



PARTS BOOK

SPS/B-2516 Series

Electronically Controlled
Pattern Sewing Machine
For Middle Sized Sewing
Goods
(Direct Drive Type)

PME-100517

SunStar CO., LTD.

From the library of: Superior Sewing Machine & Supply LLC

Information

A. Parts Book 구성

Structure of Part Book

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

Ref. No	Parts No	Note	Name of Parts	품명	Q'ty	Assembly No.
A-1	GP-012842-03		Arm	오른	1	
A-2	GP-010073-06		Bed	베드	1	
A-3	GP-010073-06		Base Plate	베이스	1	
A-4	GP-000000-00		Base Plate (Gasket)	베이스 가스켓	1	
A-5	GP-01174-4122		Screw (1.64" x 4.0)	볼트	10	
A-6	GP-011011-1330		Rubber Cap For Base Plate	베이스 고무캡	2	
A-7	GP-011011-1330		Caution (Screw)	경고 스크류	1	
A-8	GP-011011-1330		Turn-up Upper Cover	상부 커버	1	
A-9	GP-011011-1330		Screw (1.64" x 4.0)	볼트	1	
A-10	GP-011011-1330		Bed Cover (L)	베드 커버 (L)	1	
A-11	GP-011011-1330		Bed Cover (Gasket)	베드 커버 가스켓	1	
A-12	GP-011011-1330		Screw (1.64" x 4.0)	볼트	14	
A-13	GP-011011-1330		Washer	와셔	2	
A-14	GP-011011-1330		Bed Cover (R)	베드 커버 (R)	1	
A-15	GP-011011-1330		Bed Cover (Gasket)	베드 커버 가스켓	1	
A-16	GP-011011-1330		Oil Tank Rubber Cap	오일 탱크 고무캡	1	
A-17	GP-011011-1330		Thread Guide with Three Poles	세극 가이드	1	
A-18	GP-011011-1330		Screw (1.64" x 4.0)	볼트	2	
A-19	GP-011011-1330		Thread Guide (R)	가이드	1	
A-20	GP-011011-1330		Arm Thread Guide Assy	오른 가이드 어셈블리	1	
A-21	GP-011011-1330		Nut	너트	1	
A-22	GP-011011-1330		Thread Guide (L)	가이드 (L)	1	
A-23	GP-011011-1330		Thread Guide Assy	가이드 어셈블리	1	
A-24	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-25	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-26	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-27	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-28	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-29	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-30	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-31	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-32	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-33	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-34	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-35	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-36	GP-011011-1330		Stitch Tack	스티치 탭	1	
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A-38	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-39	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-40	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-41	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-42	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-43	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-44	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-45	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-46	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-47	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-48	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-49	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-50	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-51	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-52	GP-011011-1330		Stitch Tack	스티치 탭	1	
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A-55	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-56	GP-011011-1330		Stitch Tack	스티치 탭	1	
A-57	GP-011011-1330		Stitch Tack Assy	스티치 탭 어셈블리	1	
A-58	GP-011011-1330		Stitch Tack	스티치 탭	1	

Note: P=Heavy Material (중량재), M=Medium Material (중량재), H=Heavy Material (중량재), L=Light Material (경량재), K=Kitt Material (키트재), EL=Large Shuttle Model (대형 셔틀 모델), S=Small Shuttle Model (소형 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(組) 파트 Set parts
	GP-000000-00	기구적 파트 Instrumental parts
	EP-000000-00	전기적 파트 Electrical parts

⑥Note:공지사항 표기 및 메모

Refers to notice and memo

⑦품

명:파트의 고유 품명

Name of Part:Unique name of parts

⑧Q'ty :파트의 수량

The number of parts

⑨Assembly no.:조(組) 파트의 식별 번호

Unique identification number by set part

Warning

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

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

Pattern S/M Model 패턴 기종구분

SPS/B-2516-HS-20

Sunstar Pattern System
썬스타 패턴 시스템

Series
시리즈

Sewing Area
봉제범위 구분
(X) x 10mm
(Y) x 10mm

Material Type 용도 구분
G:General Material (일반용)
H:Heavy Material (후물용)
E:Extra Heavy (극후물용)

Feed Frame Type
피이드 판 구분

20:Pneumatic mono-lithic feeding
Frame(공압식 일체형 피이드 판)
22:Pneumatic Separately-Driven
feeding frame
(공압식 분리형 피이드 판)

Stitch Type 사양 구분
S:Standard Stitch
P:Perfect Stitch

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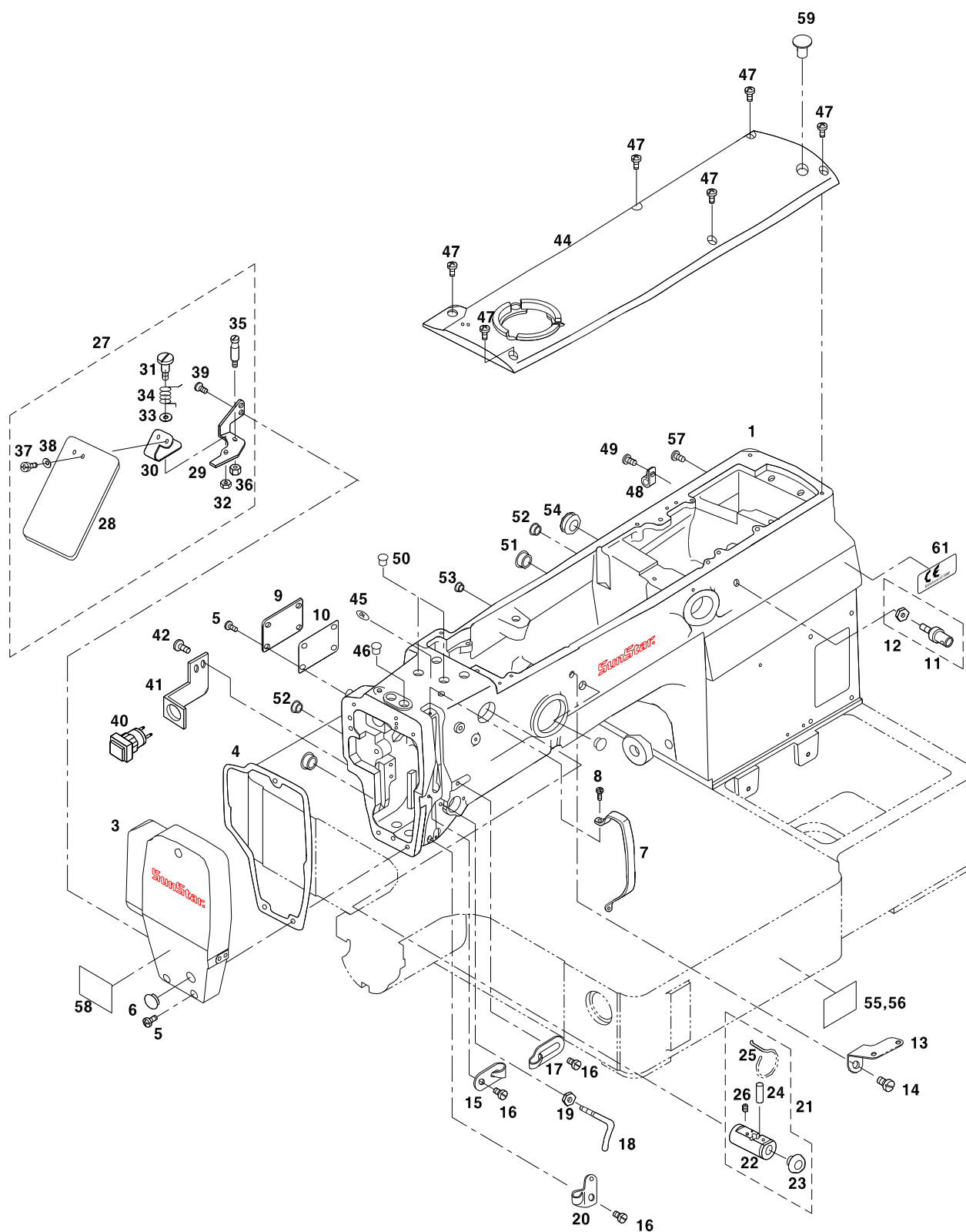
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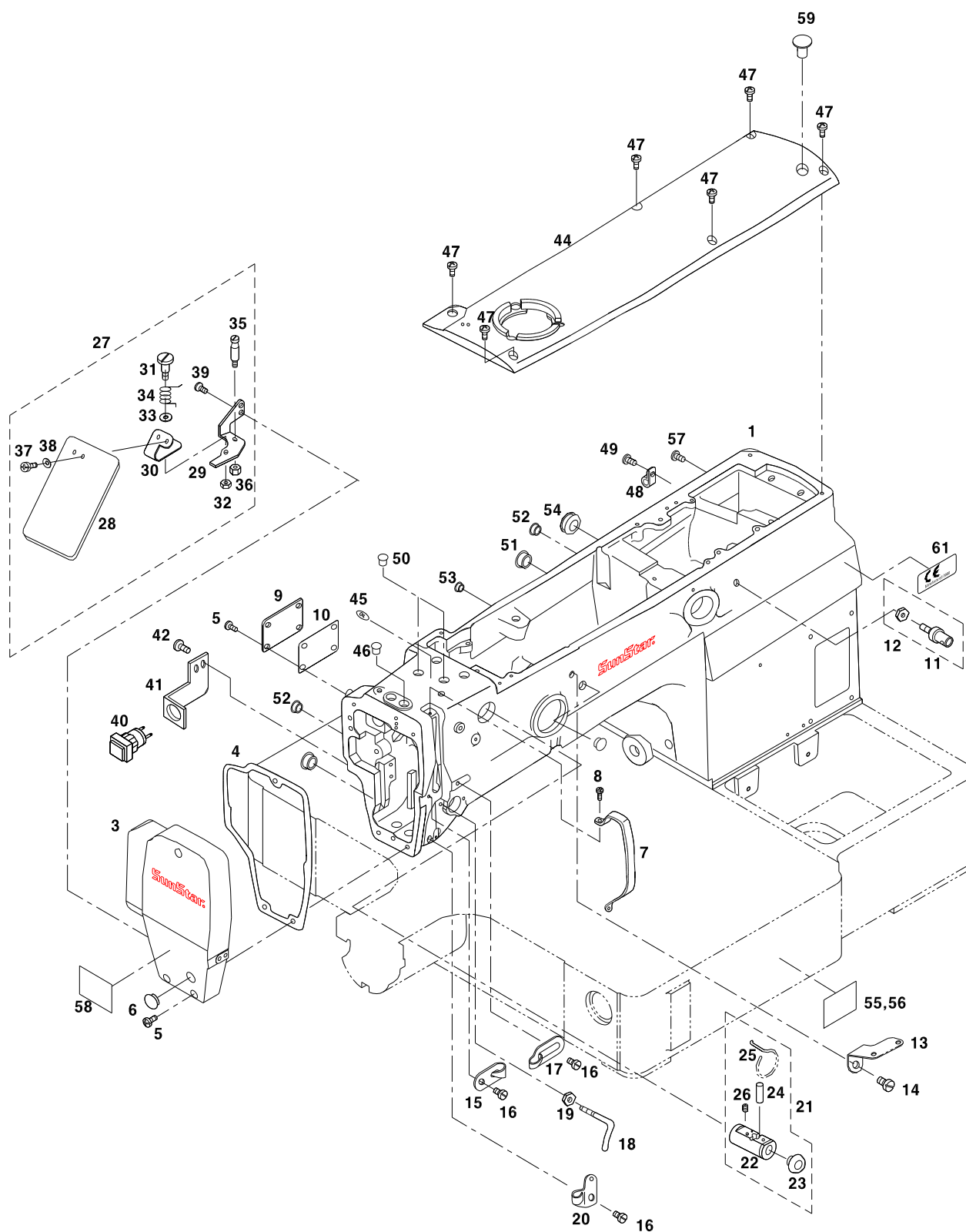
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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
A-1	CAB-AA000301		Arm	아암	1	
A-3	CMB-LA001001		Face Plate	면판	1	
A-4	01S008S-306H		Face Plate Gasket	면판 가스켓	1	
A-5	DSC-BJ000200		Screw (11/64"n=40)	고정나사	4	
A-6	DPK-CB000200		Rubber Cap for Face Plate	면판 고무마개	2	
A-7	CMB-LA000100		Thread Take Up Cover	실채기 커버	1	
A-8	DSC-BJ000300		Screw (9/64"n=40)	침나사	1	
A-9	CMB-LB000100		Left Cover	좌측 커버	1	
A-10	CMB-FC000200		Left Cover Gasket	좌측 커버 가스켓	1	
A-11	CMB-HK000800		Thread Guide A	실안내(A)	1(조)	
A-12	DSN-AA000400		Nut (15/64"n=28)	너트	1	
A-13	CMB-HK000900		Thread Guide B	실안내(B)	1	
A-14	DSC-BF000400		Screw (15/64"n=28 L=7)	고정나사	1	
A-15	CMB-HK000200		Thread Guide (L)	실안내(좌)	1	
A-16	DSC-BA000100		Screw (9/64"n=40)	고정나사	3	
A-17	CMB-HK000600		Thread Guide (R)	실안내(우)	1	
A-18	CMB-HK001100		Arm Thread Guide	암 실안내 걸이	1	
A-19	DSN-AA001000		Arm Thread Guide Nut	암 실안내 걸이 너트	1	
A-20	CMB-HK000700		Thread Guide (L)	실안내(하)	1	
A-21	AMB-PS000200		Silicon Tank Ass'y	실리콘 급유 탱크(조)	1Set	
A-22	CMB-JB000100		Silicon Tank	실리콘 탱크	1	
A-23	CMB-JJ000100		Silicon Oil Window	실리콘 유창	1	
A-24	CMB-JL000101		Silicon Felt	실리콘 급유 탱크 felt	1	
A-25	CMB-BH000100		Felt Holder for Silicon Oil Supply	실리콘 급유 탱크 felt 잡이	1	
A-26	DSC-CB000300		Screw (11/64"n=40)	침나사	1	
A-27	01S043S-306H		Safety Plate Ass'y	안전판(조)	1Set	
A-28	CMB-BJ000100		Safety Plate	안전판	1	
A-29	CMB-BB000100		Safety Bracket	안전판 브라켓	1	
A-30	CMB-BG000100		Safety Plate Holder	안전판 홀더	1	
A-31	DSC-FA000100		Safety Plate Hinge Screw	안전판 단나사	1	
A-32	DSN-AA000300		Nut (11/64"n=40)	너트	2	
A-33	DWS-AA000400		Washer	와셔	1	
A-34	DSP-AC000100		Safety Plate Spring	안전판 스프링	1	
A-35	DSC-HD000100		Safety Plate Spring Hook	안전판 스프링 걸이	1	
A-36	DSN-AA000200		Nut (3/16"n=28)	너트	1	
A-37	DSC-BJ000200		Screw (11/64"n=40)	침나사	2	
A-38	DWS-AA000500		Washer	와셔	2	
A-39	DSC-BJ000200		Screw (11/64"n=40)	침나사	2	
A-40	GP-019553-00		Emergency Switch	비상 스위치	1	
A-41	CMB-BB000200		Emergency Switch Bracket	비상 스위치 브라켓	1	
A-42	DSC-BJ000200		Screw (11/64"n=40)	침나사	2	
A-44	CMB-LA000200		Top Cover	윗 뚜껑	1	
A-45	CMB-LD000100		Oil Sticker	오일 스티커	1	
A-46	DPK-CB000400		Needle Bar Rubber Cap (d=φ8.3)	바늘대 고무마개	1	
A-47	DSC-BF000300		Screw (3/16"n=28)	고정나사	6	
A-48	PTC-AH000100		Cable Holder(5N)	케이블 홀더(5N)	5	
A-49	DSC-BJ000200		Screw (11/64"n=40)	고정나사	5	
A-50	DPK-CB000400		Arm upper Part Rubber Cap (d=φ12)	아암 상부 고무마개	1	
A-51	DPK-CB000100		Arm Rubber Cap(L) (d=φ16)	아암 고무마개(大)	2	
A-52	DPK-CB000200		Arm Rubber Cap(M) (d=φ10.5)	아암 고무마개(中)	3	
A-53	DPK-CB000700		Arm Rubber Cap(S) (d=φ8.3)	아암 고무마개(小)	1	
A-54	DPK-CB000600		Air Hose Guide Rubber	에어호스 가이드 고무	1	
A-55	CMB-LD000400		Model Sticker(HS)	모델 스티커(후물용)	1	
A-56	GP-009252-00		Model Sticker(GS)	모델 스티커(일반용)	1	
A-57	DSC-BF000500		Earth Screw (11/64"n=40)	어스나사	1	
A-58	CMB-LD000200		Warning Sticker	경고 스티커	1	
A-59	DPK-CB001500		Rubber Cap	윗뚜껑 고무마개	1	

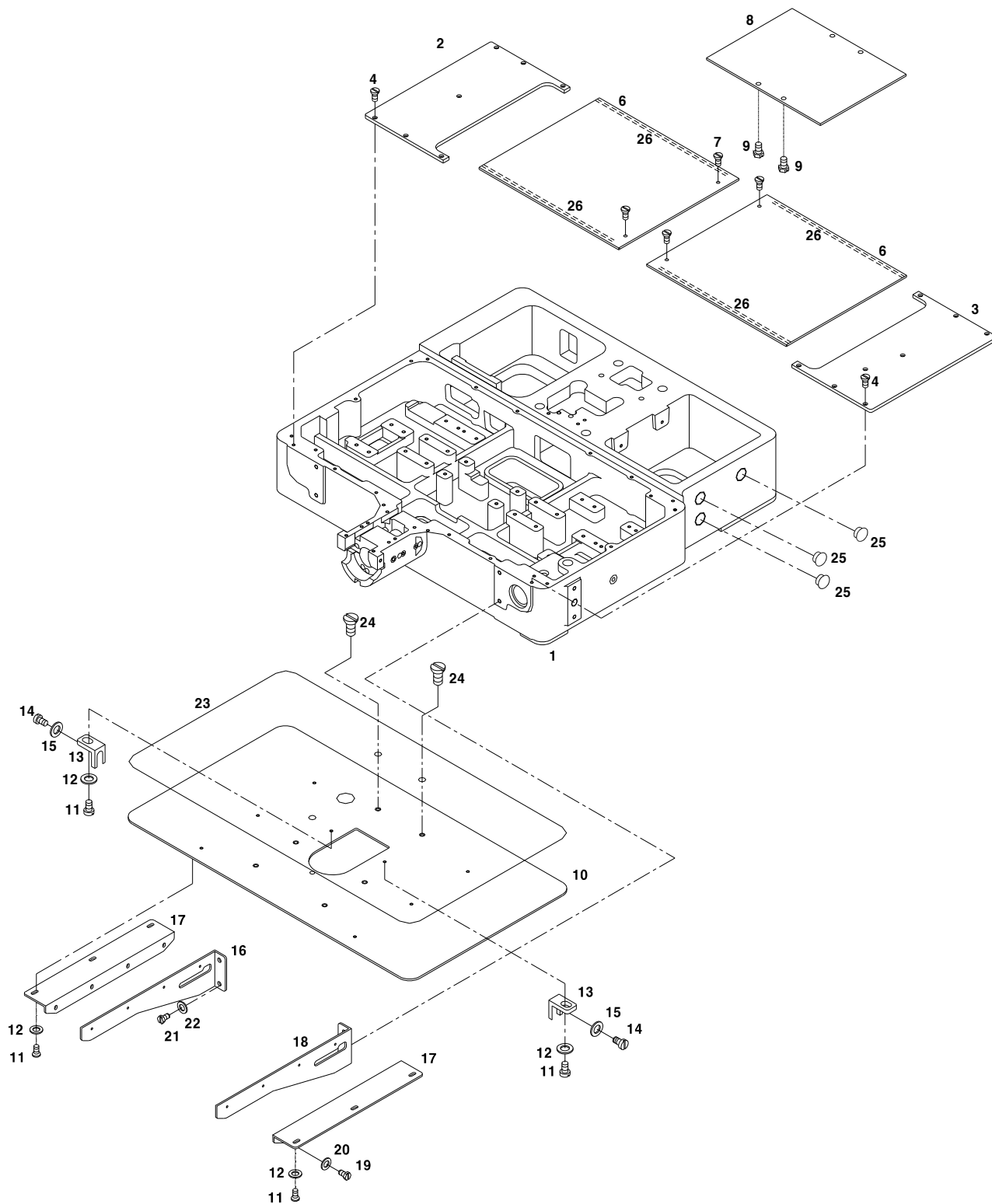


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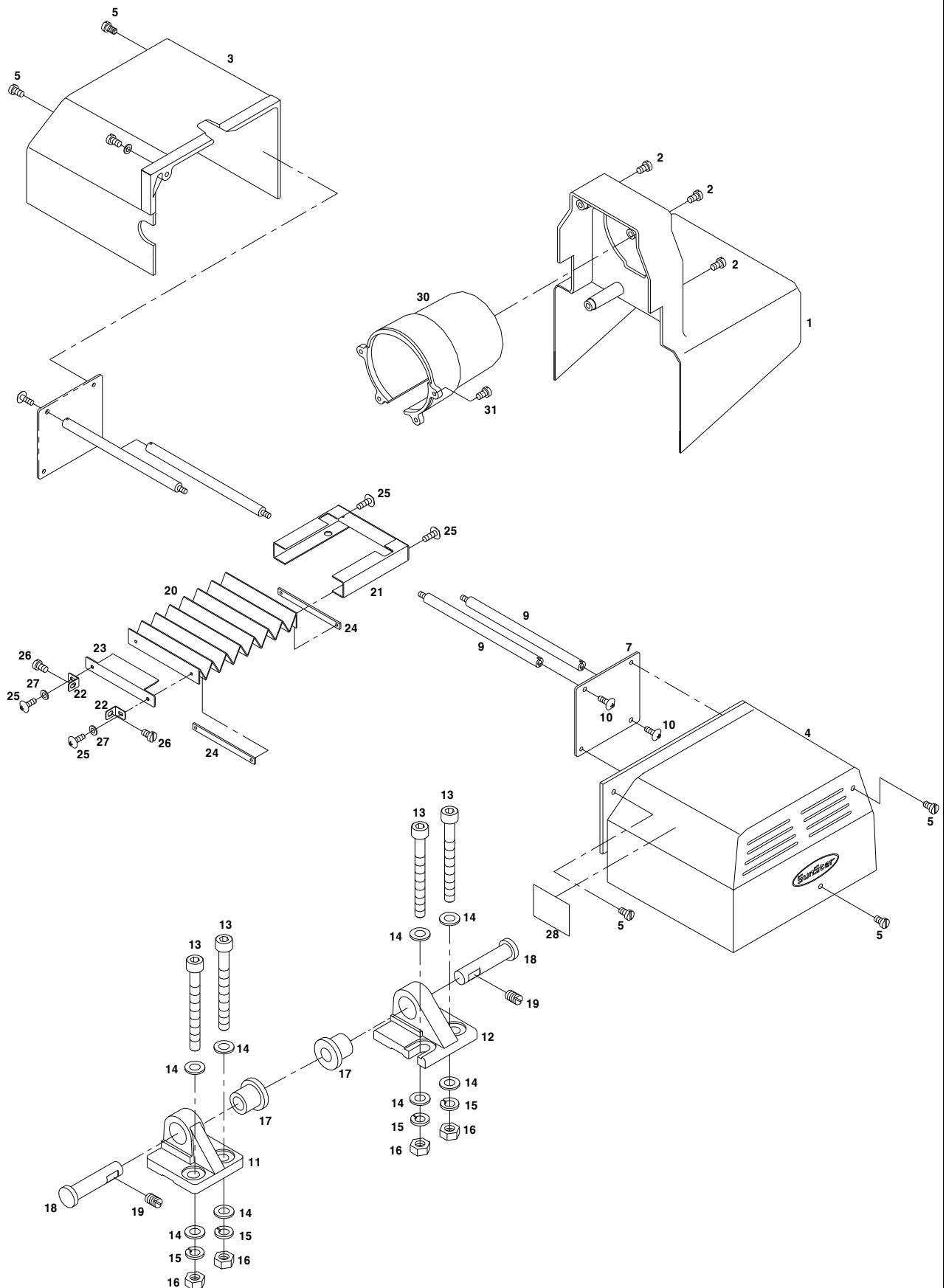
B

Machine Body (2) Bed & Machine Body Parts

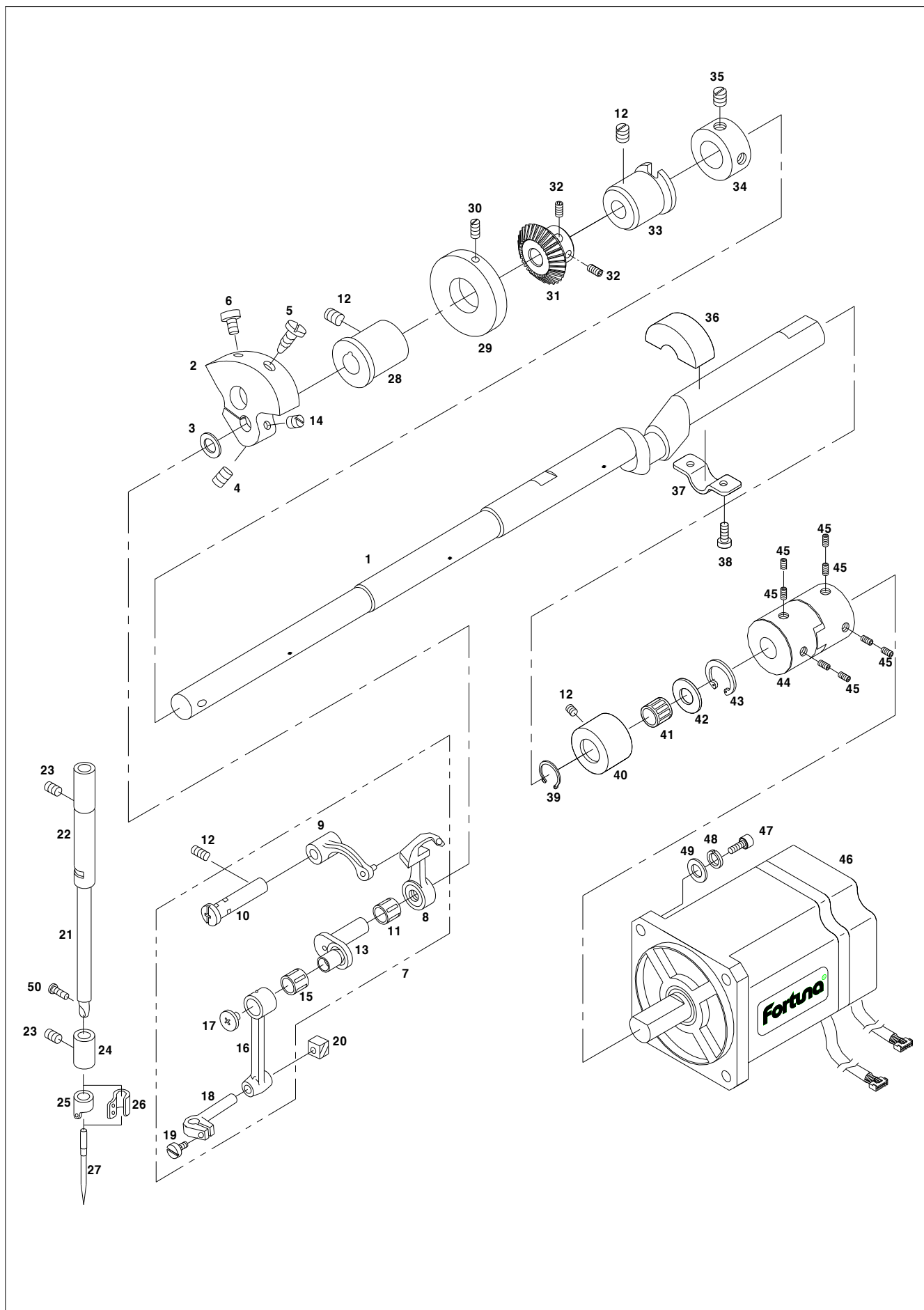
외장 관계(2) 베드 및 외장품 관계



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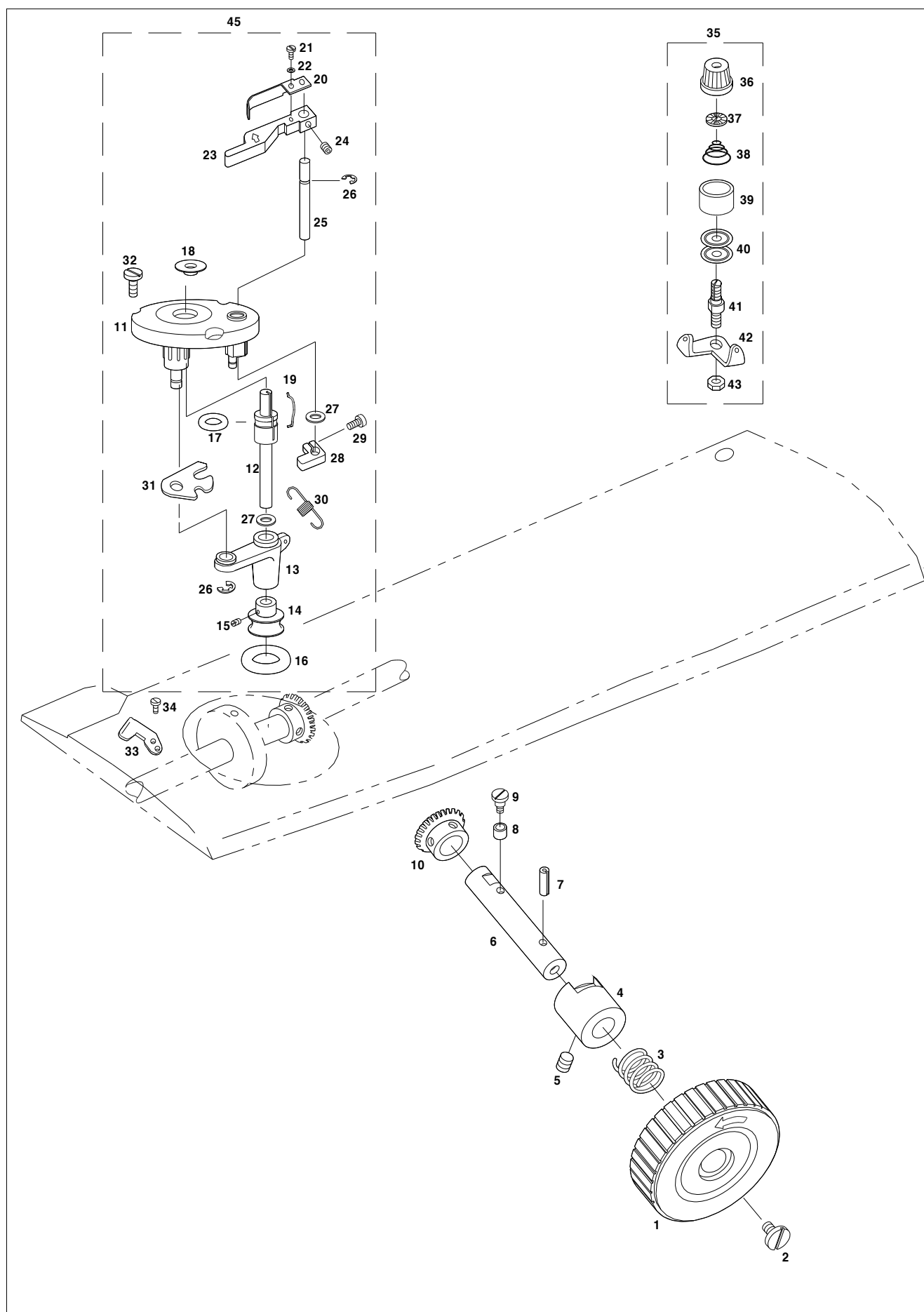


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
D-1	02A101S-811D		Upper Shaft	상축	1	
D-2	CUS-DA000100		Link Cam	링크 캠	1	
D-3	DWS-AA000100		Link Cam Washer	링크 캠 와셔	1	
D-4	DSC-BF000700		Screw (15/64"n=28)	침나사	1	
D-5	DSC-BJ000100		Screw (9/32"n=28)	침나사	1	
D-6	DSC-BF000800		Screw (15/64"n=28)	침나사	1	
D-7	08S201S-306H		Thread Take-Up Lever Ass'y	실채기(조)	1Set	D-7
D-8	08S002S-306H		Thread Take-Up Lever	실채기	1	
D-9	08S004S-306H		Thread Take-Up Lever Crank	실채기 크랭크	1	
D-10	08S012S-306H		Thread Take-Up Crank Shaft	실채기 크랭크 축	1	
D-11	08S005S-306H		Needle Bearing	니이들 베어링	1	
D-12	DSC-CB000500		Screw (15/64"n=28)	고정나사	4	
D-13	08S003S-306H		Needle Bar Crank	바늘대 크랭크	1	
D-14	DSC-CB000500		Screw (15/64"n=28)	고정나사	1	
D-15	08S006S-306H		Needle Bearing	니이들 베어링	1	
D-16	08S007S-306H		Needle Bar Crank Rod	바늘대 크랭크 로드	1	
D-17	08S008S-306H		Screw	침나사	1	
D-18	08S010S-306H		Needle Bar Holder	바늘대잡이	1	
D-19	08S011S-306H		Screw	침나사	1	
D-20	04S1066-306H		Needle Bar Guide Blook	바늘대 안내 블록	1	
D-21	CNB-KA000100		Needle Bar	바늘대	1	
D-22	DBS-DA000200		Needle Bar Bushing(U)	바늘대 상 붓싱	1	
D-23	DSC-CB000300		Screw (11/64"n=40)	고정나사	2	
D-24	04S104S-306H		Needle Bar Bushing(L)	바늘대 하 붓싱	1	
D-25	CNB-HK000100	HS	Thread Guide for Needle Bar(H)	바늘대 실안내(후물용)	1	
D-26	04S008S-306G	GS	Thread Guide for Needle Bar(G)	바늘대 실안내(일반용)	1	
D-27	006-00T-0011	HS	Needle (DP×17 #18)	바늘(후물용)	1	
	006-00T-0013	GS	Needle (DP×5 #14)	바늘(일반용)	1	
D-28	DBS-DB000100		Upper Shaft Bushing(F)	상축 전 붓싱	1	
D-29	CUS-CF000100		Bobbin Winder Driving Wheel	실감기 구동 휠	1	
D-30	DSC-CB000100		Screw for D-29	고정나사	2	
D-31	DGR-AC000100		Hand Pulley Gear A	핸드 풀리 기어 A	1	
D-32	DSC-CB000400		Screw (15/64"n=28)	고정나사 (1/4-40)	4	
D-33	DBS-DB000200		Upper Shaft Bushing(M)	상축 중 붓싱	1	
D-34	CL-000101-00		Upper Shaft Collar	상축 카라	1	
D-35	DSC-CB000400		Screw (1/4"n=40)	고정나사	2	
D-36	CUS-DB000100		Crank Blancer	크랭크 밸런스	1	
D-37	CUS-BJ000100		Fix Plate for Crank Blancer	크랭크 밸런스 고정판	1	
D-38	DSC-BA000500		Screw (3/16"n=28)	침나사	2	
D-39	PSR-AH000100		Snap Ring	S-R검용 멈춤링(호칭경21)	1	
D-40	DBS-DA000100		Upper Shaft Bushing(R)	상축 후 붓싱	1	
D-41	PBR-BA000100		Needle Bearing(KT151917)	니이들 베어링	1	
D-42	020S022S-306H		Thurst Bearing Washer(AS1730)	트러스트 베어링 와셔	1	
D-43	PSR-AH000200		Snap Ring	S-R검용 멈춤링(호칭경30)	1	
D-44	DCR-AD000200		Coupling	커플링	1	
D-45	PSC-CB000100		Screw (M6×1.0 L=8)	침나사	8	
D-46	DMT-AA000100		Main Motor	주축모터	1	
D-47	PSC-AC001000		Screw (M5×0.8 L=25)	침나사	4	
D-48	DWS-CA000100		Spring Washer (φ5)	스프링와셔	4	
D-49	DWS-AA000600		Washer (φ5)	평와셔	4	
D-50	DSC-BF000100		Screw for C-21	침나사	1	

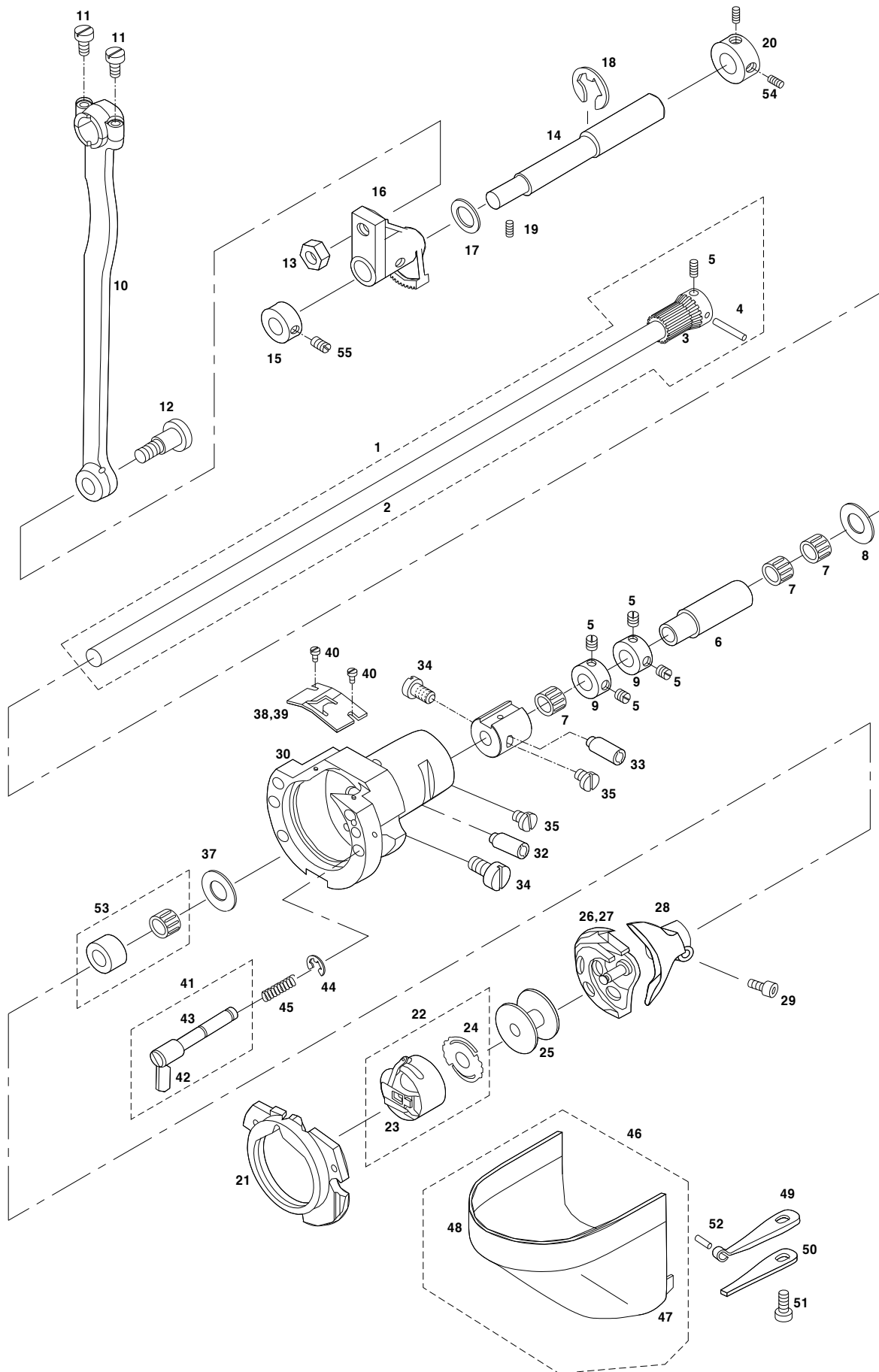
Note: HS → Heavy Material (후물용)
GS → General Material (일반용)

Bobbin Winder & Hand Pulley Mechanism

실감기 및 핸드 폴리 관계

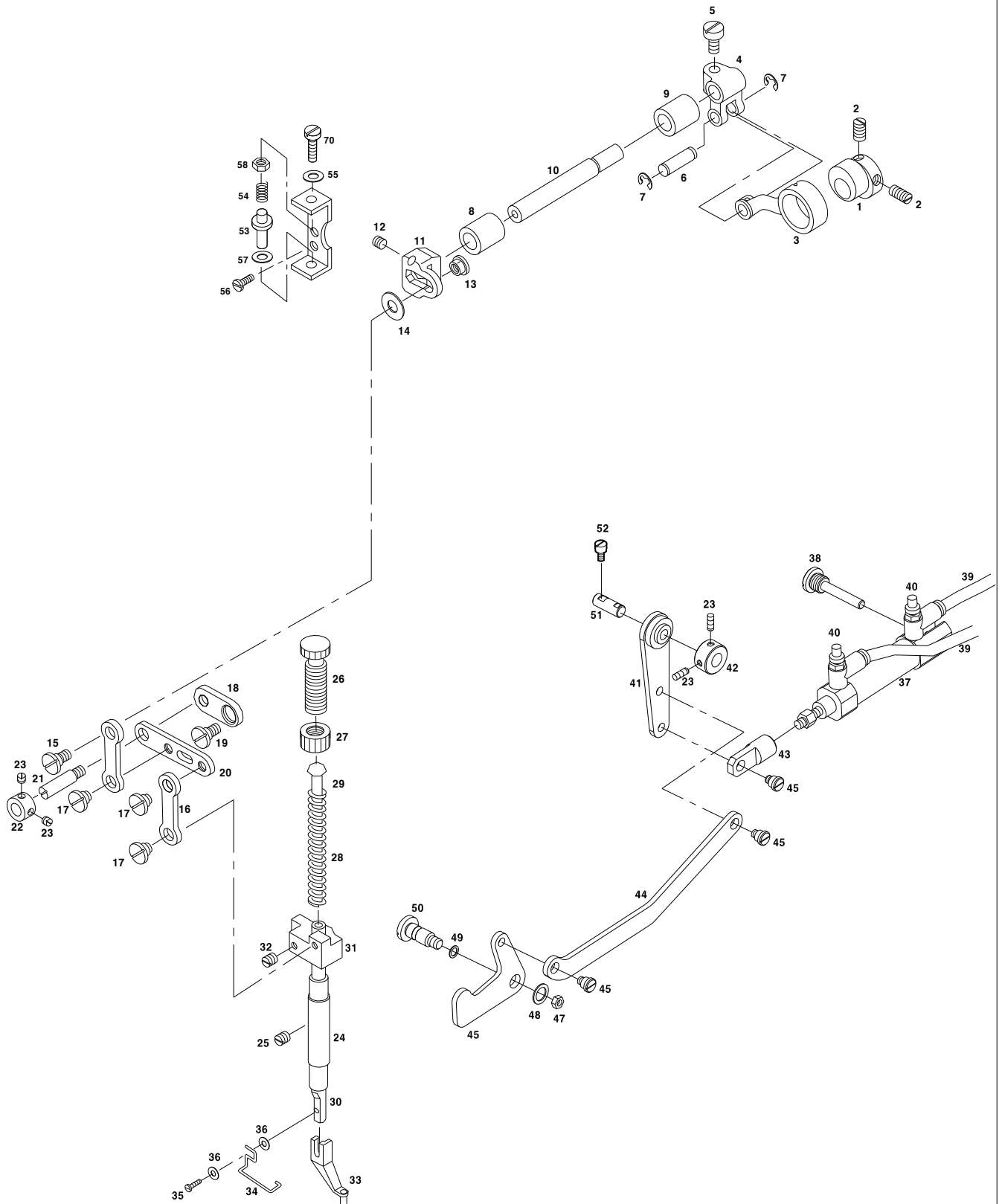


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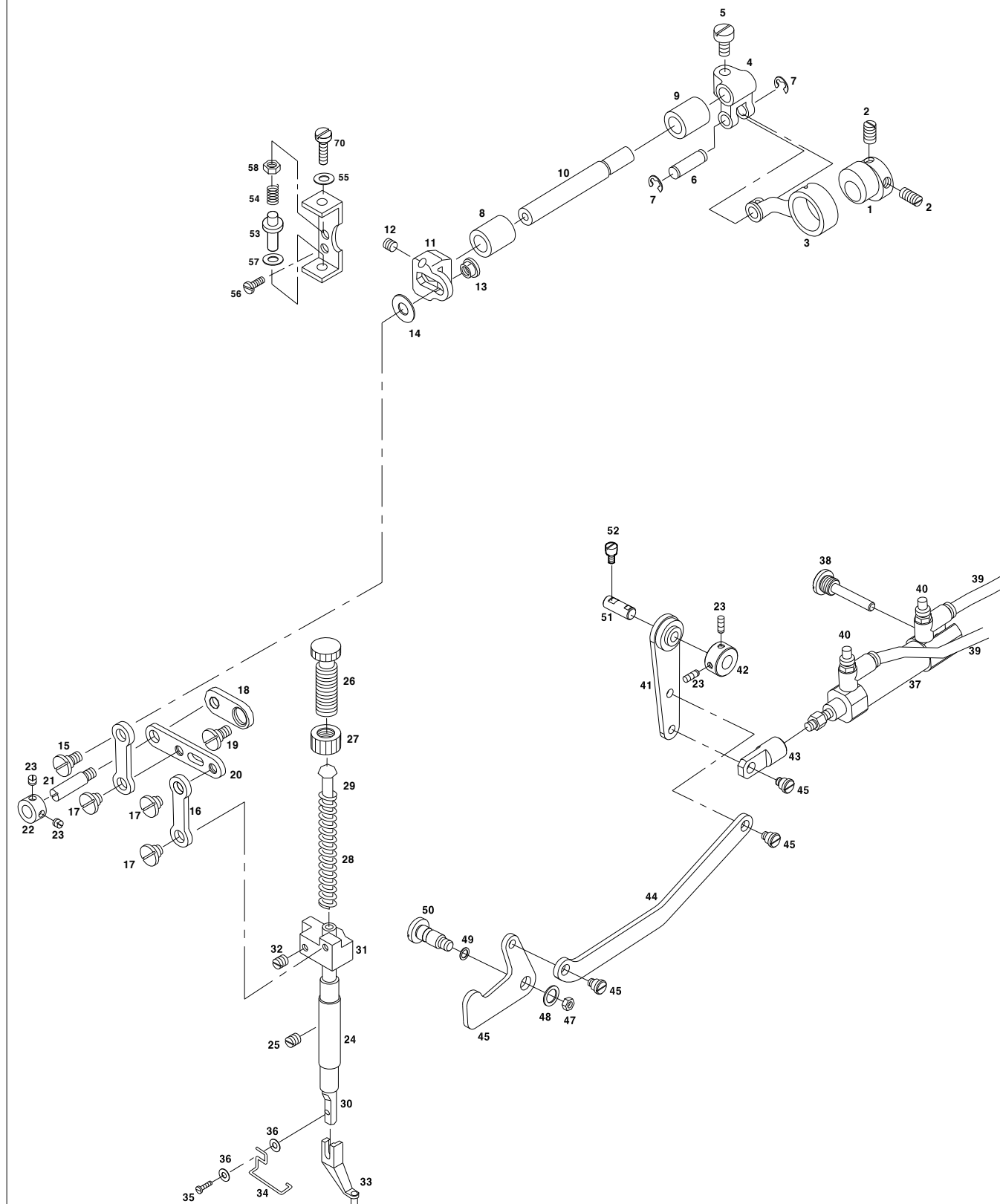


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied
F-1	ALS-PS000100		Lower Shaft Ass'y	하축 (조)	1	
F-2	CLS-KC000100		Lower Shaft	하축	1	
F-3	DGR-AA000100		Lower Shaft Gear	하축기어	1	
F-4	PPN-AA000100		Pin	평행핀 (φ3×L19.5)	1	
F-5	DSC-CB000600		Screw (11/64"n=40)	고정나사	5	
F-6	DBS-DA000500		Lower Shaft Rear Bushing	하축 후 붓싱	1	
F-7	PBR-BA000300		Needle Bearing (KT8110)	니들 베어링	4	
F-8	DWS-AA000800		Thrust Washer	트러스트 와셔	1	
F-9	DCL-AA000400		Lower Shaft Collar	하축 카라	2	
F-10	07S111S-306H		Crank Rod	크랭크 로드	1	
F-11	DSC-BJ000400		Screw (11/64"n=40)	첨나사	2	
F-12	DSC-FB000100		Crank Rod Hinge Screw	크랭크 로드 단나사	1	
F-13	DSN-AA000500		Nut (1/4"n=40)	너트	1	
F-14	CLS-KH000100		Oscillator Shaft	오실레이터 축	1	
F-15	DCL-AA000200		Oscillator Shaft Collar(L)	오실레이터 축 카라(좌)	1	
F-16	DGR-AA000200		Oscillator Shaft Gear	요동축 기어	1	
F-17	DWS-AA000700		Washer	와셔	1	
F-18	PSR-AC000100		E-Ring φ9	E-링 (호칭경 9)	1	
F-19	DSC-CB000500		Screw (15/64"n=28)	고정나사	1	
F-20	DCL-AA000300		Oscillator Shaft Collar(R)	오실레이터 축 카라(우)	1	
F-21	CHK-HQ000100		Shuttle Race Ring	셔틀 레이스 링	1	
F-22	CHK-HC000100		Bobbin Case Ass'y	보빈 케이스(조)	1Set	
F-23	07S024S-306H		Bobbin Case	보빈 케이스	1	
F-24	07S025S-306H		Bobbin Plate Spring	보빈 판 스프링	1	
F-25	CHK-HB000100		Bobbin	보빈	1	
F-26	CHK-HA000100	HS	Shuttle(H)	셔틀(후물용)	1	
F-27	07S029S-306G	GS	Shuttle(G)	셔틀(일반용)	1	
F-28	07S130S-306H		Shuttle Driver	셔틀드라이브	1	
F-29	PSC-AC000300		Screw (M4×P0.7)	첨나사	1	
F-30	CHK-BD000100		Shuttle(L)	셔틀(대)	1	
F-31	DBS-DA000600		Middle Bushing for Lower Shaft	하축 중붓싱	1	
F-32	CHK-CH000100		Shuttle(L) Adjusting Shaft	셔틀(대) 조절축	1	
F-33	CHK-CH000100		Shuttle Race Adjusting Shaft	셔틀 레이스 조절축	1	
F-34	DSC-BF000800		Screw (15/64"n=28)	첨나사	2	
F-35	DSC-BF000900		Screw (11/64"n=40)	첨나사	2	
F-36	07S036S-306H		Shuttle Ring	셔틀 외곽 링	1	
F-37	DWS-AA000300		Shuttle Bearing Washer	셔틀 베어링 와셔	1	
F-38	CHK-BJ000100		Plate for Separating Upper Thread(H)	윗실 분리 판(후물용)	1	
F-39	CHK-BJ000300		Plate for Separating Upper Thread(G)	윗실 분리 판(일반용)	1	
F-40	DSC-BF001300		Screw (3/32"n=56)	첨나사	2	
F-41	AHK-PS000100		Inner Hook Presser Shaft Ass'y	속가마 누름축(조)	1Set	
F-42	CHK-BJ000200		Inner Hook Presser Plate	속가마 누름대	1	
F-43	CHK-KZ000100		Innner Hook Presser Shaft	속가마 누름축	1	
F-44	PSR-AC000400		E-Ring	E 링 (호칭경 3)	2	
F-45	DSP-AA000600		Inner Hook Spring	속가마 압력 스프링	2	
F-46	AMB-PS000600		Hook Cover Ass'y	훅 커버(조)	1Set	
F-47	CMB-BB000900		Hook Cover Hinge	훅 커버 힌지	1	
F-48	CMB-LA001400		Hook Cover	훅 커버	1	
F-49	DSP-AD000100		Hook Cover Plate Spring A	훅 커버 판 스프링 A	1	
F-50	DSP-AD000200		Hook Cover Plate Spring B	훅 커버 판 스프링 B	1	
F-51	DSC-BJ000200		Screw (11/64"n=40)	첨나사	1	
F-52	PPN-AF000300		Spring Pin (φ2×L9.8)	스프링 핀	1	
F-53	PBR-BA000200		Needle Roller Bearing	니들 롤러 베어링	2	
F-54	DSC-CB000400		Screw	첨나사	2	
F-55	DSC-CB000700		Screw	첨나사	6	

Note: HS → Heavy Material (후물용)
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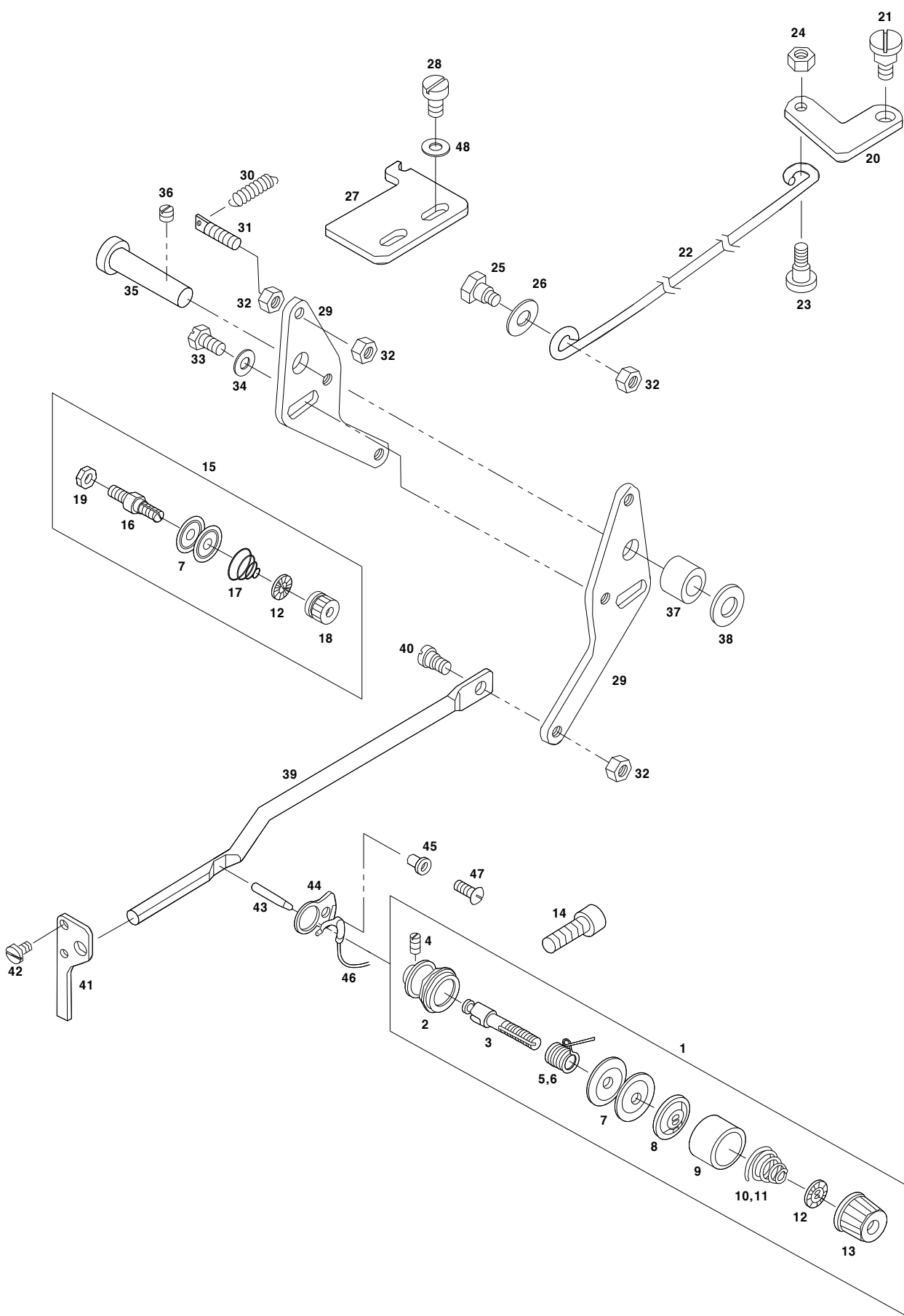
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
G-1	CPB-DC000100		Presser Cam	노루발 구동캠	1	
G-2	DSC-CB000400		Screw (1/4"n=40)	침나사	2	
G-3	CPB-CC000100		Presser Cam Connecting Rod	노루발 구동캠 연결로드	1	
G-4	CPB-CB000100		Presser Fork Crank	노루발 포크 크랭크	1	
G-5	DSC-BF000700		Screw (15/64"n=28)	침나사	1	
G-6	DPN-AA000300		Presser Cam Connecting Rod Pin	노루발 구동캠 연결로드 핀	1	
G-7	PSR-AC000200		E-Ring	E-링 (호칭경 5)	2	
G-8	DBS-DA001000		Presser Shaft Bushing A	노루발 구동축 붓심 A	1	
G-9	DBS-DA001100		Presser Shaft Bushing B	노루발 구동축 붓심 B	1	
G-10	CPB-KF000100		Presser Shaft	노루발 구동축	1	
G-11	CPB-CB000200		Presser Adjusting Arm	노루발 조절 아암	1	
G-12	DSC-CB000500		Screw (15/64"n=28)	침나사	2	
G-13	DSN-CF000100		Presser Adjusting Arm Nut	노루발 조절 아암 너트	1	
G-14	DWS-AA013000		Washer	와셔	1	
G-15	DSC-FA000500		Presser Adjusting Arm Hinge Screw	노루발 조절 아암 단나사	1	
G-16	CPB-CA000200		Presser Link	노루발 링크	2	
G-17	DSC-FA000400		Presser Link Hinge Screw	노루발 링크 단나사	3	
G-18	CPB-CA000100		Position Link	위치 링크	1	
G-19	DSC-FA000300		Position Link Hinge Screw	위치링크 고정 단나사	1	
G-20	CPB-CA000300		Presser Driving Link	노루발 운동 링크	1	
G-21	DSC-FF000100		Presser Driving Link Hinge Screw	노루발 운동 링크 고정 단나사	1	
G-22	DCL-AA000400		Presser Driving Link Collar	노루발 운동 링크 카라	1	
G-23	DSC-CA000400		Screw (11/64"n=40 L=5)	침나사	4	
G-24	DBS-DA000900		Presser Bar Bushing	누름대 붓심	1	
G-25	DSC-CB000300		Screw (11/64"n=40)	침나사	1	
G-26	DSC-HA000100		Presser Adjusting Screw	압력 조절 나사	1	
G-27	DSN-CC000100		Nut for Presser Adjusting Screw	압력 조절 나사 침 너트	1	
G-28	DSP-AA000200		Presser Adjusting Spring	압력 조절 스프링	1	
G-29	CPB-KC000100		Presser Adjusting Bar	압력 조절봉	1	
G-30	CPB-KB000100		Presser Bar	누름대	1	
G-31	CPB-BF000100		Presser Bar Holder	누름대 잡이	1	
G-32	DSC-BF003100		Screw (11/64"n=40 L=11)	침나사	1	
G-33	CGA-GC000100		Presser Foot (Option)	노루발	1	
G-34	CPB-BH000100		Finger Guard	핑거가드	1	
G-35	DSC-BB000700		Screw (9/64"n=40 L=9.5)	침나사	1	
G-36	DWS-AA001100		Washer	와셔	2	
G-37	PPP-CA000200		Presser Foot Cylinder	노루발 올림 실린더	1	
G-38	DSC-FH000100		Hinge Stud for Presser Foot Cylinder	노루발 실린더 힌지 단나사	1	
G-39	PPP-AD000100		Hose (Ø4)	우레탄 호스 (Ø4)	-	
G-40	PPP-AB000100		Speed Controller	스피드 컨트롤러	2	
G-41	APM-PS000200		Connecting Link for Presser Foot Cylinder	노루발 올림 실린더 연결 링크	1	
G-42	DCL-AA000400		Connecting Link Coller for Presser Foot Cylinder	노루발 올림 실린더 연결 링크 카라	1	
G-43	CPM-BM000100		Knuckle of Presser Foot Cylinder	노루발 실린더 너클	1	
G-44	CPM-CA000200		Connecting Rod for Presser Foot	노루발 올림 연결 로드	1	
G-45	DSC-FA001200		Stud for Presser Link	노루발 링크 단나사	3	
G-46	CPM-CA000100		Lift Link of Presser Foot	노루발 올림 링크	1	
G-47	DSN-AA000400		Nut	너트	1	
G-48	PWS-AA000600		Washer	와셔	1	
G-49	05A049S-811H		O-Ring	O-링	1	
G-50	DSC-FA001700		Stud for Presser Foot Lift Link	노루발 올림 링크 단나사	1	
G-51	DPN-AA000600		Presser Bar Lifter Connecting Shaft	노루발 올림 연결축	1	
G-52	DSC-BF000800		Screw (15/64"n=28)	고정나사	1	
G-53	DPN-BB000100		Position Link Stopper	위치 링크 스토퍼	1	
G-54	DSP-AA000300		Position Link Stopper Spring	위치 링크 스토퍼 스프링	1	
G-55	CPB-BB000100		Position Link Stopper Bracket	위치 링크 스토퍼 브라켓	1	
G-56	DSC-BJ000600		Screw (15/64"n=28)	침나사	2	
G-57	CPB-FB000100		Position Link Stopper Rubber	위치 링크 스토퍼 고무	2	



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Thread Release & Thread Tension Mechanism

실긋추기 및 실 장력 조절 관계

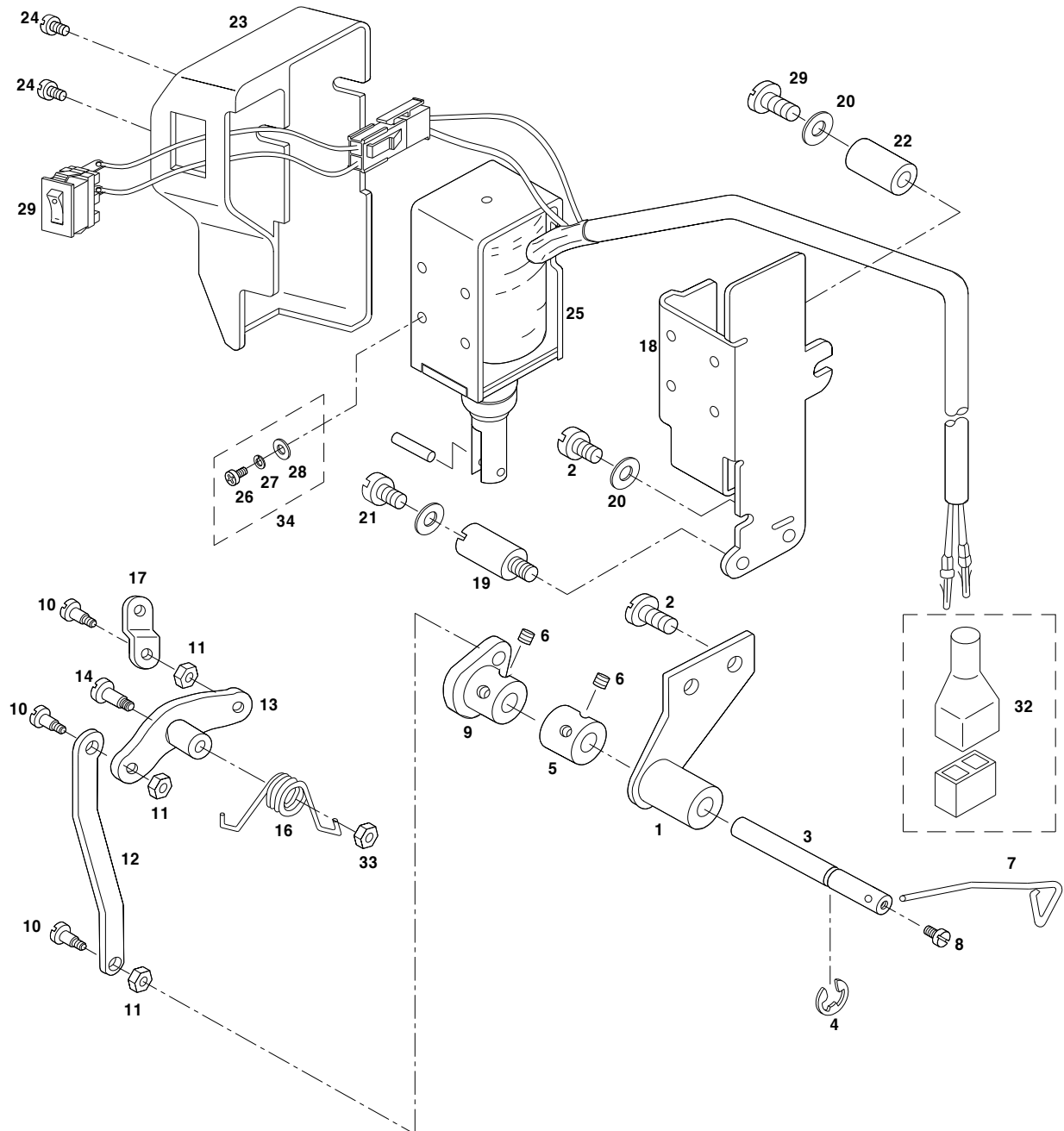


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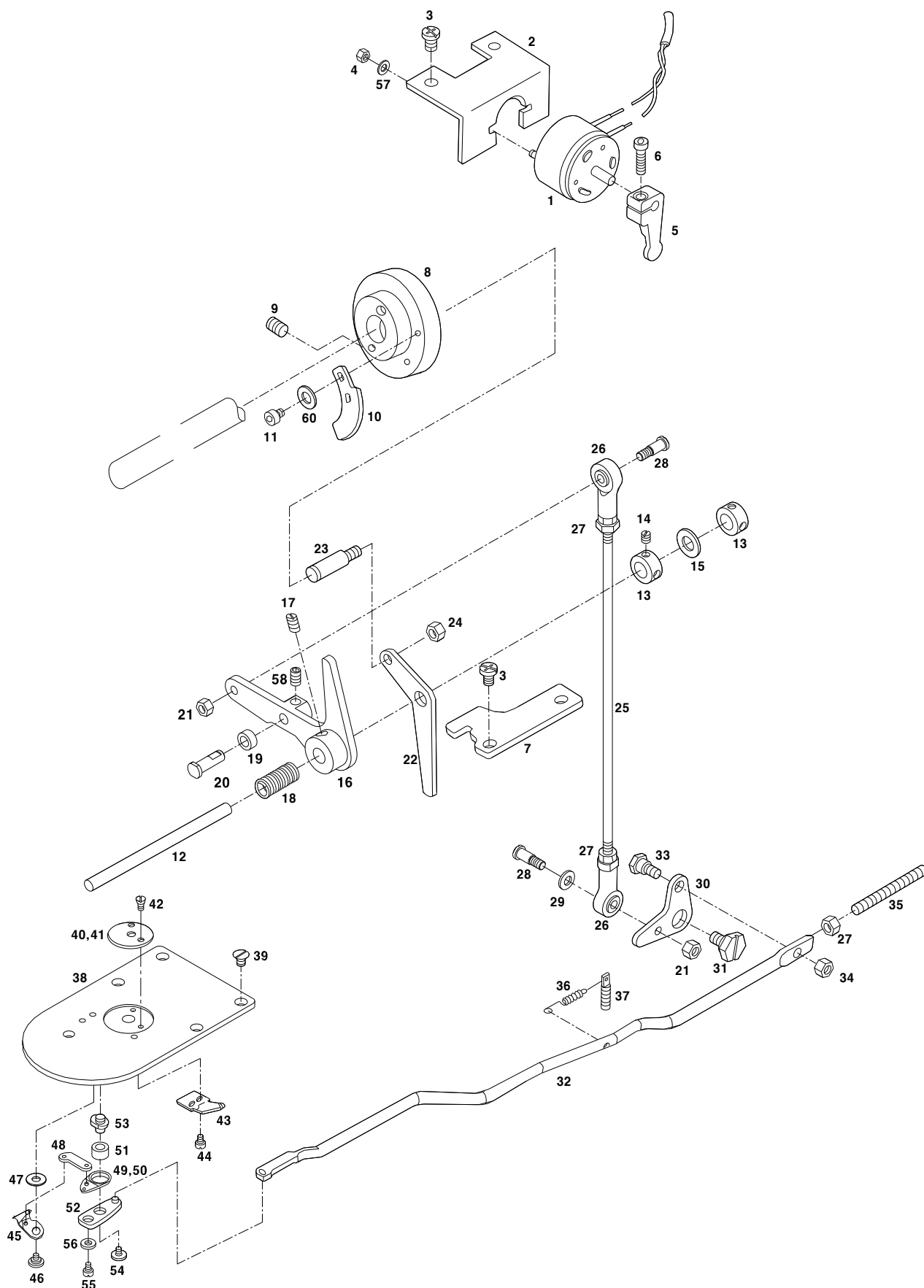
Note: HS → Heavy Material (후물용)
GS → General Material (일반용)

Wiper Mechanism

와이퍼 관계

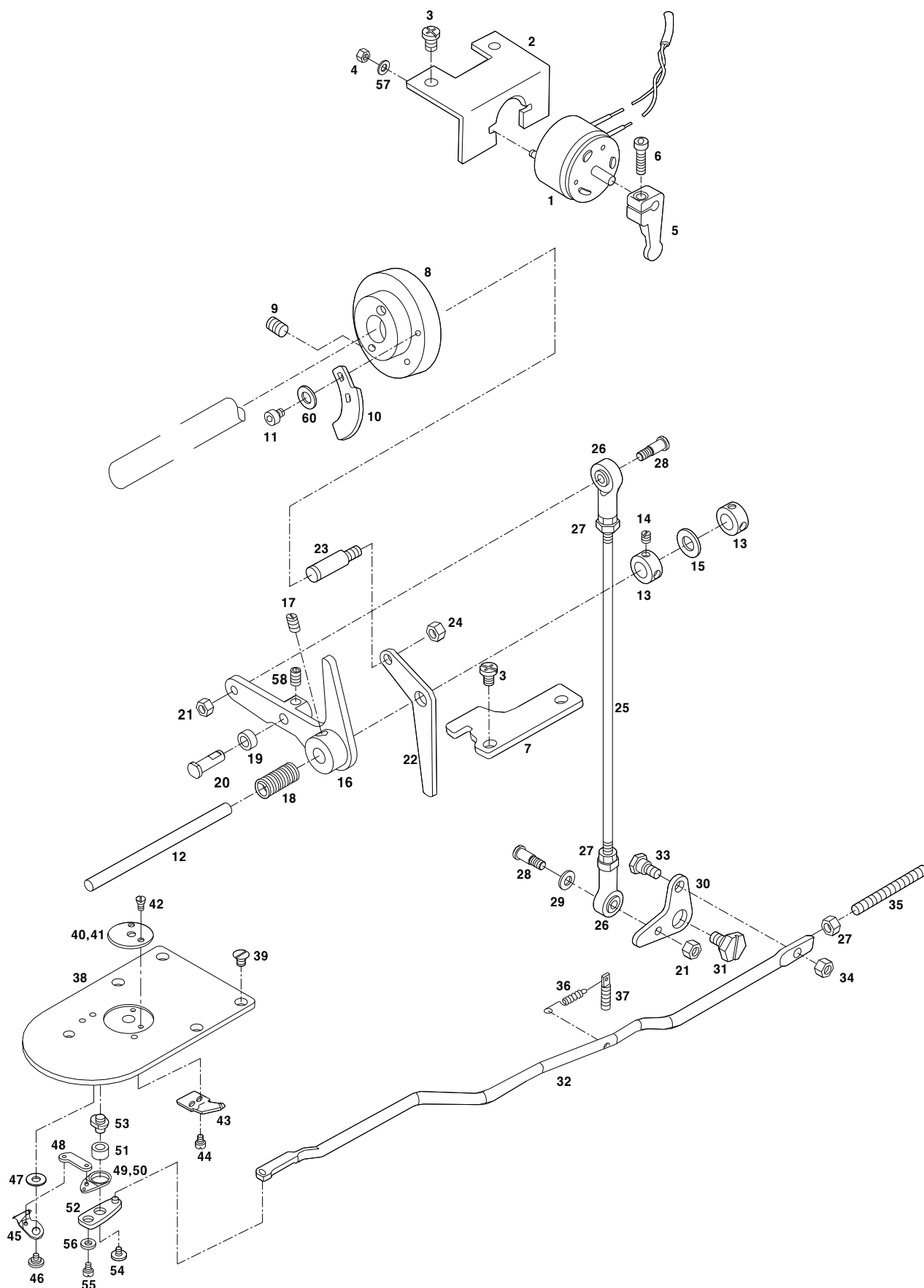


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Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
J-1	DSD-AB000100		Thread Trimming Sol. Ass'y	사절 솔레노이드(조)	1Set	
J-2	CTT-BB000100		Thread Trimming Sol. Bracket	사절 솔레노이드 브라켓	1	
J-3	DSC-BA000500		Screw (3/16"n=28)	침나사	4	
J-4	DSN-AA000400		Nut (3/16"n=28)	너트	2	J-1
J-5	GP-033265-00		Rotating Link for 1	사절 솔레노이드 회전 링크	1	
J-6	PSC-AC001400		Screw (M4×P0.7)	침나사	1	
J-7	10S007S-306H		Thread Trimming Driving Link Stopper	사절 구동 링크 스토퍼	1	
J-8	CTT-DG000100		Thread Trimming Cam	사절 캠	1	
J-9	DSC-CB000400		Screw (1/4"n=40)	고정나사	2	
J-10	CTT-BJ000300		Thread Release Notch	실 늦추기 노치	1	
J-11	PSC-AC001500		Screw (M4×P0.7)	침나사	2	
J-12	CTT-KC000100		Thread Trimming Shaft	사절 축	1	
J-13	DCL-AA000400		Thread Trimming Shaft Collar	사절 축 카라	2	
J-14	DSC-CB000700		Screw (15/64"n=28)	고정나사	2	
J-15	CTT-FB000100		Rubber Washer for 12	사절 축 고무 와셔	1	
J-16	CTT-CB000400		Thread Trimming Driving Link Ass'y	사절 구동 링크(조)	1Set	
J-17	DSC-CB000500		Screw (15/64"n=28)	고정나사	1	
J-18	DSP-AA000700		Spring for 12	사절 축 스프링	1	
J-19	CTT-CL000200		Thread Trimming Cam Roller	사절 캠 로울러	1	
J-20	DPN-AD000600		Thread Trimming Cam Roller Shaft	사절 캠 로울러 축	1	
J-21	DSN-AA000900		Nut (11/64"n=40)	너트	2	
J-22	CTT-CM000200		Thread Release Lever	실 늦추기 레버	1	
J-23	DSC-GA000100		Thread Release Lever Pin	실 늦추기 레버 핀	1	
J-24	DSN-AA000400		Nut (15/64"n=40)	너트	1	
J-25	CTT-CC000500		Thread Trimming Connecting Rod	사절 연결 로드	1	
J-26	PBR-GB000100		Rod End(R)	Rod End "우"	2	
J-27	PSN-AA000200		Nut (M4×P0.8)	너트	2	
J-27-1	SN-0115-2000		Nut(M4×P0.8)	너트(도금)	1	
J-28	DSC-FD000100		Hinge Screw for 25	사절 연결 로드 단나사	2	
J-29	DWS-AA000600		Washer	와셔	1	
J-30	CTT-CB000100		Thread Trimming Connecting Link	사절 연결 링크	1	
J-31	DSC-FB000400		Hinge Screw for 30	사절 연결 링크 단나사	1	
J-32	CTT-CC000100		Thread Trimming Connecting Bar	사절 연결봉	1	
J-33	DSC-FB000300		Hinge Screw for 32	사절 연결봉 단나사	1	
J-34	DSN-AA000800		Nut (3/16"n=28)	너트	1	
J-35	DSC-AA000401		Link Stopper Screw	링크 스토퍼 나사	1	
J-36	DSP-AB000300		Thread Stick Return Spring	사절 연결봉 리턴 스프링	1	
J-37	DSC-HD000200		Spring Hooker	스프링 걸이	1	
J-38	CTT-BJ000200		Needle Plate	침판	1	
J-39	DSC-BC000100		Screw (15/64"n=40)	침나사	4	
J-40	CTT-GL000100		Needle Plate Cover(H)	침판 커버(후물용)	1	
J-41	10S043S-306G		Needle Plate Cover(G)	침판 커버(일반용)	1	
J-42	DSC-BB000300		Screw (M4×P0.5)	침나사	2	
J-43	CTT-NB000100		Fixed Mes	고정메스	1	
J-44	DSC-BF000200		Screw (9/64"n=40)	침나사	2	
J-45	ATT-PS000400		Moving Mes	동메스	1	
J-46	DSC-FA001800		Hinge Screw for Moving Mes	동메스 단나사	1	
J-47	DWS-AA001700		Washer (t=0.4)	와셔(0.4)		
	DWS-AA001800		Washer (t=0.5)	와셔(0.5)		
	DWS-AA004000		Washer (t=0.6)	와셔(0.6)		
	DWS-AA004100		Washer (t=0.7)	와셔(0.7)		
J-48	CTT-CA000100		Moving Mes Link	동메스 링크	1	
J-49	ATT-PS000700		Thread Trimming Lever "B"(H)	사절레버 "B"(후물용)	1	
J-50	GP-009844-00		Thread Trimming Lever "B"(G)	사절레버 "B"(일반용)	1	
J-51	CTT-CL000100		Thread Trimming Lever Ring	사절레버 링	1	
J-52	ATT-PS000600		Thread Trimming Lever "A"	사절레버 "A"	1	
J-53	DSC-FG000100		Thread Trimming Lever Shaft	사절레버 축	1	

Note: HS → Heavy Material (후물용)
GS → General Material (일반용)

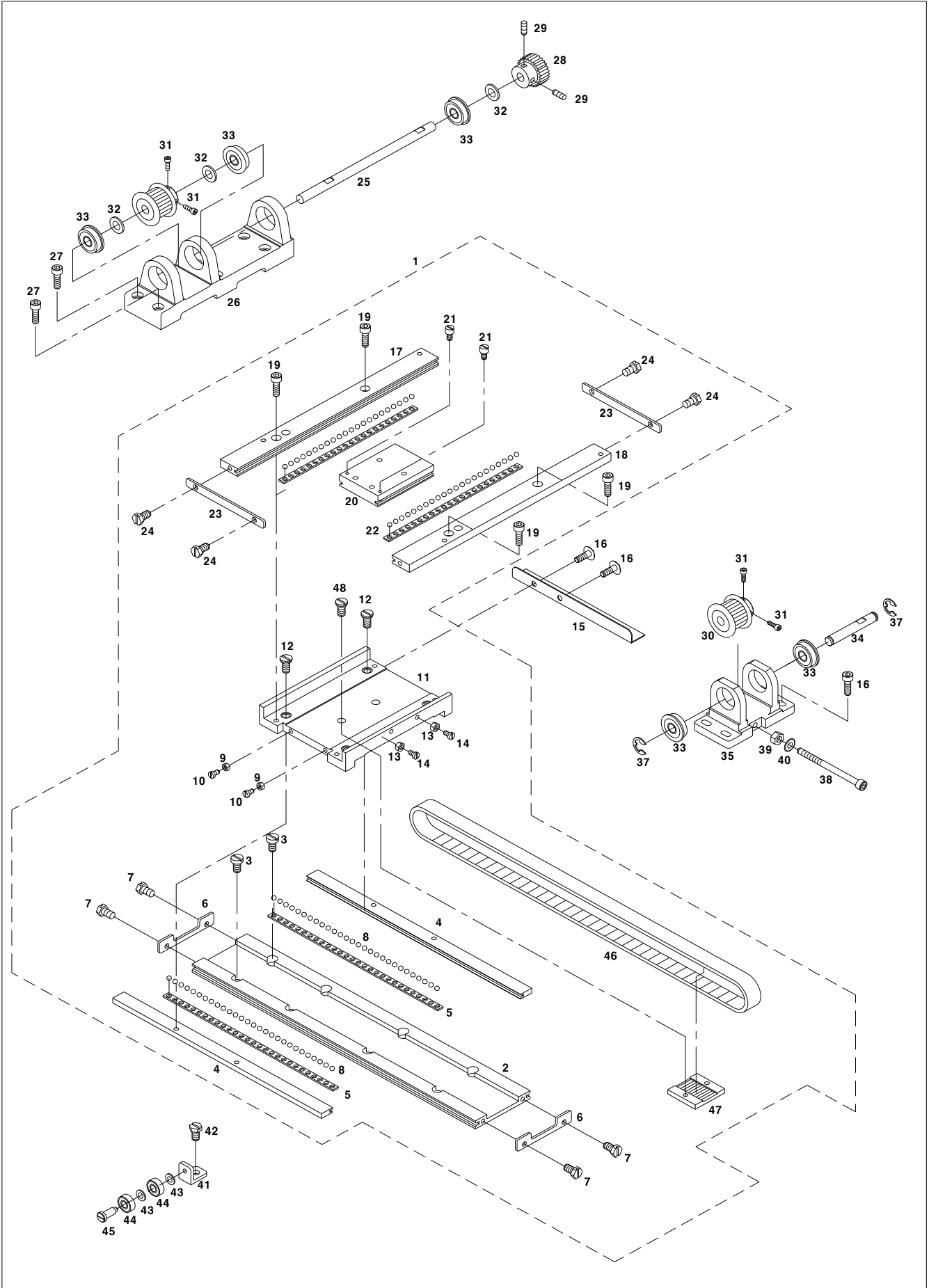


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Note: HS → Heavy Material (후물용)
GS → General Material (일반용)

X-Y Mechanism (1) X-Moving Mechanism

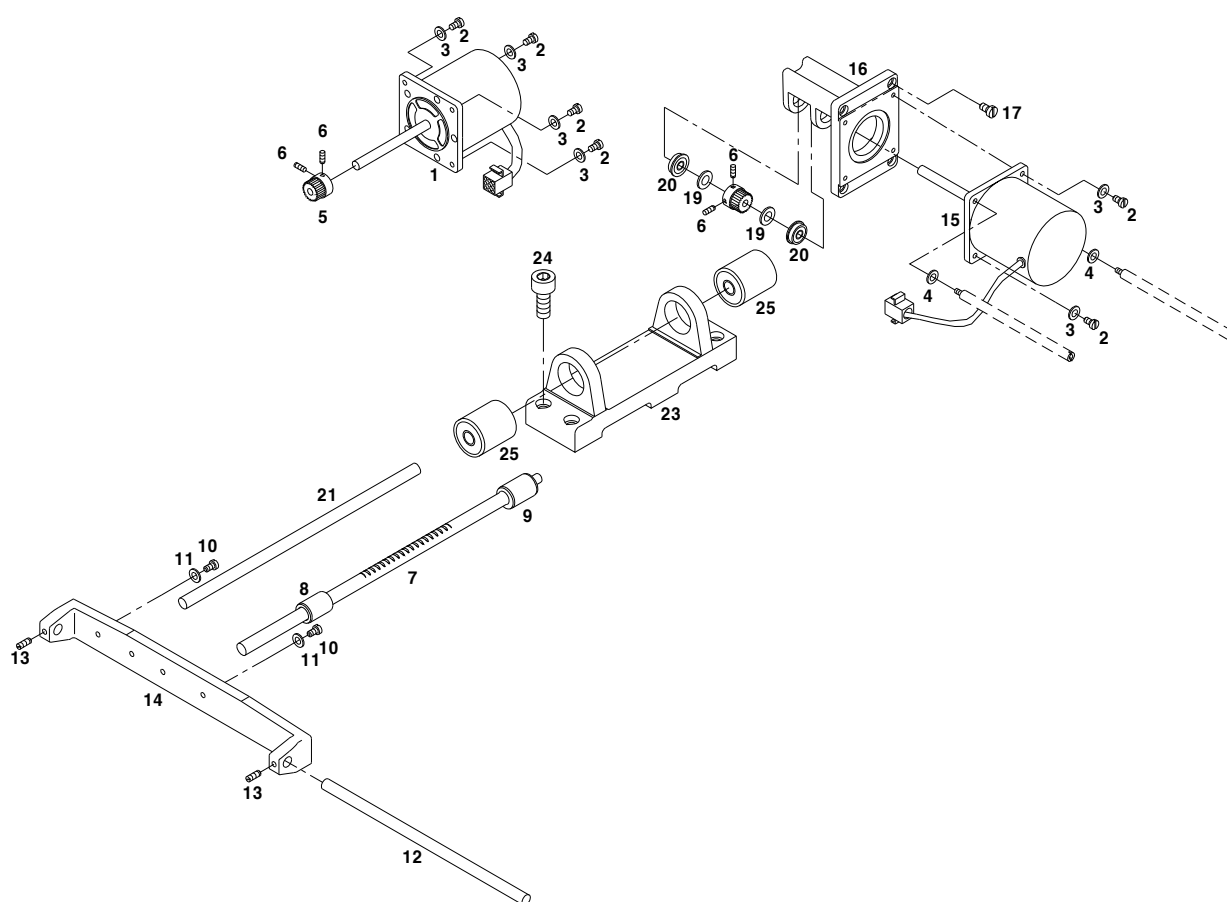
X-Y 관계(1) X-이송 관계



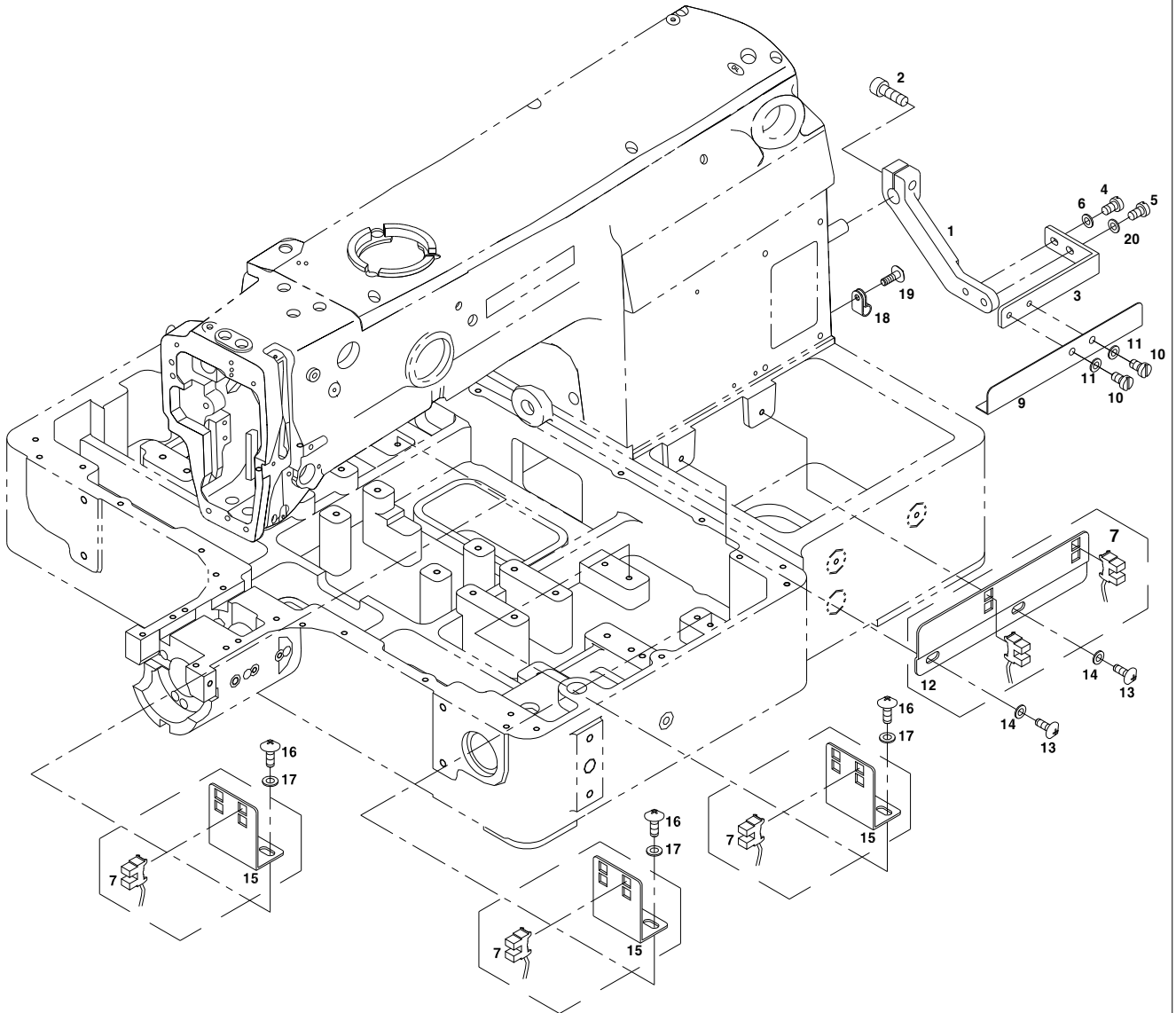
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X-Y Mechanism (2) Y-Moving Mechanism

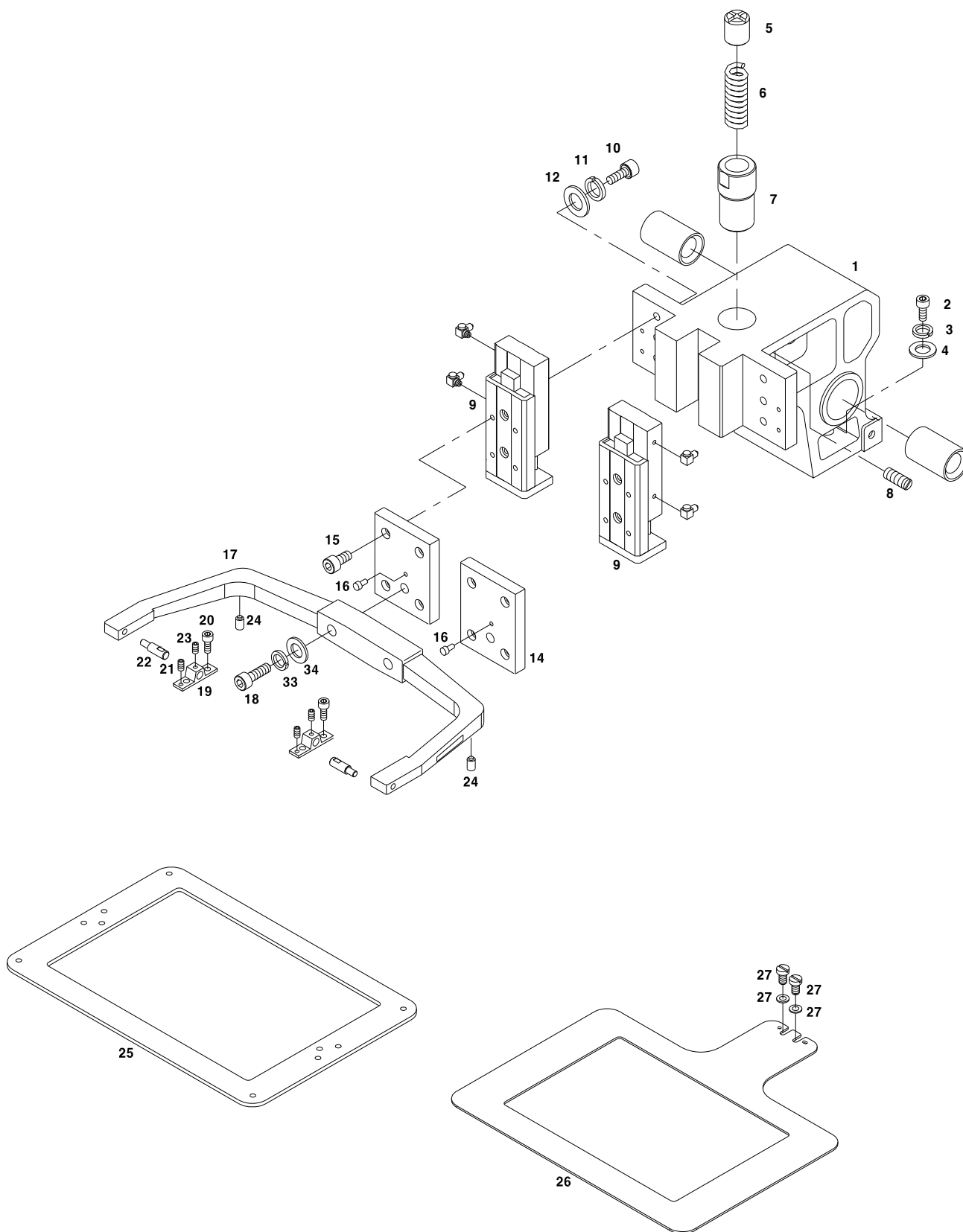
X-Y 관계(2) Y-이송 관계



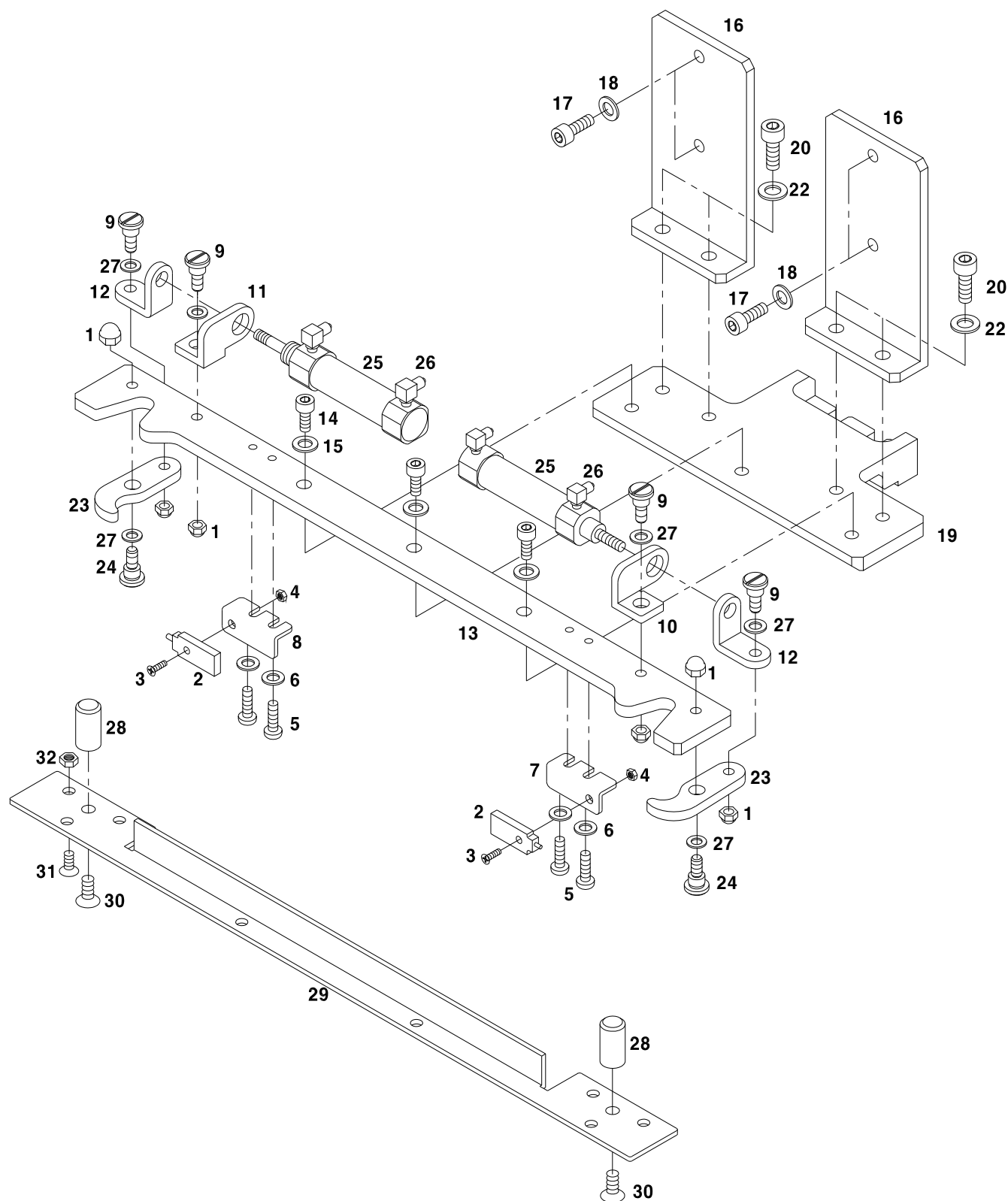
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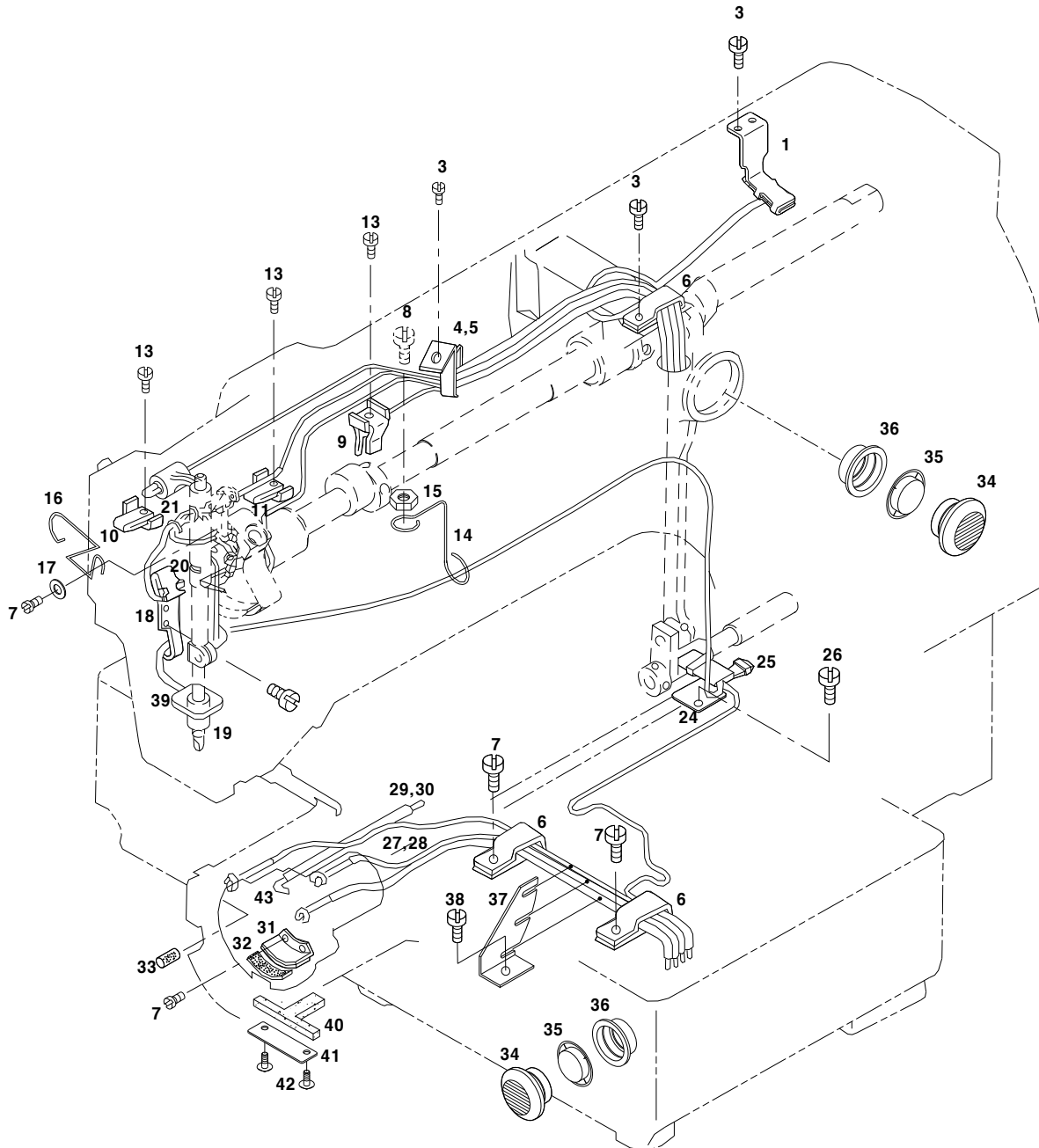
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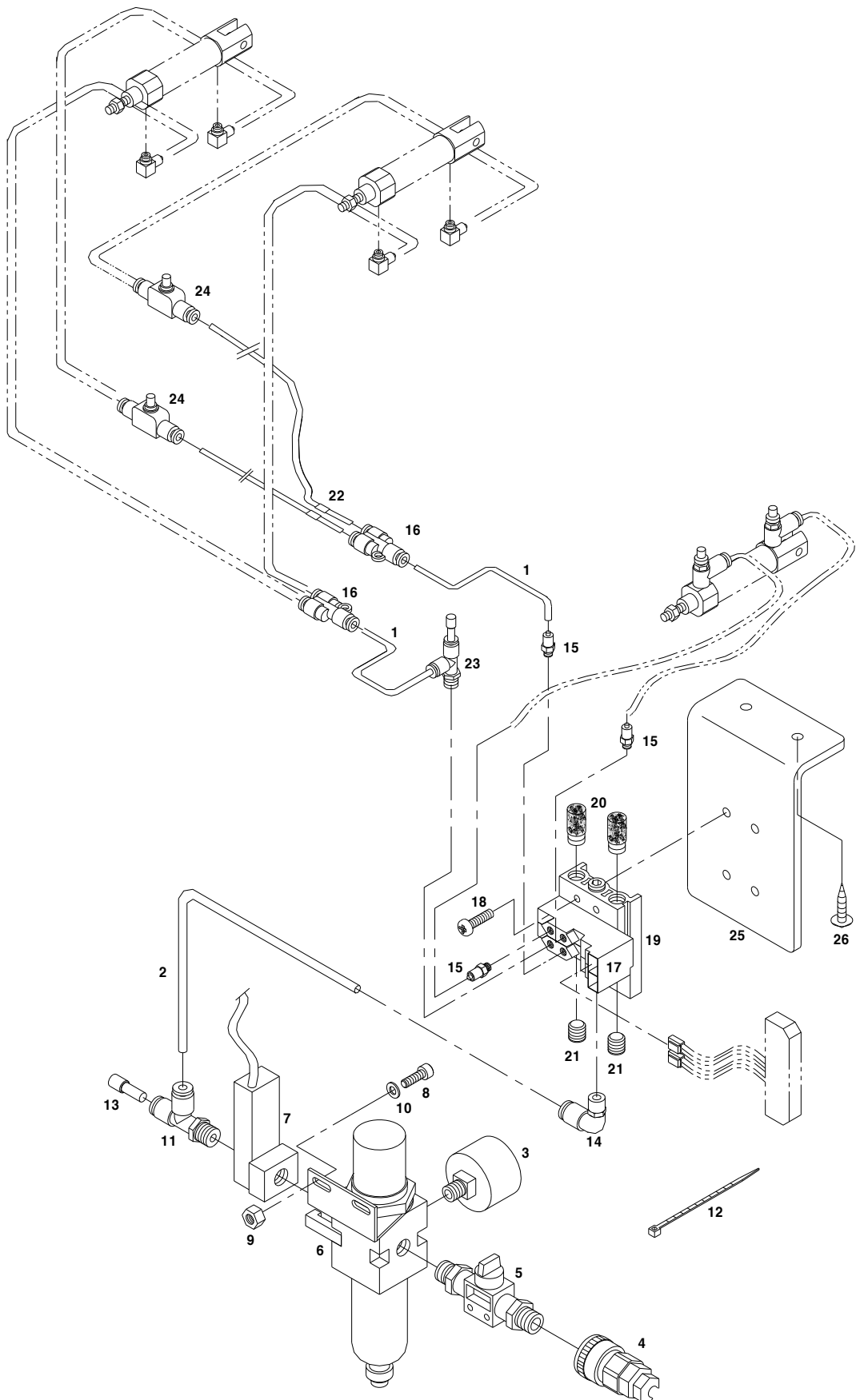
ASS'Y



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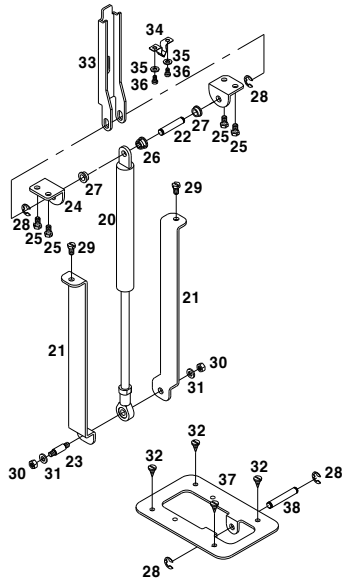


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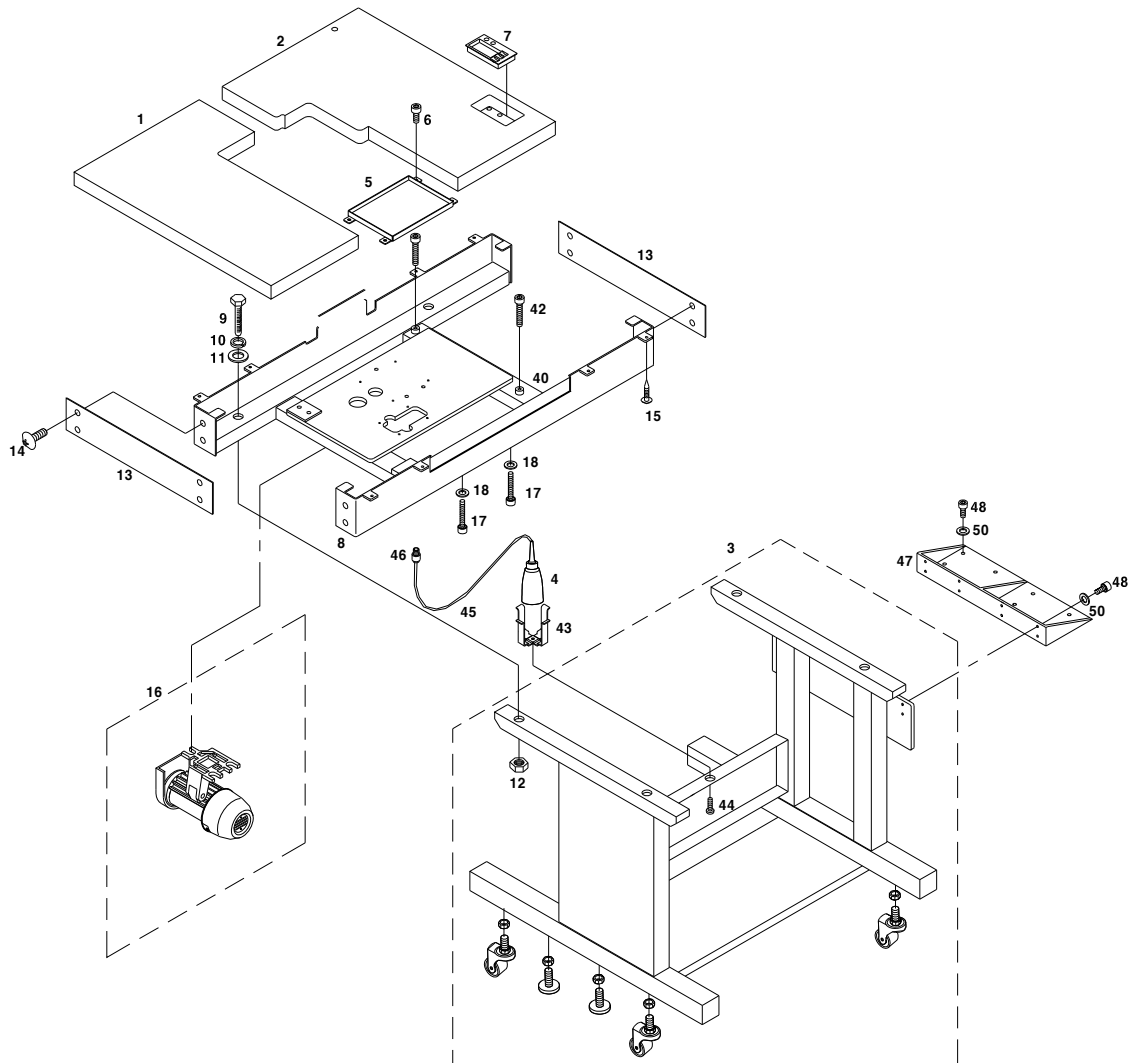
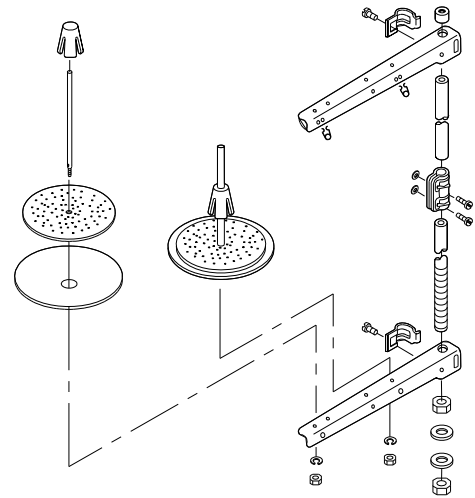


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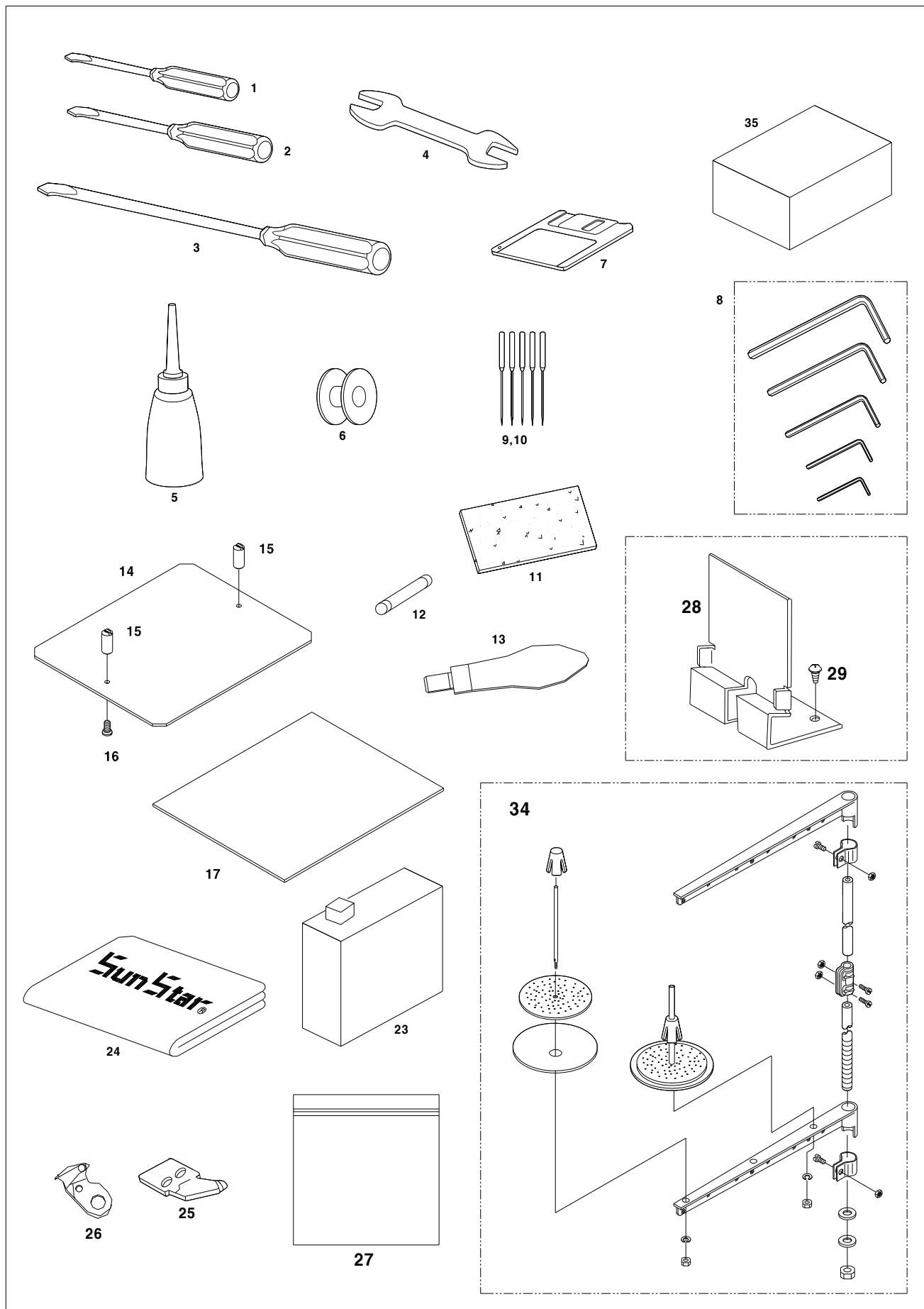
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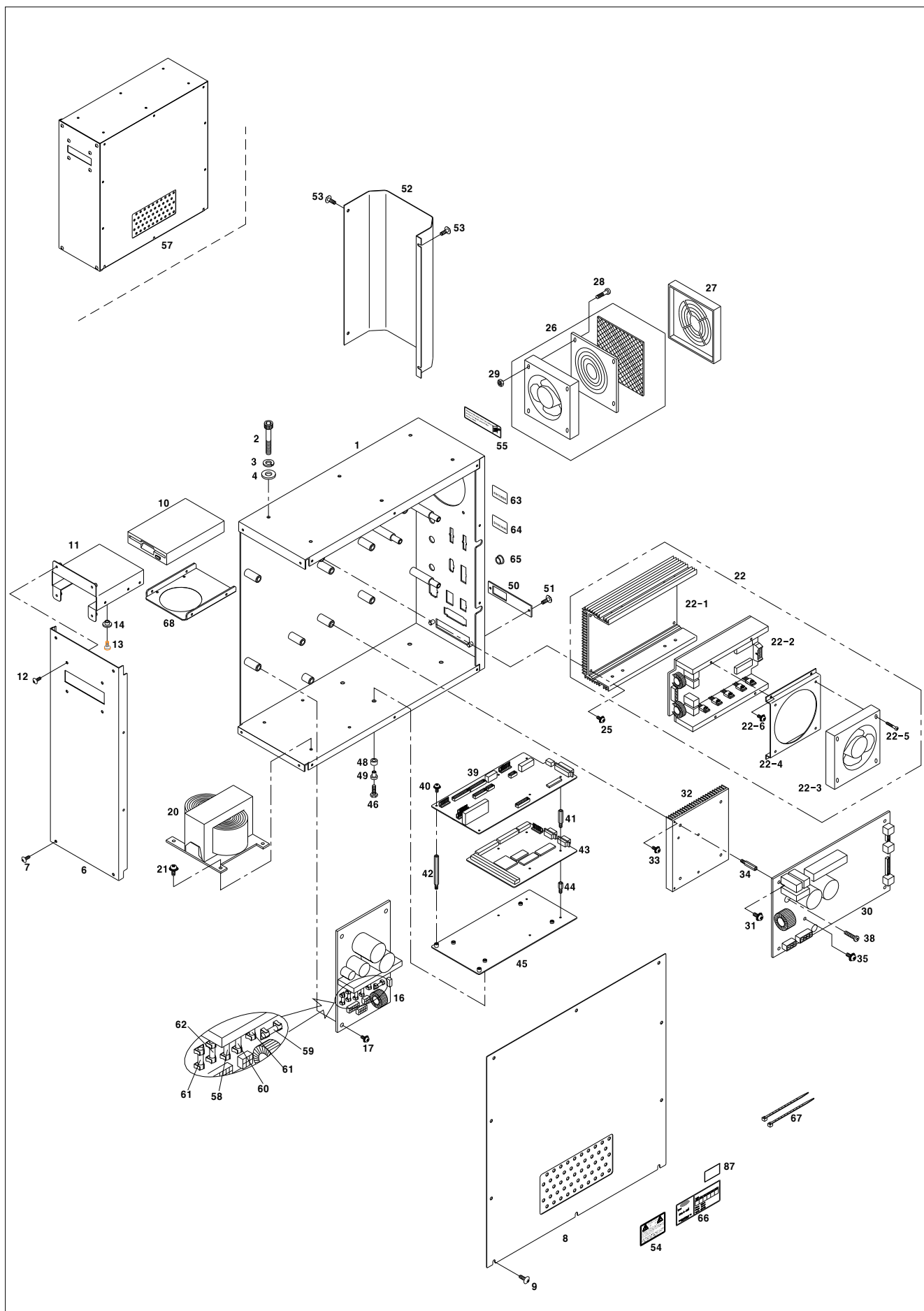


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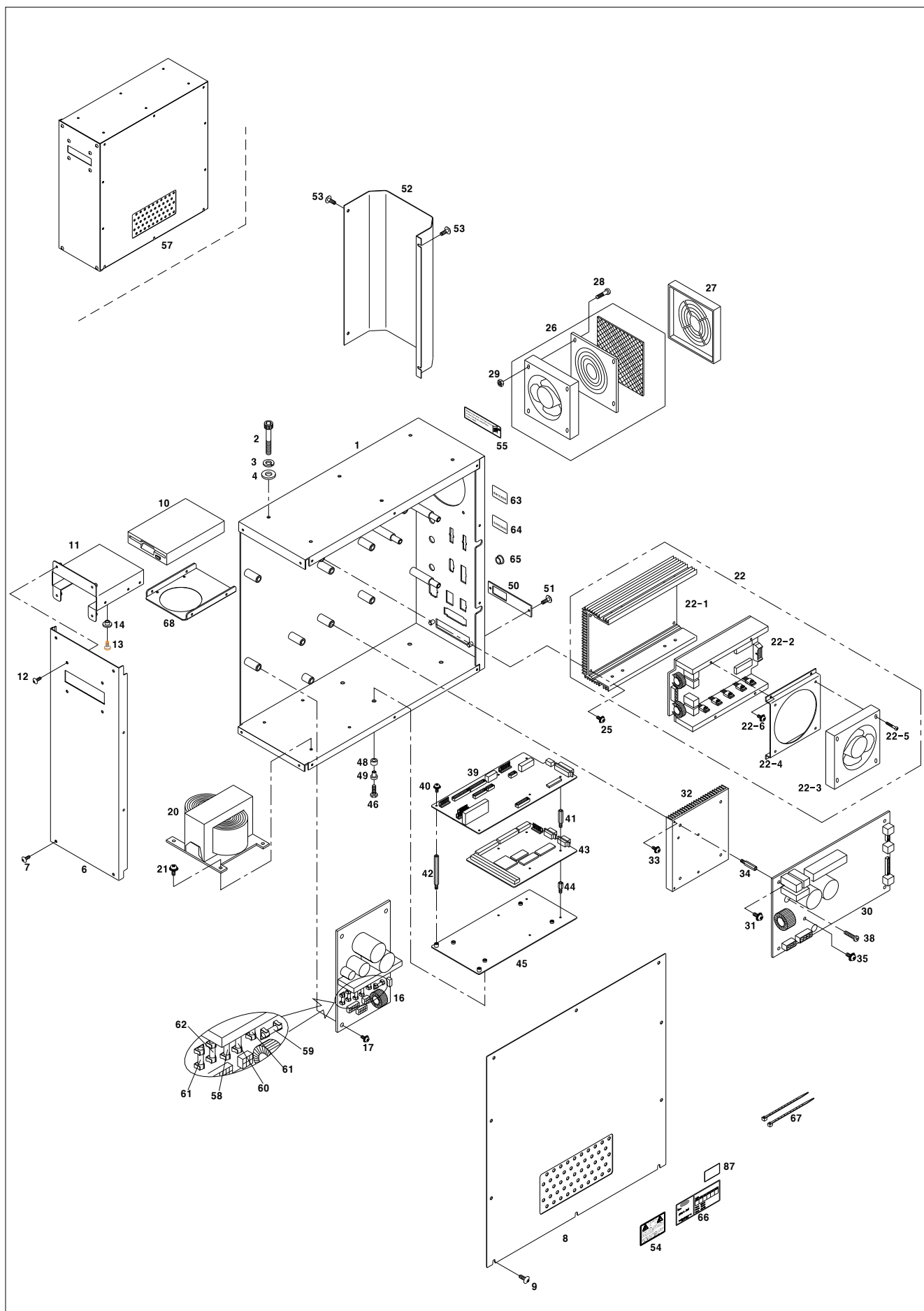


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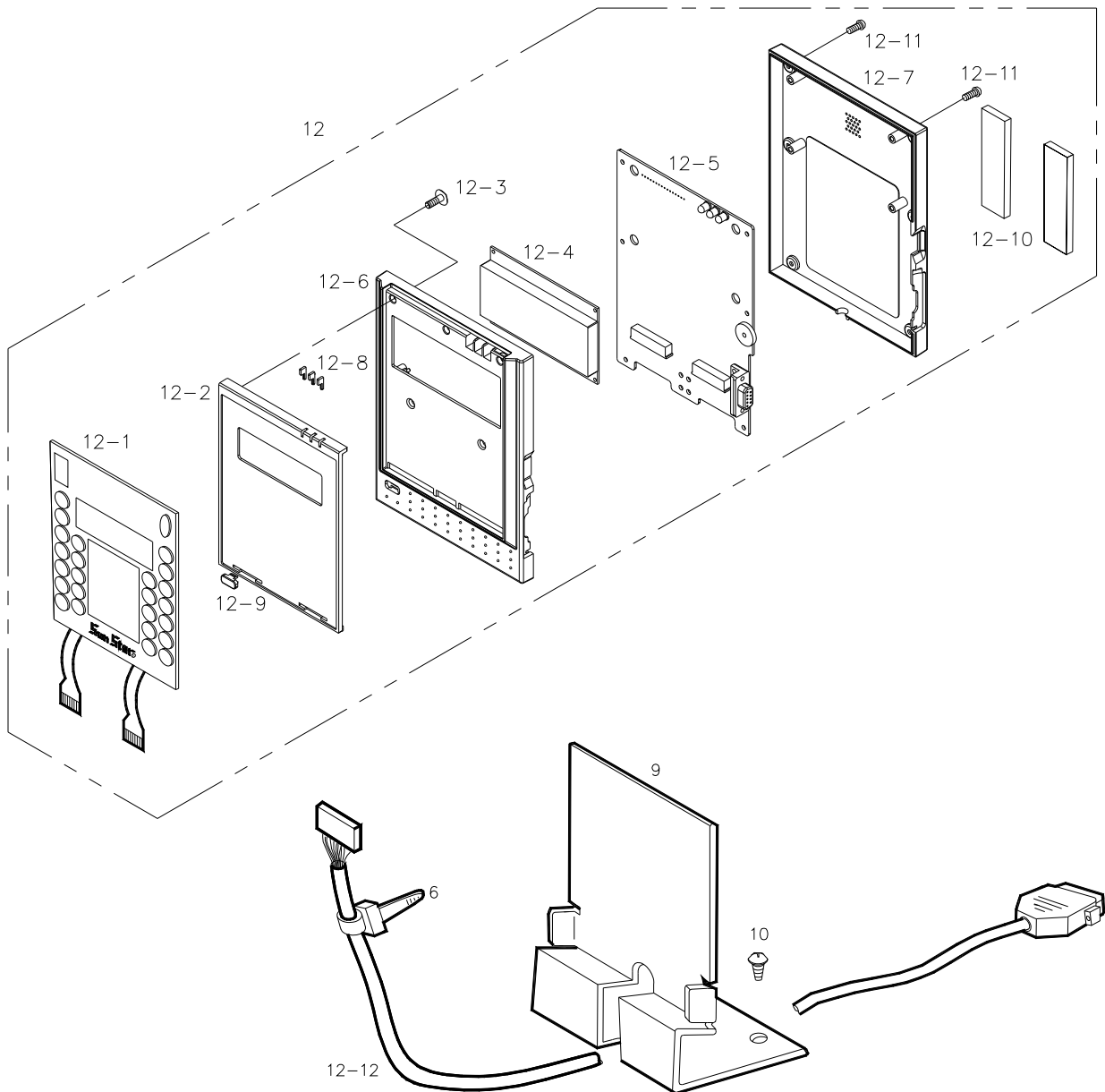
Note: HS → Heavy Material (후물용)
GS → General Material (일반용)



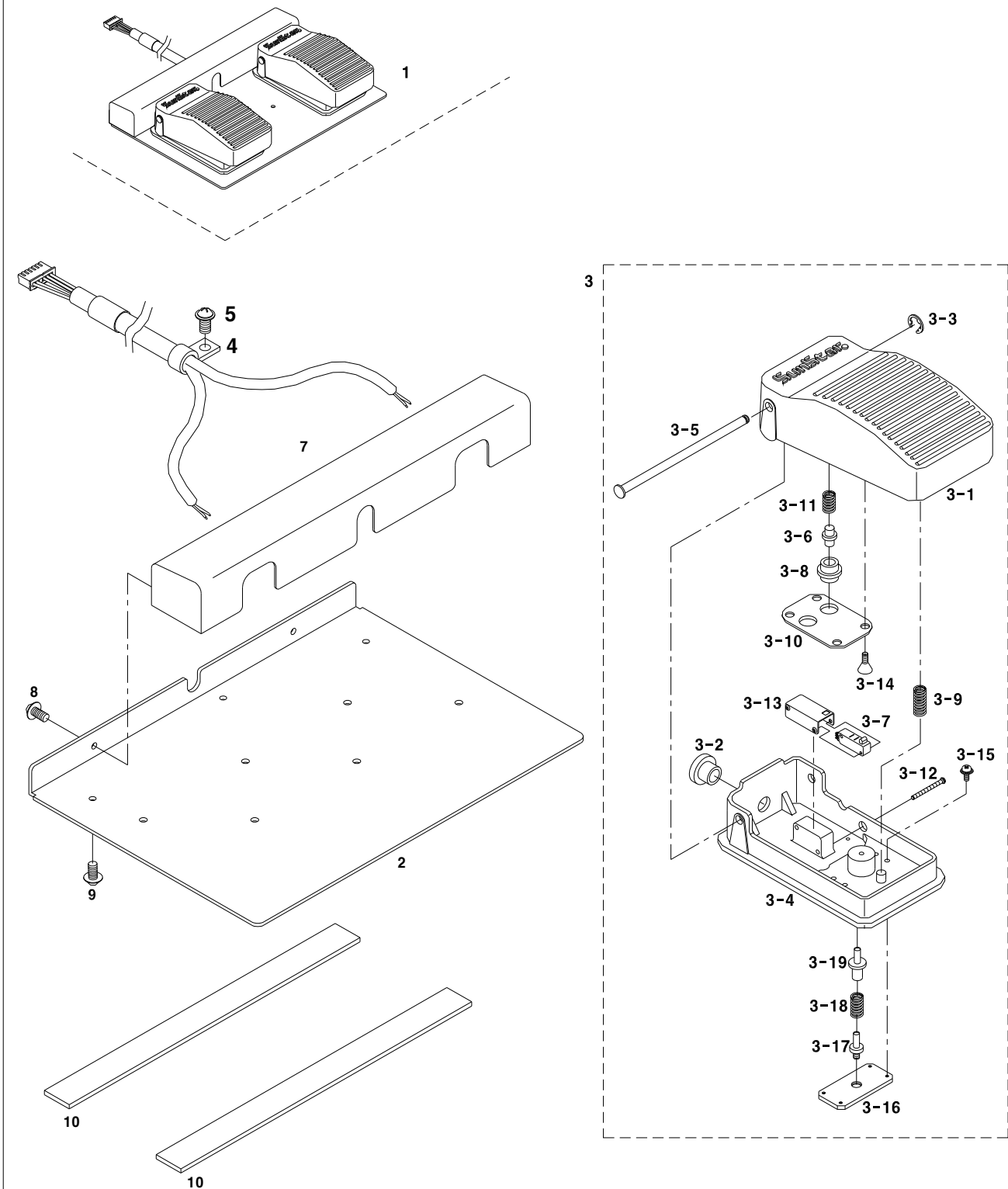
Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Applied Period
T-1	10-001A-PT01		Control Box	컨트롤 박스	1	
T-2	10-001M-PT02		Bolt Control Box(M6×L45)	컨트롤 박스 조임 볼트(M6×L45)	6	
T-3	10-003S-SW66		Spring Washer Control Box	컨트롤 박스 조임 스프링 와셔	6	
T-4	91-001C-PT10		Flat Washer Control Box	컨트롤 박스 조임 평 와셔	6	
T-6	10-002A-PT01		Front Cover Control Box	컨트롤 박스 전면 커버	1	
T-7	10-003M-PT01		Screw Control Box	전면 커버 조임 나사	4	
T-8	10-003A-PT01		Cover Control Box	컨트롤 박스 커버	1	
T-9	10-003M-PT01		Screw Cover	컨트롤 박스 커버 조임 나사	8	
T-10	EP-000474-00		Floppy Disc Drive	플로피 디스켓 드라이브	1	Sep.09.09
	EP-000074-00		Floppy Disc Drive	플로피 디스켓 드라이브	1	
T-11	02-010A-PT10		Bracket Floppy Disc Drive	플로피 디스켓 브라켓	1	
T-12	10-003M-PT01		Screw Floppy Disc Drive Bracket	플로피 디스켓 드라이브 브라켓 조임 나사	4	
T-13	10-073S-3701		Screw Ass'y (M3×L10)	플로피 디스켓 조임 나사(조)	4Set	
T-14	10-109C-3710		Isolation Bushing	절연 부싱	4	
T-16	02-0000-PT18		Power Board Ass'y	파워보드(조)	1Set	
T-17	SC-000683-00		Screw Ass'y (M4×L10)	파워보드 조임 나사(조)(M4×L10)	4Set	
T-20	10-104A-PT18		Transformer	트랜스 포머	1	
T-21	07-025S-3701		Screw Ass'y	트랜스 포머 조임 나사(조)	4Set	
T-22	06-110A-PT06		X-Y Board Ass'y	X, Y 보드 (조)	1Set	
T-22-1	10-104A-PT10		X-Y Board Radiator	X-Y 보드 방열판	1	
T-22-2	BD-000425-03		Step Board	스텝보드	1	
T-22-3	EA-000177-00		Fan	송풍기	1	
T-22-4	GP-017387-00		Fan Bracket	송풍기 브라켓	1	
T-22-5	SC-000392-00		Screw(M4×L30)	송풍기 침나사	4	
T-22-6	SC-000684-00		Screw(M3×L10)	송풍기브라켓 침나사	4	
T-25	SC-000683-00		Screw(M4×L10)	방열판 침나사	4	
T-26	EP-000291-00		Fan Ass'y	송풍기(조)	1Set	
T-27	01-001B-CPT2		Fan Cover	송풍기 커버	1	
T-28	01-002M-AU12		Bolt Fan (M4×0.7 L=35)	송풍기 조임 볼트	4	
T-29	09-041S-3701		Nut Fan(M4)	송풍기 조임 너트	4	
T-30	BD-000296-09		Main Driving Board Ass'y	주축 보드(조)	1Set	
T-31	10-002S-SW66		Screw Ass'y For Main Driving Board (M3×0.5 L=7)	주축 보드 조임 볼트(조)	5Set	
T-32	10-115A-PT10		Radiator Main	주축 방열판	1	
T-33	SC-000683-00		Screw Ass'y (M4×L10)	주축 방열판 조임 나사(조)	4Set	
T-34	10-012M-PT10		Stud Main Driving Board (3-5-15)	주축 보드 스테드(3-5-15)	2	
T-35	SC-000683-00		Screw IPM (M4×0.7 L=10)	IPM 조임 나사(조)	2Set	
T-38	10-003M-PT10		Screw Bridge Diode(M4×L16)	브릿지 다이오드 조임 나사	1	
T-39	BD-000239-00		I/O Board Ass'y	I/O 보드(조)	1Set	
T-40	SC-001099-00		Screw Ass'y I/O Board(M3×L7)	I/O 보드 조임 나사(조)	5Set	
T-41	03-010A-PT10		Stud (3-5-37)	I/O 보드 스테드 (3-5-37)	4	
T-42	03-011A-PT10		Stud (3-5-42)	I/O 보드 스테드 (3-5-42)	2	
T-43	BD-000859-00		486 CPU Board Ass'y	486 CPU 보드(조)	1Set	Sep.15.09
	BD-000212-09		CPU Board Ass'y	CPU 보드(조)	1Set	Jun.02.09
	BD-000212-08		CPU Board Ass'y	CPU 보드(조)	1Set	Feb.11.09
T-44	08-002M-SW67		Stud CPU P.C.B (3-5-10)	CPU 보드 스테드(3-5-10)	4	
T-45	10-003B-PT10		Connecting Plate I/O & CPU	I/O, CPU 연결판	1	
T-46	15-022S-1000		Screw Connecting Plate	I/O, CPU 연결판 조임나사	4	
T-48	10-006M-PT10		Isolation Bushing "B"	절연부싱"B"	4	
T-49	10-005M-PT10		Isolation Bushing "A"	절연부싱"A"	4	
T-50	GP-038188-00		Cover CPU P.C.B	CPU, P.C.B 커버	1	
T-51	10-003M-PT01		Screw Ass'y For CPU P.C.B Cover	CPU, P.C.B 커버 조임 나사(조)	2Set	
T-52	10-008A-PT10		Cover Connectors	컨넥터 커버	1	
T-53	10-003M-PT01		Screw Ass'y For Connectors Cover	컨넥터 커버 조임 나사(조)	4Set	
T-54	GP-011049-00		Sticker Caution	고전압 위험 스티커	1	
T-55	01-004S-BT01		Sticker Replacing Filter	필터 교환 스티커	1	
T-57	22-1811-PT01		Control Box Ass'y	컨트롤 박스 (조)	1Set	
T-58	01-001C-ZIZA		Fuse 7A 250V	휴즈 7A	1	



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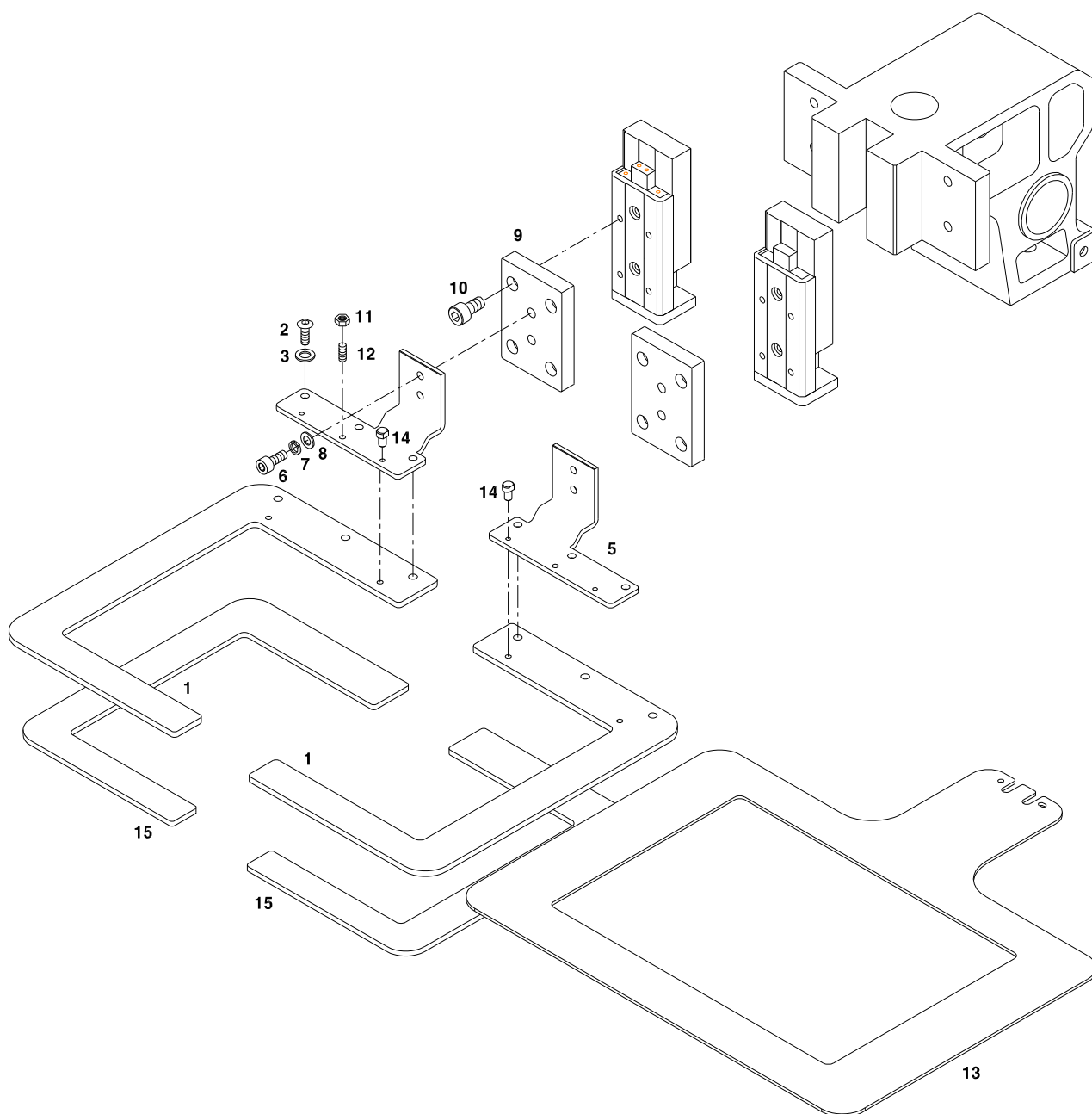


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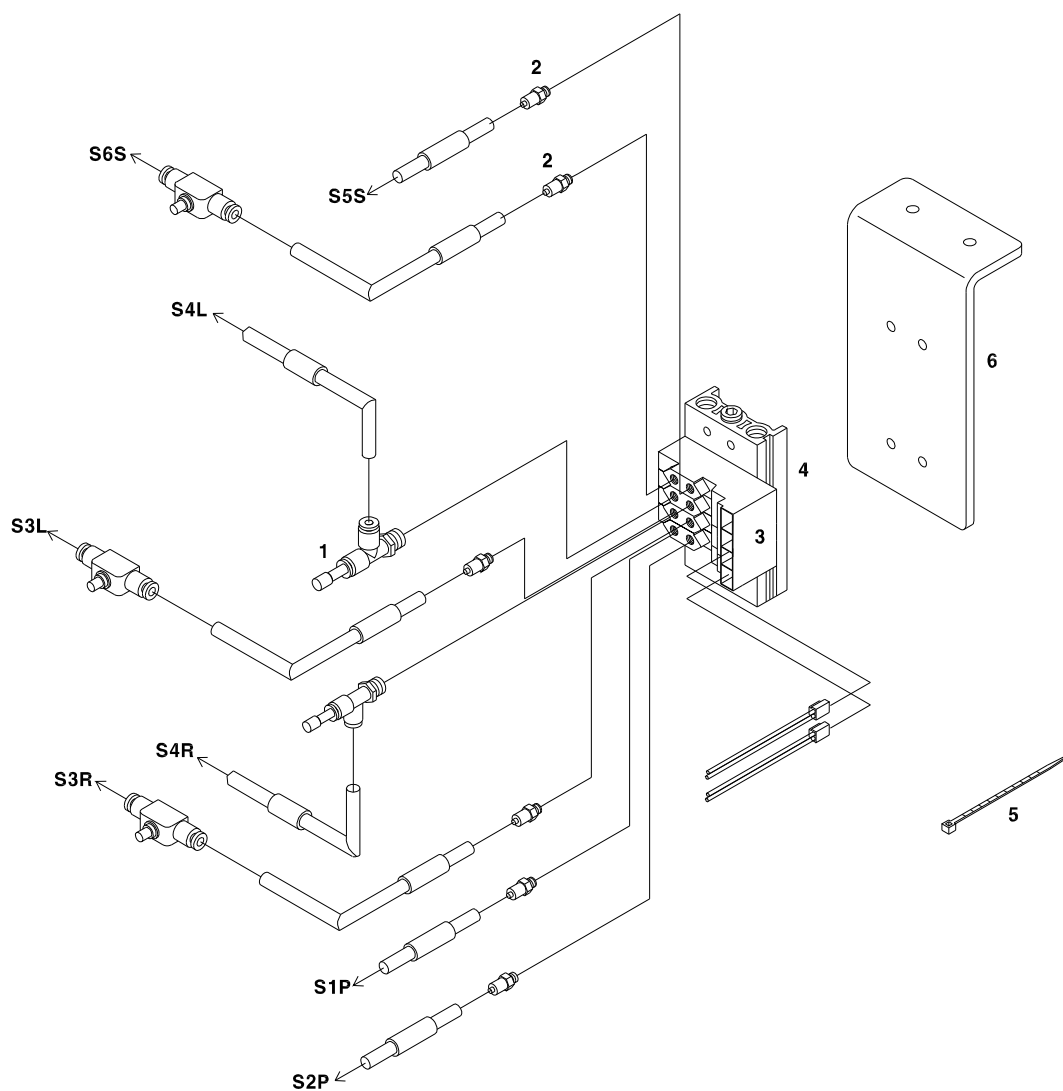
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Cloth Feed Mechanism / 피이드 판 관계



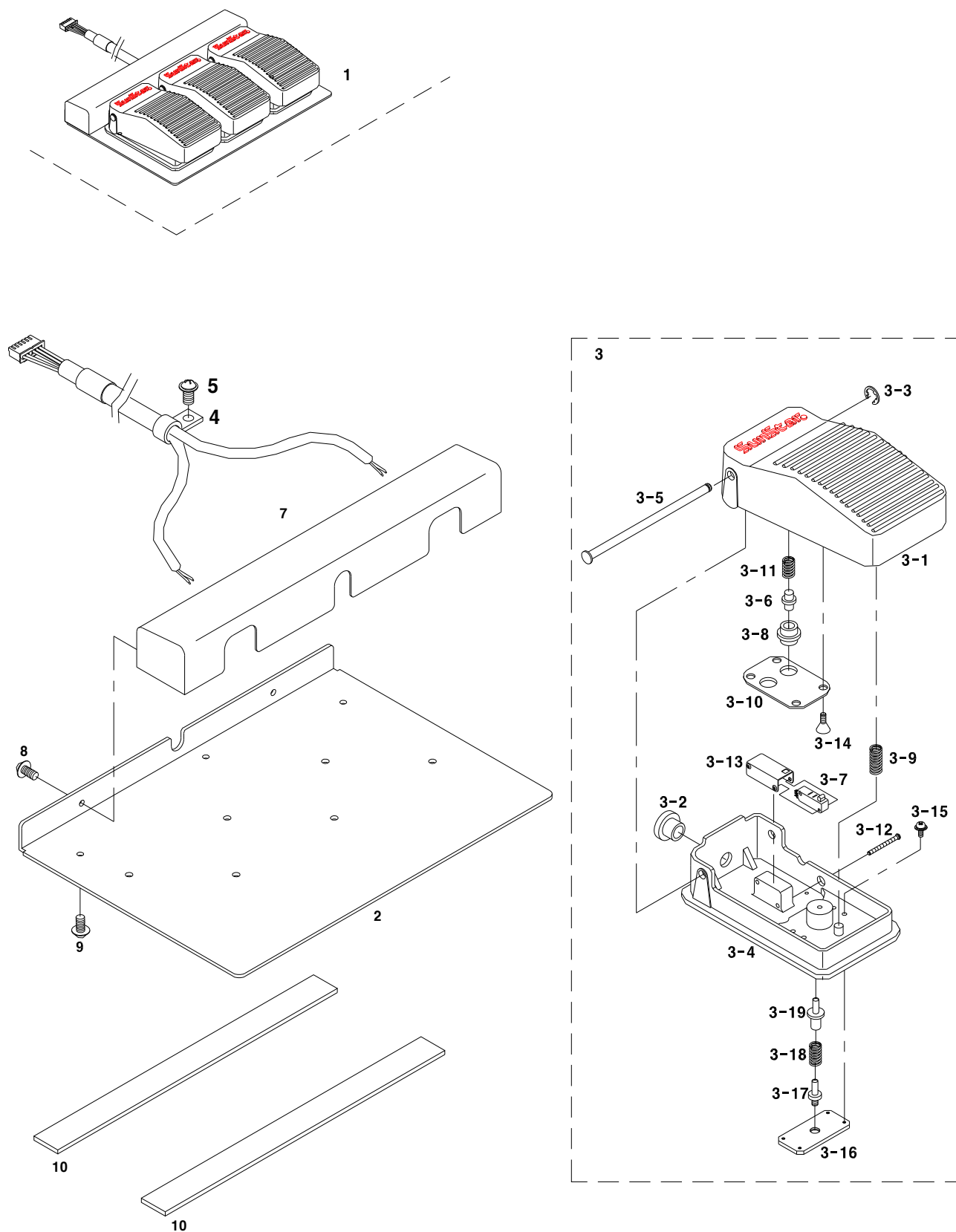
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Pneumatic Mechanism / 공압 관계



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Pedal Mechanism / 페달 관계

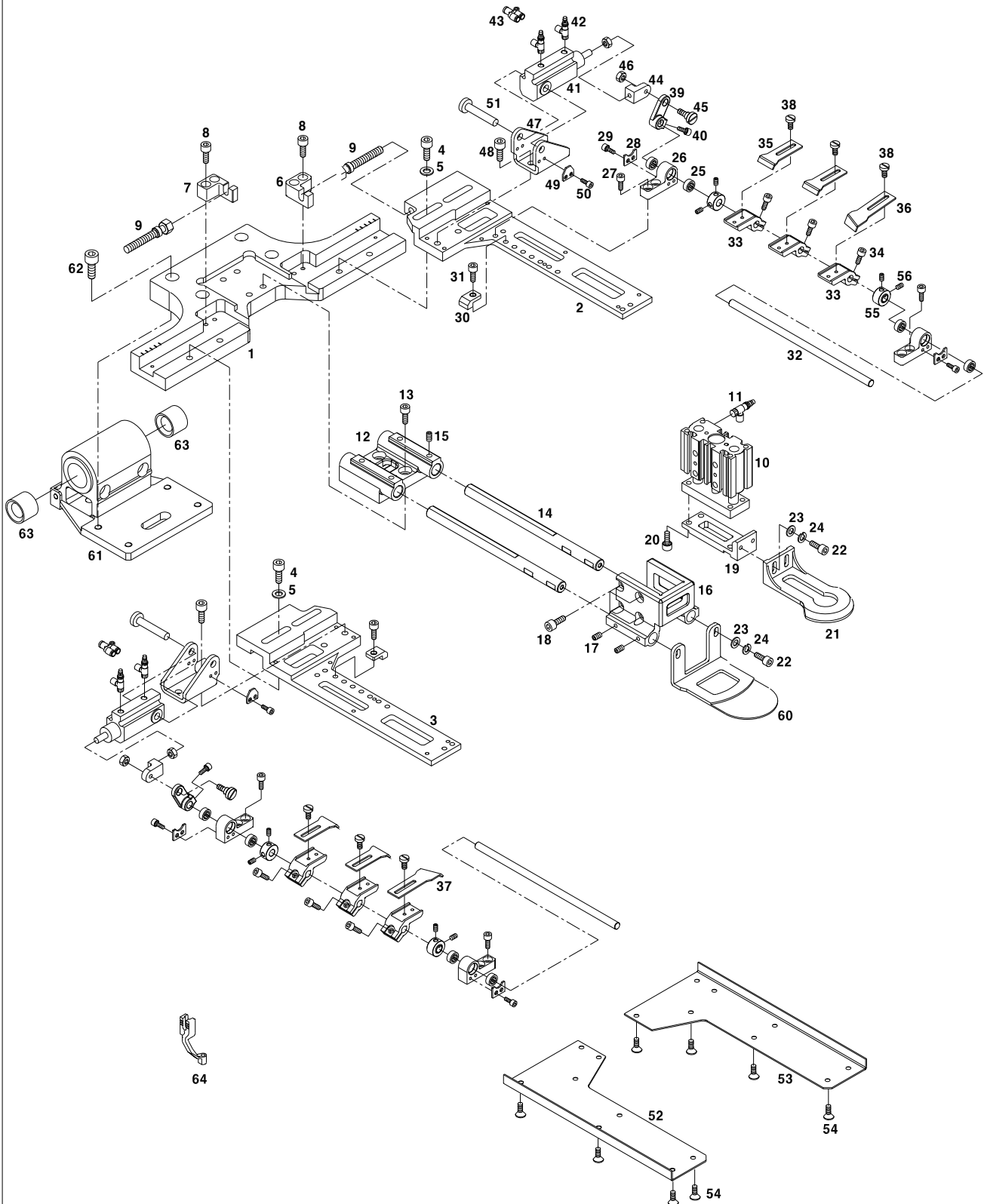


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X

Cap Visor Clamp Device (Option)

모자챙 클램프 장치 (선택사양)

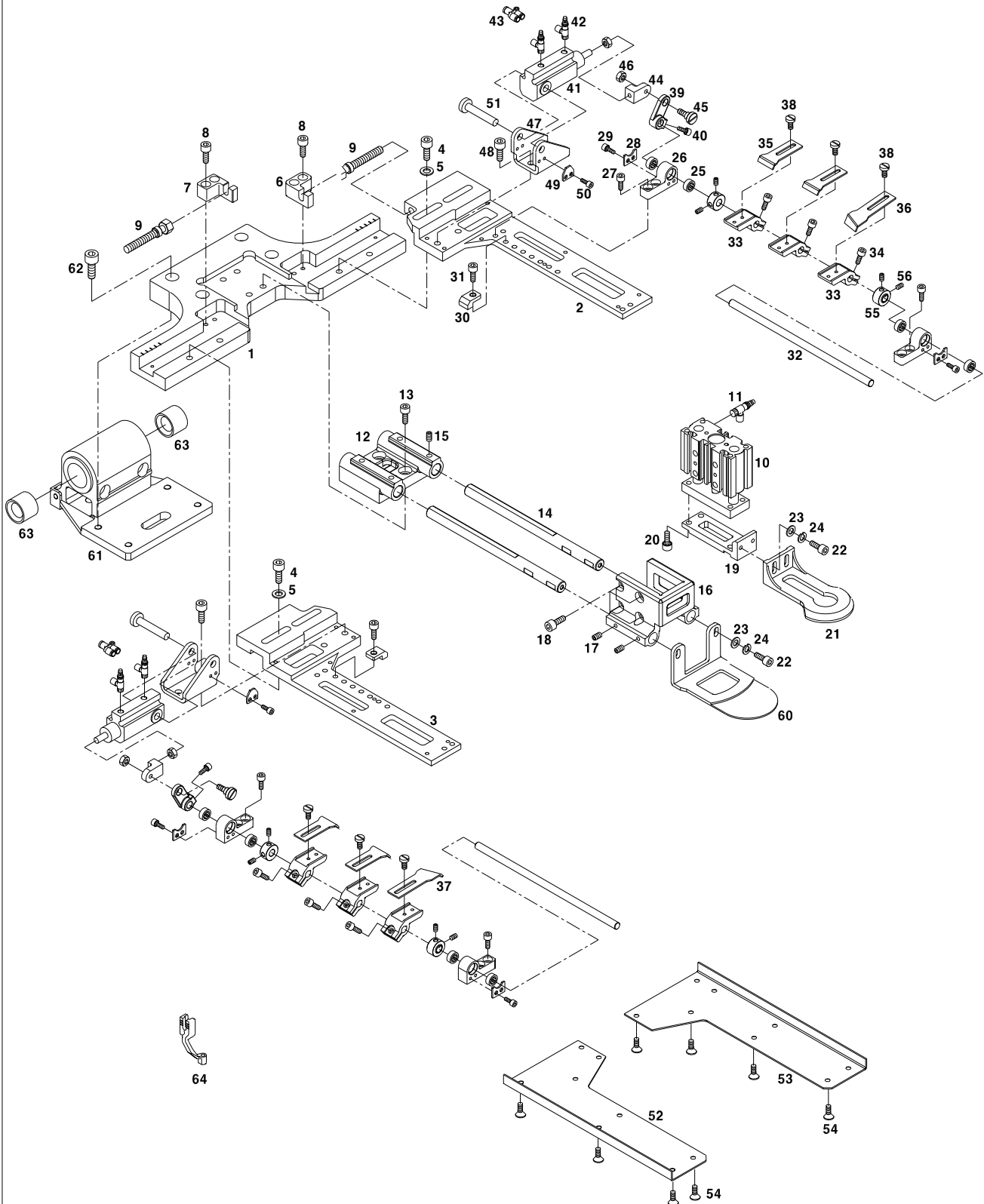


Ref. No.	Parts No.	Note	Name of Parts	품 명	Q'ty	Assembly No.
X-1	GP-033717-01		Clamp Bracket	클램프 브라켓	1	
X-2	GP-031323-02		Upper Clamp Arm(R)	상 클램프 암(우)	1	
X-3	GP-031324-02		Upper Clamp Arm(L)	상 클램프 암(좌)	1	
X-4	PSC-AC003400		Screw(M6xP1xL20)	상 클램프 암 브라켓 침나사	4	
X-5	PWS-AA001400		Washer	상 클램프 암 브라켓 와셔(호칭:6)	2	
X-6	GP-031325-00		Block for Adjusting Position(R)	위치 조정 블록(우)	1	
X-7	GP-031326-00		Block for Adjusting Position(L)	위치 조정 블록(좌)	1	
X-8	PSC-AC011900		Screw(M4xP0.7xL10)	위치 조정 블록 침나사	4	
X-9	SC-001010-01		Bolt	위치 조정 볼트	2	
X-10	GP-031562-00		Cylinder A (SMC MGPM12-10)	실린더(A)	1	
X-11	GP-033923-00		Speed Controller(AS131F-M5-04)	스피드 콘트롤러 A	2	
X-12	GP-031327-02		Cylinder Base Body	실린더 베이스 몸체	1	
X-13	16059SC-7113		Screw(M6xP0.8xL12)	실린더 베이스 몸체 침나사	4	
X-14	GP-031328-02		Guide Shaft	가이드 축	2	
X-15	PSC-CB000300		Screw(M5xP0.8xL5)	가이드 축 멈춤나사	4	
X-16	GP-031329-03		Cylinder Base	실린더 베이스	1	
X-17	PSC-CB000600		Screw(M4xP0.7xL5)	실린더 베이스 고정나사	4	
X-18	PSC-AC003900		Screw(M5xP0.8xL15)	실린더 침나사	4	
X-19	GP-031331-02		Clamp (M) Base	클램프(중) 베이스	1	
X-20	PSC-AC001400		Screw(M4xP0.7xL8)	클램프(중) 베이스 침나사	4	
X-21	GP-031332-02		Clamp (M)	클램프(중)	1	
X-22	PSC-AC004900		Screw(M4xP0.7xL12)	클램프(중) 침나사	2	
X-23	PWS-AA001000		Washer	클램프(중)와셔(호칭:4)	2	
X-24	PWS-CA000900		Spring Washer	클램프(중)스프링와셔(호칭:4)	2	
X-25	BR-000216-00		Bearing(MR106ZZS)	클램프 베어링	8	
X-26	GP-031334-01		Bearing Housing	베어링 하우징	4	
X-27	PSC-AC001400		Screw(M4xP0.7xL8)	베어링 하우징 침나사	8	
X-28	GP-031335-00		Bearing Stopper	베어링 스토퍼	4	
X-29	PSC-AC007500		Screw(M3xP0.5xL6)	베어링 스토퍼 침나사	8	
X-30	GP-031336-01		CV Stopper	CV 스토퍼	2	
X-31	PSC-AC001400		Screw(M4xP0.7xL8)	CV 스토퍼 침나사	2	
X-32	GP-031337-01		Clamp Shaft	클램프 축	2	
X-33	GP-031338-03		Clamp Shaft Holder	클램프 축 홀더	6	
X-34	PSC-AC011900		Screw(M4xP0.7xL10)	클램프 축 홀더 침나사	6	
X-35	GP-031339-02		Clamp	클램프	4	
X-36	GP-032962-01		Clamp A	클램프 A	1	
X-37	GP-032964-01		Clamp B	클램프 B	1	
X-38	DSC-BH000300		Screw(M3xP0.5xL6)	클램프 침나사	12	
X-39	GP-031340-02		Clamp Shaft Link	클램프 축 링크	2	
X-40	PSC-CB000600		Screw(M4xP0.7xL5)	클램프 축 링크 멈춤나사	2	
X-41	GP-012328-00		Cylinder B (CJPD15-10D)	실린더(B)	2	
X-42	GP-033924-00		SMC AS121F-M5-04	스피드 콘트롤러 B	4	
X-43	PPP-AA001400		Quick Coupling(PY0400)	퀵커플링	2	
X-44	GP-031341-01		Block for Cylinder Rod	실린더 로드 블록	2	
X-45	GP-031342-00		Screw for Clamp Shaft Link	클램프 축 링크 단나사	2	
X-46	11-009S-4532		Nut(M4)	클램프 축 링크 단나사 너트	2	
X-47	GP-031343-01		Cylinder Base	실린더 베이스	2	
X-48	PSC-AC004500		Screw(M5xP0.8xL10)	실린더 베이스 침나사	4	
X-49	GP-031344-00		Cylinder Hinge Shaft Stopper	실린더 힌지축 스토퍼	2	
X-50	PSC-AC010000		Screw(M3xP0.5xL6)	실린더 힌지축 스토퍼 침나사	4	
X-51	GP-031345-01		Cylinder Hinge Shaft	실린더 힌지축	2	
X-52	GP-031346-01		Low Feed Plate(L)	하피드 판(좌)	1	
X-53	GP-031347-01		Low Feed Plate(R)	하피드 판(우)	1	
X-54	PSC-BB001200		Screw(M3xP0.5xL5)	하피드 판 침나사	16	
X-55	CL-000194-00		Collar	베어링 카라	4	
X-56	PSC-CB002900		Screw(M4xP0.7xL4)	베어링 카라 멈춤나사	8	
X-60	GP-031330-02		Low Feed Plate(M)	하피드판(중)	1	

X

Cap Visor Clamp Device (Option)

모자챙 클램프 장치 (선택사양)



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