



PARTS BOOK

KM-D1640BL-7

Direct drive, 1-Needle, Upper &
Lower Feed Lock Stitch M/C with
Thread Trimmer(Large Hook)

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PME-190108

Information

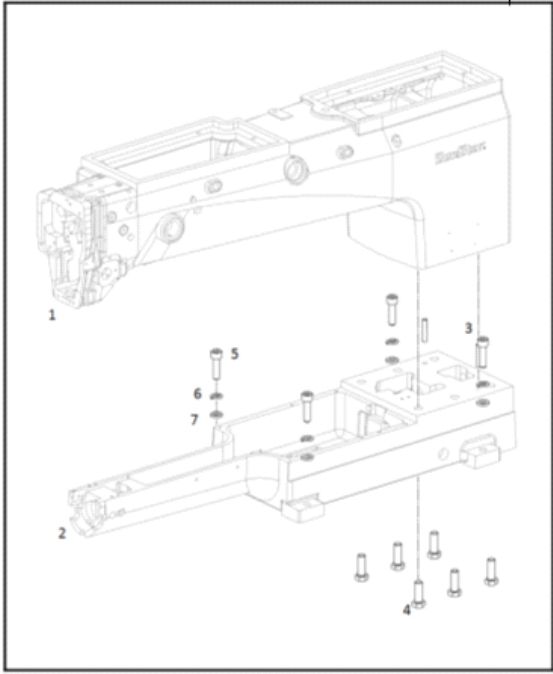
A. Parts Book 구성

Structure of Part Book

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A-1

Arm/Bed Mechanism
 암/베드관계



Part No.	Part No.	Part Name	품명	Application date	Interchangeability	Part Name	Q'ty	Remarks
1	CM-LA000001	Face Plate	면판				1	
2	CM-FC000002	Face Plate Gasket	면판 패스지				1	
3	DS-SP000003	Screw	달라임 나사				2	
4	DP-CB000004	Rubber Cap	무늬양 고무캡				1	
5	DS-BI000005	Screw	동관달림 나사				2	
6	AM-PD000006	Ulnar Plate Assembly	안장판 조립				1	
7	CM-SB000007	Ulnar Plate Bracket	안장판 브래킷				1	
8	DS-BI000008	Screw	동관달림 나사				2	
9	DS-FA000009	Wash Screw	달라임 나사				1	
10	DP-AC000010	Tension Spring	비틀림 코일 스프링				1	
11	DP-AA000011	Washer	달라임 패시				1	
12	DP-AA000012	Sha	축				1	
13	CM-SI000013	Ulnar Plate Holder	안장판 홀더				1	
14	CM-SI000014	Ulnar Plate	안장판				1	
15	DS-BI000015	Screw	동관달림 나사				2	
16	DP-AA000016	Washer	달라임 패시				1	
17	DS-HD000017	Tension Holder Screw	스트링 홀더 나사				1	
18	DS-AA000018	Sha	축				1	
19	DS-BA000019	Screw	달라임 나사				2	
20	CM-HS000020	Thread Guide	달라임				1	
21	DP-AA000021	Sha	축				1	
22	CM-HS000022	Thread Guide	달라임				1	
23	CM-HS000023	Thread Guide	달라임				1	
24	CM-LA000024	Thread Stop (Lower Case)	달라임 스톱퍼				1	
25	DS-BI000025	Screw	동관달림 나사				1	
26	DP-CB000026	Rubber Cap	무늬양 고무캡				1	
27	DP-CB000027	Rubber Cap	무늬양 고무캡				1	
28	CM-HS000028	Thread Guide	달라임				1	
29	DS-SP000029	Screw	달라임 나사				2	
30	CM-HS000030	Thread Guide	달라임				1	
31	DS-AA000031	Sha	축				1	
32	AM-PD000032	Ulnar Task Assembly	달라임 골무형 조립				1	
33	CM-SI000033	Ulnar Task	달라임 골무				1	
34	CM-SI000034	Ulnar Pad	달라임 골무패드				1	
35	CM-SI000035	Ulnar Pad Holder	달라임 골무패드 홀더				1	
36	DS-BI000036	Screw	동관달림 나사				1	
37	CM-SI000037	Ulnar Old Washer	달라임 골무				1	
38	DS-CB000038	Sha Screw	축 나사				1	
39	DP-HS000039	Top Cover(S)	상부 커버				1	
40	DS-SP000040	Screw	달라임 나사				2	
41	CM-HS000041	Ulnar Washer Thread Max	달라임 나사				1	
42	DS-BI000042	Screw	동관달림 나사				2	
43	AM-PD000043	Ulnar Task/Thread Assembly	달라임 골무형 조립(조)				1	
44	CM-HS000044	Thread Guide Plate	달라임판				1	
45	CM-HS000045	Thread Guide Adhesive Pad	달라임 접착 패				1	
46	CTA-HS000046	Thread Guide Shaft	달라임 샤프트				1	
47	CTA-HS000047	Spring Cover	스프링 커버				1	
48	DP-BA000048	Control Spring	무늬양 스프링				1	
49	CTA-HS000049	Tension Stopper	스트링 스톱퍼				1	
50	DS-CB000050	Thread Adjusting Sha	달라임 나사				1	

① 관계 별 고유 코드

Unique code by mechanism

② 관계 별 고유 명칭

Unique name by mechanism

③ 관계도

Explode view

④ Ref No: 파트별 고유 식별 번호

Unique identification number by part

⑤ Parts No.: 고유 제품 코드

Unique Product code

⑥ 품 명: 파트의 고유 품명

Name of Part: Unique name of parts

⑦ Application date: 제품 적용일

⑧ Interchangeability: 대체 가능여부

⑨ Hardware: 시중에서 구매할 수 있는 부품

Parts that can be purchased in the market

⑩ Q'ty : 파트의 수량

The number of parts

⑪ Remarks : 비고

ex)

구분 Category	Code	비고 Remarks
구 부품 Oldpart	01-030C-1230	
신 부품 NewPart	AS-000000-00	조(組)파트 Setparts
	GP-000000-00	기구적 파트 Instrumentalparts
	EP-000000-00	전기적 파트 Electricalparts

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- 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

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- 파트북은 관계별로 구분되어 있으며 관계를 알고 있다면 부품 찾기가 용이합니다.
- You can make an order for the parts of Sunstar machine to connect internet address.
<http://www.sunstarcs.com>
- You can request for parts you want after login if you are a registered member.
- In parts Management - Order Management - Order Registration entry, you can place an order by entering the part number and quantity.
- If you don't know the parts number, click the parts book menu bar.
- In a download list, you can read parts book by searching model you use.
- This parts book is classified by the mechanism, therefore you can find part easily.

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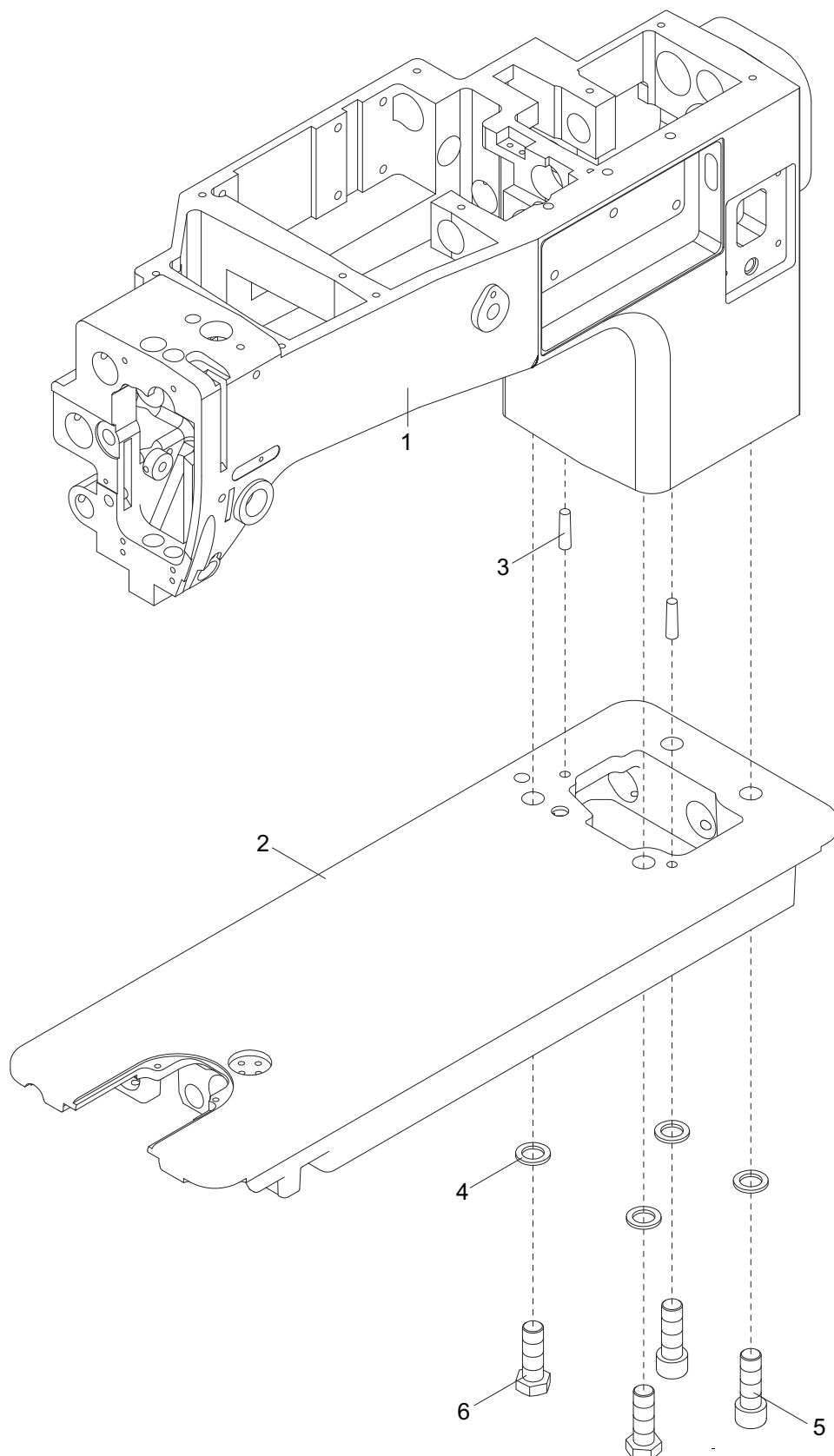
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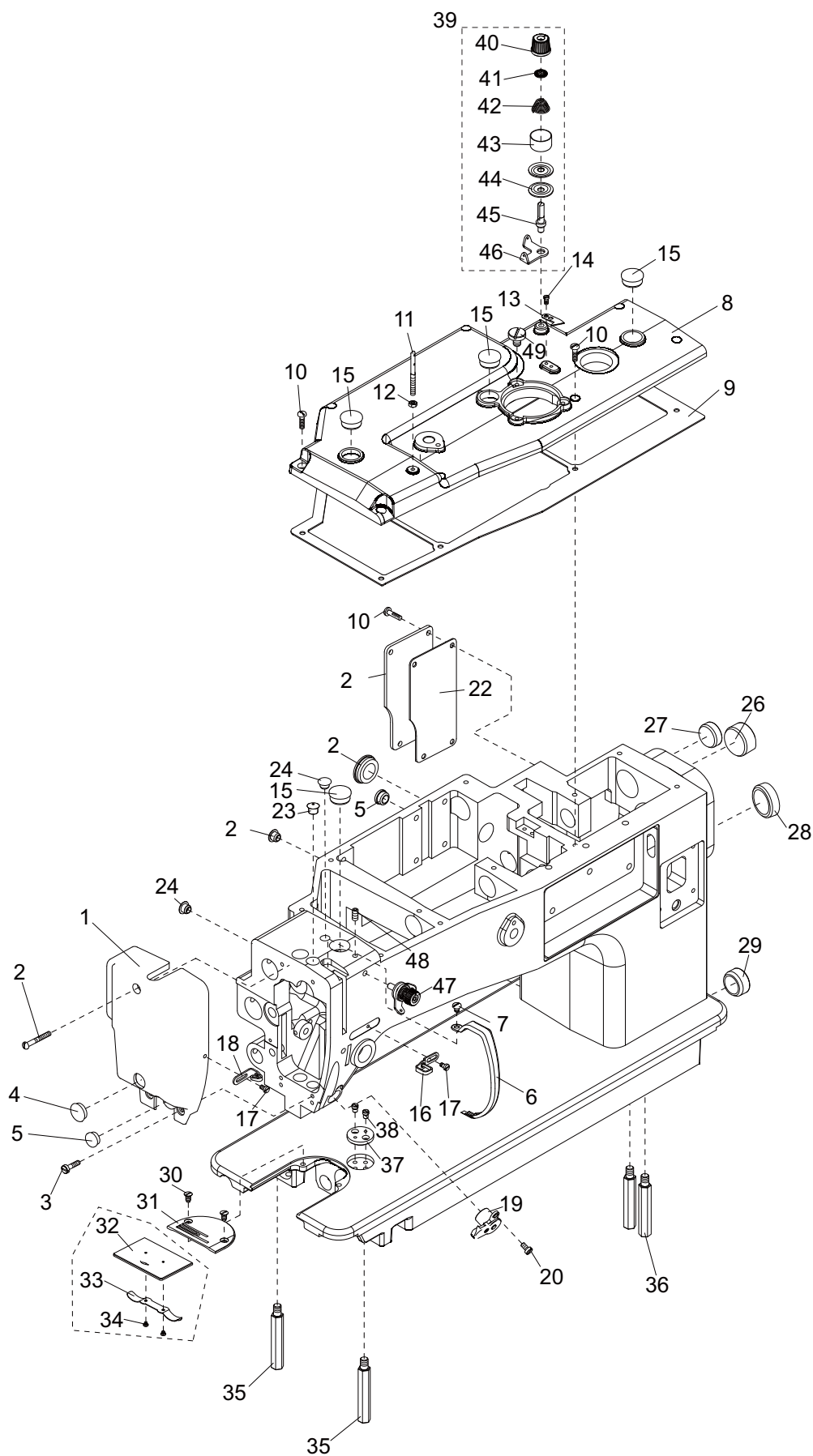
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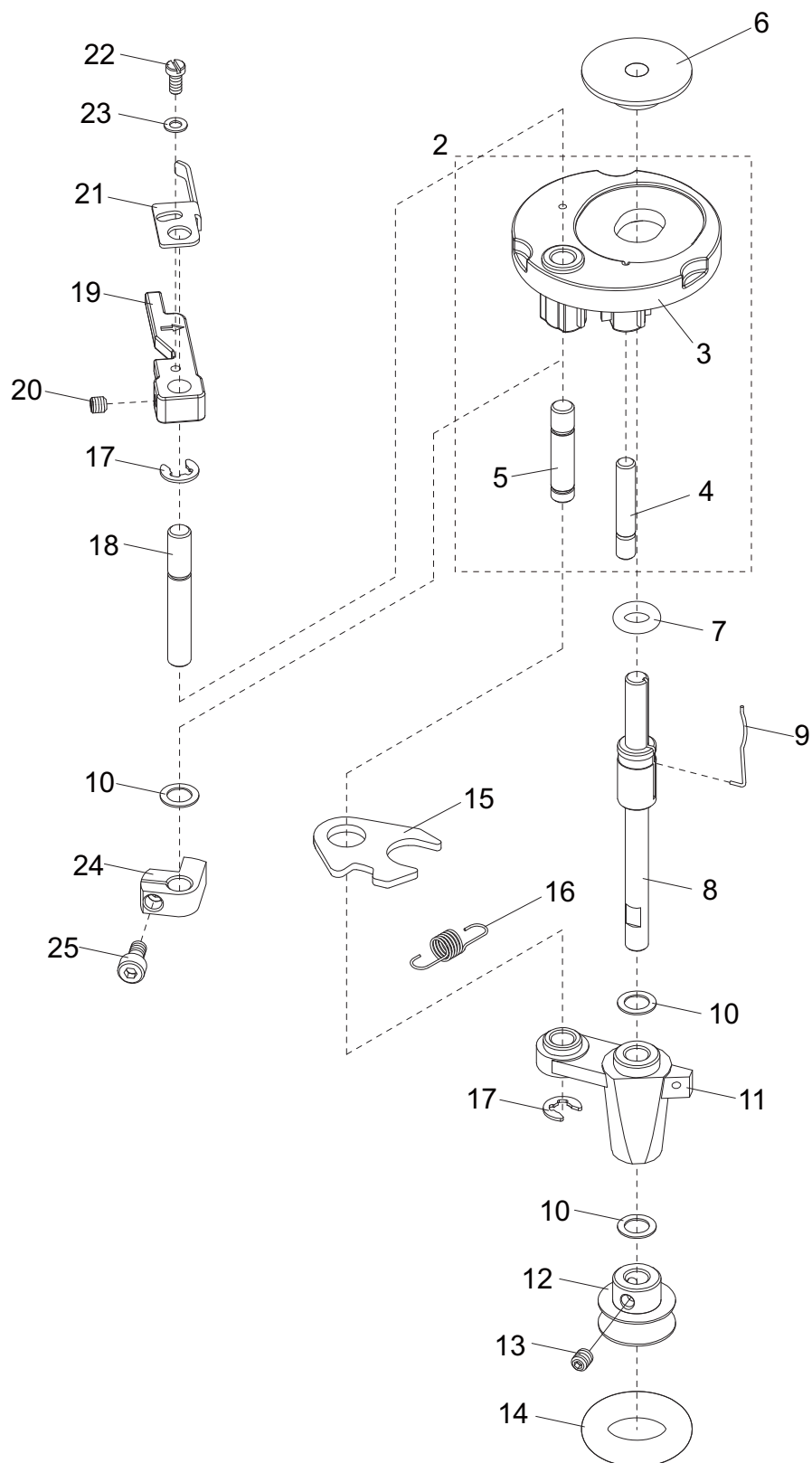
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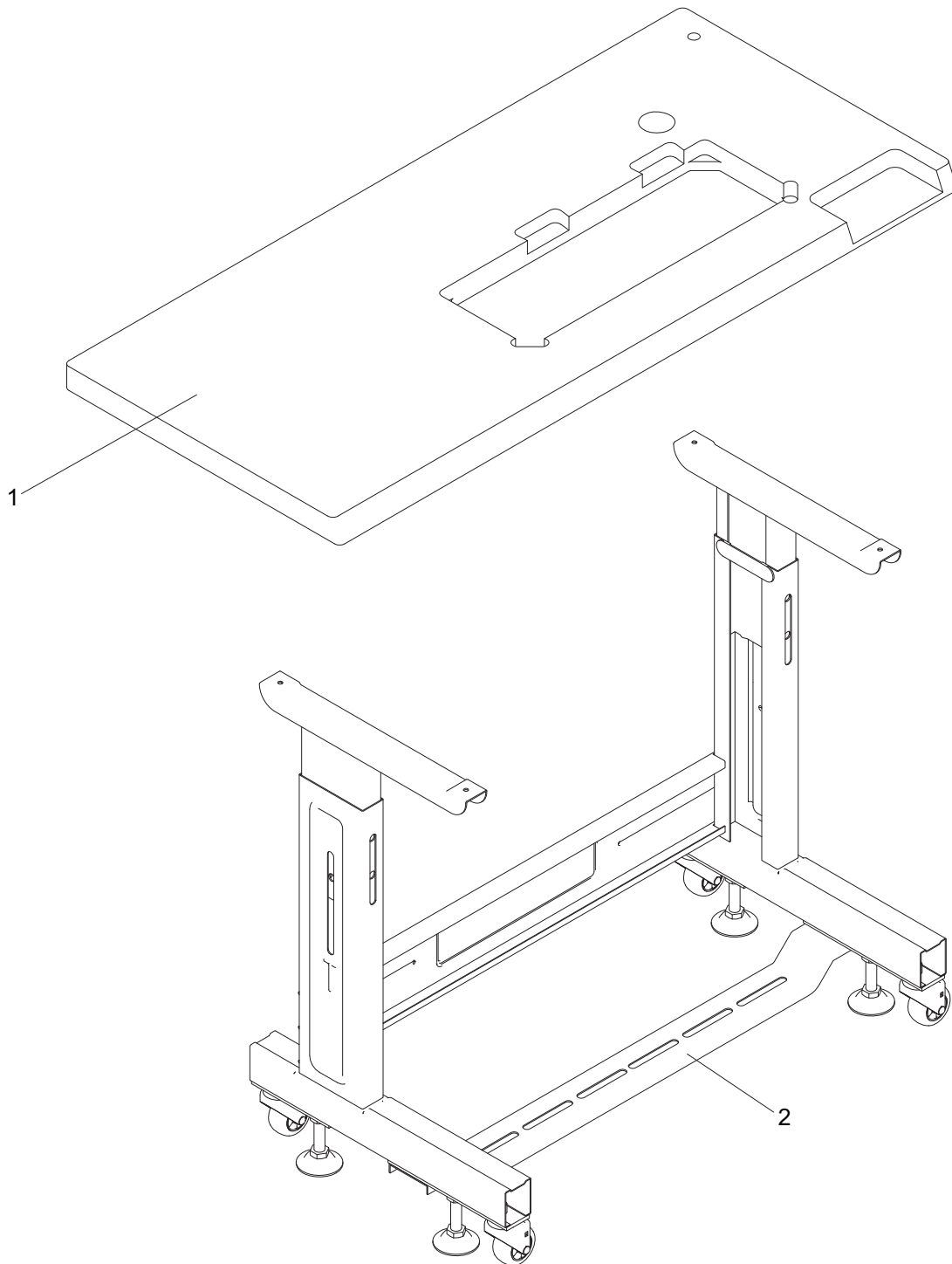




Ref .No	Part No.	Part Name	품 명	Application date	Interchang eability	Hard ware	Q'ty	Remarks
1	CMB-LA054100	Face Plate	면판				1	
2	DSC-BA003100	Screw	냄비작은나사				1	
3	DSC-BF001200	Screw	납작작은나사				2	
4	DPK-CB000901	Rubber Cap	부착형 고무마개				1	
5	DPK-CB000201	Rubber Cap	부착형 고무마개				2	
6	CMB-LA013600	Thread Take Up Lever Cover	실채기커버				1	
7	DSC-BJ000200	Screw	둥근납작작은나사				1	
8	CMB-LA054202	Top Cover	윗뚜껑				1	
9	CMB-FC012701	Top Cover Gasket	윗뚜껑개스킷				1	
10	DSC-BF003100	Screw	납작작은나사				12	
11	CMB-HK002000	Thread Guide	실안내				1	
12	DSN-AA000100	Nut	육각너트				1	
13	CMB-NB000100	Bobbin Winder Thread Mes	실감기메스				1	
14	DSC-BC000200	Screw	둥근접시작은나사				2	
15	DPK-CB000101	Rubber Cap	부착형 고무마개				4	
16	CMB-HK005900	Thread Guide	실안내				1	
17	DSC-BA000100	Screw	냄비작은나사				2	
18	CMB-HK006100	Thread Guide	실안내				1	
19	Z1-M-2000-00	Bobbin Thread Tension ASM	전자 클러치				1	
20	Z1-M-1062-00	Screw	둥근접시작은나사				1	
21	CMB-LA013500	Rear Cover	후면커버				1	
22	CMB-FC005200	Rear Cover Gasket	후면커버개스킷				1	
23	Z1-M-2001-00	Rubber Cap	부착형 고무마개				1	
24	DPK-CB000801	Rubber Cap	부착형 고무마개				3	
25	Z1-M-2002-00	Rubber Cap	부착형 고무마개				1	
26	DPK-CA000301	Rubber Cap	삼입형 고무마개				1	
27	DPK-CA000401	Rubber Cap	삼입형 고무마개				1	
28	DPK-CA000501	Rubber Cap	삼입형 고무마개				1	
29	DPK-CA000600	Rubber Cap	삼입형 고무마개				1	
30	DSC-BC000100	Screw	둥근접시작은나사				2	
31	CGA-GA001500	Needle Plate	침판				1	
32	CMB-BJ005100	Slide Plate	미끄럼판				1	
33	DSP-AD001000	Flat Spring	판스프링				1	
34	DSC-BD000300	Screw	둥근작은나사				2	
35	CMB-BA000500	Bed Supporter	베드받침				2	
36	CMB-BA000600	Bed Supporter	베드받침				2	
37	Z1-M-0753-00	Gauge Plate	게이지부착판				1	
38	Z1-M-0752-00	Screw	둥근작은나사				2	
39	AMB-PS005600	Bobbin Winder Thread Tension Adjusting Ass'y	실감기실장력조절장치 (조)				1	
40	DSN-CD000100	Thread Adjusting Nut	실조절너트				1	
41	CTA-BJ000100	Spring Stopper	스프링스토퍼				1	
42	DSP-BA000100	Conical Spring	원추코일스프링				1	
43	CTA-BD000200	Spring Cover	스프링커버				1	
44	CTA-HL000101	Thread Guide Disk	실안내접시				2	
45	CTA-KF000700	Thread Tension Adjusting Shaft	실조절장치축				1	
46	CMB-HK001000	Thread Guide Plate	실안내판				1	
47	40-001A-257A	Sub Thread Tension Adjusting Ass'y	보조실조절장치(조)				1	
48	DSC-CA001600	Set Screw	홈볼이멈춤나사				1	
49	DSC-BF001700	Screw	납작작은나사				3	

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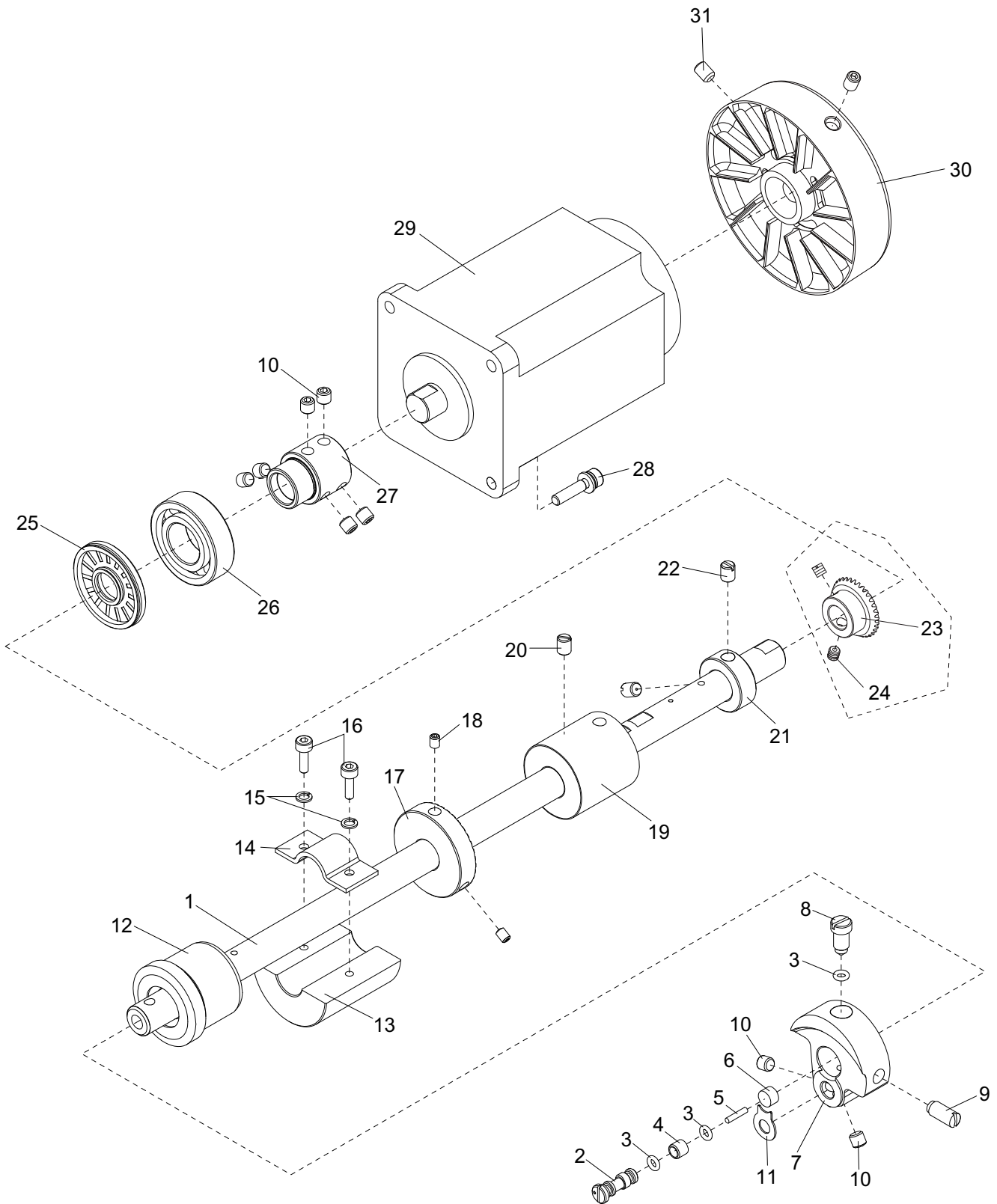


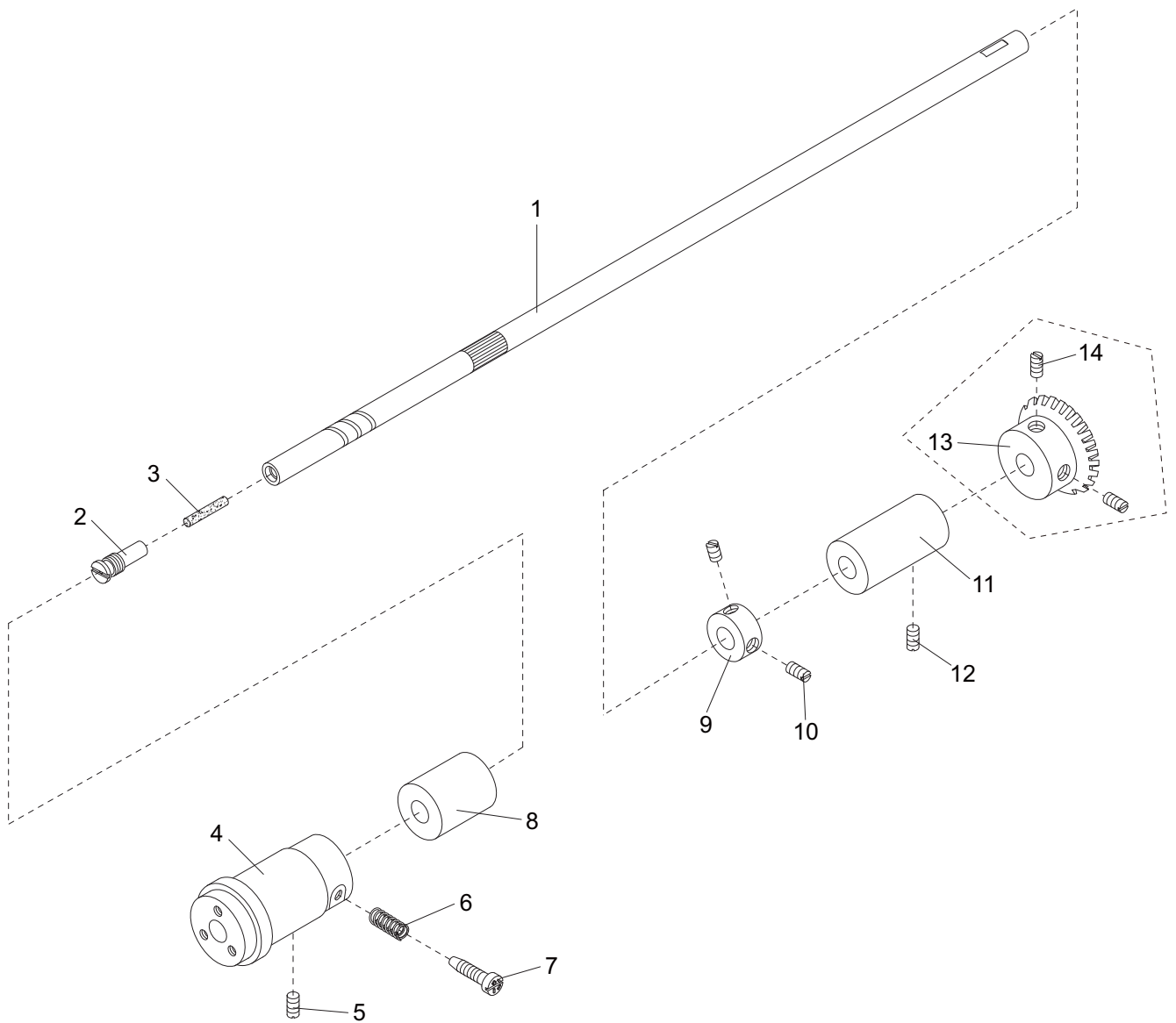


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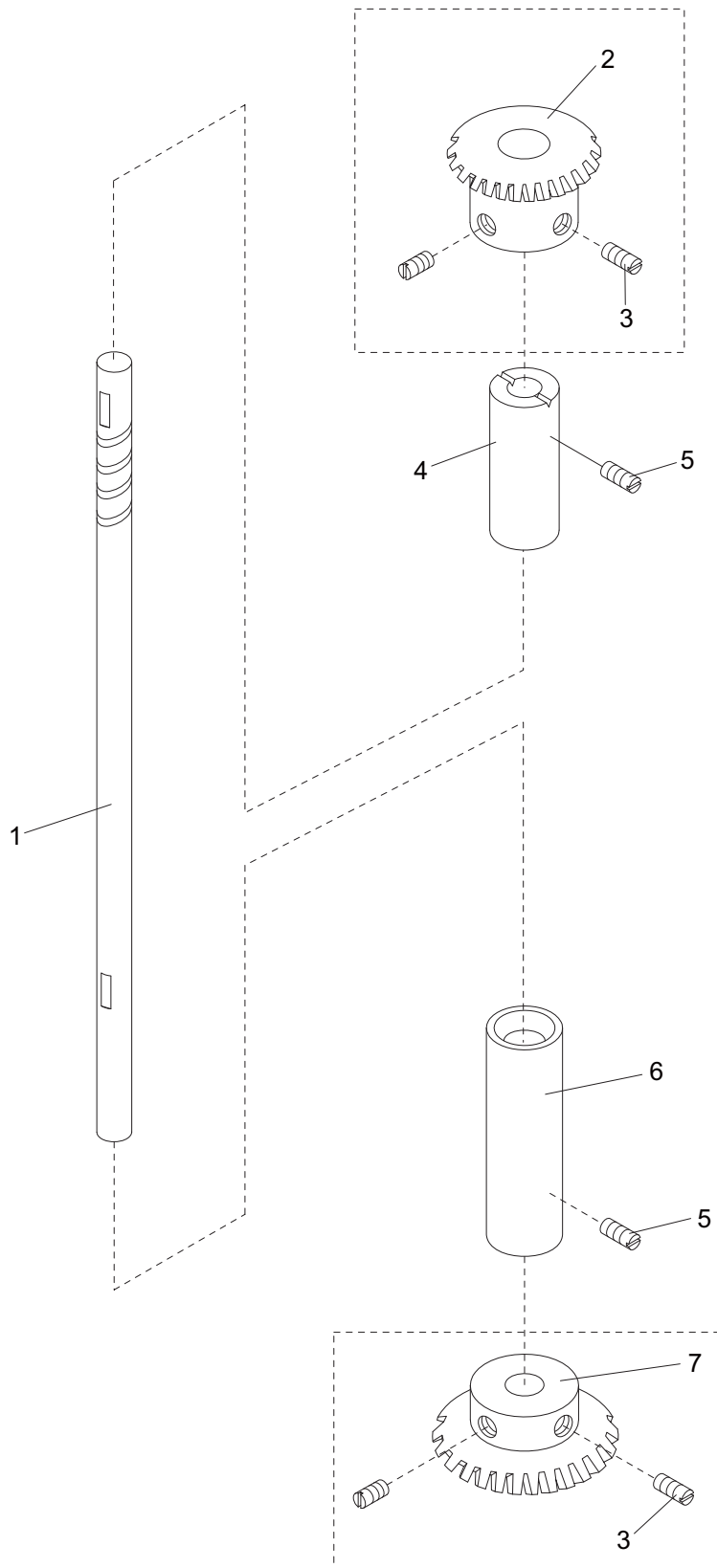
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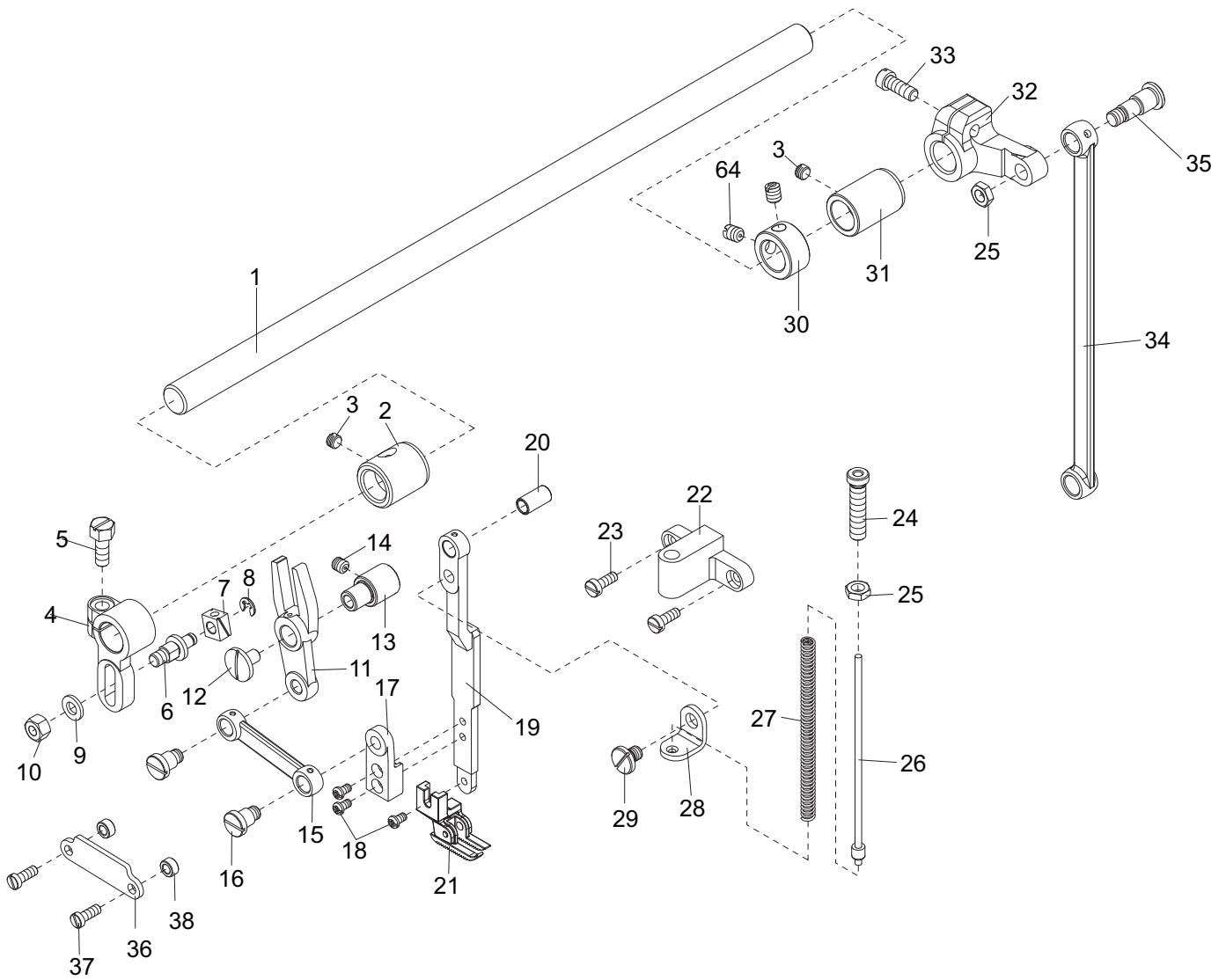
Upper Shaft Mechanism 상축관계





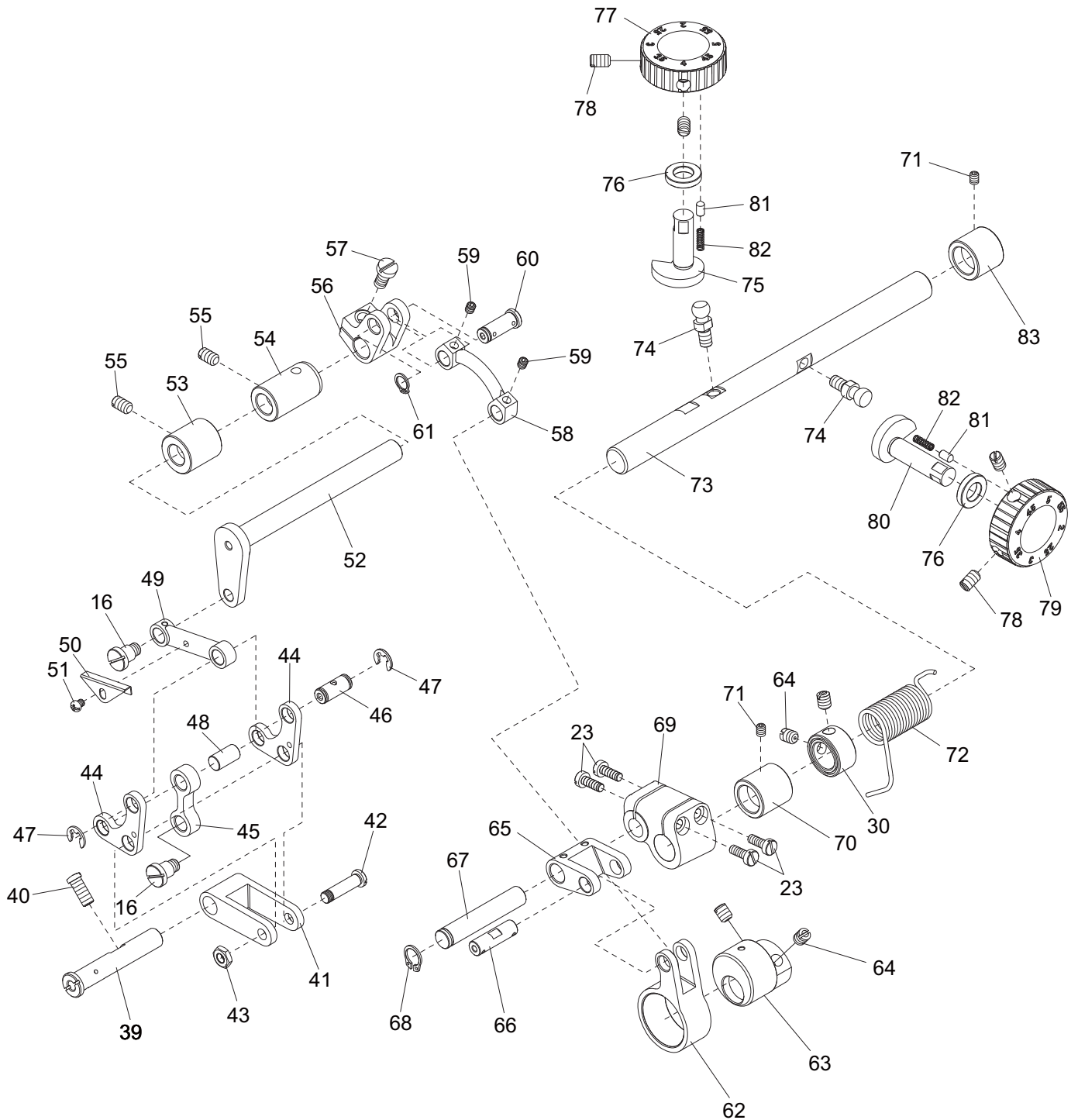
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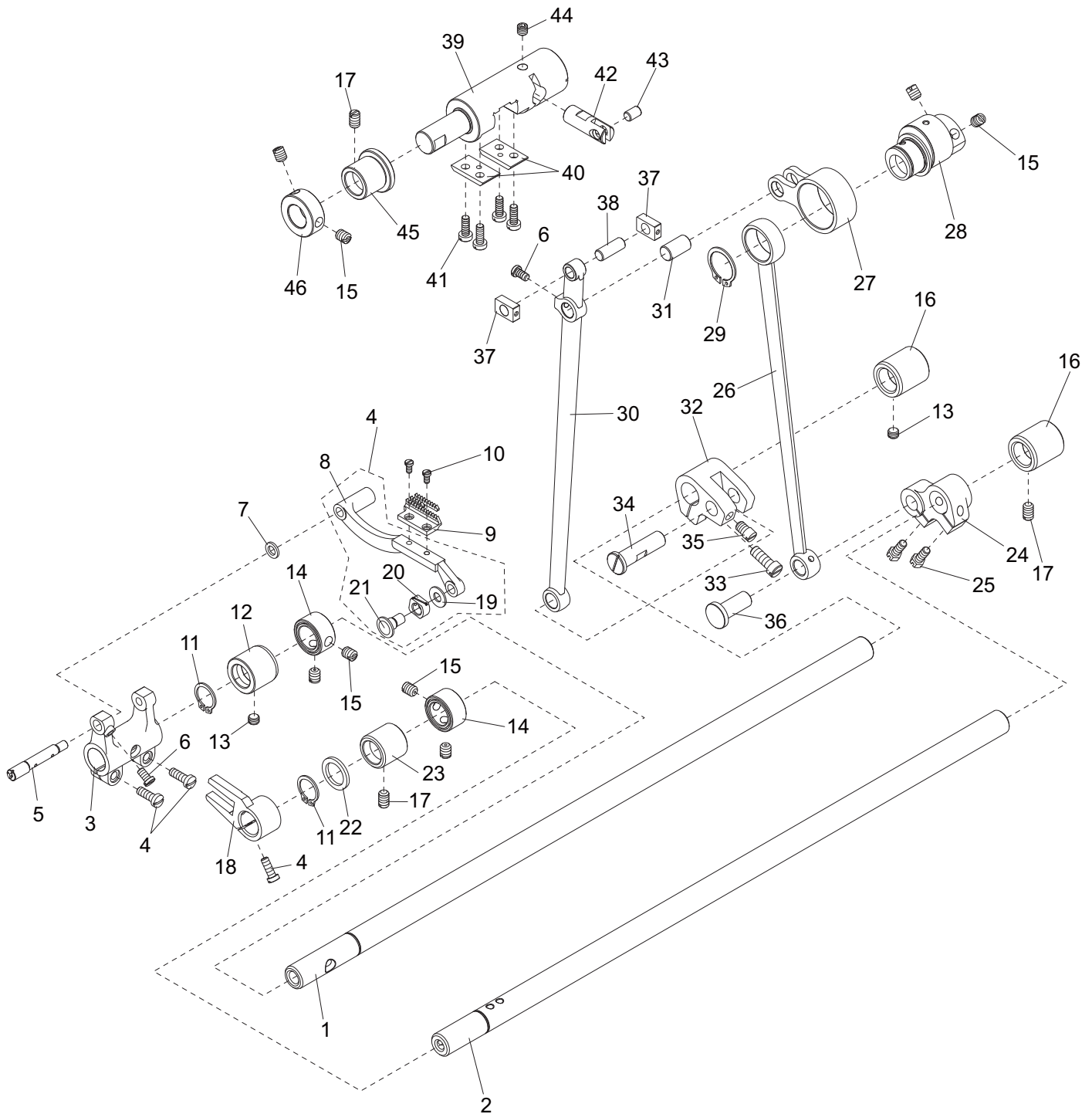




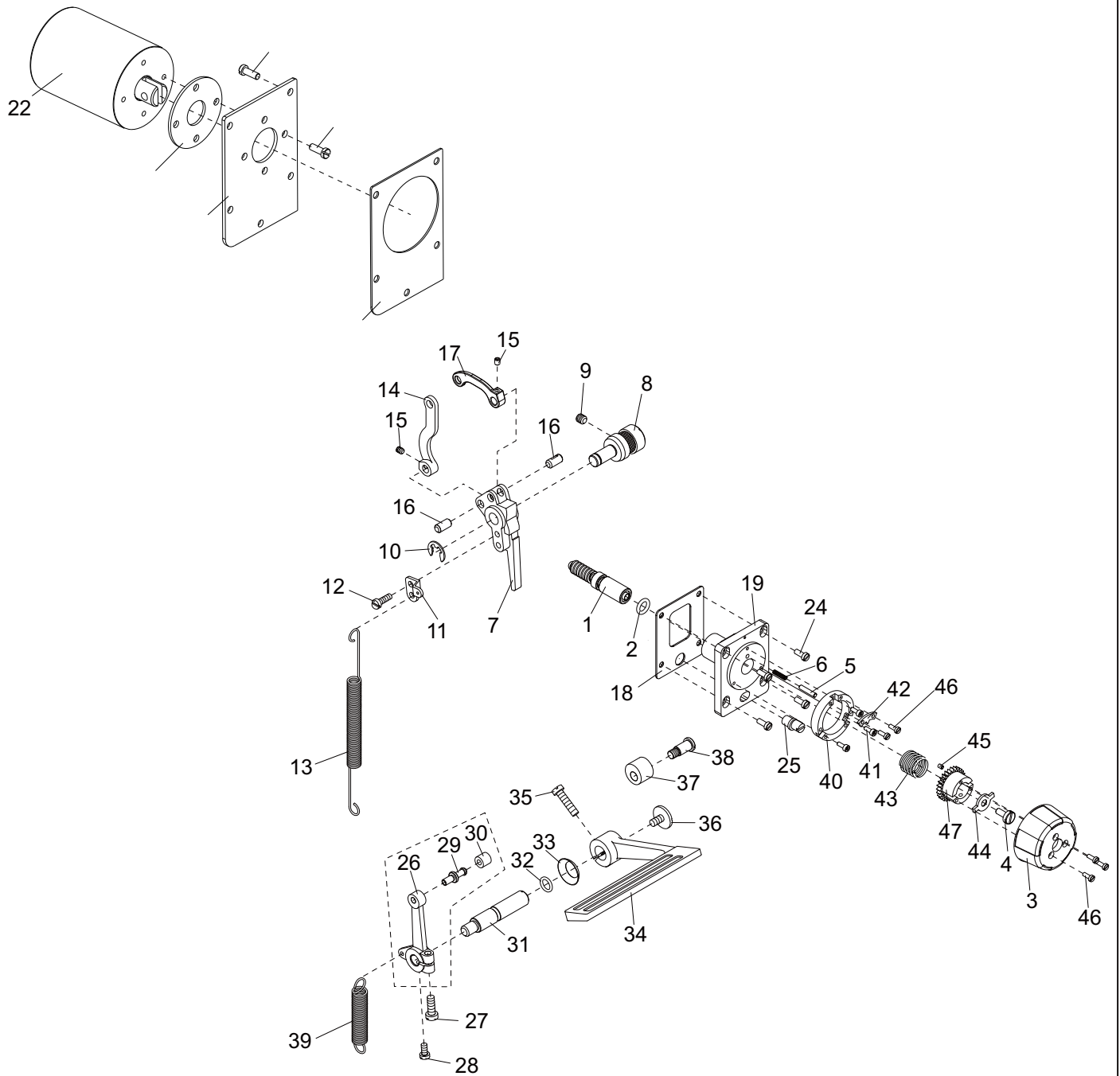
Ref No	Part No.	Part Name	품 명	Application date	Interchangeability	Hardware	Q'ty	Remarks
1	CUF-KC000501	Upper Feed Rock Shaft	노루발수평운동축				1	
2	DBS-DA018500	Bushing	일반형부싱				1	
3	DSC-CA001700	Set Screw	홈볼이멈춤나사				2	
4	CUF-CB001300	Upper Feed Rock Adjusting Crank	노루발수평운동조절크랭크				1	
5	DSC-AA002900	Bolt	육각볼트				1	
6	CUF-KZ000100	Upper Feed Rock Adjusting Shaft	노루발수평운동조절축				1	
7	CUF-CD000100	Upper Feed Rocking Block	노루발수평운동블록				1	
8	PSR-AC000300	E-Ring	E형멈춤링				1	
9	DWS-AA014400	Washer	원형평와셔				1	
10	DSN-AA000500	Nut	육각너트				1	
11	CUF-CA001100	Upper Feed RockingLink	노루발수평운동링크				1	
12	DSC-BJ005200	Screw	동근납작작은나사				1	
13	DPN-BC003500	Pin	다단핀				1	
14	DSC-CB000500	Set Screw	육각구멍볼이멈춤나사				1	
15	CUF-CC001200	Upper Feed Rocking Rod	노루발수평운동로드				1	
16	DSC-FA016600	Hinge Screw	납작단나사				4	
17	CUF-BF000200	Upper Feed Lever Holder	노루발운동레버홀더				1	
18	DSC-BJ001400	Screw	동근납작작은나사				3	
19	CUF-CM000200	Upper Feed Presser Bar	상피이드노루발대				1	
20	DPN-AA011700	Pin	평행핀				1	
21	CGA-GC002301	Main Presser Foot	주노루발				1	
22	CUF-BA000400	Pressure Adjusting Screw Base	노루발압력조절나사베이스				1	
23	DSC-BF003100	Screw	납작작은나사				6	
24	DSC-BF013800	Screw	납작작은나사				1	
25	DSN-AA002200	Nut	육각너트				2	
26	Z1-M-2008-00	Presser Adjusting Bar	노루발압력조절봉				1	
27	DSP-AA008700	Compression Spring	압축코일스프링				1	
28	CUF-BA000500	Pressure Adjusting Spring Base	노루발압력조절스프링베이스				1	
29	DSC-FA016800	Hinge Screw	납작단나사				1	
30	DCL-AA006400	Collar	고정나사형 칼라				2	
31	DBS-DA020500	Bushing	일반형부싱				1	
32	CUF-CB001200	Upper Feed Rock Shaft Crank	노루발수평운동축크랭크				1	
33	DSC-BF002900	Screw	납작작은나사				1	
34	CUF-CC001300	Upper Feed Lever Rod	노루발운동레버로드				1	
35	DSC-GA001000	Hinge Screw	이단납작단나사				1	
36	CUF-BJ000100	Upper Feed Lever Guide	노루발운동레버가이드				1	
37	DSC-BJ000400	Screw	동근납작작은나사				2	
38	DCL-BB002200	Space Collar	외륜용스페이스				2	
39	CUF-KG000200	Upper Feed Lever Rock Crank Shaft	노루발운동레버요동크랭크축				1	
40	DSC-BA002800	Screw	냄비작은나사				1	
41	CUF-CB001100	Upper Feed Lever Rock Crank	노루발운동레버요동크랭크				1	
42	DSC-FA016700	Hinge Screw	납작단나사				1	
43	DSN-AA000700	Nut	육각너트				1	
44	CUF-CA000900	Upper Feed Connecting Link	상피이드연결링크				2	
45	CUF-CA001000	Presser Bar Bracket Connecting Link	누름대브래킷연결링크				1	
46	DPN-AA012000	Pin	평행핀				1	
47	PSR-AC0005000	E-Ring	E형멈춤링				2	
48	DPN-AA011800	Pin	평행핀				1	
49	CUF-CC001100	Upper Feed Driving Rod	노루발상하운동로드				1	
50	CLB-BG004700	Oil Wick Holder	유심잡이				1	

Upper Feed Mechanism 상피이드관계

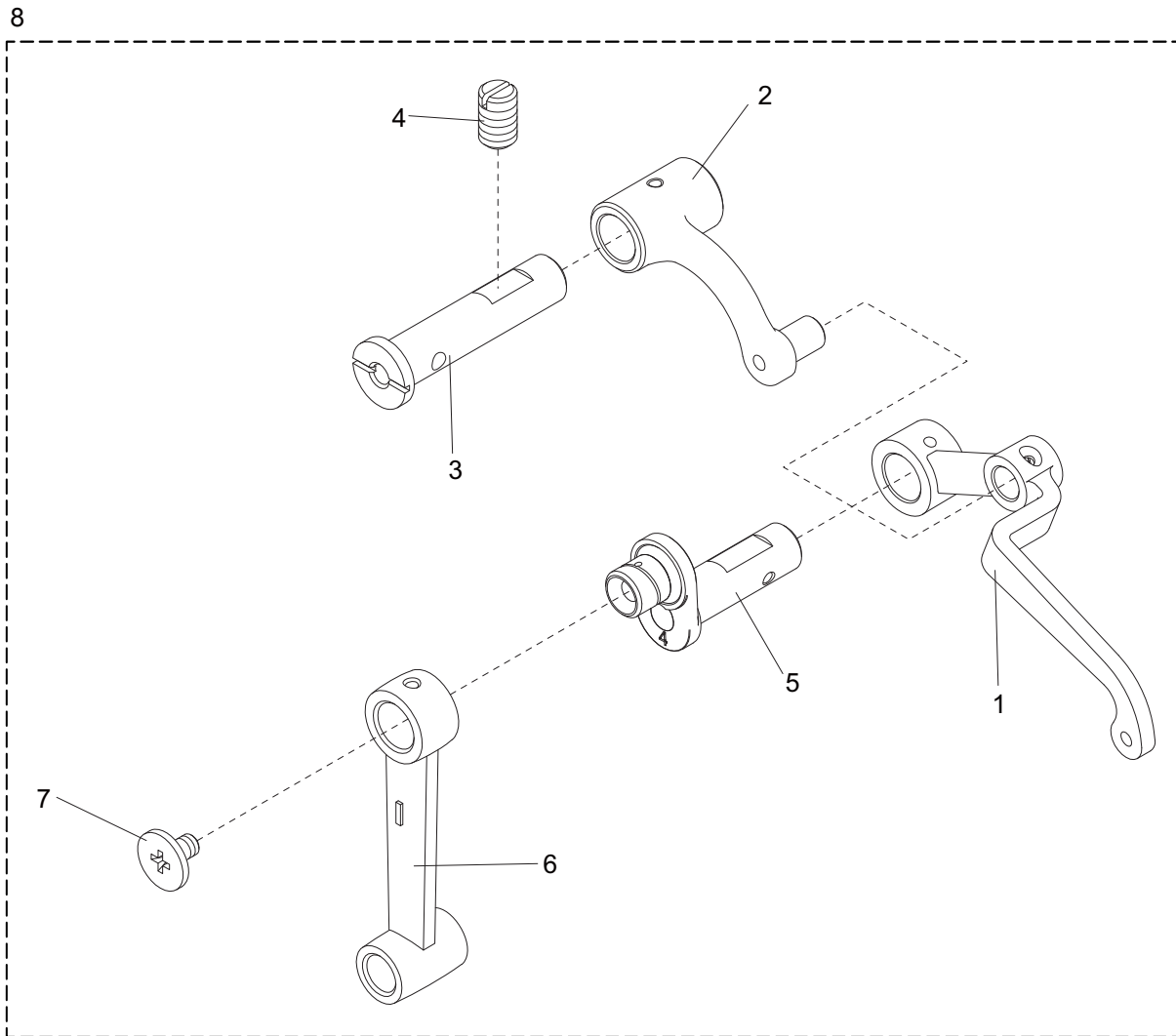




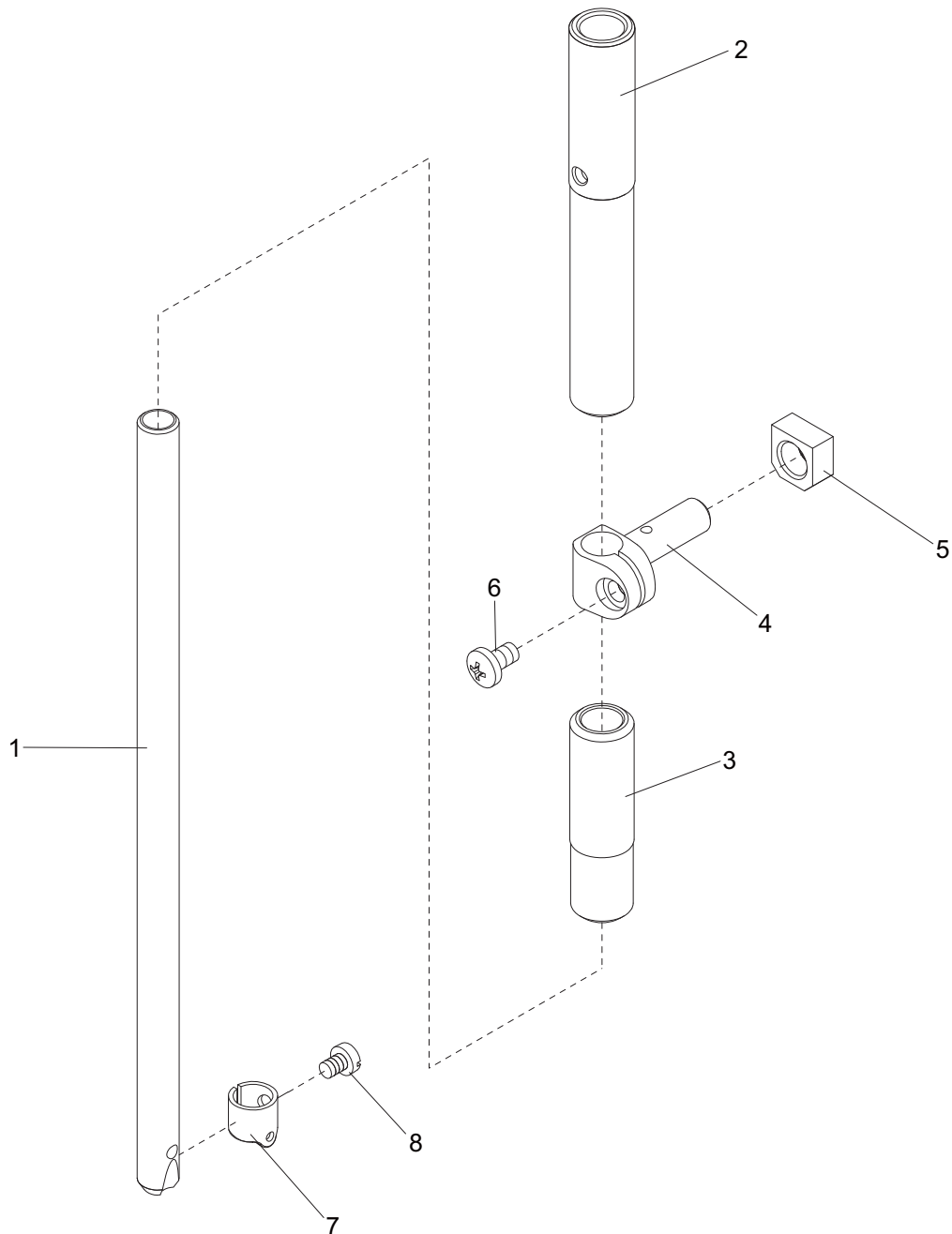
Ref .No	Part No.	Part Name	품 명	Application date	Interchang eability	Hard ware	Q'ty	Remarks
1	CLF-KC001100	Feed Rock Shaft	수평밀대				1	
2	CLF-KC001201	Feed Lifting Shaft	들대				1	
3	CLF-CB001800	Feed Base Crank	톱니받침크랭크				1	
4	DSC-BJ005100	Screw	동근납작작은나사				2	
5	CLF-KH000400	Feed Base Crank Shaft	톱니받침크랭크축				1	
6	DSC-BF003600	Screw	납작작은나사				2	
7	DWS-AA001500	Washer	원형평와셔				1	
8	CLF-BA000500	Feed Base	톱니받침				1	
9	CGA-GB001500	Feed Dog	톱니				1	
10	DSC-BF001800	Screw	납작작은나사				2	
11	PSR-AA000200	C-Ring	C형(축용) 멈춤링				2	
12	DBS-DA017900	Bushing	일반형부싱				1	
13	DSC-CA000800	Set Screw	홈볼이멈춤나사				2	
14	DCL-AA006400	Collar	고정나사형칼라				2	
15	DSC-CA000500	Set Screw	홈볼이멈춤나사				8	
16	DBS-DA018500	Bushing	일반형부싱				2	
17	DSC-CA000800	Set Screw	홈볼이멈춤나사				3	
18	Z1-M-2010-00	Feed Lifting Shaft Crank(F)	피드올림축 크랭크(F)				1	
19	Z1-M-2011-00	Washer	와셔				1	
20	Z1-M-2012-00	Feed Bar Block	피드대 블록				1	
21	Z1-M-2013-00	Feed Bar Block Shaft	비드대 블록축				1	
22	DWS-AA015100	Washer	원형평와셔				1	
23	DBS-DA020900	Bushing	일반형부싱				1	
24	CLF-CB002600	Feed Lifting Shaft Crank(R)	들대크랭크 (후)				1	
25	DSC-AA003000	Bolt	육각볼트				2	
26	CLF-CC001100	Crank Rod	크랭크로드				1	
27	CLF-CC001000	Feed Cam Connecting Rod	피이드캠연결로드				1	
28	CLF-DC001300	Feed Cam	피이드캠				1	
29	PSR-AA000100	C-Ring	C형(축용) 멈춤링				1	
30	CLF-CC001500	Feed Connecting Rod	피이드연결로드				1	
31	DPN-AA012500	Pin	평행핀				1	
32	CLF-CB002000	Feed Rock Crank(R)	수평밀대크랭크 (후)				1	
33	DSC-BF002900	Screw	납작작은나사				1	
34	DPN-AD008300	Pin	헤드볼이핀				1	
35	DSC-BF000400	Screw	납작작은나사				1	
36	DPN-AD008000	Connecting Pin	크랭크롯드연결핀				1	
37	CLF-BK000200	Slide Block	슬라이드블록				2	
38	DPN-AA011500	Pin	평행핀				1	
39	CLF-KK000401	Feed Regulator Shaft	절환기				1	
40	CLF-BJ0014000	Guide Plate	가이드판				2	
41	DSC-BF003600	Screw	납작작은나사				4	
42	DPN-AA013700	Pin	평행핀				1	
43	DPN-AA012600	Pin	평행핀				1	
44	DSC-CA000800	Set Screw	홈볼이멈춤나사				1	
45	DBS-DA019900	Bushing	일반형부싱				1	
46	DCL-AA000102	Collar	고정나사형칼라				1	
47	Z1-M-2014-00	Screw	납작 작은나사				1	
48	Z1-M-2015-00	Feed Base ASM	피드 베이스(조)				1	



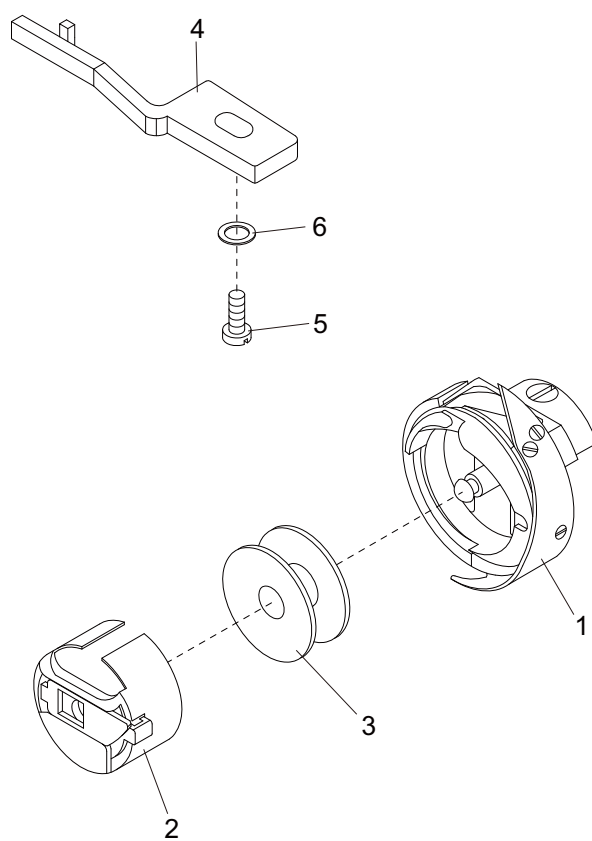
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1	CFA-KJ002501	Feed Adjusting Dial Shaft	피이드조절다이알축				1	
2	PPK-BA001600	O-Ring	운동용(P) 오링				1	
3	CFA-BK000600	Feed Regulator Dial	피이드 조절 다이알				1	
4	DSC-BF001900	Screw	납작작은나사				1	
5	Z1-M-2016-00	Pin	평행핀				1	
6	DSP-AA008600	Compression Spring	압축코일스프링				1	
7	CFA-DF000700	Feed Regulator	피이드조절기				1	
8	CFA-KF000601	Feed Adjusting Shaft	피이드조절축				1	
9	DSC-CB000400	Set Screw	육각구멍볼이멈춤나사				1	
10	PSR-AC000900	E-Ring	E형멈춤링				1	
11	CFA-BF000200	Spring Holder	스프링홀더				1	
12	DSC-BF003600	Screw	납작작은나사				12	
13	DSP-AB004200	Extension Spring	인장코일스프링				1	
14	CLF-CC001600	Feed Regulator Shaft Connecting Rod	절환기연결로드				1	
15	PSC-CB000200	Set Screw	육각구멍볼이멈춤나사				2	
16	DPN-AA011600	Pin	평행핀				2	
17	GP-031513-00	Reverse Feed Solenoid Crank	역진솔레노이드크랭크				1	
18	CMB-FC012800	Hinge Gasket	힌지 가스켓				1	
19	CFA-BC000300	Feed Adjusting Body	피이드 조절 몸체				1	
20	06-193M-64L7	Solenoid Bracket Gasket	솔레노이드브래킷개스킷				1	
21	06-092A-64L7	Solenoid Bracket	역진 솔레노이드 브라켓				1	
22	Z1-M-2017-00	Pull/Push Solenoid	풀/푸시솔레노이드				1	
23	CFA-FC000100	Solenoid Gasket	솔레노이드개스킷				1	
24	Z1-M-1186-00	Screw	납작작은나사				4	
25	DPN-BC012500	Pin	다단핀				1	
26	DSC-BF001000	Screw	납작작은나사				1	
27	DSC-BA000400	Screw	냄비작은나사				1	
28	DSC-BF003100	Screw	납작작은나사				1	
29	DPN-BC003900	Pin	다단핀				1	
30	CFA-CL000200	Reverse Feed Lever Crank Roller	역진레버크랭크롤러				1	
31	CFA-KF000700	Reverse Lever Shaft	역진레버축				1	
32	PPK-BA000700	O-Ring	운동용(P) 오링				1	
33	DWS-CB000200	Disc Spring Washer	접시스프링와셔				1	
34	CFA-CM001300	Reverse Feed Lever	역진레버				1	
35	DSC-BA001400	Screw	냄비작은나사				1	
36	DSC-BJ002400	Screw	둥근납작작은나사				1	
37	CFA-FZ000100	Reverse Lever Stopper Rubber	역진레버스토퍼고무				1	
38	DSC-FA006200	Hinge Screw	납작단나사				1	
39	DSP-AB003500	Return Spring	역진레버크랭크리턴스프링				1	
40	CFA-BF001500	Dial Shaft Holder Body	다이알축 홀더 몸체				1	
41	Z1-M-2018-00	Screw	둥근납작작은나사				3	
42	CFA-BB007200	Dial Shaft Stopper	다이알축 스토퍼				1	
43	DSP-AA027200	Return Spring	역진레버크랭크리턴스프링				1	
44	CFA-BB007100	Dial Shaft Stopper Handle	다이알축 스토퍼 핸들				1	
45	Z1-M-2019-00	Screw	둥근납작작은나사				1	
46	Z1-M-2020-00	Screw	둥근납작작은나사				5	
47	CFA-BF001400	Holder	다이알축 홀더				1	



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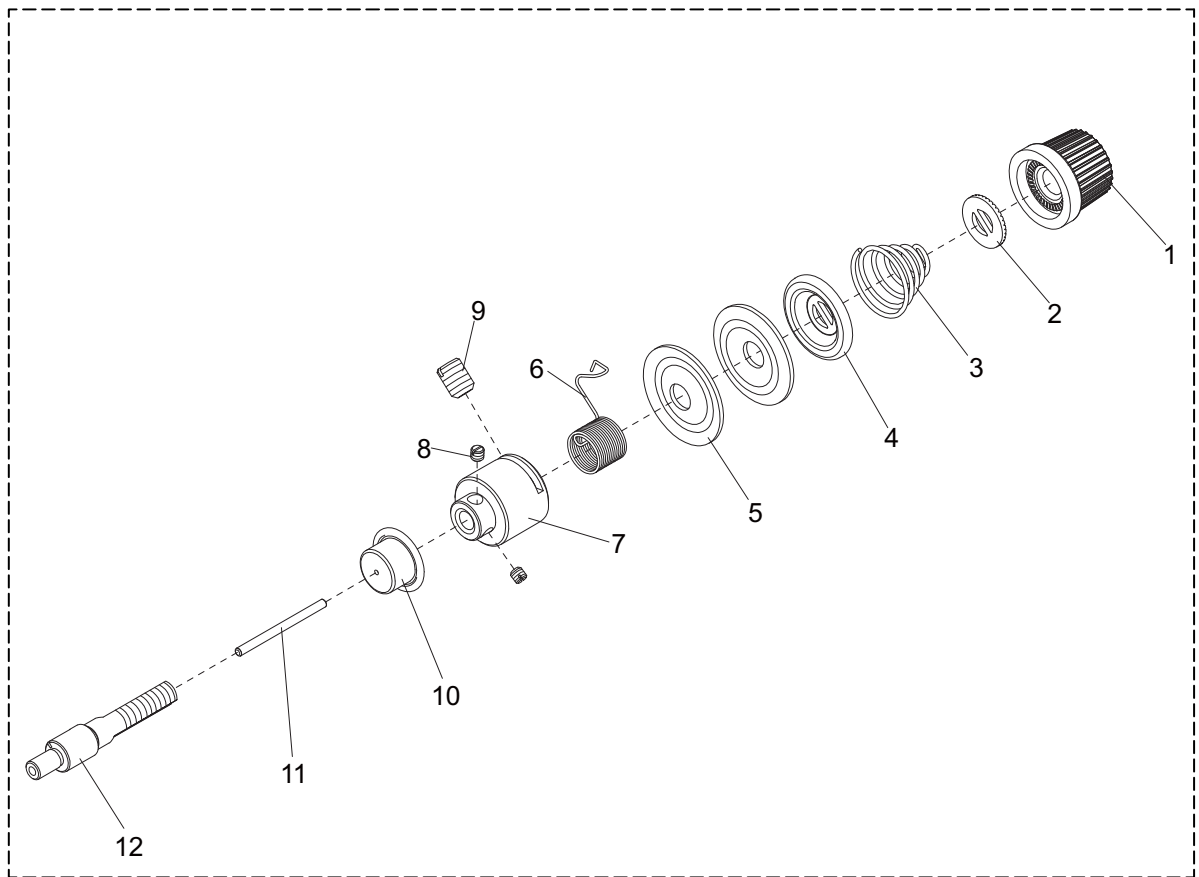


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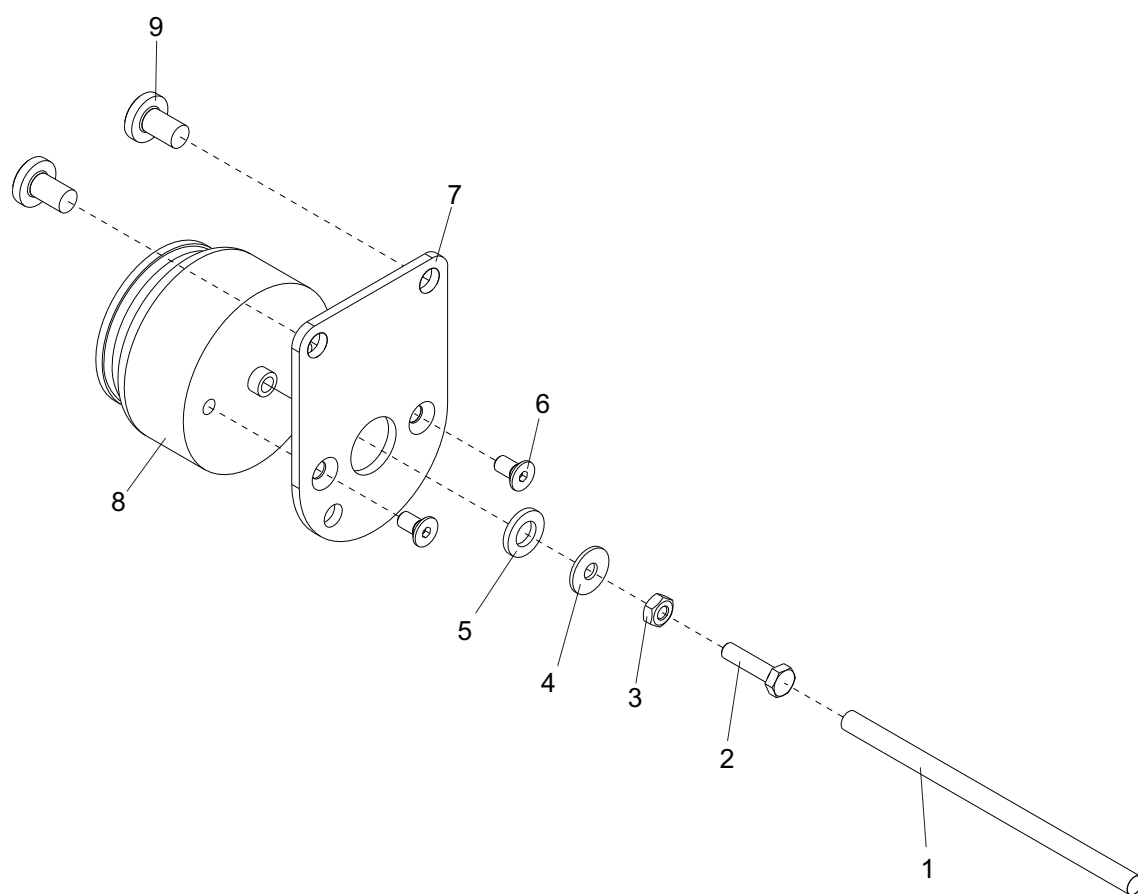


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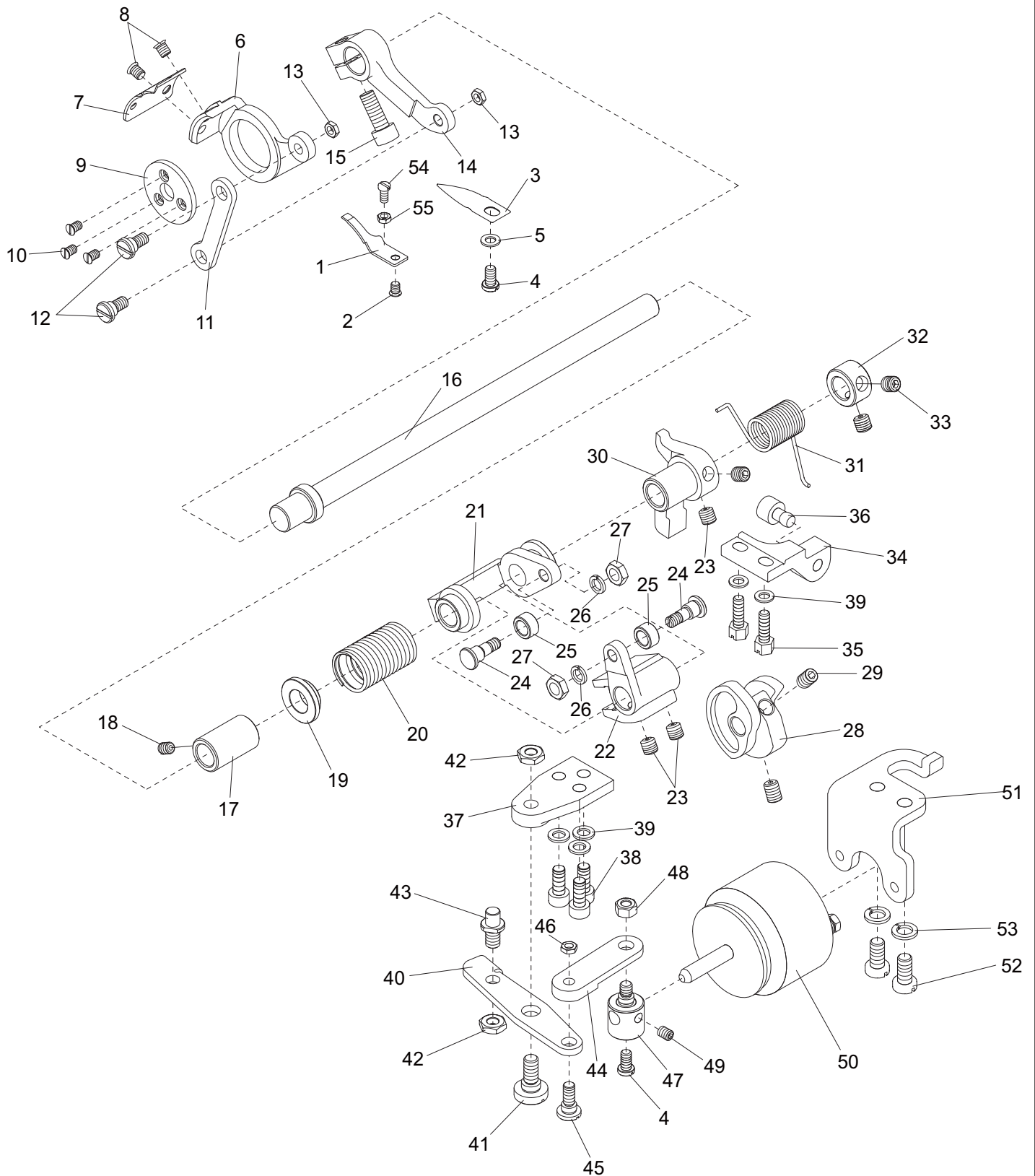


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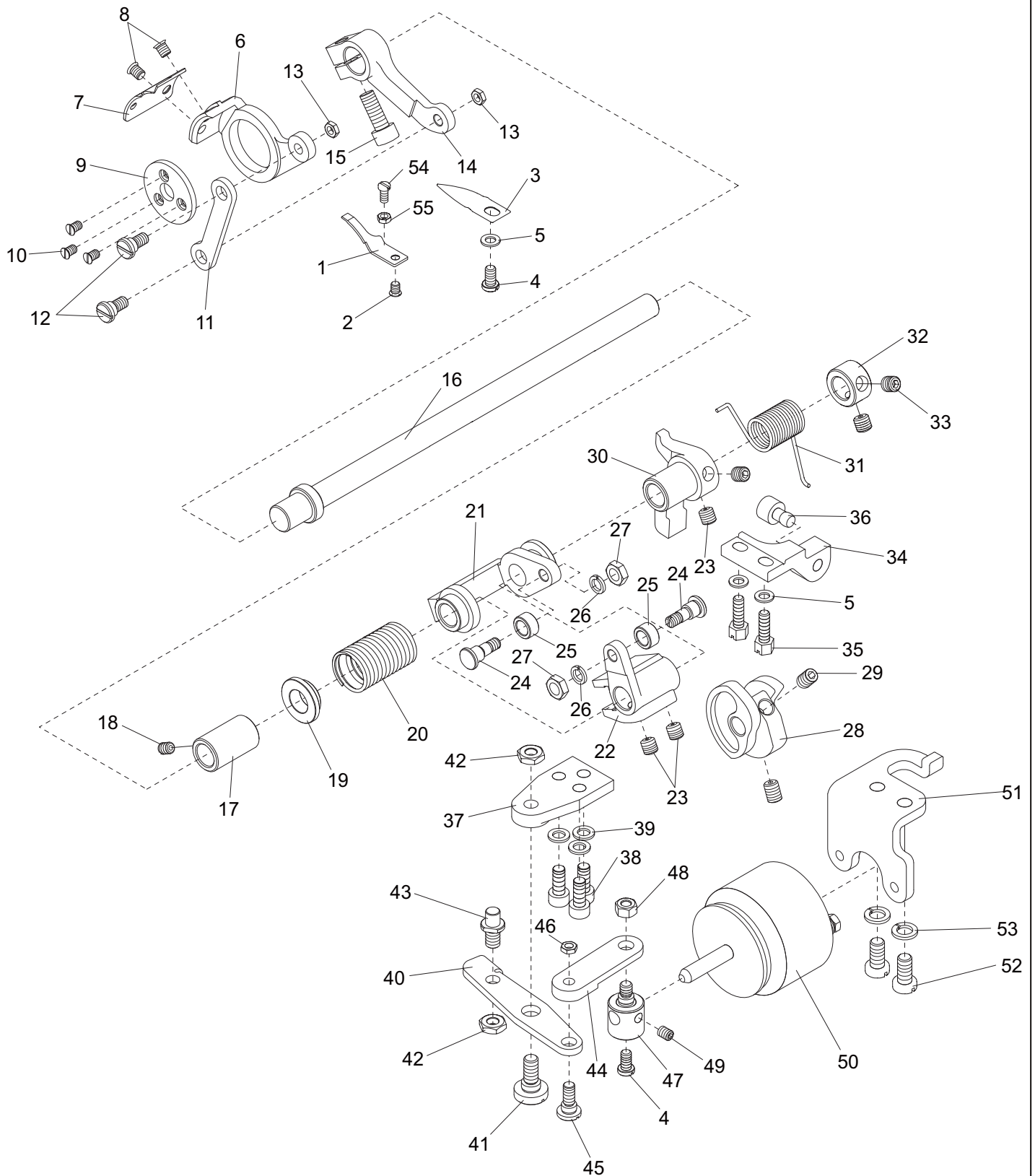


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Thread Trimming Mechanism 사절관계



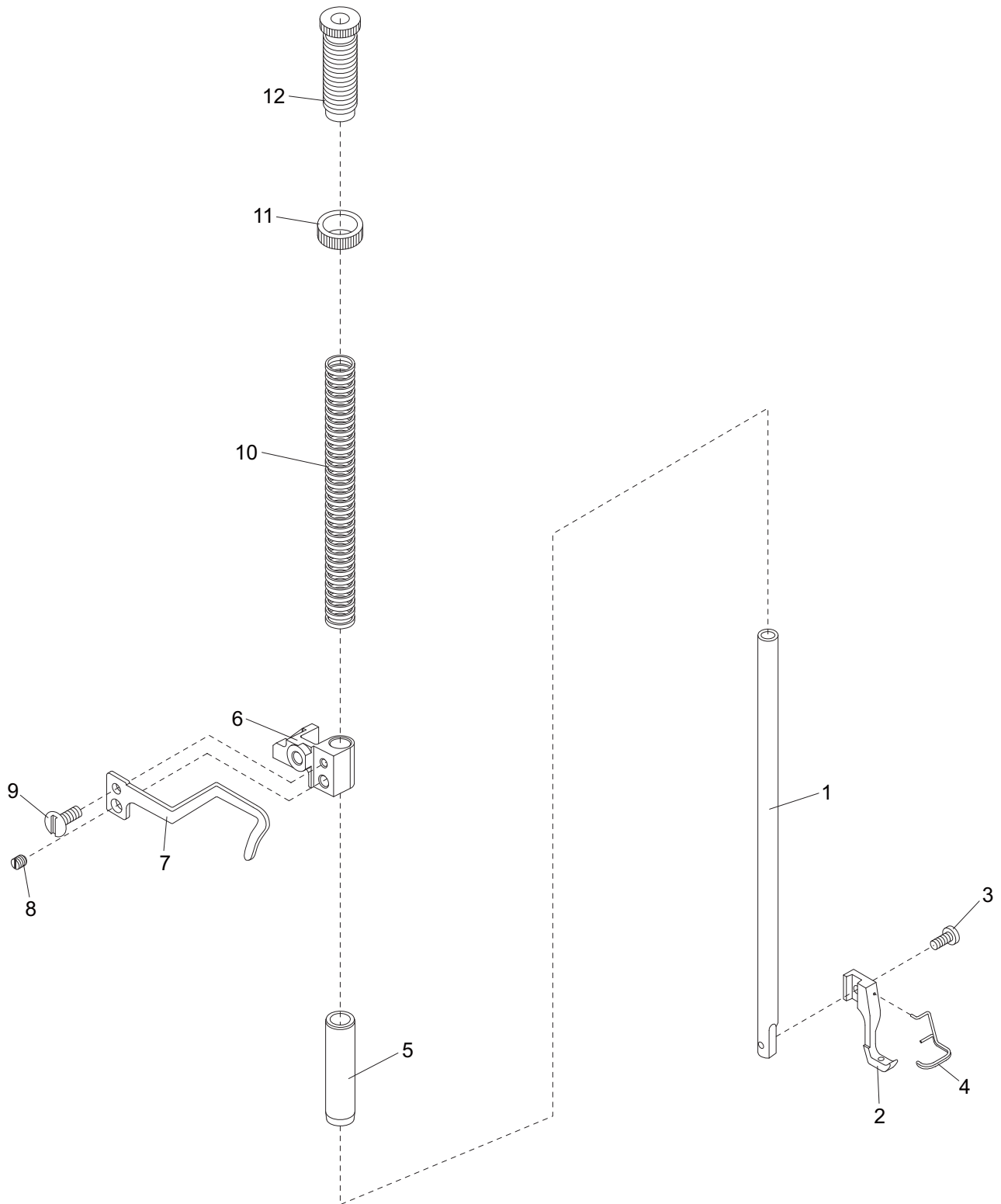
Ref .No	Part No.	Part Name	품 명	Application date	Interchangeability	Hardware	Q'ty	Remarks
1	CTT-NB001401	Fixed Mes	고정메스				1	
2	DSC-BB000800	Screw	접시작은나사				1	
3	CTT-BJ004200	Thread Retaining Plate	실가리개				1	
4	DSC-BF003600	Screw	납작작은나사				1	
5	DWS-AA003800	Washer	원형평와셔				1	
6	CTT-BF001400	Thread Trimming Holder	사절홀더				1	
7	CTT-NA001300	Moving Mes	동메스				1	
8	DSC-BB001400	Screw	접시작은나사				2	
9	CTT-LB000200	Thread Trimming Holder Cover	사절홀더커버				1	
10	DSC-BB002000	Screw	접시작은나사				3	
11	CTT-CA001200	Thread Trimming Lever Connecting Link	사절레버연결링크				1	
12	DSC-FA016400	Hinge Screw	납작단나사				2	
13	DSN-AA000600	Nut	육각너트				2	
14	CTT-CM002300	Thread Trimming Lever	사절레버				1	
15	DSC-BF001000	Screw	납작작은나사				1	
16	CTT-KF000600	Thread Trimming Shaft	사절축				1	
17	DBS-DA020000	Bushing	일반형부싱				1	
18	DSC-CA000300	Set Screw	홈볼이멈춤나사				1	
19	DBS-DB005900	Bushing	플렌지형부싱				1	
20	DSP-AA008500	Compression Spring	압축코일스프링				1	
21	CTT-CM002500	Slide Lever	슬라이드레버				1	
22	CTT-BF001300	Thread Trimming Stopper	사절스토퍼				1	
23	DSC-BJ000500	Screw	동근납작작은나사				4	
24	DSC-GA000400	Hinge Screw	이단납작단나사				2	
25	CTT-CL000300	Thread Trimming Cam Roller	사절캠롤러				2	
26	DWS-CA000100	Spring Washer	스프링와셔				2	
27	DSN-AA000600	Nut	육각너트				2	
28	CTT-DF000400	Thread Trimming Cam	사절캠				1	
29	DSC-CB000400	Set Screw	육각구멍볼이멈춤나사				2	
30	CTT-CM002400	Thread Trimming Stopper Lever	사절스토퍼레버				1	
31	DSP-AC00530100	Torsion Spring	비틀림코일스프링				1	
32	DCL-AA002800	Collar	고정나사형칼라				1	
33	DSC-CB002300	Set Screw	육각구멍볼이멈춤나사				2	
34	CTT-BB00290100	Thread Trimming Stopper	사절스토퍼				1	
35	DSC-BB000800	Screw	접시작은나사				2	
36	CTT-FD000300	Cushion Rubber	쿠션고무				1	
37	CTT-BJ004400	Thread Trimming Base	사절베이스				1	
38	DSC-AA003000	Bolt	육각볼트				3	
39	DWS-AA000600	Washer	원형평와셔				5	
40	CTT-CM002200	Clutch Lever	클러치레버				1	
41	DSC-FA016300	Hinge Screw	납작단나사				1	
42	DSN-AA000400	Nut	육각너트				2	
43	DSC-FG001400	Hinge Screw	무두받침단나사				1	
44	CTT-CA001400	Thread Trimming Connecting Link	사절연결링크				1	
45	DSC-FA016200	Hinge Screw	납작단나사				1	
46	DSN-AA000600	Nut	육각너트				1	
47	DPN-BC003600	Pin	다단핀				1	
48	PSN-AA000200	Nut	육각너트				1	
49	DSC-CA000400	Set Screw	홈볼이멈춤나사				1	
50	DSD-AA004700	Pull/Push Solenoid	풀/푸시솔레노이드				1	



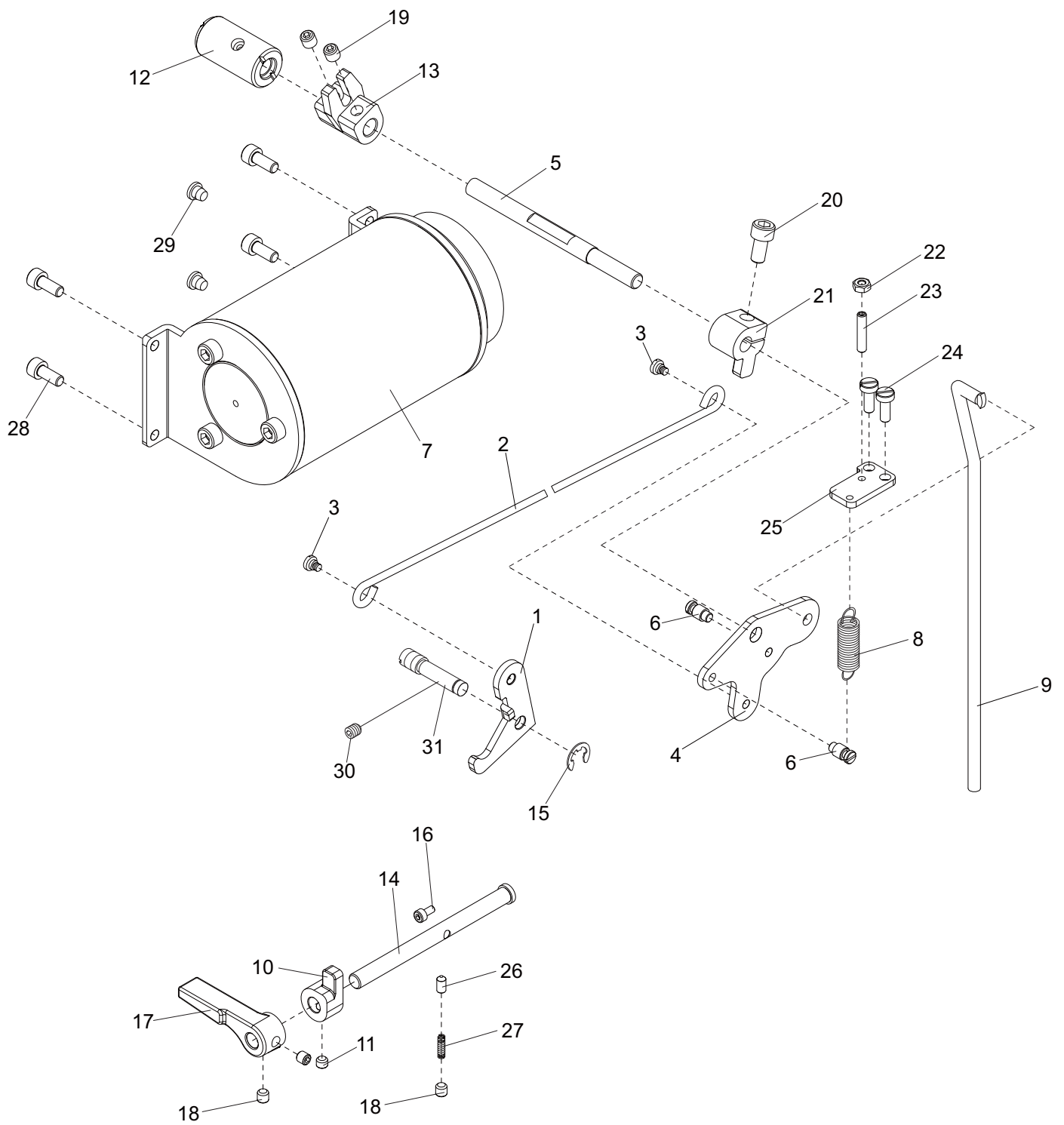
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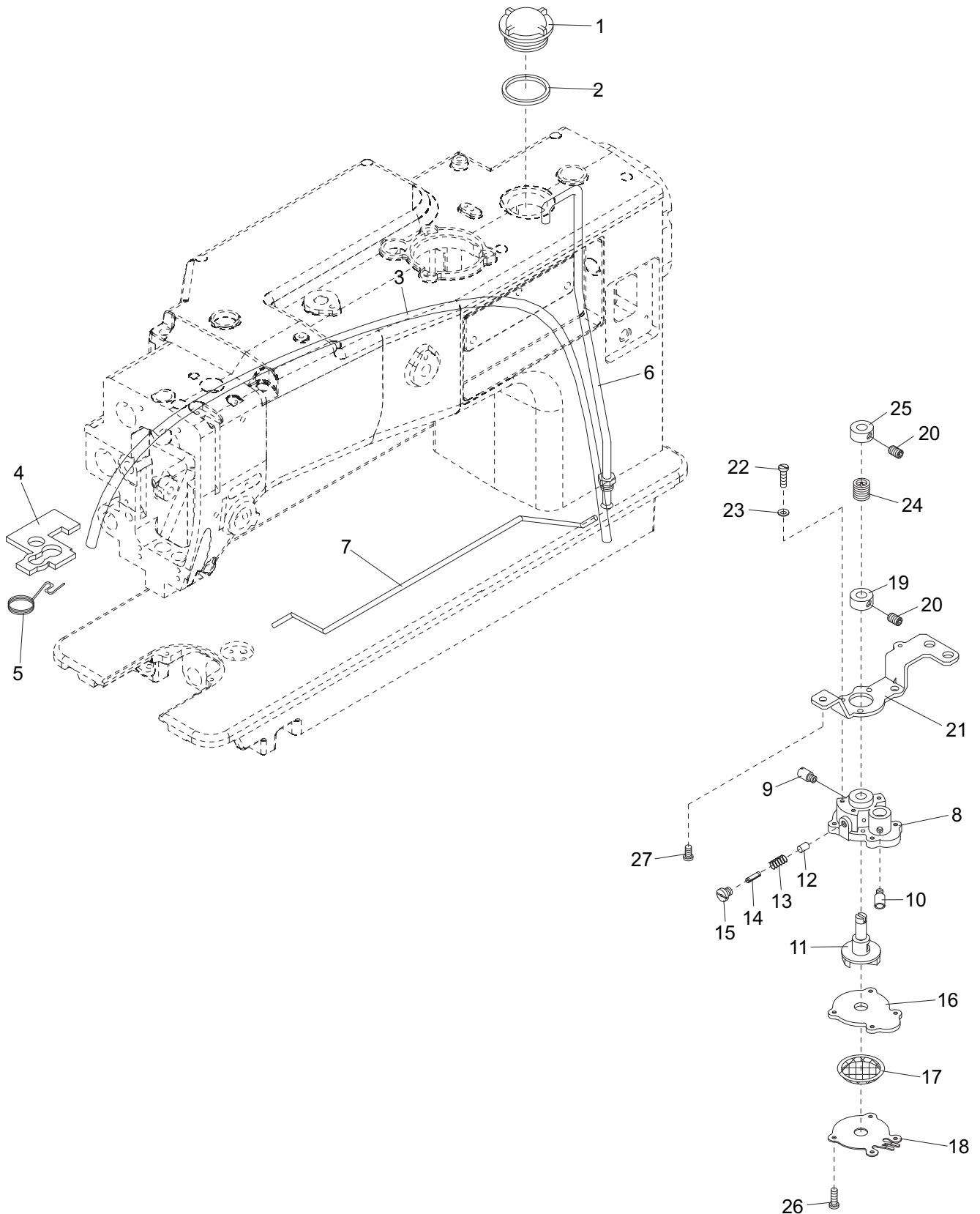
Presser Bar Mechanism

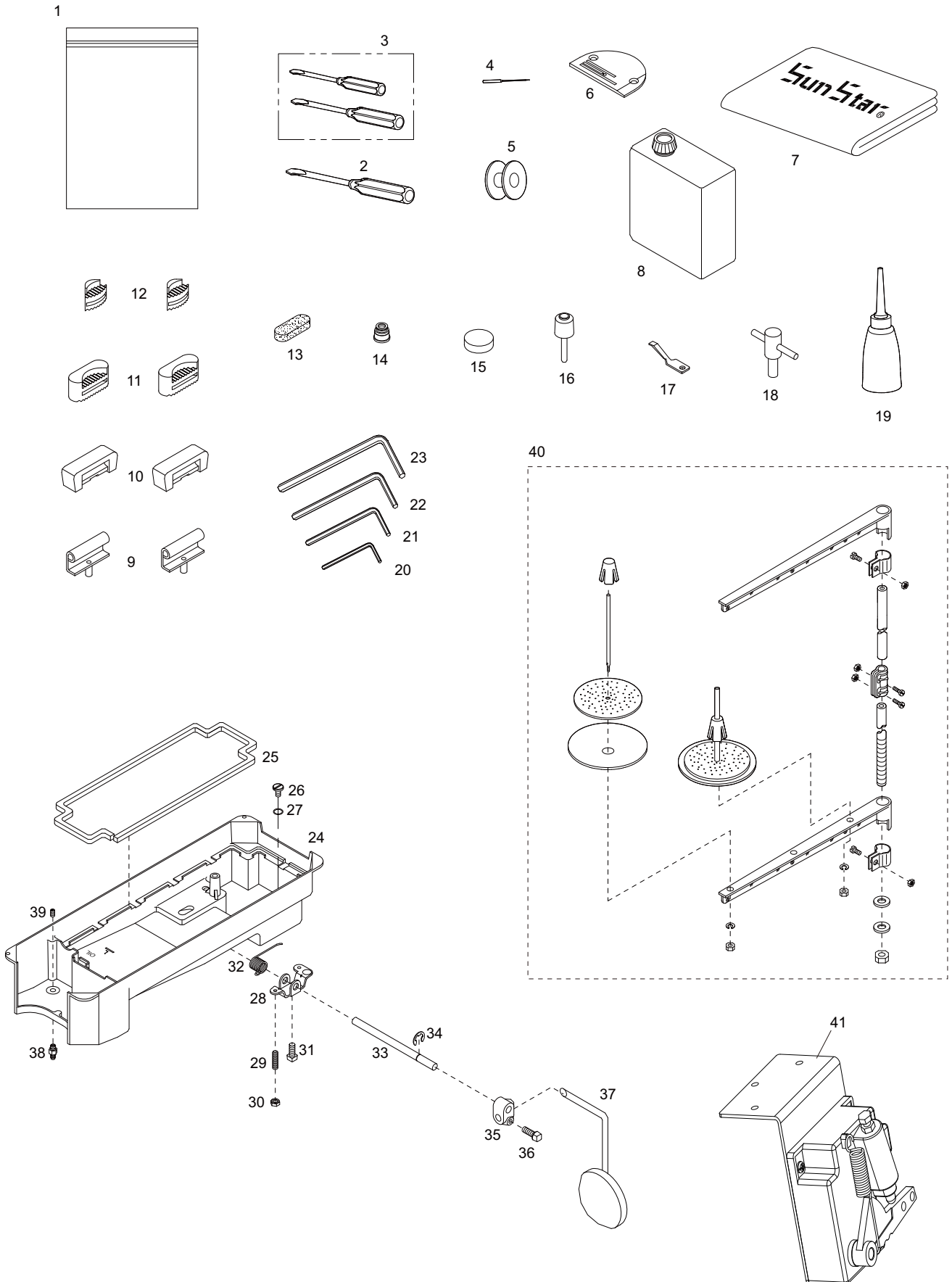
누름대관계

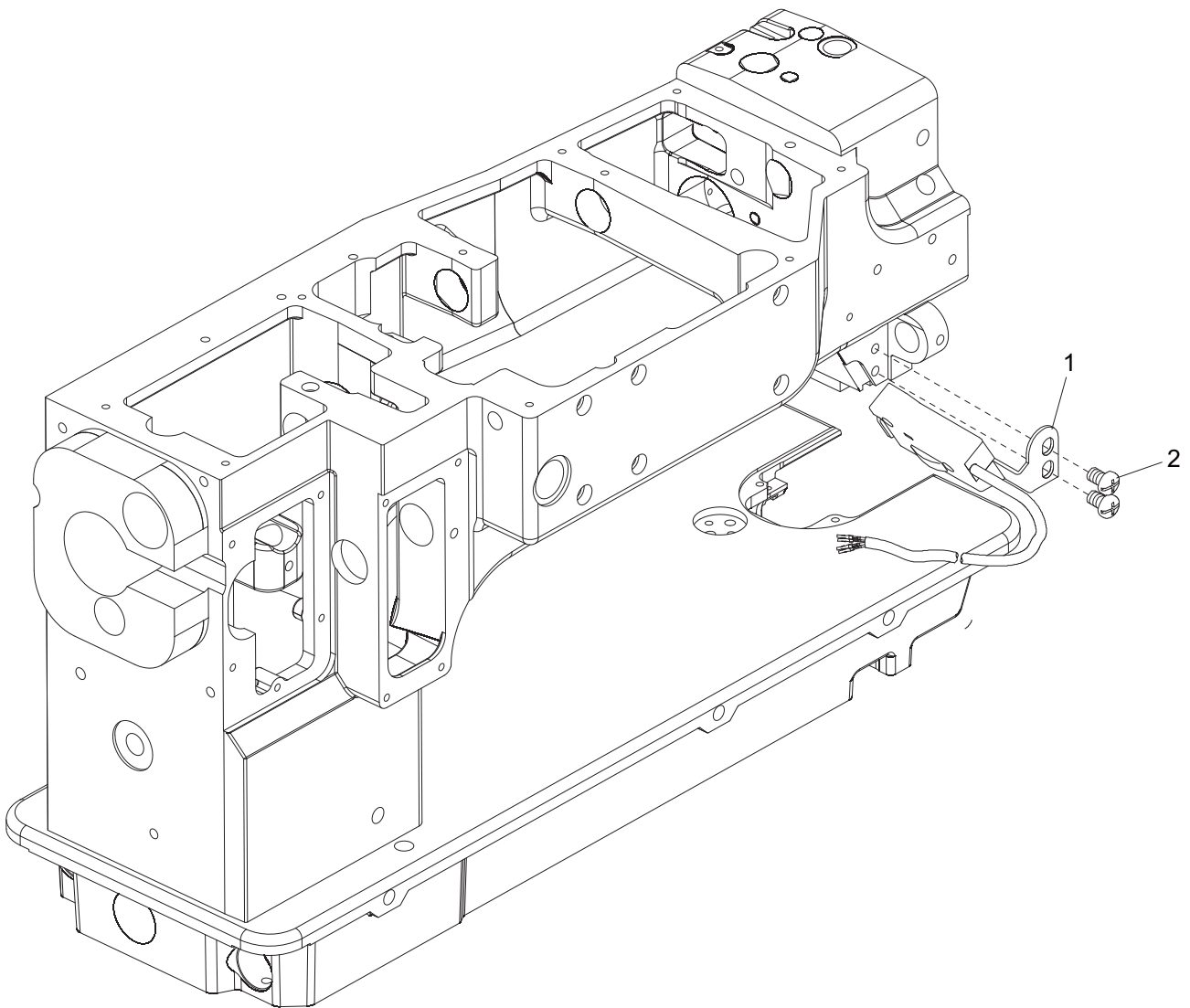


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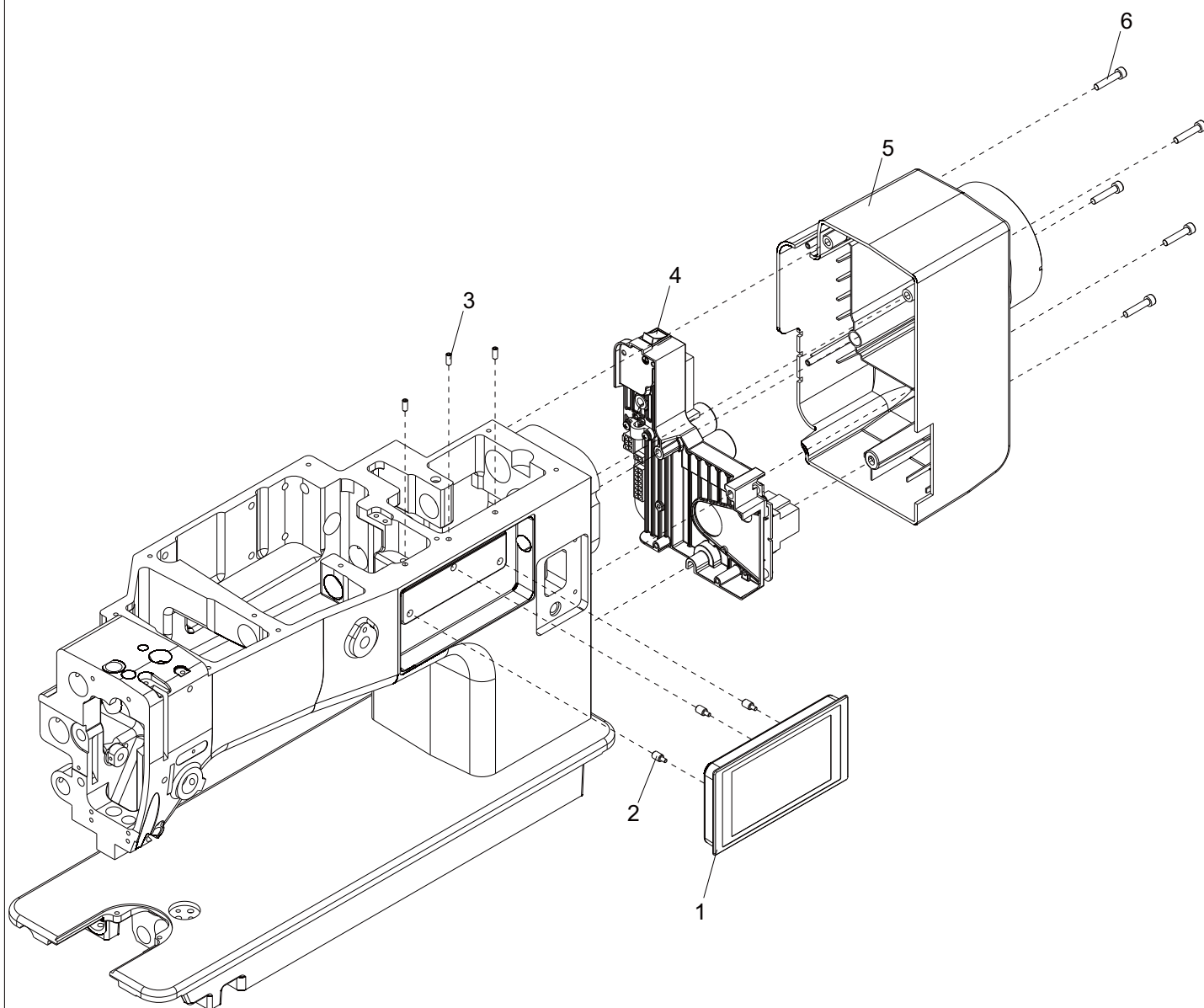








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