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# PARTS BOOK

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## **KM-1080BL**

본봉 총합송 Post Bed, 1본침  
자동 사절 재봉기

Post Bed, 1-Needle

Unison Feed Lock Stitch M/C

## **KM-1082BL**

본봉 총합송 Post Bed, 2본침  
자동 사절 재봉기

Post Bed, 2-Needle

Unison Feed Lock Stitch M/C

PME-110119

# Information

## A. Parts Book 구성

### Structure of Part Book

① **A** Arm, Bed & Machine Body Mechanism  
팔, 침대 및 의장품 관계

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④ ⑤ ⑥ ⑦ ⑧ ⑨

Ref. No.	Parts No.	Note	Name of Parts	품명	Q'ty	Assembly No.
A-1	01-12841-03		Arm	어ーム	1	
A-2	01-10073-06		Bed	침대	1	
A-4	01-02120-00		Face Plate	면판	1	
A-5	01-02044-12H		Face Plate Gasket	면판 가스켓	1	
A-6	01-1174-4122		Screw(L)104*mm2	볼트	10	
A-7	01-11011-123D		Rubber Cap For Face Plate	면판 고무캡	2	
A-9	01-00194-123D		Caution Sscrew	경고 스크류	1	
A-8	01-011973-00		Thermap Layer Cover	발열기 피막	1	
A-10	01-02020-00		Screw(S)104*mm2	볼트(S)104*mm2	1	
A-11	01-01746-00		Bed Cover(L)	침대 커버(좌)	1	
A-12	01-01441-123H		Bed Cover Gasket(L)	침대 커버 가스켓(좌)	1	
A-13	01-02643-123D		Screw(L)104*mm2	볼트(S)104*mm2	14	
A-13-1	45-0244-1000		Washer	와셔	2	
A-14	01-01750-00		Bed Cover(S)	침대 커버(우)	1	
A-15	01-01744-123H		Bed Cover Gasket(S)	침대 커버 가스켓(우)	1	
A-16	440211-100H		3-Tank Rubber Cap	3탱크 고무캡	1	
A-17	01-0274-123D		Thread Guide with Three Poles	세극용 실선지(3)	15Set	
A-19	01-0201-123D		Thread Guide(L)	실선지(좌)	1	
A-20	01-0202-123D		Thread Guide(R)	실선지(우)	3	
A-21	01-0300-123D		Thread Guide(S)	실선지(중)	1	
A-22	01-0643-00		Arm Thread Guide Assy	어ーム 실선지 실리(조)	1	
A-23	11-0175-750D		Nut	너트	1	
A-24	01-0203-123H		Thread Guide(S)	실선지(우)	1	
A-25	010270-100H		Ssicon Tank Assy	실리콘 탱크 실리(조)	15Set	
A-26	010206-100H		Ssicon Tank	실리콘 탱크 부품	1	
A-27	010206-100H		Ssicon Oil Window	실리콘 유량 창	1	
A-28	010240-100H		Ssicon Part	실리콘 부품 실리(조)	1	
A-29	01-1305-00		Part for Ssicon Oil Supply	실리콘 기름 공급 부품실리	1	
A-30	01-0164-123D		Screw(L)104*mm2	볼트(S)	1	
A-31	04-0241-123D		Arm Upper Part Rubber Cap	어ーム 상부 고무 캡	2	
A-33	04-0201-123H		Needle Bar Rubber Cap	바늘봉 고무 캡	1	
A-34	01-0420-142L		Rubber Cap(L)	고무캡(좌)	4	
A-35	44-02111-7400		Rubber Cap(S)	고무캡(중)	7	
A-36	01-0175-123H		Bed Rubber	침대 고무	1	
A-37	01-01917-00		Welder (Ssicon)H	인열 스티커-수용용	1	
A-38	01-01918-00		M Welder (Ssicon)H	인열 스티커-인열용	1	
A-39	01-01919-00		L Welder (Ssicon)H	인열 스티커-인열용	1	
A-40	01-01920-00		K Welder (Ssicon)H	인열 스티커-인열용	1	
A-41	01-02110-123H		Tap Cover	타프 커버 실리(조)	2	
A-42	01-0214-123H		Tap Cover	타프 커버	1	
A-43	41-014-123H		Ssicon Winder Assy	실리콘(조)	15Set	
A-44	41-02015-100H		Ssicon Winder (Ssicon Assy)	실리콘 실리(조)	1	
A-45	41-0205A-123H		Ssicon Winder (Ssicon)	실리콘 부품	1	
A-46	01-0206-00	S. Gsm	Ssicon (Ssicon)	실리콘 부품 실리(조)	1	
A-47	01-0207-750D		Screw(S)	볼트(S)	1	
A-48	41-0208-100H		Ssicon Winder	실리콘 실리(조)	1	
A-49	01-0104-550T		Screw(L)104*mm2	볼트(S)	2	
A-50	41-0209-100H		Ssicon Winder Action Ring	실리콘 실리(조)	1	
A-51	41-0210-100H		Ssicon Winder (Ssicon) Rubber Ring	실리콘 실리(조) 고무링	1	
A-52	41-0211-100H		Ssicon Winder (Ssicon)	실리콘 실리(조)	1	
A-53	41-02115-100H		Ssicon Winder Adjusting Plate	실리콘 조정판	1	
A-54	01-0130-123D		Screw(L)104*mm2	볼트(S)104	1	
A-55	01-01194-123D		Washer	와셔	1	
A-56	41-02115-100H		Ssicon Winder (Ssicon) (Ssicon)	실리콘 실리(조)	1	
A-57	41-02145-100H		Ssicon Winder Adjusting Term	실리콘 조정판	1	
A-58	0102150-0413		Screw(M)4x2.7	볼트(S)	1	

Note: P= Heavy Material(중량재), M=Medium Material(중량재), M= Pneumatic Heavy Material(공압식 중량재)  
L= Light Material(저중량), K=Kitt Material(커트재), EL=Large Shuble Hole(대 시틀 홀)

①:관계 별 고유 코드

Unique code by mechanism

②:관계 별 고유 명칭

Unique name by mechanism

③:관계도

Explode view

④Ref.No.:파트별 고유 식별 번호

Unique identification number by part

⑤Parts No.:고유 제품 코드

Unique Product code

Ex)

구분 Category	Code	비고 remarks
구 부품 Old part	01-030C-1230	
신 부품 New Part	AS-000000-00	조(조) 파트 Set parts
	GP-000000-00	기구적 파트 Instrumental parts
	EP-000000-00	전기적 파트 Electrical parts

⑥Note:공지사항 표기 및 메모

Refers to notice and memo

⑦품

명:파트의 고유 품명

Name of Part:Unique name of parts

⑧Q'ty :파트의 수량

The number of parts

⑨Assembly no.:조(조) 파트의 식별 번호

Unique identification number by set part

# Warning

1. 조에 속한 파트는 개별 조립 시 제품의 파손 또는 재봉 불량일 수 있어 해당 파트에 대한 주문 시에는 조 품목으로만 구입이 가능합니다.
2. 본 책자는 Parts Book으로 제작되었으므로 매뉴얼로 사용 불가합니다.
3. 사전 예고 없이 사양이 변경 될 수도 있습니다.

1. The parts classified as ass'y items may cause damage to the machine or bad sewing when they are separately assembled. Hence, when they are ordered, they can be purchased as ass'y items only.
2. This is a parts book. It cannot be used as a manual.
3. Parts are Subject to change in Design Without Prior Notice.



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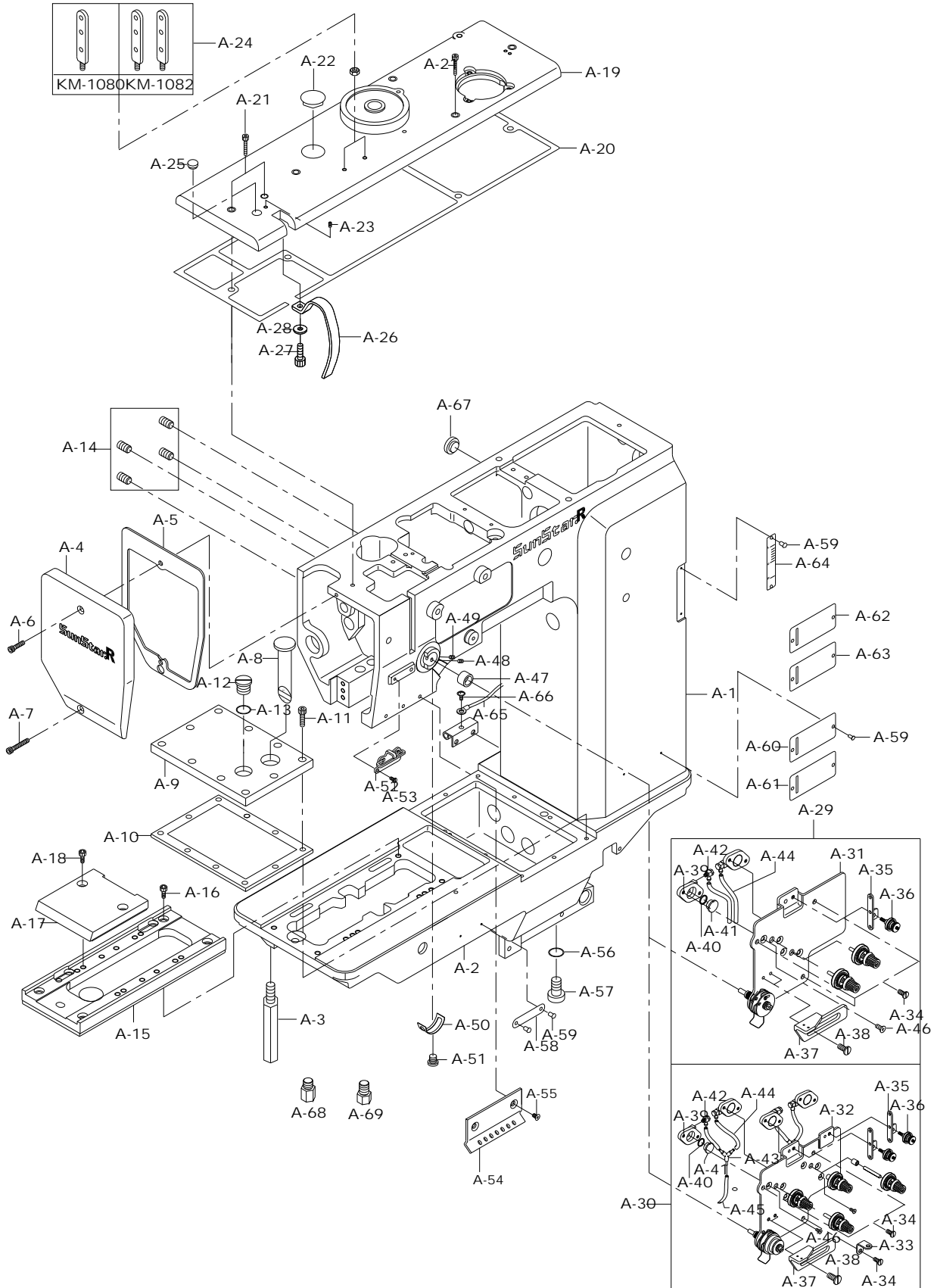
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# A

## Machine Body Mechanism

### 외장 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Applied Period
					A	B	C	D	
A-1	GP-019597-14		Arm	암	1	1	1	1	Jan.19.11
	GP-019597-13		Arm	암	1	1	1	1	Aug.20.10
	GP-019597-12		Arm	암	1	1	1	1	Dec.12.29
	GP-019597-11		Arm	암	1	1	1	1	Nov.11.08
	GP-019597-08		Arm	암	1	1	1	1	
A-2	GP-019598-08		Bed	베드	1	1	1	1	Aug.20.10
	GP-019598-07		Bed	베드	1	1	1	1	Oct.16.09
	GP-019598-06		Bed	베드	1	1	1	1	Aug.21.08
A-3	GP-029328-00		Bed Support (M10xP1.5)	베드 다리	1	1	1	1	
A-4	GP-031129-02		Face Plate	면판	1	1	1	1	
A-5	GP-019630-03		Gasket For Face Plate	면판 가스켓	1	1	1	1	
A-6	08076SC-4113		Screw (M5xP0.8, L=12)	면판 고정 나사 상	1	1	1	1	
A-7	08062SC-4113		Screw (M5xP0.8, L=20)	면판 고정 나사 하	1	1	1	1	
A-8	01-055A-106L		Oil Gauge	오일 게이지	1	1	1	1	
A-9	GP-019722-00		Bed Cover	베드 커버	1	1	1	1	
A-10	GP-019723-00		Gasket For Bed Cover	베드 커버 가스켓	1	1	1	1	
A-11	08076SC-4113		Screw (M5xP0.8, L=12)	베드 커버 고정 나사	10	10	10	10	
A-12	01-053S-106L		Screw For Oil Gate	오일 주유구 나사	1	1	1	1	
A-13	01-054W-106L		Washer	오일 주유구 나사 와셔	1	1	1	1	
A-14	SC-0354-7500		Screw (M6xP1, L=8)	나사	4	4	4	4	
A-15	GP-018710-03		Base For Saddle	흑 받침 베이스	1	1	1	1	Dec.23.08
A-16	08037SC-120D		Screw For Base (M6xP1, L=8, )	흑 받침 베이스 고정 나사	4	4	4	4	
A-17	GP-020435-01		Base Cover For Saddle	흑 받침 베이스 커버	1	1			
A-18	SC-000153-00		Screw For Base Cover	흑 받침 베이스 커버 고정나사	2	2			
A-19	GP-016690-04		Top Cover	윗뚜껑	1	1	1	1	
A-20	GP-016692-00		Gasket For Top Cover	윗뚜껑 가스켓	1	1	1	1	
A-21	08062SC-4113		Screw (M5xP0.8, L=20)	윗뚜껑 고정나사	5	5	5	5	
A-22	01-018M-9570		Rubber For Top Cover	윗뚜껑 고무마개 (Climb-Device 부)	1	1	1	1	
A-23	01-112R-1230		Screw(M8XP1.25)	윗뚜껑 램프 고정부 나사	1	1	1	1	
A-24	01-016A-2350		Thread Guide Bar For Top Cover	윗뚜껑 실안내 봉	1	1	2	2	
A-25	44-021R-7400		Rubber For Needle Bar Hole	바늘대 구멍 고무 마개	1	1	1	1	
A-26	GP-016343-00		Cover For Thread Take-Up Lever	실채기 커버	1	1	1	1	
A-27	02015SC-4113		Screw (M4XP0.7)	실채기 커버 고정 나사	1	1	1	1	
A-28	06-036W-3800		Washer	실채기 커버 고정 나사 와셔	1	1	1	1	
A-29	AS-006492-00		Thread Tension Control Ass'y	실조절 장치 (조)	1set	1set			
A-30	AS-006493-00		Thread Tension Control Ass'y	실조절 장치 (조)			1set	1set	
A-31	GP-028164-00		Thread Tension Adjusting Plate	실 조절 장치 판	1	1			
A-32	GP-028127-00		Thread Tension Adjusting Plate	실 조절 장치 판			1	1	
A-33	GP-001594-00		Thread Guide	윗실 가이드			1	1	
A-34	01S104S-306H		Screw (11/64" n=40)	실 조절장치 판 고정나사	3	3	3	3	
A-35	01-023C-106L		Arm Thread Guide (U)	암 실안내 (상) 가이드	1	1	2	2	
A-36	AS-000345-00		Arm Thread Guide Ass'y (U)	암 실안내 (상) (조)	1set	1set	2set	2set	
A-37	01-032C-106L		Arm Thread Guide	실 조절장치 실안내	1	1	1	1	
A-38	01-029S-106L		Screw (9/64" n=40)	실 조절장치 실안내 고정나사	2	2	2	2	
A-39	AS-006645-00		Cylinder Ass'y	실 조절장치 실린더(조)	2set	2set	4set	4set	
A-40	GP-029148-00		Oil Seal For Piston	피스톤 오일 씬	2	2	4	4	
A-41	GP-028128-00		Piston	피스톤	2	2	4	4	
A-42	GP-029151-00		Cylinder Nipple	실린더 니플	2	2	4	4	
A-43	GP-029211-00		Y-Type Terminal	공압용 Y-타입 터미널			2	2	
A-44	05A039S-811H		Urethane Hose (Φ4, L=150mm)	우레탄 호스(Φ4)			4	4	
A-45	05A039S-811H		Urethane Hose (Φ4)	우레탄 호스(Φ4)	2	2	2	2	
A-46	SC-000736-00		Screw (M4XP0.7, L=10)	실린더 고정나사	4	4	8	8	
A-47	GP-028130-01		Bushing For Thread Tension Control	실조절 장치 부싱	1	1	1	1	
A-48	SC-0105-7500		Screw (M4XP0.7, L4)	실조절 장치 축 부싱 고정나사	1	1	1	1	
A-49	SC-0164-2700		Screw (M5XP0.8, L5)	실조절 장치 붓싱 고정나사	1	1	1	1	
A-50	01-019C-7400		Stopper For Thread Take-up Spring	실채기 스프링 스톱퍼	1	1	1	1	

Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7











Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Assembly No.
					A	B	C	D	
B-1	GP-016223-01		Upper Shaft	상축	1	1	1	1	
B-2	GP-015705-01		Link Cam	링크 캠	1	1	1	1	
B-3	SC-001265-00		Screw (9/32" n=28)	링크 캠 고정 나사 "A"	1	1	1	1	
B-4	SC-0100-3710		Screw (9/32" n=28)	링크 캠 고정 나사 "B"	1	1	1	1	
B-5	SC-000904-00		Screw (15/64" n=28)	바늘대 크랭크 축 고정 나사 "A"	1	1	1	1	
B-6	SC-A117-5607		Screw (1/4" n=40)	바늘대 크랭크 축 고정 나사 "B"	1	1	1	1	
B-7	GP-015711-00		Upper Shaft Balance	상축 밸런스	1	1	1	1	
B-8	SC-0167-7900		Screw ((M8xP1.25)	상축 밸런스 고정용 나사	1	1	1	1	
B-9	BR-000096-00		Upper Shaft Bearing (F) [6204ZZC3NR]	상축 전 베어링	1	1	1	1	
B-10	02-010A-106L		Upper Shaft Bearing (M) [62/22ZZ]	상축 중 볼 베어링	1	1	1	1	
B-11	GP-015977-00		Bearing Bushing For Upper Shaft Bearing (M)	상축 중 베어링 붓싱	1	1	1	1	
B-12	SC-0317-2700		Screw (15/64" n=28)	상축 중 베어링 붓싱 고정나사	2	2	2	2	
B-13	GP-016492-01		Bobbin Winder Driving Wheel	실감기 구동 휠	1	1	1	1	
B-14	05008MC-4517		Screw (M5xP0.8 L=8)	실감기 구동 휠 고정나사	2	2	2	2	
B-15	GP-020373-00		Timing Pulley For Upper Shaft	상축 타이밍 풀리	1	1	1	1	
B-16	08037SC-4517		Screw (M6xP1, L=8, L=10, )	상축 타이밍 풀리 고정나사	2	2	2	2	
B-17	BE-000324-00		Timing Belt	타이밍 벨트	1	1	1	1	
B-18	02-016A-106L		Upper Shaft Bearing (R) [6304ZZC3NR]	상축 후 베어링	1	1	1	1	
B-19	GP-015978-00		Bearing Bushing For Upper Shaft Bearing (R)	상축 후 베어링 붓싱	1	1	1	1	
B-20	SC-0317-2700		Screw (15/64" n=28)	상축 후 베어링 붓싱 고정나사	2	2	2	2	
B-21	GP-015991-01		Pulley	풀리	1	1	1	1	
B-22	SC-0150-4122		Screw (15/64" n=28)	풀리 고정나사	2	2	2	2	
B-23	02-019R-9570		Pulley Cover	풀리 커버	1	1	1	1	
B-24	02-020S-9570		Screw (M6xP1.0)	풀리 커버 고정나사	1	1	1	1	
B-25	SSKM-0000004		Synchronizer	싱크로 (내장형)	1	1	1	1	
B-26	SC-0202-5050		Screw (3/16" n=28)	싱크로 (내장형) 고정나사	2	2	2	2	
B-27	11-020A-2500		Magnetic Holder	마그네틱 홀더	2	2	2	2	
B-28	11-022W-2500		Washer For Magnetic Holder	마그네틱 홀더 와셔	2	2	2	2	
B-29	11-021S-2500		Screw (M5xP0.8)	마그네틱 홀더 고정 나사	2	2	2	2	
B-30	AS-006093-00		Thread Take Up Lever Ass'y	실채기 (조)	1set	1set	1set	1set	
B-31	GP-020377-00		Thread Take Up Lever	실채기	1	1	1	1	
B-32	BR-000155-00		Bearing (B) (Φ8 X Φ22 X 10.3t)	실채기 베어링 (대) (Φ8 X Φ22 X 10.3t)	1	1	1	1	
B-33	08-002A-9570		Bearing (S)	실채기 베어링 (소)	1	1	1	1	
B-34	GP-021988-00		Eyelet For Thread Take Up Lever	실채기 아일렛	1	1	1	1	
B-35	GP-020376-03		Thread Take Up Lever Crank	실채기 크랭크	1	1	1	1	
B-36	08-007A-106L		Bearing	실채기 크랭크 베어링	2	2	2	2	
B-38	08-008S-106L		Stud Screw	실채기 크랭크 단나사	1	1	1	1	
B-39	08-009W-106L		Washer	실채기 크랭크 단나사 와셔	2	2	2	2	
B-40	11-017C-7507		Nut	실채기 크랭크 단나사 너트	1	1	1	1	
B-41	PN-000296-03		Hinge Pin For Thread Take Up Lever	실채기 힌지 핀	1	1	1	1	
B-42	05008MC-4517		Screw (M5xP0.8 L=8)	실채기 힌지 핀 고정나사	1	1	1	1	
B-43	08-013A-106L		Bushing For Hinge Pin	실채기 힌지 핀 붓싱	1	1	1	1	
B-44	05008MC-4517		Screw (M5xP0.8 L=8)	실채기 힌지 핀 붓싱 고정나사	1	1	1	1	
B-45	GP-035300-00		Needle Bar (One Needle)	바늘대 (1본침)	1	1			
B-46	GP-035301-00		Needle Bar (Two Needle)	바늘대 (2본침)			1	1	
B-47	GP-028792-01		Needle Holder	바늘대 실안내	1	1			
B-48	SC-0536-7500		Screw(3/32" n=56)	바늘대 실안내 고정나사	1	1			
B-49	SC-000271-00		Screw(9/64" n=40)	바늘 고정나사	1	1			
B-50	GP-025559-00		Needle (DPx35 #19)	바늘 (DPx35 #19)	1	1	2	2	
B-51	03071SC-4113		Screw	바늘 잡이 고정나사			1	1	
B-52	GP-019023-01		Needle Bar Holder	바늘대 잡이	1	1	1	1	
B-53	SC-000845-00		Screw[M4xP0.7 L=10]	바늘대 잡이 고정나사 "A"	2	2	2	2	
B-54	08007SC-4517		Screw[M3,L=5]	바늘대 잡이 고정나사 "B"	1	1	1	1	
B-55	GP-018956-00		Needle Bar Guide Block	바늘대 안내 블록	1	1	1	1	
B-56	SC-000592-00		Block Screw	안내블록 나사	1	1	1	1	
B-57	GP-020375-02		Needle Bar Crank Rod	바늘대 크랭크 로드	1	1	1	1	

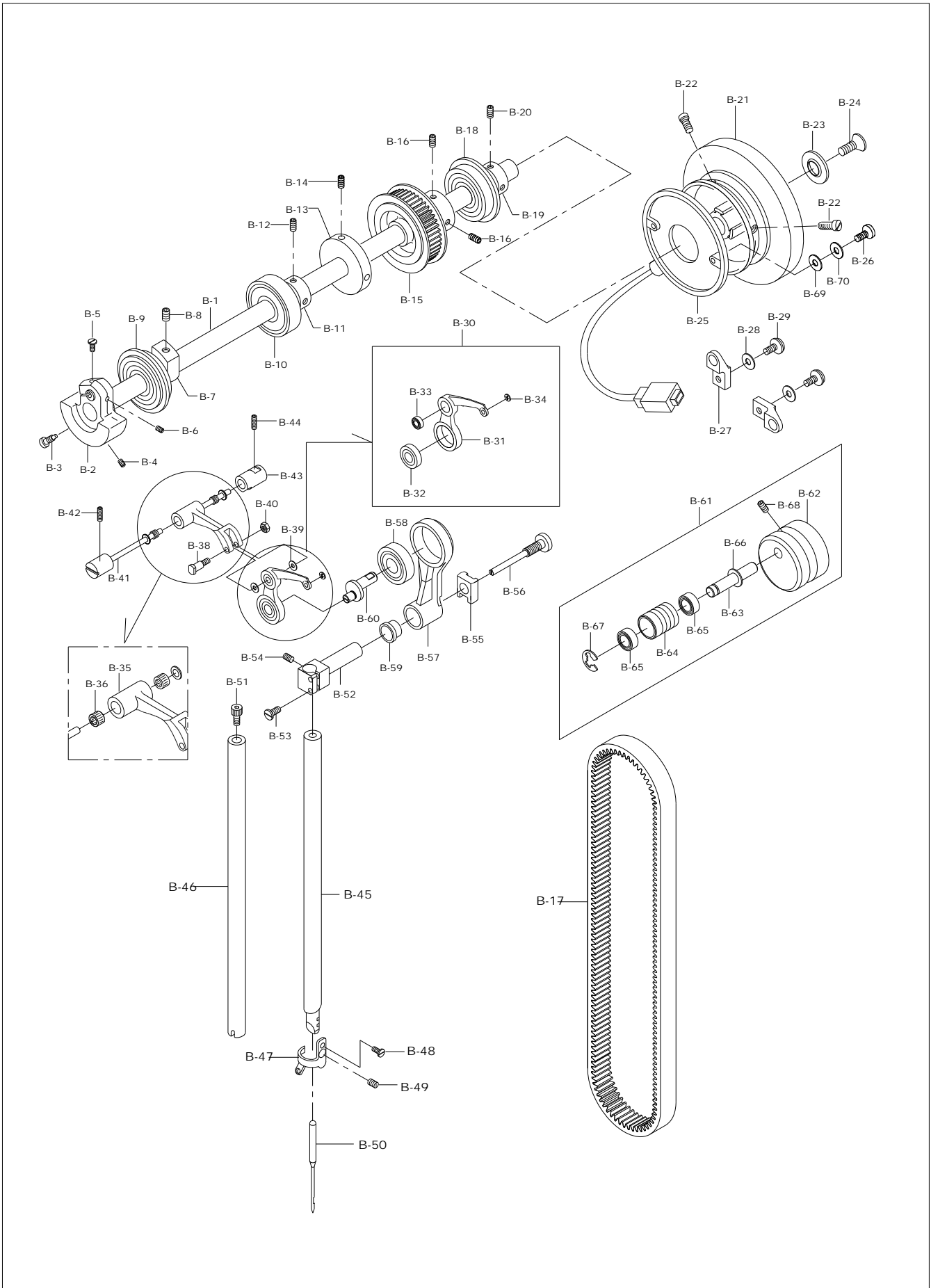
Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7

# B

## Upper Shaft & Thread Take Mechanism

### 상축 관계

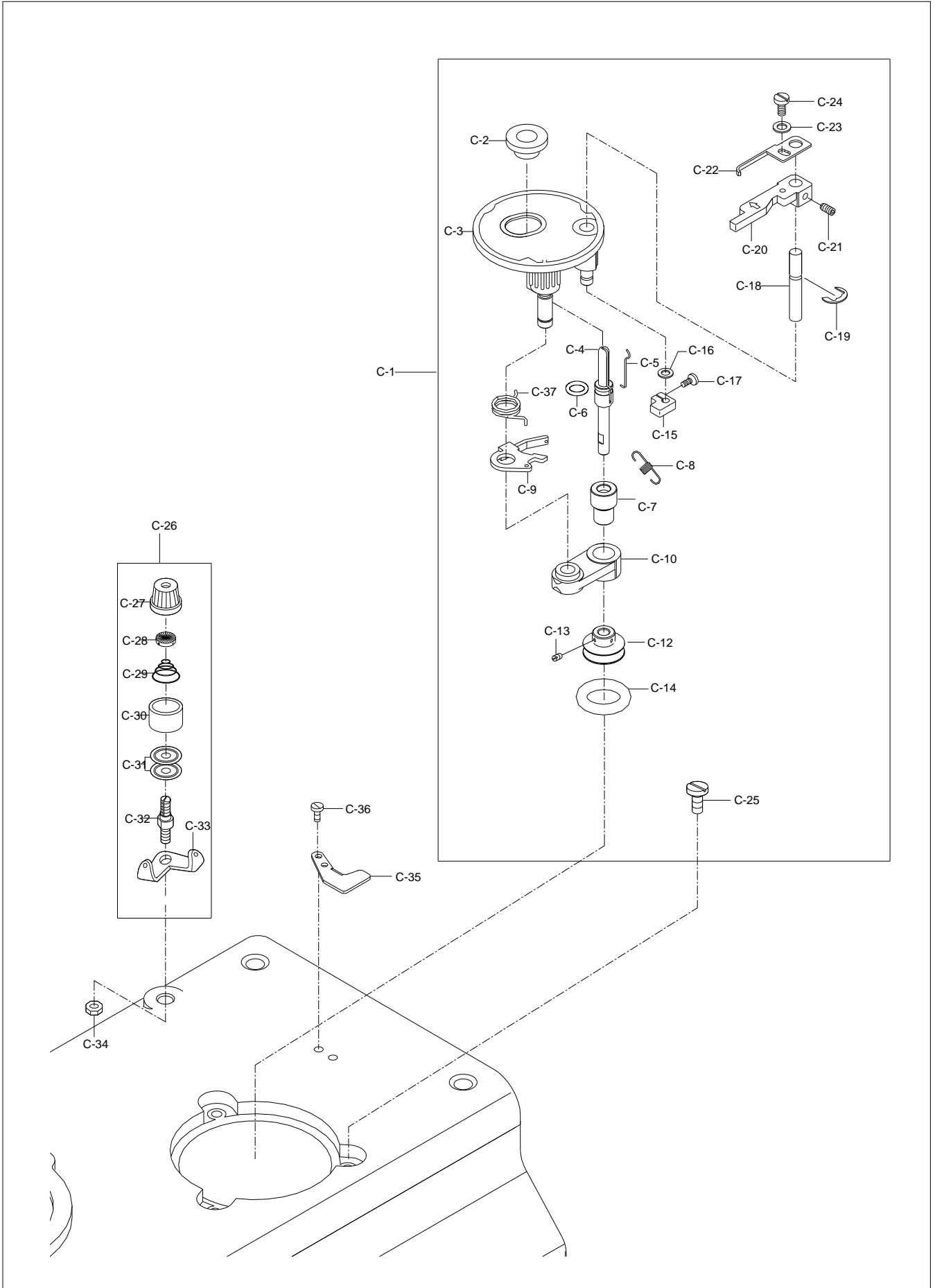




# C

## Thread Winder Mechanism

### 실감기 관계











Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Applied Period
					A	B	C	D	
D-1	GP-019025-00		Presser Foot Lifting Shaft	노루발 올림 축	1	1	1	1	
D-2	GP-016021-00		Bushing For Presser Foot Lifting Shaft (F)	노루발 올림 축 전봇싱	1	1	1	1	
D-3	GP-016020-00		Bushing For Presser Foot Lifting Shaft (M)	노루발 올림 축 중봇싱	2	2	2	2	
D-4	GP-016022-00		Bushing For Presser Foot Lifting Shaft (R)	노루발 올림 축 후봇싱	1	1	1	1	
D-5	AS-005231-00		Bracket For Presser Foot Lifting Ass'y	누름대 올림 브라켓 (조)	1set	1set	1set	1set	
D-6	GP-020818-03		Bracket For Presser Foot Lifting	누름대 올림 브라켓	1	1	1	1	
D-7	GP-020817-00		Bushing For Bracket	누름대 올림 브라켓 봇싱	2	2	2	2	
D-8	PN-000304-01		Bracket Pin For Presser Foot Lifting	누름대 올림 브라켓 핀	1	1	1	1	
D-9	05-015P-106L		Pin For Bracket	노루발 올림 축 핀	1	1	1	1	
D-10	14044SC-4517		Screw	노루발 올림 축 핀 고정나사	1	1	1	1	
D-11	07S122S-306H		Collar For Presser Foot Lifting Shaft	노루발 올림 축 카라	1	1	1	1	
D-12	SC-A308-4517		Screw (1/4"n=40)	노루발 올림 축 카라 고정나사	2	2	2	2	
D-13	GP-019011-01		Sub Presser Bar	보조 노루발 대	1	1	1	1	
D-14	GP-016752-01		Bushing For Sub Presser Bar	보조 노루발 대 봇싱	1	1	1	1	
D-15	10-017S-8577		Screw	보조 노루발 대 봇싱 첩나사	1	1	1	1	
D-16	GP-029106-00		Sub Presser	보조 노루발	1	1			
D-17	06-130C-106L		Finger Guard	핑거가드	1	1			
D-18	07016SC-4113		Screw	보조 노루발 첩나사	1	1	1	1	
D-19	PN-000300-01		Presser Foot Guide Block Pin	노루발 안내 블록 핀	1	1	1	1	
D-20	44-0000-1230		Oil Wick	노루발 안내 블록 핀 유심	1	1	1	1	
D-21	GP-018969-01		Presser Foot Guide Block	노루발 안내 블록	1	1	1	1	
D-22	GP-018955-02		Guide Plate	노루발 안내 블록 가이드 판	1	1	1	1	Jan.06.10
D-23	14014SC-4113		Screw	노루발 안내 블록 가이드 판 고정 나사	2	2	2	2	
D-24	GP-016124-00		Dial For Pressure Adjusting Ass'y	노루발 압력조절 다이얼 (조)	1set	1set	1set	1set	
D-25	AS-005248-01		Pressure Bar Adjusting Bracket Ass'y	누름대 압력조절 브라켓 (조)	1set	1set	1set	1set	
D-26	GP-018979-01		Pressure Bar Adjusting Bracket	누름대 압력조절 브라켓	1	1	1	1	
D-27	GP-019036-01		Bushing (B)	누름대 압력조절 브라켓 봇싱 (대)	1	1	1	1	
D-28	GP-019037-01		Bushing (S)	누름대 압력조절 브라켓 봇싱 (소)	1	1	1	1	
D-29	GP-019981-00		Pin For Pressure Bar Adjusting Bracket	누름대 압력조절 브라켓 핀	1	1	1	1	
D-30	RI-000109-00		E-Ring [φ9]	누름대 압력조절 브라켓 핀 E-링	1	1	1	1	
D-31	05-011S-106L		Pressure Bar Adjusting Bracket	누름대 압력조절 브라켓 단나사	1	1	1	1	
D-32	05-012C-106L		Pressure Bar Adjusting Bracket	누름대 압력조절 브라켓 단나사 너트	1	1	1	1	
D-33	GP-018958-00		Spring Support (U) For Pressure Bar	누름대 스프링 받침 (상)	1	1	1	1	
D-34	05-034A-106L		Guide Bushing	누름대 스프링 가이드 봇싱	1	1	1	1	
D-35	GP-034903-00		Guide Hose	누름대 스프링 가이드 축 호스	1	1	1	1	
D-36	05-033A-106L		Guide Shaft	누름대 스프링 가이드 축	1	1	1	1	
D-37	GP-024044-00		Presser Bar Spring	누름대 스프링	1	1	1	1	
D-38	05-036A-106L		Spring Support For Pressure Bar	누름대 스프링 받침	1	1	1	1	
D-39	05-037P-106L		Spring Pin [φ3]	누름대 스프링 가이드 축 롤핀	2	2	2	2	
D-40	04-009C-3710		E-Ring [φ5]	누름대 스프링 가이드 축 E-링	2	2	2	2	
D-41	GP-018965-03		Block For Press Bar Lifting	노루발 올림 블록	1	1	1	1	
D-42	08091SC-4113		Screw	노루발 올림 블록 고정나사	1	1	1	1	
D-43	AS-006079-03		Lever For Press Bar Lifting (set)	노루발 올림 레버(조)	1	1	1	1	
D-44	GP-025512-00		Bushing For Press Bar Lifting Lever	노루발 올림 레버 봇싱	1	1	1	1	
D-45	GP-020616-00		Screw	노루발 올림 레버 단나사	1	1	1	1	
D-46	GP-025463-00		Bend Washer	노루발 올림 레버 밴드 와셔	1	1	1	1	
D-47	GP-019603-00		Crank For Presser Foot Lifting	노루발 올림 실린더 크랭크	1	1	1	1	
D-48	14002SC-4113		Screw [M6×P1.0, L=15]	노루발 올림 실린더 크랭크 첩나사	1	1	1	1	
D-49	GP-019542-01		Knee Lifting Shaft	무릎올림 축	1	1	1	1	
D-50	PN-000306-00		Pin For Knee Lifting Shaft	무릎올림 축 핀	1	1	1	1	
D-51	GP-020900-00		Spring	무릎올림 축 스프링	1	1	1	1	
D-52	GP-019625-01		Lever For Knee Lifting Shaft	무릎올림 축 레버	1	1	1	1	
D-53	14002SC-4113		Screw [M6×P1.0, L=15]	무릎올림 축 레버 첩나사	1	1	1	1	
D-54	GP-019994-00		Bracket For Rod	무릎올림 축 레버 브라켓	1	1	1	1	
D-55	15028SC-1111		Knee Lifting Adjusting Screw	무릎올림 축 조절 나사	1	1	1	1	
D-56	SN-0102-4000		Nut	무릎올림 축 조절 너트	1	1	1	1	

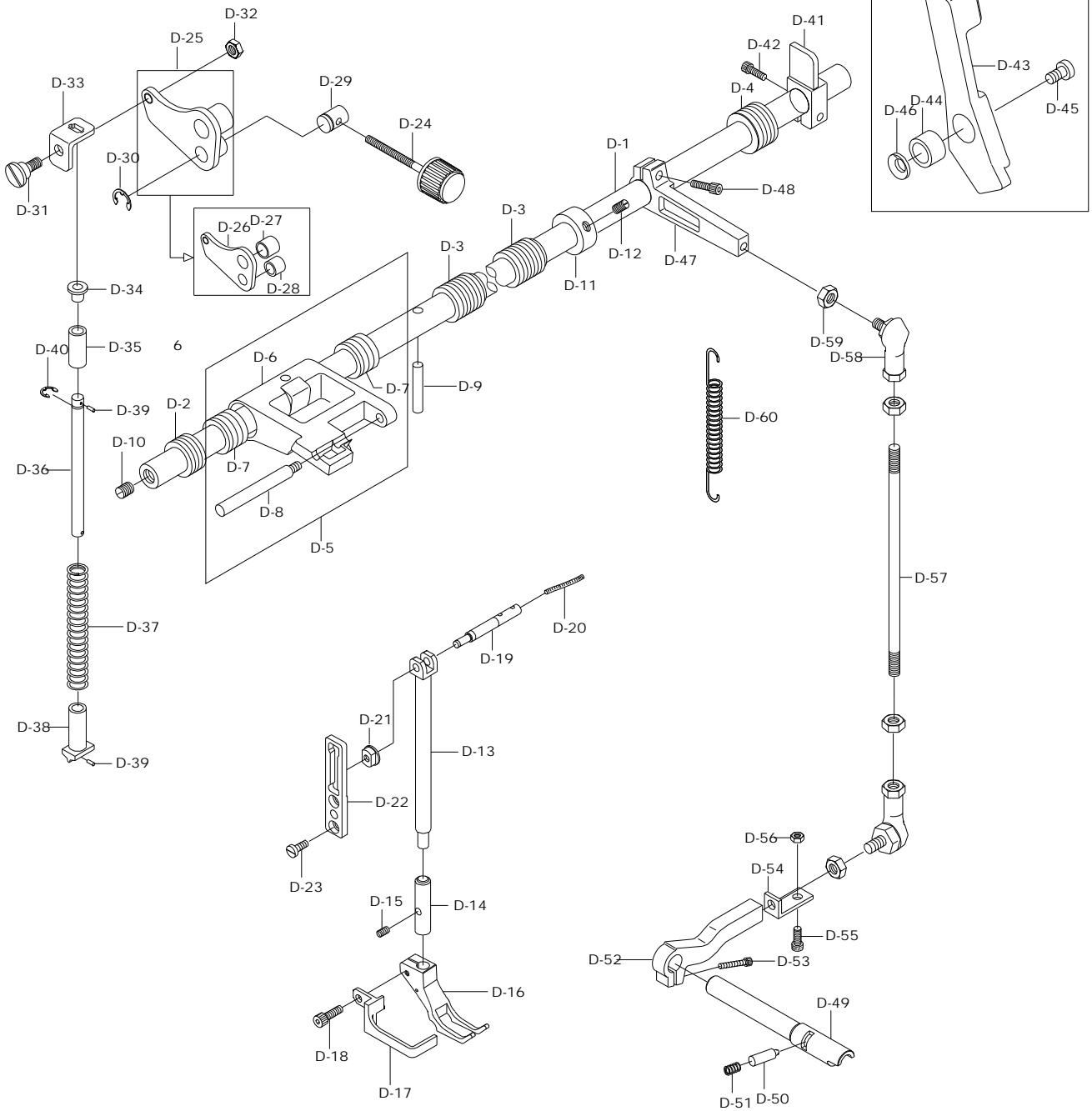
Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7

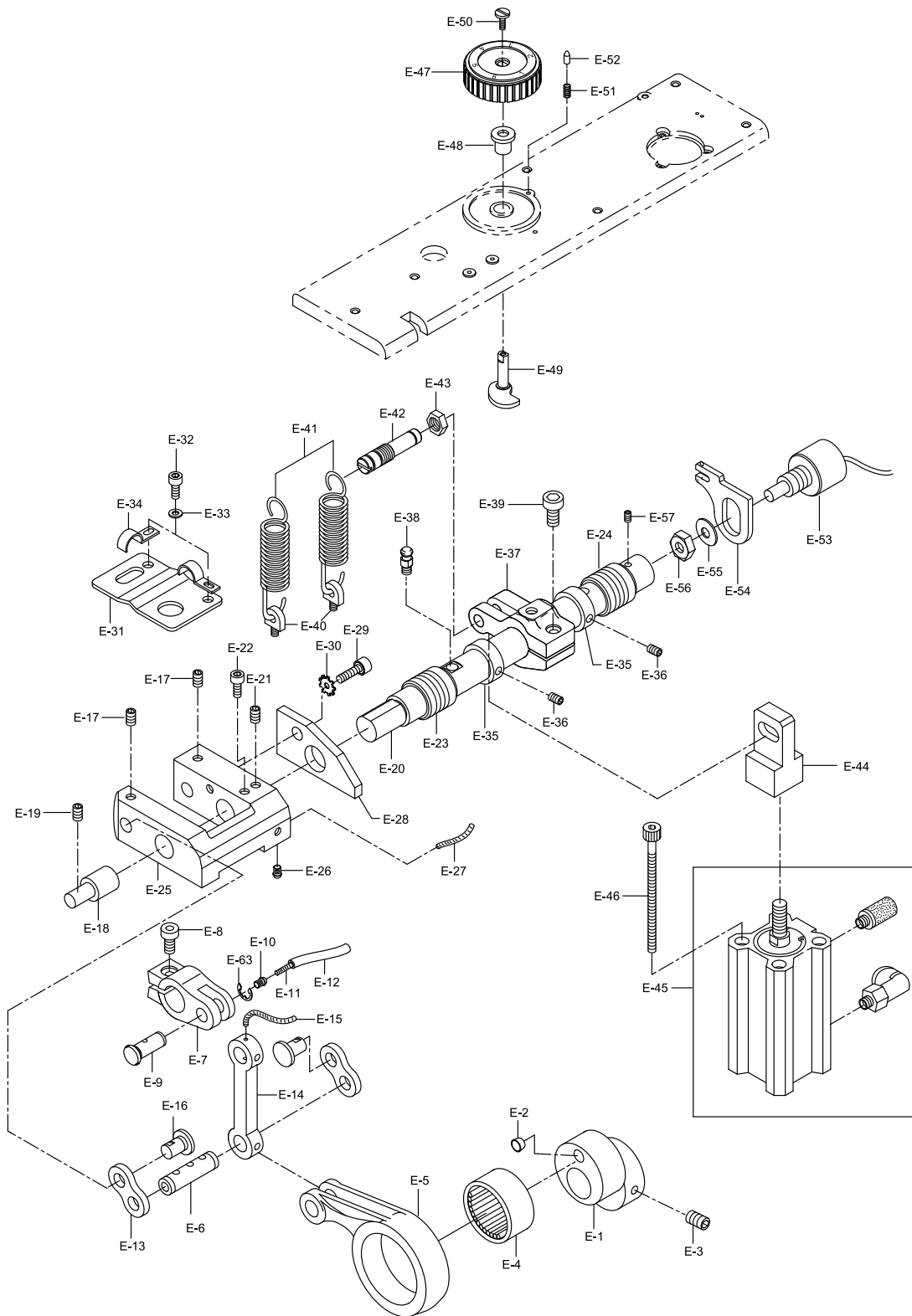
# D

## Presser Foot & Knee Lifting Mechanism

### 노루발 및 무릎올림 관계



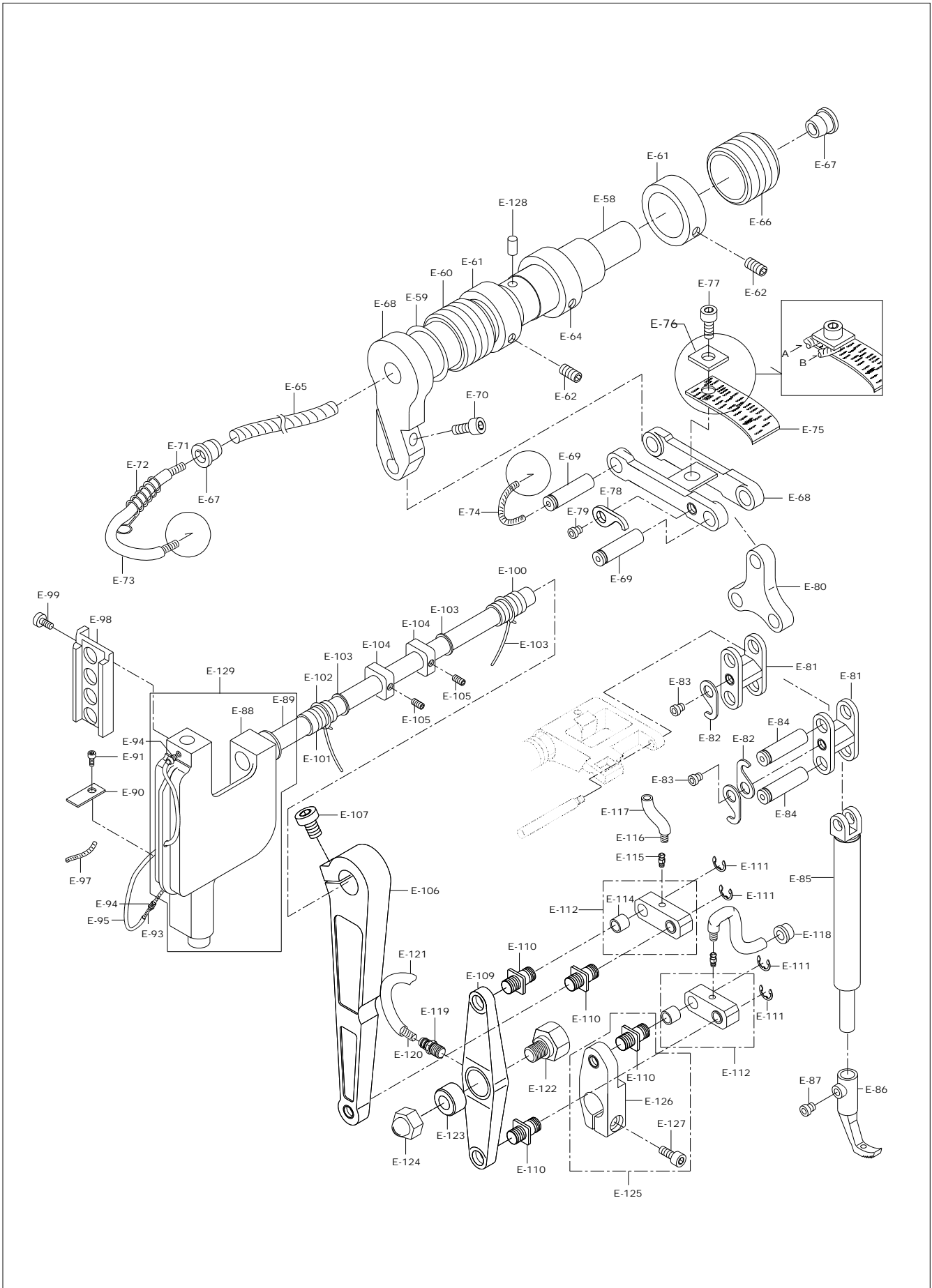






Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Applied Period
					A	B	C	D	
E-1	GP-019863-00		Presser Foot Driving Cam	노루발 상하운동 캠	1	1	1	1	
E-2	GP-021146-00		Plug for Presser Foot Driving Cam	노루발 상하운동 캠 마개	1	1	1	1	
E-3	14060SC-4517		Screw	노루발 상하운동 캠 고정나사	2	2	2	2	
E-4	15-003A-106L		Needle Bearing For Presser Foot Driving Cam	노루발 상하운동 캠 니들베어링	1	1	1	1	
E-5	GP-019014-01		Connecting Rod For Upper Feed	상 피이드 연결 로드	1	1	1	1	
E-6	GP-019802-02		Link Pin For Upper Feed	상 피이드 연결 핀	1	1	1	1	
E-7	GP-019672-02		Connecting Rod Crank For Upper Feed	상 피이드 연결 크랭크	1	1	1	1	
E-8	08034SC-A001		Screw	상 피이드 연결 크랭크 고정나사	1	1	1	1	
E-9	PN-000310-03		Crank Pin	상 피이드 연결 크랭크 핀	1	1	1	1	
E-10	GP-020891-03		Nipple For Crank Pin	상 피이드 연결 크랭크 핀 니플	1	1	1	1	
E-11	44-0000-1230		Oil Wick For Crank Pin	상 피이드 연결 크랭크 핀 급유유심	1	1	1	1	
E-12	GP-034901-00		Oil Hose For Crank Pin	상 피이드 연결 크랭크 핀 급유호스	1	1	1	1	
E-13	GP-018953-00		Connection Link "A" For Climb Shaft	클라임 축 연결 링크 "A"	2	2	2	2	
E-14	GP-018967-01		Connection Link "B" For Climb Shaft	클라임 축 연결 링크 "B"	1	1	1	1	
E-15	GP-001861-00		Connection Link "B" For Climb Shaft	클라임 축 연결 링크 "B" 유심	1	1	1	1	
E-16	GP-019801-00		Pin For Connection Link	클라임 축 연결 링크 "A" 핀	2	2	2	2	
E-17	05008MC-4517		Screw (M5×P0.8, L=8)	클라임 축 연결 링크 "A" 핀 고정나사	2	2	2	2	
E-18	15-014A-106L		Climb Device Shaft "A"	클라임 축 "A"	1	1	1	1	
E-19	05008MC-4517		Screw (M5×P0.8, L=8)	클라임 축 "A" 고정나사	2	2	2	2	
E-20	GP-019975-00		Climb Device Shaft "B"	클라임 축 "B"	1	1	1	1	
E-21	05008MC-4517		Screw (M5×P0.8, L=8)	클라임 축 "B" 고정나사	3	3	3	3	
E-22	10-020S-300G		Screw (M5×P0.8, L=10)	클라임 축 "B" 고정나사	1	1	1	1	
E-23	GP-016019-00		Bushing For Climb Device Shaft (F)	클라임 축 붓싱 (전)	1	1	1	1	
E-24	GP-016017-00		Bushing For Climb Device Shaft (R)	클라임 축 붓싱 (후)	1	1	1	1	
E-25	GP-019673-00		Climb Device Body	클라임 장치 몸체	1	1	1	1	
E-26	GP-020891-02		Nipple For Climb Device Body	클라임 장치 몸체 니플	1	1	1	1	
E-27	44-0000-1230		Oil Wick For Climb Device Body	클라임 장치 몸체 유심	1	1	1	1	
E-28	GP-019803-01		Stopper "A" For Climb Device Body	클라임 장치 몸체 스토퍼 "A"	1	1	1	1	
E-29	15-028S-106L		Screw (M5×P0.8)	클라임 장치 몸체 스토퍼 "A" 고정나사	1	1	1	1	
E-30	05-089W-967B		Washer	클라임 장치 몸체 스토퍼 "A" 와셔	1	1	1	1	
E-31	GP-016094-00		Stopper "B" For Climb Device Body	클라임 장치 몸체 스토퍼 "B"	1	1	1	1	
E-32	SC-0211-7500		Screw (M4×P0.7)	클라임 장치 몸체 스토퍼 "B" 고정나사	2	2	2	2	
E-33	44-011W-1600		Washer	클라임 장치 몸체 스토퍼 "B" 고정나사 와셔	2	2	2	2	
E-34	GP-016381-01		Cable Holder	케이블홀더(급유호스 잡이)	2	2	2	2	
E-35	CL-000116-01		Collar For Climb Device Shaft	클라임 축 카라	2	2	2	2	
E-36	04014SC-4517		Screw	클라임 축 카라 고정나사	2	2	2	2	
E-37	GP-029142-01		Crank For Climb Device	클라임 장치 크랭크	1	1	1	1	
E-38	PN-000335-01		Crank Pin	클라임 장치 크랭크 핀	1	1	1	1	
E-39	08091SC-4113		Screw	클라임 장치 크랭크 고정나사	1	1	1	1	
E-40	06-011C-380L		Spring Holder	클라임 축 리턴 스프링 잡이	2	2	2	2	
E-41	15-035G-106L		Return Spring For Climb Device Shaft	클라임 축 리턴 스프링	2	2	2	2	
E-42	GP-021322-00		Spring Hook	클라임 축 리턴 스프링 걸이	1	1	1	1	
E-43	15-038C-106L		Nut	클라임 축 리턴 스프링 걸이 너트	1	1	1	1	
E-44	15-045A-106L		Knuckle For Cylinder	클라임 축 실린더 너클		1		1	
E-45	15-044A-106L		Cylinder For Climb Device Shaft Ass'y	클라임 축 실린더 (조)		1set		1set	
E-46	SC-000861-00		Screw	클라임 축 실린더 고정나사		2		2	
E-47	GP-021289-00		Adjusting Dial "A" For Presser Foot Lifting Cam	노루발 상승량 조절 다이얼 "A"	1	1	1	1	
E-48	01-019C-106L		Bushing For Top Cover	윗뚜껑 붓싱 "A"	1	1	1	1	
E-49	15-039A-106L		Presser Foot Lifting Cam	클라임 다이얼 캠 "A"	1	1	1	1	
E-50	SC-0316-2350		Screw (11/64" n=40)	노루발 상승량 조절 다이얼 고정나사	1	1	1	1	
E-51	15-042G-106L		Spring For Stopper Pin	윗뚜껑 다이얼 스토퍼 스프링	1	1	1	1	
E-52	15-041P-106L		Stopper Pin	윗뚜껑 다이얼 스토퍼 핀	1	1	1	1	
E-53	CA-002398-01		Potentiometer	포텐서 미터 (조)	1set	1set	1set	1set	
E-54	GP-020877-01		Bracket For Potentiometer	포텐서 미터 브라켓	1	1	1	1	Jul.24.09
	GP-020877-00		Bracket For Potentiometer	포텐서 미터 브라켓	1	1	1	1	
E-55	15-053W-106L		Washer	포텐서 미터 와셔	1	1	1	1	

Note : A → KM-1080BL      B → KM-1080BL-7  
 C → KM-1082BL      D → KM-1082BL-7

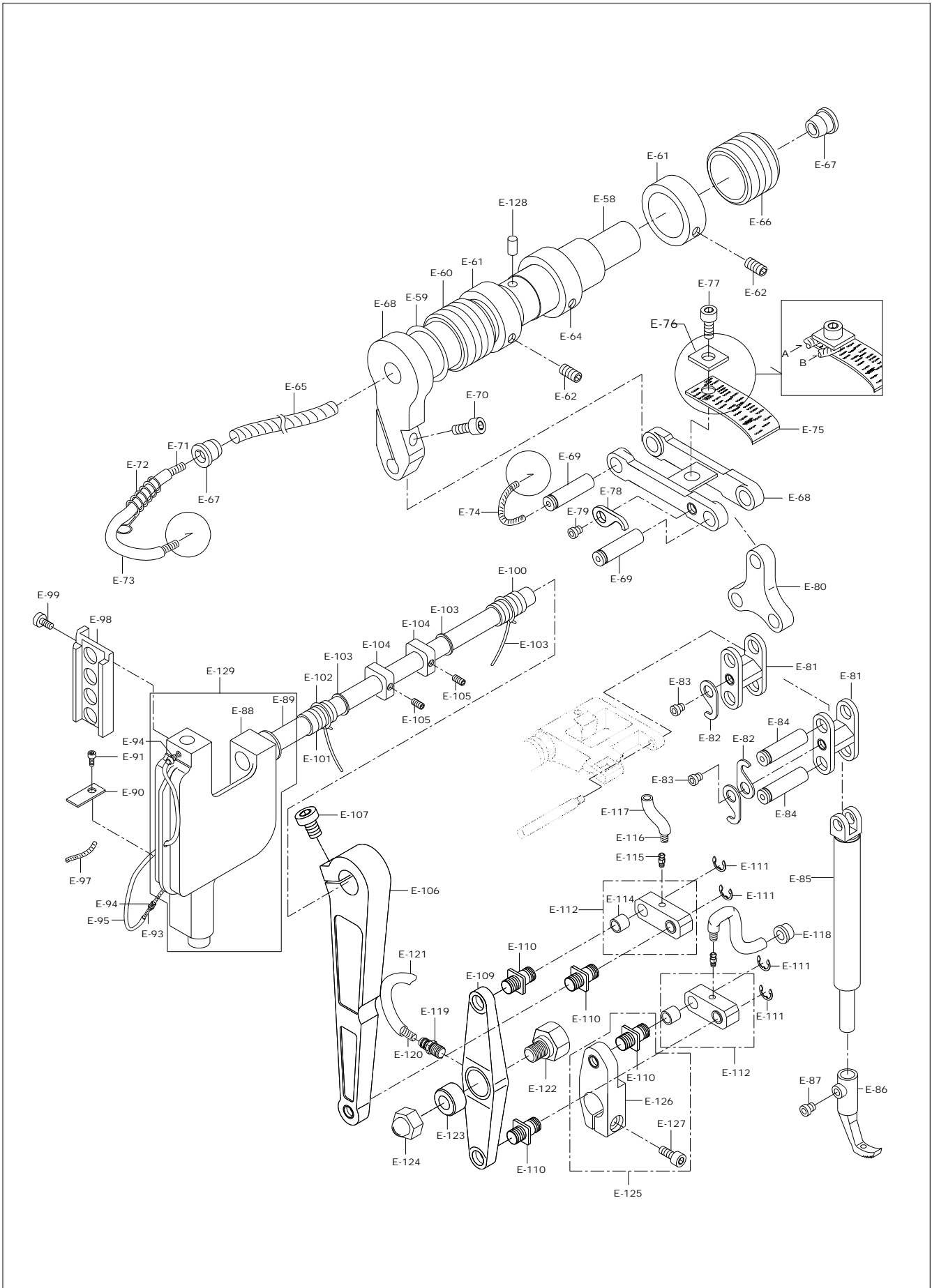




Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Assembly No.
					A	B	C	D	
E-56	15-052C-106L		Nut	포텐서 미터 너트	1	1	1	1	
E-57	03022SC-4517		Screw	포텐서 미터 축 고정나사	1	1	1	1	
E-58	GP-019570-04		Upper Feed Driving Shaft	상하 운동축	1	1	1	1	
E-59	08067RB-A001		O-ring For Upper Feed Driving Shaft	상하 운동축 O-ring (호칭경 P10A)	1	1	1	1	
E-60	GP-020263-01		Bushing For Upper Feed Driving Shaft (F)	상하 운동축 붓심 (전)	1	1	1	1	
E-61	CL-000116-01		Collar For Upper Feed Driving Shaft	상하 운동축 카라	2	2	2	2	
E-62	04014SC-4517		Screw	상하 운동축 카라 고정나사	2	2	2	2	
E-63	RI-000109-00		E-ring	상피이드 연결 크랭크 E링	1	1	1	1	
E-64	CL-000201-00		Collar for Oil Regulator	상하운동축 유량조정 카라	1	1	1	1	
E-65	44-0001-1230		Oil Wick "B" For Upper Feed Driving Shaft	상하운동축 유심 "B"	1	1	1	1	
E-66	GP-020264-01		Bushing For Upper Feed Driving Shaft (R)	상하 운동축 붓심 (후)	1	1	1	1	
E-67	GP-021199-00		Plug For Upper Feed Driving Shaft	상하 운동축 플러그	2	2	2	2	
E-68	GP-018968-03		Connecting Link For Upper Feed	상 피이드 연결 링크	1	1	1	1	
E-69	PN-000298-01		Connecting Link Pin For Upper Feed	상 피이드 연결 링크 핀	2	2	2	2	
E-70	7016SC-4113		Pin For Upper Feed Driving Shaft	상하 운동축 핀 고정나사	1	1	1	1	
E-71	44-0000-1230		Pin Oil Wick For Upper Feed Driving Shaft	상하 운동축 핀 유심	1	1	1	1	
E-72	GP-021319-02		Guide Spring For Oil Supply Hose	상 피이드 연결 링크 급유호스 가이드 스프링	1	1	1	1	
E-73	GP-034901-00		Oil Supply Hose For Connecting Link	상 피이드 연결 링크 급유호스	1	1	1	1	
E-74	44-0000-1230		Oil Supply Wick For Connecting Link	상 피이드 연결 링크 급유유심	1	1	1	1	
E-75	GP-021187-00		Oil Supply Wick For Connecting Link	상 피이드 연결 링크 급유펠트	1	1	1	1	
E-76	GP-021189-00		Washer	상 피이드 연결 링크 펠트 잡이 와셔	1	1	1	1	
E-77	SC-0211-7500		Screw (1/8" n=40)	상 피이드 연결 링크 펠트 고정나사	1	1	1	1	
E-78	GP-019671-01		Pin Holder	상 피이드 연결 링크 핀 잡이	1	1	1	1	
E-79	SC-000672-01		Screw (M4×P0.7, L=3.5)	상 피이드 연결 링크 핀 잡이 고정나사	1	1	1	1	
E-80	GP-018954-02		Triangular Link For Presser	노루발 삼각 링크	1	1	1	1	
E-81	GP-018964-02		Connecting Rod For Triangular Link	삼각 링크 연결 로드	2	2	2	2	
E-82	GP-019671-01		Pin Holder	노루발대 연결 핀 잡이	4	4	4	4	
E-83	SC-0137-2700		Screw	삼각 링크 연결 핀 잡이 고정나사	3	3	3	3	
E-84	PN-000298-01		Presser Bar Connecting Pin	노루발대 연결 핀	2	2	2	2	
E-85	GP-019010-01		Walking Bar	상 피이드 노루발대	1	1	1	1	
E-86	GP-029109-00		Upper Feed Presser Foot	상 피이드 노루발	1	1			
E-87	05-003S-106L		Screw (M4×P0.7)	상 피이드 노루발 고정나사	1	1	1	1	
E-88	GP-020665-03		Needle Bar Frame	바늘대 프레임	1	1	1	1	
E-89	GP-016278-01		Needle Bar Rock Shaft	바늘대 요동축	1	1	1	1	
E-90	GP-024288-01		Felt For Needle Bar Frame	바늘대 프레임 펠트	1	1	1	1	
E-91	SC-A170-4124		Screw (M4×P0.7)	바늘대 프레임 펠트 고정나사	1	1	1	1	
E-93	GP-028439-00		Nipple For Needle Bar Frame	바늘대 프레임 니플	2	2	2	2	
E-94	44-0000-1230		Oil Wick For Needle Bar Frame	바늘대 프레임 급유유심	1	1	1	1	
E-95	GP-034901-00		Hose For Needle Bar Frame	바늘대 프레임 급유호스	1	1	1	1	
E-97	44-0000-1230		Oil Wick For Sealing Cover	바늘대 프레임 누유방지 커버 유심	1	1	1	1	
E-98	GP-020664-01		Block Guide For Needle Bar	바늘대 블록 가이드	1	1	1	1	
E-99	SC-0211-7500		Screw (M4×P0.7)	바늘대 블록 가이드 고정나사	2	2	2	2	
E-100	GP-020270-00		Bushing For Needle Bar Rock Shaft (F)	바늘대 요동축 붓심 (전)	1	1	1	1	
E-101	GP-016017-00		Bushing For Needle Bar Rock Shaft (R)	바늘대 요동축 붓심 (후)	1	1	1	1	
E-102	44-0000-1230		Oil Wick For Needle Bar Rock Shaft	바늘대 요동축 붓심 급유유심	2	2	2	2	
E-103	WS-000205-00		Washer For Needle Bar Rock Shaft	바늘대 요동축 와셔	2	2	2	2	
E-104	15-093A-106L		Collar For Needle Bar Rock Shaft	바늘대 요동축 카라	2	2	2	2	
E-105	04014SC-4517		Screw	바늘대 요동축 카라 고정나사	2	2	2	2	
E-106	GP-020100-02		Connecting Rod For Needle Bar Rock Shaft	바늘대 요동축 연결 로드	1	1	1	1	
E-107	08091SC-4113		Screw	바늘대 요동축 연결 로드 고정나사	1	1	1	1	
E-109	GP-020095-01		Transfer Lever For Needle Bar Rock Shaft Link	바늘대 요동축 연결 레버	1	1	1	1	
E-110	SC-000608-01		Connecting Rod Pin	바늘대 요동축 연결 로드 단나사	4	4	4	4	
E-111	43-009C-1600		E-ring [φ9]	바늘대 요동축 연결 로드 단나사 E-링	4	4	4	4	
E-112	AS-005158-01		Needle Bar Rock Shaft Link Ass'y	바늘대 요동 링크 (조)	2set	2set	2set	2set	
E-114	GP-020098-00		Bushing For Needle Bar Rock Shaft Link	바늘대 요동 링크 붓심	4	4	4	4	
E-115	GP-020891-02		Nipple For Needle Bar Rock Shaft Link	바늘대 요동 링크 니플	2	2	2	2	

Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7



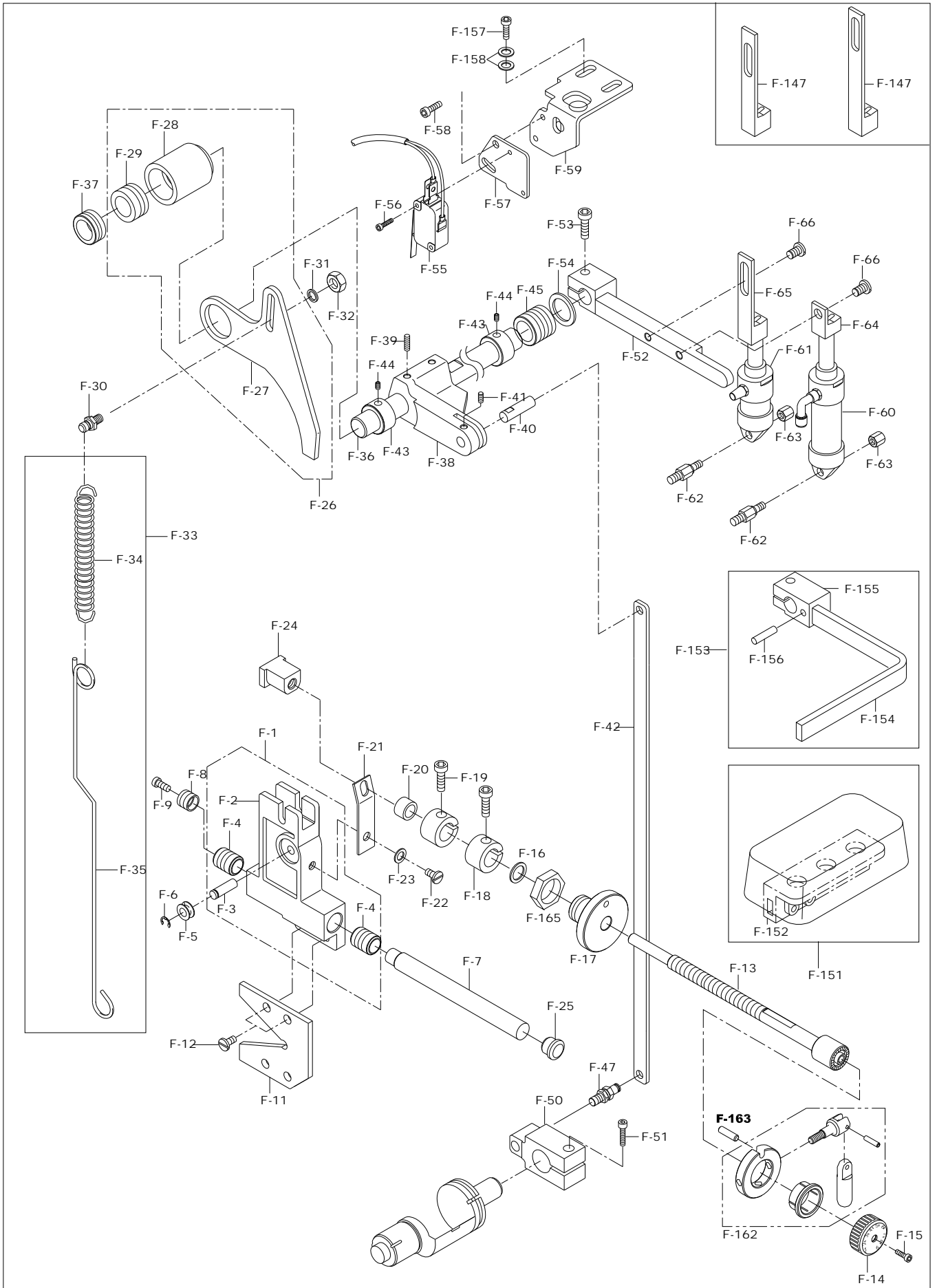




# F

## Feed Mechanism

### 피드 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Assembly No.
					A	B	C	D	
F-1	AS-005173-00		Feed Regulator Body Ass'y	피드 조절기 몸체 (조)	1set	1set	1set	1set	
F-2	GP-020090-00		Feed Regulator Body	피드 조절기 몸체	1	1	1	1	
F-3	PN-000314-00		Feed Regulator Body Pin	피드 조절기 몸체 핀	1	1	1	1	
F-4	GP-020091-00		Feed Regulator Body Bushing	피드 조절기 몸체 붓싱	2	2	2	2	
F-5	GP-020092-00		Feed Regulator Body Roller	피드 조절기 몸체 롤러	1	1	1	1	
F-6	05-014C-1230		E-Ring [φ4]	피드 조절기 몸체 롤러 E-링	1	1	1	1	
F-7	GP-021318-00		Feed Regulator Slide Shaft	피드 조절기 슬라이드 축	1	1	1	1	
F-8	GP-016169-01		Bushing For Feed Regulator Slide Shaft	피드 조절기 슬라이드 축 붓싱	1	1	1	1	
F-9	02004SC-4113		Screw (M4 x L8)	피드 조절기 슬라이드 축 고정나사	1	1	1	1	
F-11	GP-020094-00		Feed Regulator	피드 조절기	1	1	1	1	
F-12	14014SC-4113		Screw (M5 x L8)	피드 조절기 고정나사	2	2	2	2	
F-13	GP-039118-00		Feed Adjusting Dial Shaft	피드 조절기 다이얼 축	1	1	1	1	
F-14	GP-022116-00		Feed Regulator Dial	피드 조절기 다이얼	1	1	1	1	
F-15	SC-0193-1230		Screw (3/16" n=28)	피드 조절기 다이얼 고정나사	1	1	1	1	
F-16	08041SW-1111		Washer [φ8]	피드 조절기 다이얼 와셔	1	1	1	1	
F-17	GP-039119-00		Bushing For Feed Adjusting Dial Shaft	피드 조절기 다이얼 축 붓싱	1	1	1	1	
F-18	10S114S-306H		Collar For Feed Adjusting Dial Shaft	피드 조절기 다이얼 축 카라	2	2	2	2	
F-19	07016SC-4113		Screw (M4 X P0.7 , L=12)	피드 조절기 다이얼 축 카라 고정나사	4	4	4	4	
F-20	GP-021316-01		Feed Regulator Stopper	피드 조절기 스톱퍼 (12MM 전용부품)	1	1	1	1	
F-21	GP-020093-00		Feed Regulator Nut Spring Hook	피드 조절기 너트 판 스프링	1	1	1	1	
F-22	18033SC-3123		Screw (M5 x L5)	피드 조절기 너트 판 스프링 고정나사	1	1	1	1	
F-23	01A116S-811H		Washer [φ5]	피드 조절기 너트 판 스프링 고정나사 와셔	1	1	1	1	
F-24	SN-000100-00		Feed Regulator Nut	피드 조절기 너트	1	1	1	1	
F-25	46-006R-207P		Plug For Feed Regulator Slide Shaft	피드 조절기 슬라이드 축 플러그	1	1	1	1	
F-26	AS-005235-01		Limit Switch Plate Ass'y	리미트 스위치 센서 판 (조)	1set	1set	1set	1set	
F-27	GP-020843-01		Limit Switch Plate	리미트 스위치 센서 판	1	1	1	1	
F-28	GP-020844-00		Bushing For Limit Switch Plate (B)	리미트 스위치 센서 판 붓싱 (대)	1	1	1	1	
F-29	GP-020817-00		Bushing For Limit Switch Plate (S)	리미트 스위치 센서 판 붓싱 (소)	2	2	2	2	
F-30	GP-020595-01		Spring Holder For Limit Switch Sensor Plate	리미트 스위치 센서 판 스프링 걸이	1	1	1	1	
F-31	10-020W-2700		Spring Holder Washer For Limit Switch Sensor Plate [φ4]	리미트 스위치 센서 판 스프링 걸이 와셔	1	1	1	1	
F-32	20S049S-306H		Spring Holder Nut For Limit Switch Sensor Plate (M4)	리미트 스위치 센서 판 스프링 걸이 너트	1	1	1	1	
F-33	AS-005249-00		Spring Ass'Y For Feed Regulator Connecting Crank	절환기 연결 크랭크 스프링 (조)	1set	1set	1set	1set	
F-34	GP-020904-00		Spring For Feed Regulator Connecting Crank	절환기 연결 크랭크 스프링	1	1	1	1	
F-35	GP-020905-00		Wire For Feed Regulator Connecting Crank	절환기 연결 크랭크 스프링 연결 와이어	1	1	1	1	
F-36	GP-021317-00		Reverse Feed Lever Shaft	역진레버 축	1	1	1	1	
F-37	GP-026003-00		Bushing For Reverse Feed Lever Shaft (F)	역진레버 축 붓싱 (전)	1	1	1	1	
F-38	GP-020087-01		Feed Regulator Lever	피드 조절기 레버	1	1	1	1	
F-39	05008MC-4517		Screw (M6xL12)	피드 조절기 레버 고정나사	2	2	2	2	
F-40	PN-000337-00		Pin For Feed Regulator Lever	피드 조절기 레버 핀	1	1	1	1	
F-41	03022SC-4517		Screw (M4xL5)	피드 조절기 레버 핀 고정나사	1	1	1	1	
F-42	GP-020088-00		Feed Regulator Connecting Rod	피드 조절기 연결로드	1	1	1	1	
F-43	07S122S-306H		Collar For Reverse Feed Lever Shaft	역진레버 축 카라	1	1	1	1	
F-44	04016AF-A001		Screw (1/4", N=40, L=5)	역진레버 축 카라 고정나사	2	2	2	2	
F-45	GP-021699-00		Bushing For Reverse Feed Lever Shaft (R)	역진레버 축 붓싱 (후)	1	1	1	1	
F-47	SC-000607-03		Stud Screw	절환기 연결 크랭크 단나사	1	1	1	1	
F-50	GP-020086-00		Feed Regulator Connecting Crank	절환기 연결 크랭크	1	1	1	1	
F-51	15028SC-1111		Screw (M6xL20)	절환기 연결 크랭크 고정나사	1	1	1	1	
F-52	GP-020512-01		Reverse Feed Lever	역진레버		1		1	
F-53	14002SC-4113		Screw [M6×P1.0, L=15]	역진레버 고정나사	1	1	1	1	
F-54	GP-020513-00		Bushing For Reverse Feed Lever	역진레버 와셔	1	1	1	1	
F-55	CA-002399-01		Limite Switch For Speed Schange	리미트 스위치	1	1	1	1	
F-56	09007SC-4113		Screw (M3xL15)	리미트 스위치 고정나사	2	2	2	2	
F-57	GP-030521-01		Bracket For Limite Switch	리미트 스위치 브라켓 고정판	1	1	1	1	Aug.26.10
F-58	08076SC-4113		Screw (M4xL10)	리미트 스위치 브라켓 고정나사	2	2	2	2	
F-59	GP-030520-00		Bracket For Limite Switch	리미트 스위치 브라켓	1	1	1	1	
F-60	AS-005514-00		Cylinder For Reverse Feed	역진 실린더 (조)		1set		1set	

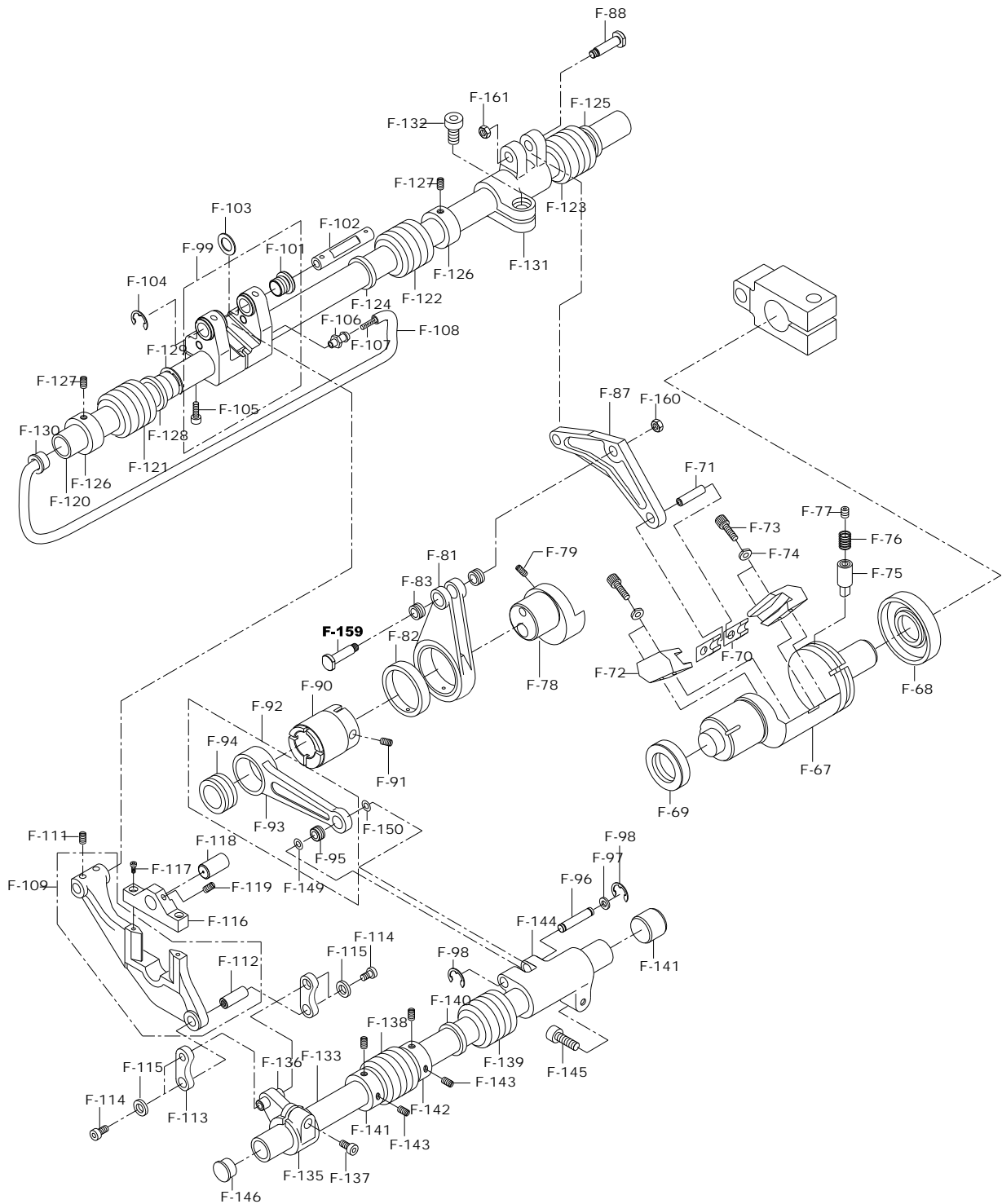
Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7

# F

## Feed Mechanism

### 피드 관계





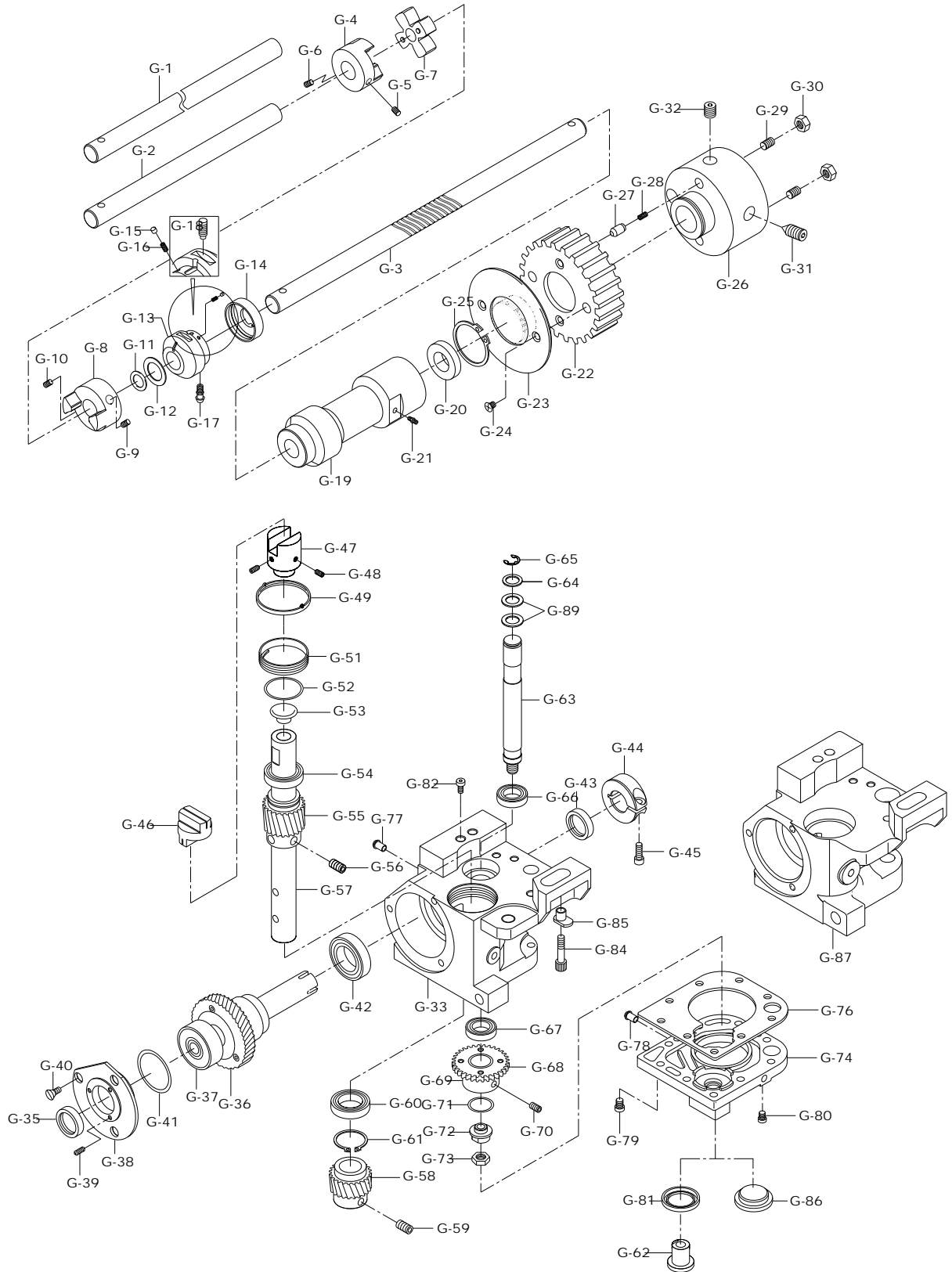
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Applied Period
					A	B	C	D	
F-61	AS-005515-00		Cylinder For Feed Adjusting	뜸수 변환 실린더 (조)		1set		1set	
F-62	GP-021090-01		Hinge For Pneumatic Cylinder	공압 실린더 힌지		2		2	Dec.29.09
F-63	SN-000101-00		Hinge Nut For Pneumatic Cylinder	공압 실린더 힌지 너트		2		2	
F-64	GP-021089-00		Cylinder Rod For Reverse Feed	역진 실린더 로드		1		1	
F-65	GP-021088-00		Cylinder For Feed Adjusting	뜸수 변환 실린더 로드		1		1	
F-66	SC-000631-00		Screw For Reverse Cylinder Rod	역진 실린더 로드 단나사		2		2	
F-67	GP-020118-00		Feed Regulator Shaft	절환기	1	1	1	1	
F-68	06-068R-106L		Oil Seal (Big)	절환기 오일씰 (대)	1	1	1	1	
F-69	06-067R-106L		Oil Seal (Small)	절환기 오일씰 (소)	1	1	1	1	
F-70	GP-020117-01		Block For Feed Regulator Shaft	절환기 블록	2	2	2	2	
F-71	GP-020589-00		Block Pin	절환기 블록 핀	1	1	1	1	
F-72	GP-020116-01		Block Guide	절환기 블록 가이드	2	2	2	2	
F-73	03016SC-4113		Screw	절환기 블록 가이드 고정나사	4	4	4	4	
F-74	07-011W-1230		Spring Washer	절환기 블록 가이드 스프링 와셔	4	4	4	4	
F-75	06-074P-106L		Guide Pin	절환기 가이드 핀	1	1	1	1	
F-76	06-075G-106L		Guide Spring	절환기 가이드 스프링	1	1	1	1	
F-77	06-076S-106L		Screw (M10)	절환기 가이드 핀 고정나사	1	1	1	1	
F-78	GP-024045-03		Under Feed Cam	하퍼이드 캠	1	1	1	1	
F-79	08037AF-4517		Screw (M6xL8)	하퍼이드 캠 고정나사	2	2	2	2	
F-81	GP-035770-00		Horizontal Feed Rod	하퍼이드 연결 로드	1	1	1	1	
F-82	06-082A-106L		Bushing For Horizontal Feed Rod (Big)	하퍼이드 연결 로드 붓싱 (대)	1	1	1	1	
F-83	60-130A-106L		Bushing For Horizontal Feed Rod (Small)	하퍼이드 연결 로드 붓싱 (소)	2	2	2	2	
F-87	06-083A-106L		Feed Regulator Connecting Rod	절환기 연결 로드	1	1	1	1	
F-88	06-080P-106L		Pin For Feed Regulator Connecting Rod	절환기 연결 로드 핀	1	1	1	1	
F-90	GP-020105-01		Feed Rocker Shaft Cam	들대 캠	1	1	1	1	
F-91	06060MC-4517		Screw (M6xL5)	들대 캠 고정나사	2	2	2	2	
F-92	AS-005160-01		Vertical Feed Rod Ass'y	들대 캠 연결 로드 (조)	1set	1set	1set	1set	
F-93	GP-020101-02		Vertical Feed Rod	들대 캠 연결 로드	1	1	1	1	
F-94	06-091A-106L		Bearing	들대캠 연결로드 베어링	1	1	1	1	
F-95	GP-020755-00		Vertical Feed Rod Bushing (S)	들대캠 연결로드 붓싱 (소)	1	1	1	1	
F-96	GP-020586-00		Pin For Connecting Rod	들대 캠 연결 로드 핀	1	1	1	1	
F-97	WS-000220-00		Pin For Connecting Rod	들대 캠 연결 로드 핀 와셔	1	1	1	1	
F-98	04-009C-3710		E-Ring [φ5]	들대 캠 연결 로드 핀 E-링	2	2	2	2	
F-99	AS-005162-00		Feed Bar Connecting Crank Ass'y	툽니 받침 크랭크 (조)	1set	1set	1set	1set	
F-101	GP-020107-00		Bushing For Feed Bar Connecting Crank	툽니 받침 크랭크 붓싱	4	4	4	4	
F-102	GP-020582-01		Pin For Feed Bar Connecting Crank	툽니 받침 크랭크 핀	1	1	1	1	
F-103	WS-000220-00		Washer For Pin	툽니 받침 크랭크 핀 와셔	1	1	1	1	
F-104	04-009C-3710		E-Ring [φ5]	툽니 받침 크랭크 핀 E-링	1	1	1	1	
F-105	SC-0162-5607		Screw (M5xL15)	툽니 받침 크랭크 고정나사	2	2	2	2	
F-106	GP-030503-01		Oil Nipple For Feed Bar Connecting Crank	툽니 받침 크랭크 니플	1	1	1	1	
F-107	44-0000-1230		Oil wick For Feed Bar Connecting Crank	툽니 받침 크랭크 유심	1	1	1	1	
F-108	GP-034901-00		Oil Pipe For Feed Bar Connecting Crank	툽니 받침 크랭크 급유 호스	1	1	1	1	
F-109	AS-005174-00		Feed Dog Support Ass'y	툽니 받침 (조)	1set	1set	1set	1set	
F-111	SC-000716-00		Screw	툽니 받침 고정나사	2	2	2	2	
F-112	PN-000316-00		Feed Base Pin	툽니 받침 핀	1	1	1	1	
F-113	GP-020200-00		Feed Bar Connecting Link	툽니 받침 연결링크	2	2	2	2	
F-114	07018SC-8118		Screw (M3xL10)	툽니 받침 연결링크 고정나사	4	4	4	4	
F-115	WS-000218-00		Washer	툽니 받침 연결링크 고정나사 와셔	4	4	4	4	
F-116	GP-020110-02		Feed Dog Connecting Rod Support	툽니 연결 로드 받침	1	1	1	1	
F-117	04010MC-7113		Screw (M4xL10)	툽니 연결 로드 받침 고정나사	2	2	2	2	
F-118	PN-000287-00		Pin For Feed Dog Lever	툽니 레버 핀	1	1	1	1	
F-119	03022SC-4517		Screw (M4xL5)	툽니 레버 핀 고정나사	1	1	1	1	
F-120	GP-020193-00		Feed Driving Shaft	수평 밀대	1	1	1	1	
F-121	GP-016017-00		Bushing For Feed Driving Shaft (F)	수평 밀대 전 붓싱	1	1	1	1	
F-122	GP-021549-00		Bushing For Feed Driving Shaft (M)	수평 밀대 중 붓싱	1	1	1	1	
F-123	GP-021550-00		Bushing For Feed Driving Shaft (R)	수평 밀대 후 붓싱	1	1	1	1	

Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7







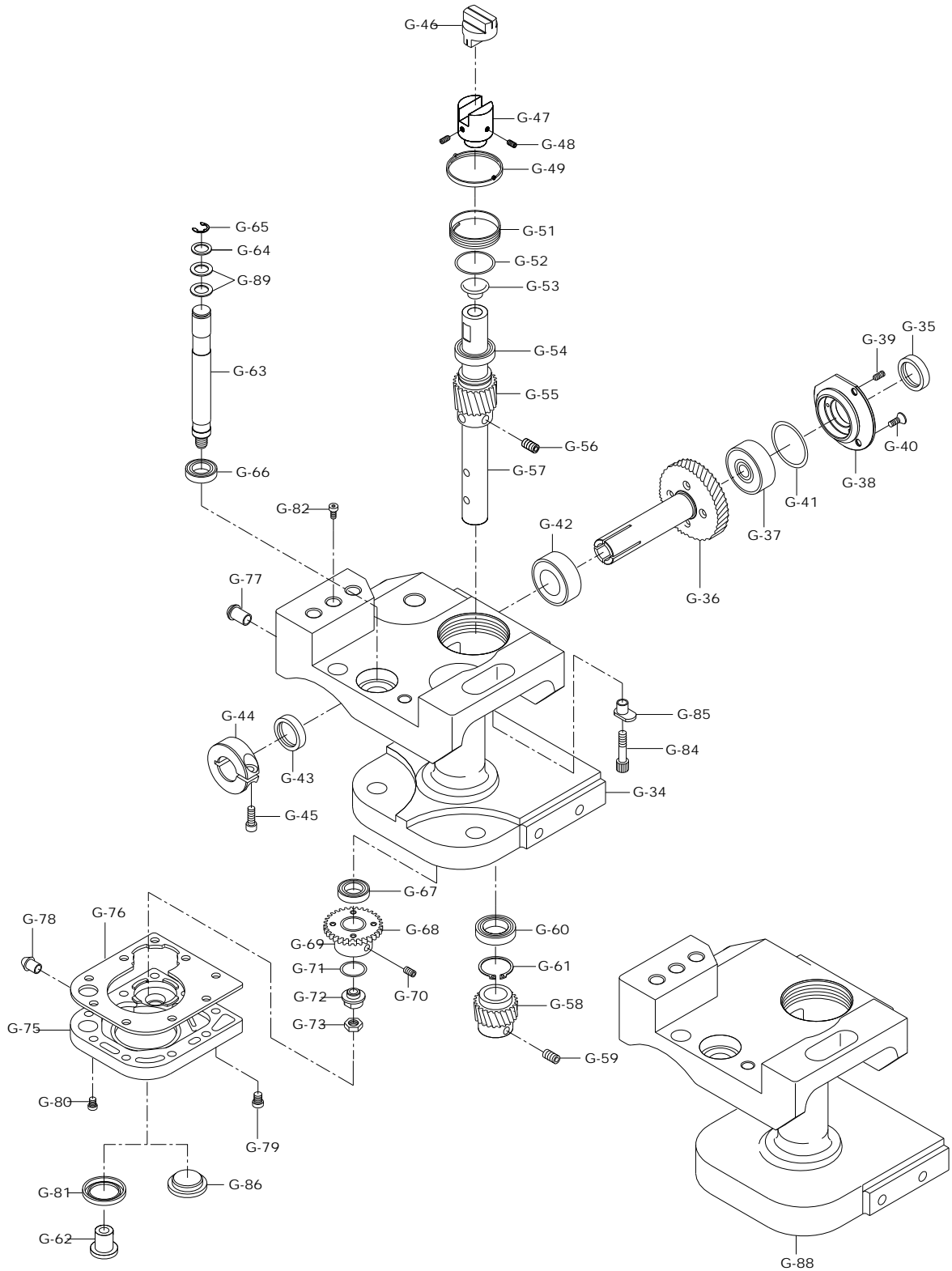




Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Assembly No.
					A	B	C	D	
G-1	GP-023551-00		Lower Shaft (F)	하축 전			1	1	
G-2	GP-023551-01		Lower Shaft (F)	하축 전	1	1			
G-3	GP-020653-03		Lower Shaft (B)	하축 후	1	1	1	1	
G-4	GP-020484-02		Coupling For Lower Shaft (F)	하축 커플링 전	1	1	1	1	
G-5	SC-000706-00		Screw	하축 커플링 전 고정나사 "A"	1	1	1	1	
G-6	08037SC-4517		Screw	하축 커플링 전 고정나사 "B"	1	1	1	1	
G-7	GP-020485-00		Coupling Sleeve For Lower Shaft	하축 커플링 슬리브	1	1	1	1	
G-8	GP-020483-00		Coupling For Lower Shaft (R)	하축 커플링 후	1	1	1	1	
G-9	SC-001214-00		Screw	하축 커플링 후 고정나사 "A"	1	1	1	1	
G-10	08037SC-120D		Screw	하축 커플링 후 고정나사 "B"	1	1	1	1	
G-11	RI-000017-00		O-Ring [ 12φ]	하축 커플링 후 O-링(호칭경 P 12)	1	1	1	1	
G-12	GP-025566-00		Oil Seal For Bushing (F)	하축 전봇싱 오일씰 (전) (φ20 X φ32 X 8t)	1	1	1	1	
G-13	GP-020567-01		Bushing For Lower Shaft (F)	하축 전봇싱	1	1	1	1	
G-14	GP-020568-02		Bushing Cover For Lower Shaft (F)	하축 전봇싱 커버	1	1	1	1	
G-15	GP-020570-01		Oil Pump Piston	오일 펌프 피스톤	1	1	1	1	
G-16	GP-020903-00		Piston Spring For Oil Pump	오일 펌프 피스톤 스프링	1	1	1	1	
G-17	44-134C-5700		Nipple For Bushing (F)	하축 전봇싱 니플	1	1	1	1	
G-18	SC-000644-01		Screw	하축 전봇싱 고정나사	1	1	1	1	
G-19	GP-016050-01		Bushing For Lower Shaft (R)	하축 후봇싱	1	1	1	1	
G-20	07-003R-106L		Oil Seal For Bushing (R)	하축 후봇싱 오일씰 (φ22 X φ12 X 7t)	1	1	1	1	
G-21	44-134C-5700		Nipple For Bushing (R)	하축 후봇싱 니플	1	1	1	1	
G-22	GP-020387-01		Timing Pulley For Lower Shaft	하축 타이밍 풀리	1	1	1	1	
G-23	GP-025181-00		Timing Pulley Disk	하축 타이밍 풀리 디스크	1	1	1	1	
G-24	08017SC-B001		Screw	하축 타이밍 풀리 디스크 고정나사	2	2	2	2	
G-25	06-002C-380L		C-Ring	안전장치 클러치 C-링	1	1	1	1	
G-26	GP-020420-00		Safety Clutch body	하축 타이밍 풀리 몸체	1	1	1	1	
G-27	GP-020421-01		Safety Piston	안전장치 피스톤	2	2	2	2	
G-28	GP-020902-00		Safety Spring	안전장치 스프링	2	2	2	2	
G-29	08037SC-4517		Stopper Screw For Safety Piston	안전장치 피스톤 스톱퍼 나사	2	2	2	2	
G-30	14064SN-9311		Nut	안전장치 피스톤 스톱퍼 나사 너트	2	2	2	2	
G-31	SC-000705-00		Screw	하축 타이밍 풀리 고정나사A	1	1	1	1	
G-32	SC-000741-00		Screw(M6, L=12)	하축 타이밍 풀리 고정나사B	1	1	1	1	
G-33	GP-020837-01		Hook Base-L	훅 베이스 (좌) - Post				1	
G-34	GP-020838-01		Hook Base-R	훅 베이스 (우) - Post		1		1	
G-35	07-016R-106L		Oil Seal For Hook Base (F)	훅 베이스 오일씰 (전)	1	1	2	2	
G-36	AS-006616-01		Lower Shaft Gear Ass'y	하축 기어 (조)	1	1	2	2	
G-37	BR-000157-00		Bearing For Lower Shaft (F)	하축 베어링 (전) (φ15 X φ32 X 8t)	1	1	2	2	
G-38	GP-020661-01		Hook Base Cover	훅 베이스 측면 커버	1	1	2	2	
G-39	04004MC-4517		Cover Adjusting Screw	훅 베이스 측면 커버 조절나사	3	3	6	6	
G-40	15084SC-8119		Cover fixed Screw	훅 베이스 측면 커버 고정나사	3	3	6	6	
G-41	07-022R-106L		O-Ring For Hook Base	훅 베이스 측면 커버 O-링	1	1	2	2	
G-42	BR-000157-00		Bearing For Lower Shaft (R)	하축 베어링 (후) (φ15 X φ32 X 8t)	1	1	2	2	
G-43	07-016R-106L		Oil Seal For Hook Base (R)	훅 베이스 오일씰 (후)	1	1	2	2	
G-44	07-014A-106L		Collar For Lower Shaft	하축 카라	1	1	2	2	
G-45	SC-0162-5607		Screw	하축 카라 고정나사	1	1	2	2	
G-46	GP-020174-00		Spacer	훅축 커플링 스페이서	1	1	2	2	
G-47	GP-020173-01		Coupling For Hook Shaft (D)	훅축 커플링 (하)	1	1	2	2	
G-48	05008MC-4517		Screw	훅축 커플링 (하) 고정나사	2	2	4	4	
G-49	GP-020175-00		Dust Cover	훅축 커플링 먼지 커버	1	1	2	2	
G-51	RI-000067-00		Support Ring For Hook	훅 받침 링	1	1	2	2	
G-52	WS-000222-00		Washer	훅 받침 링 와셔	1	1	2	2	
G-53	GP-021568-00		Rubber For Hook Shaft "A" (U)	훅축 "A" 고무마개 (상)	1	1	2	2	
G-54	BR-000158-00		Hook Shaft Bearing "A"	훅축 베어링 "A" (φ10 X φ26 X 8t , 6000)	1	1	2	2	
G-55	GP-021112-01		Hook Shaft Gear "A"	훅축 기어 "A"	1	1	2	2	
G-56	04014SC-4517		Screw	훅축 기어 "A" 고정나사	2	2	4	4	
G-57	GP-021064-03		Hook Shaft "A"	훅축 "A"	1	1	2	2	

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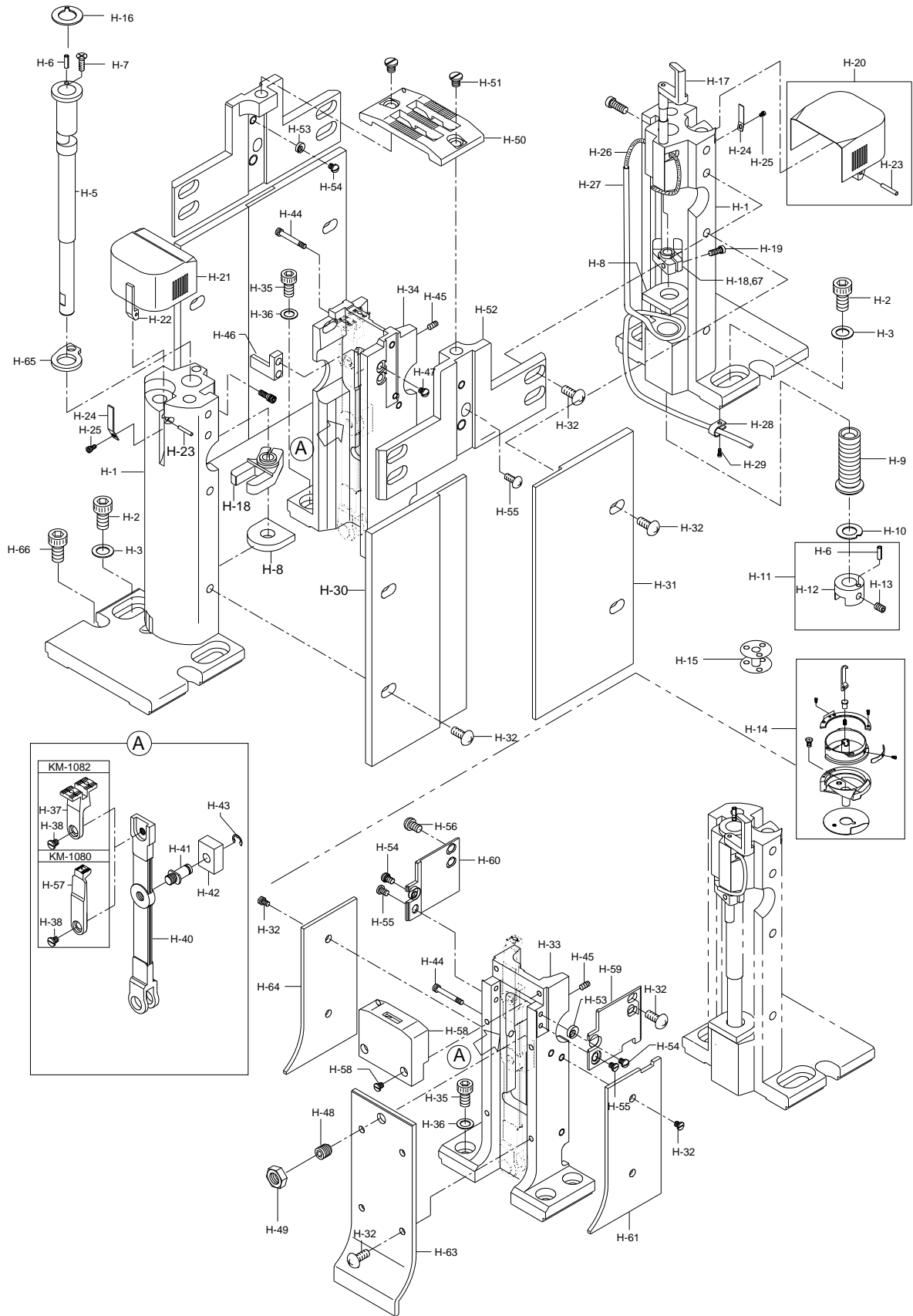






# Saddle & Posst Mechanism

## 새들 및 포스트 관계





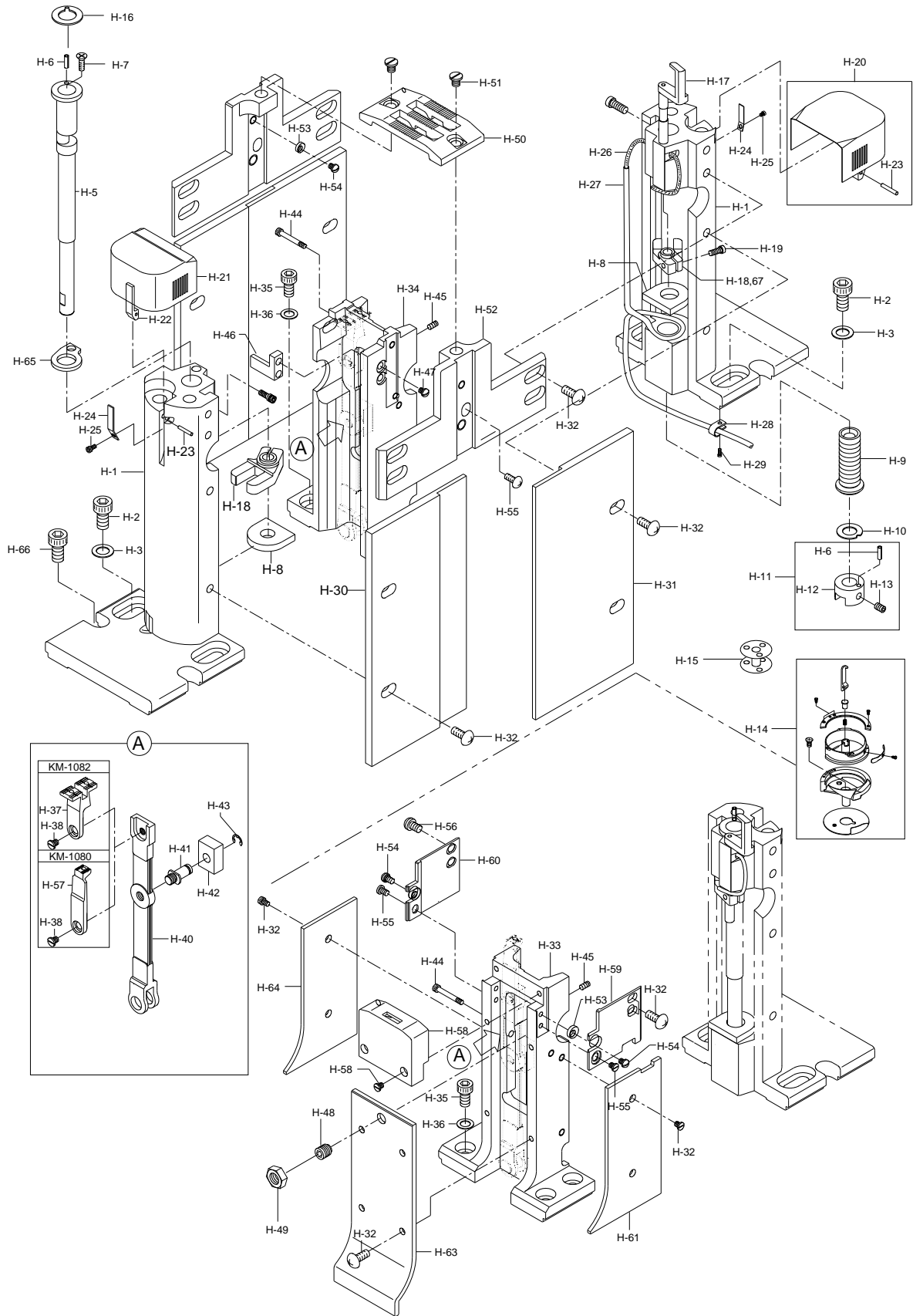
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Applied Period
					A	B	C	D	
H-1	GP-018934-03		Saddle	흑 받침		1		2	Aug.27.10
	GP-026756-00		Saddle	흑 받침 (비사절)	1		2		
H-2	14002SC-4113		Screw [M6×P1.0, L=15]	흑 받침 고정나사	2	2	4	4	
H-3	01S128S-306H		Washer	흑 받침 고정나사 와셔	2	2	4	4	
H-5	GP-018704-03		Hook Shaft	흑축	1	1	2	2	
H-6	PN-000285-00		Spring Pin [φ3×L6]	스프링 핀	2	2	4	4	
H-7	SC-000579-00		Screw (M3.5×P0.6, L=17.5)	흑 고정나사	1	1	2	2	
H-8	GP-018709-00		Felt For Hook Shaft	흑축 펠트	1	1	2	2	
H-9	GP-018705-00		Bushing For Hook Shaft	흑축 붓심	1	1	2	2	
H-10	WS-000181-03		Washer (D)	흑축 와셔 (하)	1	1	2	2	Sep.28.10
H-11	AS-005052-02		Coupling For Hook Shaft (U) Ass'y	흑축 커플링 (상) (조)	1Set	1Set	2Set	2Set	Oct.09.09
	AS-005052-01		Coupling For Hook Shaft (U) Ass'y	흑축 커플링 (상) (조)	1Set	1Set	2Set	2Set	Apr.04.08
H-12	GP-018707-02		Coupling For Hook Shaft (U)	흑축 커플링 (상)	1	1	2	2	Apr.04.08
H-13	05008MC-4517		Screw (M5×P0.8, L=8)	흑축 커플링 (상) 고정나사	2	2	4	4	
H-14	GP-024898-00		Hook Ass'y	흑 (조)		1		2	
	GP-024899-00		Hook Ass'y	흑 (조) (비사절)	1		2		
H-15	GP-025064-00		Bobbin	보빈	2	2	3	3	
H-16	WS-000180-00		Washer (U)	흑축 와셔 (상)	2	2	4	4	
H-17	GP-020506-04		Opener	오프너	1	1	2	2	
H-18	GP-018708-00		Opener Shaft Crank	오프너 축 크랭크(사절)		1		2	
H-19	SC-0211-7500		Screw (M4×P0.7, L=8)	오프너 축 크랭크 고정나사	1	1	2	2	
H-20	AS-005058-03		Hook Cover Ass'y	흑 커버(조)		1Set		2Set	Feb.20.10
	AS-006921-01		Hook Cover Ass'y	흑 커버(조) (비사절)	1Set		2Set		Feb.20.10
H-23	PN-000286-00		Pin For Hook Cover	흑 커버 핀	1	1	2	2	
H-24	GP-018711-01		Plate Spring For Hook Cover	흑 커버 판 스프링	1	1	2	2	
H-25	08006SC-8118		Screw (M3×P0.5, L=5)	흑 커버 판 스프링 고정나사	1	1	2	2	
H-26	44-0000-1230		Oil Wick For Saddle	흑 받침 급유유심	1	1	2	2	
H-27	GP-034901-00		Oil Hose For Saddle	흑 받침 급유호스	1	1	2	2	
H-28	10-065A-9577		Holder For Oil Hose	흑 받침 급유호스 잡이	1	1	2	2	
H-29	22031SC-8118		Screw	흑 받침 급유호스 잡이 고정나사	1	1	2	2	
H-30	GP-015986-00		Saddle Cover (L)	흑 받침 커버(좌)			2	2	
H-31	GP-015987-00		Saddle Cover (R)	흑 받침 커버(우)			2	2	
H-32	04010MC-3123		Screw	커버 고정나사	13	13	16	16	
H-33	GP-020297-03		Post	포스트	1	1			
H-34	GP-020108-04		Post	포스트			1	1	Nov.01.09
H-35	14002SC-4113		Screw [M6×P1.0, L=15]	포스트 고정나사	4	4	4	4	
H-36	01S128S-306H		Washer	포스트 고정나사 와셔	4	4	4	4	
H-37	GP-018997-04		Feed Dog	톱니			1	1	Mar.23.10
H-38	SC-000623-00		Screw	톱니 고정나사	1	1	1	1	
H-40	GP-018715-02		Feed Dog Lever	톱니 연결 로드	1	1	1	1	Mar.23.10
H-41	GP-018716-01		Hinge For Feed Dog Lever	톱니 연결 로드 힌지	1	1	1	1	
H-42	GP-018717-02		Slid Block For Feed Dog Lever	톱니 연결 로드 슬라이드 블록	1	1	1	1	
H-43	RI-000109-00		Ring [φ]	톱니 연결 로드 슬라이드 블록 고정 E-링	1	1	1	1	
H-44	SC-000578-00		Adjusting Screw For Slid Block	톱니 연결 로드 슬라이드 블록 조절나사	1	1	1	1	
H-45	SC-0105-7500		Screw	슬라이드 블록 조절나사 고정나사	1	1	1	1	
H-46	GP-018718-01		Guide Block For Feed Dog Lever	톱니 연결 로드 가이드 블록			1	1	
H-47	SC-000597-00		Screw	톱니 연결 로드 가이드 블록 고정나사			2	2	
H-48	SC-000702-00		Screw [M6×P1.0, L=8]	톱니 연결 로드 가이드 나사	1	1			
H-49	SN-000082-00		Nut [M6×P1.0, t=3.5]	톱니 연결 로드 가이드 나사 너트	1	1			
H-50	GP-018935-03		Needle Plate	침판			1	1	
H-51	SC-000594-01		Screw	침판 고정나사			2	2	
H-52	GP-018712-03		Feed Dog Support	침판 받침			2	2	
H-53	GP-018713-00		Adjusting Cam For Feed Dog Support	침판 받침 조절 캠	2	2	2	2	
H-54	GP-018714-00		Screw (M3×P0.5)	침판 받침 조절 캠 고정나사	2	2	2	2	
H-55	09018SC-8118		Screw (M4×P0.7, L=6.5)	침판 받침 조절나사	2	2			
H-56	SC-000211-00		Screw (M4×P0.7, L=9)	침판 받침 고정나사	4	4			

Note : A → KM-1080BL      B → KM-1080BL-7  
 C → KM-1082BL      D → KM-1082BL-7



# Saddle & Posst Mechanism

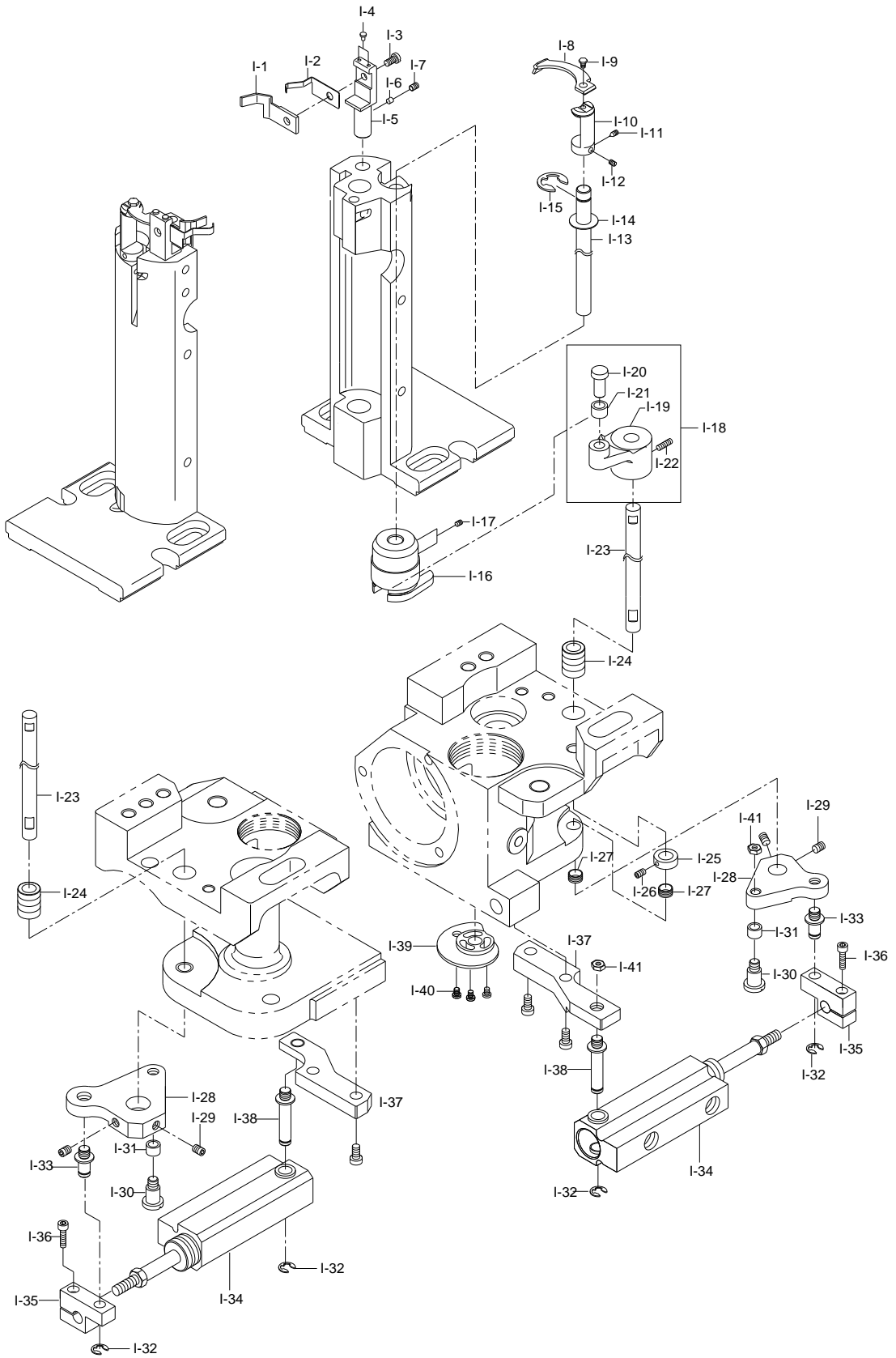
## 새들 및 포스트 관계





# Thread Trimmer Mechanism

## 사절 관계



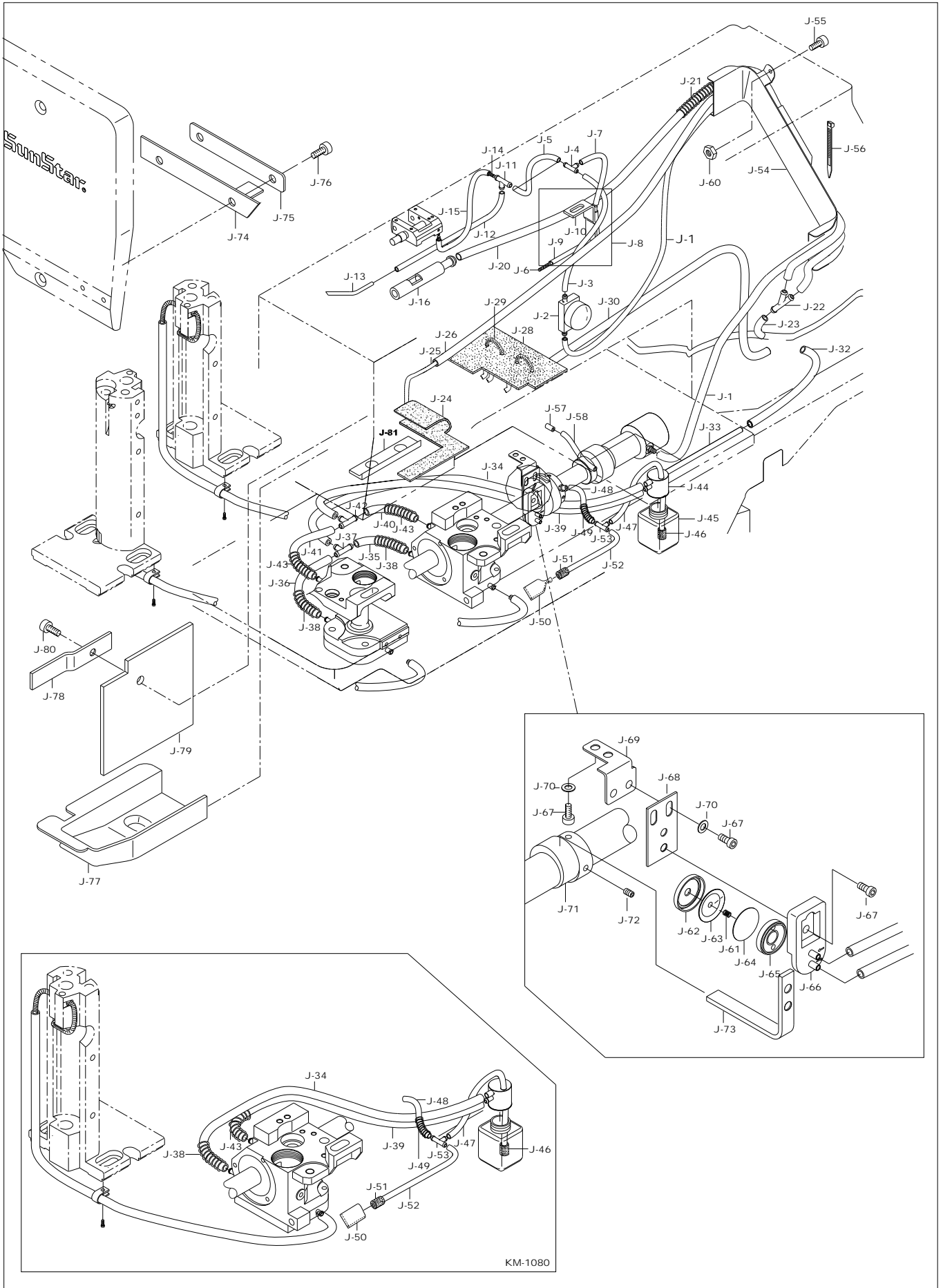




# J

## Lubrication Mechanism

### 급유 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Assembly No.
					A	B	C	D	
J-1	GP-034901-00		Oil Supply Hose	오일 급유 호스	1	1	1	1	
J-2	GP-020835-02		Oil Gauge Window	유창	1	1	1	1	
J-3	GP-016421-00		Oil Supply Hose For Oil Gage Windows	유창 오일 급유호스	1	1	1	1	
J-4	GP-022124-00		Oil Terminal "A"	오일 터미널 "A"	1	1	1	1	
J-5	GP-034901-00		Oil Supply Hose For Oil Terminal "A"	오일 터미널 "A" 급유호스	1	1	1	1	
J-6	44-0000-1230		Oil Wick For Upper Feed Driving Cam	노루발 상하운동 캠 급유유심	1	1	1	1	
J-7	GP-016421-00		Oil Supply Hose For Upper Feed Driving Cam	노루발 상하운동 캠 급유호스	1	1	1	1	
J-8	AS-005261-02		Oil Supply Pipe Ass'y For Upper Feed Driving Cam	노루발 상하운동 캠 급유 파이프 (조)	1set	1set	1set	1set	
J-9	GP-020977-00		Oil Supply Pipe For Upper Feed Driving Cam	노루발 상하운동 캠 급유 파이프	1	1	1	1	
J-10	GP-020975-00		Bracket For Oil Supply Pipe	노루발 상하운동 캠 급유 파이프 브라켓	1	1	1	1	
J-11	GP-022124-00		Oil Terminal "B"	오일 터미널 "B"	1	1	1	1	
J-12	GP-016421-00		Oil Supply Hose For Upper Feed Driving Shaft	상하 운동축 급유호스	1	1	1	1	
J-13	GP-020972-00		Oil Supply Pipe For Upper Feed Driving Shaft	상하 운동축 급유 파이프	1	1	1	1	
J-14	44-0000-1230		Oil Supply Hose For Climb Device Body	클라임 장치 몸체 급유유심	1	1	1	1	
J-15	GP-016421-00		Oil Supply Hose For Climb Device Body	클라임 장치 몸체 급유호스	1	1	1	1	
J-16	GP-020973-00		Reflux Nipple For Upper Feed Driving Shaft	상하 운동축 환류 니플	1	1	1	1	
J-20	GP-016421-00		Reflux Hose For Upper Feed Driving Shaft	상하 운동축 환류 호스	1	1	1	1	
J-21	GP-021230-00		Reflux Hose For Upper Feed Driving Shaft	상하 운동축 환류 호스 가이드 스프링 "A"	1	1	1	1	
J-22	GP-021573-00		Reflux Oil Terminal	상하 운동축 환류 호스 오일 터미널 (Y-Type)	1	1	1	1	
J-23	GP-016421-00		Connecting Hose "A" For Oil Terminal	오일 터미널 연결 호스 "A"	1	1	1	1	
J-24	GP-020976-01		Face Plate Part Felt	Head부 펠트	1	1	1	1	
J-25	44-0000-1230		Reflux Oil Wick For Face Plate Part Felt	Head부 환류 유심	1	1	1	1	
J-26	GP-034901-00		Reflux Hose For Face Plate Part Felt	Head부 환류 호스	1	1	1	1	
J-28	GP-021291-01		Reflux Felt For Arm	암 환류 펠트	1	1	1	1	
J-29	44-0001-1230		Reflux Oil Wick For Arm	암 환류 유심	1	1	1	1	
J-30	GP-016421-00		Reflux Hose For Arm	암 환류 호스	1	1	1	1	
J-32	GP-034903-00		Connecting Hose "B" For Oil Terminal	오일 터미널 연결 호스 "B"	1	1	1	1	
J-33	GP-021155-01		Fixed Pipe Oil Tank	오일 탱크 고정 파이프	1	1	1	1	
J-34	GP-034903-00		Oil Supply Hose For Hook Base	훅 베이스 급유호스 "A"	1	1	1	1	
J-35	GP-034903-00		Oil Supply Hose For Hook Base	훅 베이스 급유호스 "B"			1	1	
J-36	GP-034903-00		Oil Supply Hose For Hook Base	훅 베이스 급유호스 "C"			1	1	
J-32	GP-034903-00		Connecting Hose "B" For Oil Terminal	오일 터미널 연결 호스 "B"	1	1	1	1	
J-33	GP-021155-00		Fixed Pipe Oil Tank	오일 탱크 고정 파이프	1	1	1	1	
J-34	GP-034903-00		Oil Supply Hose For Hook Base	훅 베이스 급유호스 "A"	1	1	1	1	
J-35	GP-034903-00		Oil Supply Hose For Hook Base	훅 베이스 급유호스 "B"			1	1	
J-36	GP-034903-00		Oil Supply Hose For Hook Base	훅 베이스 급유호스 "C"			1	1	
J-42	GP-021572-00		Oil Supply Hose For Hook Base	훅 베이스 환류호스 오일 터미널 (T-Type)			1	1	
J-43	GP-021229-00		Oil Supply Hose Spring For Hook Base	훅 베이스 환류호스 스프링	1	1	2	2	
J-44	GP-021165-00		Oil Tank "A"	오일 탱크 "A"	1	1	1	1	
J-45	GP-021166-00		Oil Tank "B"	오일 탱크 "B"	1	1	1	1	
J-46	GP-022125-00		Oil Tank Nipple	오일 탱크 니플	1	1	1	1	
J-47	GP-016421-00		Reflux Hose "A"	오일 환류호스 "A"	1	1	1	1	
J-48	GP-016421-00		Reflux Hose "B"	오일 환류호스 "B"	1	1	1	1	
J-49	GP-021231-00		Guide Spring "C" For Reflux Hose "B"	환류 호스 "B" 가이드 스프링 "C"	1	1	1	1	
J-50	GP-021237-00		Reflux Felt For Oil Pan	오일 팬 환류 펠트	1	1	1	1	
J-51	GP-022125-00		Reflux Filter For Oil Pan	오일 팬 환류 필터	1	1	1	1	
J-52	GP-016421-00		Reflux Hose "C"	오일 환류호스 "C"	1	1	1	1	
J-53	GP-022124-00		Oil Terminal (T-Type)	오일 환류호스 오일 터미널 (T-Type)	1	1	1	1	
J-54	GP-021227-02		Oil Supply Hose Guide	급유호스 가이드	1	1	1	1	
J-55	SC-000168-00		Screw (AB 4.2 L=20)	급유호스 가이드 고정나사	2	2	2	2	
J-56	02-003A-2700		Bend Clip	밴드 클립 중	1	1	1	1	
J-57	44-069C-106L		Bed Nipple	베드 니플	1	1	1	1	
J-58	GP-016421-00		Bed Nipple Hose	베드 니플 호스	1	1	1	1	
J-59	SN-000144-00		Nut	급유호스 가이드 고정나사 너트	2	2	2	2	
J-61	GP-035181-00		Spring	스프링	1	1	1	1	
J-62	GP-035184-00		Oil Pump cover	오일펌프 커버	1	1	1	1	

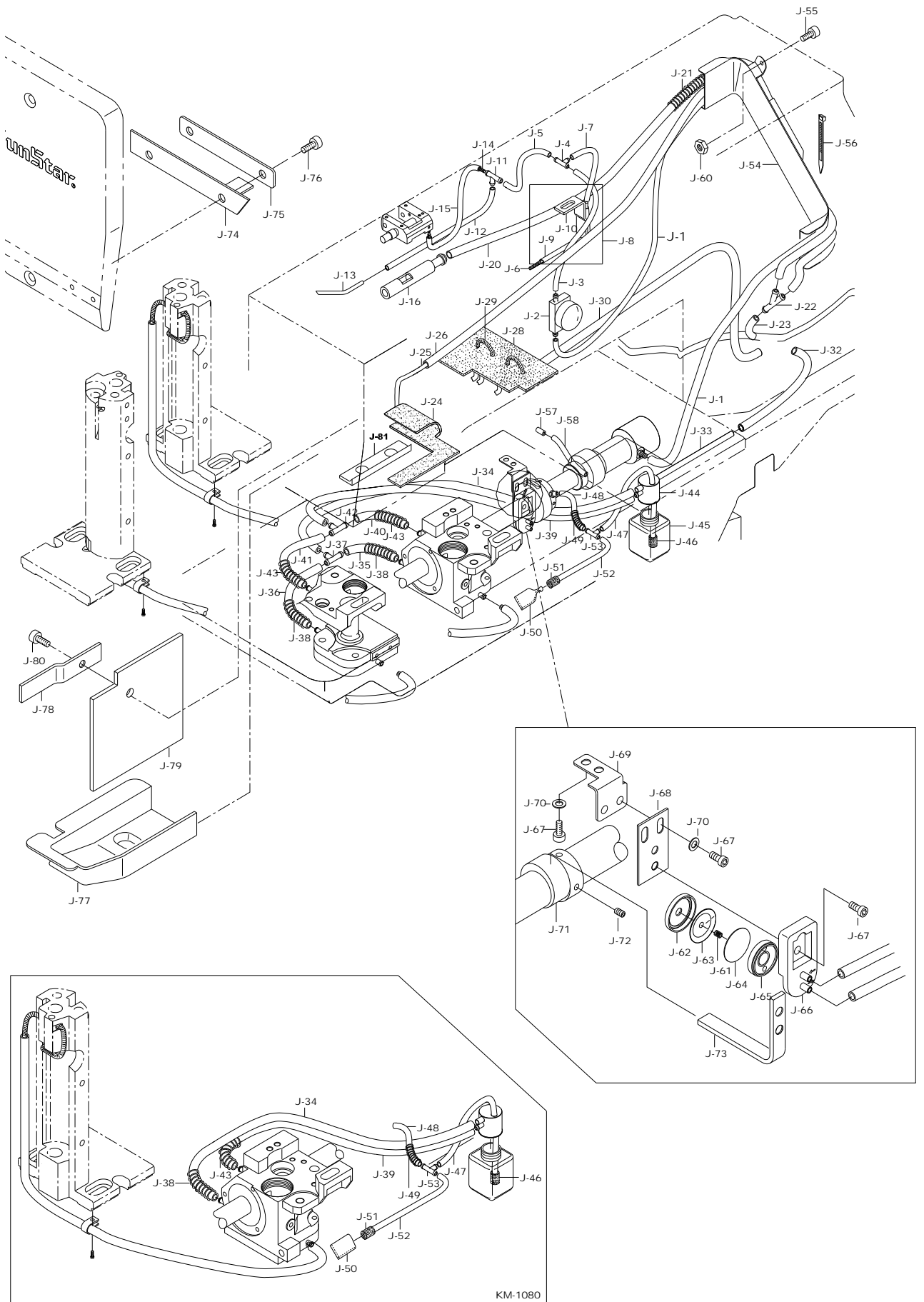
Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7



# Lubrication Mechanism

## 급유 관계





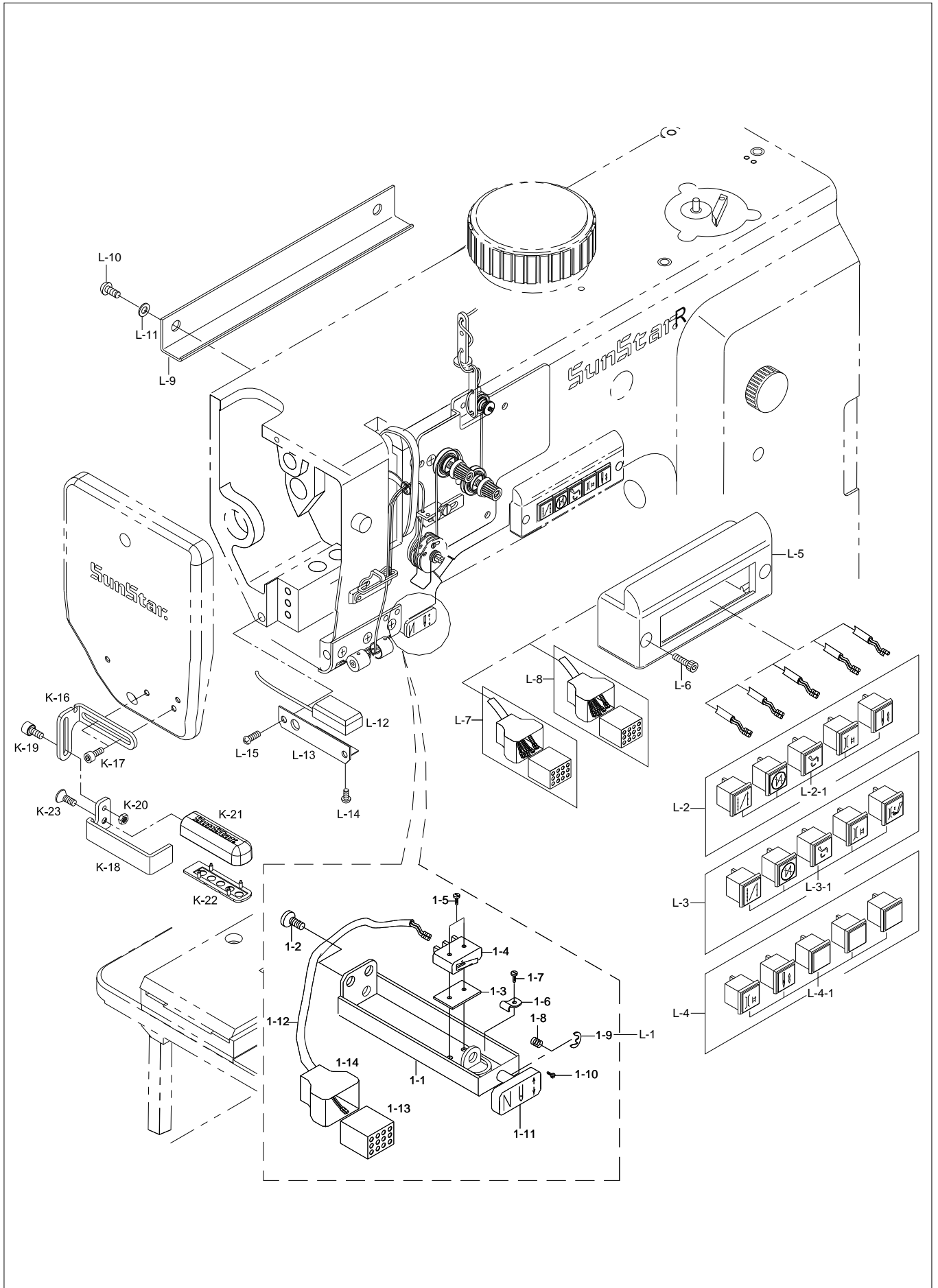




# L

## Function Switch & Led Lamp Mechanism

### 기능 스위치 및 LED램프 관계



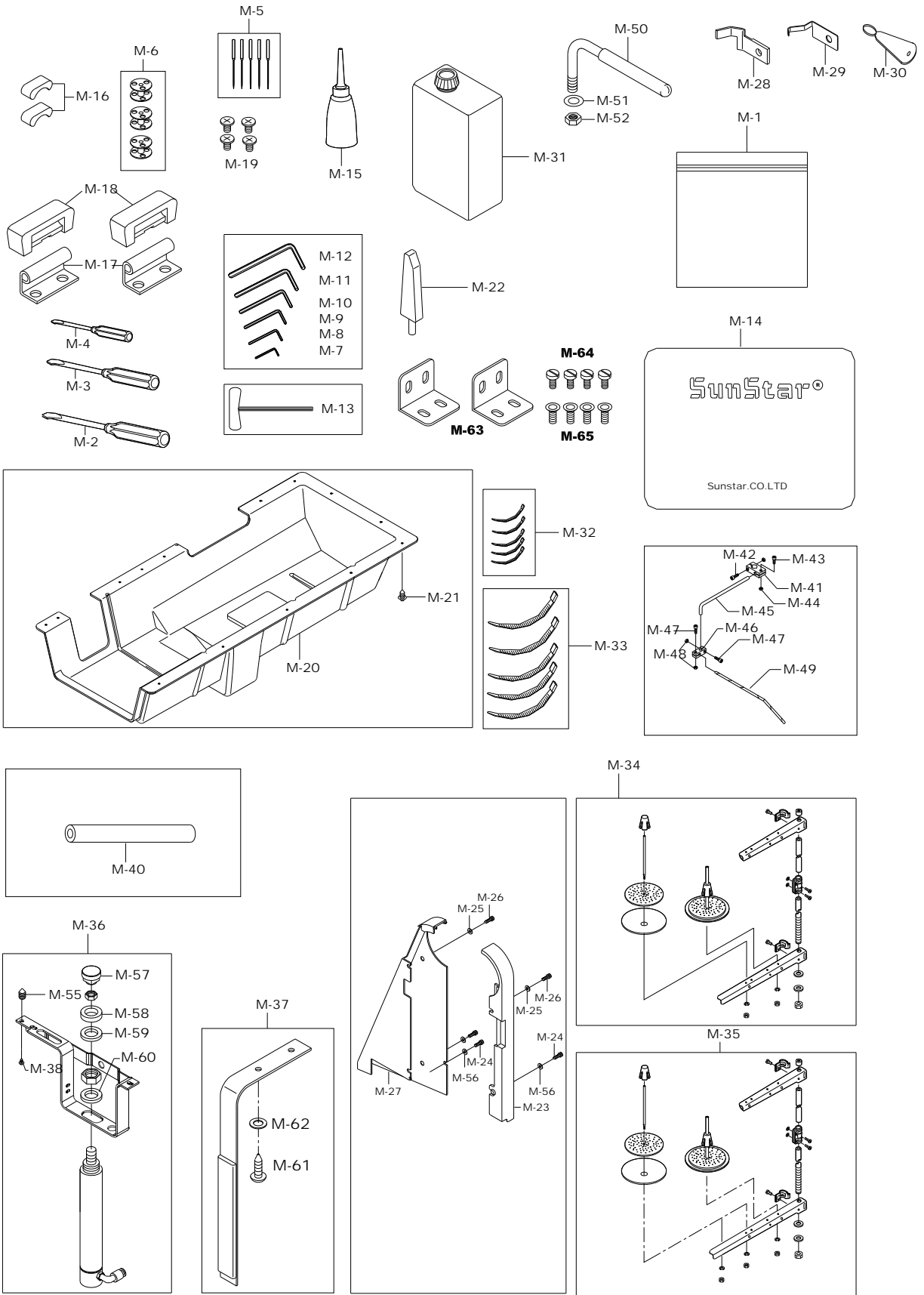




# M

## Accessories Mechanism

### 액세서리 관계





Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty				Assembly No.
					A	B	C	D	
M-1	91-001C-1230		Accessories Bag	액세서리 백	1	1	1	1	
M-2	91-002C-1230		Driver (Large)	드라이버 (대)	1	1	1	1	
M-3	91-103C-1230		Driver (Middle)	드라이버 (중)	1	1	1	1	
M-4	91-103C-1230		Driver (Small)	드라이버 (소)	1	1	1	1	
M-5	GP-025559-00		Needle (DP×35 #19)	바늘 (DP×35 #19)	5	5	5	5	
M-6	GP-025064-00		Bobbin(1.6)	보빈(1.6)	3	3	3	3	
M-7	91-007C-106L		L-Wrench (1.5mm)	L 렌치 (1.5mm)	1	1	1	1	
M-8	91-001C-2700		L-Wrench (2.0mm)	L 렌치 (2.0mm)	1	1	1	1	
M-9	91-004C-2700		L-Wrench (2.5mm)	L 렌치 (2.5mm)	1	1	1	1	
M-10	91-003C-2700		L-Wrench (3.0mm)	L 렌치 (3.0mm)	1	1	1	1	
M-11	91-001C-3800		L-Wrench (4.0mm)	L 렌치 (4.0mm)	1	1	1	1	
M-12	91-002C-2700		L-Wrench (5.0mm)	L 렌치 (5.0mm)	1	1	1	1	
M-13	GP-002083-00		T-Wrench (2.5mm) Long Type	T 렌치 (2.5mm)			1	1	
M-14	91-101C-8270		Head Cover	미싱커버	1	1	1	1	
M-15	91-011C-1230		Oiler	오일 주유통	1	1	1	1	
M-16	GP-021284-00		Nail For K-20	베드받침 고무	2	2	2	2	
M-17	GP-021049-00		Hinge	힌지쇠	2	2	2	2	
M-18	01-042R-1230		Hinge Rubber	힌지고무	2	2	2	2	
M-19	SC-000806.01		Screw	힌지쇠 고정나사	4	4	4	4	
M-20	GP-021232-02		Oil Pan	오일팬	1	1	1	1	
M-21	90S020S-306H		Fixed Screw For Oil Pan	오일팬 고정나사	10	10	10	10	
M-22	GP-016078-01		Head Rest	두부 지지대	1	1	1	1	
M-23	GP-016473-01		Belt Cover "A"	벨트커버"A"	1	1	1	1	
M-24	02031SC-7113		Screw (M5xL8)	벨트커버 고정나사	2	2	2	2	
M-25	08057SW-1111		Washer (φ6)	벨트커버 고정나사 와셔	4	4	4	4	
M-26	16059SC-4113		Screw (M6xL12)	벨트커버 고정나사	3	3	3	3	
M-27	GP-016476-01		Belt Cover "B"	벨트커버"B"	1	1	1	1	
M-28	GP-020305-00		Fixed Mes	고정메스		1		1	
M-29	GP-020519-03		Lower Thread Catcher	밑실 잡이		1		1	
M-30	91-007C-7400		Needle Thread Inserting Guide	실끼우기	1	1	1	1	
M-31	91-008C-1230		Oil	오일캔	1	1	1	1	
M-32	02-003A-2700		Band Clip (S)	밴드클립 (소)	5	5	5	5	
M-33	01A143S-811H		Band Clip (M)	밴드클립 (중)	5	5	5	5	
M-34	GP-022624-00		Thread Stand Assembly	실패꽃이 (조)	1	1			
M-35	91-008A-7400		Thread Stand Assembly	실패꽃이 (조)			1	1	
M-36	AS-006631-04		Presser Bar Lifting Cylinder Ass'y	노루발 올림 실린더 (조)	1set	1set	1set	1set	
M-37	EA-000090-00		Switch For Knee Lifting Ass'y	무릎올림 스위치 (조)	1set	1set	1set	1set	
M-38	08087SC-4113		Screw	브라켓 고정 나사	3	3	3	3	
M-40	05A052S-811H		Urethan Hose (φ6)	우레탄호스TU-0604B(검정색)	1.7	1.7	1.7	1.7	
M-41	GP-001517-00		Holder For Thread Guide Sub-Bar	실패꽃이 보조가이드 잡이	1	1	1	1	
M-42	SC-000168-00		Screw(M4xP0.7,L=20)	실패꽃이 보조가이드 잡이 고정나사"A"	1	1	1	1	
M-43	07016SC-7113		Screw(M4xP0.7,L=12)	실패꽃이 보조가이드 잡이 고정나사"B"	1	1	1	1	
M-44	SN-000026-00		Nut(M4xP0.7)	실패꽃이 보조가이드 잡이 고정너트	2	2	2	2	
M-45	GP-001514-00		Thread Guide Sub-Bar	실패꽃이 보조가이드	1	1	1	1	
M-46	GP-001516-00		Holder For Thread Guide Bar	실패꽃이 보조가이드 잡이	1	1	1	1	
M-47	07016SC-7113		Screw(M4xP0.7,L=12)	실패꽃이 가이드 잡이 고정나사	2	2	2	2	
M-48	SN-000026-00		Nut(M4xP0.7)	실패꽃이 가이드 잡이 고정너트	2	2	2	2	
M-49	GP-001515-00		Thread Guide Bar	실패꽃이 가이드	1	1	1	1	
M-50	AS-006982-00		BED SUPPORTER (Set)	베드 지지축 (조)	1	1	1	1	
M-51	90-011W-2516		Washer	와셔	1	1	1	1	
M-52	01A114S-811H		Nut(M10)	너트	1	1	1	1	
M-55	GP-032901-00		Insert	테이핑 인서트	3	3	3	3	
M-56	01S128S-306H		Washer	와셔	2	2	2	2	
M-57	AS-006638-00		Connector For Cylinder	공압 실린더연결 커넥터(조)	1set	1set	1set	1set	
M-58	GP-020820-00		Plastics Washer	플라스틱 와셔	1	1	1	1	
M-59	WS-000379-00		Washer	노루발 올림 실린더 와셔	1	1	1		

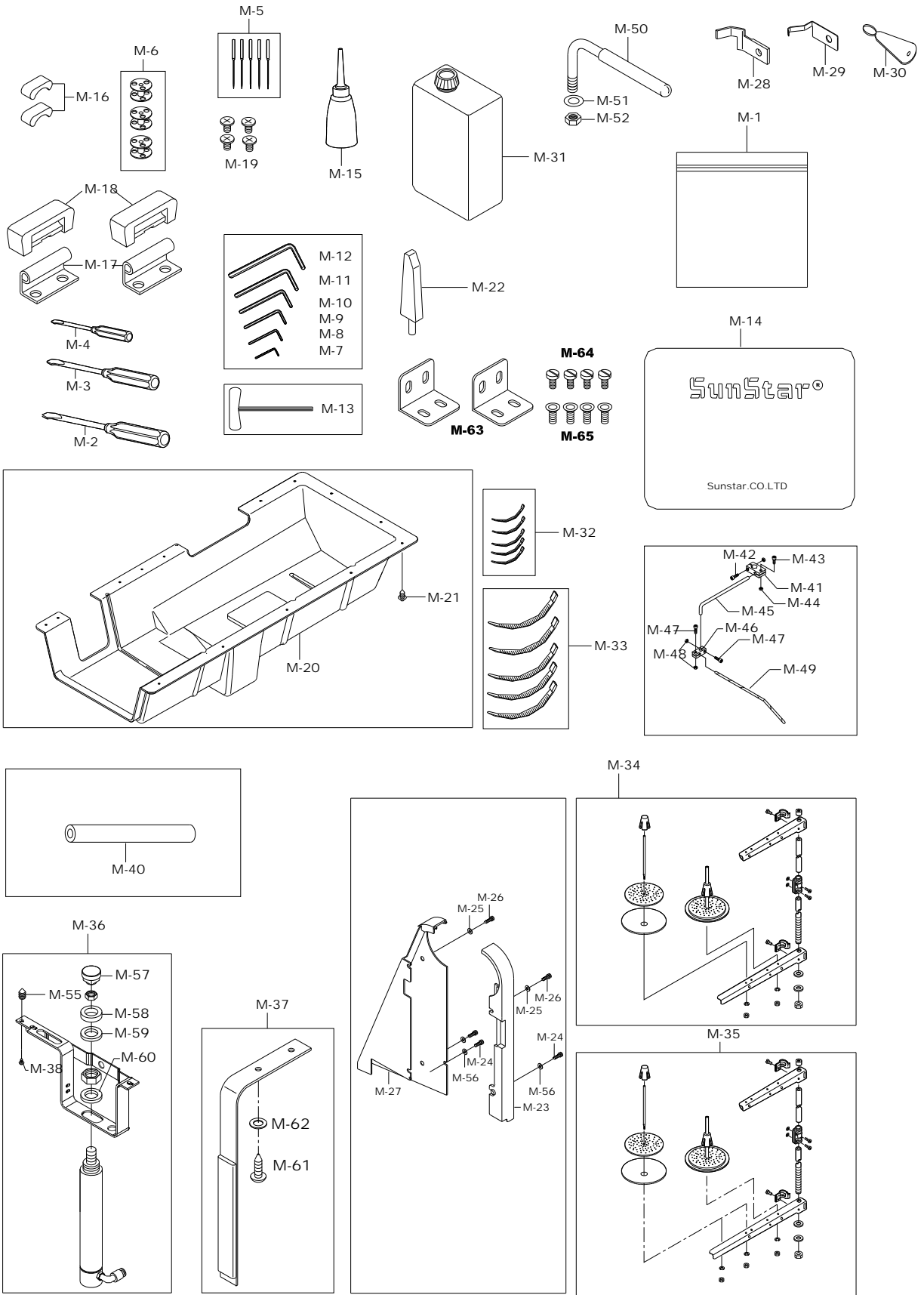
Note : A → KM-1080BL  
C → KM-1082BL

B → KM-1080BL-7  
D → KM-1082BL-7

# M

## Accessories Mechanism

### 액세서리 관계

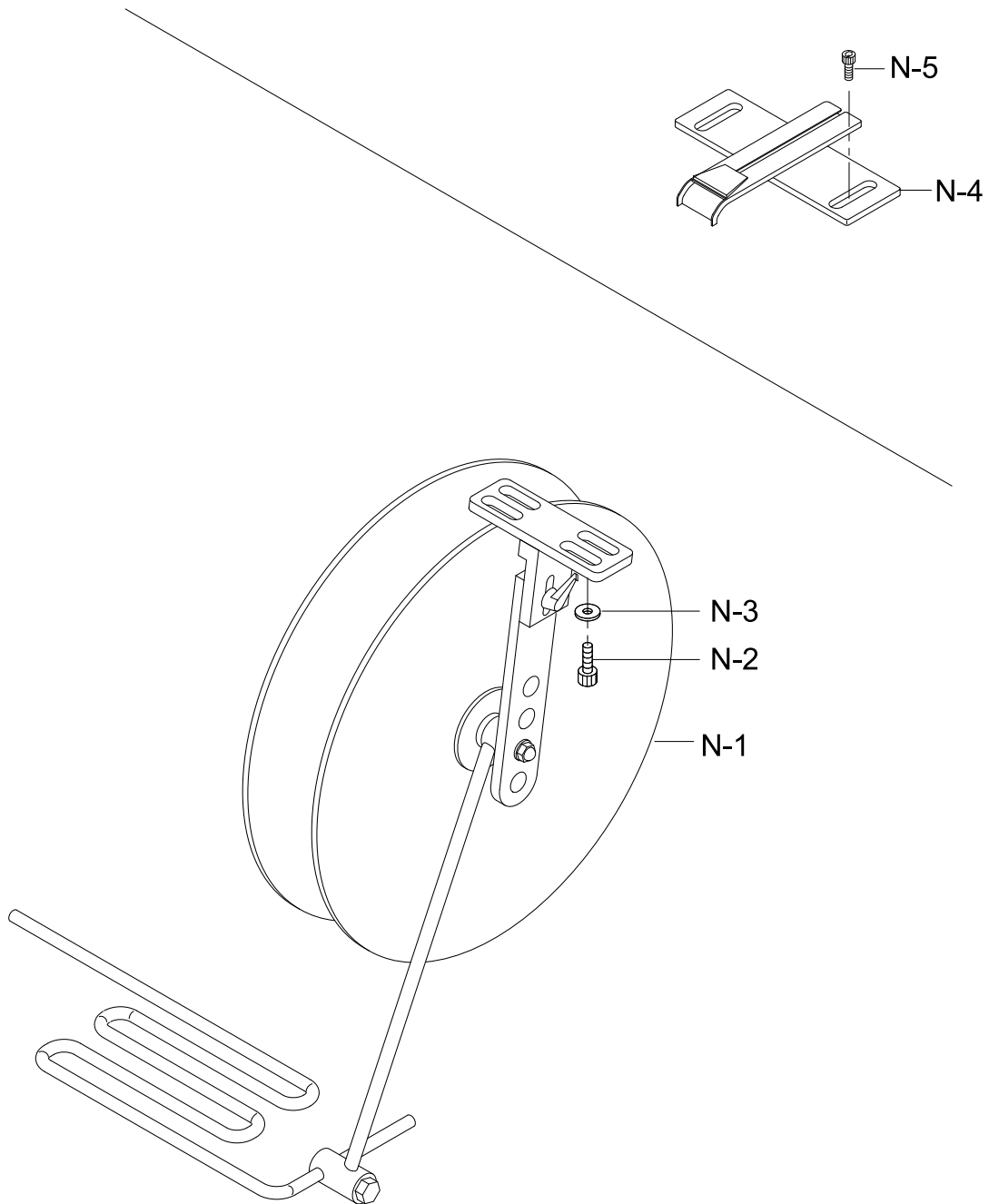




# N

## Tape Guide Mechanism (Option)

테이프 가이드 관계 (선택사양)







# Gauge

## 게이지

### 1) KM-1080 Series

No.	Gauge Size 게이지 사이즈	Assembly No. 조 품번	Feed Dog 톱니		Feeding Foot 주 노루발	Presser Foot 보조 노루발		Throat Plate 침판	Throat Plate Bearer 침판 받침
			BL-7	BLH	BL-7/BLH	BL-7/BLH		BL-7/BLH	BL-7/BLH
1	9mm Standard Gauge	AS-008824-00	GP-028641-03	-	GP-029109-00	GP-029106-00	-	GP-029392-03 (9mm)	GP-020432-01 (Front) GP-020433-01 (Rear)
2	Edge Guide 엣지 가이드	AS-008030-00			GP-029928-00	-	AS-006746-02		
3	12mm	AS-008825-00	-	GP-029391-01	GP-029109-00	GP-029106-00	-	GP-028642-01 (12mm)	
4	6mm	AS-008826-00	GP-020436-03	-	GP-020571-00	GP-021309-00	-	GP-020631-00 (6mm)	
5	Car-seat Special 1	AS-008226-00	GP-028641-03		GP-036344-00	GP-036345-00	-	GP-029392-03 (9mm)	





2) KM-1082 Series

No.	Needle Distance 침간	Assembly No. 조 품번	Needle Holder 바늘 잡이	Thread Guide of Needle Holder 바늘 잡이 실안내	Finger Guard 핑거 가드	Feed Dog 톱니		Feeding Foot 주 노루발					
						BL-7	BLH	Standard 기본	Compensation Presser Foot 단차 노루발				
								BL-7/BLH	BL-7/BLH				
1	2.0mm (slant line)	AS-016167-00	GP-047102-00	-	06-130C-106L	GP-049029-01	-	GP-047103-00	-				
2	2.4mm	AS-015033-00	GP-043109-00	GP-043108-00		GP-043111-02		GP-043110-00					
		AS-015570-00 Parallel Feed Dog	GP-045292-00			GP-045302-01		GP-045768-00					
3	3.2mm	AS-008848-00	GP-021995-03	GP-021993-00		GP-038560-02 Feed Lever (GP-038561-00)		GP-021996-00					
		AS-008849-00				GP-031795-03		GP-000204-00		AS-006676-01 (OPTION)			
4	6mm	AS-008850-00	GP-000191-01			-		GP-032803-03 (OPTION)		GP-032801-02	-		
		AS-008851-00				-		GP-022002-00		-			
5	6mm Special	AS-008852-00 AS-008853-00	-			-		-		GP-000425-00	AS-006281-02 (OPTION)		
6	6.4mm	-	GP-022001-03			-		-		GP-024717-00	AS-006598-02 (OPTION)		
7	8mm	AS-008854-00	GP-000426-01			GP-000205-00		GP-000449-00		GP-026879-03	GP-027584-02 (OPTION)	GP-024717-00	AS-006283-02 (OPTION)
		AS-008855-00								GP-024716-02	GP-018997-04	-	GP-000431-00
8	3/8"	AS-008856-00	GP-000432-03		-		-		GP-000437-00	-			
		AS-008857-00			-		-		-	-			
9	10mm	AS-008858-00	GP-000438-03		-		-		-	-			
		AS-008859-00		-	-		-		-				
10	12mm	-	GP-000438-03	-	-		-		-				
		AS-015003-00		-	-		-		-				
		AS-015004-00		-	-		-		-				
11	1/2"	-	GP-029000-00	-	-		-		AS-006658-01 (OPTION)				

No.	Needle Distance 침간	Assembly No. 조 품번	Presser foot 보조 노루발			Throat plate 침판	Throat plate bearer 침판 받침	Feed Dog Lever 톱니 레버
			Standard	Seam Center Guide				
			BL-7/BLH	BL-7	BLH			
1	2.0mm (slant line)	AS-016167-00	GP-047105-00	-	-	GP-047104-00	GP-043113-00	GP-047106-00 (Option)
2	2.4mm	AS-015033-00	GP-021997-00			GP-043112-00		GP-043102-00
		AS-015570-00 Parallel Feed Dog	GP-045769-00			GP-038563-00 (6mm)	GP-038562-00 (2EA)	-
3	3.2mm	AS-008848-00	GP-021997-00			GP-038564-00 (9mm)	GP-031587-02 (9mm)	GP-027040-01 (2EA)
		AS-008849-00	AS-006677-01 (OPTION)			GP-027041-02 (12mm)	GP-033135-03 (9mm)	
4	6mm	AS-008850-00	GP-000203-00			-	GP-032802-01 (12mm)	-
		AS-008851-00				AS-006285-01 (OPTION)	GP-031589-02 (9mm)	GP-026973-01 (2EA)
5	6mm Special	AS-008852-00	GP-000424-00			GP-026878-02 (12mm)	GP-033790-01 (9mm)	GP-031313-01 (2EA)
		AS-008853-00				AS-006286-01	GP-033789-01 (12mm)	GP-018712-03 (2EA)
6	6.4mm	-	GP-000430-00			GP-031594-02 (9mm)	GP-018935-03 (12mm)	-
		AS-008854-00				AS-006287-01 (OPTION)	AS-006660-00 (OPTION)	-
7	8mm	AS-008855-00	GP-000436-00	-	GP-043557-00 (12mm)	GP-043559-00		
		AS-008856-00		-	-	GP-043558-00 (12mm)	GP-043559-00	
8	3/8"	AS-008857-00	-	-	-	-		
		AS-008858-00	-	-	-	-		
9	10mm	AS-008858-00	-	-	-	-		
		AS-008859-00	-	-	-	-		
10	12mm	-	-	-	-	-		
		AS-015003-00	-	-	-	-		
		AS-015004-00	-	-	-	-		
11	1/2"	-	-	-	-	-		

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