



PARTS BOOK

KM-235A/B

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

PME-120919

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	GP-012842-03		Arm	이완	1	
A-2	GP-010073-06		Bed	침대	1	
A-3	GP-010102-00		Face Plate	면판	1	
A-4	GP-000384-130H		Face Plate Gasket	면판 가스켓	1	
A-5	GP-01174-4122		Screw(1.64"mm)	볼트	10	
A-6	GP-011011-1330		Rubber Cap For Face Plate	면판 고무패드	2	
A-7	GP-010014-1330		Caution Switch	경고 스위치	1	
A-8	GP-010107-00		Turn-up Lever Cover	날개커버	1	
A-9	GP-000208-1330		Screw(0.84"mm)	볼트(0.84인치)	1	
A-10	GP-011740-00		Bed Cover(L)	침대커버(좌)	1	
A-11	GP-011486-1330H		Bed Cover(Gasket/L)	침대커버 가스켓(좌)	1	
A-12	GP-0043-1330		Screw(1.64"mm)	볼트(1.64인치)	14	
A-13	GP-0044-1330		Washer	와셔	2	
A-14	GP-011750-00		Bed Cover(R)	침대커버(우)	1	
A-15	GP-011746-1330H		Bed Cover(Gasket/R)	침대커버 가스켓(우)	1	
A-16	4400110-100H		Oil Tank Rubber Cap	오일 탱크 고무패드	1	
A-17	GP-010774-1330		Thread Guide with Three Poles	세극관 삽입기(조)	15Set	
A-18	GP-010774-1330		Thread Guide(L)	세극관 삽입기(조)	1	
A-19	GP-010774-1330		Screw(0.84"mm)	볼트	2	
A-20	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-21	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-22	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-23	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-24	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-25	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-26	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-27	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-28	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-29	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-30	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-31	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-32	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-33	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-34	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-35	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-36	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-37	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-38	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-39	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-40	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-41	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-42	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-43	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-44	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-45	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-46	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-47	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-48	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-49	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-50	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-51	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-52	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-53	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-54	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-55	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-56	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-57	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	
A-58	GP-010774-1330		Thread Guide(R)	세극관 삽입기(조)	1	

Note: H=Heavy Material(중량재), M=Medium Material(중량재), L=Light Material(경량재), K=Soft Material(부연재), 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

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.

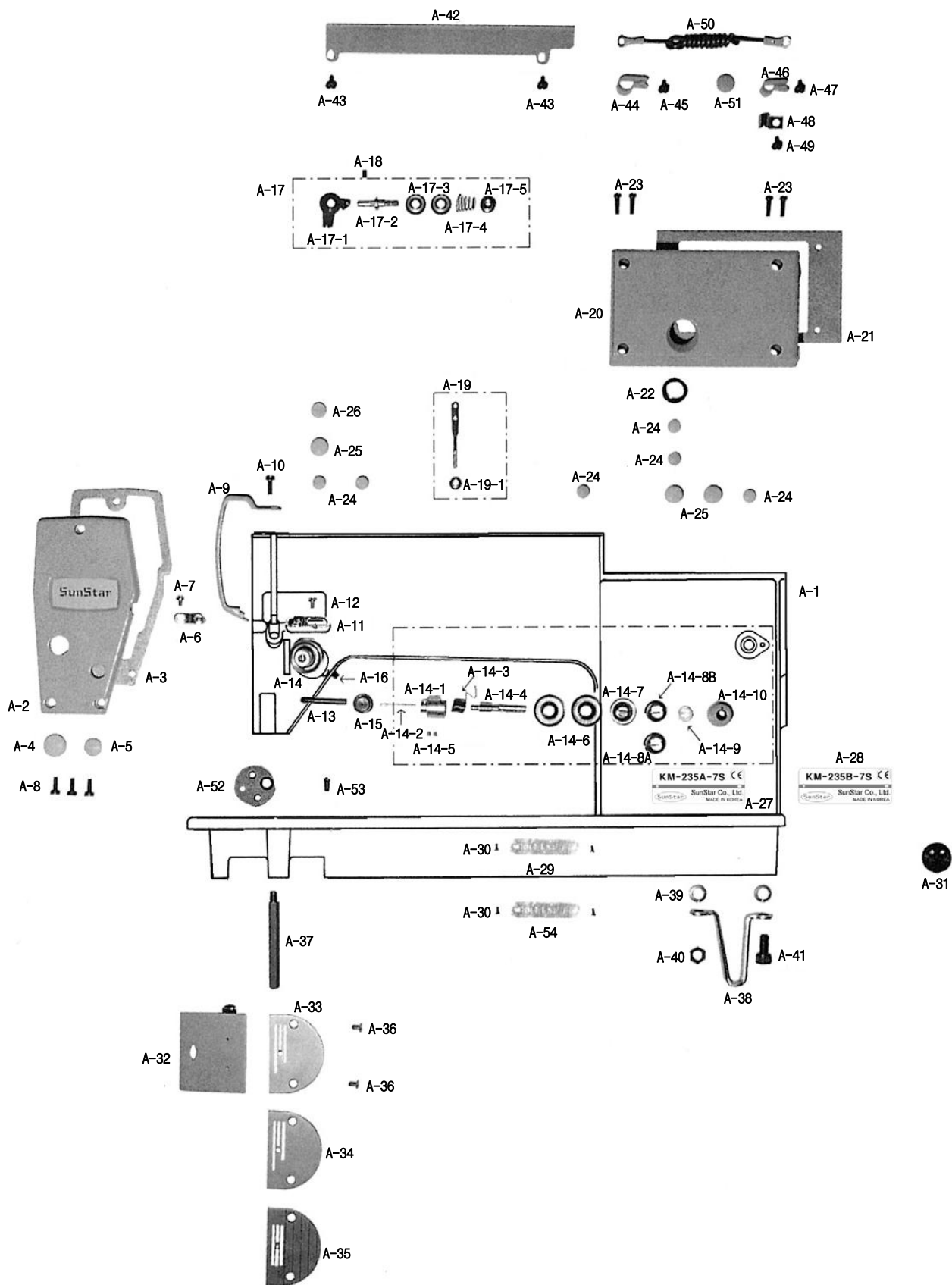
Note

- 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.

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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-AB003910		Bed	베드	1	Jul.23.12
	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-FC005901		Gasket	면판 패킹	1	Mar.08.12
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	슬레노이드 케이블 안내 고무	1	
A-32	AMB-PS001400		Slide Plate Ass'y	미끄럼판(조)	1Set	

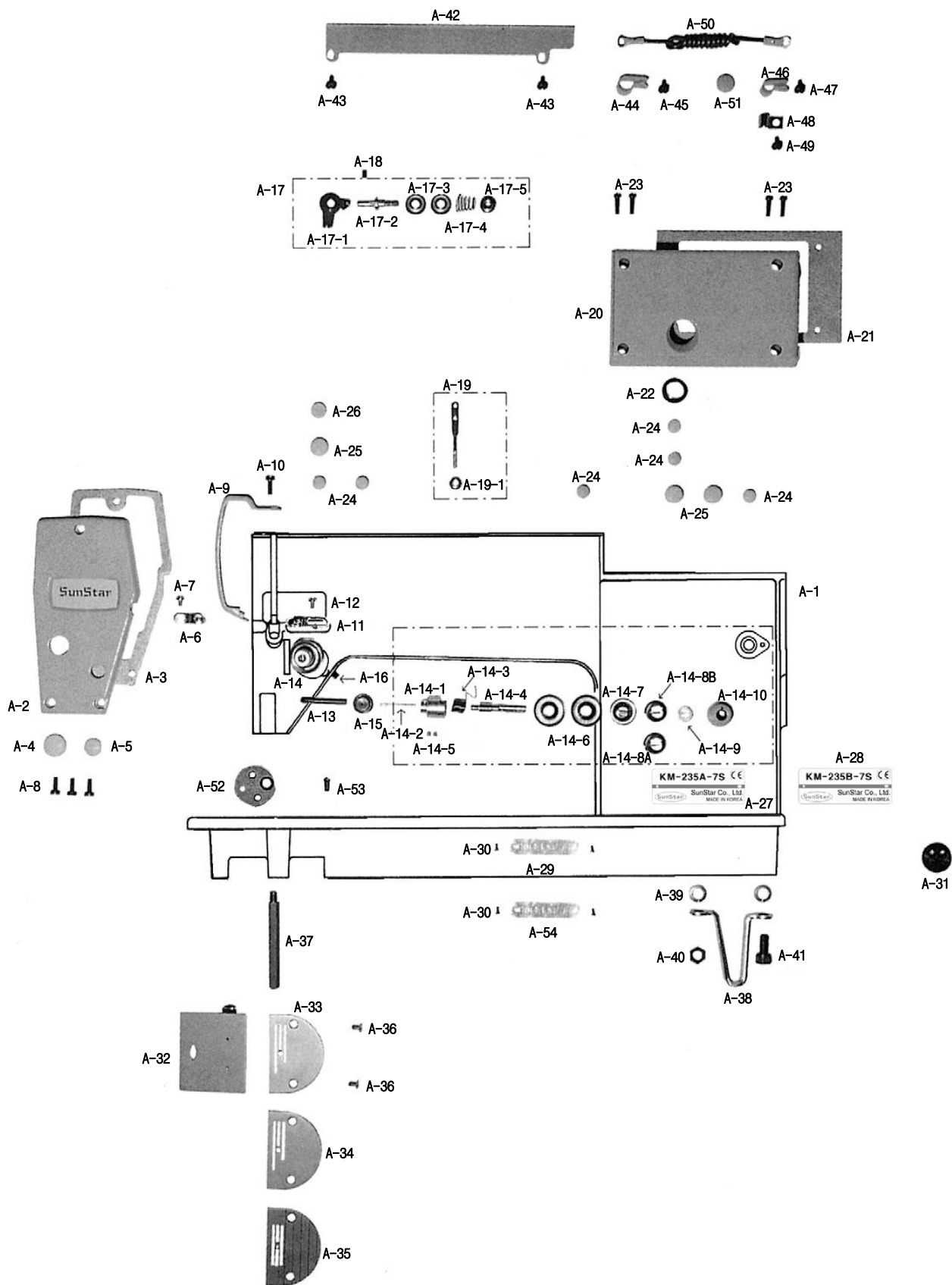
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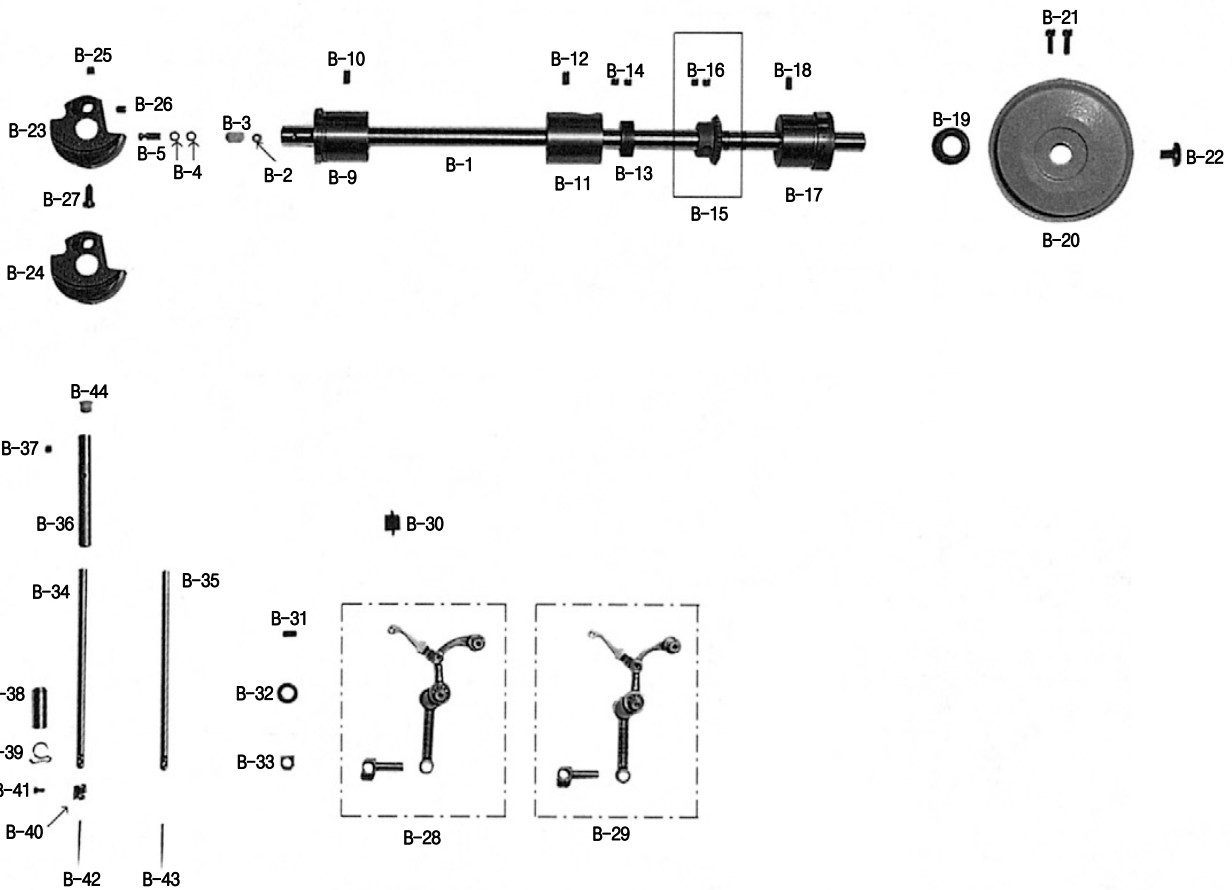
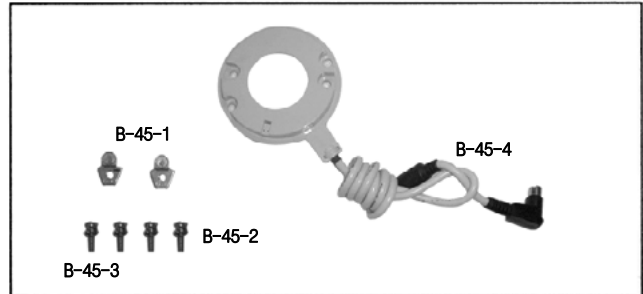
Machine Body & Thread Tension Adjusting Mechanism

외장 & 실장력 조절 관계

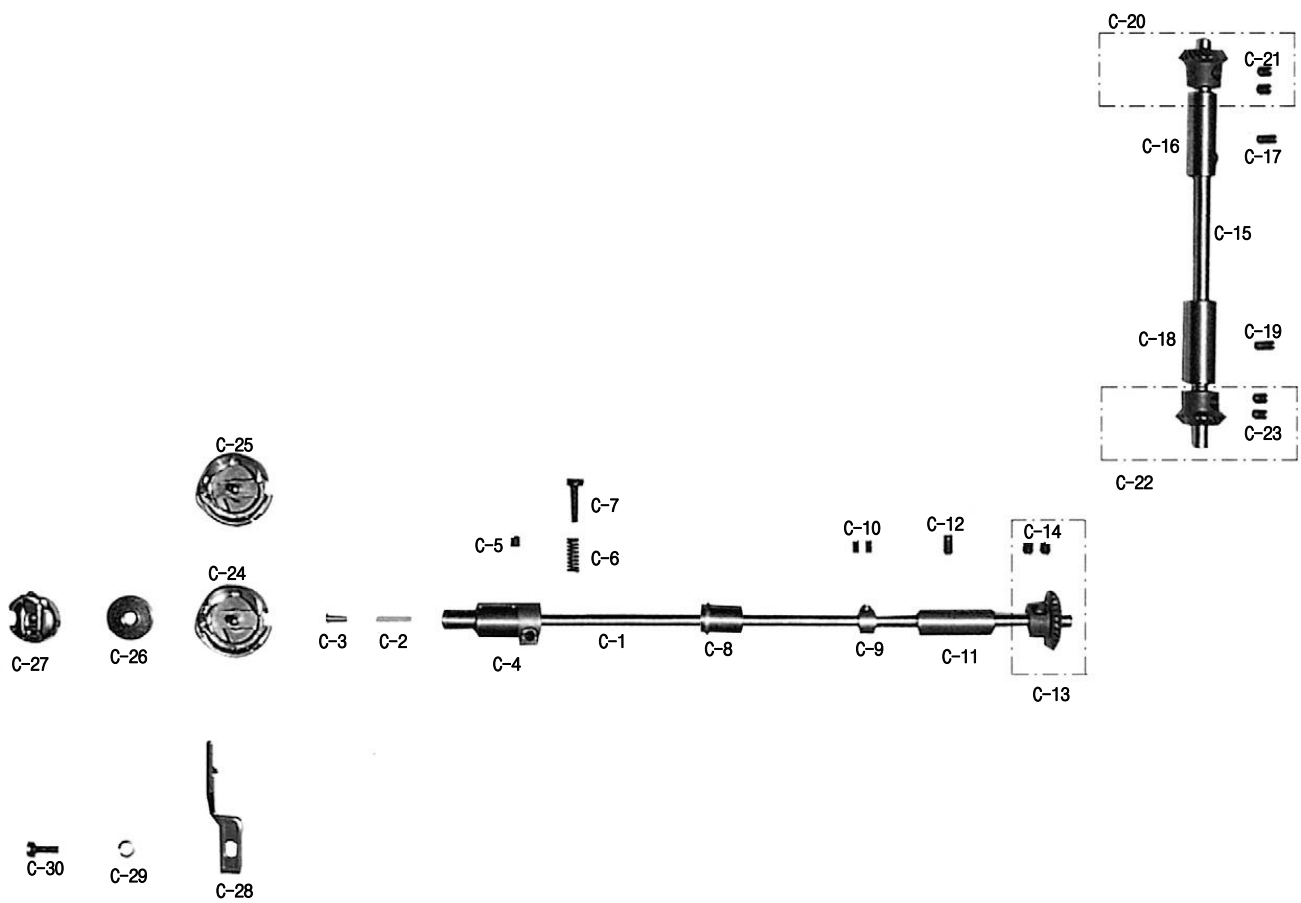


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A=KM-235A
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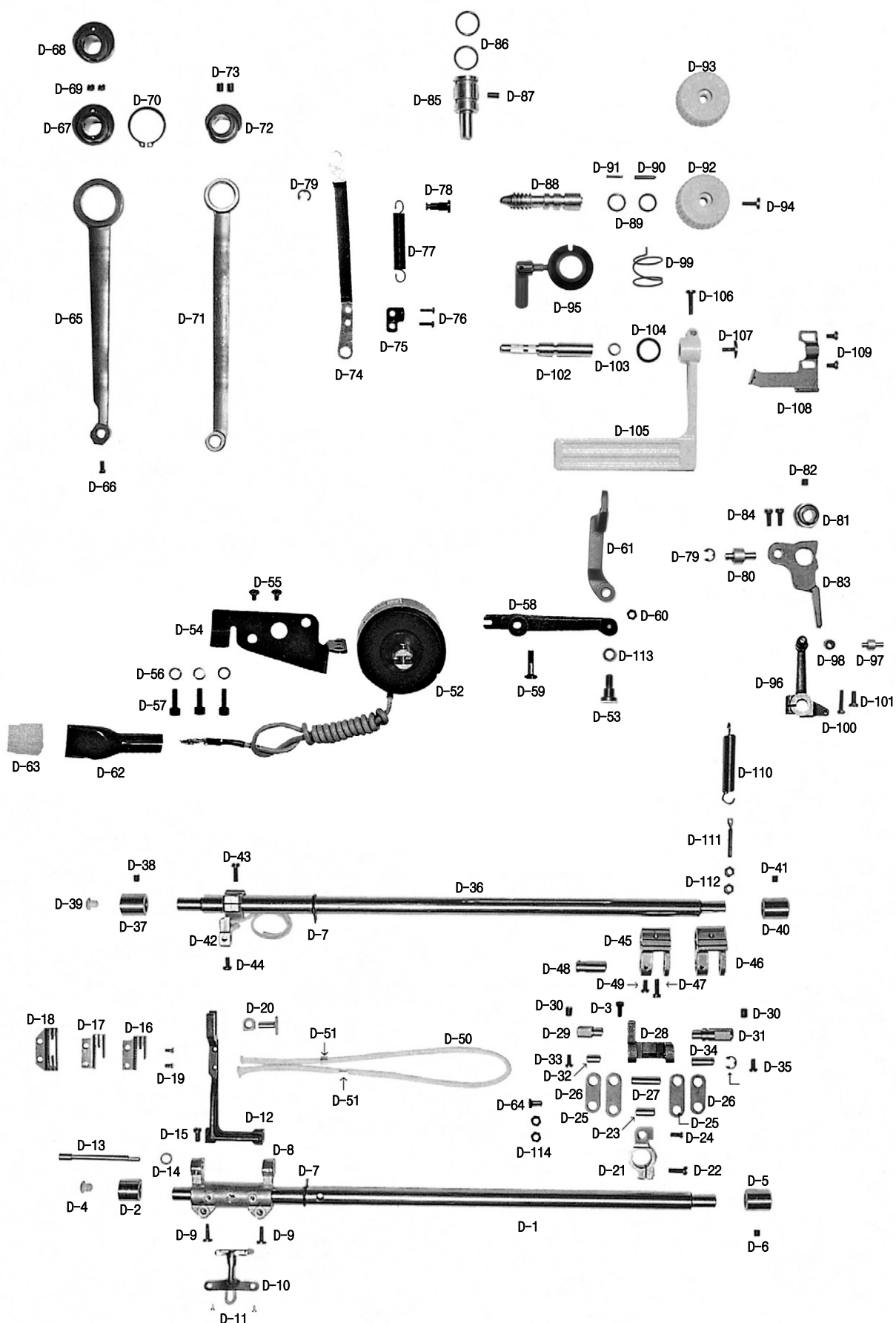


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D

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)	실체기 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	

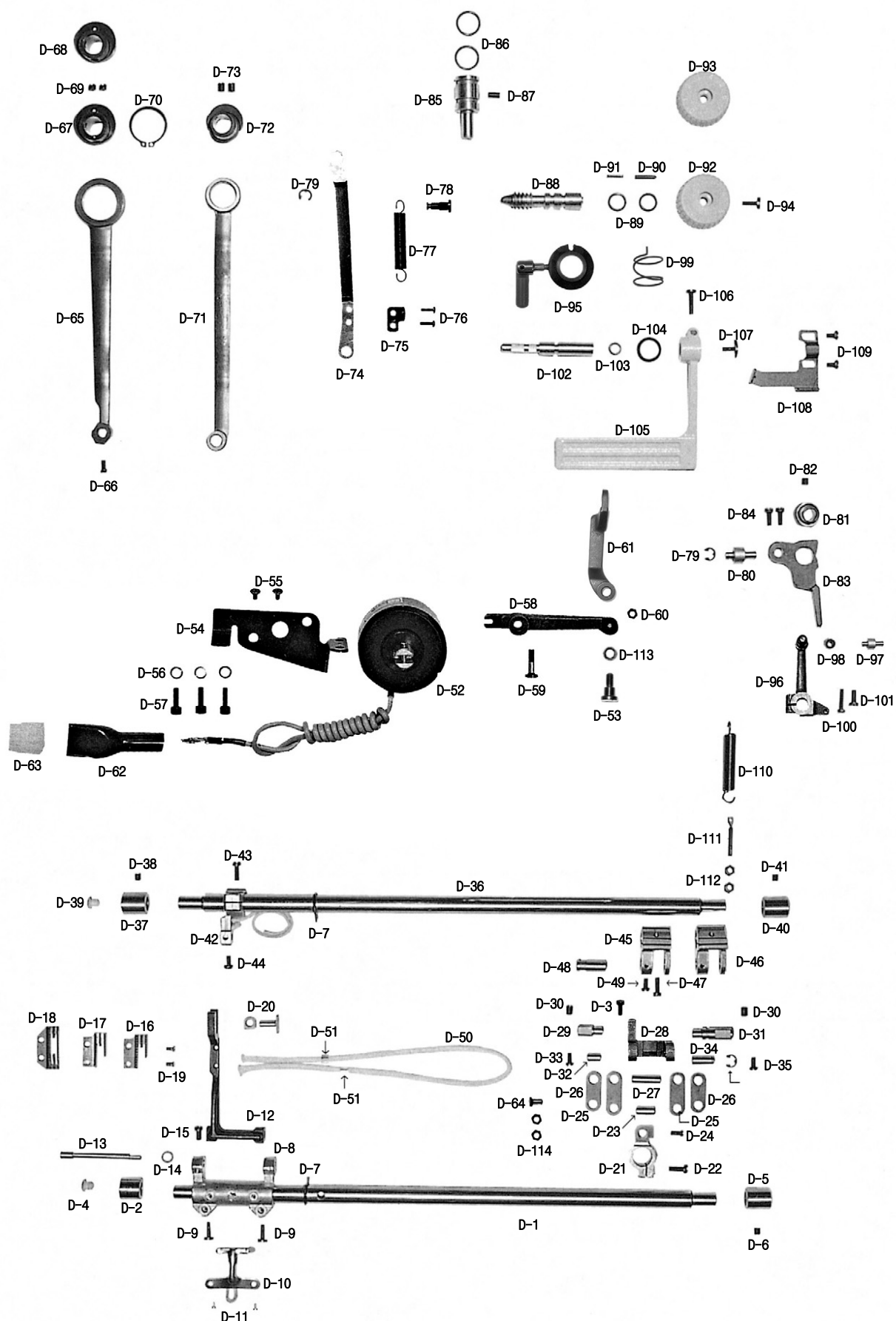
NOTE:

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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-CQ001101		Feed Regulating Dial-Insert Type	다이알 판(조)	1	Apr.03.12
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 커브 고정나사(11/64"n=40)	2	

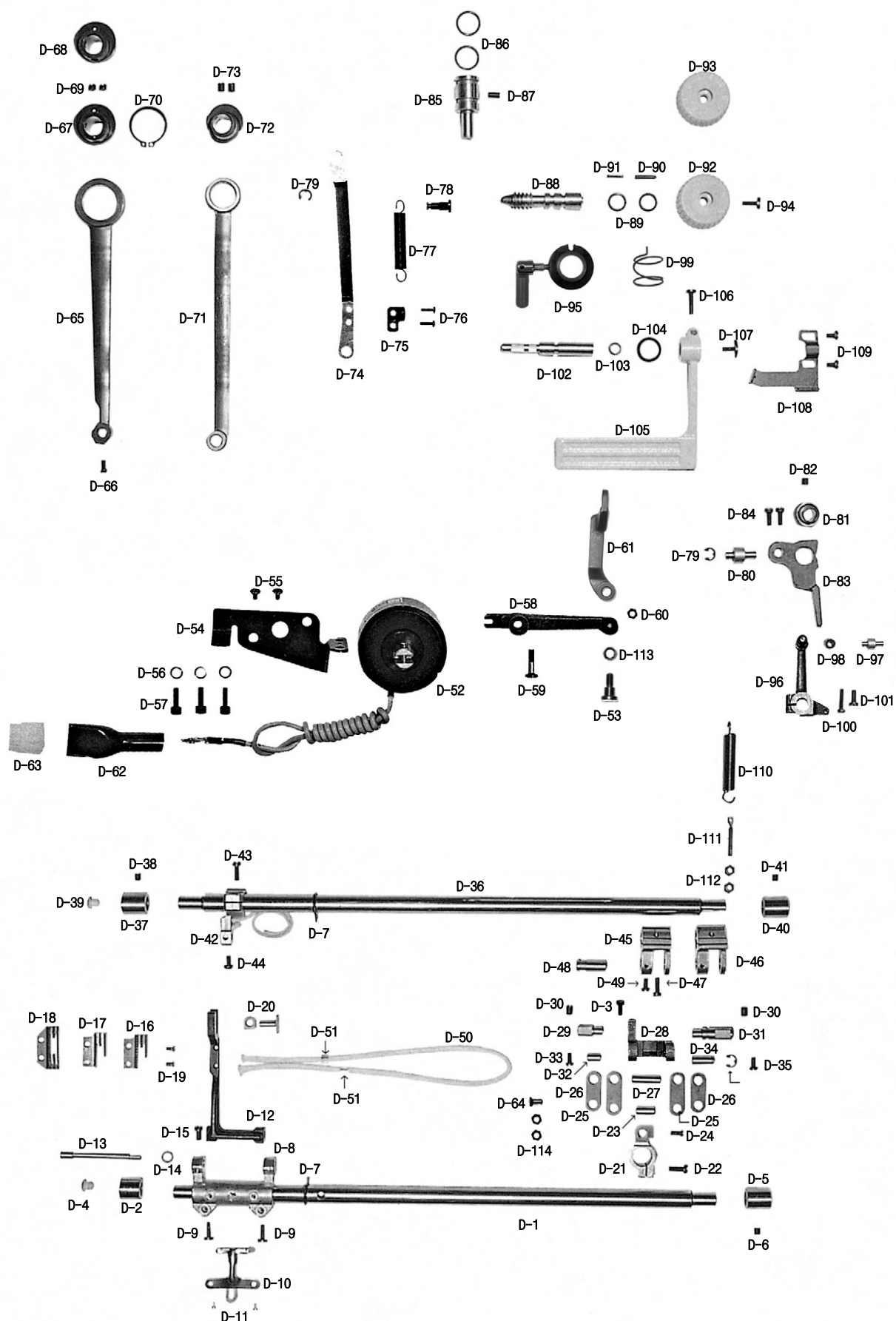
NOTE:

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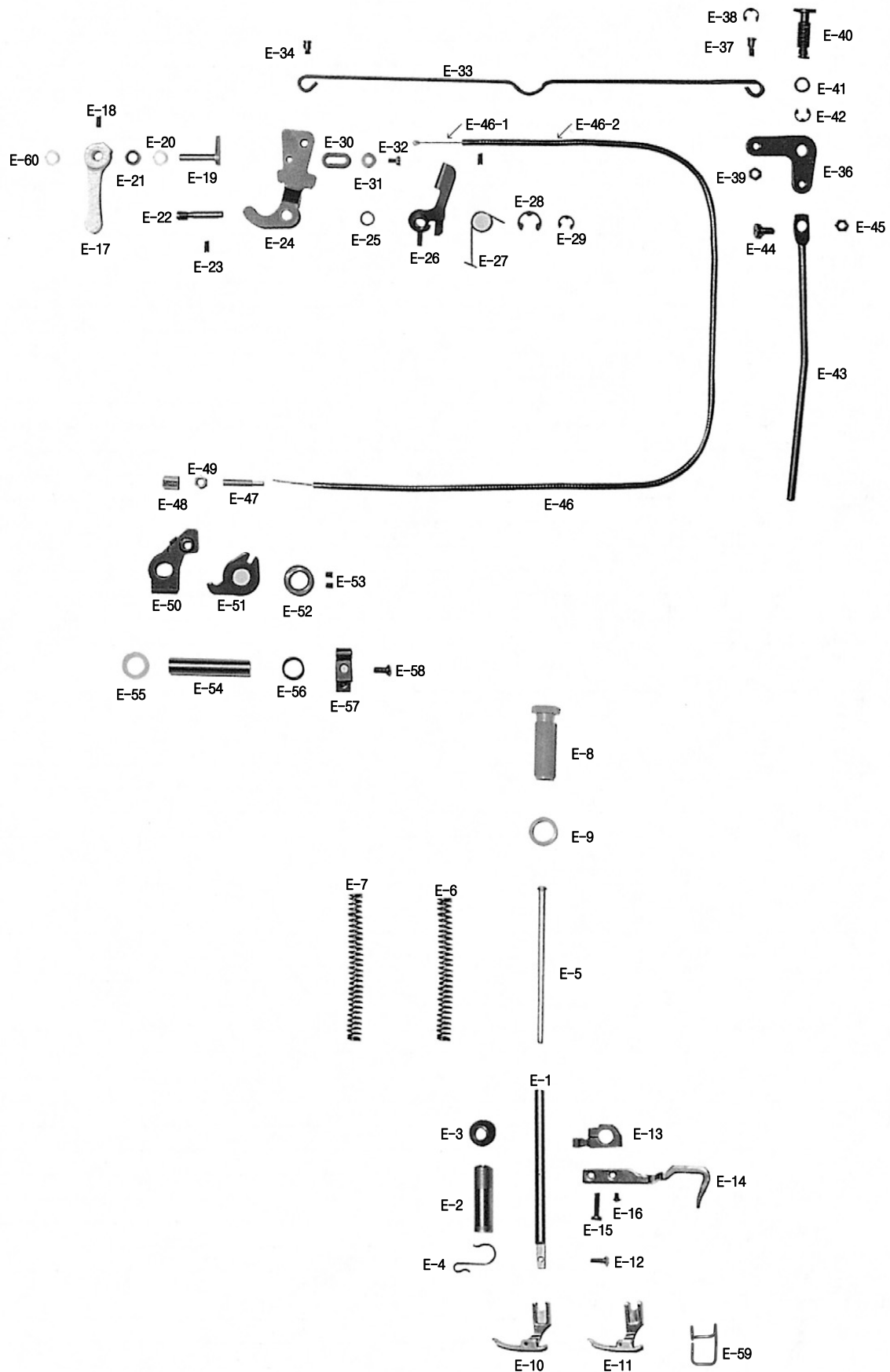
Feed Mechanism

피이드 관계



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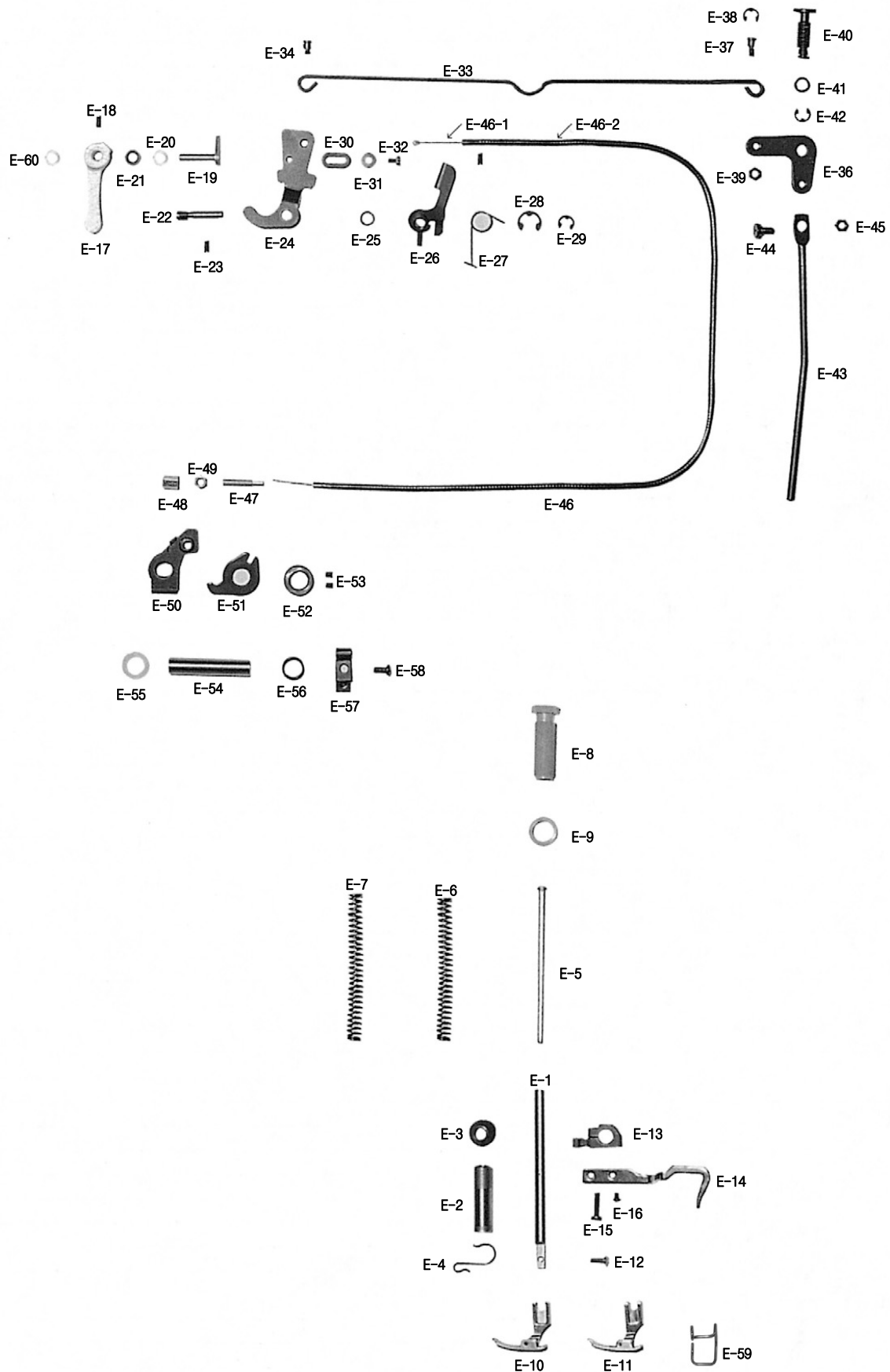
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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
E-1	CPB-KB000100		Presser Bar	누름대	1	
E-2	DBS-DA018200		Bushing	누름대 붓싱	1	
E-3	DPK-CZ000600		Rubber Cap	누름대 붓싱 캡	1	
E-4	CLB-BH000300		Retainer For Oil Tube	환류 파이프 잡이	1	
E-5	CPB-KC000300		Presser 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)	오픈너 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)	오픈너 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	

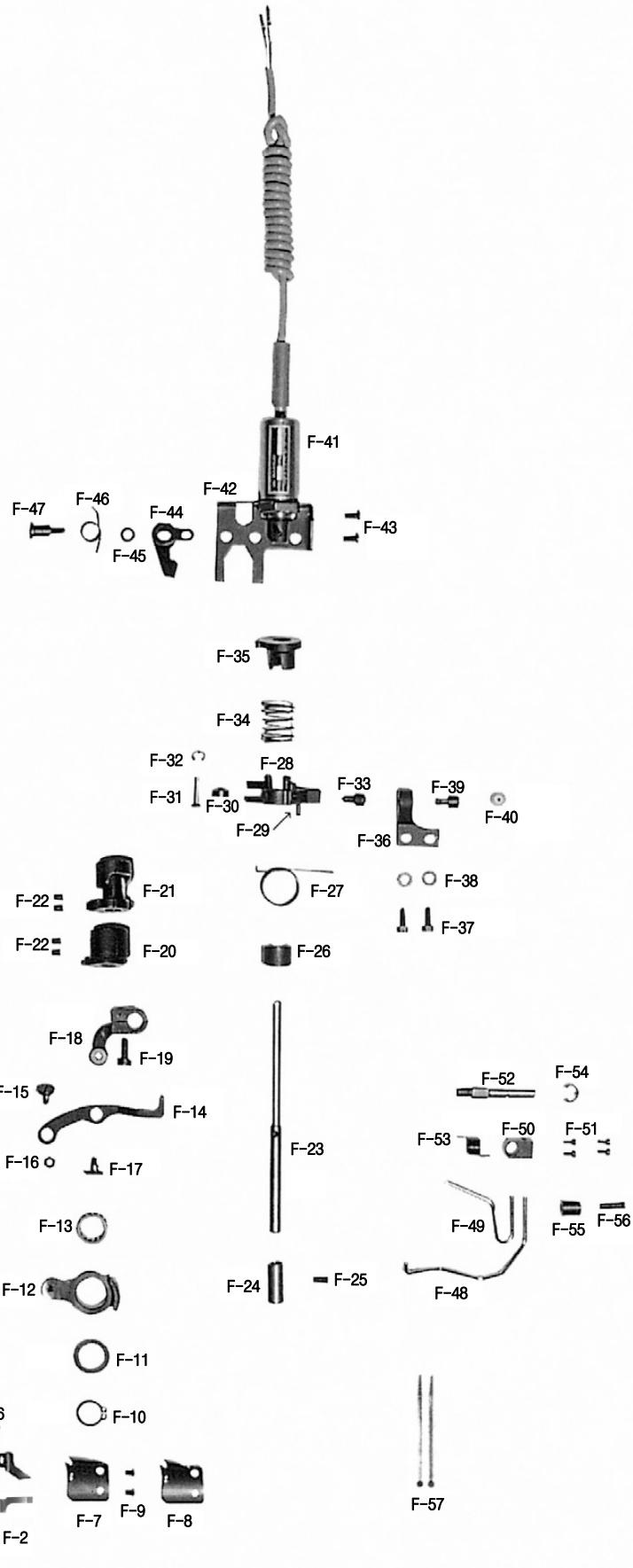
NOTE:

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NOTE:

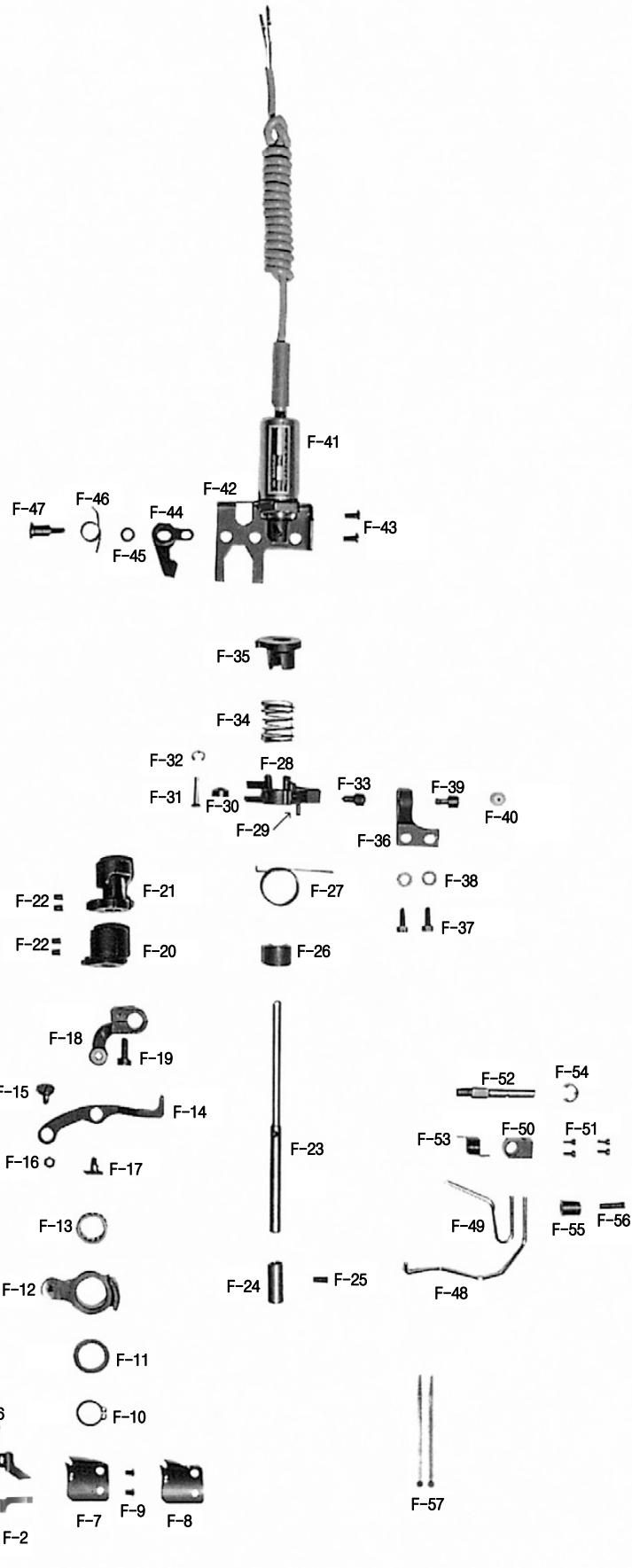
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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
F-1	CTT-NB000901		Fixed Mes	고정메스	1	
F-2	DSC-BB002000		Screw(9/64"n=40)	고정메스 고정나사(9/64"n=40)	1	
F-3	DSC-BF006200		Screw(1/8"n=40)	고정메스 장력 조절나사(1/8"n=40)	1	
F-4	DSN-AA001700		Nut(1/8"n=40)	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-CA001701		Connecting Link	연결 링크	1	Mar.07.12
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 볼트 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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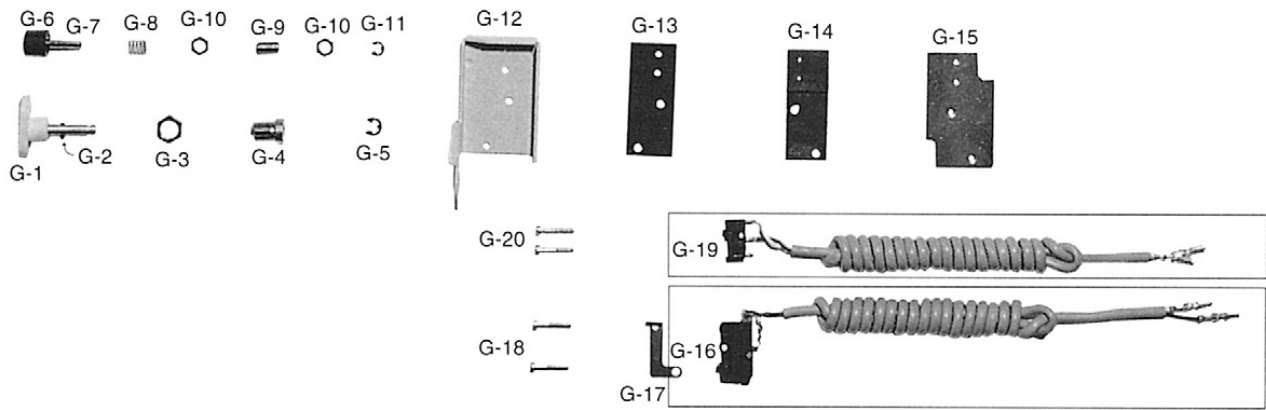
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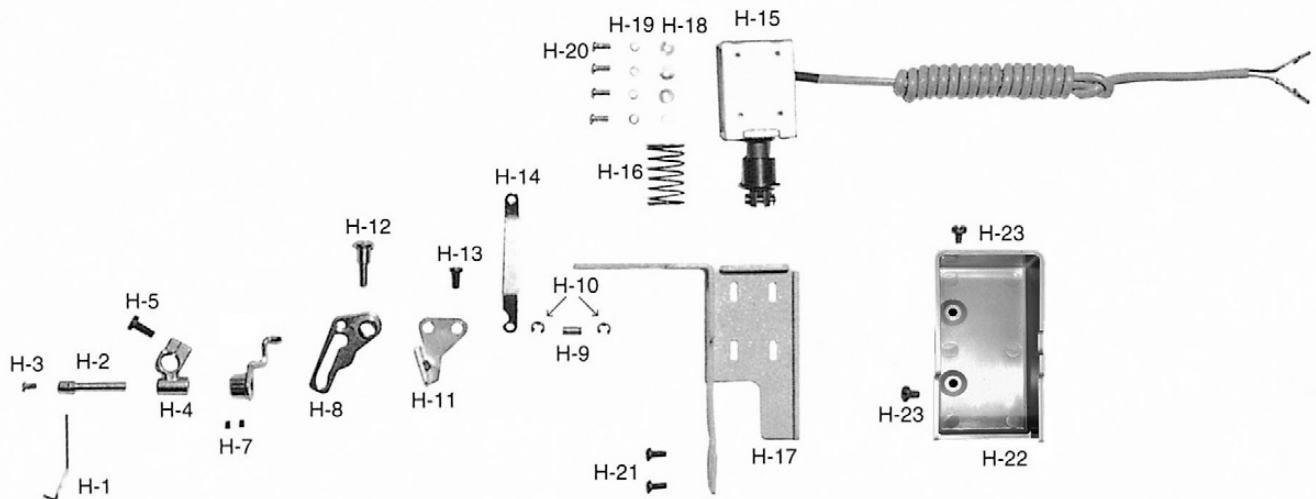
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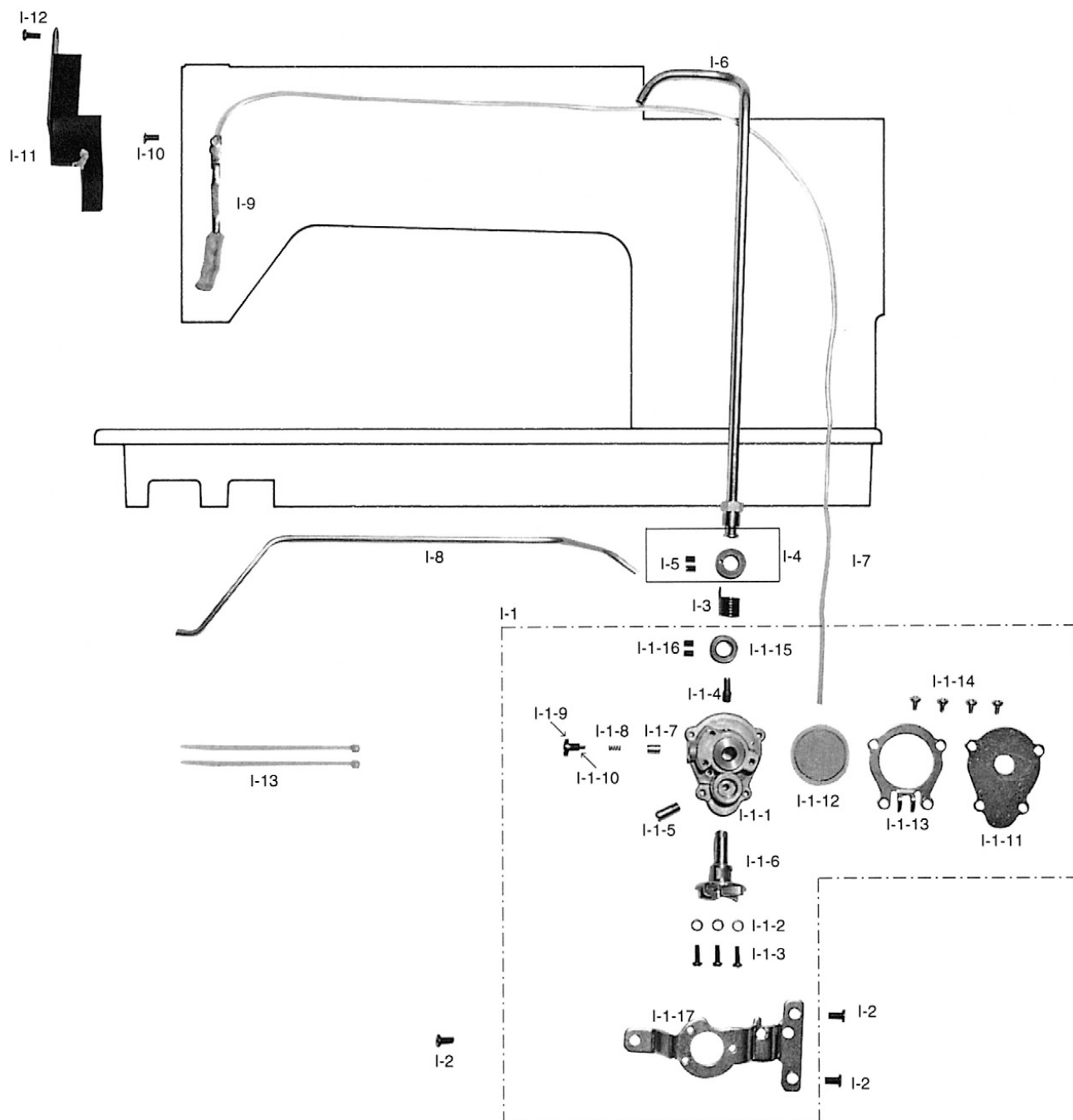
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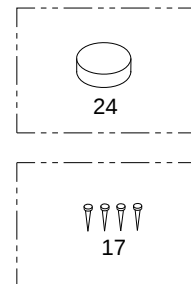
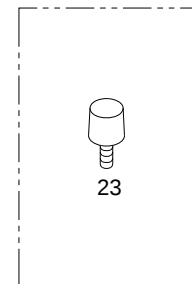
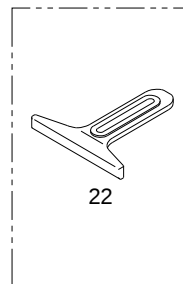
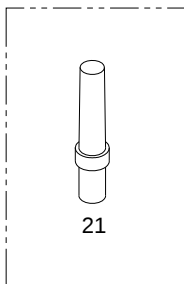
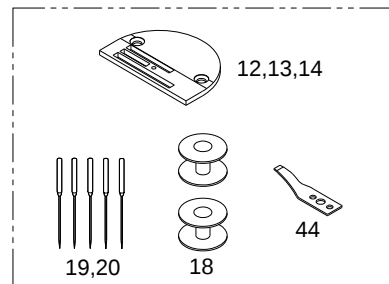
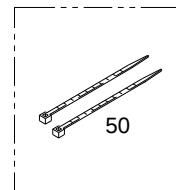
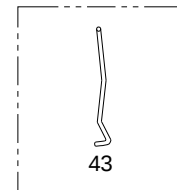
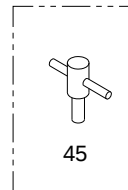
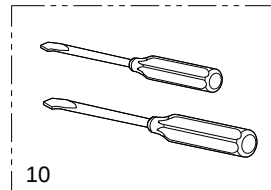
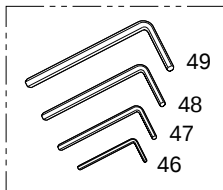
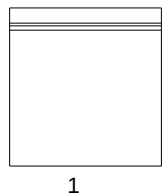
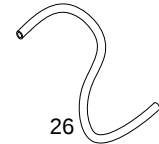
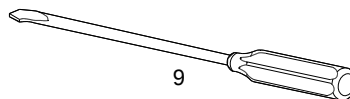
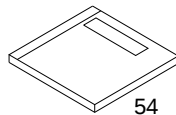
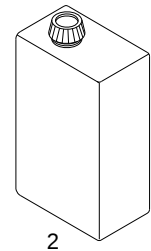
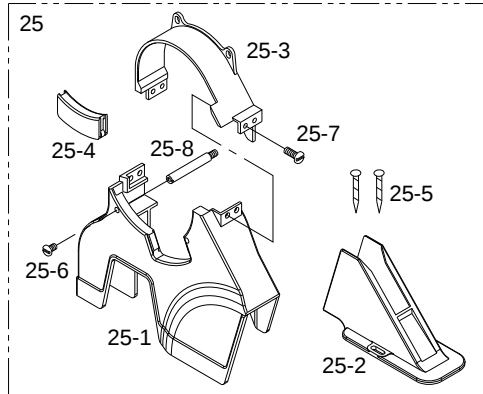
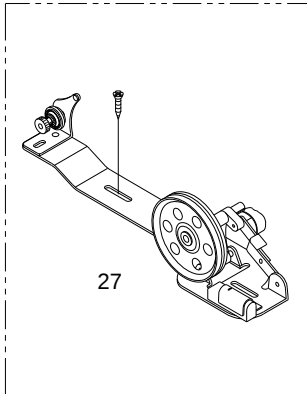
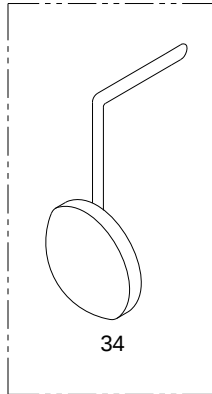
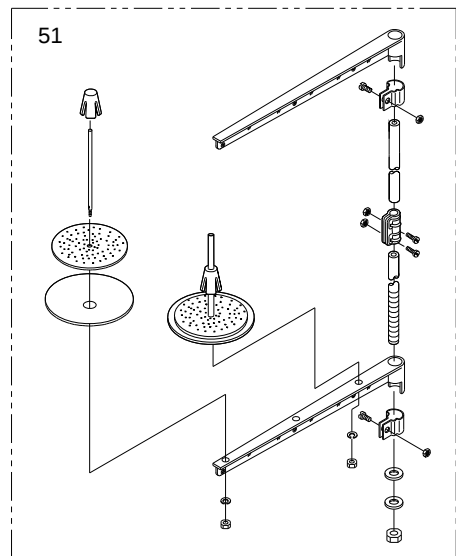
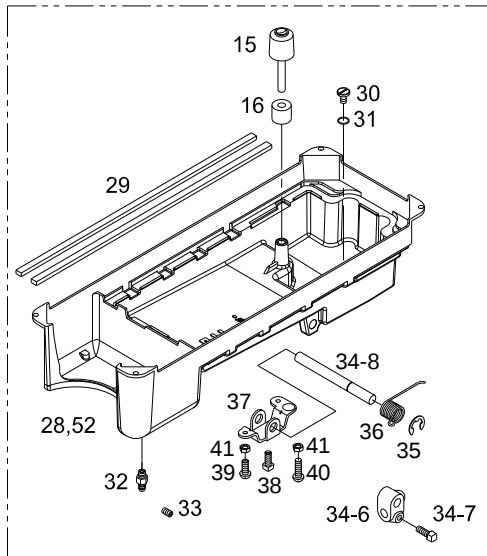
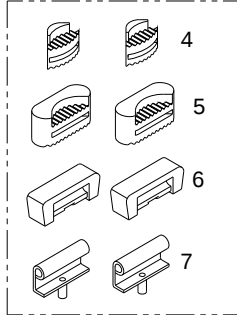
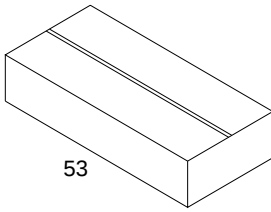
NOTE:

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J

Accessories Mechanism

액세서리 관계



Ref. No.	Parts No.	Note	Name of Parts	품 명	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-GA000201	A	Needle Plate	침판	1	Jun.18.12
J-13	CGA-GA002001	B	Needle Plate	침판	1	Jun.18.12
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)	피드캠 쥘나사(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 쥘나사	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	

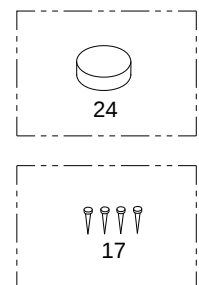
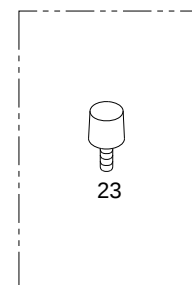
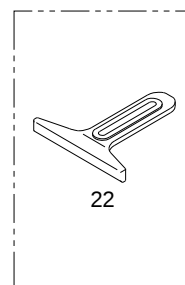
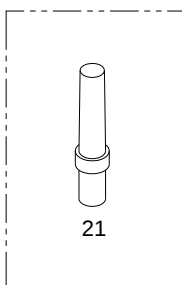
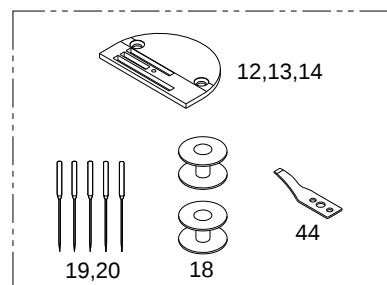
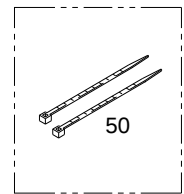
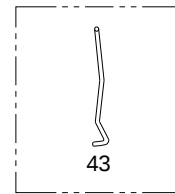
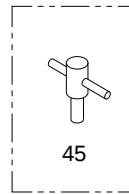
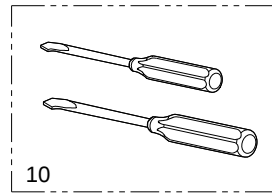
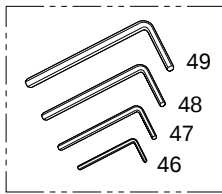
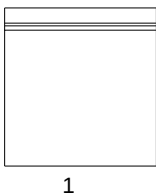
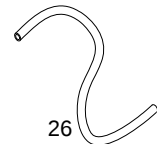
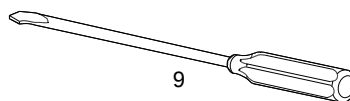
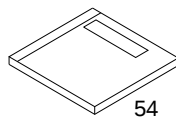
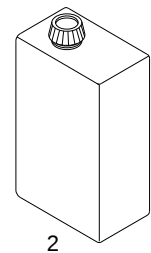
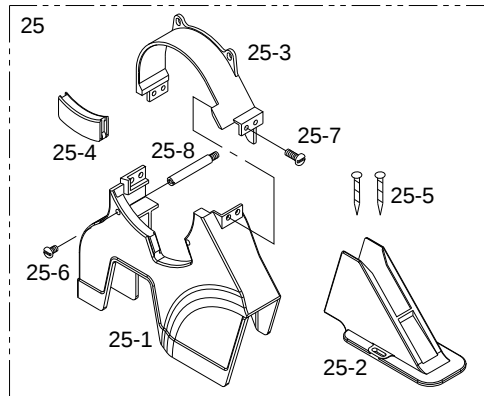
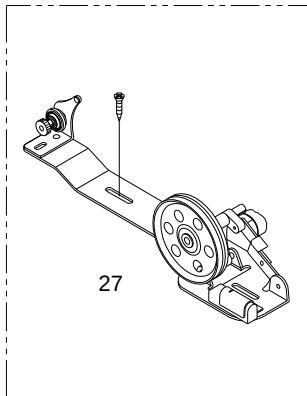
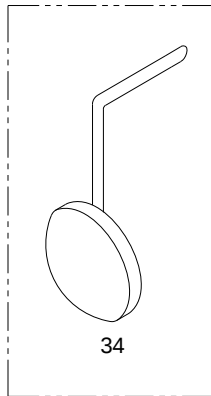
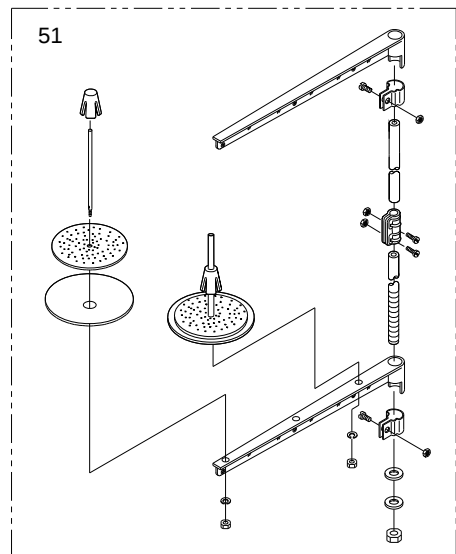
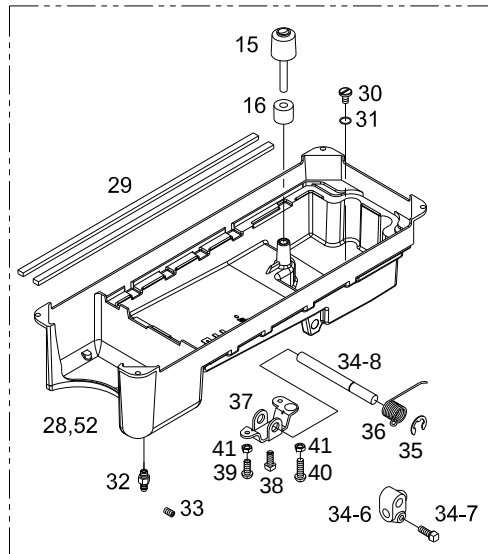
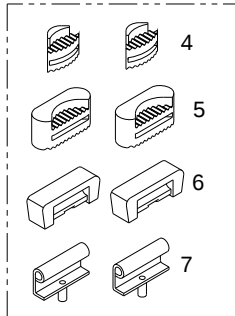
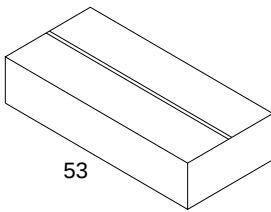
NOTE:

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B=KM-235B

J

Accessories Mechanism

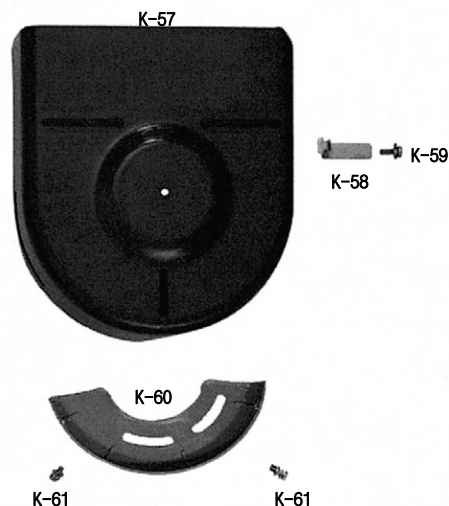
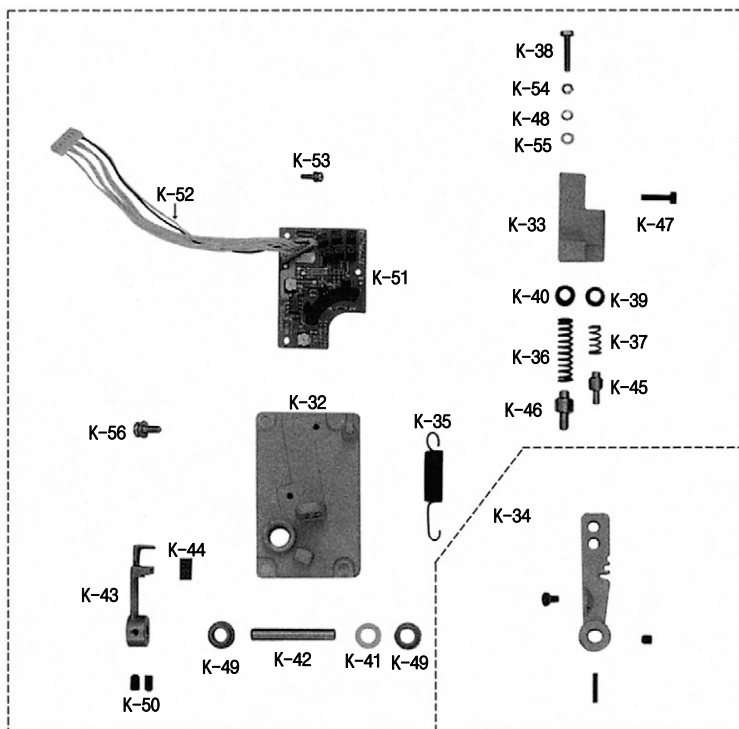
액세서리 관계



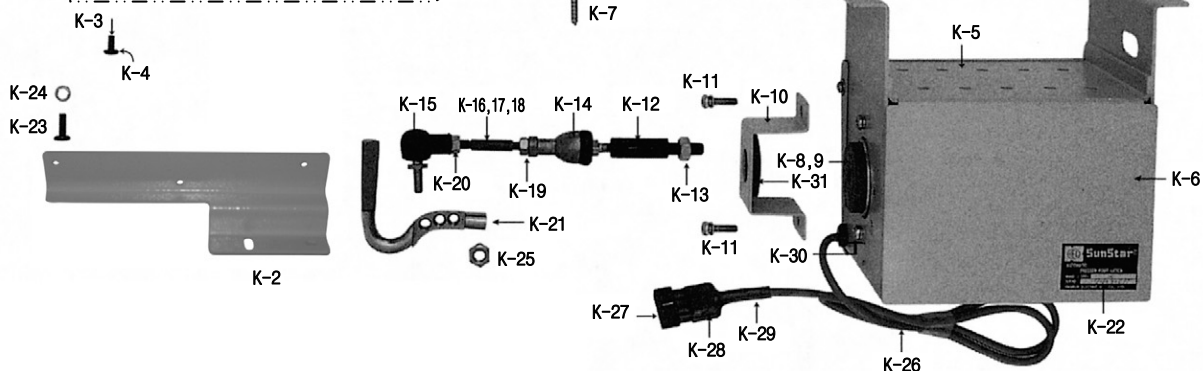
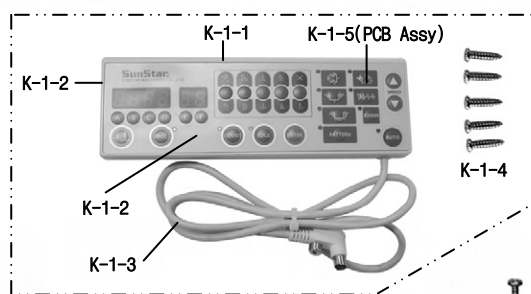
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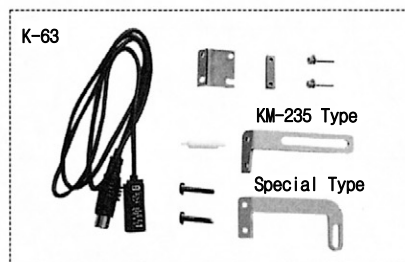
K-62



K-1



K-63



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-000255-04		P/U PCB Ass'y	P/U PCB Ass'y	1Set	Jun.26.12
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:

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



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

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