

Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

MODEL BEVT-S501CAII / S901CAII

PARTS LIST

BARUDAN CO., LTD.

20 Tsukagoshi Josuiji,
Ichinomiya-city, Aichi-pref., Japan
TEL <81>586-76-1137 FAX <81>586-77-1499
<http://www.barudan.co.jp/>

株式会社 バルダン

〒491-0004 愛知県一宮市定水寺塚越20番地
TEL (0586) 76-1137 (代) FAX (0586) 77-1499
<http://www.barudan.co.jp/>

BEVT-S501CA II / S901CA II

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

高速自動刺繍マシン

C O N T E N T S

目 次

Machine layout (BEVT-S501CA II)
配置図 (BEVT-S501CA II)

Machine layout (BEVT-S901CA II)
配置図 (BEVT-S901CA II)

00A Table・Frame A
テーブル・フレームA

00B Table・Frame B
テーブル・フレームB

00C Table・Frame C
テーブル・フレームC

01 Head・Bed
ヘッド・ベッド

02A Thread cut A
糸切りA

02B Thread cut B
糸切りB

02C Thread cut C
糸切りC

02D-1 Thread cut D (S5)
糸切りD (S5)

02D-2 Thread cut D (S9)
糸切りD (S9)

03 Take up lever
天秤

04A-1 Needle bar A (S5)
針棒A (S5)

04A-2 Needle bar A (S9)
針棒A (S9)

04B Needle bar B
針棒B

04C Needle bar C
針棒C

04D-1 Needle bar D (S5)
針棒D (S5)

04D-2 Needle bar D (S9)
針棒D (S9)

04E-1 Needle bar E (S5)
針棒E (S5)

04E-2 Needle bar E (S9)
針棒E (S9)

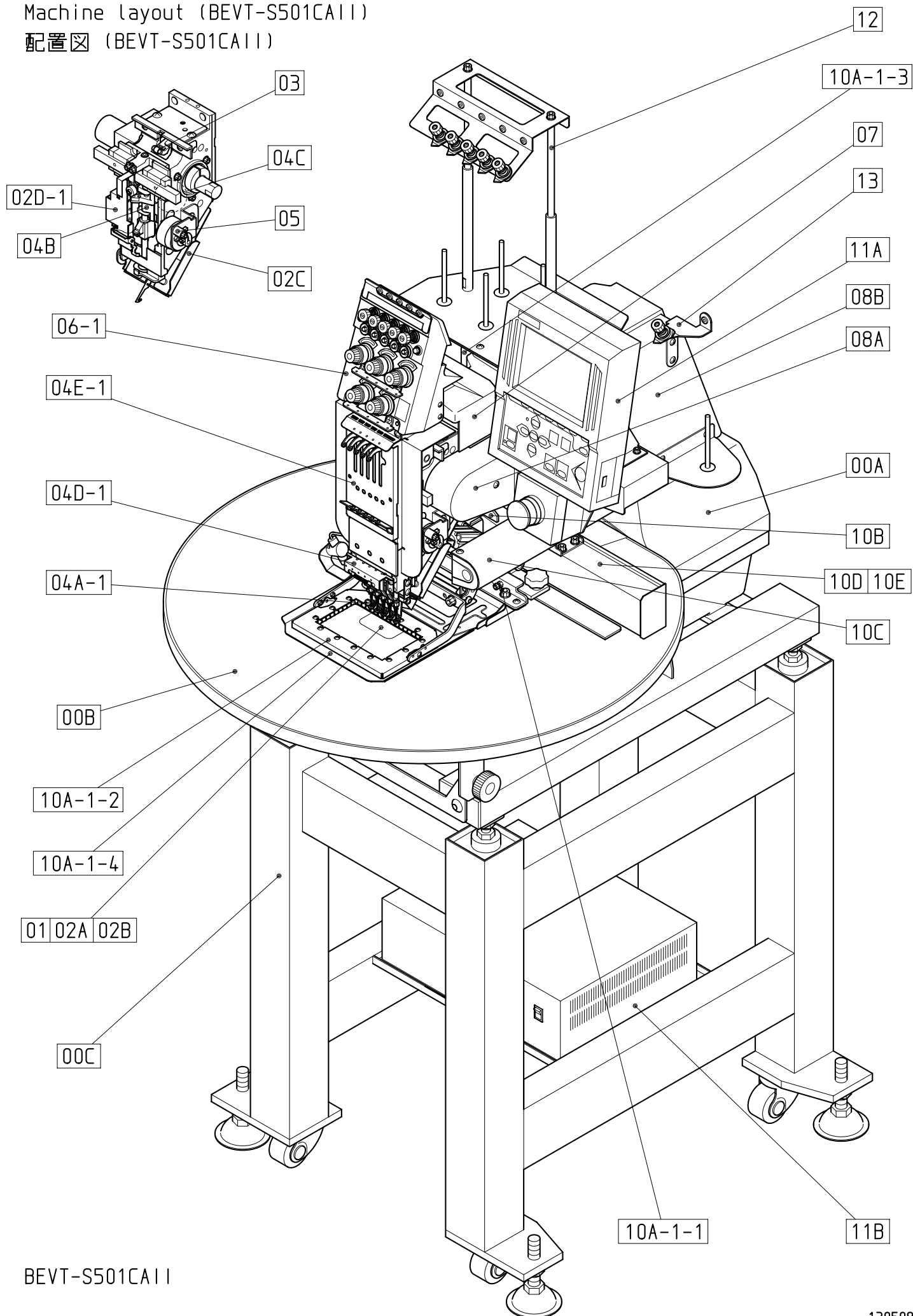
05 Jump
ジャンプ

- 06-1 Thread guide (S5)
糸道 (S 5)
- 06-2 Thread guide (S9)
糸道 (S 9)
- 07 Color change
色換え
- 08A Drive A
駆動A
- 08B Drive B
駆動B
- 10A-1-1 Pantograph drive A (S5)
枠駆動A (S 5)
- 10A-1-2 Pantograph drive A (S5)
枠駆動A (S 5)
- 10A-1-3 Pantograph drive A (S5)
枠駆動A (S 5)
- 10A-1-4 Pantograph drive A (S5)
枠駆動A (S 5)
- 10A-2 Pantograph drive A (S9)
枠駆動A (S 9)
- 10A-3 Pantograph drive A (S9)
枠駆動A (S 9)
- 10B Pantograph drive B
枠駆動B
- 10C Pantograph drive C
枠駆動C
- 10D Pantograph drive D
枠駆動D
- 10E Pantograph drive E
枠駆動E
- 11A Control A
制御A
- 11B Control B
制御B
- 12 Accessories
付属品
- 13 Lower thread roll
下糸巻

INDEX
索引

Machine layout (BEVT-S501CA11)

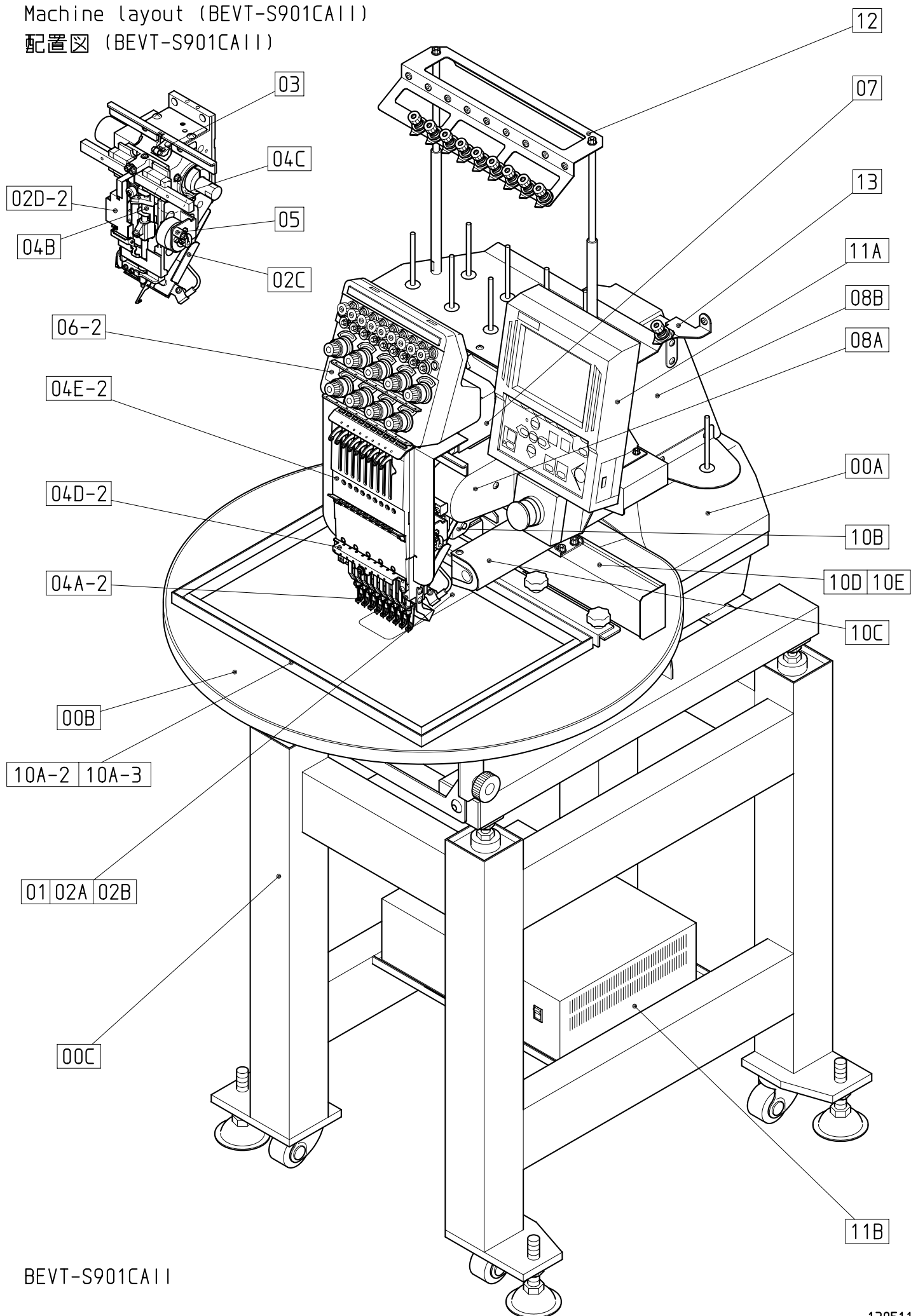
配置图 (BEVT-S501CA11)



BEVT-S501CA11

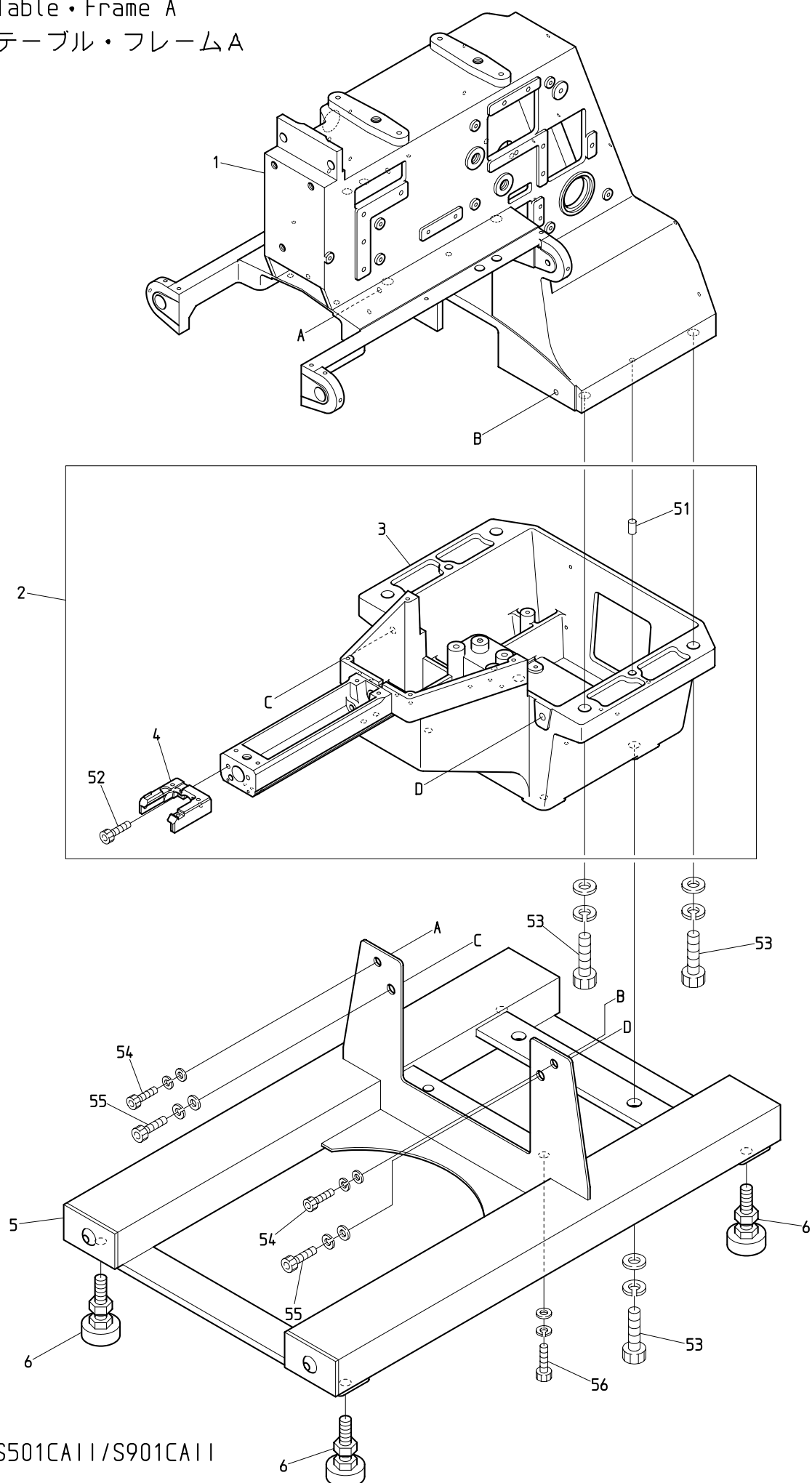
Machine layout (BEVT-S901CA11)

配置图 (BEVT-S901CA11)



BEVT-S901CA11

00A Table・Frame A
テーブル・フレームA

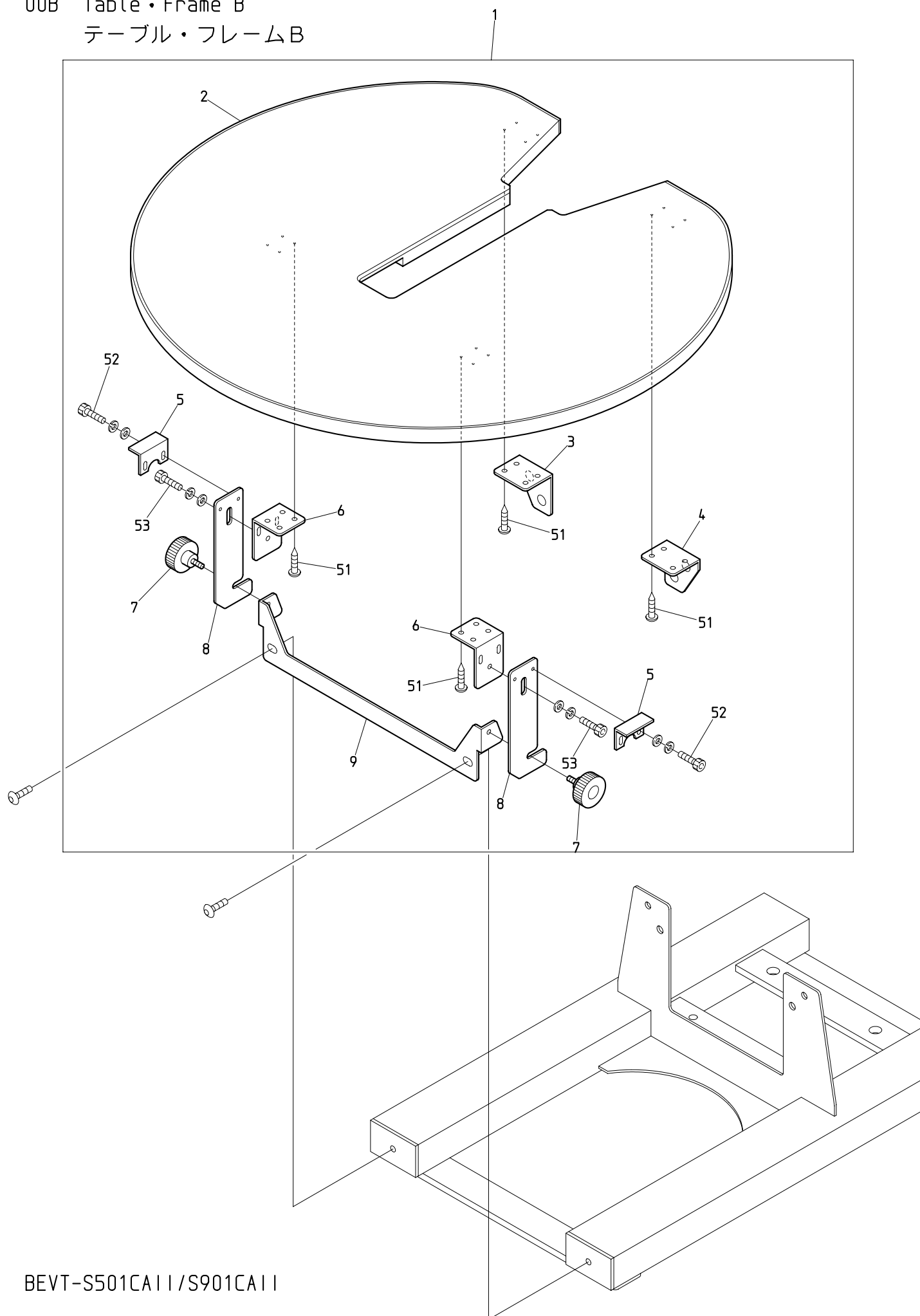


BEVT-S501CA11/S901CA11

Table・Frame A
テーブル・フレームA

[illegible]

00B Table・Frame B
テーブル・フレームB

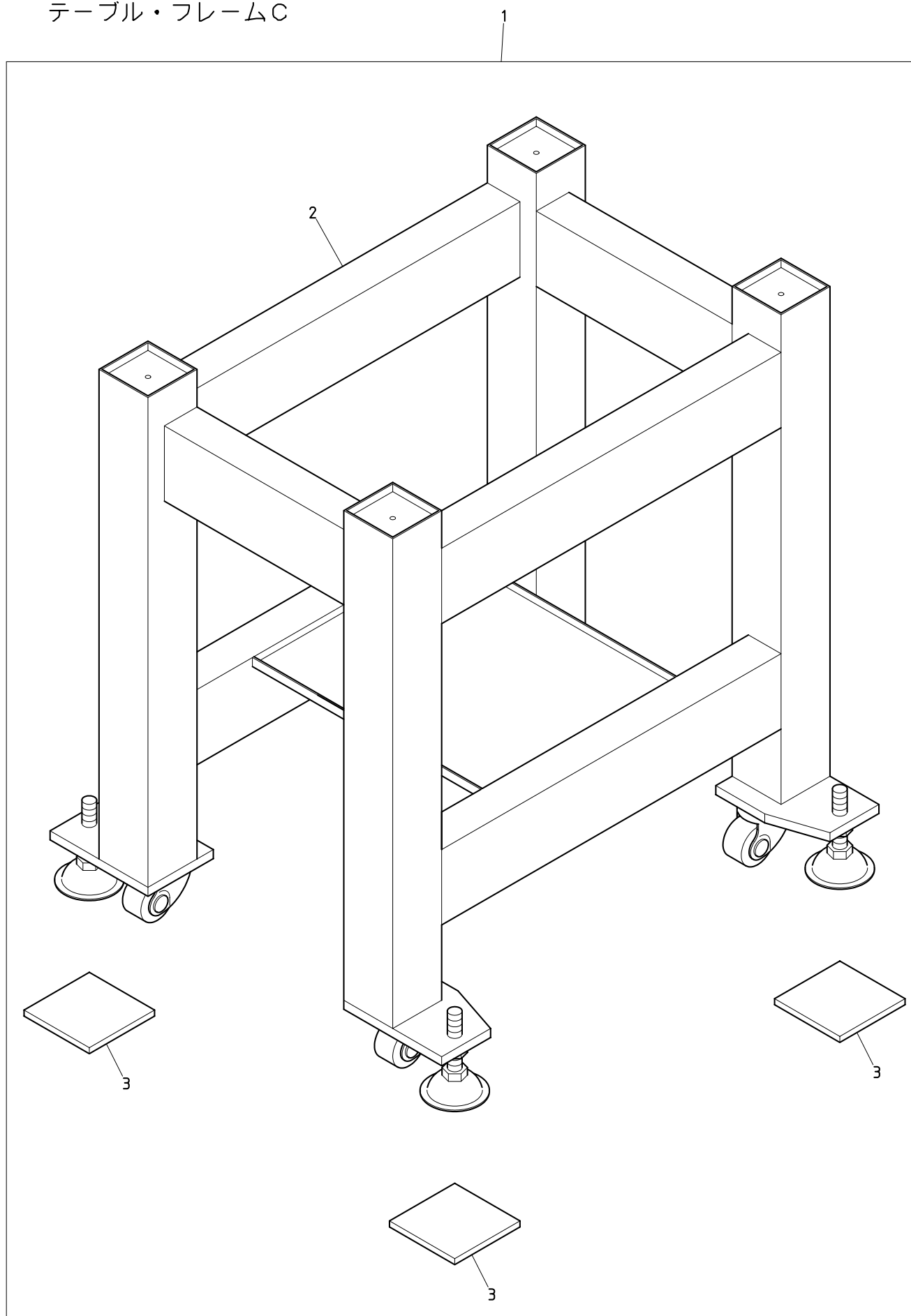


BEVT-S501CA11/S901CA11

00B Table・Frame B
テーブル・フレームB

[illegible]

00C Table・Frame C
テーブル・フレームC

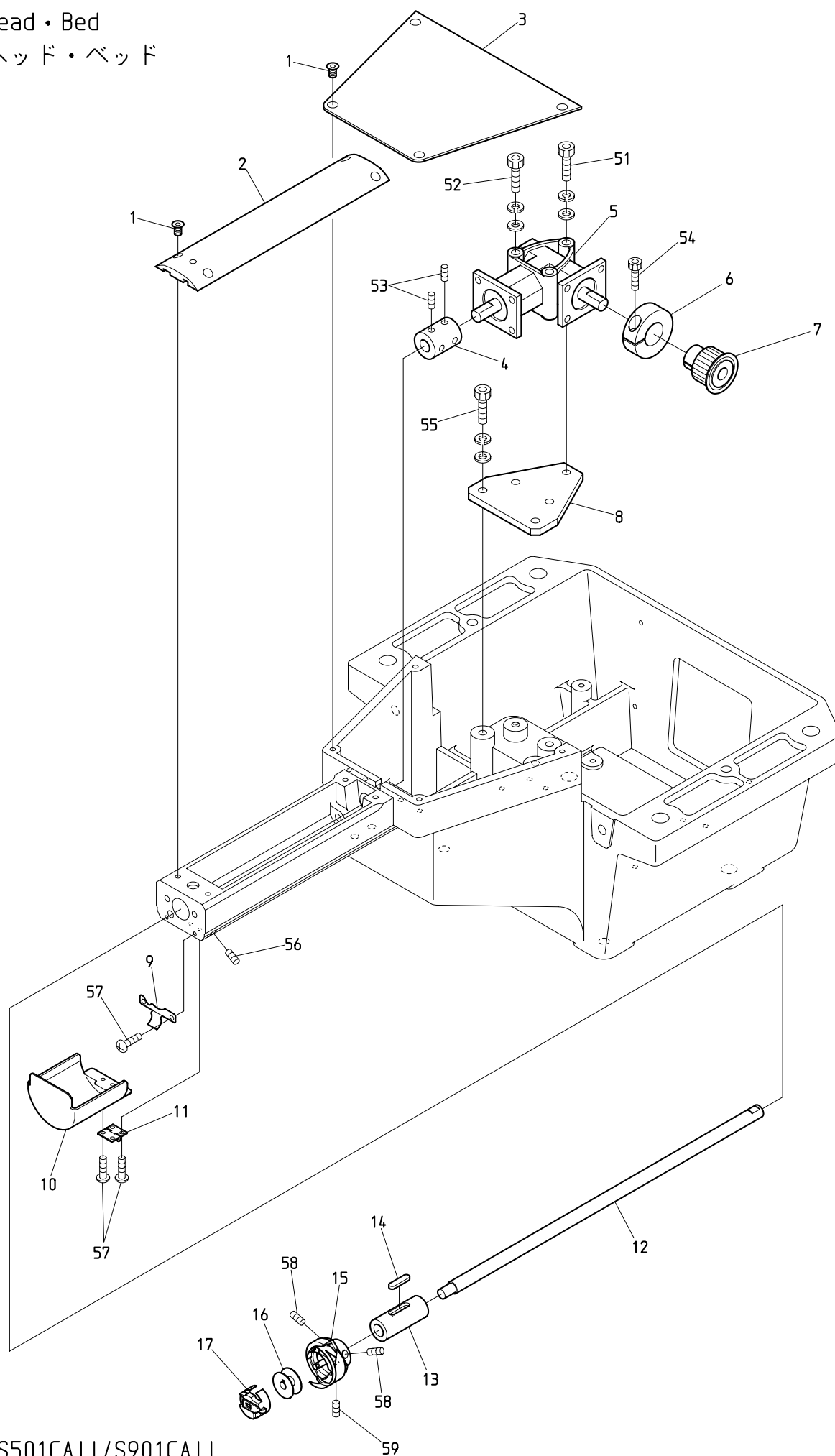


BEVT-S501CA11/S901CA11

Table・Frame C
テーブル・フレームC

[illegible]

01 Head・Bed
ヘッド・ベッド

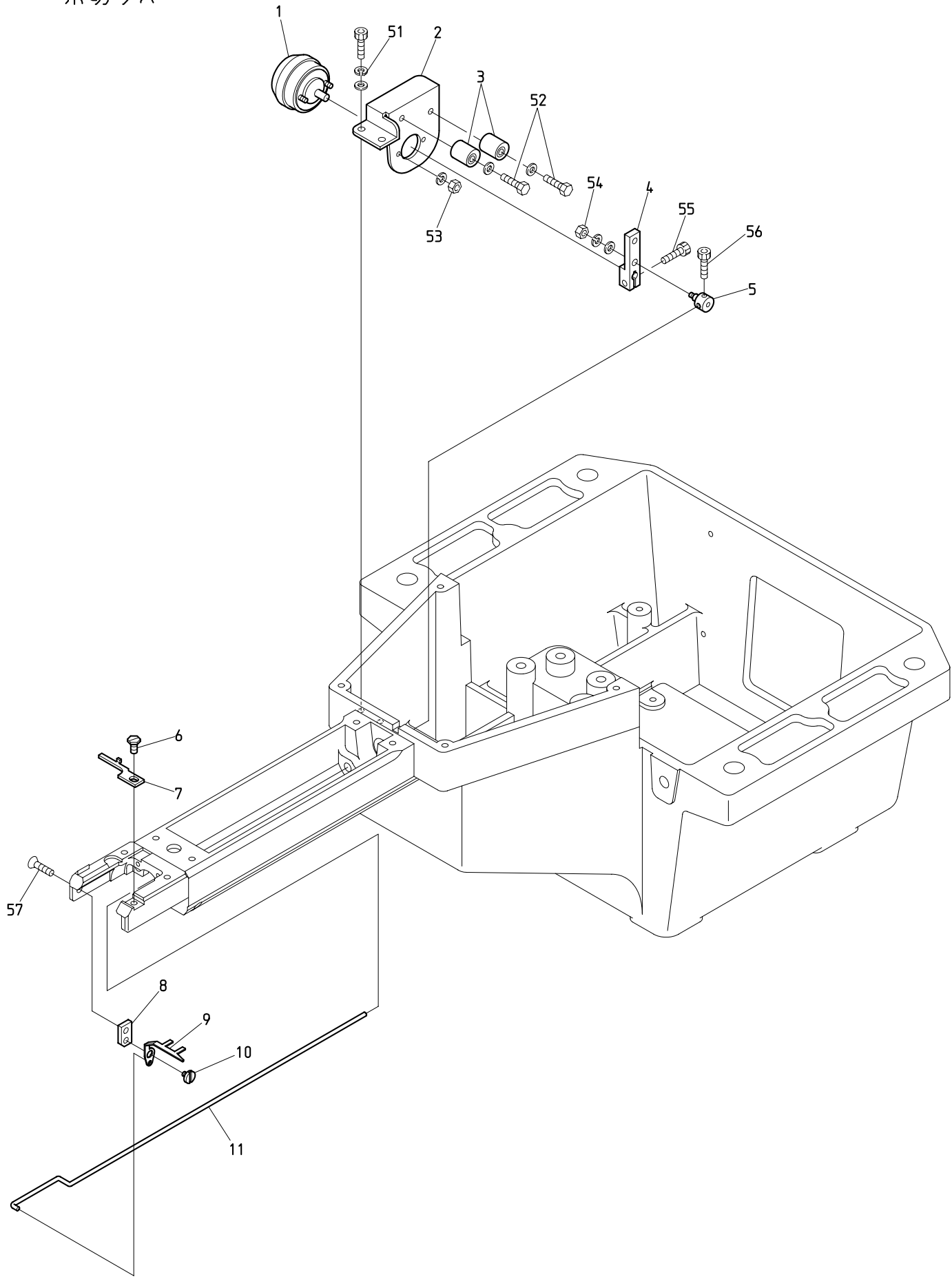


BEVT-S501CA11/S901CA11

01 Head・Bed
ヘッド・ベッド

[illegible]

02A Thread cut A
糸切りA



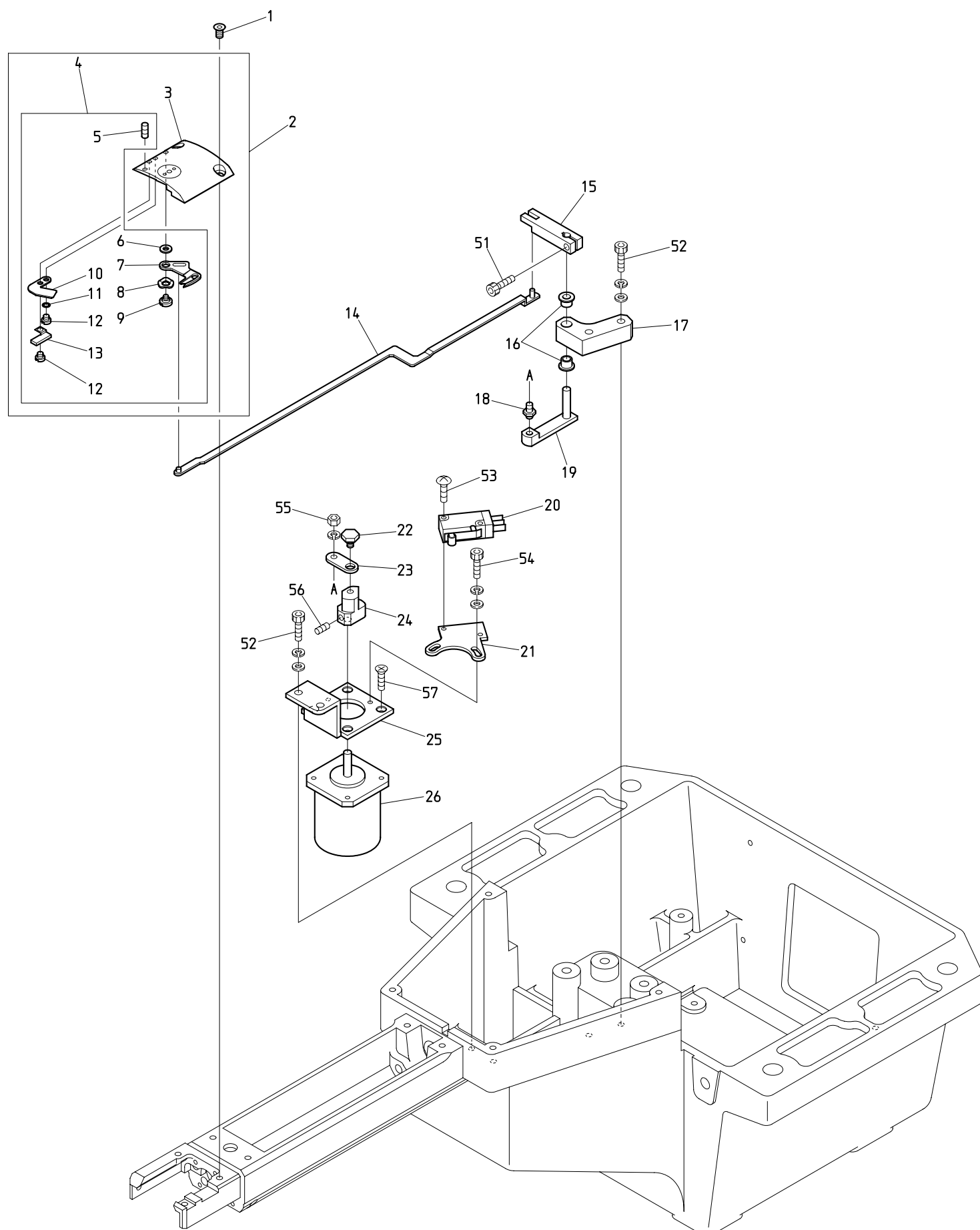
BEVT-S501CAII / S901CAII

0 2 A Thread cut A

系切り A

[illegible]

02B Thread cut B
糸切りB

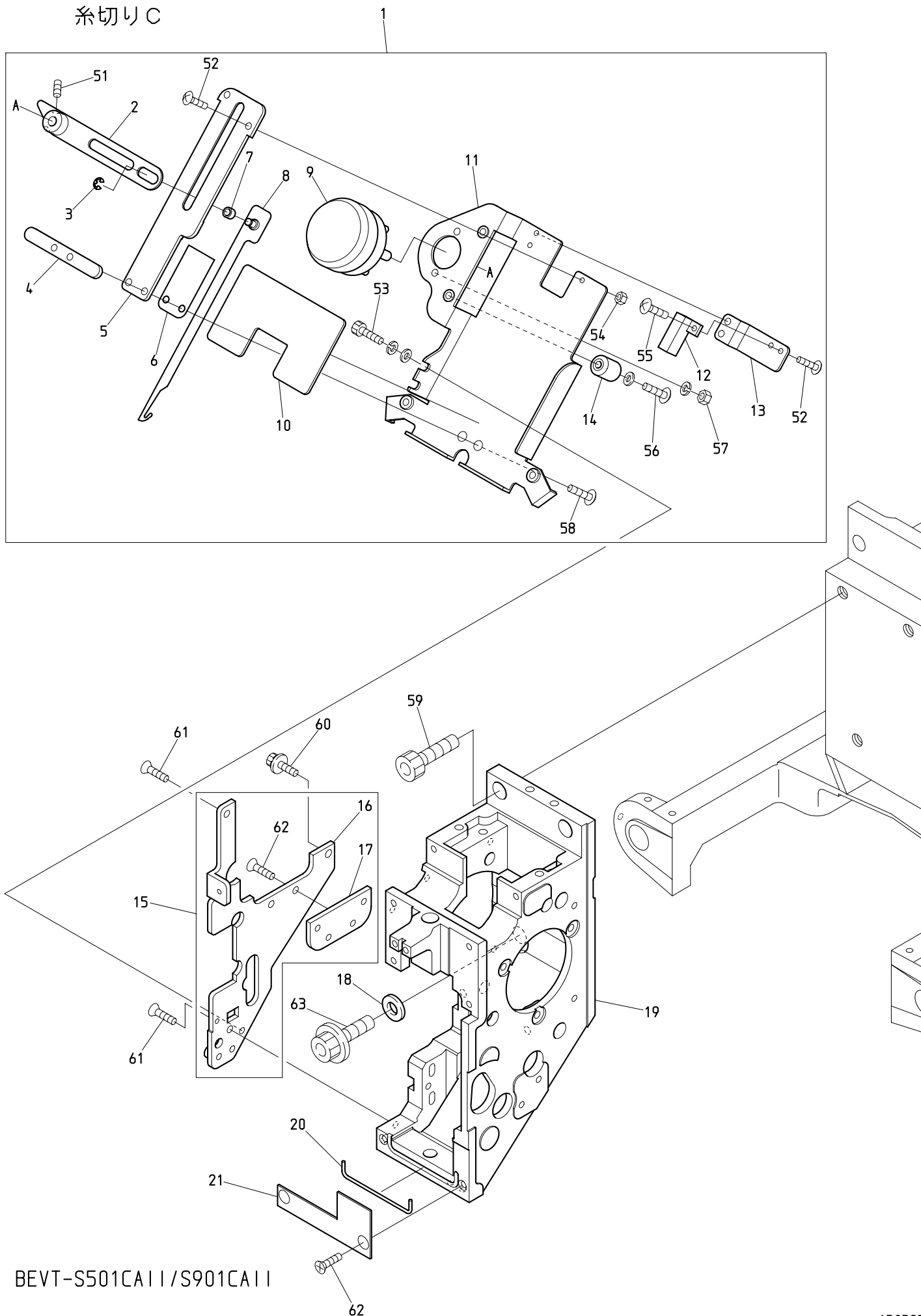


BEVT-S501CA11/S901CA11

系切りB

G7

02C Thread cut C
糸切りC



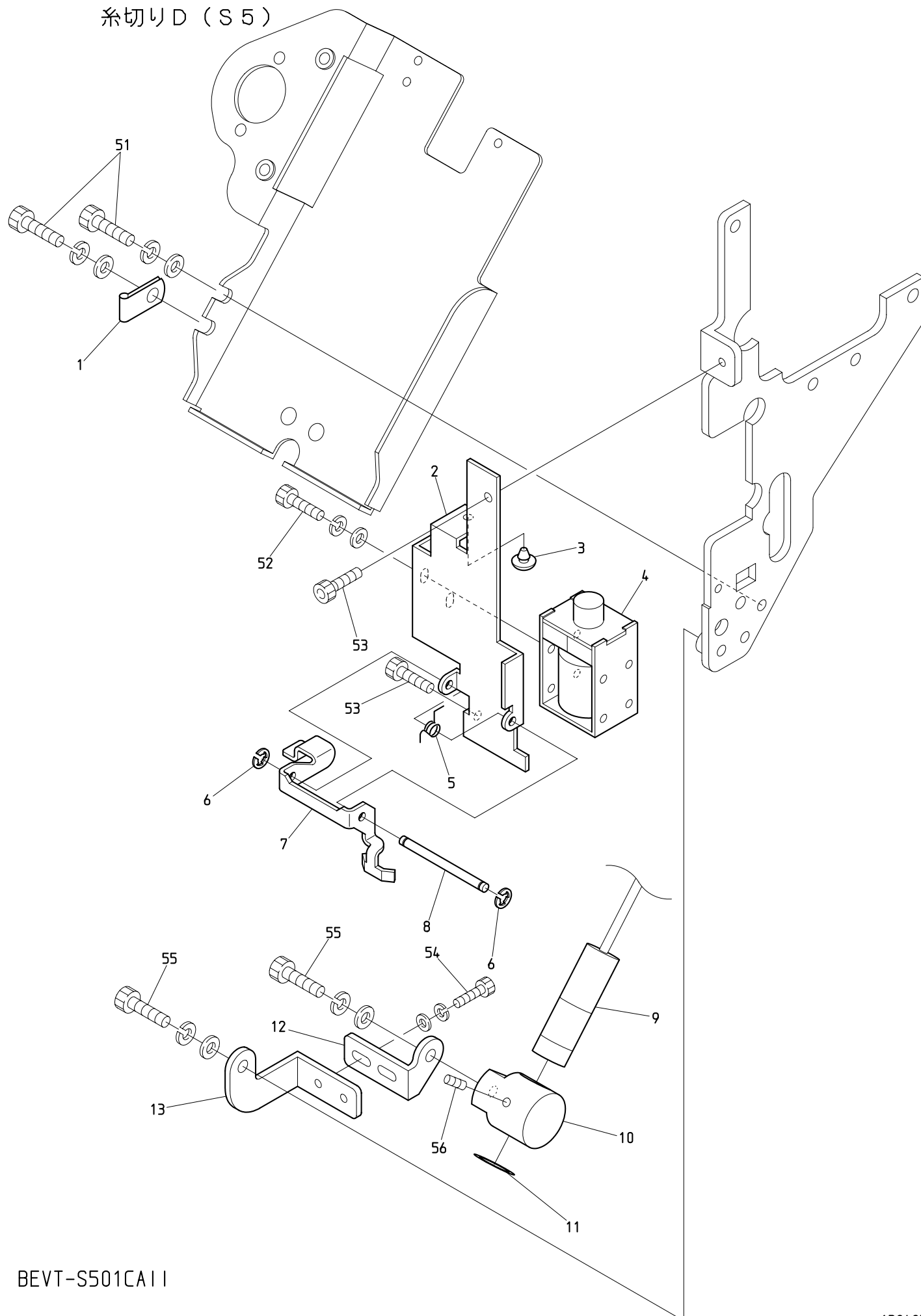
BEVT-S501CA11/S901CA11

0 2 C Thread cut C

系切り C

[illegible]

02D-1 Thread cut D (S5)
糸切りD (S5)



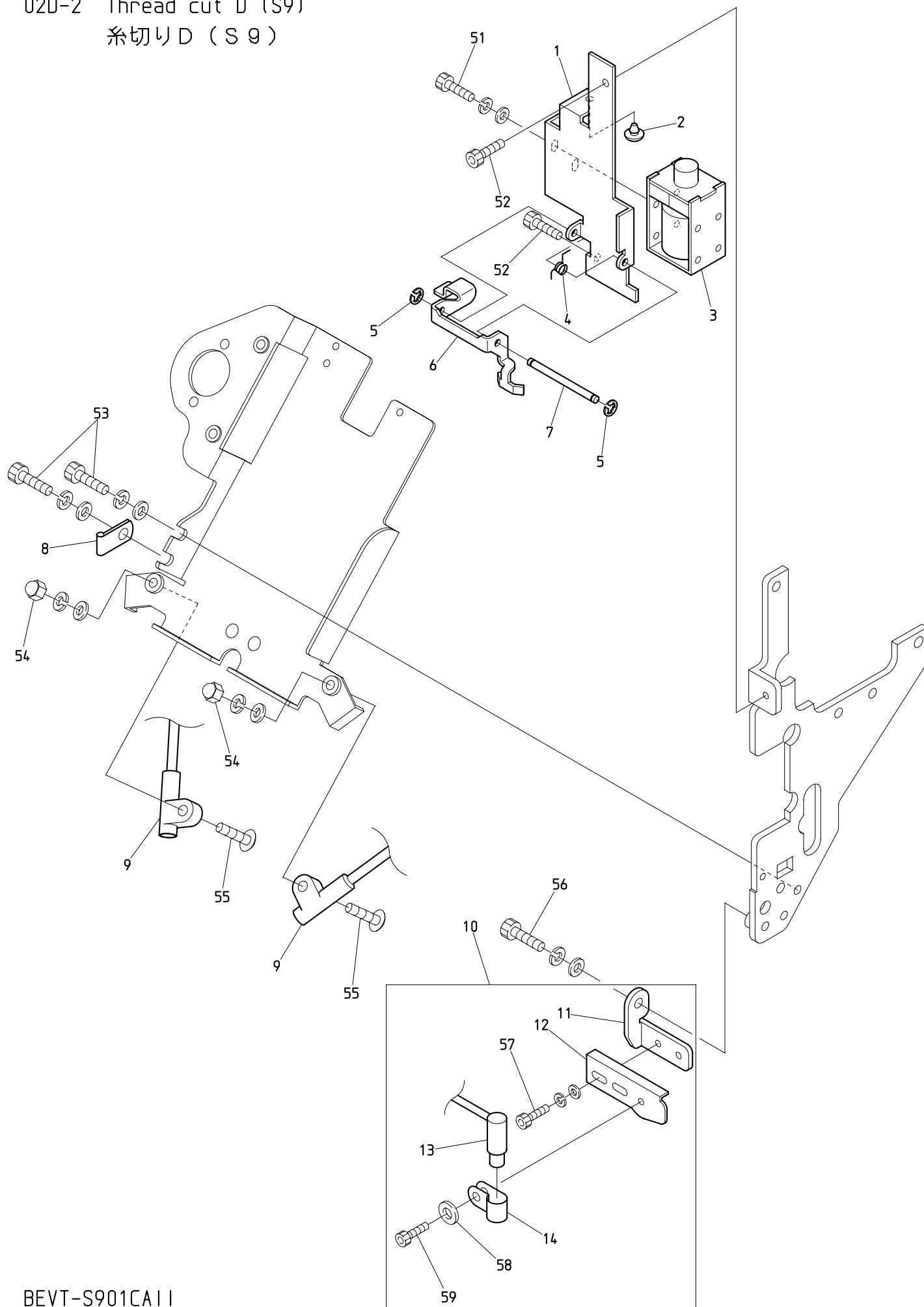
BEVT-S501CA11

0 2 D - 1 Thread cut D (S5)

糸切り D (S 5)

[illegible]

02D-2 Thread cut D (S9)
糸切りD (S9)

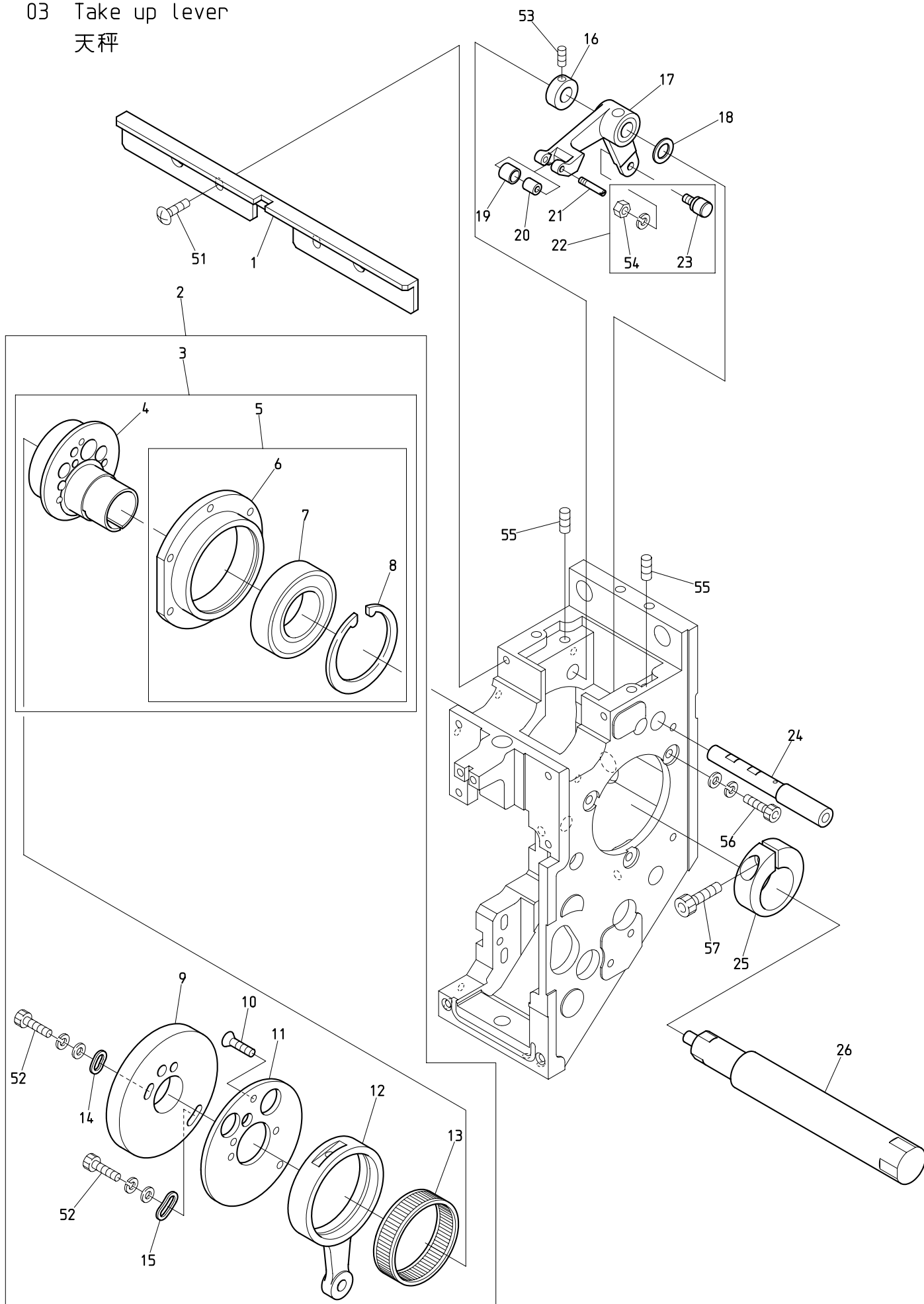


BEVT-S901CA11

糸切り D (S9)

G7

03 Take up lever 天秤



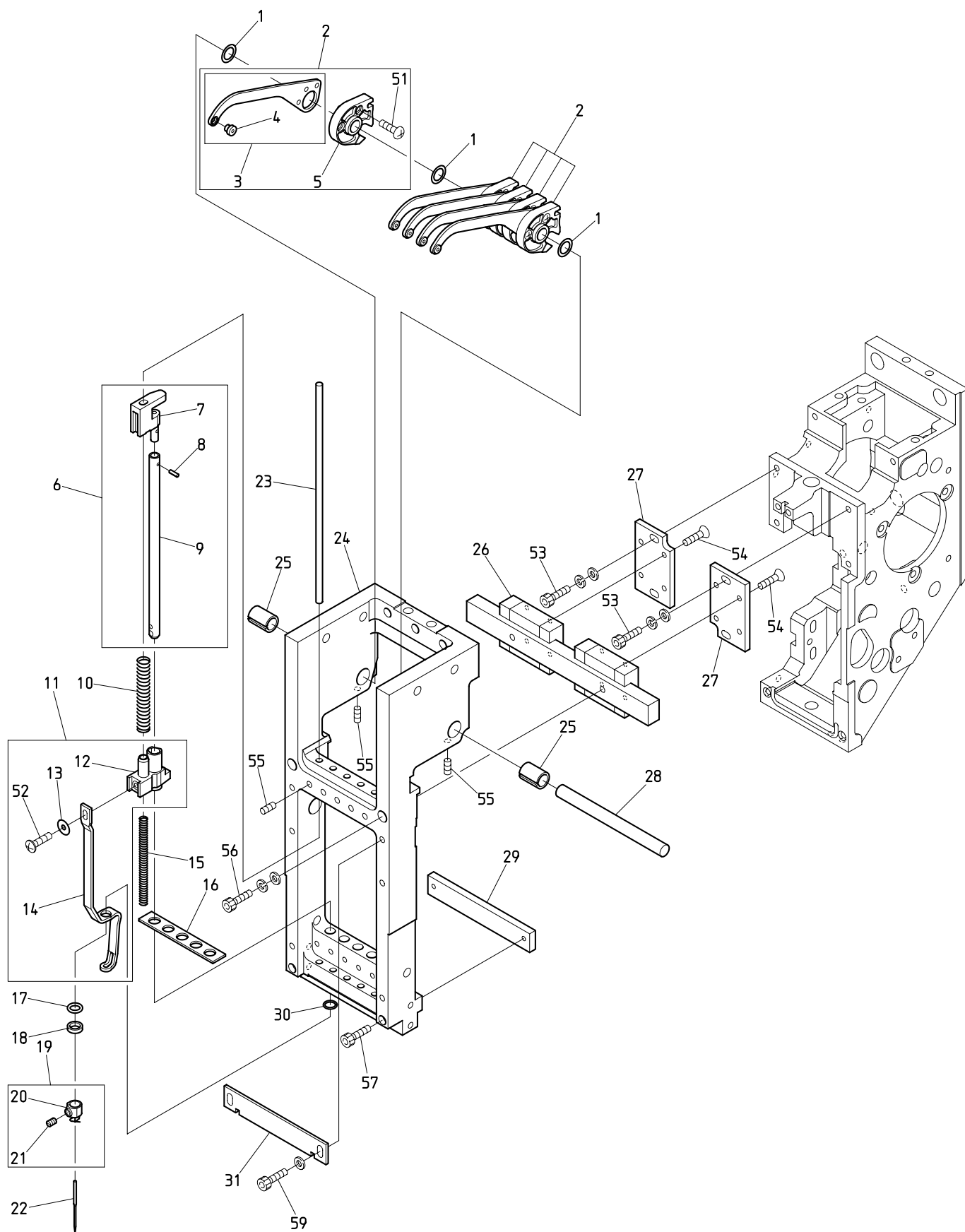
BEVT-S501CA11/S901CA11

0 3

天秤

[illegible]

04A-1 Needle bar A (S5)
針棒 A (S 5)



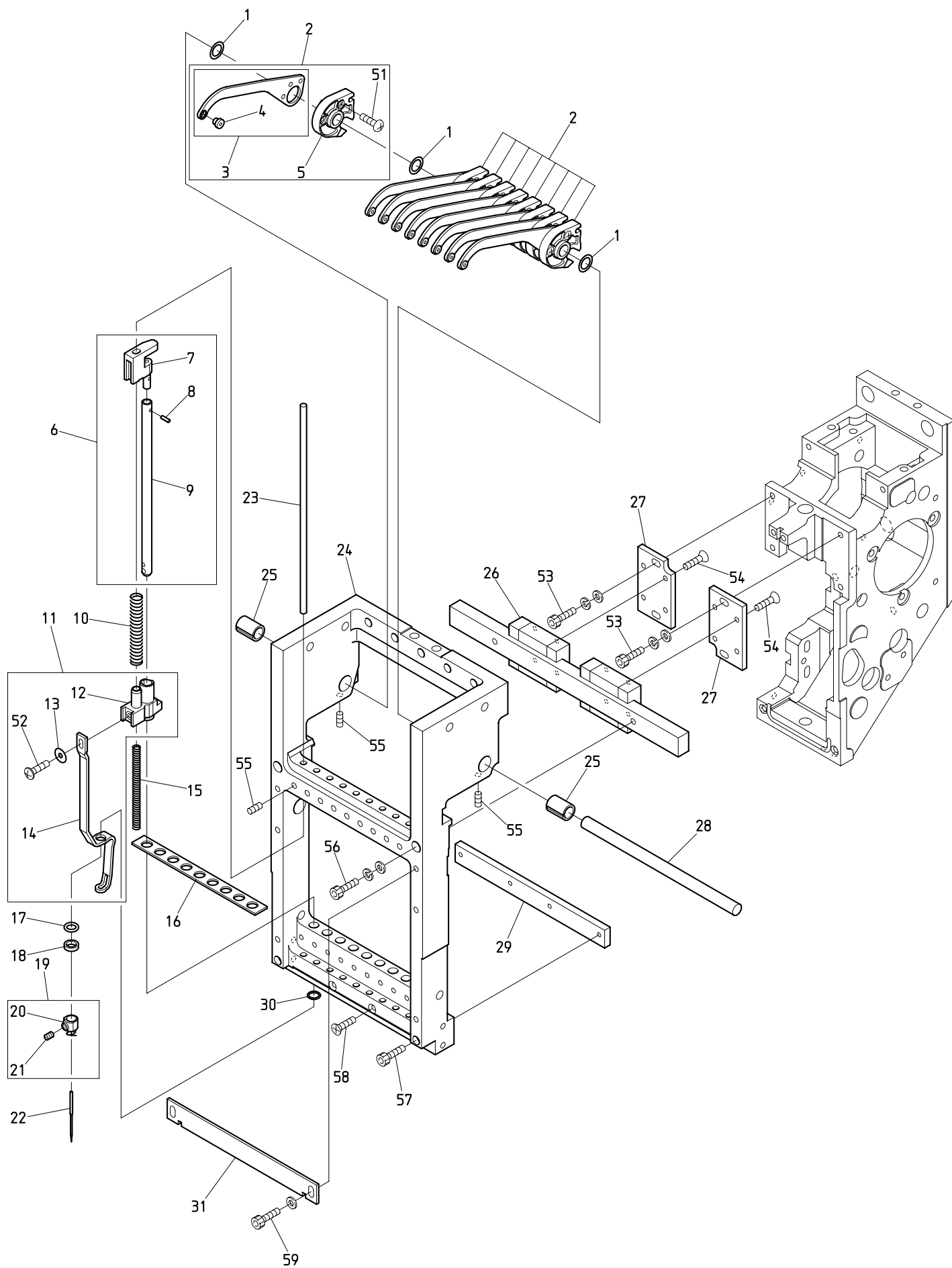
BEVT-S501CA11

O 4 A - 1 Needle bar A (S5)

針棒 A (S5)

ITEM	L I S T No.	DESCRIPTION	部品名	Q' TY	NOTE
1	QK230520	Shim ring 8×12×0.5	シムリング 8×12×0.5	6	
2	QK230590	Take up lever a'ssy (S-head)	天秤ASSY (S頭部)	5	
3	NBQK230300	Take up lever (S-head)	天秤 (S頭部)	5	
4	HB230751	Take up lever thread guide	天秤糸道ガイド	1	
5	QK230310C	Take up lever timing block	天秤従動ブロック	5	
6	QK230451	Needle bar a'ssy (S-head)	針棒ASSY (S頭部)	5	
7	QK230380C	Needle bar guide	針棒ガイド	5	
8	A9012539	Fluted pin PS03NC2×6.4 (Without guide)	溝付ピン PS03NC2×6.4 (案内部無シ)	5	
9	QK230370C	Needle bar	針棒	5	
10	KV230040	Needle bar spring (Upper, for thick type)	針棒バネ (上, 厚物用)	5	
11	QK230561	Cloth hold a'ssy	布押エASSY	5	
12	QK230291C	Cloth hold clamp	布押エクランプ	5	
13	QK230530	Shim ring 3×10×0.3	シムリング 3×10×0.3	5	
14	QK230350C	Cloth hold (S-head)	布押エ (S頭部)	5	
15	SG230220	Needle bar spring (Lower)	針棒バネ (下)	5	
16	SU230082	Needle bar felt	針棒フェルト	1	
17	KF232130	O-ring (1B-AS568-902) C03091B	Oリング (1B-AS568-902) C03091B	5	
18	HT230120	Washer 2.4	ジュラコンワッシャー 2.4	5	
19	RH230440	Needle clamp (With hook, set screw)	針止め (フック・止めネジ付)	5	
20	RH230450	Needle clamp (With hook)	針止め (フック付)	5	
21	RH230460	Needle clamp screw	針止めネジ	5	
22	FN070011RG	Needle (DBXK5 11RG)	針 (DBXK5 11RG)	5	
23	QK230360C	Needle bar guide shaft	針棒ガイド軸	5	
24	ME230080	Slide block (S5/CA II)	スライドブロック (S5/CA II)	1	
25	NBQK230390	Take up lever collar	天秤割カラー	2	
26	A9011323	S5 LM guide (2SRS15MUUCSE+157LMS)	S5 LMガイド (2SRS15MUUCSE+157LMS)	1	
27	QK230280C	Linear guide base	リニアガイドベース	2	
28	QK230620	Take up lever shaft (S5)	天秤シャフト (S5)	1	
29	QK230640	Bearing plate (S5)	ベアリングプレート (S5)	1	
30	A9014167	O-ring SS065	Oリング SS065	5	
31	QK230630	Needle bar stocker (S5)	針棒ストッカー (S5)	1	
51		Pan screw M3×8	十字穴付ナベ小ネジ M3×8		
52		Plus-minus binding head screw M3×6	プラスマイナスバインド小ネジ M3×6		
53		Hex. socket bolt M4×12 (With washers)	六角穴付ボルト M4×12 (平座金 バネ座金付)		
54		Hex. socket flush bolt M3×6 (With adhesive)	六角穴付皿ボルト M3×6 (接着剤付)		
55		Hex. socket set screw M4×6	六角穴付止めネジ M4×6		
56		Hex. socket bolt M4×25	六角穴付ボルト M4×25		
57		Hex. socket bolt M3×30	六角穴付ボルト M3×30		
58		Flush screw M3×28	十字穴付皿小ネジ M3×28		
59		Hex. socket bolt M4×8 (With plain washer t0.5)	六角穴付ボルト M4×8 (t0.5 平座金付)		

04A-2 Needle bar A (S9)
針棒 A (S9)



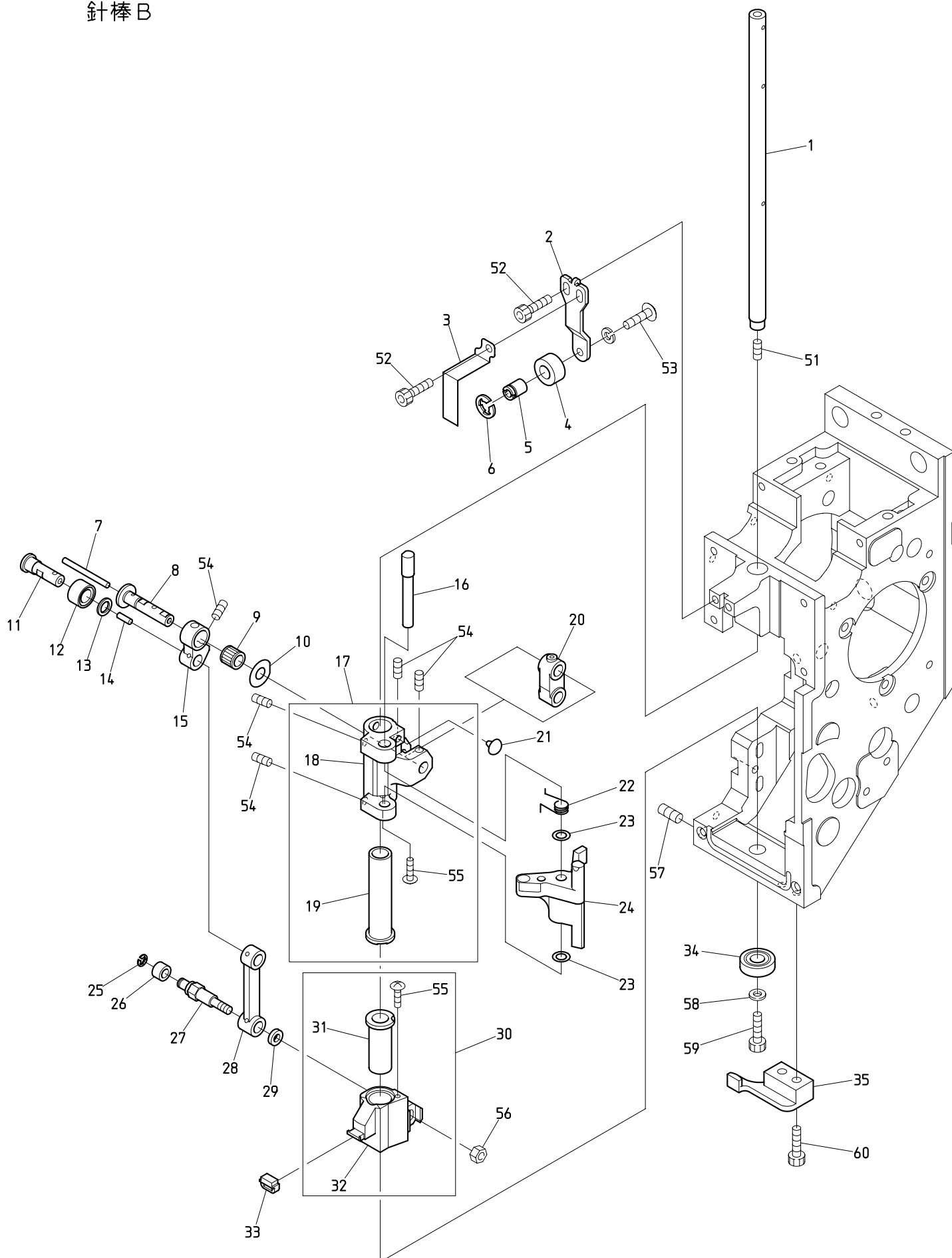
BEVT-S901CA11

O 4 A - 2 Needle bar A (S9)

針棒 A (S9)

ITEM	L I S T No.	DESCRIPTION	部品名	Q' TY	NOTE
1	QK230520	Shim ring 8×12×0.5	シムリング 8×12×0.5	1 0	
2	QK230590	Take up lever a'ssy (S-head)	天秤ASSY (S頭部)	9	
3	NBQK230300	Take up lever (S-head)	天秤 (S頭部)	9	
4	HB230751	Take up lever thread guide	天秤糸道ガイド	1	
5	QK230310C	Take up lever timing block	天秤従動ブロック	9	
6	QK230451	Needle bar a'ssy (S-head)	針棒ASSY (S頭部)	9	
7	QK230380C	Needle bar guide	針棒ガイド	9	
8	A9012539	Fluted pin PS03NC2×6.4 (Without guide)	溝付ピン PS03NC2×6.4 (案内部無シ)	9	
9	QK230370C	Needle bar	針棒	9	
10	KV230040	Needle bar spring (Upper, for thick type)	針棒バネ (上, 厚物用)	9	
11	QK230561	Cloth hold a'ssy	布押エASSY	9	
12	QK230291C	Cloth hold clamp	布押エクランプ	9	
13	QK230530	Shim ring 3×10×0.3	シムリング 3×10×0.3	9	
14	QK230350C	Cloth hold (S-head)	布押エ (S頭部)	9	
15	SG230220	Needle bar spring (Lower)	針棒バネ (下)	9	
16	MH230100	Needle bar felt (DT-ZN)	針棒フェルト (DT-ZN)	1	
17	KF232130	O-ring (1B-AS568-902) C03091B	Oリング (1B-AS568-902) C03091B	9	
18	HT230120	Washer 2.4	ジュラコンワッシャー 2.4	9	
19	RH230440	Needle clamp (With hook, set screw)	針止め (フック・止めネジ付)	9	
20	RH230450	Needle clamp (With hook)	針止め (フック付)	9	
21	RH230460	Needle clamp screw	針止めネジ	9	
22	FN070011RG	Needle (DBXK5 11RG)	針 (DBXK5 11RG)	9	
23	QK230360C	Needle bar guide shaft	針棒ガイド軸	9	
24	ME230051	Slide block (S9/CA II)	スライドブロック (S9/CA II)	1	
25	NBQK230390	Take up lever collar	天秤割カラー	2	
26	A9011322	S9 LM guide (2SRS15MUUCSE+208LMS)	S9 LMガイド (2SRS15MUUCSE+208LMS)	1	
27	QK230280C	Linear guide base	リニアガイドベース	2	
28	NBQK230330	Take up lever shaft (S9)	天秤シャフト (S9)	1	
29	NBQK230420	Bearing plate (S9)	ベアリングプレート (S9)	1	
30	A9014167	O-ring SS065	Oリング SS065	9	
31	QK230340	Needle bar stocker (SH9)	針棒ストッカー (SH9)	1	
51		Pan screw M3×8	十字穴付ナベ小ネジ M3×8		
52		Plus-minus binding head screw M3×6	プラスマイナスバインド小ネジ M3×6		
53		Hex. socket bolt M4×12 (With washers)	六角穴付ボルト M4×12 (平座金 バネ座金付)		
54		Hex. socket flush bolt M3×6 (With adhesive)	六角穴付皿ボルト M3×6 (接着剤付)		
55		Hex. socket set screw M4×6	六角穴付止めネジ M4×6		
56		Hex. socket bolt M4×25	六角穴付ボルト M4×25		
57		Hex. socket bolt M3×30	六角穴付ボルト M3×30		
58		Flush screw M3×28	十字穴付皿小ネジ M3×28		
59		Hex. socket bolt M4×8 (With plain washer t0.5)	六角穴付ボルト M4×8 (t0.5 平座金付)		

04B Needle bar B
針棒 B



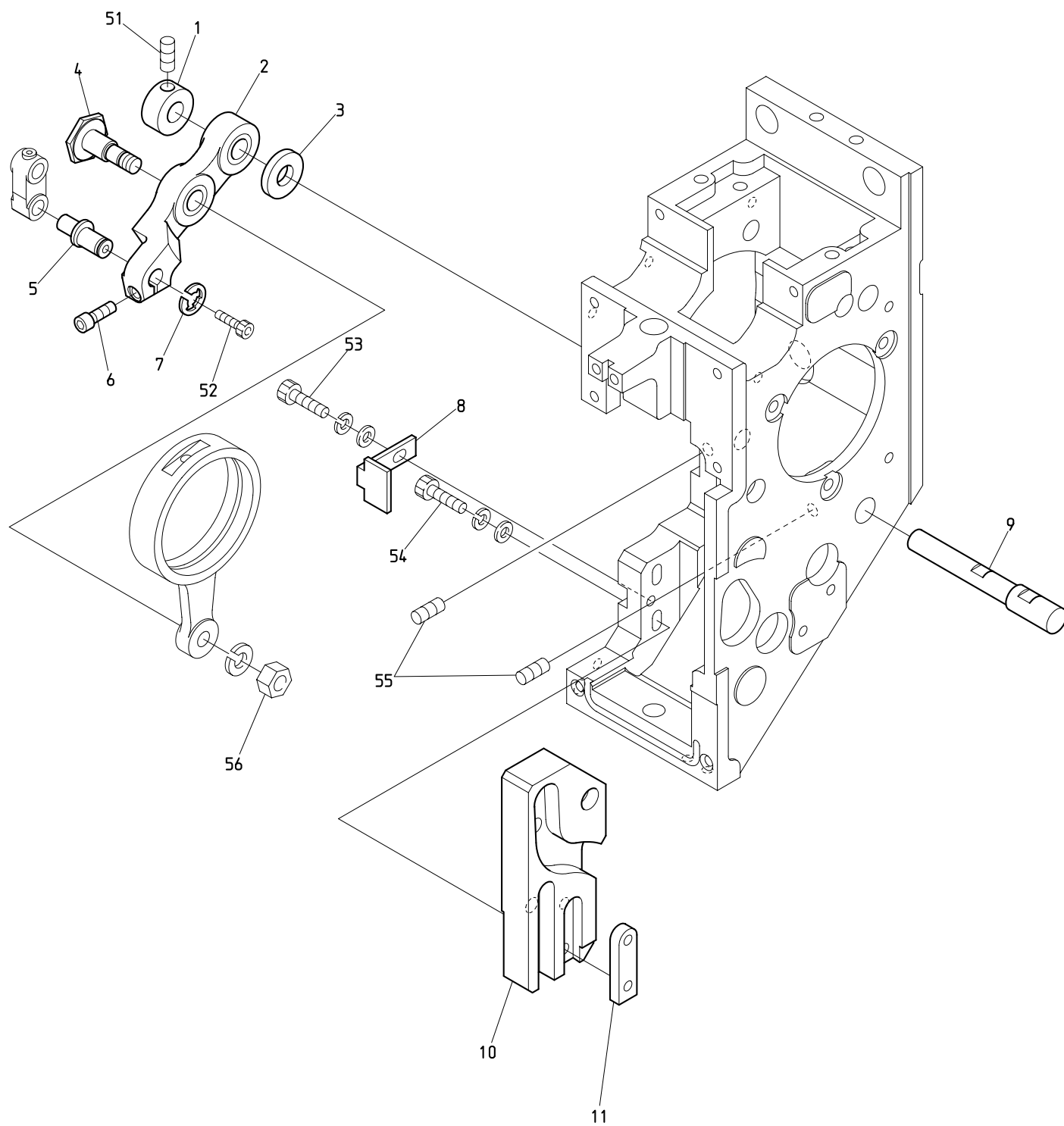
BEVT-S501CA11/S901CA11 BEXS-S*C BEVT-S1501C11

O 4 B Needle bar B

針棒B

ITEM	L I S T No.	DESCRIPTION	部品名	Q' TY	NOTE
1	QK230170	Driving shaft	駆動軸	1	
2	NBQK230181	Needle bar stopper bracket	針棒ストッパーブラケット	1	
3	NBQK230200	Indication plate(S-head)	表示プレート(S頭部)	1	
4	NBOHT230220	Needle bar stopper	針棒ストッパ	1	
5	QK230190C	Needle bar stopper fixing pin	針棒ストッパ取付ピン	1	
6	A9012471	E-ring(φ6) Black oxide finish	E型止メ輪(呼び径6) 黒染	2	
7	HT230750	Oil core(30mm)	油芯(30mm)	1	
8	QK230710	Small link pin	小リンクピン	1	
9	A9010144	Needle roller cage(KT698N)	ニードルケージ(KT698N)	1	
10	QH230230	Shim ring(φ14.5) H	シムリング(φ14.5) H	1	
11	RR230131	Link roller joint pin	リンクコロジョイントピン	1	
12	RR230151	Cloth hold roller	布押エコロ	1	
13	RR230140	Thrust washer	スラスト座金	1	
14	HT230760	Oil core(8mm)	油芯(8mm)	1	
15	NBQK230082	Link(Small) P14	リンク(小) P14	1	
16	QK230060C	Needle bar driver pin	針棒叩キピン	1	
17	QK230671	Needle bar driver slide block a'ssy	針棒叩キ摺動ブロックASSY	1	
18	QK230091C	Needle bar driver slide block	針棒叩キ摺動ブロック	1	
19	QK230650	Needle bar driver slide SUS bush(G7)	針棒叩キ摺動SUSブッシュ(G7)	1	
20	NBQK230050	Needle bar driving link	針棒駆動リンク	1	
21	A9014211	Rubber cushion TM-96-3	ブラグクッションゴム TM-96-3	1	
22	QK230111	Needle bar driver spring	針棒叩キバネ	1	
23	QK230460	Shim ring 5×8.5×0.7	シムリング 5×8.5×0.7	2	
24	QK230121C	Needle bar driver	針棒叩キ	1	
25	A9012127	E-ring(φ3)	E型止メ輪(呼び径3)	1	
26	KF230531	Roller(For take up lever)	コロ(天秤用)	1	
27	SG230180	Link roller joint pin(Large)	リンクコロジョイントピン(大)	1	
28	NBQK230070	Link(Large) P40	リンク(大) P40	1	
29	SG230190	Washer for joint pin	ジョイントピン用ワッシャー	1	
30	QK230680	Cloth hold support slide block a'ssy	布押エ受摺動ブロックASSY	1	
31	QK230660	Cloth hold support slide SUS bush(G7)	布押エ受摺動SUSブッシュ(G7)	1	
32	QK230151C	Cloth hold support slide block	布押エ受摺動ブロック	1	
33	HT230340	Cloth hold support rubber	布押エ受ゴム	1	
34	A9010139	Ball bearing(697ZZ)	ボールベアリング(697ZZ)	1	
35	QK230320C	Slide block guide	スライドブロックガイド	1	
51		Hex. socket set screw M4×4(With nylon)	六角穴付止メネジ M4×4(ナイロン付)		
52		Hex. socket bolt M4×8	六角穴付ボルト M4×8		
53		Hex. socket button bolt M4×8(Spring washer)	六角穴付ボタンボルト M4×8(バネ座金付)		
54		Hex. socket set screw M4×6(With nylon)	六角穴付止メネジ M4×6(ナイロン付)		
55		Truss screw M2.5×4(With adhesive)	十字穴付トラス小ネジ M2.5×4(接着剤付)		
56		Hex. nut M4 I	六角ナット M4 1種		
57		Hex. socket set screw(Truncated cone point) M5×8	六角穴付止メネジ(トガリ先) M5×8		
58		Plain washer(φ4.3×φ10×t0.8 Black oxide finish)	平座金(φ4.3×φ10×t0.8 黒染)		
59		Hex. socket bolt M4×6	六角穴付ボルト M4×6		
60		Hex. socket bolt M4×12	六角穴付ボルト M4×12		

04C Needle bar C
針棒C



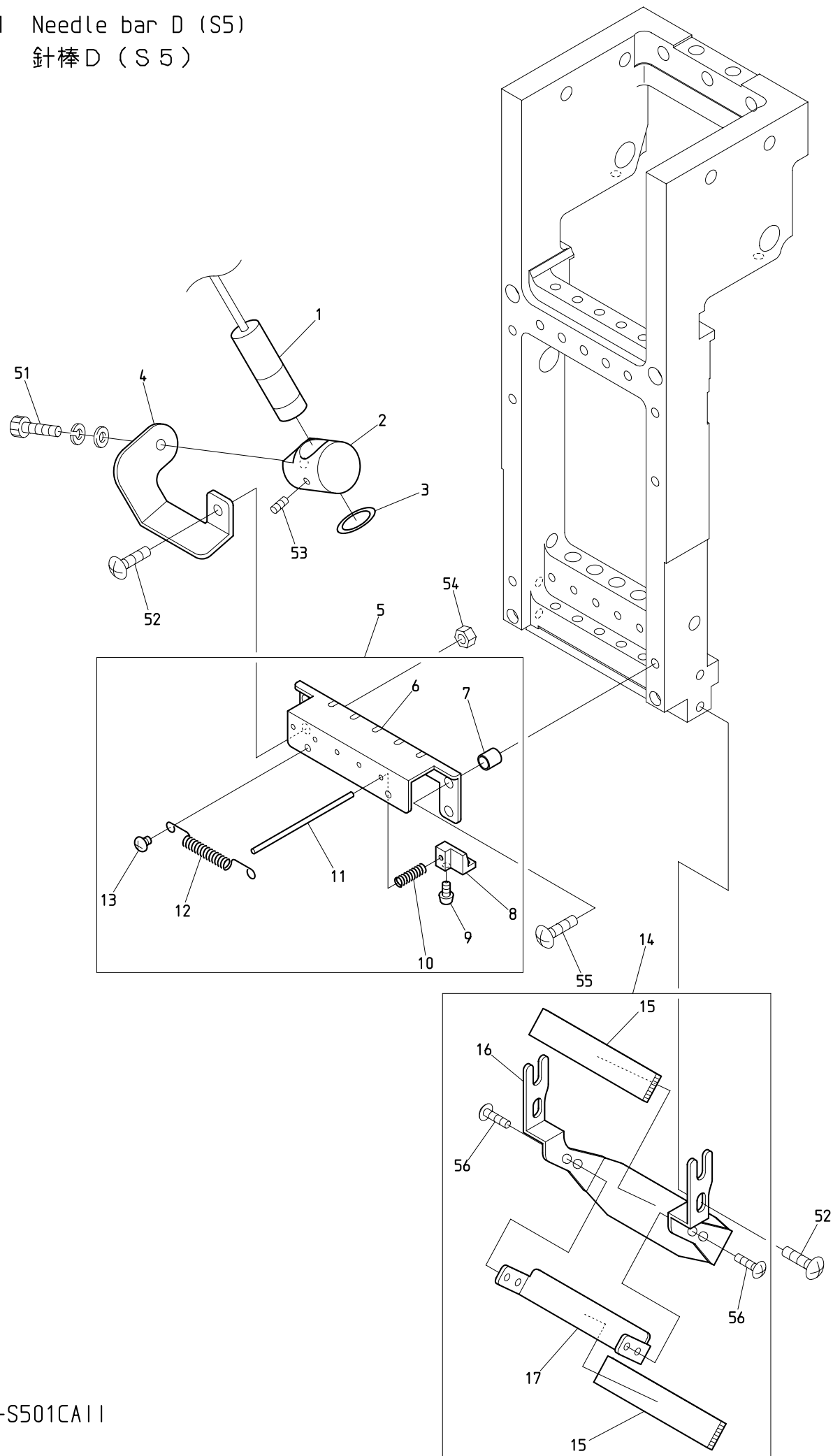
BEVT-S501CA11/S901CA11 BEXS-S*C BEXY-C11 BEVT-S1501C11
BEXL-C11

0 4 C Needle bar C

針棒 C

[illegible]

04D-1 Needle bar D (S5)
針棒D (S5)

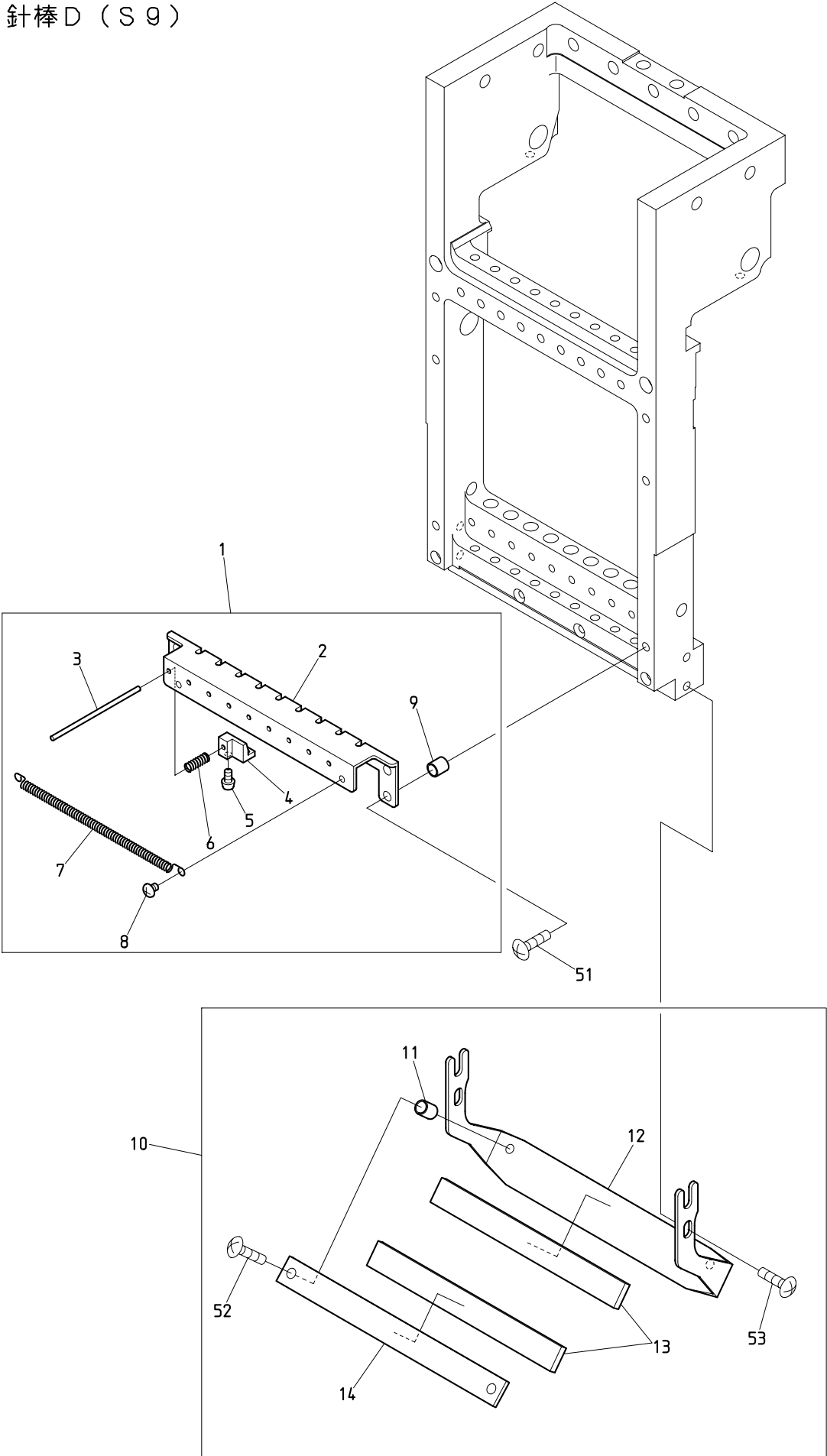


BEVT-S501CA11

針棒 D (S 5)

G7 130507

04D-2 Needle bar D (S9)
針棒D (S 9)



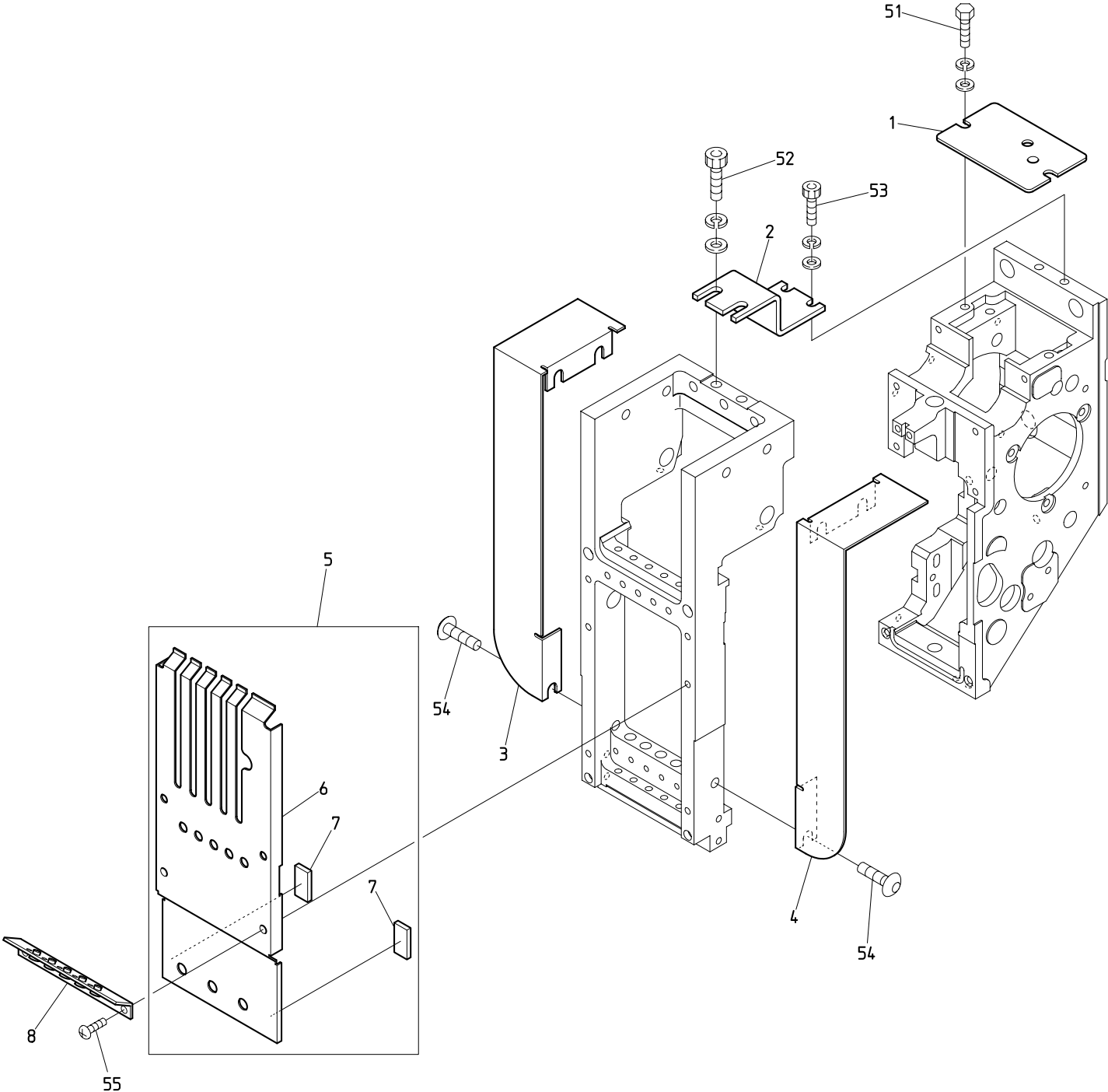
BEVT-S901CA11

0 4 D-2 Needle bar D (S9)

針棒 D (S 9)

[illegible]

04E-1 Needle bar E (S5)
針棒E (S5)



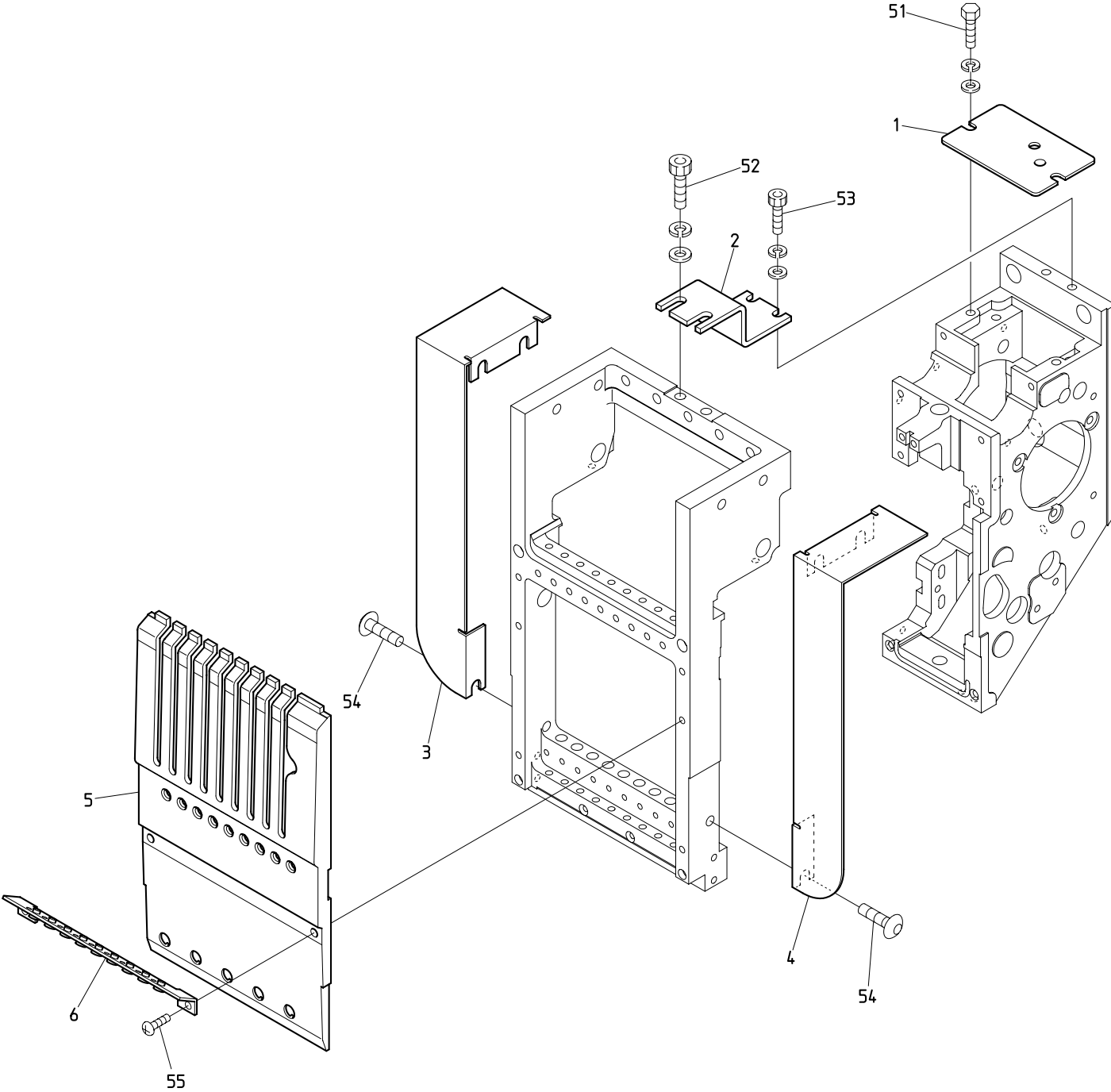
0 4 E - 1

Needle bar E (S5)

針棒 E (S 5)

[illegible]

04E-2 Needle bar E (S9)
針棒E (S9)

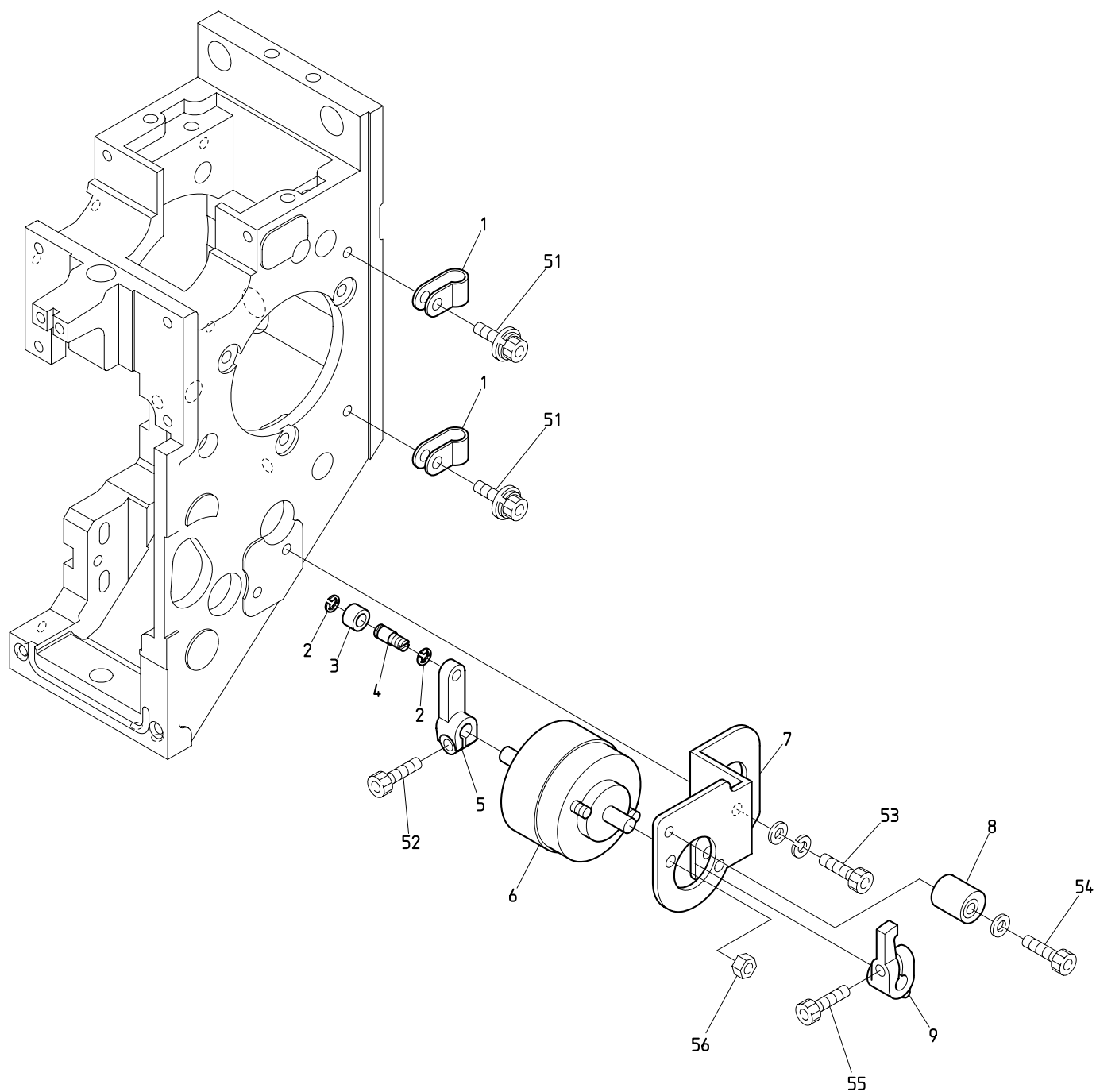


0 4 E-2 Needle bar E (S9)

針棒 E (S 9)

[illegible]

05 Jump
ジャンプ

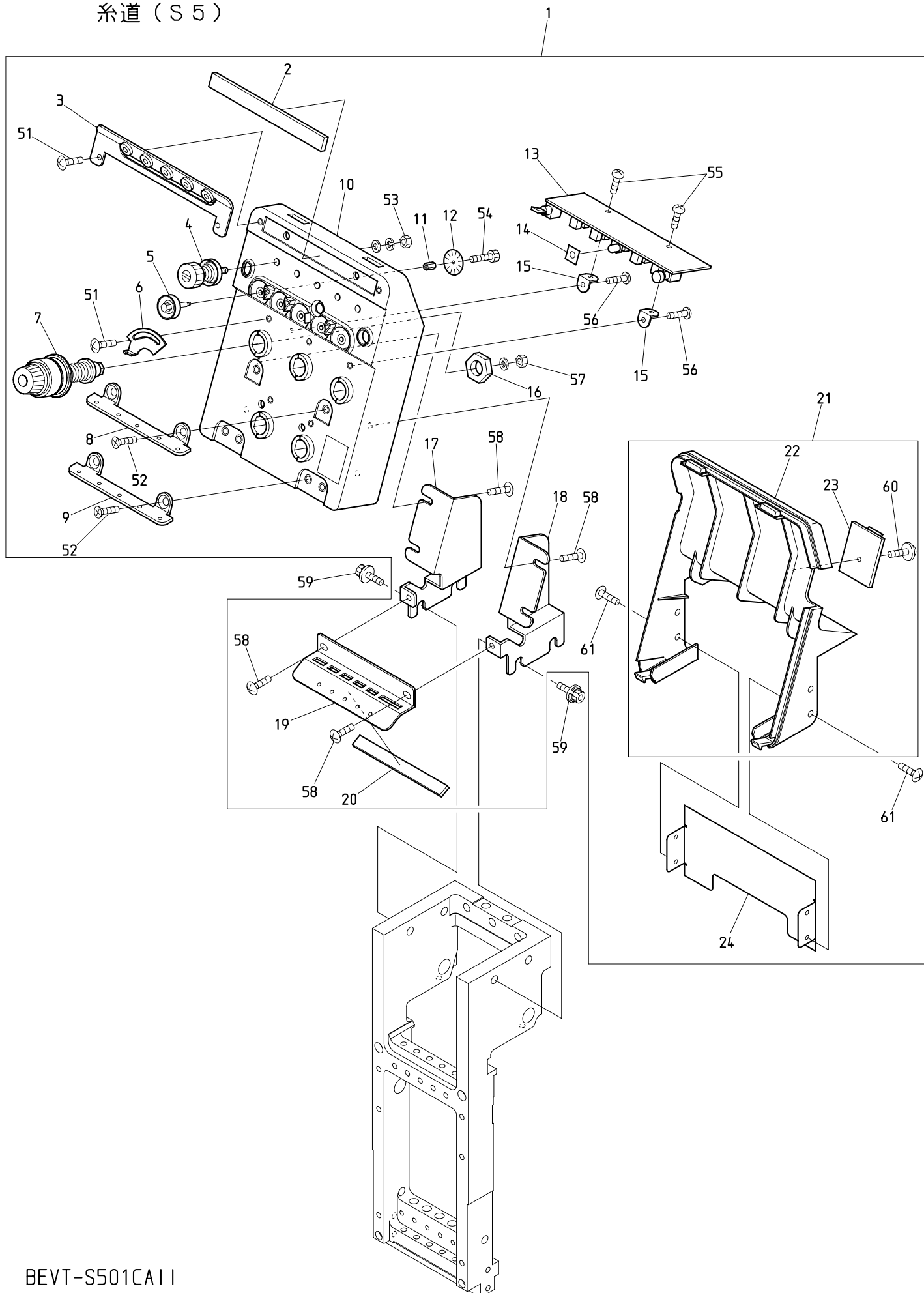


BEVT-S501CA11/S901CA11 BEVT-S1501C11

05 Jump
ジャンプ

[illegible]

06-1 Thread guide (S5)
糸道 (S5)



BEVT-S501CA11

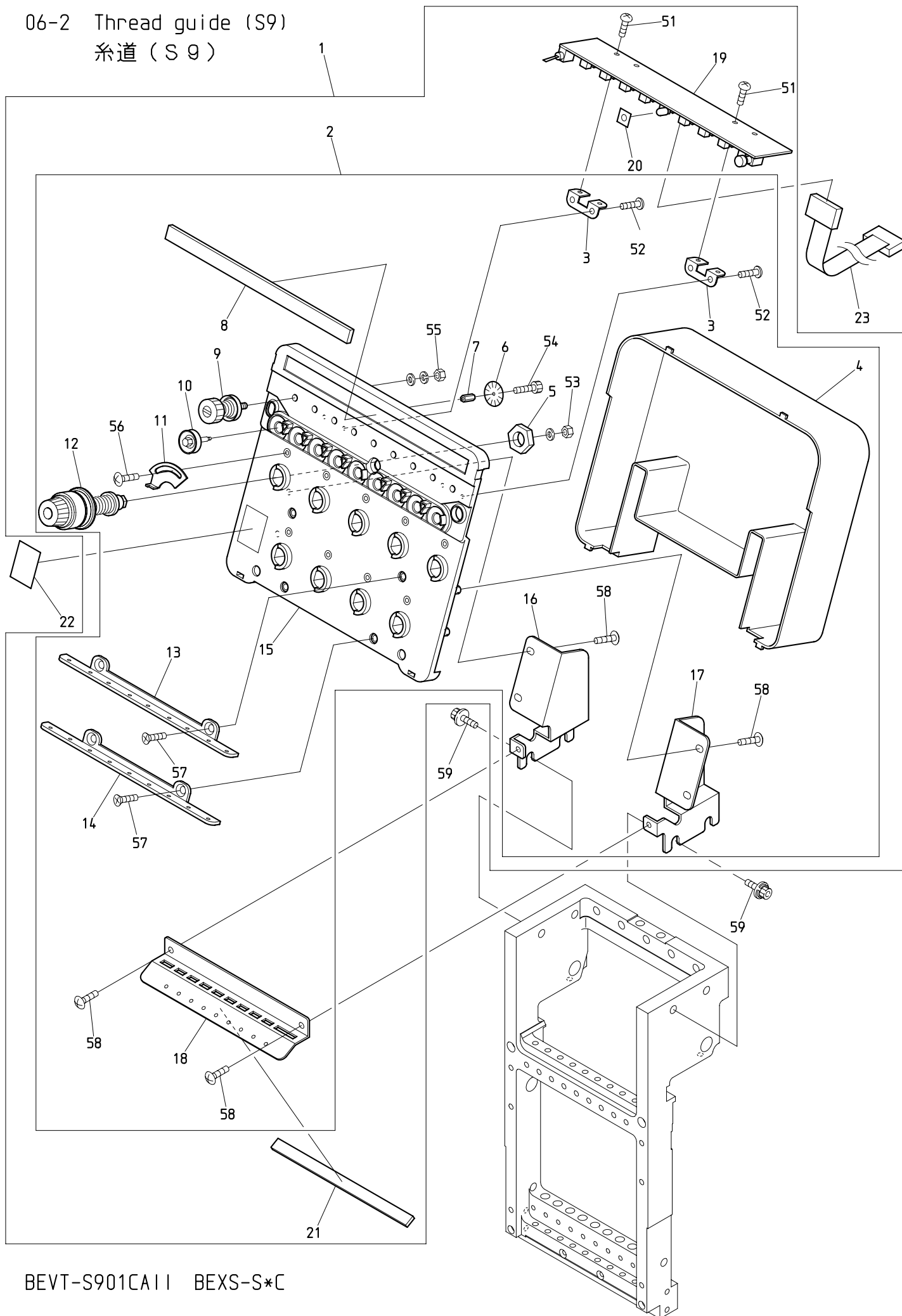
06-1

Thread guide (S5)

糸道 (S 5)

[illegible]

06-2 Thread guide (S9)
糸道 (S9)



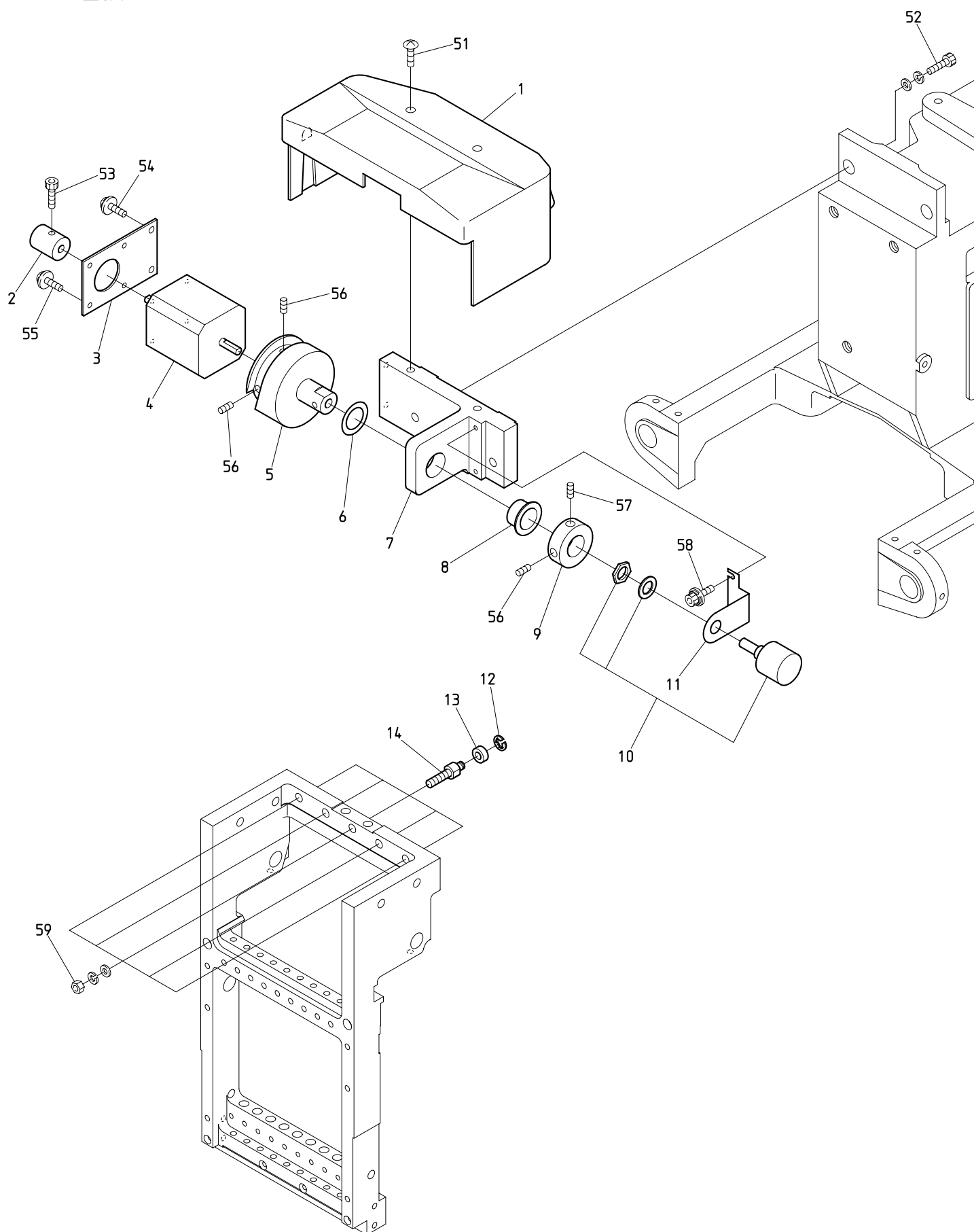
BEVT-S901CA11 BEXS-S*C

0 6 – 2 Thread guide (S9)

糸道 (S 9)

[illegible]

07 Color change 色換え

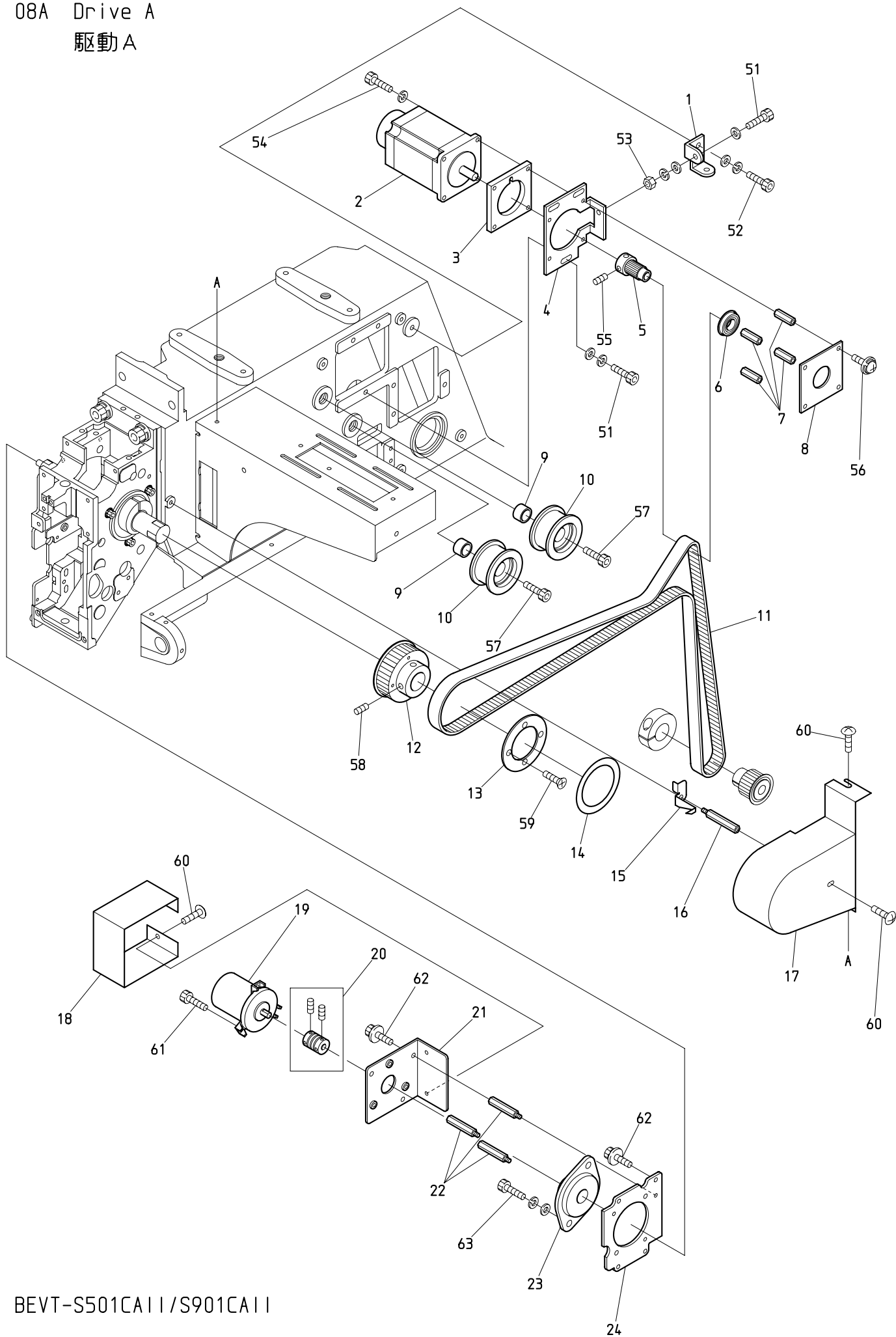


BEVT-S501CA11/S901CA11

色換え

G7 130409

08A Drive A
駆動A



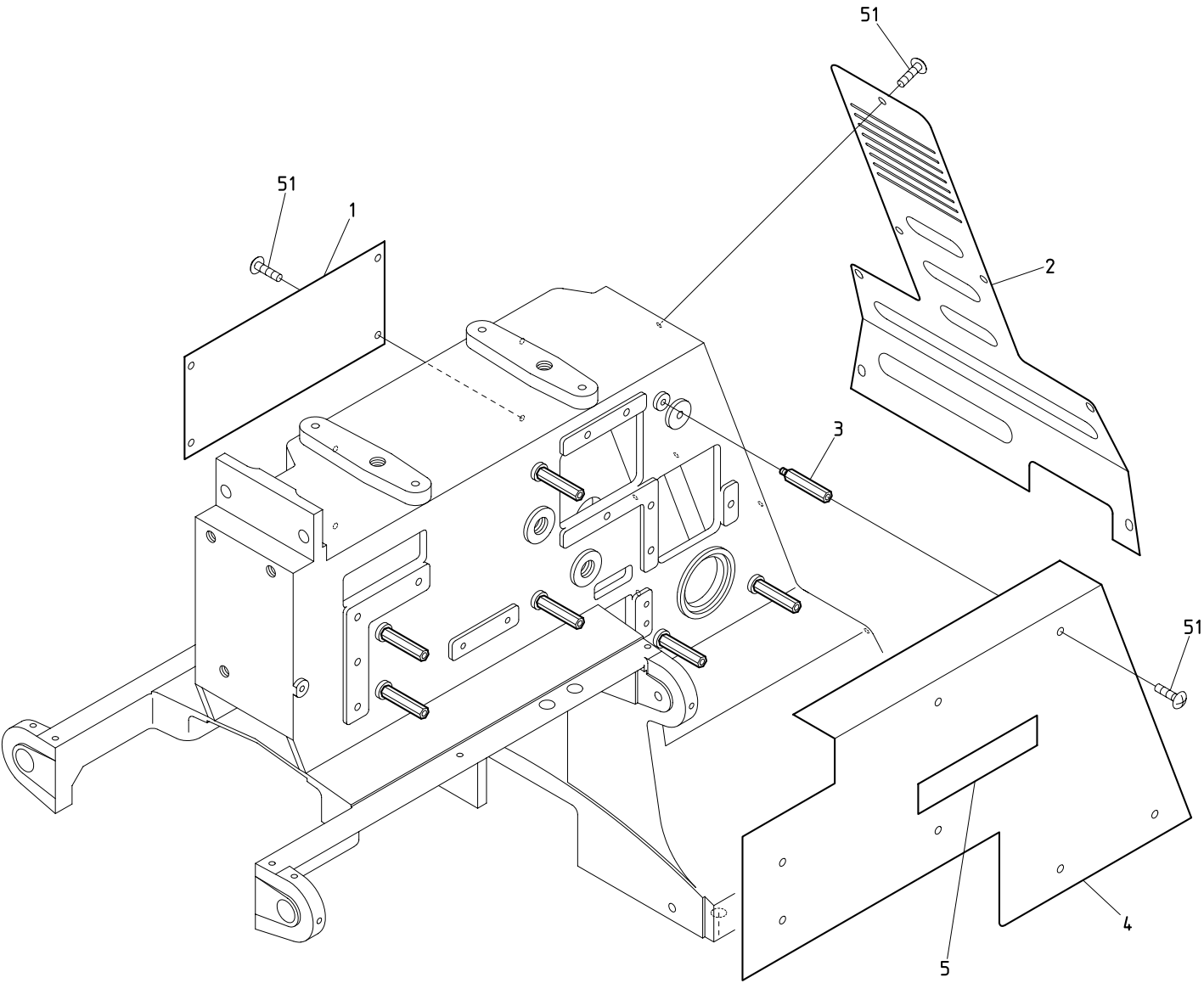
BEVT-S501CA11/S901CA11

08A Drive A

駆動A

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	ME310030	Tension bolt bracket	テンションボルトブラケット	1	
2	EDY00430	200W servo motor (TS4747N3200E600)	200Wサーボモーター (TS4747N3200E600)	1	
3	ME310040	Main shaft motor spacer	主軸モータースペーサー	1	
4	ME310010	Main shaft motor bracet	主軸モーターブラケット	1	
5	ME310000	Main shaft motor pulley (S3M, P=16)	主軸モータープーリー (S3M, P=16)	1	
6	A9010142	Ball bearing with snap ring (6901ZZNR)	ボールベアリング止め輪付 (6901ZZNR)	1	
7	ME310050	Hex. post (PLSFB7-22.5)	六角支柱 (PLSFB7-22.5)	4	
8	ME310020	Main shaft motor bearing plate	主軸モーター軸受プレート	1	
9	MR310010	Idler spacer	アイドラースペーサー	2	
10	A9019097	Idler (TPBSN40-20)	アイドラ (TPBSN40-20)	2	
11	A9020248	Timing belt (B150S3M1305)	タイミングベルト (B150S3M1305)	1	
12	MR310033	Main shaft upper pulley (S3M, P=60)	主軸上プーリー (S3M, P=60)	1	
13	MR310080	Pulley flange	プーリーフランジ	1	
14	MR790000	Rotary angle label	回転角ラベル	1	
15	MR310070	Angle gauge	指針	1	
16	ME250160	Hex. post (PLSBWRK7-40)	六角支柱 (PLSBWRK7-40)	1	
17	ME250081	Main shaft cover (CA II)	主軸カバー (CA II)	1	
18	ME250140	Encoder cover (CA II)	エンコーダーカバー (CA II)	1	
19	MF510000	Encoder (With fixed flange)	エンコーダー (取付フランジ付)	1	
20	A9013071	Coupling (MCJ16-6-6)	カップリング (MCJ16-6-6)	1	
21	ME310070	Encoder bracket (CA II)	エンコーダーブラケット (CA II)	1	
22	MR250030	S-Cover stud	Sカバースタッド	3	
23	SK480030	Frange unit	フランジ形ユニット	1	
24	ME310060	Bearing plate (CA II)	軸受プレート (CA II)	1	
51		Hex. socket bolt M5×30 (With plain washer)	六角穴付ボルト M5×30 (平座金付)		
52		Hex. socket bolt M5×15 (With washers)	六角穴付ボルト M5×15 (平座金 バネ座金付)		
53		Hex. nut M5 (With washers)	六角ナット M5 (平座金 バネ座金付)		
54		Hex. socket bolt M4×20 (With washers)	六角穴付ボルト M4×20 (平座金 バネ座金付)		
55		Hex. socket set screw (Cup point) M5×6	六角穴付止めネジ (くぼみ先) M5×6		
56		Sems pan screw with washers M4×10	座金組込十字穴付ナベ小ネジ M4×10		
57		Hex. socket bolt M12×35	六角穴付ボルト M12×35		
58		Hex. socket set screw (Cup point) M6×8	六角穴付止めネジ (くぼみ先) M6×8		
59		Flush screw M3×6	十字穴付皿小ネジ M3×6		
60		Truss screw M4×6	十字穴付トラス小ネジ M4×6		
61		Hex. socket bolt M4×12	六角穴付ボルト M4×12		
62		Sems hex. socket bolt with washers M4×10	座金組込六角穴付ボルト M4×10		
63		Hex. socket bolt M5×12 (With washers)	六角穴付ボルト M5×12 (平座金 バネ座金付)		

08B Drive B
駆動B

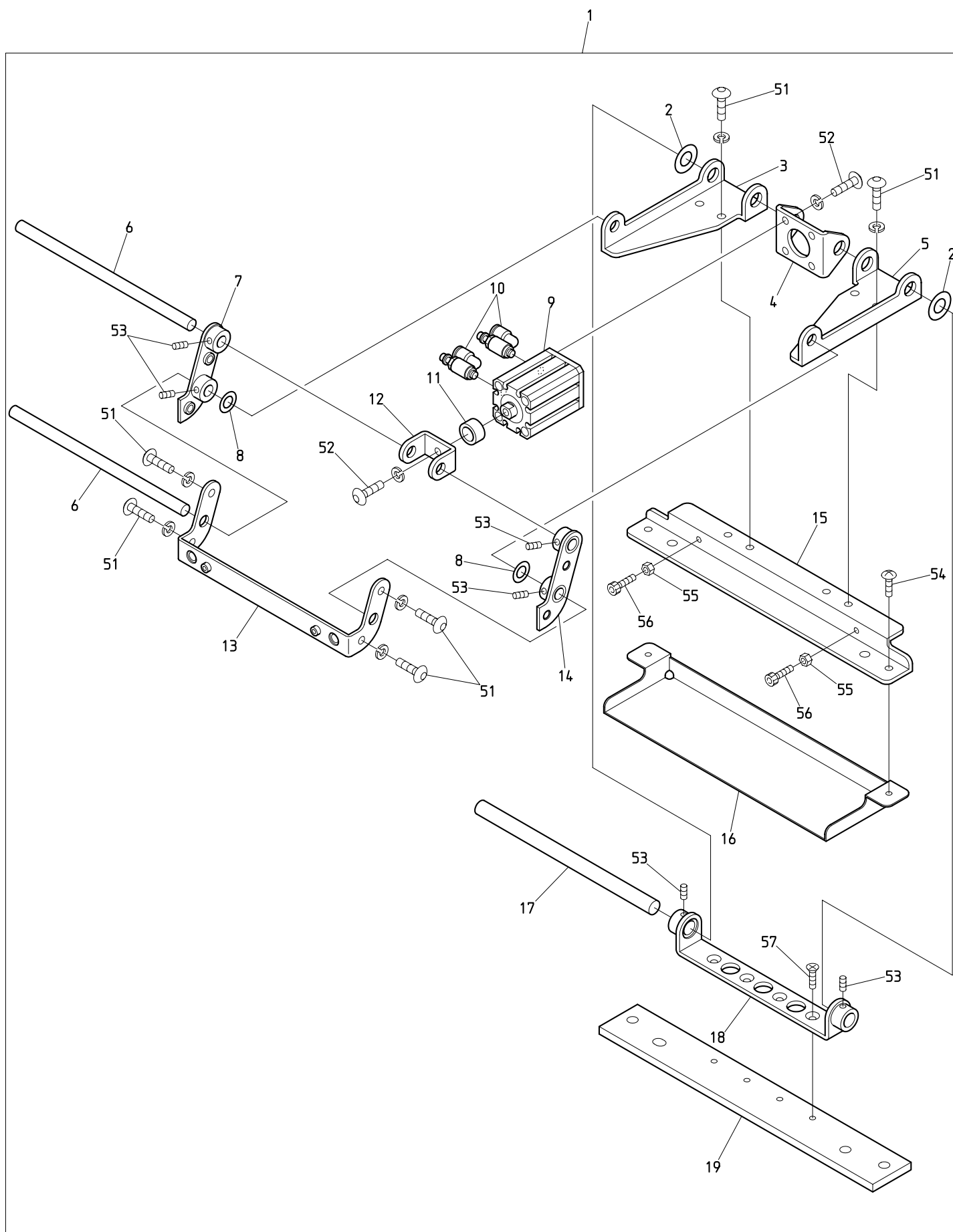


0 8 B Drive B

驅動 B

[illegible]

10A-1-1 Pantograph drive A (S5)
 枠駆動A (S5)

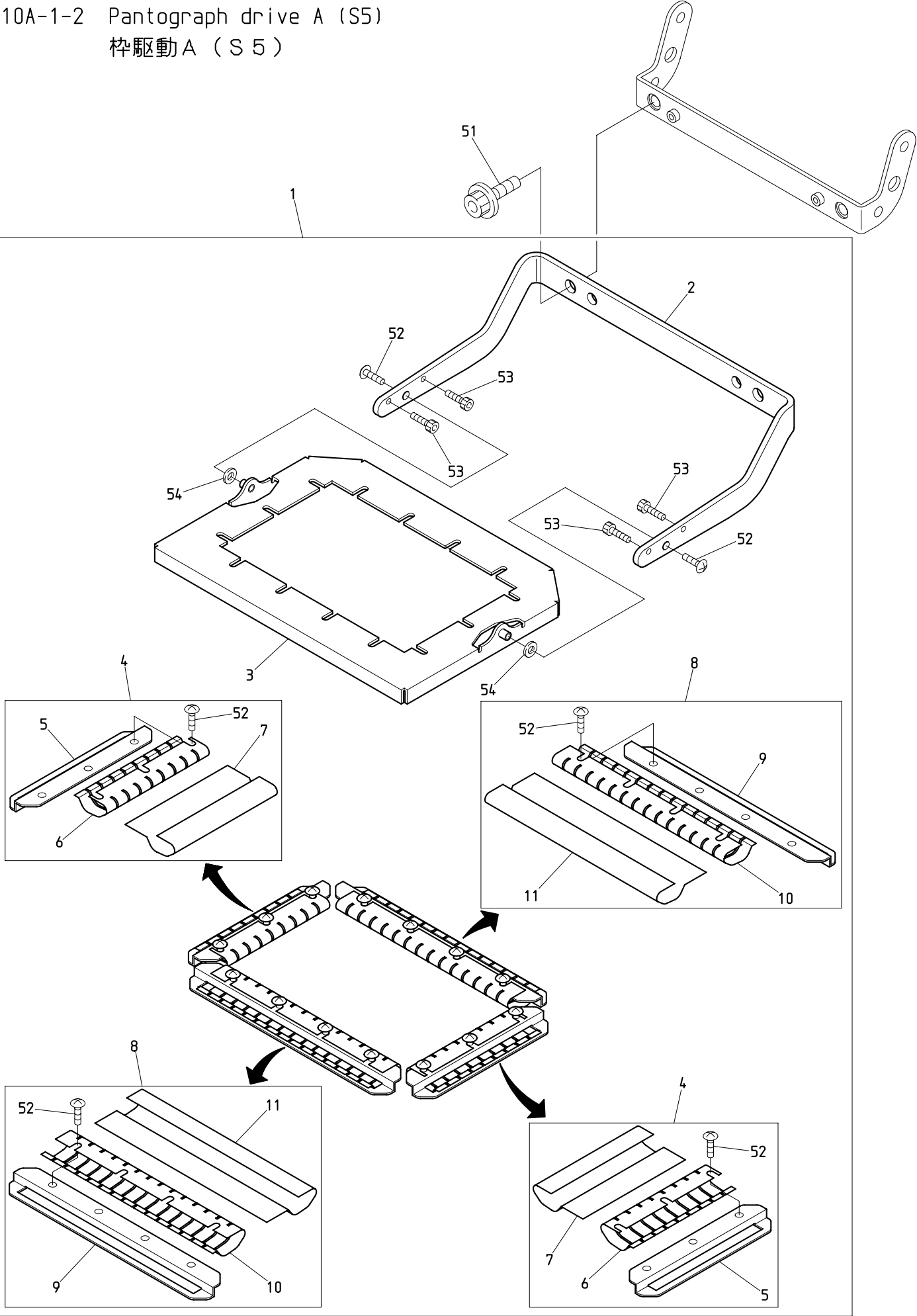


BEVT-S501CA11

1 0 A - 1 - 1 Pantograph drive A (S5)
 棒駆動 A (S5)

[illegible]

10A-1-2 Pantograph drive A (S5)
杵駆動A (S5)

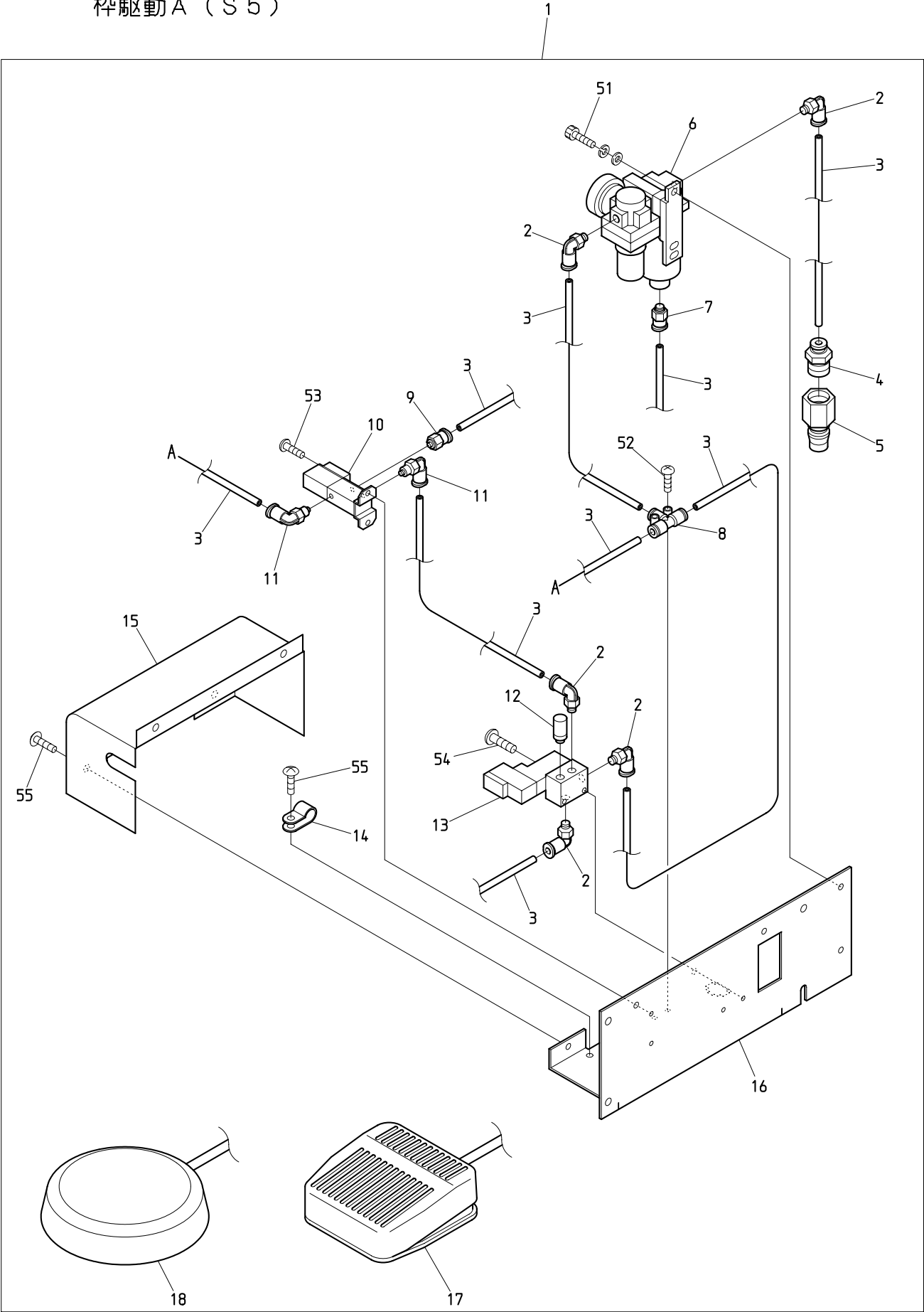


BEVT-S501CA11

10A-1-2 Pantograph drive A (S5)
杵駆動A (S5)

[illegible]

10A-1-3 Pantograph drive A (S5)
杵駆動A (S5)

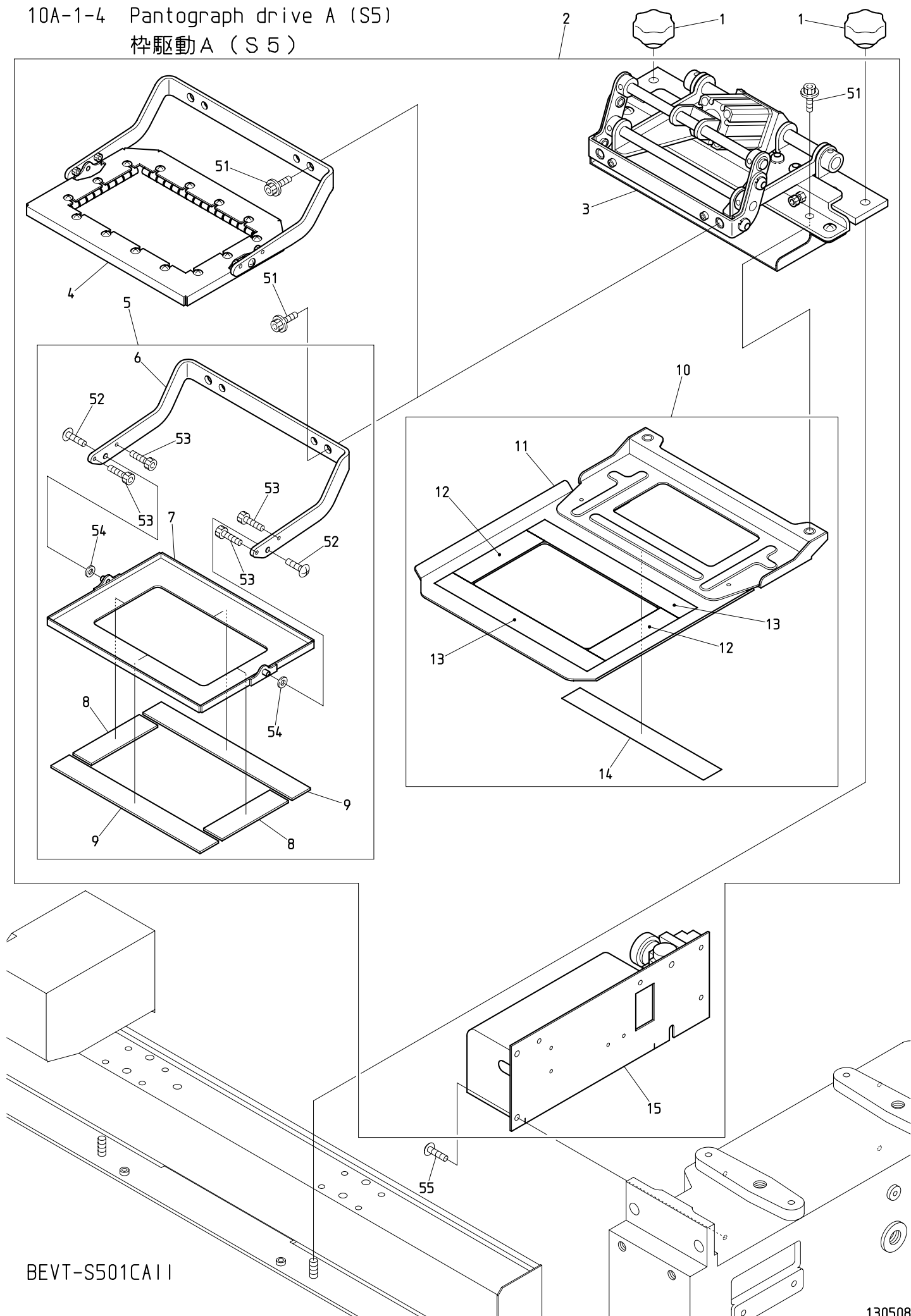


BEVT-S501CA11

10A-1-3 Pantograph drive A (S5)
杵駆動A (S5)

[illegible]

10A-1-4 Pantograph drive A (S5)
 杵駆動 A (S 5)

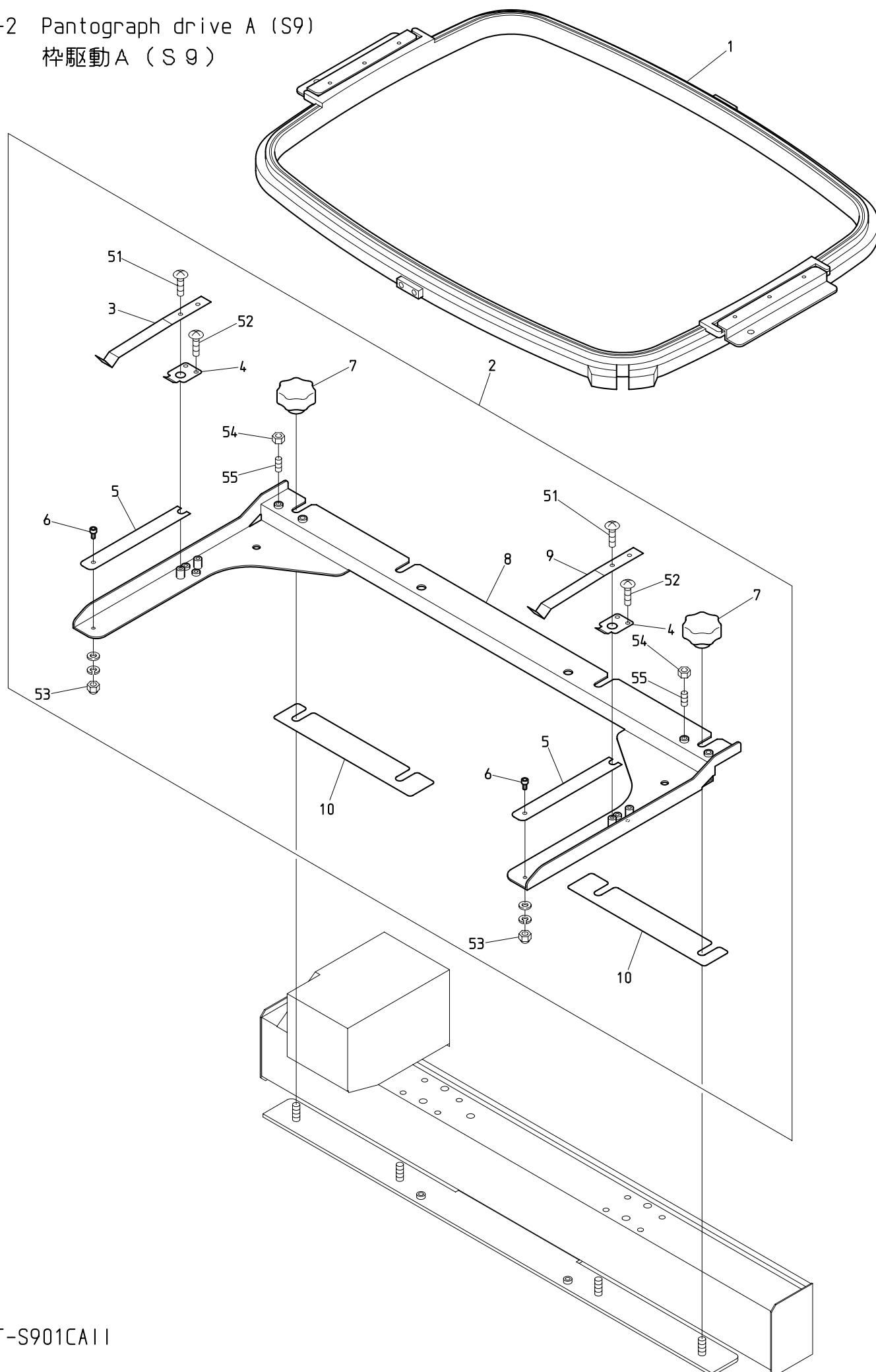


BEVT-S501CA11

1 O A - 1 - 4 Pantograph drive A (S5)
 杵駆動 A (S5)

[illegible]

10A-2 Pantograph drive A (S9)
 枠駆動A (S9)

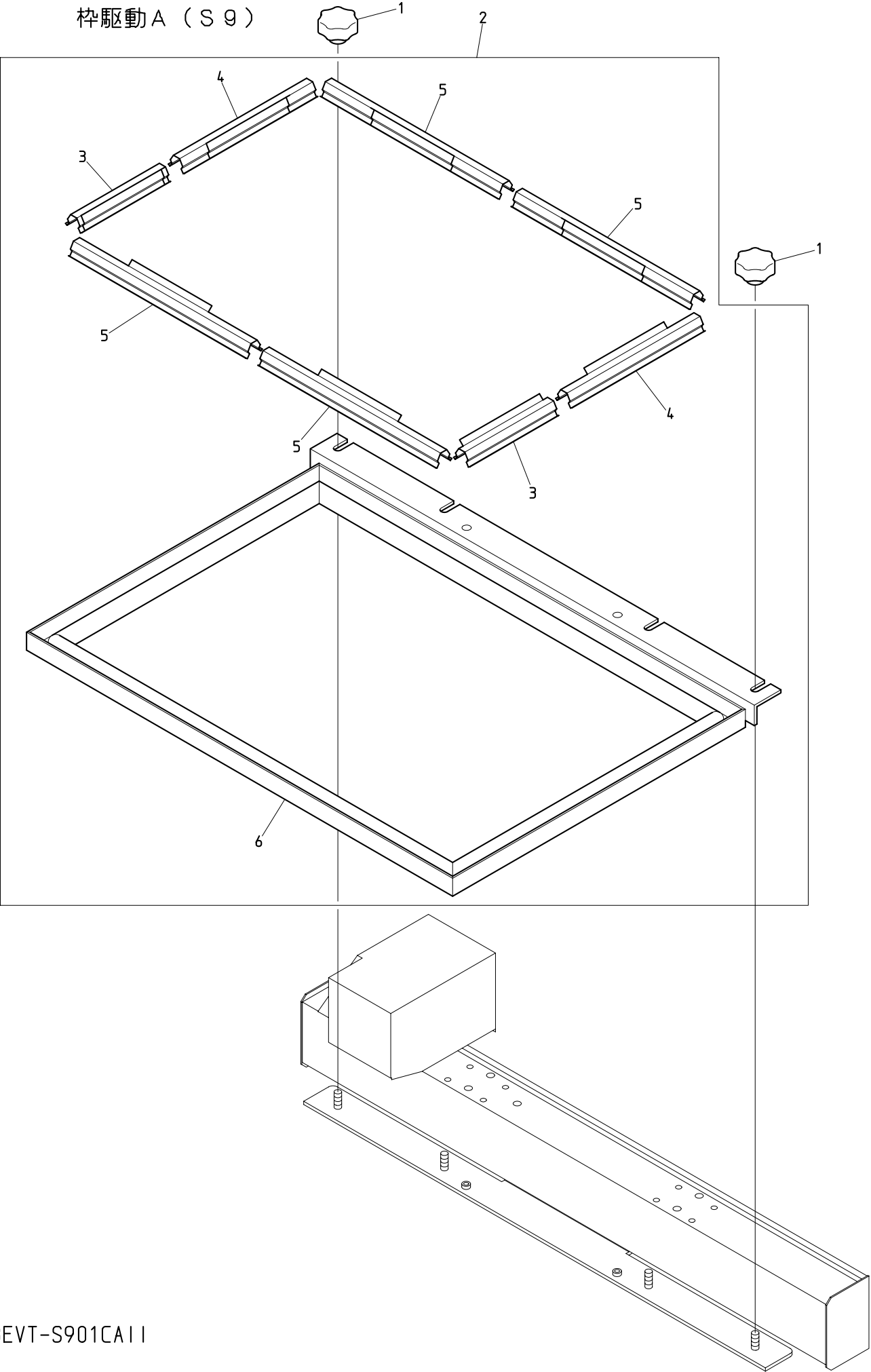


BEVT-S901CA11

杵駆動 A (S 9)

G7

10A-3 Pantograph drive A (S9)
杵駆動 A (S 9)



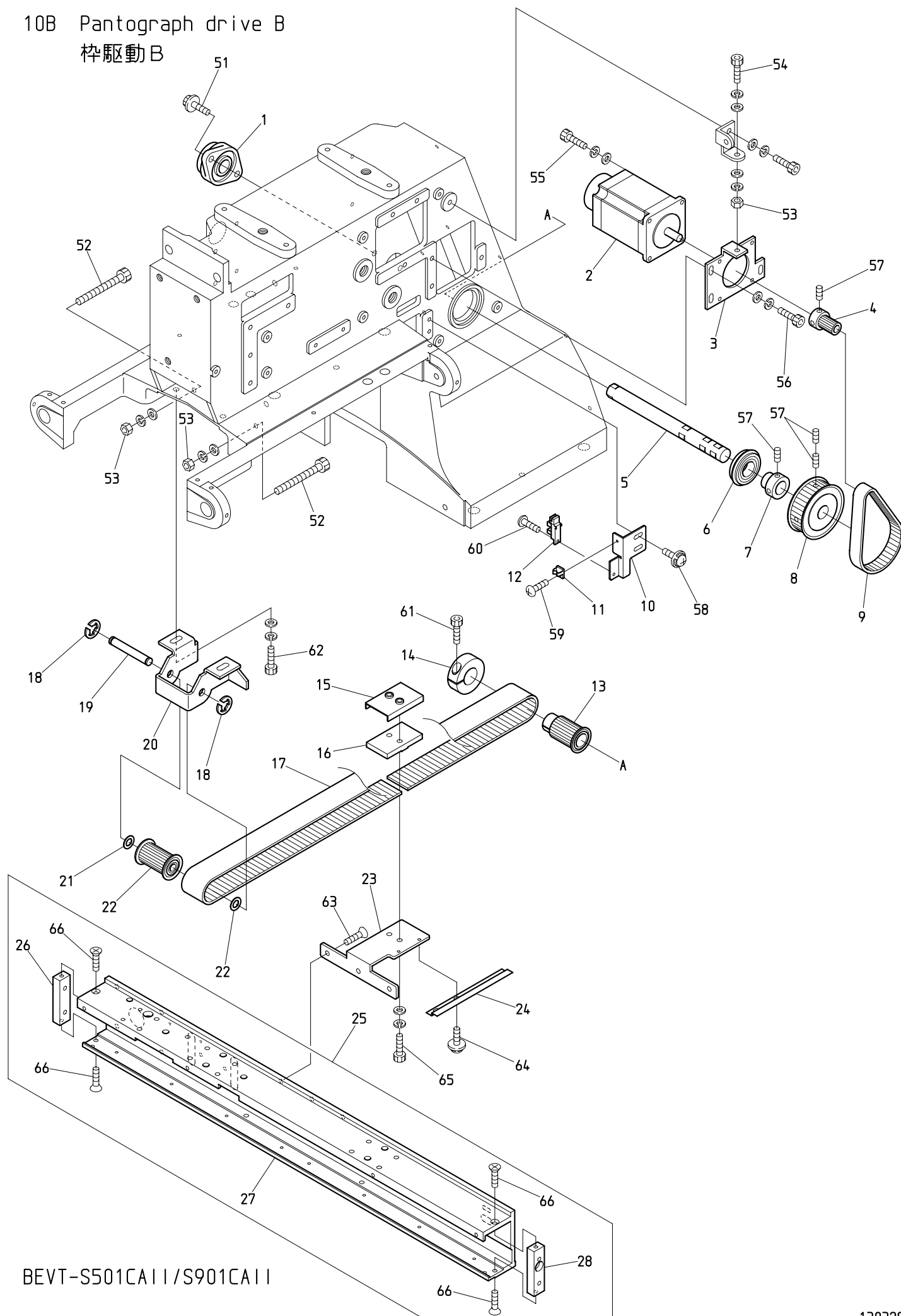
BEVT-S901CA11

1 0 A-3 Pantograph drive A (S9)

杵駆動 A (S 9)

[illegible]

10B Pantograph drive B 杵駆動B



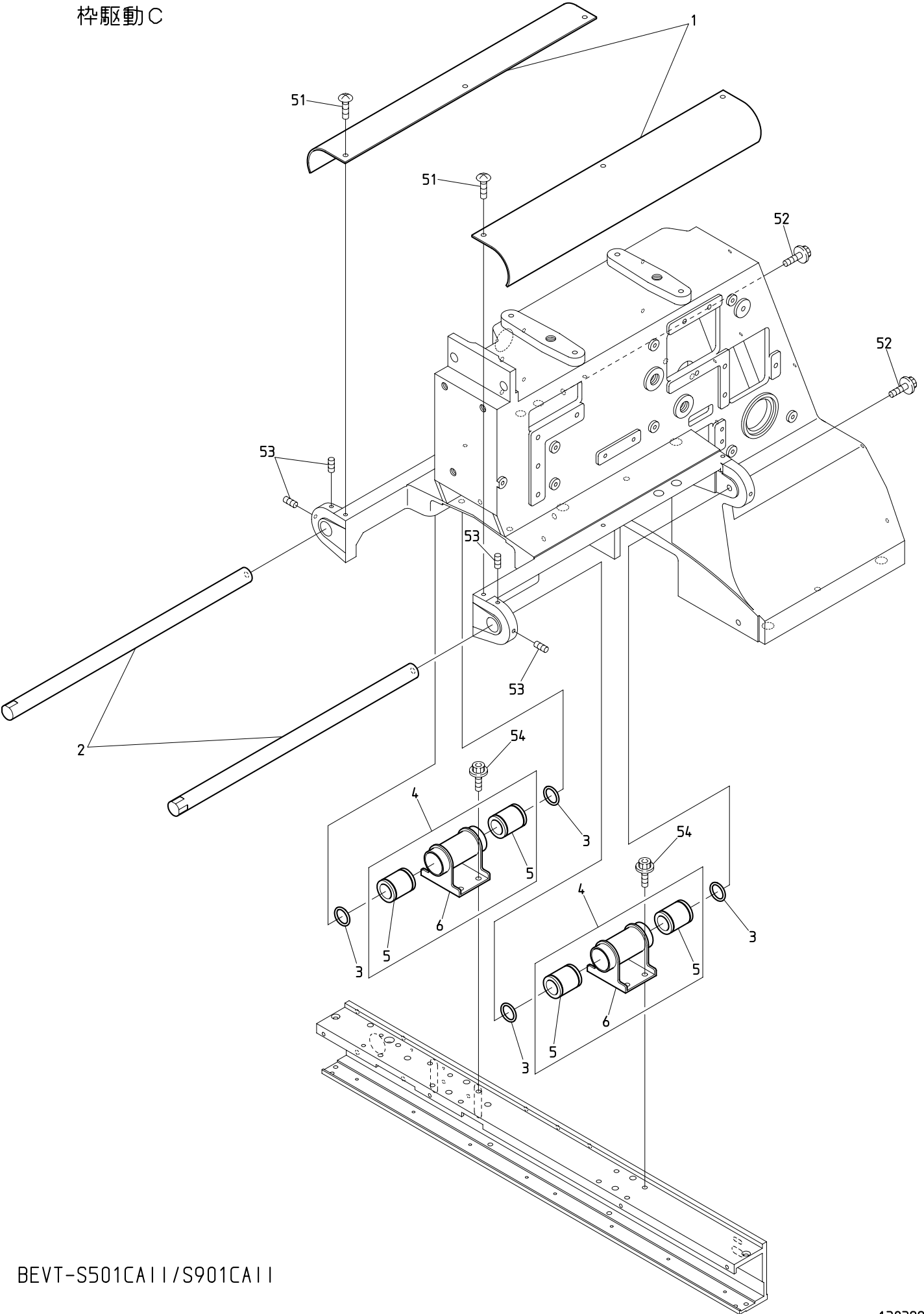
BEVT-S501CA11/S901CA11

10B Pantograph drive B

杵駆動B

ITEM	L I S T No.	DESCRIPTION	部品名	Q' TY	NOTE
1	A9011244	Bearing unit(UFL002D)	軸受ユニット(UFL002D)	1	
2	EDY00430	200W servo motor(TS4747N3200E600)	200Wサーボモーター(TS4747N3200E600)	1	
3	ME480140	H-shaft motor bracket	H軸モーターブラケット	1	
4	MR480220	H,V-shaft motor drive pulley	HV軸モーター駆動プーリー	1	
5	ME480110	H-shaft drive shaft	H軸駆動シャフト	1	
6	A9010141	Deep groove ball bearing(6003ZZNR)	深溝玉軸受(6003ZZNR)	1	
7	ME480160	H-shaft collar	H軸シャフトカラー	1	
8	ME480080	H-shaft timing pulley	H軸モーター従動プーリー	1	
9	A9020247	Timing belt(B150S3M258)	タイミングベルト(B150S3M258)	1	
10	ME480121	H-shaft sensor fixing plate	H軸センサー取付プレート	1	
11	A9068156	Miniature clamp(MB-2)	ミニクランプ(MB-2)	1	
12	EDY00270	Photo interrupter(GP1A75E)	フォトインタラプタ(GP1A75E)	1	
13	ME480020	H-shaft drive pulley	H軸駆動プーリー	1	
14	HH481980	φ19 clamp	φ19割リクランプ	1	
15	ME480150	H-shaft belt clamp set	H軸ベルトクランプ押エ	1	
16	ME480060	H-shaft belt clamp	H軸ベルトクランプ	1	
17	ME480030	Timing belt(030-MA3-20000E-L)	タイミングベルト(030-MA3-20000E-L)	1	
18	A9012051	E-ring φ6	E型止メ輪 φ6	2	
19	ME480050	H-shaft belt tension shaft	H軸ベルトテンションシャフト	1	
20	ME480101	H-shaft belt tension bracket	H軸ベルトテンションブラケット	1	
21	A9012164	Thrust washer(R-TW0815)	ルーロンスラストワッシャー(R-TW0815)	2	
22	ME480040	H-shaft timing pulley	H軸従動プーリー	1	
23	ME480130	H-shaft connecting blacket	H軸連結ブラケット	1	
24	ME480071	H-shaft sensor plate	H軸センサープレート	1	
25	ME480300	V-shaft base(CAⅡ)	V軸ベース(CAⅡ)	1 set	
26	ME480190	V-shaft flame stay L	V軸フレームステーL	1	
27	ME480220	V-shaft base flame(CAⅡ)	V軸ベースフレーム(CAⅡ)	1	
28	ME480180	V-shaft flame stay R	V軸フレームステーR	1	
51		Hex. socket flange bolt M6×18	六角穴付フランジボルト M6×18		
52		Hex. socket bolt M5×30	六角穴付ボルト M5×30		
53		Hex. nut M5(With washers)	六角ナット M5(平座金 バネ座金付)		
54		Hex. socket bolt M5×30(With washers)	六角穴付ボルト M5×30(平座金 バネ座金付)		
55		Hex. socket bolt M4×12(With washers)	六角穴付ボルト M4×12(平座金 バネ座金付)		
56		Hex. socket bolt M5×15(With washers)	六角穴付ボルト M5×15(平座金 バネ座金付)		
57		Hex. socket set screw(Cup point) M5×6	六角穴付止メネジ(くぼみ先) M5×6		
58		Sems pan screw with washers M4×10	座金組込十字穴付ナベ小ネジ M4×10		
59		Pan screw M2.6×5	十字穴付ナベ小ネジ M2.6×5		
60		Pan screw M3×4	十字穴付ナベ小ネジ M3×4		
61		Hex. socket bolt M5×18	六角穴付ボルト M5×18		
62		Hex. socket bolt M6×15(With washers)	六角穴付ボルト M6×15(平座金 バネ座金付)		
63		Hex. socket flush bolt M5×8	六角穴付皿ボルト M5×8		
64		Sems pan screw with washers M3×6	座金組込十字穴付ナベ小ネジ M3×6		
65		Hex. socket bolt M5×20(With washers)	六角穴付ボルト M5×20(平座金 バネ座金付)		
66		Flush screw M4×10	十字穴付皿小ネジ M4×10		

10C Pantograph drive C
杵駆動C



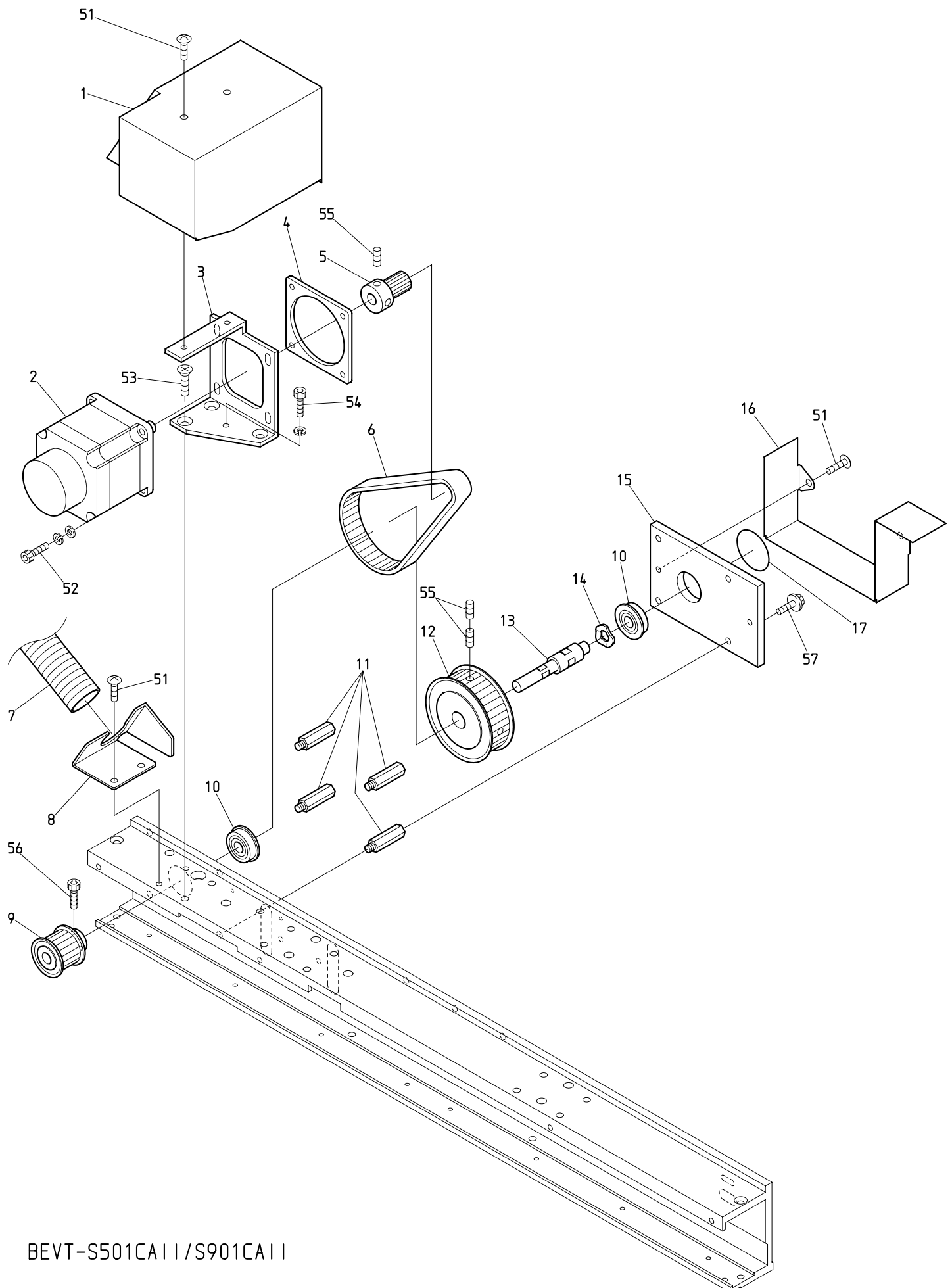
BEVT-S501CA11/S901CA11

10C Pantograph drive C

杵駆動 C

[illegible]

杵駆動 D



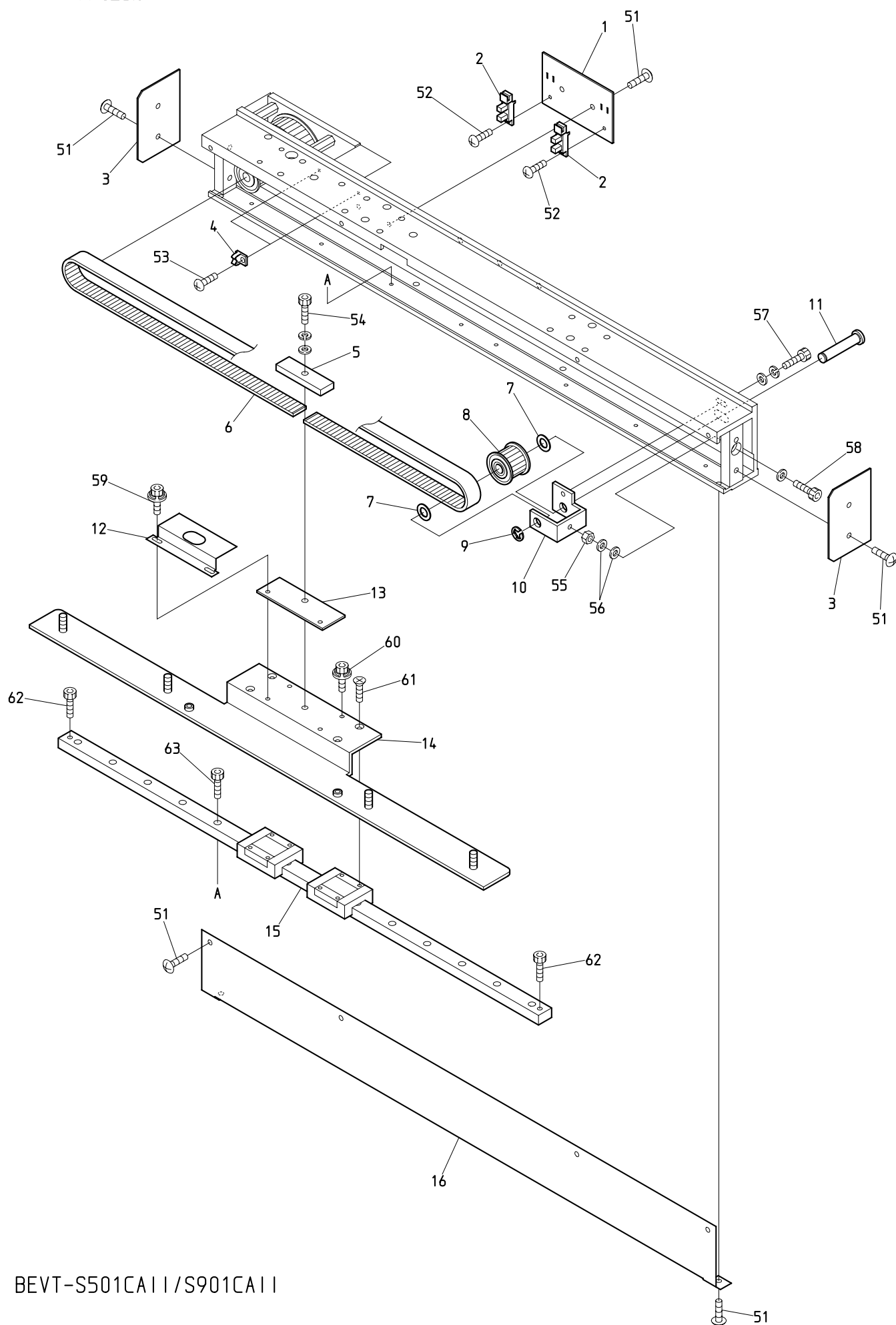
BEVT-S501CAII / S901CAII

1 0 D Pantograph drive D

杵駆動 D

[illegible]

10E Pantograph drive E
杵駆動E

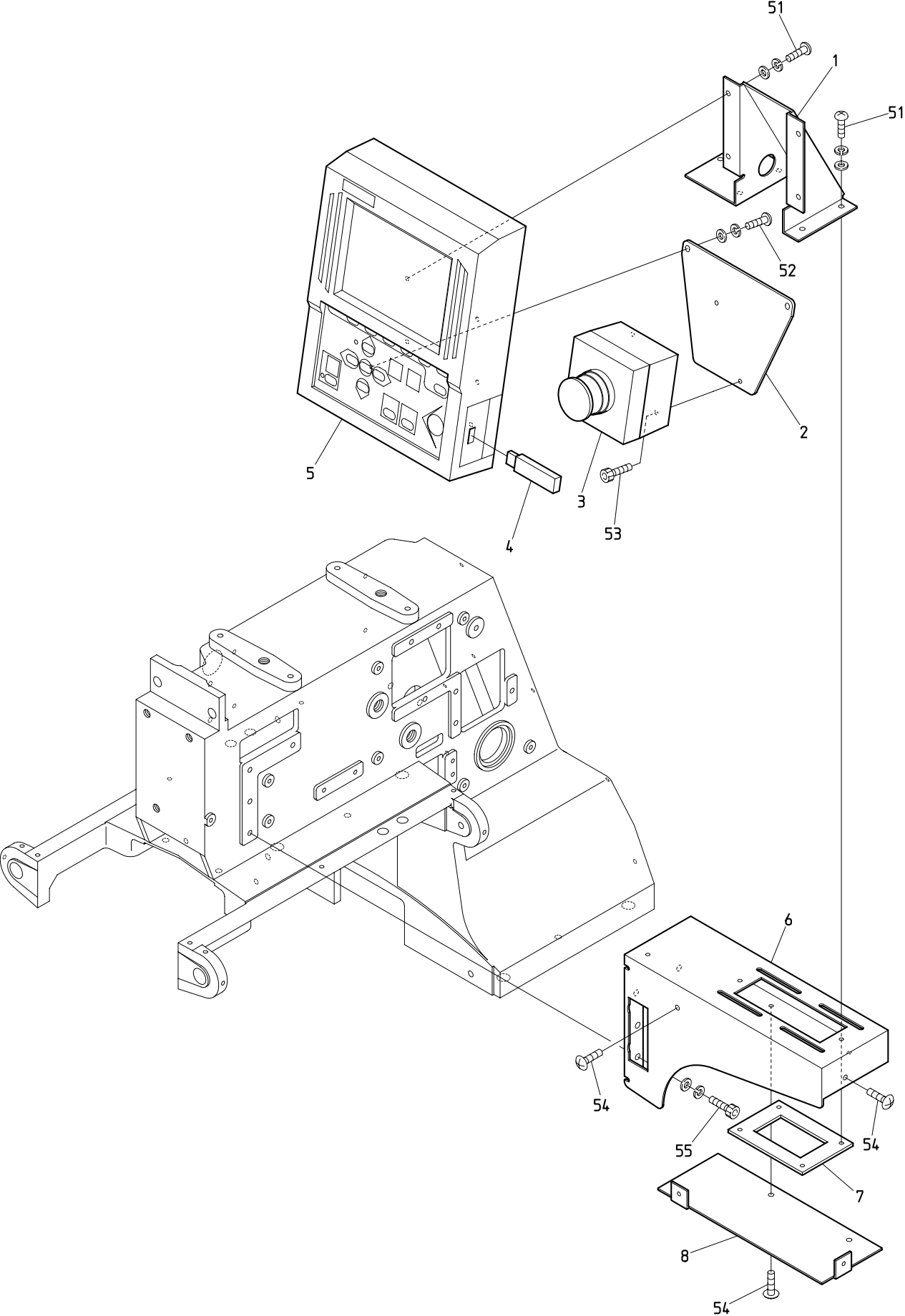


BEVT-S501CA11/S901CA11

棒駆動 E

G7

11A Control A
制御 A



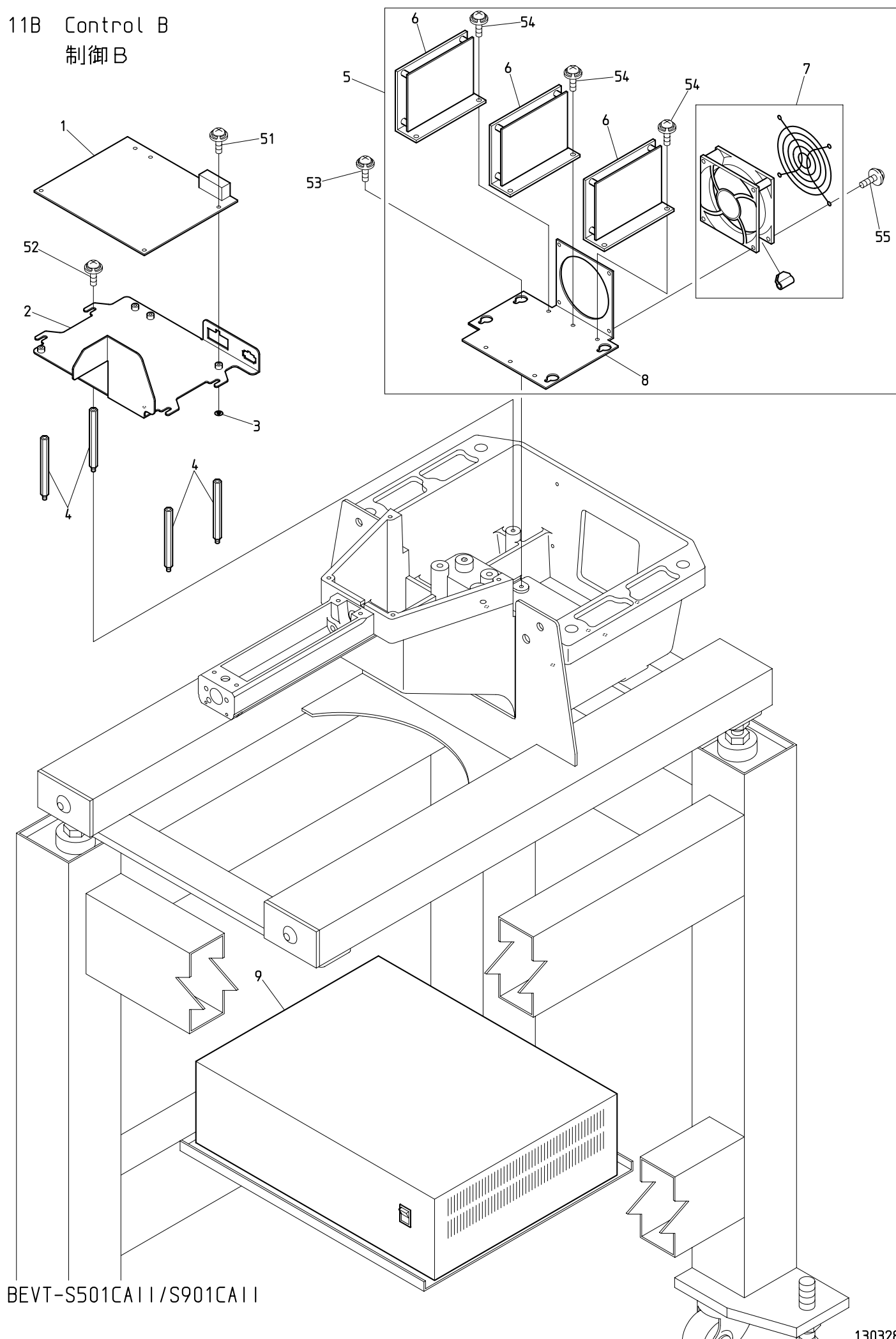
BEVT-S501CA11/S901CA11

1 1 A Control A

制御 A

[illegible]

11B Control B 制御 B

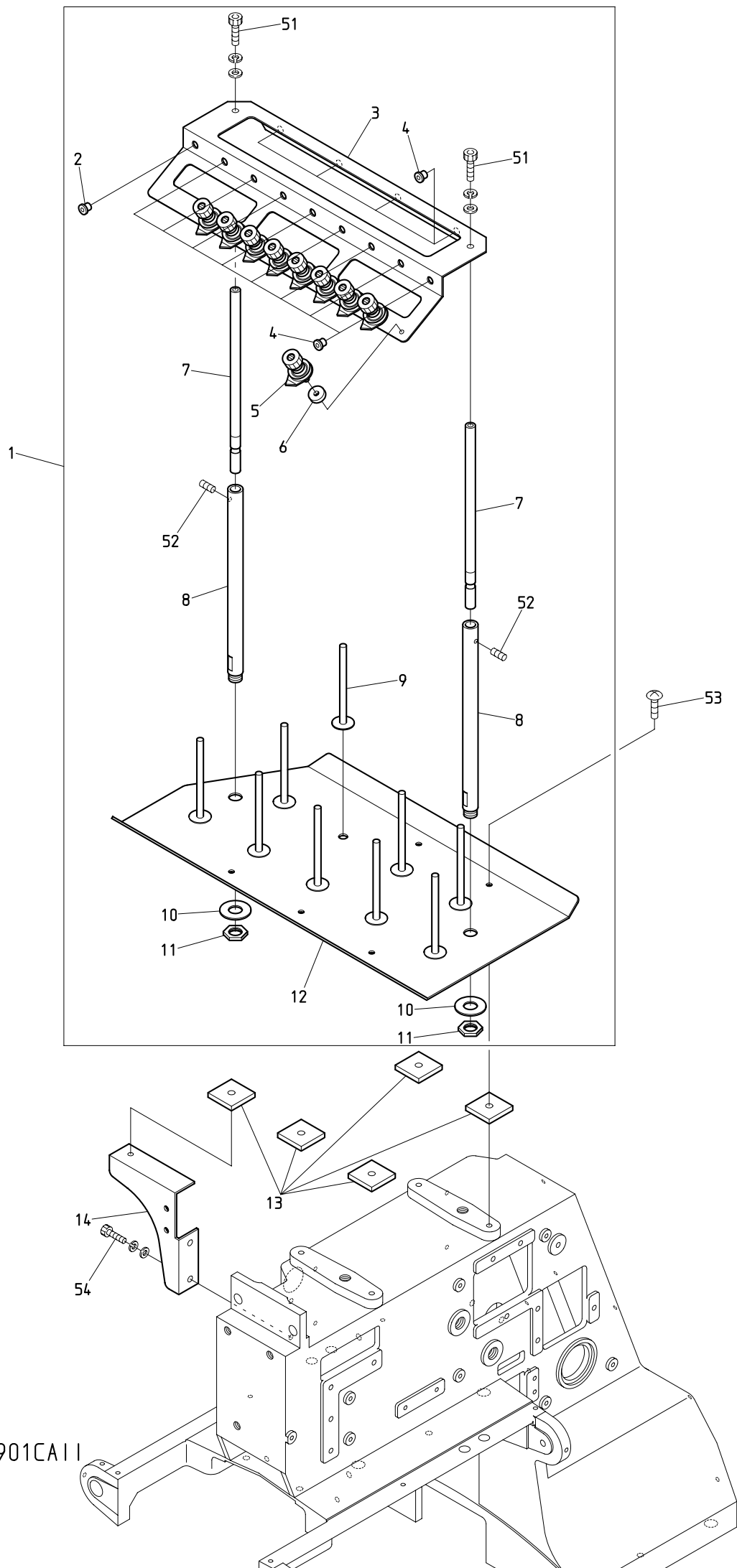


BEVT-S501CA11/S901CA11

制御 B

G7

12 Accessories
付属品



1 2 Accessories

付属品

[illegible]

下糸巻



下糸卷

G7

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
A9010073	0 3	7	A9014179	0 2 D - 1	11
A9010109	0 7	6	A9014179	0 4 D - 1	3
A9010133	1 0 D	10	A9014211	0 2 D - 1	3
A9010136	0 7	13	A9014211	0 2 D - 2	2
A9010139	0 4 B	34	A9014211	0 4 B	21
A9010140	0 3	20	A9014217	1 0 C	3
A9010141	1 0 B	6	A9014219	0 4 E - 1	7
A9010142	0 8 A	6	A9014220	1 0 A - 1 - 1	11
A9010144	0 4 B	9	A9015011	0 2 C	18
A9011244	1 0 B	1	A9019072	1 3	2
A9011285	0 7	8	A9019097	0 8 A	10
A9011286	0 2 B	16	A9019101	1 3	3
A9011313	0 2 C	7	A9019102	1 3	4
A9011322	0 4 A - 2	26	A9019105	0 0 A	6
A9011323	0 4 A - 1	26	A9020246	1 0 D	6
A9012051	1 0 B	18	A9020247	1 0 B	9
A9012051	1 0 E	9	A9020248	0 8 A	11
A9012127	0 5	2	A9052028	0 2 C	12
A9012127	0 7	12	A9052078	0 2 B	20
A9012127	0 2 C	3	A9052107	1 0 A - 1 - 3	18
A9012127	0 4 B	25	A9052108	1 0 A - 1 - 3	17
A9012164	1 0 A - 1 - 1	8	A9054059	1 1 A	4
A9012164	1 0 B	21	A9056040	0 2 A	1
A9012164	1 0 E	7	A9056041	0 2 C	9
A9012421	0 3	8	A9056056	0 5	6
A9012437C	1 0 A - 1 - 4	1	A9056057	0 2 D - 1	4
A9012437C	1 0 A - 2	7	A9056057	0 2 D - 2	3
A9012437C	1 0 A - 3	1	A9059027	0 2 D - 1	9
A9012452	1 0 A - 1 - 1	2	A9059027	0 4 D - 1	1
A9012465	0 2 D - 1	6	A9068002	0 5	1
A9012465	0 2 D - 2	5	A9068032	0 6 - 1	23
A9012471	0 4 B	6	A9068146	0 2 D - 1	1
A9012490	0 1	11	A9068146	0 2 D - 2	8
A9012523	1 1 B	3	A9068155	1 0 D	7
A9012539	0 4 A - 1	8	A9068156	1 0 B	11
A9012539	0 4 A - 2	8	A9068156	1 0 E	4
A9012540	0 4 C	7	A9072045	1 0 A - 1 - 3	10
A9012548	0 4 D - 2	11	A9072046	1 0 A - 1 - 3	13
A9012553	0 0 B	7	A9073095	1 0 A - 1 - 1	9
A9012564	0 4 D - 1	7	A9074136	1 0 A - 1 - 3	12
A9012564	0 4 D - 2	9	A9074140	1 0 A - 1 - 3	6
A9013071	0 8 A	20	A9074144	1 0 A - 1 - 1	10
A9013083	1 0 D	14	A9075080	1 0 A - 1 - 3	2
A9014167	0 4 A - 1	30	A9075117	1 0 A - 1 - 3	3
A9014167	0 4 A - 2	30	A9075119	1 0 A - 1 - 3	7

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
A9075120	1 0 A - 1 - 3	5	HT230750	0 4 B	7
A9075121	1 0 A - 1 - 3	4	HT230760	0 4 B	14
A9075145	1 0 A - 1 - 3	8	HT240101	0 6 - 1	12
A9075146	1 0 A - 1 - 3	11	HT240180	0 6 - 1	16
A9075147	1 0 A - 1 - 3	9	HT240180	0 6 - 2	5
EAY092A11	1 1 A	5	HT240290	0 6 - 1	5
EBY01627	0 6 - 2	23	HT240480	1 2	4
EBY02583	0 6 - 2	19	HT240480	1 3	16
EBY02822	0 6 - 1	13	HT240490	1 2	2
EBY03231	1 1 B	1	HT270063	0 4 D - 1	9
EDY00270	1 0 B	12	HT270063	0 4 D - 2	5
EDY00270	1 0 E	2	HT710000	1 2	9
EDY00410	1 1 B	6	HT710000	1 3	18
EDY00420	1 0 D	2	KC250483	0 1	9
EDY00430	0 8 A	2	KC271001	0 2 A	10
EDY00430	1 0 B	2	KC271940C	0 2 A	4
EDY00440	1 1 B	7	KF220530	0 1	16
EDY00450	1 1 B	5	KF220710	0 1	15
EDY00460	1 1 B	9	KF221020	0 1	17
EDY00600	0 2 B	26	KF230501	0 3	22
EFY00030	1 1 B	8	KF230531	0 5	3
EP534355	1 1 A	3	KF230531	0 4 B	26
EP535140	0 2 D - 2	9	KF230680	0 3	23
EP536170	0 2 D - 2	13	KF232130	0 4 A - 1	17
EP536380	0 2 D - 2	10	KF232130	0 4 A - 2	17
FN070011RG	0 4 A - 1	22	KF710390	1 3	17
FN070011RG	0 4 A - 2	22	KF730760	1 0 A - 3	4
FR92330438A520A	1 0 A - 2	1	KF730770	1 0 A - 3	3
HB230070C	0 3	14	KF730790	1 0 A - 3	5
HB230080C	0 3	15	KL220140	0 1	14
HB230262C	0 4 C	4	KL270450	0 2 C	6
HB230271C	0 4 C	1	KN272401	0 2 A	3
HB230620	0 3	10	KN272401	0 2 C	14
HB230751	0 4 A - 1	4	KN540510	0 6 - 1	11
HB230751	0 4 A - 2	4	KV230040	0 4 A - 1	10
HB230800C	0 3	16	KV230040	0 4 A - 2	10
HH481980	0 1	6	KX250081	0 1	1
HH481980	1 0 B	14	KX250081	0 2 B	1
HP241431C	1 2	5	KX270010	0 2 B	12
HS210051	0 2 A	8	KX270370	0 4 D - 2	13
HS210300	0 2 A	9	KX270430	0 2 A	6
HT230120	0 4 A - 1	18	KX330160	0 7	14
HT230120	0 4 A - 2	18	LA730610	1 0 A - 2	6
HT230340	0 4 B	33	MB295250	0 2 B	18
HT230640	0 4 C	6	MB295270	0 2 B	23

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
ME110003	0 0 A	5	ME250140	0 8 A	18
ME110040	0 0 C	3	ME250150	1 1 B	2
ME110050	0 0 C	1	ME250160	0 8 A	16
ME110060	0 0 C	2	ME250170	1 1 B	4
ME120012	0 0 B	2	ME250180	1 3	20
ME120031	0 0 B	4	ME270010	0 2 A	5
ME120041	0 0 B	3	ME270020	0 2 A	11
ME120053	0 0 B	1	ME270030	0 2 B	25
ME120061	0 0 B	9	ME270050	0 2 B	17
ME120071	0 0 B	8	ME270060	0 4 D - 1	14
ME120080	0 0 B	6	ME270070	0 4 D - 1	16
ME120090	0 0 B	5	ME270080	0 2 A	2
ME210001	0 0 A	1	ME270090	0 1	2
ME210010	0 0 A	3	ME270100	0 2 B	14
ME210050	0 1	3	ME270120	0 2 B	22
ME210080	0 0 A	2	ME270130	0 2 B	24
ME220000	0 1	8	ME270140	0 2 B	15
ME220010	0 1	12	ME310000	0 8 A	5
ME230011	0 5	7	ME310010	0 8 A	4
ME230021	0 2 C	15	ME310020	0 8 A	8
ME230031	0 2 C	11	ME310030	0 8 A	1
ME230051	0 4 A - 2	24	ME310040	0 8 A	3
ME230061	0 2 C	1	ME310050	0 8 A	7
ME230070	0 3	1	ME310060	0 8 A	24
ME230080	0 4 A - 1	24	ME310070	0 8 A	21
ME230121	0 2 C	1	ME480002	1 0 C	5
ME230130	0 2 C	16	ME480013	1 0 C	6
ME230140	0 2 C	17	ME480020	1 0 B	13
ME240000	0 6 - 1	1	ME480030	1 0 B	17
ME250001	1 0 D	16	ME480040	1 0 B	22
ME250011	1 0 E	16	ME480050	1 0 B	19
ME250020	1 0 E	3	ME480060	1 0 B	16
ME250030	1 1 A	7	ME480071	1 0 B	24
ME250040	1 1 A	1	ME480080	1 0 B	8
ME250051	1 1 A	6	ME480092	1 0 C	2
ME250060	1 1 A	8	ME480101	1 0 B	20
ME250070	0 8 B	2	ME480110	1 0 B	5
ME250081	0 8 A	17	ME480121	1 0 B	10
ME250090	0 8 B	4	ME480130	1 0 B	23
ME250100	0 8 B	1	ME480140	1 0 B	3
ME250112	0 4 E - 2	4	ME480150	1 0 B	15
ME250112	0 4 E - 1	4	ME480160	1 0 B	7
ME250122	0 4 E - 2	3	ME480170	1 0 D	4
ME250122	0 4 E - 1	3	ME480180	1 0 B	28
ME250131	1 0 D	1	ME480190	1 0 B	26

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
ME480210	1 0 D	3	ME730070	1 0 A - 1 - 3	16
ME480220	1 0 B	27	ME730080	1 0 A - 1 - 3	15
ME480230	1 0 E	12	ME730090	1 0 A - 1 - 1	19
ME480240	1 0 E	1	ME730101	1 0 A - 1 - 1	15
ME480250	1 0 E	15	ME730121	1 0 A - 1 - 1	14
ME480260	1 0 E	10	ME730131	1 0 A - 1 - 1	7
ME480272	1 0 D	8	ME730140	1 0 A - 1 - 1	12
ME480280	1 0 E	14	ME730151	1 0 A - 1 - 1	17
ME480290	1 0 E	13	ME730160	1 0 A - 1 - 1	6
ME480300	1 0 B	25	ME730170	1 0 A - 1 - 1	4
ME480320	1 0 C	1	ME730181	1 0 A - 1 - 1	18
ME480340	1 0 D	11	ME730191	1 0 A - 1 - 1	13
ME480350	1 0 D	15	ME730200	1 0 A - 1 - 1	5
ME480361	1 0 C	4	ME730210	1 0 A - 1 - 1	3
ME510000	0 2 D - 2	11	ME730220	1 0 A - 1 - 1	16
ME510010	0 2 D - 2	12	ME790000	1 0 D	17
ME510033	0 2 D - 1	13	MF210080	0 2 B	21
ME510042	0 2 D - 1	12	MF270110	0 2 B	19
ME620000	1 3	12	MF510000	0 8 A	19
ME620010	1 3	1	MF510010	0 7	10
ME620020	1 3	19	MG330070	0 7	11
ME620030	1 3	15	MG330080	0 7	9
ME620040	1 3	13	MG330090C	0 7	2
ME710003	1 2	1	MG330110	0 7	4
ME710011	1 2	8	MH230100	0 4 A - 2	16
ME710020	1 2	7	MH620070	1 3	9
ME710030	1 2	12	MH620090	1 3	5
ME710040	1 2	3	MH620120	1 3	7
ME710050	1 2	6	MH620141	1 3	14
ME710061	1 2	11	MH730020	1 0 A - 2	3
ME710070	1 2	14	MH730030	1 0 A - 2	9
ME710080	1 2	13	MH730060	1 0 A - 2	4
ME710092	1 2	1	MH730071	1 0 A - 2	5
ME710100	1 2	3	MH730150	1 0 A - 2	10
ME710110	1 2	12	MK230080C	0 4 C	11
ME710130	1 2	10	MK510100	0 2 D - 2	14
ME730001	1 0 A - 2	2	MN240090	0 6 - 1	10
ME730011	1 0 A - 2	8	MN240100	0 6 - 1	21
ME730020	1 0 A - 3	6	MN240110	0 6 - 1	24
ME730030	1 0 A - 3	2	MN240120	0 6 - 1	3
ME730041	1 0 A - 1 - 4	2	MN270190	0 4 D - 1	17
ME730050	1 0 A - 1 - 3	1	MN630020	0 2 D - 1	10
ME730050	1 0 A - 1 - 4	15	MN630020	0 4 D - 1	2
ME730061	1 0 A - 1 - 1	1	MN630030	0 4 D - 1	4
ME730061	1 0 A - 1 - 4	3	MN730181	1 0 A - 1 - 2	6

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
MN730191	1 0 A - 1 - 2	6	MR480210	1 0 E	8
MN730211	1 0 A - 1 - 2	6	MR480220	1 0 B	4
MN730211	1 0 A - 1 - 2	10	MR480220	1 0 D	5
MN730221	1 0 A - 1 - 2	10	MR480240	1 0 D	12
MN730320	1 0 A - 1 - 4	14	MR480260	1 0 E	11
MN730400	1 0 A - 1 - 4	8	MR510002	1 1 A	2
MN730410	1 0 A - 1 - 4	8	MR620042	1 3	10
MN730430	1 0 A - 1 - 4	9	MR620062	1 3	8
MN730600	1 0 A - 1 - 2	5	MR620072	1 3	6
MN730610	1 0 A - 1 - 2	5	MR620110	1 3	11
MN730630	1 0 A - 1 - 2	5	MR730220	1 0 A - 1 - 2	1
MN730630	1 0 A - 1 - 2	9	MR730220	1 0 A - 1 - 4	4
MN730640	1 0 A - 1 - 2	9	MR730230	1 0 A - 1 - 2	1
MN730650	1 0 A - 1 - 2	7	MR730230	1 0 A - 1 - 4	4
MN730650	1 0 A - 1 - 2	11	MR730240	1 0 A - 1 - 2	1
MN730650	1 0 A - 1 - 4	12	MR730240	1 0 A - 1 - 4	4
MN730650	1 0 A - 1 - 4	13	MR730251	1 0 A - 1 - 4	10
MN730660	1 0 A - 1 - 2	4	MR730261	1 0 A - 1 - 4	10
MN730670	1 0 A - 1 - 2	4	MR730271	1 0 A - 1 - 4	10
MN730690	1 0 A - 1 - 2	4	MR730281	1 0 A - 1 - 4	5
MN730690	1 0 A - 1 - 2	8	MR730291	1 0 A - 1 - 4	4
MN730700	1 0 A - 1 - 2	8	MR730300	1 0 A - 1 - 2	2
MN731070	1 0 A - 1 - 2	3	MR730310	1 0 A - 1 - 2	2
MN731090	1 0 A - 1 - 2	3	MR730320	1 0 A - 1 - 2	2
MN731110	1 0 A - 1 - 2	3	MR730331	1 0 A - 1 - 4	11
MN731170	1 0 A - 1 - 4	9	MR730341	1 0 A - 1 - 4	11
MR220001	0 1	5	MR730351	1 0 A - 1 - 4	11
MR220020	0 1	4	MR730361	1 0 A - 1 - 4	6
MR220030	0 1	13	MR730371	1 0 A - 1 - 4	6
MR250010	0 7	1	MR730390	1 0 A - 1 - 4	7
MR250030	0 8 A	22	MR730400	1 0 A - 1 - 4	7
MR250030	0 8 B	3	MR790000	0 8 A	14
MR310010	0 8 A	9	MR790020	0 8 B	5
MR310020	0 3	26	NB0HT230220	0 4 B	4
MR310033	0 8 A	12	NB0HT240101	0 6 - 2	6
MR310041	0 1	7	NB0HT240290	0 6 - 2	10
MR310070	0 8 A	15	NB0KN272402	0 5	8
MR310080	0 8 A	13	NB0KX270050	0 4 D - 2	14
MR330000	0 7	5	NB0PC240060	0 6 - 2	15
MR330020	0 7	7	NB0PE240010	0 6 - 2	4
MR330030	0 7	3	NB0QJ210060	0 1	10
MR480060C	1 0 D	13	NB0QK230000	0 4 C	5
MR480111	1 0 E	5	NB0QK230010	0 4 C	3
MR480170	1 0 E	6	NB0QK230020	0 4 C	9
MR480200	1 0 D	9	NB0QK230050	0 4 B	20

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
NBQK230070	O 4 B	28	QH230230	O 4 B	10
NBQK230082	O 4 B	15	QJ210010	O 0 A	4
NBQK230181	O 4 B	2	QJ270001	O 2 B	2
NBQK230200	O 4 B	3	QJ270011	O 2 B	3
NBQK230210	O 3	24	QJ270020	O 2 B	7
NBQK230220	O 3	12	QJ270030	O 2 B	10
NBQK230230	O 3	11	QJ270040	O 2 B	9
NBQK230300	O 4 A - 1	3	QJ270060	O 2 B	6
NBQK230300	O 4 A - 2	3	QJ270070	O 2 B	11
NBQK230330	O 4 A - 2	28	QJ270080	O 2 B	5
NBQK230390	O 4 A - 1	25	QJ270090	O 2 B	13
NBQK230390	O 4 A - 2	25	QJ270100	O 2 B	4
NBQK230420	O 4 A - 2	29	QJ270140	O 2 B	8
NBQK240011	O 5	5	QK210001	O 2 C	19
NBQK240020	O 5	9	QK230040	O 4 C	10
NBQK240080	O 6 - 2	18	QK230060C	O 4 B	16
NBQK240100	O 6 - 2	16	QK230091C	O 4 B	18
NBQK240110	O 6 - 2	17	QK230111	O 4 B	22
NBQK250000	O 4 E - 2	1	QK230121C	O 4 B	24
NBQK250000	O 4 E - 1	1	QK230151C	O 4 B	32
NBQK250050	O 4 E - 2	5	QK230170	O 4 B	1
NBQK270000	O 2 C	5	QK230190C	O 4 B	5
NBQK270010	O 2 C	8	QK230240	O 3	9
NBQK270021	O 2 C	13	QK230250C	O 3	21
NBQK270031	O 2 C	11	QK230271	O 3	19
NBQK270040	O 2 C	2	QK230280C	O 4 A - 1	27
NBQK270050	O 2 C	4	QK230280C	O 4 A - 2	27
NBQK270070	O 2 C	10	QK230291C	O 4 A - 1	12
NBQK270190	O 4 D - 2	12	QK230291C	O 4 A - 2	12
NBQK240280	O 6 - 2	8	QK230310C	O 4 A - 1	5
NBQK240310	O 6 - 2	13	QK230310C	O 4 A - 2	5
NBQK240320	O 6 - 2	14	QK230320C	O 4 B	35
NBQK240330	O 6 - 2	3	QK230340	O 4 A - 2	31
NBQK240390	O 6 - 2	22	QK230350C	O 4 A - 1	14
NBQK240510	O 6 - 1	6	QK230350C	O 4 A - 2	14
NBQK240510	O 6 - 2	11	QK230360C	O 4 A - 1	23
NBQK240660	O 6 - 2	20	QK230360C	O 4 A - 2	23
NB2QK230031	O 4 C	2	QK230370C	O 4 A - 1	9
NB2QK230260	O 3	17	QK230370C	O 4 A - 2	9
NB2QK240090	O 6 - 2	2	QK230380C	O 4 A - 1	7
NB2RD240154	O 6 - 2	12	QK230380C	O 4 A - 2	7
PE270020	O 4 D - 2	2	QK230440	O 4 E - 2	2
PF270040	O 4 D - 1	8	QK230440	O 4 E - 1	2
PF270040	O 4 D - 2	4	QK230451	O 4 A - 1	6
PF270050	O 4 D - 2	6	QK230451	O 4 A - 2	6

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
QK230460	O 4 B	23	QK270310	O 4 D - 1	10
QK230520	O 4 A - 1	1	RD240154	O 6 - 1	7
QK230520	O 4 A - 2	1	RH230271	O 3	13
QK230530	O 4 A - 1	13	RH230330C	O 3	25
QK230530	O 4 A - 2	13	RH230440	O 4 A - 1	19
QK230561	O 4 A - 1	11	RH230440	O 4 A - 2	19
QK230561	O 4 A - 2	11	RH230450	O 4 A - 1	20
QK230590	O 4 A - 1	2	RH230450	O 4 A - 2	20
QK230590	O 4 A - 2	2	RH230460	O 4 A - 1	21
QK230600	O 3	2	RH230460	O 4 A - 2	21
QK230610	O 3	1	RH230610	O 3	18
QK230620	O 4 A - 1	28	RN230010	O 3	3
QK230630	O 4 A - 1	31	RN230020C2	O 3	4
QK230640	O 4 A - 1	29	RN230030	O 3	5
QK230650	O 4 B	19	RN230040	O 3	6
QK230660	O 4 B	31	RR230131	O 4 B	11
QK230671	O 4 B	17	RR230140	O 4 B	13
QK230680	O 4 B	30	RR230151	O 4 B	12
QK230710	O 4 B	8	RR240300C	O 6 - 1	4
QK240040C	O 5	4	RR240300C	O 6 - 2	9
QK240070	O 4 E - 2	6	RR240660	O 6 - 1	14
QK240180	O 6 - 2	1	RR240670	O 6 - 2	7
QK240190	O 4 E - 1	8	SG230180	O 4 B	27
QK240210	O 6 - 1	18	SG230190	O 4 B	29
QK240220	O 6 - 1	17	SG230220	O 4 A - 1	15
QK240230	O 6 - 1	19	SG230220	O 4 A - 2	15
QK240240	O 6 - 1	20	SG230270	O 4 C	8
QK250020C	O 2 C	21	SJ210171	O 2 A	7
QK250030	O 2 C	20	SK480030	O 8 A	23
QK250391	O 4 E - 1	5	SL270040	O 4 D - 1	13
QK250400	O 4 E - 1	6	SL270040	O 4 D - 2	8
QK270100C	O 2 D - 1	8	SP240070	O 6 - 1	22
QK270100C	O 2 D - 2	7	SP240080	O 6 - 1	2
QK270110	O 2 D - 1	2	SP240090	O 6 - 1	8
QK270110	O 2 D - 2	1	SP240100	O 6 - 1	9
QK270120	O 2 D - 1	7	SP240110	O 6 - 1	15
QK270120	O 2 D - 2	6	SU230082	O 4 A - 1	16
QK270130C	O 2 D - 1	5	SU270041	O 4 D - 1	6
QK270130C	O 2 D - 2	4	SU270051	O 4 D - 1	12
QK270143	O 4 D - 2	1	SU270070	O 4 D - 1	15
QK270150	O 4 D - 2	3	SW240030	O 6 - 2	21
QK270180	O 4 D - 2	10			
QK270280	O 4 D - 2	7			
QK270291	O 4 D - 1	5			
QK270300	O 4 D - 1	11			