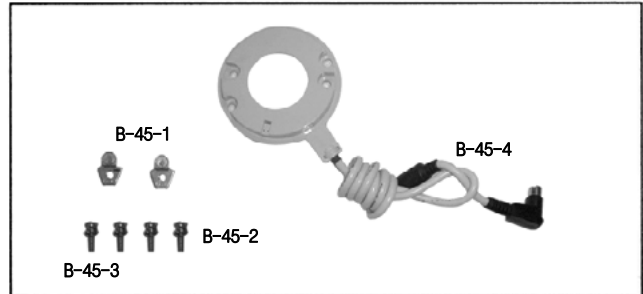
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B

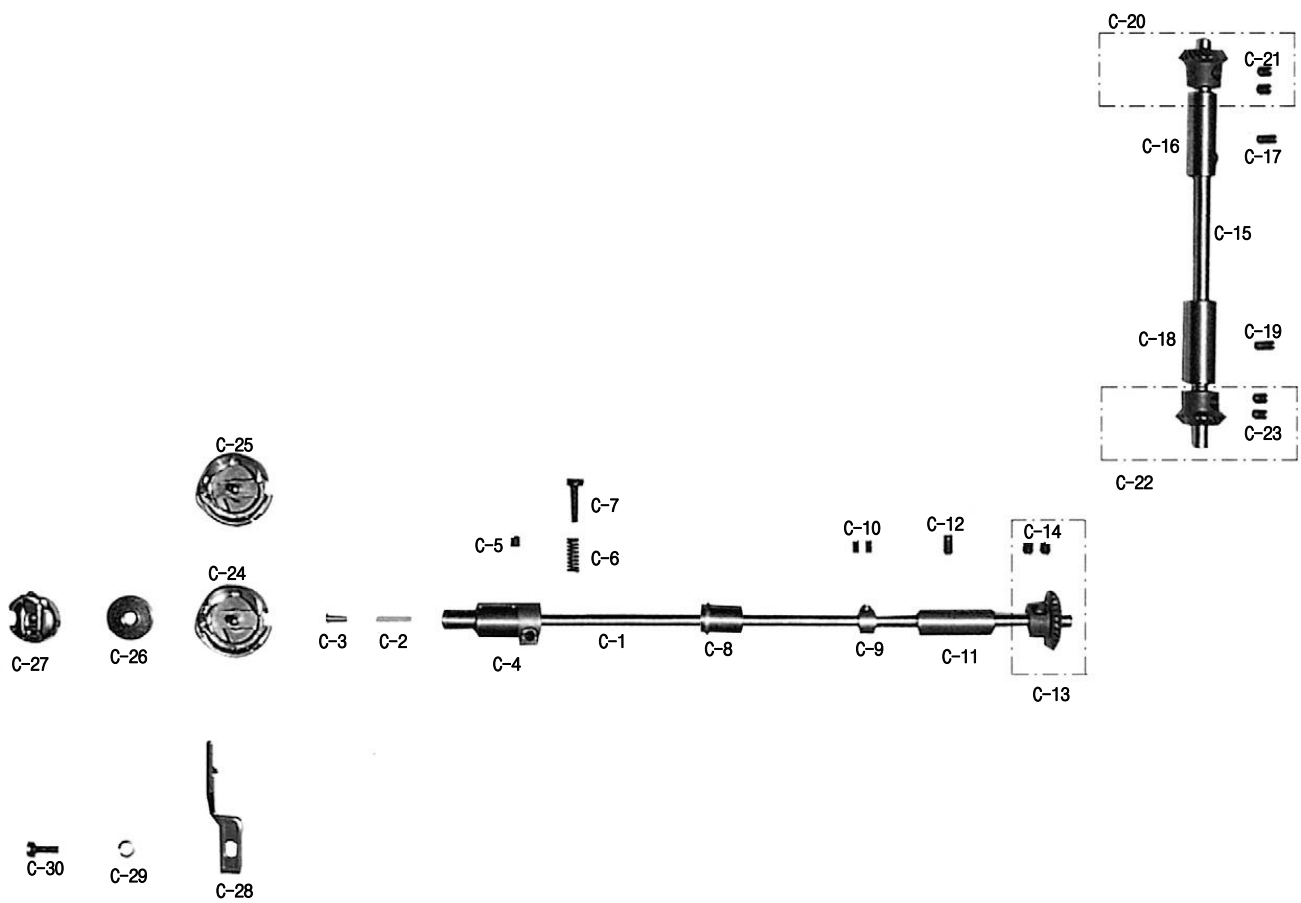
Upper Shaft, Needle Bar, Thread Take-up & Synchronizer Mechanism

상축, 바늘대, 실채기 및 싱크로나이저 관계

B-45



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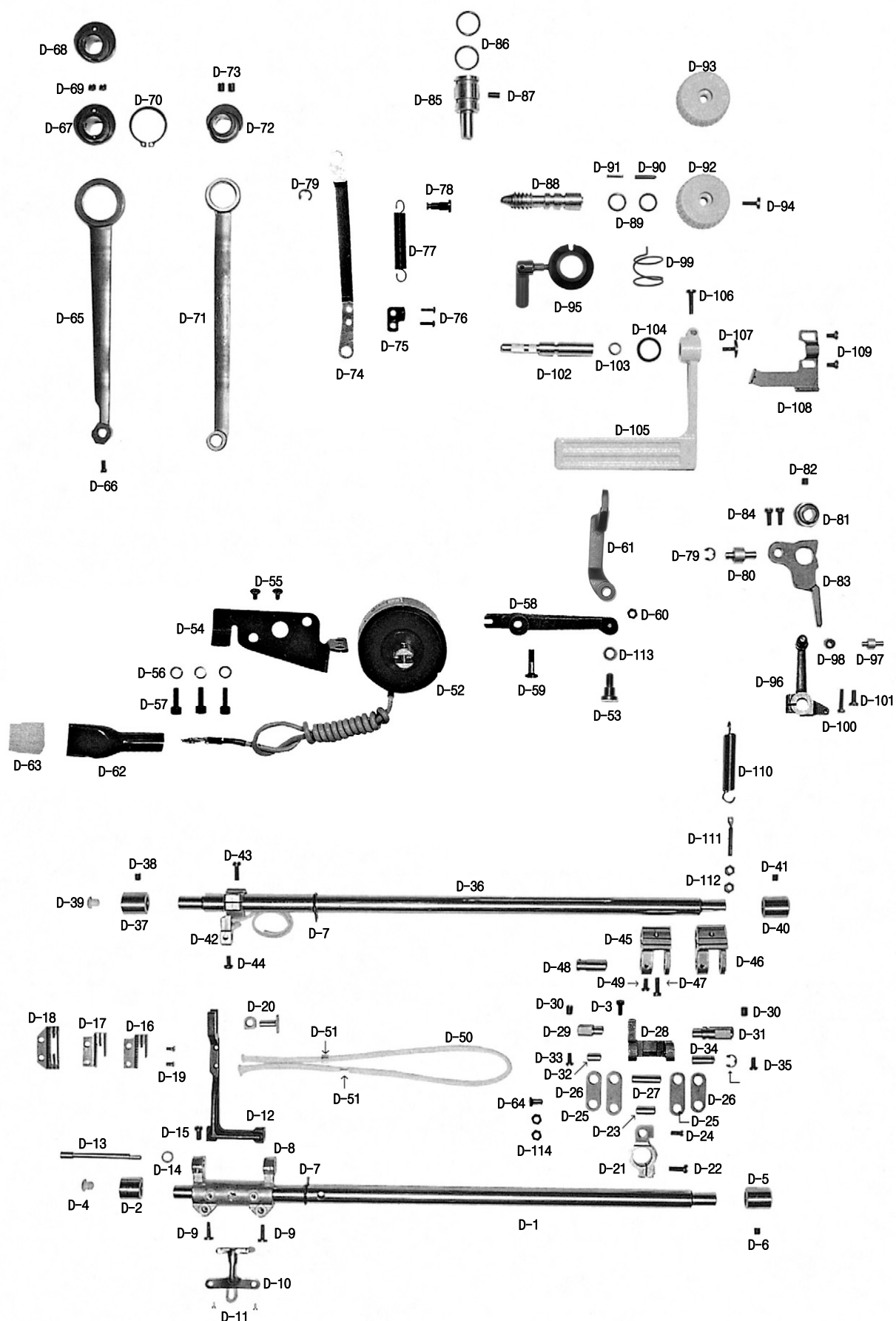


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D

Feed Mechanism

피이드 관계



Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Applied Period
D-1	CLF-KF000200		Feed Roker Shaft	수평 밀대	1	
D-2	DBS-DA006700		Bushing(Front)	수평 밀대 전 붓싱	1	
D-3	DSC-BF003600		Screw(11/64"n=40)	와이롯드 보강판 나사(11/64"n=40)	1	
D-4	DPK-CB002500		Rubber Cap	들밀대 유심마개	1	
D-5	DBS-DA006800		Rear Bushing	들대 붓싱(후)	1	
D-6	DSC-CA000100		Screw(15/64"n=28)	피드캠 고정나사(15/64"n=28)	1	
D-7	CLB-FZ000100		Rubber Flange	들밀대 고무마개	2	
D-8	CLF-CB000700		Feed Rocker	톱니 받침 크랭크	1	
D-9	DSC-BF002600		Screw(3/16"n=32)	톱니 받침 크랭크 점나사(3/16"n=32)	2	
D-10	CLB-BG002300		Retainer Plate For Oil Wick	심지 지지대	1	
D-11	DSC-BF007700		Screw(1/8"n=44)	심지 지지대 나사(1/8"n=44)	2	
D-12	CLF-CR000300		Feed Bar	톱니 받침	1	
D-13	CLF-KH000100		Feed Bar Shaft	톱니 받침 축	1	
D-14	DWS-AA001500		Washer	톱니 받침 축 와셔	1	
D-15	DSC-BF000400		Screw(15/64"n=28)	톱니 받침 축 고정나사(15/64"n=28)	1	
D-16	CGA-GB000501	A	Feed Dog	톱니	1	
D-17	CGA-GB001500	B	Feed Dog	톱니	1	
D-18	GP-019000-00		Feed Dog(AL-Type)	톱니(박물용)	1	
D-19	DSC-BF001800		Screw(1/8"n=44)	톱니 점나사(1/8"n=44)	2	
D-20	CLF-CD000400		Sliding Block and Shaft	톱니 받침 블럭	1	
D-21	CLF-CB000800		Crank(Rear)	수평 밀대 크랭크(후)	1	
D-22	DSC-AA001000		Screw(3/16"n=28)	들대 크랭크(전) 점나사(3/16"n=28)	1	
D-23	DPN-AA000100		Pin(A)	피이드 연결 링크 핀(A)	1	
D-24	DSC-BF006300		Screw(11/64"n=40)	하축 뒷 붓싱 점나사(11/64"n=40)	1	
D-25	CLF-CA000200		Feed Connecting Link(A)	피이드 연결 링크(A)	2	
D-26	CLF-CA000300		Feed Connecting Link(B)	피이드 연결 링크(B)	2	
D-27	DPN-AA003900		Pin(B)	피이드 연결 링크 핀(B)	1	
D-28	CFA-CA000300		Feed Regulator Link	피이드 조절 링크	1	
D-29	DPN-BC001100		Hinge Pin(B)	피이드 조절 링크 힌지 핀(B)	1	
D-30	DSC-CA001100		Screw(1/4"n=40)	실채기 핀 고정나사(1/4"n=40)	2	
D-31	DPN-BC001000		Hinge Pin(A)	피이드 조절 링크 힌지 핀(A)	1	
D-32	DPN-AA004000		Pin(C)	피이드 연결 링크 핀(C)	1	
D-33	DSC-BF003600		Screw(11/64"n=40)	와이 롯드 보강판 나사(11/64"n=40)	1	
D-34	DPN-AA004100		Hinge Pin	피이드 조절 연결 롯드 힌지 핀	1	
D-35	DSC-BF003600		Screw(11/64"n=40)	와이 롯드 보강판 나사(11/64"n=40)	1	
D-36	CLF-KF000100		Feed Lifting Shaft	들대	1	
D-37	DBS-DA007100		Front Bushing	들대 붓싱(전)	1	
D-38	DSC-CA000100		Screw(15/64"n=28)	들대전부싱 고정나사(15/64"n=28)	1	
D-39	DPK-CB002500		Rubber Cap	들밀대 유심마개	1	
D-40	DBS-DA006800		Rear Bushing	들대 붓싱(후)	1	
D-41	DSC-CA000100		Screw(15/64"n=28)	피드 캠 고정나사(15/64"n=28)	1	
D-42	CLF-CB000500		Feed Lifting Bell Arm	들대 크랭크(전)	1	
D-43	DSC-AA001000		Screw(3/16"n=28)	들대 크랭크(전) 고정나사(3/16"n=28)	1	
D-44	DSC-BF007900		Screw(3/16"n=32)	톱니 받침 블럭 고정나사(3/16"n=32)	1	
D-45	CLF-CB000600	A	Rear Crank	들대 크랭크(후)	1	
D-46	CLF-CB003100	B	Rear Crank	들대 크랭크(후)	1	
D-47	DSC-AA001000		Screw(3/16"n=28)	들대 크랭크(전) 고정나사	1	
D-48	DPN-AA003600		Hinge Pin	들밀대 크랭크 핀	1	
D-49	DSC-BF003600		Screw(11/64"n=40)	와이롯드 보강판 나사(11/64"n=40)	1	
D-50	CLB-JD000300		Oil Wick	오일 심지	1	
D-51	CLB-BG005300		Holder For Oil Wick	오일 심지 스토퍼	2	
D-52	06-048A-2507		Reverse Feed Solenoid Ass'y	역진 솔레노이드(SBT-5)	1	
D-53	DSC-FA008600		Stud Screw For Connecting Rod	역진 솔레노이드 연결롯드 스터드나사	1	
D-54	CFA-BB000200		Bracket For Reverse Feed Solenoid	역진 솔레노이드 브라켓	1	
D-55	DSC-BB001500		Screw(M5×0.8)	역진 솔레노이드 부착나사(M5×0.8)	2	
D-56	PWS-CA000500		Spring Washer For Bracket	싱크로 베이스 스프링 와셔(×6)	3	
D-57	PSC-AC000600		Screw(M6)	싱크로 베이스 고정볼트(M6)	3	

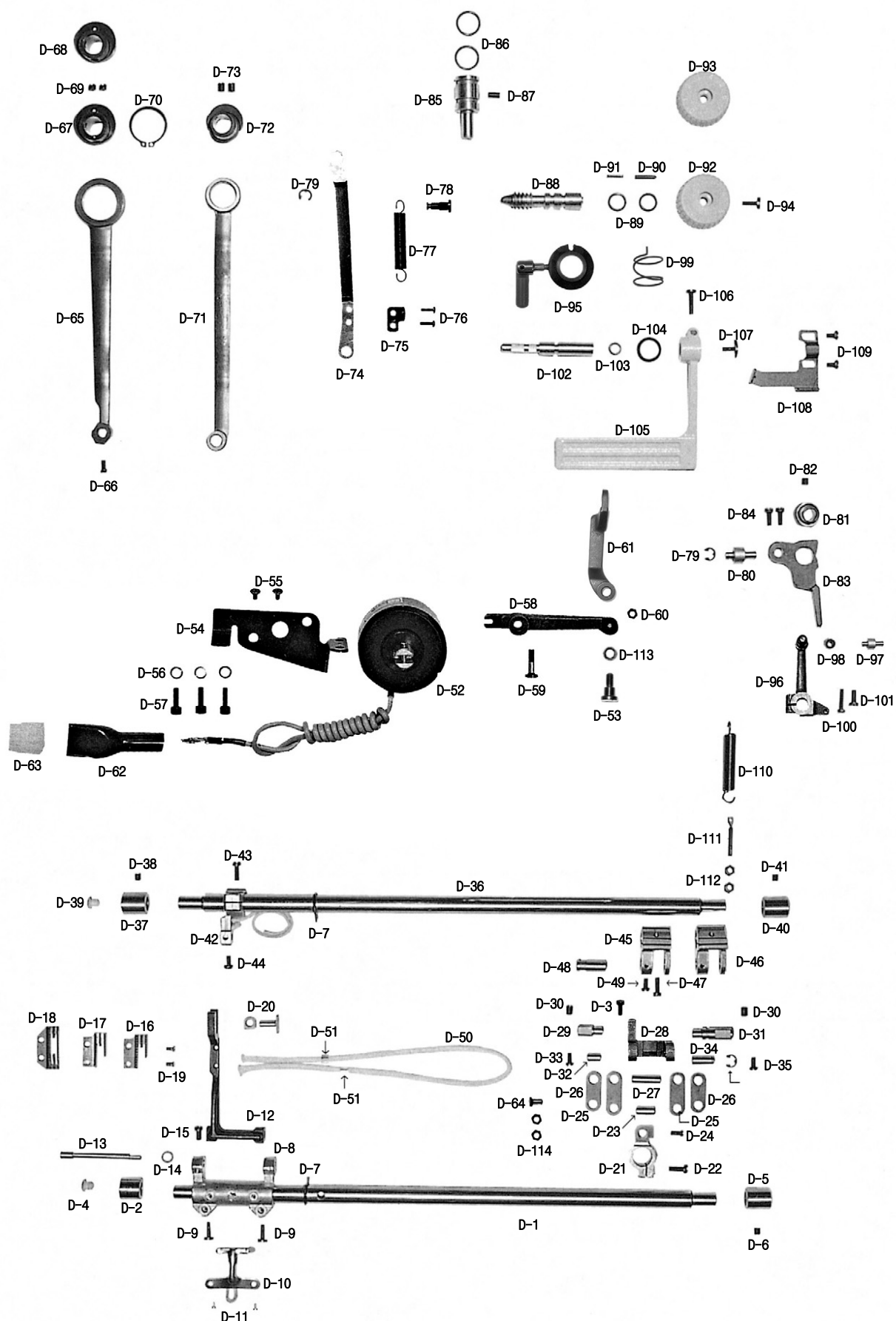
NOTE:

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Feed Mechanism

피이드 관계



Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
D-58	CFA-CB000400		Reverse Feed Solenoid Crank	역진 솔레노이드 크랭크	1	
D-59	DSC-FA006300		Stud Screw For Solenoid Crank	역진 솔레노이드 크랭크 단나사	1	
D-60	PSN-AA001700		Hinge Nut For Connecting Rod	케이블 연결너트(B)	1	
D-61	CFA-CC000302		Reverse Solenoid Connecting Rod	역진 솔레노이드 연결로드	1	Apr.29.11
D-62	11-019M-2350		Tube	솔레노이드 튜브	1	
D-63	11-018M-2350		Plug	솔레노이드 플러그	1	
D-64	DPN-AD011300		Hinge Pin For Connecting Rod	역진 솔레노이드 연결로드 힌지핀	1	
D-65	CLF-CC000100		Feed Rocker Shaft Connecting Rod	수평 이송 로드	1	
D-66	DSC-BF006300		Screw(11/64"n=40)	하측뿔 B/S 점나사(11/64"n=40)	1	
D-67	CLF-DC001700	A	Feed Cam(A)	피이드 캠(A)	1	
D-68	CLF-DC002200	B	Feed Cam(B)	피이드 캠(B)	1	
D-69	DSC-CA001900		Screw(1/4"n=40)	기어나사(5-16) (1/4"n=40)	2	
D-70	PSR-AA000400		Stopper C-Ring	스냅링(φ28)	1	
D-71	CLF-CC000200		Crank Rod Complete	크랭크 로드	1	
D-72	CLF-DC001801		Feed Cam(C)	피이드 캠(C)	1	Feb.24.12
D-73	DSC-CA001100		Screw(1/4"n=40)	실채기 핀 고정나사(1/4"n=40)	2	
D-74	CFA-CC000200		Connecting Rod For Feed Regulator	피이드 조절 로드	1	
D-75	CFA-BJ000300		B/T Spring Holder	자동 역진 스프링 홀더	1	
D-76	DSC-BJ000300		Screw(9/64"n=40)	톱카바 나사(우)(9/64"n=40)	2	
D-77	DSP-AB004800		Reverse Feed Spring	역진 레버 스프링	1	
D-78	DSC-FH000500		Holder For Reverse Feed Spring	자동 역진 스프링 걸이	1	
D-79	PSR-AC000200		E-Ring	E-링(φ5)	3	
D-80	CFA-KF000300		Feed Adjusting Shaft	피이드 조절축	1	
D-81	DCL-AA002800		Collar	피이드 조절기 축 카라	1	
D-82	DSC-CA000500		Screw(1/4"n=40)	홈볼이 멈춤나사(1/4"n=40)	1	
D-83	CFA-DF000101		Feed Regulating	피이드 조절기	1	
D-84	DSC-BF001000		Screw(11/64"n=40)	홈볼이 납작 작은나사(11/64"n=40)	2	
D-85	CFA-KF000201		Shaft	피이드 조절기 축	1	
D-86	PPK-BA000800		O-Ring	피이드 조절기 붓싱 오링	2	
D-87	DSC-CA000800		Screw(15/64"n=28)	상측 B/S 고정나사(15/64"n=28)	1	
D-88	CFA-KJ001100		Feed Regulator Dial Shaft	피이드 조절 다이알축	1	
D-89	PPK-BA000900		O-ring	다이알 축 오링	2	
D-90	DPN-AA014100		Dial Pin	다이알 핀	1	
D-91	DSP-AA002800		Feed Regulator Dial Spring	다이알 스프링	1	
D-92	CFA-CQ001100		Feed Regulating Dial-Insert Type	다이알 판(조)	1	
D-93	CFA-CQ001300		Feed Regulating Dial-Insert Type	다이알 판(조)	1	
D-94	DSC-BF001900		Screw(3/16"n=28)	다이알 판 고정나사(3/16"n=28)	1	
D-95	AFA-PS000100		Dial Shaft Locker A'ssy	다이알축 잠금장치(조)	1Set	
D-95-1	CFA-BN000100		Dial Shaft Holder	다이알축잡이	1	
D-95-2	CFA-BN000200		Dial Shaft Holder Body	다이알축잡이몸체	1	
D-95-3	CFA-BM000100		Dial Shaft Stopper	다이알축스토퍼	1	
D-95-4	CFA-CM000300		Dial Shaft Stopper Handle	다이알축스토퍼 손잡이	1	
D-95-5	PPN-AF001000		Spring Pin	스프링핀_φ2.5xL10	1	
D-96	CFA-CB000300		Feed Regulator Arm	역진 레버 크랭크(조)	1Set	
D-97	DPN-BC003900		Pin	역진 레버 크랭크 로울러 핀	1	
D-98	CFA-CL000200		Roller	역진 레버 크랭크 로울러 고무	1	
D-99	DSP-AA005200		Spring	다이알축 편심스프링	1	
D-100	DSC-BA000400		Screw(3/16"n=28)	수평밀대 크랭크 점나사(3/16"n=28)	1	
D-101	DSC-BF003100		Screw(11/64"n=40)	가마잡이 나사(11/64"n=40)	1	
D-102	CFA-KF000100		Shaft	역진 레버축	1	
D-103	PPK-BA000700		Packing	레버축 오링	1	
D-104	DWS-CB000200		Corrugated Washer	레버 와셔	1	
D-105	CFA-CM001300		Reverse Feed Control Lever	역진 레버	1	
D-106	DSC-BA001400		Screw(3/16"n=32)	역진 레버 고정나사(3/16"n=32)	1	
D-107	DSC-BJ002400		Screw(3/16"n=32)	레버 덮개 나사(3/16"n=32)	1	
D-108	CFA-BB001300		Stopper	역진 레버 스토퍼	1	
D-109	DSC-BJ003500		Screw(11/64"n=40)	솔레노이드 부착 커버 고정나사(11/64"n=40)	2	

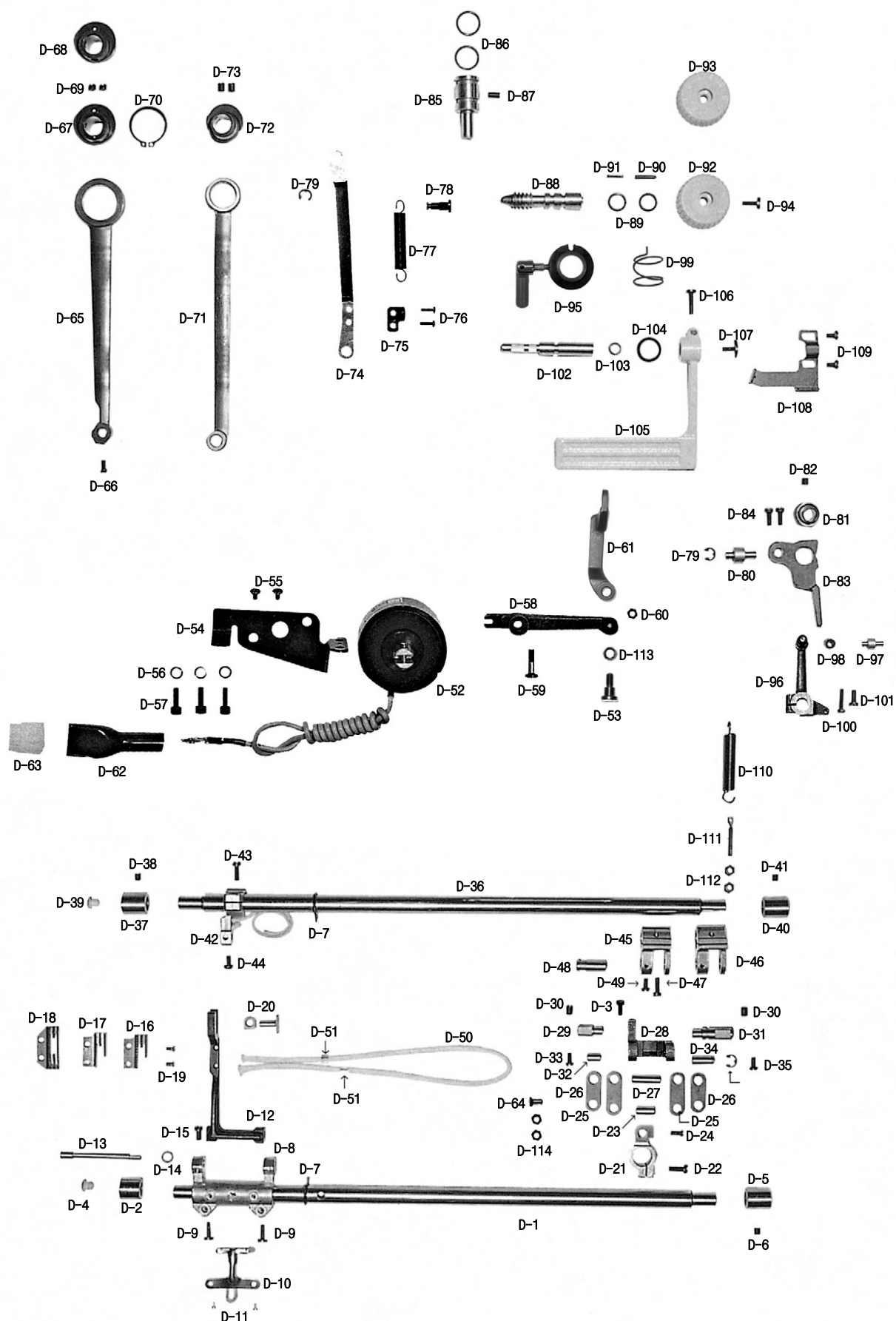
NOTE:

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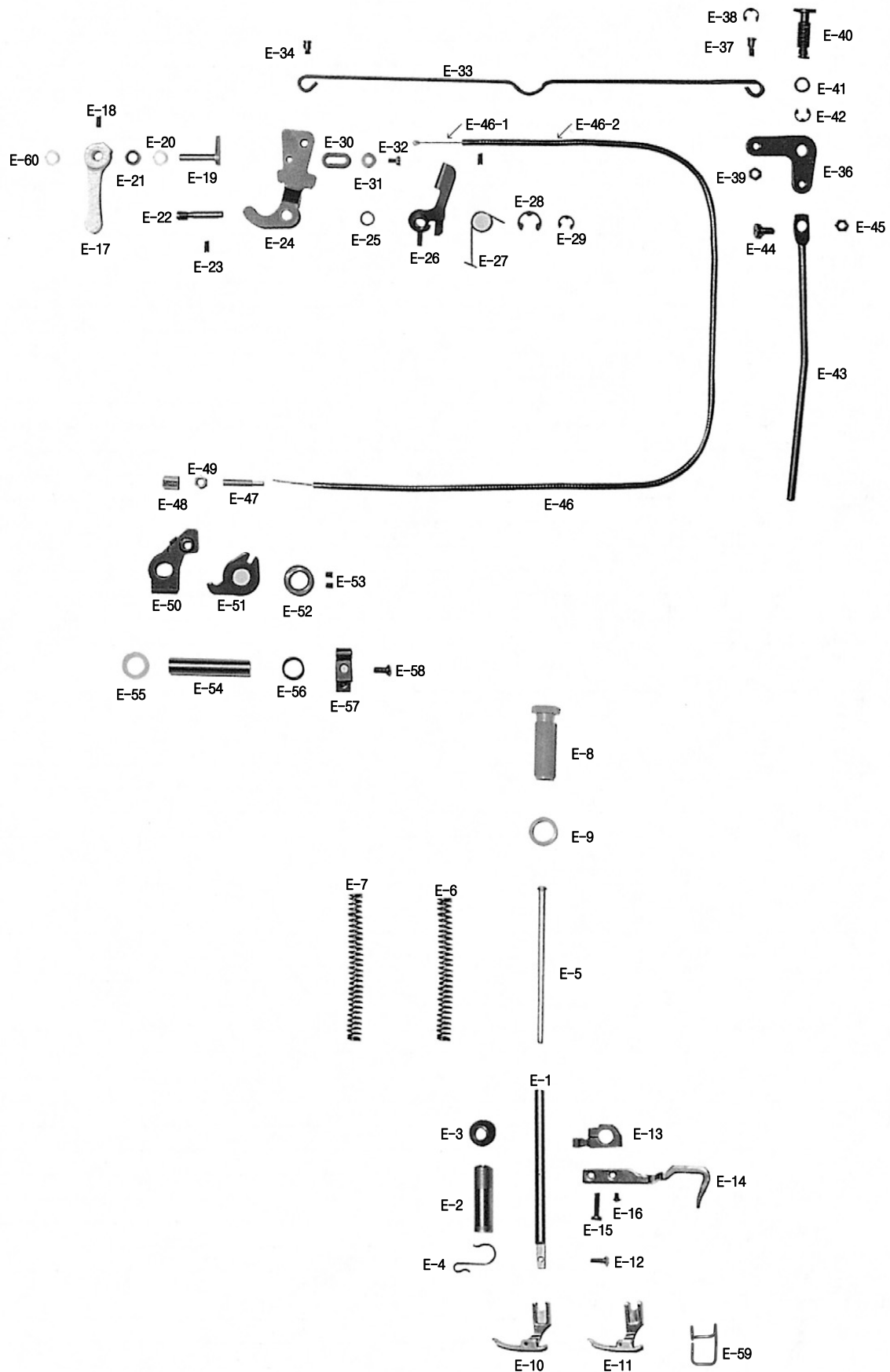
Feed Mechanism

피이드 관계



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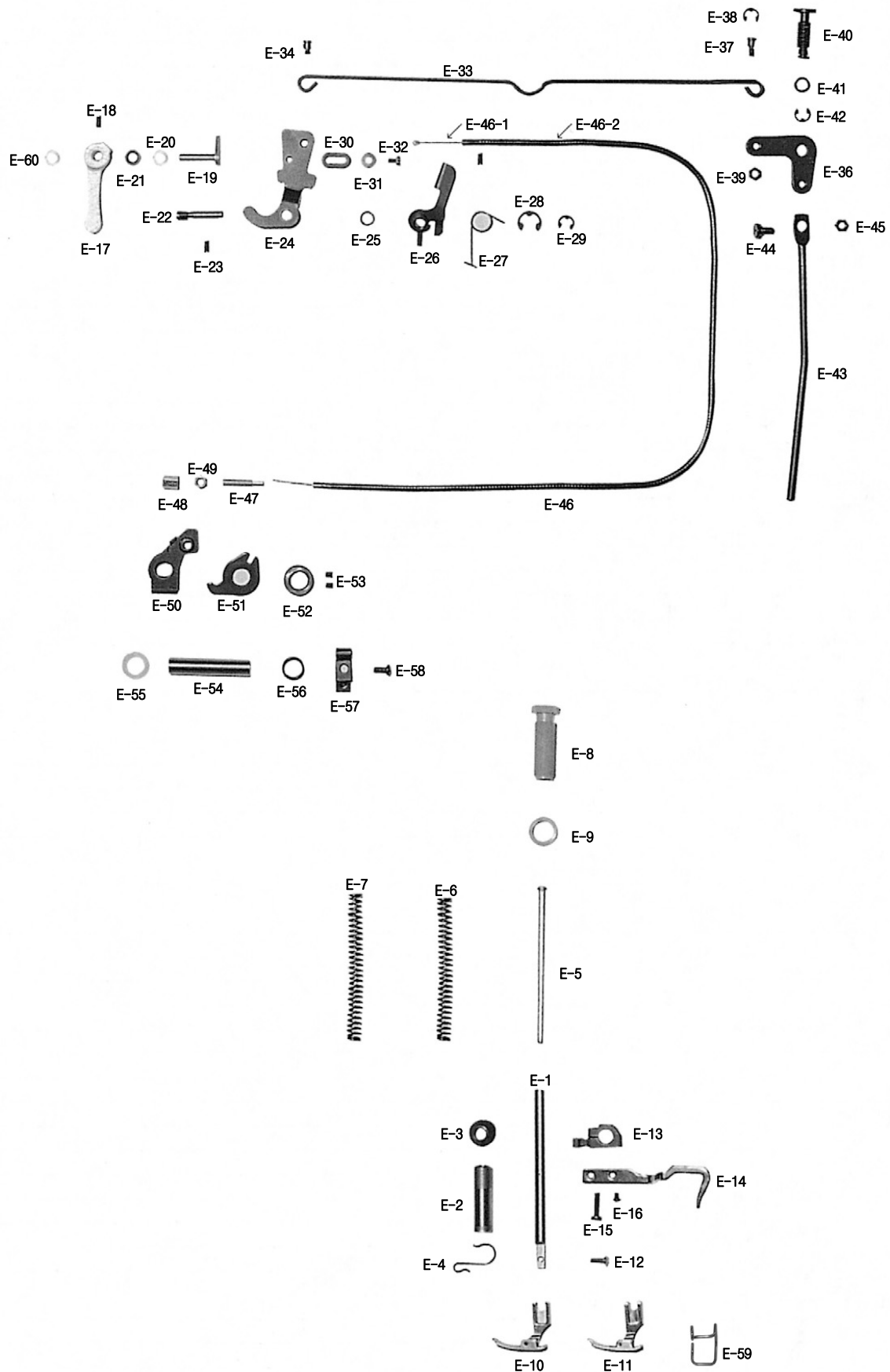
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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
E-1	CPB-KB000100		Presser Bar	누름대	1	
E-2	DBS-DA018200		Bushing	누름대 붓싱	1	
E-3	DPK-CZ000600		Rubber Cap	누름대 붓싱 캡	1	
E-4	CLB-BH000300		Retainer For Oil Tube	환류 파이프 잡이	1	
E-5	CPB-KC000300		Presser Regulator Bar	압력 조절봉	1	
E-6	DSP-AA010300	A	Presser Regulation Spring	압력 조절 스프링	1	
E-7	DSP-AA010800	B	Presser Regulation Spring	압력 조절 스프링	1	
E-8	DSC-HA000100		Screw(9/16"n=20)	압력 조절나사(9/16"n=20)	1	
E-9	DSN-CC000100		Presser Adjusting Nut	압력 조절나사 너트	1	
E-10	CGA-GC000701	A	Hinged Foot Complete	노루발(조)	1Set	
E-11	AGA-PS002200	B	Hinged Foot Complete	노루발(조)	1Set	
E-12	DSC-BA000200		Screw(9/64"n=40)	홈볼이 냄비 작은나사(9/64"n=40)	1	
E-13	CPB-BF000400		Holder	누름대 잡이	1	
E-14	CPB-HK000101		Thread Guide For Frame	실걸이 판	1	
E-15	DSC-BF001200		Screw(11/64"n=40)	가마잡이 나사(11/64"n=40)	1	
E-16	DSC-BJ001400		Screw(9/64"n=40)	윗뚜껑 고정판 고정나사(9/64"n=40)	1	
E-17	CPB-CM000300		Presser Bar Lifter Lever	누름대 올리기	1	
E-18	DSC-BJ000300		Screw(11/64"n=40)	톱니 커버 나사(우)	1	
E-19	CPB-DF000700		Cam Shaft	누름대 올림기 캠축	1	
E-20	DWS-AA003800		Felt Washer	상축 felt 와셔	1	
E-21	DWS-AA003800		Washer	실 낮추기 축 와셔	1	
E-22	CTR-KC000500		Shaft	실 낮추기 축	1	
E-23	DSC-CB000300		Screw(11/64"n=40)	하축 중 베어링 고정나사(11/64"n=40)	2	
E-24	CPM-CM002300		Knee Lifter Plate	노루발 인상판	1	
E-25	PWS-AA003500		Washer	실 낮추기 축 와셔	1	
E-26	ATR-PS000200		Thread Tension Release Plate	실 낮추기(조)	1	
E-27	DSP-AC005800		Spring	실 낮추기 스프링	1	
E-28	PSR-AC000800		E-Ring	실 낮추기 안내 붓싱 E링(Φ8)	1	
E-29	PSR-AC000200		E-Ring	E-링(Φ5)	1	
E-30	CTR-BB001100		Stopper	실 낮추기 스토퍼	1	
E-31	DWS-AA000500		Washer	실 낮추기 스토퍼 와셔	1	
E-32	DSC-AA003300		Screw(9/64"n=40)	실 낮추기 스토퍼 점나사(9/64"n=40)	1	
E-33	CPM-BH000900		Connecting Rod	누름대 올리기 연결봉	1	
E-34	SC-001912-00		Hinge Screw For Knee Lifter Plate	누름대 올리기 연결봉 단나사	1	
E-36	CPM-CA001700		Knee Lifting Link	무릎 올림 링크	1	
E-37	DSC-FF002300		Hinge Screw	누름대 올리기 연결봉 단나사(대)	1	
E-38	PSR-AC000200		E-Ring	E-링(Φ5)	1	
E-39	DSN-AA000600		Nut(3/16"n=32)	오프너 너트(3/16"n=32)	1	
E-40	DSC-FH000900		Hinge Screw	무릎 올림 링크 한지나사	1	
E-41	PPK-BA000500		O-Ring	역진 레버 축 오링	1	
E-42	PSR-AC000200		E-Ring	E-링(Φ5)	1	
E-43	CPM-CR000901		Knee Lifting Rod	무릎 올림 봉	1	
E-44	DSC-FA018800		Hinge Screw	무릎 올림 봉 단나사	1	
E-45	DSN-AA000600		Nut(3/16"n=32)	오프너 너트(3/16"n=32)	1	
E-46	ATR-PS000300		Tension Release Cable	실 낮추기 케이블(조)	1Set	
E-46-1	AS-000042-00		Wire Rope	와이어 로우프	1	
E-46-2	AS-000042-00		Cable	실 낮추기 케이블	1	
E-47	DSC-HZ001100		Connecting Bolt	케이블 연결 볼트	1	
E-48	DSN-AA002400		Nut(A)	케이블 연결 너트(A)	1	
E-49	PSN-AA001700		Nut(B)	케이블 연결 너트(B)	1	
E-50	CTR-CM001200		Operating Lever For Thread Release	실 낮추기 작동 레버	1	
E-51	CTR-CM001300		Cam Driving Lever	캠 접축 레버	1	
E-52	DCL-AA008200		Collar	캠 접축 카라	1	
E-53	DSC-CB000700		Screw(M5)	캠 접축 카라 고정나사(M5)	1	
E-54	CTR-BQ000200		Pipe For Thread Release Lever	실 낮추기 레버 파이프	1	
E-55	DWS-AA016700		Flat Washer	평 와셔	1	
E-56	PPK-BA000900		O-Ring	오링(P11)	1	

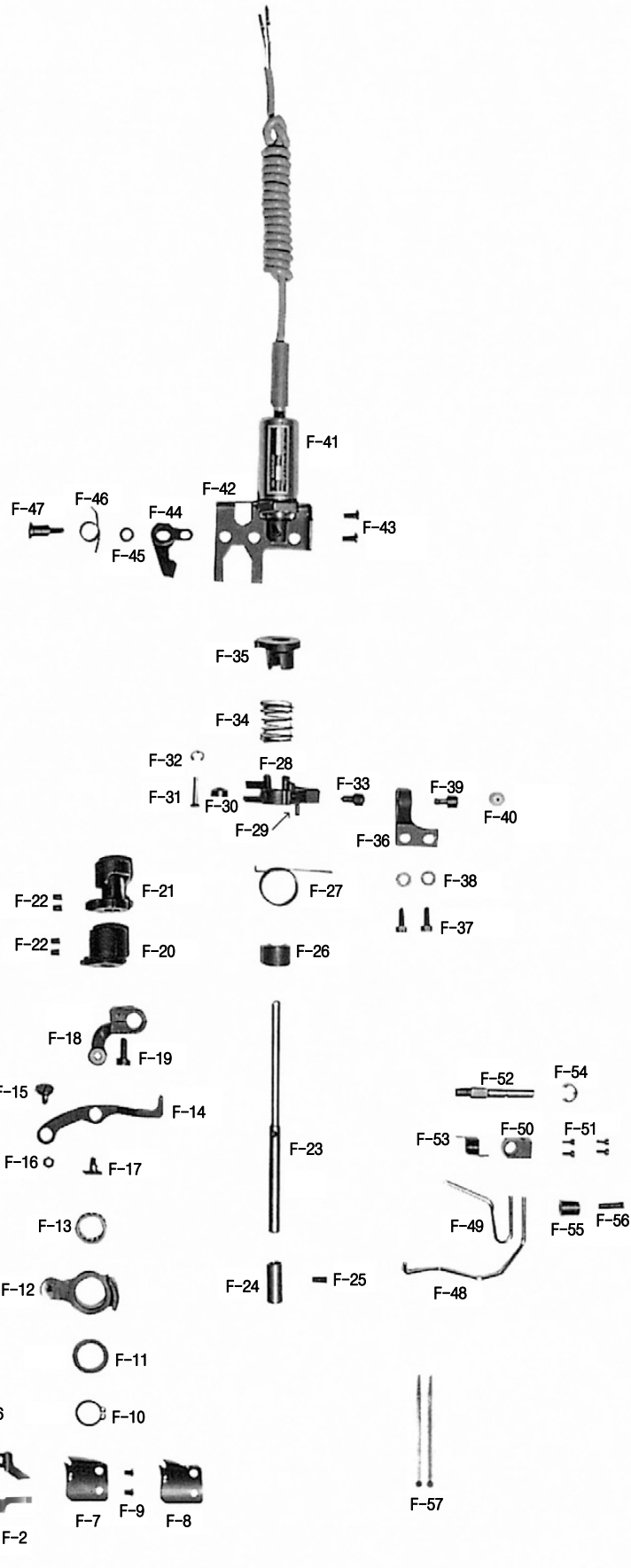
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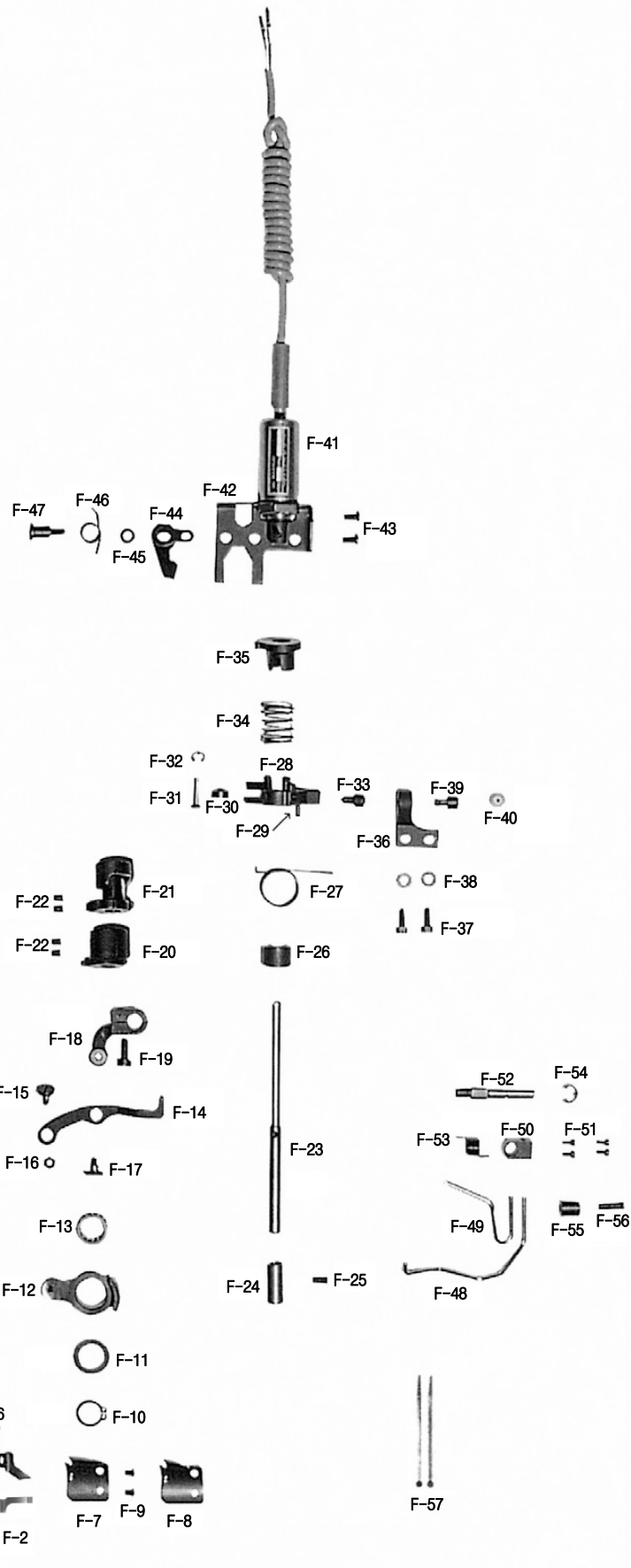
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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
F-1	CTT-NB000901		Fixed Mes	고정메스	1	
F-2	DSC-BB002000		Screw(9/64"n=40)	고정메스 고정나사(9/64"n=40)	1	
F-3	DSC-BF006200		Screw(1/8"n=40)	고정메스 장력 조절나사(1/8"n=40)	1	
F-4	DSN-AA001700		Nut(1/8"n=40)	고정메스 장력 조절나사 너트(1/8"n=40)	1	
F-5	CTT-BJ001100		Thread Detachable Plate	실 가리개	1	
F-6	DSC-BJ003500		Screw(11/64"n=40)	솔레노이드 부착 커브 고정나(11/64"n=40)	1	
F-7	CTT-NA000600	A	Rotary Mes	회전메스	1	
F-8	CTT-NA001000	B	Rotary Mes	회전메스	1	
F-9	DSC-BB001400		Screw(11/64"n=40)	회전메스 고정나사(11/64"n=40)	2	
F-10	PSR-AA000100		Stopper C-Ring	스냅링(Φ15)	1	
F-11	DWS-AA005100		Washer	사절 홀더 와셔	1	
F-12	CTT-BF001700		Holder	사절 홀더	1	
F-13	PBR-BA001200		Needle Bearing	니들 베어링	1	
F-14	CTT-CA001700		Connecting Link	연결 링크	1	
F-15	DSC-FA019400		Pivot Screw	연결 링크 단나사(대)	1	
F-16	DSN-AA000900		Nut(11/64"n=40)	S/P 절이축 나사 너트(11/64"n=40)	1	
F-17	DSC-FA019300		Pivot Screw	연결 링크 단나사(소)	1	
F-18	CTT-CM002900		Thread Trimmer Lever	사절 레버	1	
F-19	DSC-BF000700		Screw(15/64"n=28)	베이스 고정나사 B(15/64"n=28)	1	
F-20	CTT-DF000501		Reversal Cam	역전캠(K1895)	1	Dec.29.10
F-21	DGR-AA003002		Thread Trimmer Gear Assembly	사절 기어(조)	1set	Aug.09.11
	DGR-AA003001		Thread Trimmer Gear Assembly	사절 기어(조)	1set	Feb.01.11
F-22	DSC-CB000500		Screw(15/64"n=28)	캠 접촉안내 고정나사(15/64"n=28)	4	
F-23	CTT-KF000700		Thread Trimmer Shaft	사절 축	1	
F-24	DBS-DA020000		Bushing	사절 축 붓싱	1	
F-25	DSC-CA000800		Screw(15/64"n=28)	상축 B/S 고정나사(15/64"n=28)	1	
F-26	CTT-BN000500		Spring Guide	스프링 안내	1	
F-27	DSP-AC006401		Spring	스토퍼 레버 스프링	1	Oct.24.11
F-28	CTT-CM003100		Stopper Lever	스토퍼 레버	1	
F-29	PPN-AF003000		Stopper Pin	스토퍼 핀(3×14)	1	
F-30	DCL-BB002500		Collar	스토퍼 레버 카라	1	
F-31	DPN-AD009200		Collar Shaft	스토퍼 레버 카라 축	1	
F-32	PSR-AC000300		Stop Ring	인상판 E링(Φ4)	1	
F-33	DSC-AC002200		Screw(1/4"n=40)	스토퍼 레버 고정나사(1/4"n=40)	1	
F-34	DSP-AA010400		Spring	사절구동기어(B)스프링	1	
F-35	DGR-AA003101		Thread Trimmer Gear "B"	사절구동기어(B)(K1896)	1	Feb.01.11
F-36	CTT-BB002900		Stopper	스토퍼(K1886)	1	
F-37	DSC-AA003000		Screw(3/16"n=32)	스토퍼 찰나사(3/16"n=32)	2	
F-38	DWS-AA000600		Washer	스토퍼 찰 와셔	2	
F-39	CTT-FD000300		Cushion Rubber (A)	스토퍼 쿠션 고무	1	
F-40	CTT-FZ000100		Cushion Rubber	쿠션 고무	1	
F-41	10-044A-2700		Trimmer Solenoid Assembly	사절 솔레노이드(조)	1Set	
F-42	CTT-BB003100		Solenoid Base	솔레노이드 받침	1	
F-43	DSC-BA000700		Screw(3/16"n=32)	톱니 받침 볼력 고정나사(3/16"n=32)	2	
F-44	CTT-CM003000		Clutch Lever	클러치 레버	1	
F-45	DWS-AA000600		Washer	스토퍼 찰 와셔	1	
F-46	DSP-AC006500		Spring	클러치 스프링	1	
F-47	DSC-FA019000		Pivot Screw	클러치 레버 단나사	1	
F-48	CTT-BH000101		Bobbin Presser Bar	보빈 압력봉	1	
F-49	CTT-BH000600		Lever	레버	1	
F-50	CTT-BF000200		Holder	레버잡이	1	
F-51	DSC-BF000100		Screw(1/8"n=44)	바늘대 실걸이 찰나사(1/8"n=44)	4	
F-52	DSC-HC000400		Bed Leg Rear	베드 받침(전)	1	
F-53	DSP-AC001700		Spring	보빈 압력 스프링	1	
F-54	PSR-AC000500		E-Ring(Φ6)	E링(Φ6)	1	
F-55	CTT-FD000100		Stopper Rubber	보빈 압력봉 스토퍼	1	
F-56	DSC-CA001500		Screw(15/64"n=28)	폴리 고정나사(15/64"n=28)	1	

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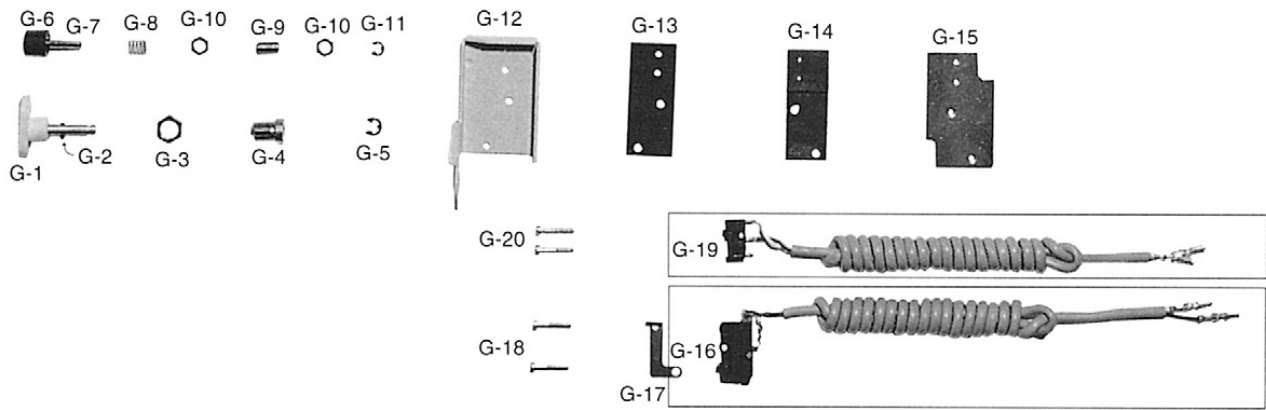
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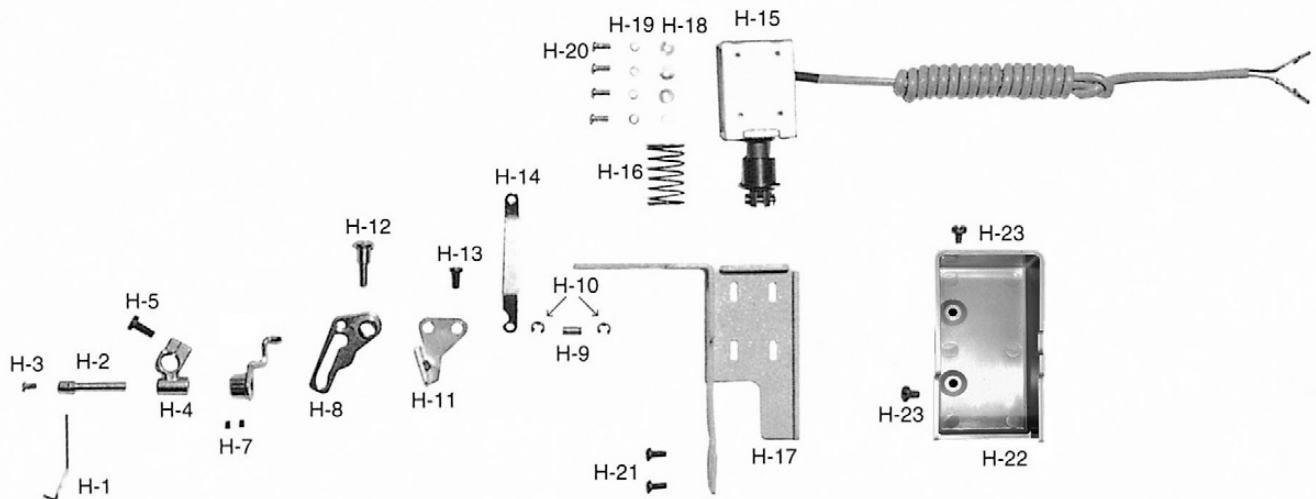
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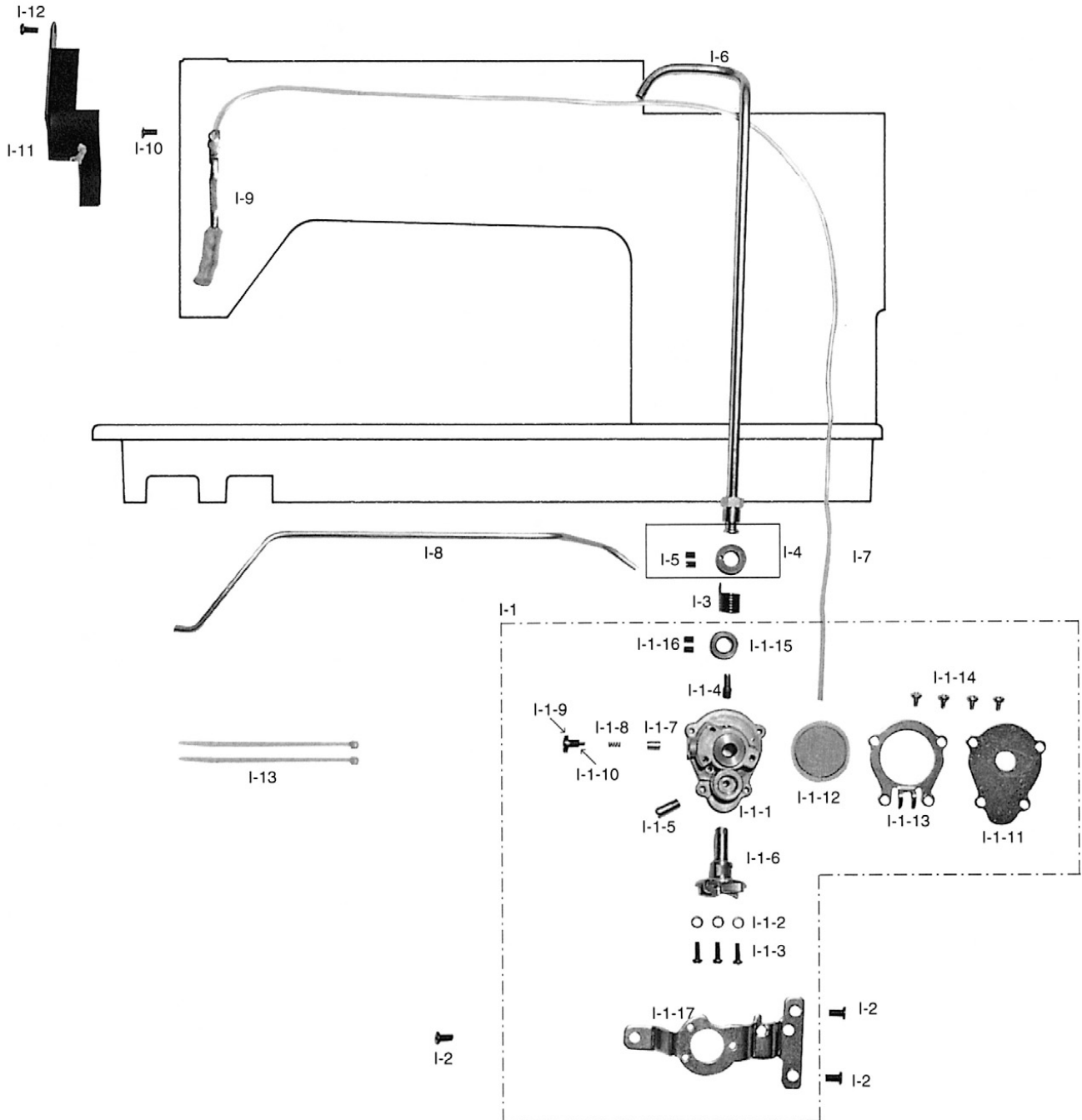
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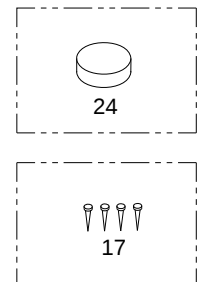
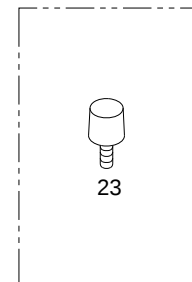
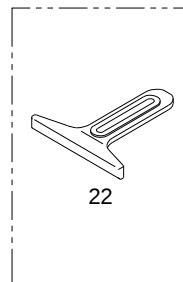
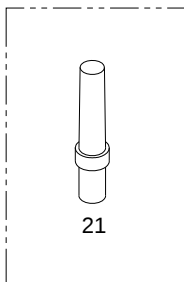
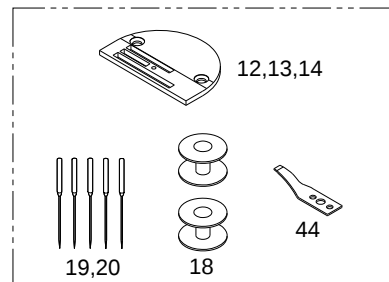
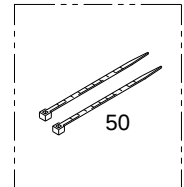
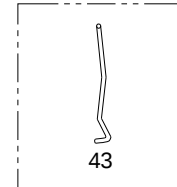
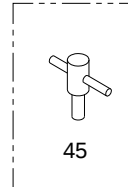
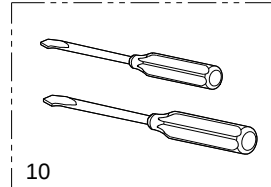
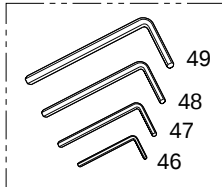
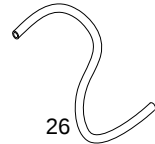
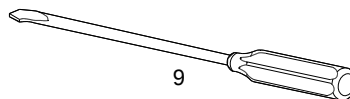
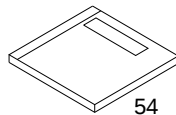
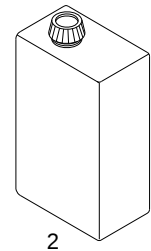
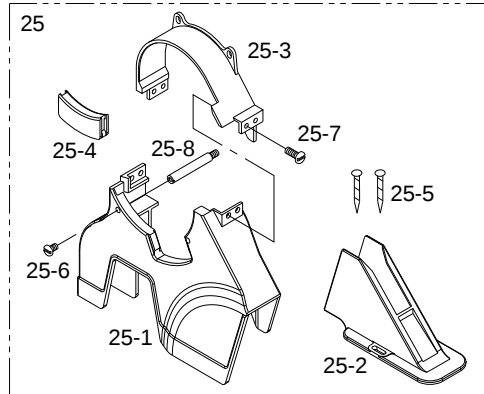
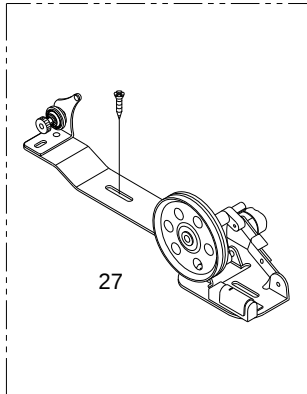
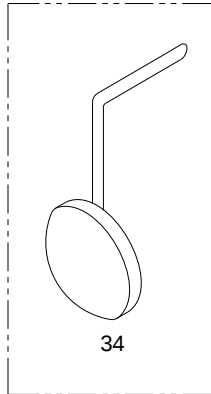
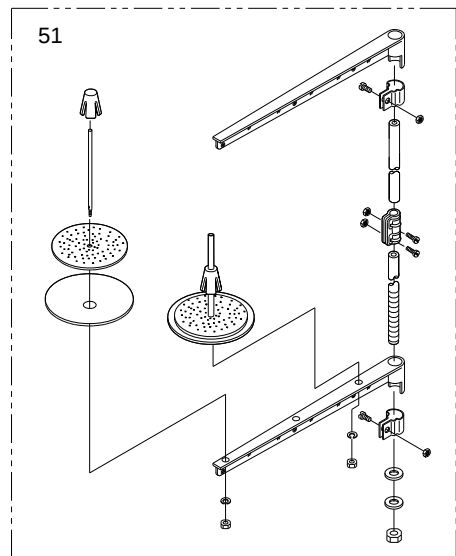
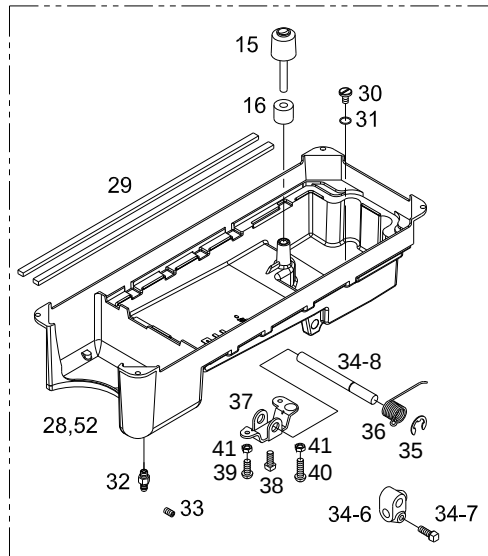
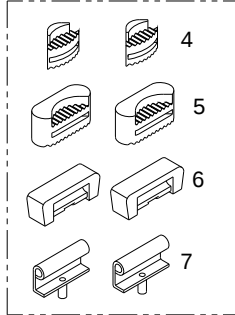
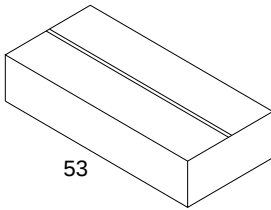
NOTE:

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J

Accessories Mechanism

액세서리 관계



Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Applied Period
J-1	CAC-MH000100		Accessory Box	악세서리 박스	1	
J-2	CAC-MD000300		Oil	오일 캔	1	
J-3	CAC-JB000100		Oil Tank	유차	1	
J-4	CST-FD001200		Head Support Rubber "B"	헌지 고무(소)	2	
J-5	CST-FD001100		Head Support Rubber "A"	헌지 고무(중)	2	
	GP-052071-00	Option	Head Support Rubber "A"(Full Submerged Type Table)	헌지 고무(중)(내림 테이블)	2	
J-6	CST-FF000400		Rubber Cushion For Hinge	헌지 고무(대)	2	
J-7	CST-BB002500		Head Hinge	헌지	2	
J-8	CAC-MA000500		Sewing Machine Cover	미싱커버(대)	1	
J-9	PTL-BA000100		Driver(Large)	드라이버(대)	1	
J-10	PTL-BA000200		Driver(Middle, Small)	드라이버(중, 소)	1	
J-12	CGA-GA000200	A	Needle Plate	침판	1	
J-13	CGA-GA002000	B	Needle Plate	침판	1	
J-14	CGA-GA003200		Needle Plate(AL-Type)	침판(박물용)	1	
J-15	CST-CR000500		Knee Base Rubber	무릎 올림봉 받침캡	1	
J-16	DPK-DC000300		Cap	오일팬 누유 방지 고무	1	
J-17	-		Nail	못	12	
J-18	CHK-HB000600		Bobbin	보빈	2	
J-19	-	A	Needle	바늘 A형	1	
J-20	-	B	Needle	바늘 B형	1	
J-21	CST-CR000100		Head Support Pole	미싱 받침대	1	
J-22	CMB-BJ008000		Cloth Guide	정규	1	
J-23	DSC-BG000300		Screw(9/64"n=40)	홈볼이 바인딩 작은나사(9/64"n=40)	1	
J-24	DTC-AK000300		Magnet	자석	1	
J-25	60-101A-2350		Belt Cover Ass'y(Only For Trimming M/C)	벨트커버(조)-사절	1Set	
J-25-1	CMB-LA019600		Belt Cover(A)	벨트커버(A)	1	
J-25-2	CMB-LA019500		Belt Cover(B)	벨트커버(B)	1	
J-25-3	CMB-LA019700		Belt Cover(C)	벨트커버(C)	1	
J-25-4	CMB-LA019800		Belt Cover(D)	벨트커버(D)	1	
J-25-5	PSC-DD000100		Screw	목나사	2	
J-25-6	DSC-BF001200		Screw(11/64"n=40)	가마잡이 나사(11/64"n=40)	2	
J-25-7	DSC-BJ000200		Screw(11/64"n=40)	홈볼이 둥근 작은나사(11/64"n=40)	6	
J-25-8	DSC-HB002500		Screw For Belt Cover	벨트커버 지지나사	2	
J-26	CLB-JG000300		Oil Return Tube	환류 파이프	1	
J-27	AAC-PS000102		Bobbin Winder Ass'y	실감기(조)	1	
J-28	CST-JA000800	A	Oil Pan	오일 팬	1	
J-29	CAC-MG000300		Oil Pan Gasket	오일 팬 가스켓	2	
J-30	DSC-BF006100		Screw(M8×1.25)	배유구멍 마개 나사(M8×1.25)	1	
J-31	CST-FB000200		Packing	배유 구멍마개 나사 오링	1	
J-32	CLB-JP002500		Oil Pan Nipple	오일 팬 니플	1	
J-33	DSC-CA003500		Screw(15/64"n=28)	피드캡 찰나사(15/64"n=28)	1	
J-34	43-101A-1600		Knee Lifting Ass'y	무릎 올림(조)	1set	
J-34-6	CST-CB000300		Knee Lifter Arm Joint Complete	무릎 받침 연결 크랭크	1	
J-34-7	DSC-CC000100		Screw(5/16"n=18)	무릎 받침 축 고정나사(5/16"n=18)	2	
J-34-8	CST-KC001200		Shaft	제어체 축	1	
J-35	PSR-AC000100		E-Ring(Φ9)	제어체 축 링(E링Φ9)	1	
J-36	DSP-AC005600		Spring	제어체 스프링	1	
J-37	CST-BB002900		Knee Lifting Controller	제어체	1	
J-38	DSC-AA000300		Screw(15/64"n=28)	포크 찰나사	1	
J-39	DSC-BA002700		Screw(15/64"n=28)	제어체 운동조절 나사(중)(15/64"n=28)	1	
J-40	DSC-BA002800		Screw(15/64"n=28)	제어체 운동조절 나사(대)(15/64"n=28)	1	
J-41	DSN-AA000400		Nut(15/64"n=28)	수평운동 릿트 단나사 너(15/64"n=28)	2	
J-43	CWP-BH001100		Wiper	와이퍼	1	
J-44	CTT-NB000901		Fixed Mes	고정 메스	1	
J-45	DTL-CC000100		Box Spanner	고정 메스 장력 조절용 스패너	1	
J-46	PTL-AB000100		Wrench(2mm)	렌치(2mm)	1	
J-47	PTL-AB000300		Wrench(2.5mm)	렌치(2.5mm)	1	

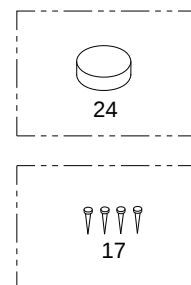
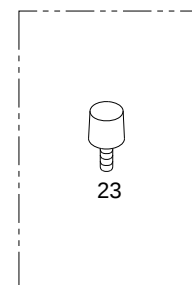
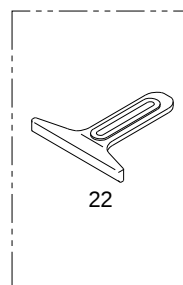
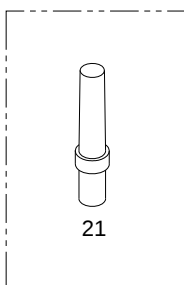
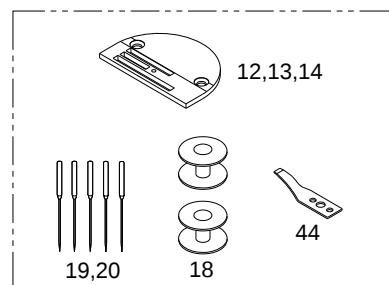
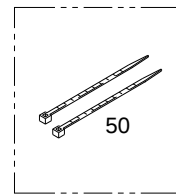
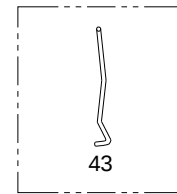
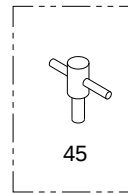
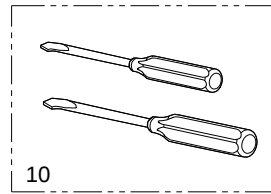
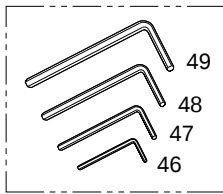
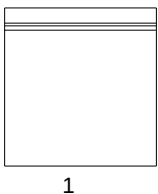
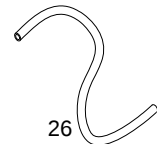
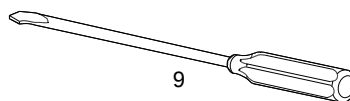
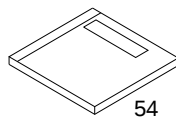
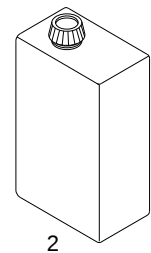
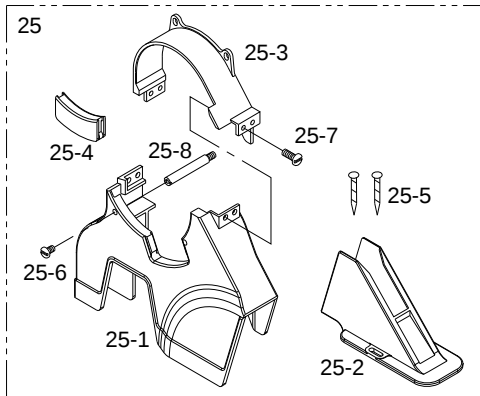
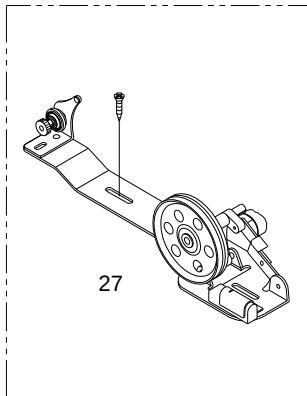
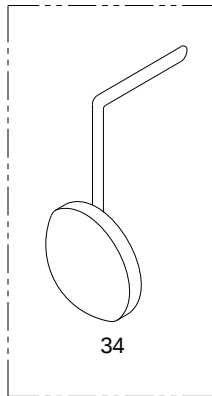
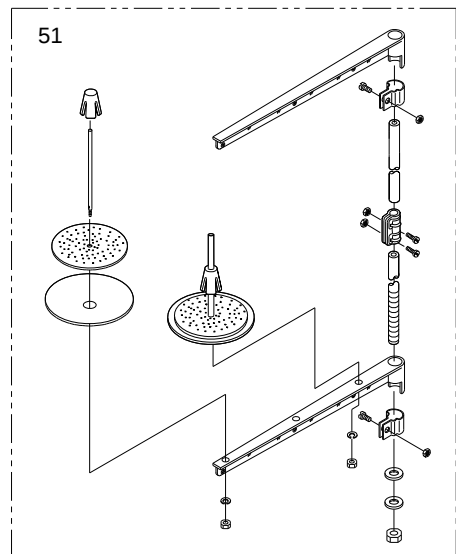
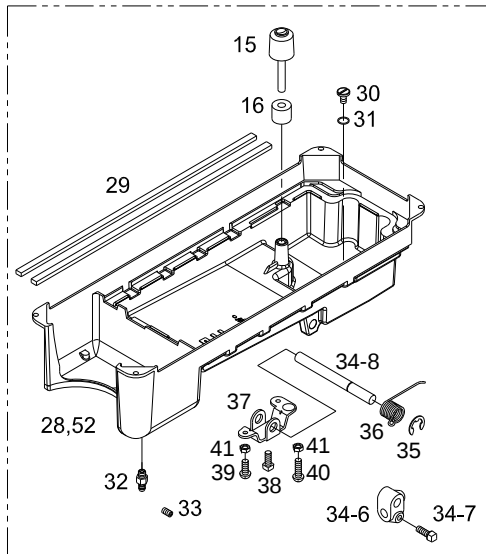
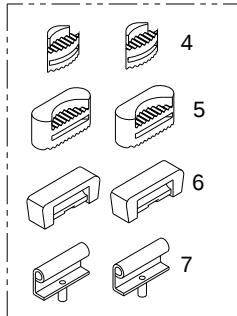
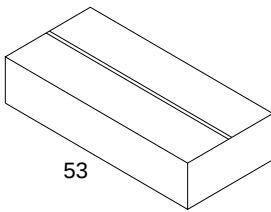
NOTE:

A=KM-235A
B=KM-235B

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Accessories Mechanism

액세서리 관계



A=KM-235A
B=KM-235B

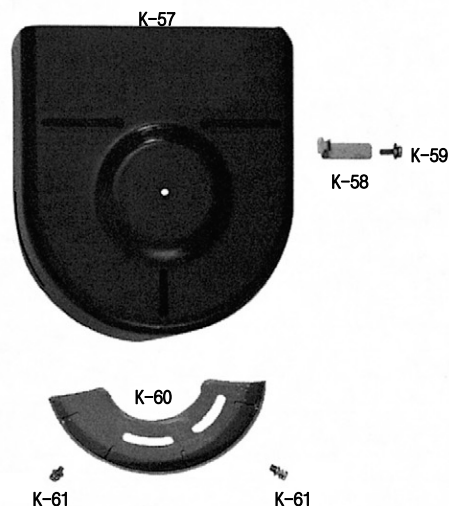
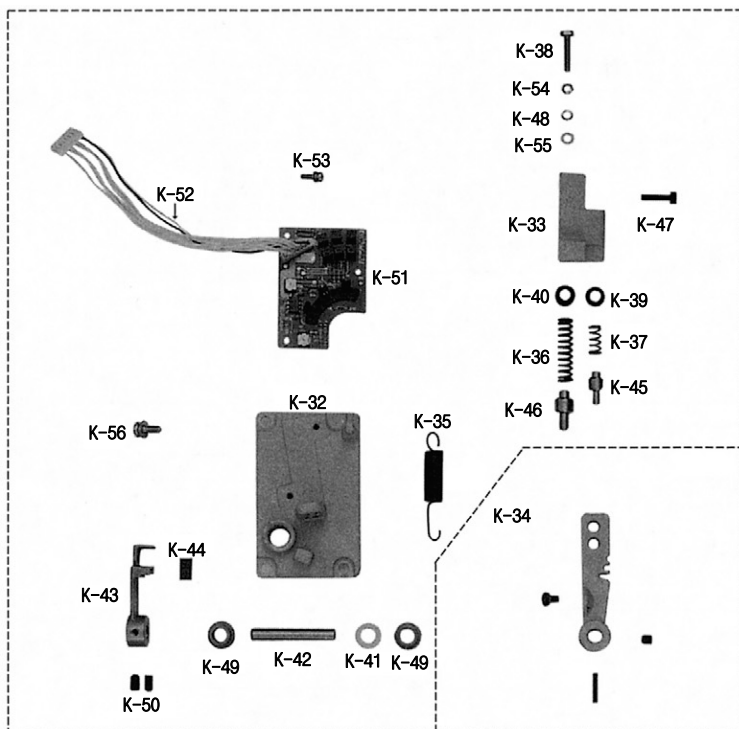


Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Applied Period
K-1	EE-001523-00		S-5 P/U B/D Ass'y	S-5 P/U 보드 Ass'y	1Set	
K-1-1	GP-024743-00		Front cover	전면 커버	1	
K-1-2	GP-024747-00		Membrane Switch	멤브레인 스위치	1	
K-1-3	CA-000479-00		P/U Connector Cable(SE-013)	P/U 연결 케이블(SE-013)	1	
K-1-4	30-001M-SE55		Screw For P/U Box	M3*16 플랜지 볼이 고정나사	5	
K-1-5	BD-000255-03		P/U PCB Ass'y	P/U PCB Ass'y	1Set	
K-1-6	GP-024744-00		Rear cover	후면 커버	1	
K-2	GP-051355-00		Bracket For Program Unit Box(KM-235)	브라켓	1	
K-3	91-029S-1000		Screw For P/U Box	고정나사	1	
K-4	91-029S-1000		Screw For P/U Box(Special)	고정나사	1	
K-5	18-107B-9000		Auto Knee Lifter Solenoid Case	자동 무릎올림 솔레노이드 케이스	1	
K-6	18-018B-9000		Auto Knee Lifter Solenoid Cover	자동 무릎올림 솔레노이드 커버	1	
K-7	91-027B-3000		Screw For C-9 Bracket	고정나사	1	
K-8	-		Shaft(B) For Solenoid	축(A)	1	
K-9	-		Shaft(A) For Solenoid	축(B)	1	
K-10	18-109B-9000		Fixing Plate For Stroke	고정판	4	
K-11	01-134C-1701		Screw	고정나사	1	
K-12	18-011B-5607		Solenoid Shaft Connecting Rod.	연결로드	1	
K-13	18-019S-5607		Nut	너트	4	
K-14	18-021A-5607		Ball Joint(Right)	조인트(우)	1	
K-15	18-020A-5607		Ball Joint(Left)	조인트(좌)	1	
K-16	18-018B-5607		Middle Connecting Bar(KM-235)	중간 연결 바(KM-235)	1	
K-17	25-004A-3200		Middle Connecting Bar(Special)	중간 연결 바(Special)	1	
K-18	25-004A-5607		Middle Connecting Bar(KM-560-7)	중간 연결 바(KM-560-7)	1	
K-19	18-016S-5607		Nut(R)	너트(우)	1	
K-20	18-015S-5607		Nut(L)	너트(좌)	1	
K-21	25-006A-3200		Knee Lifting Shaft	무릎올림 축	1	
K-22	20-016C-6100		Sticker For Auto Knee Lifting Sol.	스티커	1	
K-23	91-030S-1000		Screw For P/U Box Bracket	고정나사	2	
K-24	01-039W-1701		Spring Washer For P/U Box Bracket	스프링 와셔	2	
K-25	18-016S-5607		Nut	너트	1	
K-26	12-015M-2350		Cable For Auto Knee Lifting Solenoid	케이블	1	
K-27	-		Connector Pin	연결핀	2	
K-28	17-016B-3000		Plug For Auto Knee Lifting Solenoid	플러그	1	
K-29	08-014C-3701		Tube(C)	튜브(C)	1	
K-30	18-029C-5607		Guide Bushing For Cable	가이드 부싱	1	
K-31	18-023R-5607		Rubber Washer	고무와셔	1	
K-32	11-011A-SF55		Pedal Base	페달 베이스	1	
K-33	10-016A-SC53		Spring Housing	스프링 하우징	1	
K-34	10-107A-SC53		Pedal Control Lever(Ass'y)	페달 레버(조)	1Set	
K-35	10-018G-SC53		Tension Spring For Pedal	장력 스프링	1	
K-36	10-019G-SC53		Pressure Spring For Presser Foot	압력 스프링	1	
K-37	10-020G-SC53		Pressure Spring For Thread Trimming	압력 스프링	1	
K-38	10-021S-SC53		Pressure Control Screw For Thread Trimming	고정나사	1	
K-39	10-024P-SC53		Spring Guide(A)	스프링 가이드(A)	1	
K-40	10-025P-SC53		Spring Guide(B)	스프링 가이드(B)	1	
K-41	10-024W-SC53		Parallel Washer For Pedal Shaft	와셔	1	
K-42	ST-000287-00		Shaft For Pedal Control Lever	축	1	
K-43	10-026A-SC53		Pedal Magnet & Film Base	페달 자석 & 필름 베이스	1	
K-44	10-027C-SC53		Pedal Magnet	페달 자석	1	
K-45	10-029P-SC53		Stopper(A) For Pressure Spring	스토퍼(A)	1	
K-46	10-030P-SC53		Stopper(B) For Pressure Spring	스토퍼(B)	1	
K-47	10-031S-SC53		Screw For Spring Housing	고정나사	2	
K-48	10-031W-SC53		Parallel Washer	와셔	1	
K-49	11-012C-3701		Bushing For Pedal Control Lever Shaft	부싱	2	
K-50	03-004S-SM55		Fixing Bolt For Pedal Magnet & Film Base	고정나사	2	
K-51	06-1000-SE55		Pedal P.C.B Ass'y	페달 P.C.B(조)	1Set	

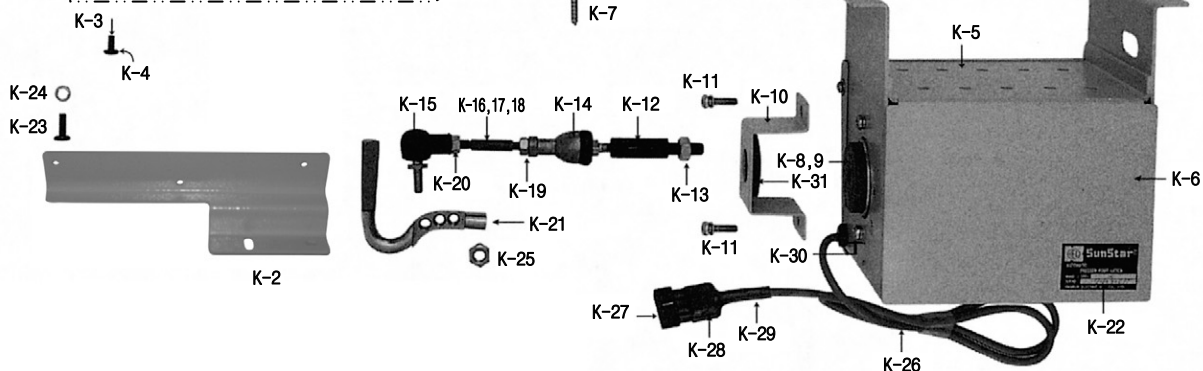
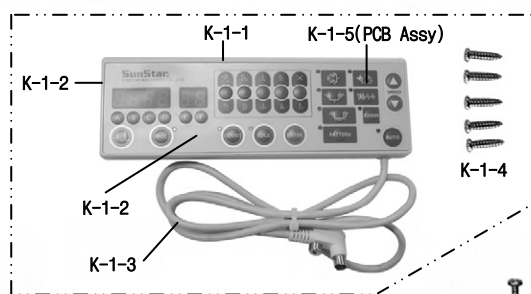
NOTE:

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B=KM-235B

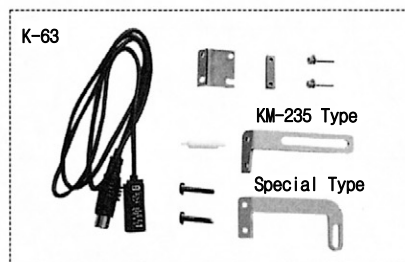
K-62



K-1



K-63



A=KM-235A
B=KM-235B

Index

Parts No.	Name of Parts	Page	Ref.No.
01-035P-1230	Machine Number Plate	7	A-29
01-039W-1701	Spring Washer For P/U Box Bracket	39	K-24
01-134C-1701	Screw	39	K-11
02028SW-9115	Fixing Spring Washer	41	K-55
03-004S-SM55	Fixing Bolt For Pedal Magnet & Film Base	39	K-50
06-0000-SE55	Pedal Unit Assembly	41	K-62
06-001M-SE55	Screw For Pedal Base	41	K-56
06-048A-2507	Reverse Feed Solenoid Ass'y	15	D-52
06-1000-SE55	Pedal P.C.B Ass'y	39	K-51
07-027S-3701	Screw For Belt Cover(A)	41	K-61
08-014C-3701	Tube(C)	39	K-29
09-031S-3701	Screw For Belt Guide	41	K-59
10-010M-AT10	Fixing Nut	41	K-54
10-016A-SC53	Spring Housing	39	K-33
10-018G-SC53	Tension Spring For Pedal	39	K-35
10-019G-SC53	Pressure Spring For Presser Foot	39	K-36
10-020G-SC53	Pressure Spring For Thread Trimming	39	K-37
10-021S-SC53	Pressure Control Screw For Thread Trimming	39	K-38
10-024P-SC53	Spring Guide(A)	39	K-39
10-024W-SC53	Parallel Washer For Pedal Shaft	39	K-41
10-025P-SC53	Spring Guide(B)	39	K-40
10-026A-SC53	Pedal Magnet & Film Base	39	K-43
10-027C-SC53	Pedal Magnet	39	K-44
10-028S-SC53	Screw For Pedal P.C.B	41	K-53
10-029P-SC53	Stopper(A) For Pressure Spring	39	K-45
10-030P-SC53	Stopper(B) For Pressure Spring	39	K-46
10-031S-SC53	Screw For Spring Housing	39	K-47
10-031W-SC53	Parallel Washer	39	K-48
10-044A-2700	Trimmer Solenoid Assembly	25	F-41
10-107A-SC53	Pedal Control Lever(Ass'y)	39	K-34
11-011A-SF55	Pedal Base	39	K-32
11-012C-3701	Bushing For Pedal Control Lever Shaft	39	K-49
11-015A-2700	Wiper Solenoid Assembly	31	H-15
11-018M-2350	Plug	17	D-63
11-019M-2350	Tube	17	D-62
11-020A-2500	Magnetic Holder	11	B-45-1
11-021S-2500	Screw For Magnetic Holder	11	B-45-3
11-022W-2500	Washer For Magnetic Holder	11	B-45-2
12-004A-2700	Reverse Selection Switch	29	G-19
12-006S-2700	Support Screw	29	G-9
12-009B-SE55	Connector for Pedal	41	K-52
12-015M-2350	Cable For Auto Knee Lifting Solenoid	39	K-26
12-016M-2350	Earth Line	9	A-50
13-0000-SE55	Synchronizer Ass'y (Servo)	11	B-45-4
13-2000-SE55	Synchronizer Ass'y	11	B-45
17-016B-3000	Plug For Auto Knee Lifting Solenoid	39	K-28
18-011B-5607	Solenoid Shaft Connecting Rod.	39	K-12
18-015S-5607	Nut(L)	39	K-20
18-016S-5607	Nut	39	K-25
18-016S-5607	Nut(R)	39	K-19
18-018B-5607	Middle Connecting Bar(KM-235)	39	K-16
18-018B-9000	Auto Knee Lifter Solenoid Cover	39	K-6
18-019S-5607	Nut	39	K-13
18-020A-5607	Ball Joint(Left)	39	K-15
18-021A-5607	Ball Joint(Right)	39	K-14
18-023R-5607	Rubber Washer	39	K-31
18-029C-5607	Guide Bushing For Cable	39	K-30
18-107B-9000	Auto Knee Lifter Solenoid Case	39	K-5
18-109B-9000	Fixing Plate For Stroke	39	K-10
20-016C-6100	Sticker For Auto Knee Lifting Sol.	39	K-22
25-004A-3200	Middle Connecting Bar(Special)	39	K-17
25-004A-5607	Middle Connecting Bar(KM-560-7)	39	K-18

Parts No.	Name of Parts	Page	Ref.No.
25-006A-3200	Knee Lifting Shaft	39	K-21
30-001M-SE55	Screw For P/U Box	39	K-1-4
43-101A-1600	Knee Lifting Ass'y	35	J-34
44-120S-1230	Screw(11/64"n=40)	33	I-1-14
60-101A-2350	Belt Cover Ass'y(Only For Trimming M/C)	35	J-25
91-001A-3701	Belt Cover(B)	41	K-57
91-004C-SA53	Belt Guide	41	K-58
91-027B-3000	Screw For C-9 Bracket	39	K-7
91-029S-1000	Screw For P/U Box	39	K-3
91-029S-1000	Screw For P/U Box(Special)	39	K-4
91-030S-1000	Screw For P/U Box Bracket	39	K-23
91-101A-SA53	Belt Cover(A)	41	K-60
91-CD01-2500	CD Manual	37	J-54
99-001M-2350	Inner Box	37	J-53
AAC-PS000102	Bobbin Winder Ass'y	35	J-27
AFA-PS000100	Dial Shaft Locker A'ssy	17	D-95
AGA-PS002200	Hinged Foot Complete	21	E-11
ALB-PS002200	Oil Pump Ass'y	33	I-1
ALB-PS002300	Main Shaft Oil Pipe Ass'y	33	I-6
AMB-PS001400	Slide Plate Ass'y	7	A-32
ARB-PS000700	Reverse Button Ass'y	29	G-1
AS-000042-00	Cable	21	E-46-2
AS-000042-00	Wire Rope	21	E-46-1
AS-015890-12	Arm. Bed Ass'y	7	A-1
AS-016315-01	Take-Up Lever Complete	11	B-29
AS-016316-01	Take-Up Lever Complete	11	B-28
ATA-PS001201	Supplementary Tension Ass'y	7	A-17
ATA-PS001303	Tension Adjusting Apparatus Ass'y	7	A-14
ATR-PS000200	Thread Tension Release Plate	21	E-26
ATR-PS000300	Tension Release Cable	21	E-46
BD-000255-03	P/U PCB Ass'y	39	K-1-5
CA-000479-00	P/U Connector Cable(SE-013)	39	K-1-3
CA-005054-00	Reverse Button Switch	29	G-16
CAB-AA004605	Arm	7	A-1-1
CAB-AB003903	Bed	7	A-1-2
CAB-AB003904	Bed	7	A-1-2
CAB-AB003908	Bed	7	A-1-2
CAC-JB000100	Oil Tank	35	J-3
CAC-MA000500	Sewing Machine Cover	35	J-8
CAC-MD000300	Oil	35	J-2
CAC-MG000300	Oil Pan Gasket	35	J-29
CAC-MH000100	Accessory Box	35	J-1
CFA-BB000200	Bracket For Reverse Feed Solenoid	15	D-54
CFA-BB001300	Stopper	17	D-108
CFA-BJ000300	B/T Spring Holder	17	D-75
CFA-BM000100	Dial Shaft Stopper	17	D-95-3
CFA-BN000100	Dial Shaft Holder	17	D-95-1
CFA-BN000200	Dial Shaft Holder Body	17	D-95-2
CFA-CA000300	Feed Regulator Link	15	D-28
CFA-CB000300	Feed Regulator Arm	17	D-96
CFA-CB000400	Reverse Feed Solenoid Crank	17	D-58
CFA-CC000200	Connecting Rod For Feed Regulator	17	D-74
CFA-CC000302	Reverse Solenoid Connecting Rod	17	D-61
CFA-CL000200	Roller	17	D-98
CFA-CM000300	Dial Shaft Stopper Handle	17	D-95-4
CFA-CM001300	Reverse Feed Control Lever	17	D-105
CFA-CQ001100	Feed Regulating Dial-Insert Type	17	D-92
CFA-CQ001300	Feed Regulating Dial-Insert Type	17	D-93
CFA-DF000101	Feed Regulating	17	D-83
CFA-KF000100	Shaft	17	D-102
CFA-KF000201	Shaft	17	D-85
CFA-KF000300	Feed Adjusting Shaft	17	D-80

Parts No.	Name of Parts	Page	Ref.No.
CFA-KJ001100	Feed Regulator Dial Shaft	17	D-88
CGA-GA000200	Needle Plate	7	A-33
CGA-GA000200	Needle Plate	35	J-12
CGA-GA002000	Needle Plate	9	A-34
CGA-GA002000	Needle Plate	35	J-13
CGA-GA003200	Needle Plate (AL-Type)	9	A-35
CGA-GA003200	Needle Plate(AL-Type)	35	J-14
CGA-GB000501	Feed Dog	15	D-16
CGA-GB001500	Feed Dog	15	D-17
CGA-GC000701	Hinged Foot Complete	21	E-10
CHK-HA000700	Rotary Hook Ass'y	13	C-24
CHK-HA000900	Rotary Hook Ass'y	13	C-25
CHK-HB000600	Bobbin	35	J-18
CHK-HB000600	Bobbin (A1)	13	C-26
CHK-HC000700	Bobbin Case Ass'y	13	C-27
CHK-HH000400	Hook Retainer	13	C-28
CLB-BB001701	Oil Pump Bracket	33	I-1-17
CLB-BG002100	Magnet Holder	33	I-1-13
CLB-BG002200	Holder	33	I-9
CLB-BG002300	Retainer Plate For Oil Wick	15	D-10
CLB-BG005300	Holder For Oil Wick	15	D-51
CLB-BH000300	Retainer For Oil Tube	21	E-4
CLB-BJ000400	Oil Shield	33	I-11
CLB-BR000100	Impeller	33	I-1-6
CLB-CN000200	Piston	33	I-1-7
CLB-FZ000100	Rubber Flange	15	D-7
CLB-JC000200	Oil Pump Body	33	I-1-1
CLB-JD000300	Oil Wick	15	D-50
CLB-JF002200	Lower Shaft Oil Pipe	33	I-8
CLB-JG000300	Oil Return Tube	33	I-7
CLB-JG000300	Oil Return Tube	35	J-26
CLB-JJ001200	Oil Gauge Window	7	A-22
CLB-JL001600	Felt	11	B-3
CLB-JL002400	Felt	13	C-2
CLB-JM000400	Oil Pump Cap	33	I-1-12
CLB-JP000501	Nipple For Oil Return Pipe	33	I-1-4
CLB-JP000601	Nipple For Lower Shaft	33	I-1-5
CLB-JP002500	Oil Pan Nipple	35	J-32
CLB-LB000100	Oil Pump Cover	33	I-1-11
CLF-CA000200	Feed Connecting Link(A)	15	D-25
CLF-CA000300	Feed Connecting Link(B)	15	D-26
CLF-CB000500	Feed Lifting Bell Arm	15	D-42
CLF-CB000600	Rear Crank	15	D-45
CLF-CB000700	Feed Rocker	15	D-8
CLF-CB000800	Crank(Rear)	15	D-21
CLF-CB003100	Rear Crank	15	D-46
CLF-CC000100	Feed Rocker Shaft Connecting Rod	17	D-65
CLF-CC000200	Crank Rod Complete	17	D-71
CLF-CD000400	Sliding Block and Shaft	15	D-20
CLF-CR000300	Feed Bar	15	D-12
CLF-DC0001700	Feed Cam(A)	17	D-67
CLF-DC001801	Feed Cam(C)	17	D-72
CLF-DC002200	Feed Cam(B)	17	D-68
CLF-KF000100	Feed Lifting Shaft	15	D-36
CLF-KF000200	Feed Roker Shaft	15	D-1
CLF-KH000100	Feed Bar Shaft	15	D-13
CLS-KC002600	Lower Shaft	13	C-1
CMB-BB004500	Bed Leg Right	9	A-38
CMB-BJ002400	Gauge Plate	9	A-52
CMB-FC005800	Gasket	7	A-21
CMB-FC005900	Gasket	7	A-3
CMB-HK000101	Thread Guide Left	7	A-6

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.
CMB-HK000501	Thread Guide For Arm	7	A-11	CTT-BF000200	Holder	25	F-50	DGR-AD000100	Main Shaft Gear	11	B-15
CMB-HK002000	Guide Bar For Thread	7	A-19	CTT-BF001700	Holder	25	F-12	DGR-AD000200	Upright Shaft Upper Gear	13	C-20
CMB-LA018000	Cover For Take Up Lever	7	A-9	CTT-BH000101	Bobbin Presser Bar	25	F-48	DGR-AD000300	Upright Shaft Lower Gear	13	C-22
CMB-LA018100	Top Cover	7	A-20	CTT-BH000600	Lever	25	F-49	DGR-AD000400	Lower Shaft Gear	13	C-13
CMB-LA018200	Face Plate	7	A-2	CTT-BJ001100	Thread Detachable Plate	25	F-5	DPK-CA000100	Robber Plug	7	A-26
CMB-LA019500	Belt Cover(B)	35	J-25-2	CTT-BN000500	Spring Guide	25	F-26	DPK-CB000200	Robber Plug(Large)	7	A-25
CMB-LA019600	Belt Cover(A)	35	J-25-1	CTT-CA001700	Connecting Link	25	F-14	DPK-CB000200	Rubber Plug	7	A-5
CMB-LA019700	Belt Cover(C)	35	J-25-3	CTT-CM002900	Thread Trimmer Lever	25	F-18	DPK-CB000200	Rubber Plug	9	A-51
CMB-LA019800	Belt Cover(D)	35	J-25-4	CTT-CM003000	Clutch Lever	25	F-44	DPK-CB000400	Rubber Cap	11	B-44
CMB-LB008000	Cable Cover	9	A-42	CTT-CM003100	Stopper Lever	25	F-28	DPK-CB000900	Face Plate Rubber Cap(L)	7	A-4
CMB-LD003200	Model Mark	7	A-27	CTT-DF000501	Reversal Cam	25	F-20	DPK-CB002500	Rubber Cap	15	D-4
CMB-LD003500	Model Mark	7	A-28	CTT-FD000100	Stopper Rubber	25	F-55	DPK-CB002500	Rubber Cap	15	D-39
CNB-CD000201	Sliding Block	11	B-33	CTT-FD000300	Cushion Rubber (A)	25	F-39	DPK-CB002900	Robber Plug(Small)	7	A-24
CNB-HK002100	Thread Guide	11	B-40	CTT-FZ000100	Cushion Rubber	25	F-40	DPK-CC001000	Rubber Plug For Cable	7	A-31
CNB-HK002200	Thread Guide "A"	11	B-39	CTT-KF000700	Thread Trimmer Shaft	25	F-23	DPK-CZ000200	Packing	7	A-15
CNB-KA002600	Needle Bar	11	B-34	CTT-NA000600	Rotary Mes	25	F-7	DPK-CZ000200	Ratchet	7	A-14-9
CNB-KA002700	Needle Bar	11	B-35	CTT-NA001000	Rotary Mes	25	F-8	DPK-CZ000600	Rubber Cap	21	E-3
CPB-BF000400	Holder	21	E-13	CTT-NB000901	Fixed Mes	25	F-1	DPK-CZ000900	Oil Protection Rubber	11	B-30
CPB-BH000600	Safety Guide	23	E-59	CTT-NB000901	Fixed Mes	35	J-44	DPK-DC000300	Cap	35	J-16
CPB-CM000300	Presser Bar Lifter Lever	21	E-17	CUR-KC000100	Upright Shaft	13	C-15	DPL-AA000201	Pulley	11	B-20
CPB-DF000700	Cam Shaft	21	E-19	CUS-CH000101	Adjusting Valve For Lubrication	11	B-5	DPN-AA000100	Pin(A)	15	D-23
CPB-HK000101	Thread Guide For Frame	21	E-14	CUS-DA002600	Counterweight	11	B-23	DPN-AA003600	Hinge Pin	15	D-48
CPB-KB000100	Presser Bar	21	E-1	CUS-DA002700	Counterweight	11	B-24	DPN-AA003800	Tension Release Pin	7	A-14-2
CPB-KC000300	Presser Regulator Bar	21	E-5	CUS-FA000100	Rubber	11	B-2	DPN-AA003900	Pin(B)	15	D-27
CPM-BH000900	Connecting Rod	21	E-33	CUS-KC002602	Main Shaft	11	B-1	DPN-AA004000	Pin(C)	15	D-32
CPM-CA001700	Knee Lifting Link	21	E-36	CWP-BA000100	Crank Rotary Regulator Plate	31	H-11	DPN-AA004100	Hinge Pin	15	D-34
CPM-CM002300	Knee Lifter Plate	21	E-24	CWP-BB001500	Solenoid Bracket	31	H-17	DPN-AA014100	Dial Pin	17	D-90
CPM-CR000901	Knee Lifting Rod	21	E-43	CWP-BF000500	Holder	31	H-4	DPN-AA014200	Hinge Pin	31	H-9
CRB-BJ000500	Pushing Plate	29	G-17	CWP-BH001100	Wiper	31	H-1	DPN-AA014500	Tension Release Pin	7	A-13
CRB-BK000300	Reverse Selection Button	29	G-6	CWP-BH001100	Wiper	35	J-43	DPN-AD009200	Collar Shaft	25	F-31
CRB-FD000200	Insulated Rubber(B) For Switch	29	G-13	CWP-BJ001400	Crank Rotary Plate	31	H-8	DPN-AD011300	Hinge Pin For Connecting Rod	17	D-64
CRB-FD000300	Insulated Rubber (A) For Switch	29	G-14	CWP-CA001900	Connecting Rod	31	H-14	DPN-BC001000	Hinge Pin(A)	15	D-31
CRB-KC000200	Shaft	29	G-7	CWP-CB000800	Wiper Crank	31	H-6	DPN-BC001100	Hinge Pin(B)	15	D-29
CRB-LA000100	Cover	29	G-15	CWP-KF000100	Wiper Rotary Shaft	31	H-2	DPN-BC003900	Pin	17	D-97
CRB-LC000402	Button Case	29	G-12	CWP-LA000500	Cover	31	H-22	DSC-AA000300	Screw(15/64"n=28)	35	J-38
CST-BB002500	Head Hinge	35	J-7	DBS-DA003400	Needle Bar Upper Bushing	11	B-36	DSC-AA001000	Screw(3/16"n=28)	15	D-22
CST-BB002900	Knee Lifting Controller	35	J-37	DBS-DA003700	Vertical Shaft Upper Bushing	13	C-16	DSC-AA001000	Screw(3/16"n=28)	15	D-43
CST-CB000300	Knee Lifter Arm Joint Complete	35	J-34-6	DBS-DA003801	Upright Shaft Lower Bushing	13	C-18	DSC-AA001000	Screw(3/16"n=28)	15	D-47
CST-CR000100	Head Support Pole	35	J-21	DBS-DA004100	Lower Shaft Rear Bushing	13	C-11	DSC-AA001300	Screw	7	A-1-4
CST-CR000500	Knee Base Rubber	35	J-15	DBS-DA006700	Bushing(Front)	15	D-2	DSC-AA003000	Screw(3/16"n=32)	25	F-37
CST-FB000200	Packing	35	J-31	DBS-DA006800	Rear Bushing	15	D-5	DSC-AA003200	Screw	7	A-1-3
CST-FD001100	Head Support Rubber "A"	35	J-5	DBS-DA006800	Rear Bushing	15	D-40	DSC-AA003300	Screw(9/64"n=40)	21	E-32
CST-FD001200	Head Support Rubber "B"	35	J-4	DBS-DA007100	Front Bushing	15	D-37	DSC-AC002200	Screw(1/4"n=40)	25	F-33
CST-FF000400	Rubber Cushion For Hinge	35	J-6	DBS-DA018200	Bushing	21	E-2	DSC-AZ000300	Screw	7	A-1-5
CST-JA000800	Oil Pan	35	J-28	DBS-DA020000	Bushing	25	F-24	DSC-BA000100	Screw(9/64"n=40)	7	A-7
CST-JA002500	Oil Pan	37	J-52	DBS-DA024900	Needle Bar Lower Bushing	11	B-38	DSC-BA000100	Screw(9/64"n=40)	7	A-12
CST-KC001200	Shaft	35	J-34-8	DBS-DA025800	Main Shaft Center Bushing	11	B-11	DSC-BA000100	Screw(9/64"n=40)	31	H-23
CST-MF000100	Thread Stand Ass'y	37	J-51	DBS-DA025900	Lower Shaft Bushing(Front)	13	C-4	DSC-BA000200	Screw(9/64"n=40)	21	E-12
CTA-BA000200	Tension Barrel	7	A-14-1	DBS-DB001101	Main Shaft Rear Bushing	11	B-17	DSC-BA000300	Screw(11/64"n=40)	33	I-12
CTA-BJ000100	Tension Release Washer	7	A-14-7	DBS-DB007600	Main Shaft Front Bushing	11	B-9	DSC-BA000400	Screw(3/16"n=28)	17	D-100
CTA-HK000200	Guide Plate	7	A-17-1	DBS-DB007700	Lower Shaft Bushing(Center)	13	C-8	DSC-BA000700	Screw(3/16"n=32)	23	E-58
CTA-HL000100	Tension Disk	7	A-14-6	DBS-DB008100	Guide Bushing	29	G-4	DSC-BA000700	Screw(3/16"n=32)	25	F-43
CTA-HL000300	Tension Disk	7	A-17-3	DCL-AA000100	Main Shaft Collar	11	B-13	DSC-BA000700	Screw(3/16"n=32)	31	H-13
CTA-HM000500	Tension Stud	7	A-14-4	DCL-AA001500	Collar For Impeller Shaft	33	I-1-15	DSC-BA000900	Screw(9/64"n=40)	9	A-45
CTA-HM000601	Shaft	7	A-17-2	DCL-AA001500	Collar(B)	13	C-9	DSC-BA000900	Screw(9/64"n=40)	9	A-47
CTR-BB001100	Stopper	21	E-30	DCL-AA002600	Collar	33	I-4	DSC-BA000900	Screw(9/64"n=40)	9	A-49
CTR-BQ000200	Pipe For Thread Release Lever	21	E-54	DCL-AA002800	Collar	17	D-81	DSC-BA001400	Screw(3/16"n=32)	17	D-106
CTR-CM001200	Operating Lever For Thread Release	21	E-50	DCL-AA008200	Collar	21	E-52	DSC-BA002700	Screw(15/64"n=28)	35	J-39
CTR-CM001300	Cam Driving Lever	21	E-51	DCL-BB002500	Collar	25	F-30	DSC-BA002800	Screw(15/64"n=28)	35	J-40
CTR-KC000500	Shaft	21	E-22	DGR-AA003001	Thread Trimmer Gear Assembly	25	F-21	DSC-BB001400	Screw(11/64"n=40)	25	F-9
CTT-BB002900	Stopper	25	F-36	DGR-AA003002	Thread Trimmer Gear Assembly	25	F-21	DSC-BB001500	Screw(M5×0.8)	15	D-55
CTT-BB003100	Solenoid Base	25	F-42	DGR-AA003101	Thread Trimmer Gear "B"	25	F-35	DSC-BB002000	Screw(9/64"n=40)	25	F-2

Index

Parts No.	Name of Parts	Page	Ref.No.
DSC-BC000100	Screw for Needle Plate	9	A-53
DSC-BC000100	Screw(11/64"n=40)	9	A-36
DSC-BF000100	Screw(1/8"n=44)	11	B-41
DSC-BF000100	Screw(1/8"n=44)	25	F-51
DSC-BF000400	Screw(15/64"n=28)	15	D-15
DSC-BF000600	Screw(3/16"n=28)	33	I-2
DSC-BF000700	Screw(15/64"n=28)	25	F-19
DSC-BF000800	Screw(15/64"n=40)	11	B-21
DSC-BF001200	Screw(11/64"n=40)	17	D-84
DSC-BF001200	Screw(11/64"n=40)	21	E-15
DSC-BF001200	Screw(11/64"n=40)	35	J-25-6
DSC-BF001800	Screw(1/8"n=44)	15	D-19
DSC-BF001800	Screw(1/8"n=44)	31	H-3
DSC-BF001900	Screw(3/16"n=28)	17	D-94
DSC-BF002600	Screw(3/16"n=32)	15	D-9
DSC-BF003100	Screw(11/64"n=40)	7	A-10
DSC-BF003100	Screw(11/64"n=40)	13	C-30
DSC-BF003100	Screw(11/64"n=40)	17	D-101
DSC-BF003100	Screw(11/64"n=40)	31	H-5
DSC-BF003600	Screw(11/64"n=40)	15	D-3
DSC-BF003600	Screw(11/64"n=40)	15	D-33
DSC-BF003600	Screw(11/64"n=40)	15	D-35
DSC-BF003600	Screw(11/64"n=40)	15	D-49
DSC-BF003600	Screw(11/64"n=40)	31	H-21
DSC-BF003600	Screw(11/64"n=40)	33	I-10
DSC-BF003700	Screw(9/32"n=28)	11	B-27
DSC-BF004000	Screw(3/16"n=32)	13	C-7
DSC-BF006100	Screw(M8×1.25)	35	J-30
DSC-BF006200	Screw(1/8"n=40)	25	F-3
DSC-BF006300	Screw(11/64"n=40)	15	D-24
DSC-BF006300	Screw(11/64"n=40)	17	D-66
DSC-BF007000	Set Screw	13	C-3
DSC-BF007400	Pin Screw	33	I-1-9
DSC-BF007700	Screw(1/8"n=44)	15	D-11
DSC-BF007900	Screw(3/16"n=32)	15	D-44
DSC-BG000200	Screw(5/16"n=28)	11	B-22
DSC-BG000300	Screw(9/64"n=40)	35	J-23
DSC-BJ000200	Screw(11/64"n=40)	35	J-25-7
DSC-BJ000300	Screw(11/64"n=40)	21	E-18
DSC-BJ000300	Screw(9/64"n=40)	17	D-76
DSC-BJ000300	Screw(9/64"n=40)	33	I-1-3
DSC-BJ000400	Screw(11/64"n=40)	7	A-8
DSC-BJ001400	Screw(9/64"n=40)	21	E-16
DSC-BJ002400	Screw(3/16"n=32)	17	D-107
DSC-BJ003500	Screw(11/64"n=40)	9	A-43
DSC-BJ003500	Screw(11/64"n=40)	17	D-109
DSC-BJ003500	Screw(11/64"n=40)	25	F-6
DSC-BJ005700	Screw(M2×0.4)	29	G-20
DSC-BJ005800	Screw(1/8"n=44)	29	G-18
DSC-BJ005900	Screw For Top Cover	7	A-23
DSC-CA000100	Screw(15/34"n=28)	13	C-5
DSC-CA000100	Screw(15/64"n=28)	7	A-16
DSC-CA000100	Screw(15/64"n=28)	11	B-18
DSC-CA000100	Screw(15/64"n=28)	15	D-6
DSC-CA000100	Screw(15/64"n=28)	15	D-38
DSC-CA000100	Screw(15/64"n=28)	15	D-41
DSC-CA000200	Set Screw	7	A-14-5
DSC-CA000400	Screw(11/64"n=40)	33	I-1-16
DSC-CA000400	Screw(11/64"n=40)	33	I-5
DSC-CA000500	Screw(1/4"n=40)	11	B-14
DSC-CA000500	Screw(1/4"n=40)	11	B-16
DSC-CA000500	Screw(1/4"n=40)	11	B-25

Parts No.	Name of Parts	Page	Ref.No.
DSC-CA000500	Screw(1/4"n=40)	13	C-14
DSC-CA000500	Screw(1/4"n=40)	17	D-82
DSC-CA000800	Screw(15/64"n=28)	11	B-10
DSC-CA000800	Screw(15/64"n=28)	11	B-12
DSC-CA000800	Screw(15/64"n=28)	11	B-31
DSC-CA000800	Screw(15/64"n=28)	13	C-12
DSC-CA000800	Screw(15/64"n=28)	13	C-17
DSC-CA000800	Screw(15/64"n=28)	13	C-19
DSC-CA000800	Screw(15/64"n=28)	17	D-87
DSC-CA000800	Screw(15/64"n=28)	25	F-25
DSC-CA001100	Screw(1/4"n=40)	11	B-26
DSC-CA001100	Screw(1/4"n=40)	15	D-30
DSC-CA001100	Screw(1/4"n=40)	17	D-73
DSC-CA001500	Screw(15/64"n=28)	25	F-56
DSC-CA001700	Screw(15/64"n=28)	11	B-37
DSC-CA001900	Screw(1/4"n=40)	13	C-21
DSC-CA001900	Screw(1/4"n=40)	13	C-23
DSC-CA001900	Screw(1/4"n=40)	17	D-69
DSC-CA003500	Screw(15/64"n=28)	35	J-33
DSC-CB000300	Screw(11/64"n=40)	7	A-18
DSC-CB000300	Screw(11/64"n=40)	13	C-10
DSC-CB000300	Screw(11/64"n=40)	21	E-23
DSC-CB000500	Screw(15/64"n=28)	25	F-22
DSC-CB000700	Screw(M5)	21	E-53
DSC-CC000100	Screw(5/16"n=18)	35	J-34-7
DSC-FA006300	Stud Screw For Solenoid Crank	17	D-59
DSC-FA008600	Stud Screw For Connecting Rod	15	D-53
DSC-FA018800	Hinge Screw	21	E-44
DSC-FA019000	Pivot Screw	25	F-47
DSC-FA019100	Hinge Screw	31	H-12
DSC-FA019300	Pivot Screw	25	F-17
DSC-FA019400	Pivot Screw	25	F-15
DSC-FF002300	Hinge Screw	21	E-37
DSC-FH000500	Holder For Reverse Feed Spring	17	D-78
DSC-FH000900	Hinge Screw	21	E-40
DSC-HA000100	Screw(9/16"n=20)	21	E-8
DSC-HB002500	Screw For Belt Cover	35	J-25-8
DSC-HC000300	Bed Leg Front	9	A-37
DSC-HC000400	Bed Leg Rear	25	F-52
DSC-HD000600	Adjusting Screw	19	D-111
DSC-HZ001100	Connecting Bolt	21	E-47
DSN-AA000100	Nut	7	A-19-1
DSN-AA000400	Nut(15/64"n=28)	35	J-41
DSN-AA000600	Nut(3/16"n=32)	21	E-39
DSN-AA000600	Nut(3/16"n=32)	21	E-45
DSN-AA000900	Nut(11/64"n=40)	19	D-112
DSN-AA000900	Nut(11/64"n=40)	25	F-16
DSN-AA001700	Nut(1/8"n=40)	25	F-4
DSN-AA002400	Nut(A)	21	E-48
DSN-AA003800	Nut	29	G-3
DSN-AA003900	Nut	29	G-10
DSN-CC000100	Presser Adjusting Nut	21	E-9
DSN-CD000100	Cap	7	A-14-10
DSN-CD000400	Nut	7	A-17-5
DSP-AA001600	Spring	13	C-6
DSP-AA002700	Piston Spring	33	I-1-8
DSP-AA002800	Feed Regulator Dial Spring	17	D-91
DSP-AA005200	Spring	17	D-99
DSP-AA010300	Presser Regulation Spring	21	E-6
DSP-AA010400	Spring	25	F-34
DSP-AA010500	Spring	29	G-8
DSP-AA010600	Solenoid Tension Spring	31	H-16

Parts No.	Name of Parts	Page	Ref.No.
DSP-AA010800	Presser Regulation Spring	21	E-7
DSP-AB003500	Spring	19	D-110
DSP-AB004800	Reverse Feed Spring	17	D-77
DSP-AC001700	Spring	25	F-53
DSP-AC002300	Spring Joint	33	I-3
DSP-AC005600	Spring	35	J-36
DSP-AC005800	Spring	21	E-27
DSP-AC006401	Spring	25	F-27
DSP-AC006500	Spring	25	F-46
DSP-BA000900	Spring	7	A-17-4
DSP-BA001000	Tension Spring	7	A-14-8A
DSP-BA002300	Tension Spring	7	A-14-8B
DSP-BB000200	Check Spring	7	A-14-3
DTC-AH000100	Cable Holder	9	A-48
DTC-AH001200	Cable Clip(A)	23	E-57
DTC-AK000300	Magnet	35	J-24
DTL-CC000100	Box Spanner	35	J-45
DWS-AA000500	Washer	21	E-31
DWS-AA000500	Washer	23	E-60
DWS-AA000600	Washer	25	F-38
DWS-AA000600	Washer	25	F-45
DWS-AA001500	Washer	15	D-14
DWS-AA002700	Thrust Washer	11	B-32
DWS-AA003800	Felt Washer	21	E-20
DWS-AA003800	Washer	21	E-21
DWS-AA005100	Washer	25	F-11
DWS-AA016700	Flat Washer	21	E-55
DWS-CA000100	Spring Washer	13	C-29
DWS-CB000200	Corrugated Washer	17	D-104
EA-000023-00	Edge Sensor	41	K-63
EE-001523-00	S-5 P/U B/D Ass'y	39	K-1
GP-019000-00	Feed Dog(AL-Type)	15	D-18
GP-024743-00	Front cover	39	K-1-1
GP-024744-00	Rear cover	39	K-1-6
GP-024747-00	Membrane Switch	39	K-1-2
GP-048566-00	Mark	9	A-54
GP-051355-00	Bracket For Program Unit Box(KM-235)	39	K-2
GP-052071-00	Head Support Rubber "A"(Full Submerged Type Table)	35	J-5
PBR-BA001200	Needle Bearing	25	F-13
PPK-AA000100	Oil Seal	11	B-19
PPK-BA000400	O-Ring	11	B-4
PPK-BA000500	O-Ring	21	E-41
PPK-BA000700	Packing	17	D-103
PPK-BA000800	O-Ring	17	D-86
PPK-BA000900	O-ring	17	D-89
PPK-BA000900	O-Ring	21	E-56
PPN-AD000100	Setting Pin	7	A-30
PPN-AF000900	Pin	33	I-1-10
PPN-AF000900	Stopper Pin(2×8)	29	G-2
PPN-AF001000	Spring Pin	17	D-95-5
PPN-AF003000	Stopper Pin	25	F-29
PSC-AC000600	Screw(M6)	15	D-57
PSC-AC002600	Screw(M8×1.25)	9	A-41
PSC-BA000100	Screw(M3×0.5)	31	H-20
PSC-DD000100	Screw	35	J-25-5
PSN-AA000500	Nut(M8×1.25)	9	A-40
PSN-AA001700	Hinge Nut For Connecting Rod	17	D-60
PSN-AA001700	Nut(B)	21	E-49
PSN-AA003100	Nut	19	D-114
PSR-AA000100	Stopper C-Ring	25	F-10
PSR-AA000400	Stopper C-Ring	17	D-70
PSR-AC000100	E-Ring(Φ9)	35	J-35

Index

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