

Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

MODEL **BEVS-Y9/Y7**

PARTS LIST

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BEVS-Y9/Y7
HIGH SPEED AUTOMATIC EMBROIDERY MACHINE
高速自動刺繍マシン

C O N T E N T S

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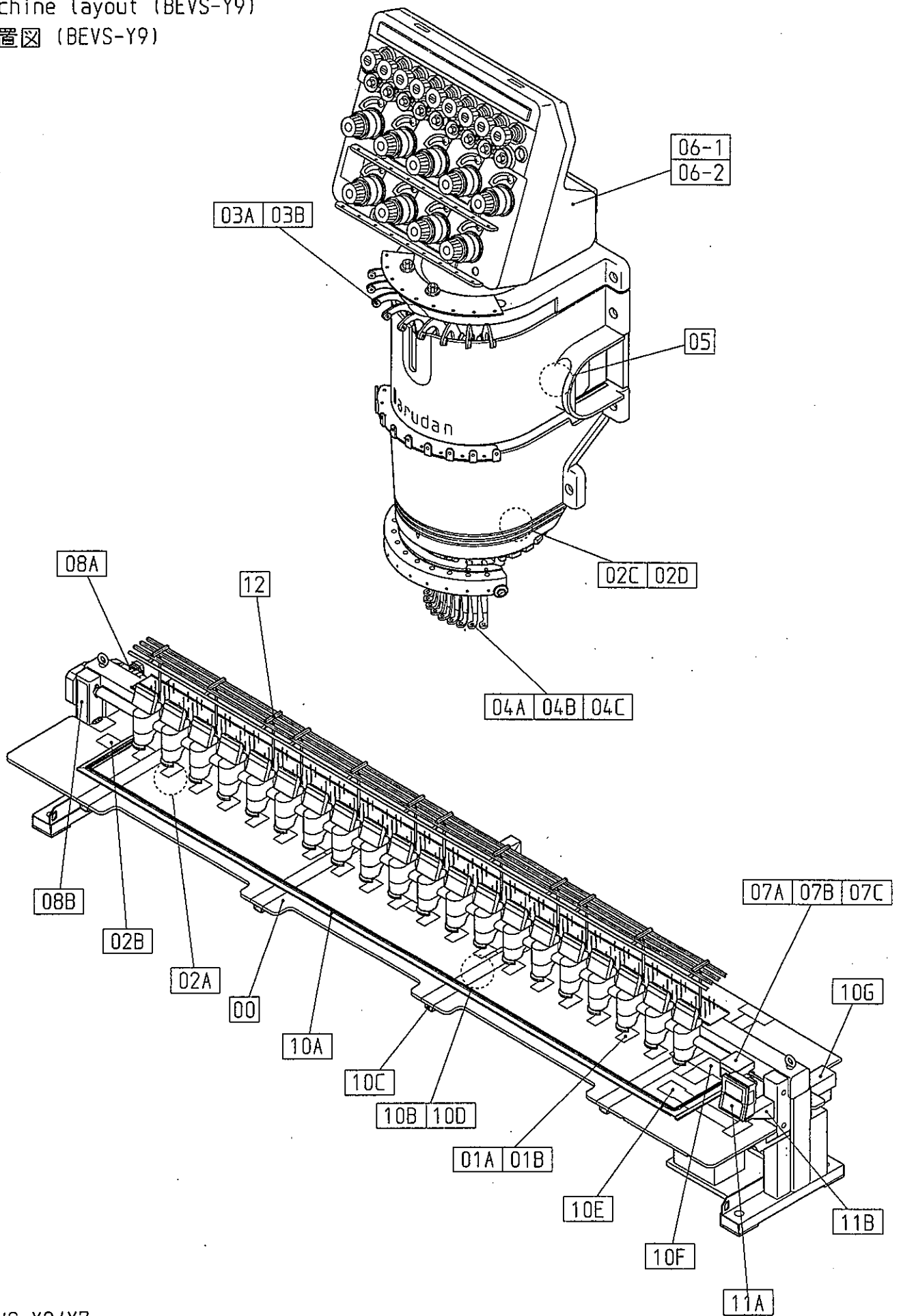
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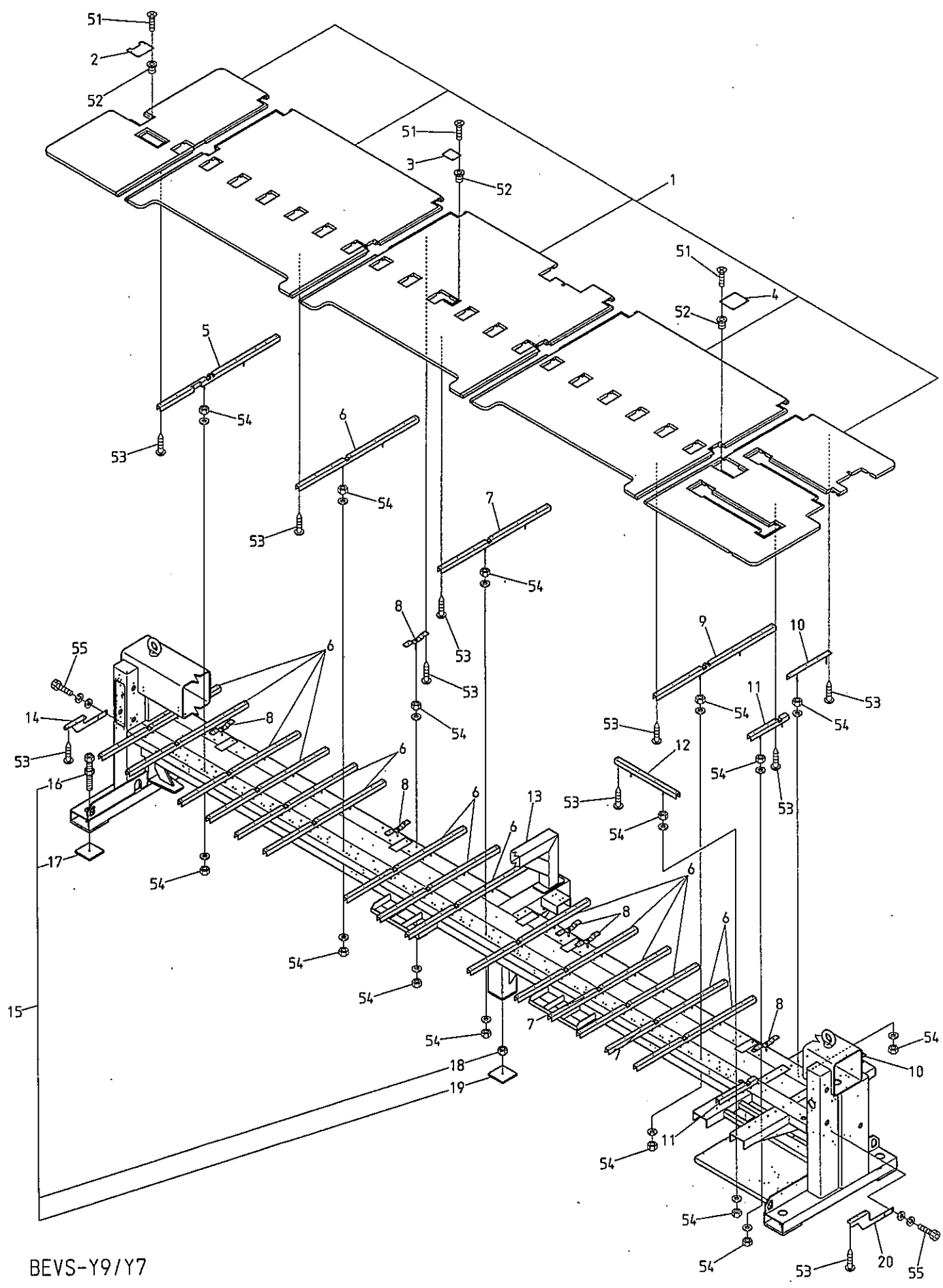
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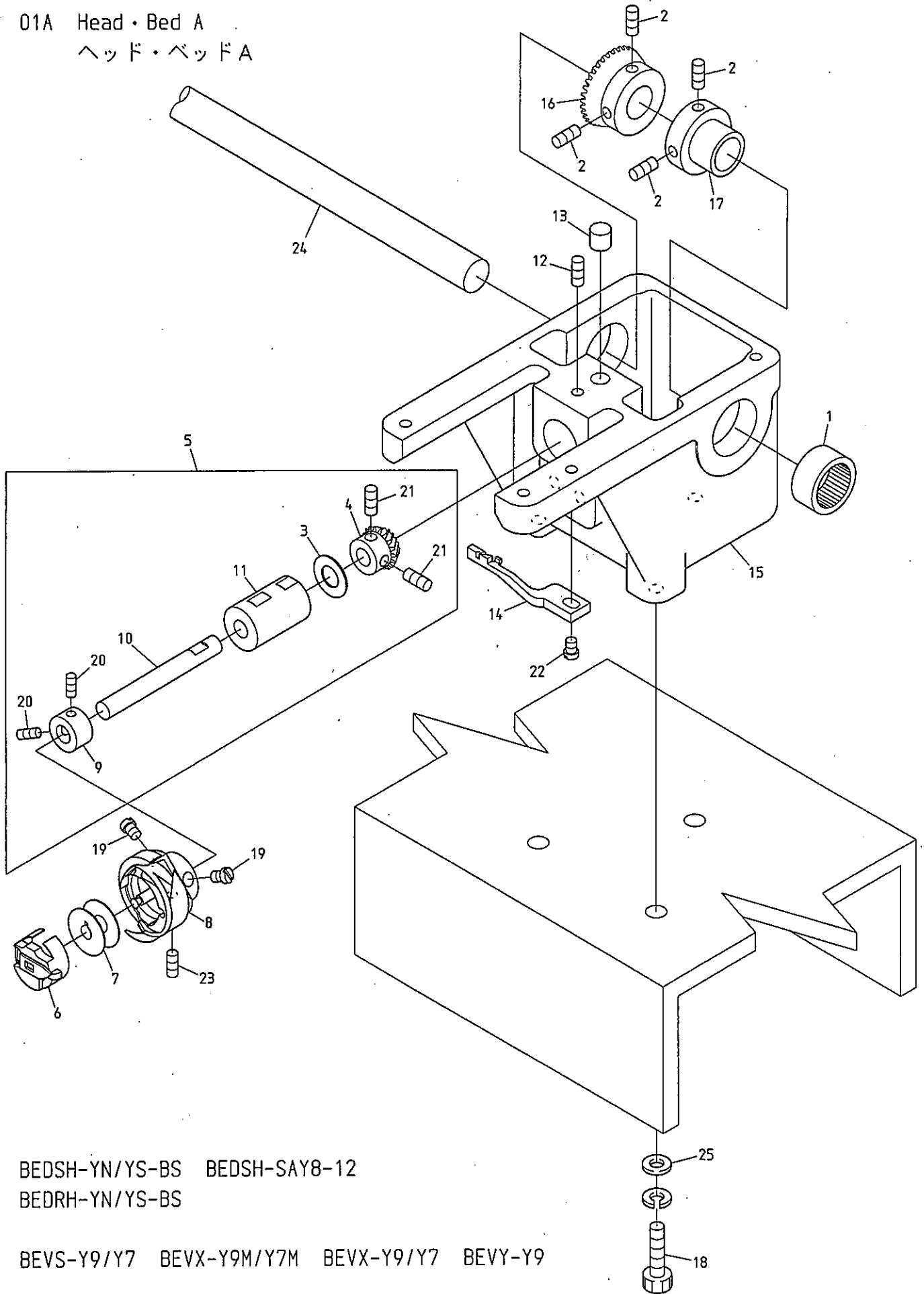
BEVS-Y9/Y7

00 Table・Frame
 テーブル・フレーム



BEVS-Y9/Y7

01A Head・Bed A
 ヘッド・ベッドA

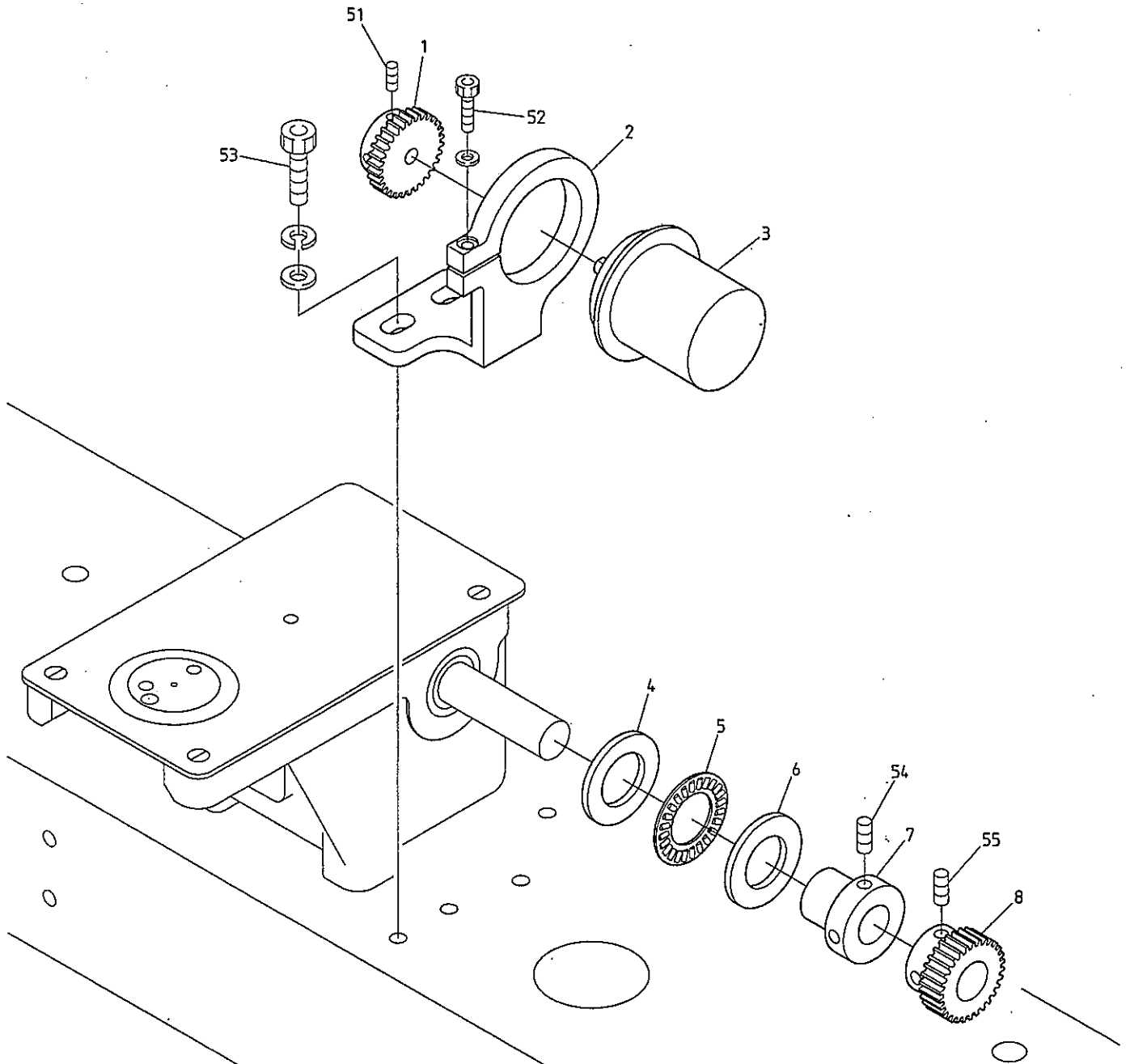


BEDSH-YN/YS-BS BEDSH-SAY8-12
 BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9/Y7 BEVY-Y9

BEVY-Y9M/Y7M BEVS-Z9/Z12/Z15 BEVS-HLZ12 BEVX-HLCLZ1104 BEVY-Z12/Z15

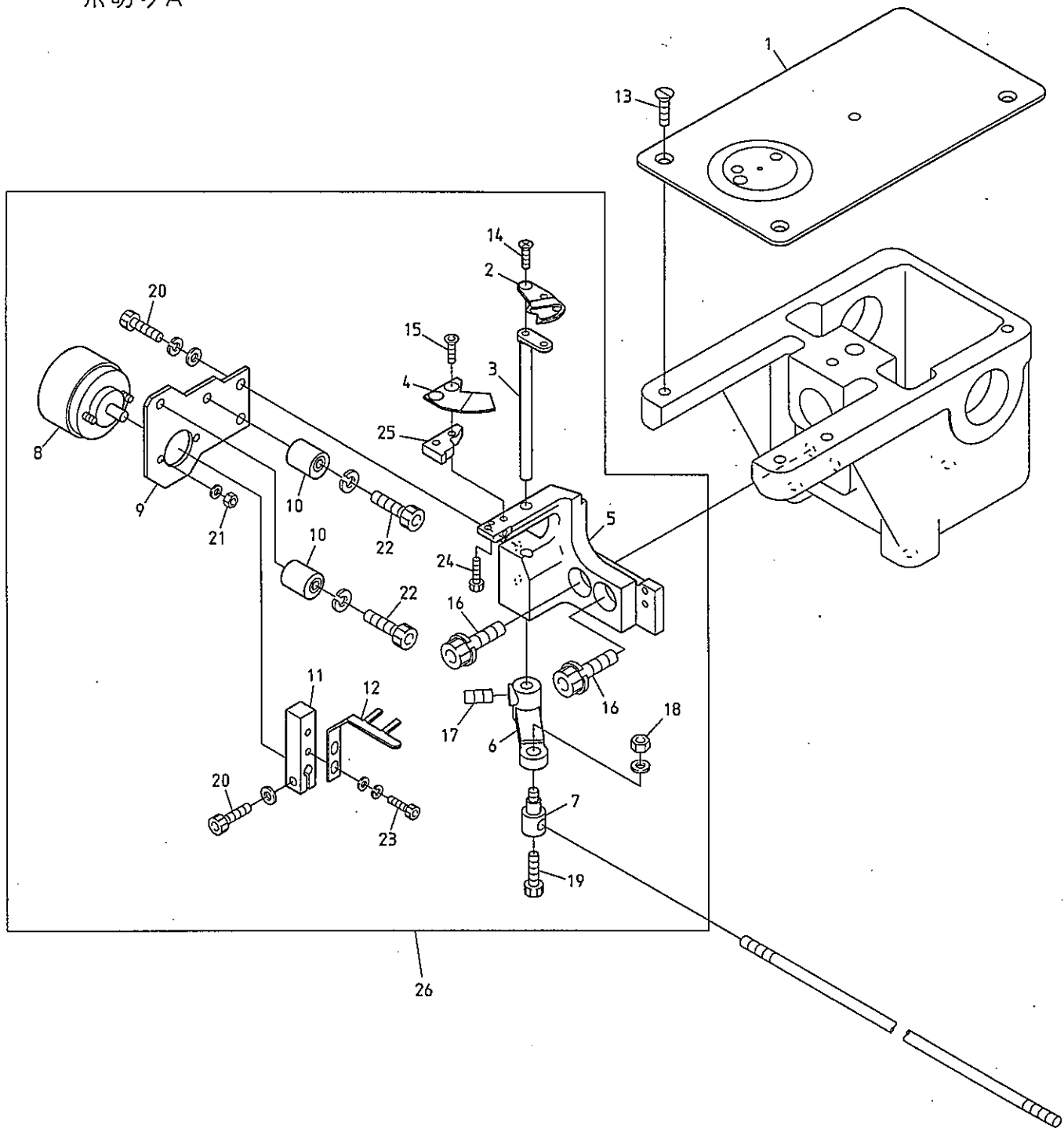
01B Head・Bed B
ヘッド・ベッドB



BEDSH-YN/YS-BS
BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVY-Y9M/Y7M BEVS-Z9/Z12/Z15 BEVS-HLCLZ1104

02A Thread cut A
糸切りA

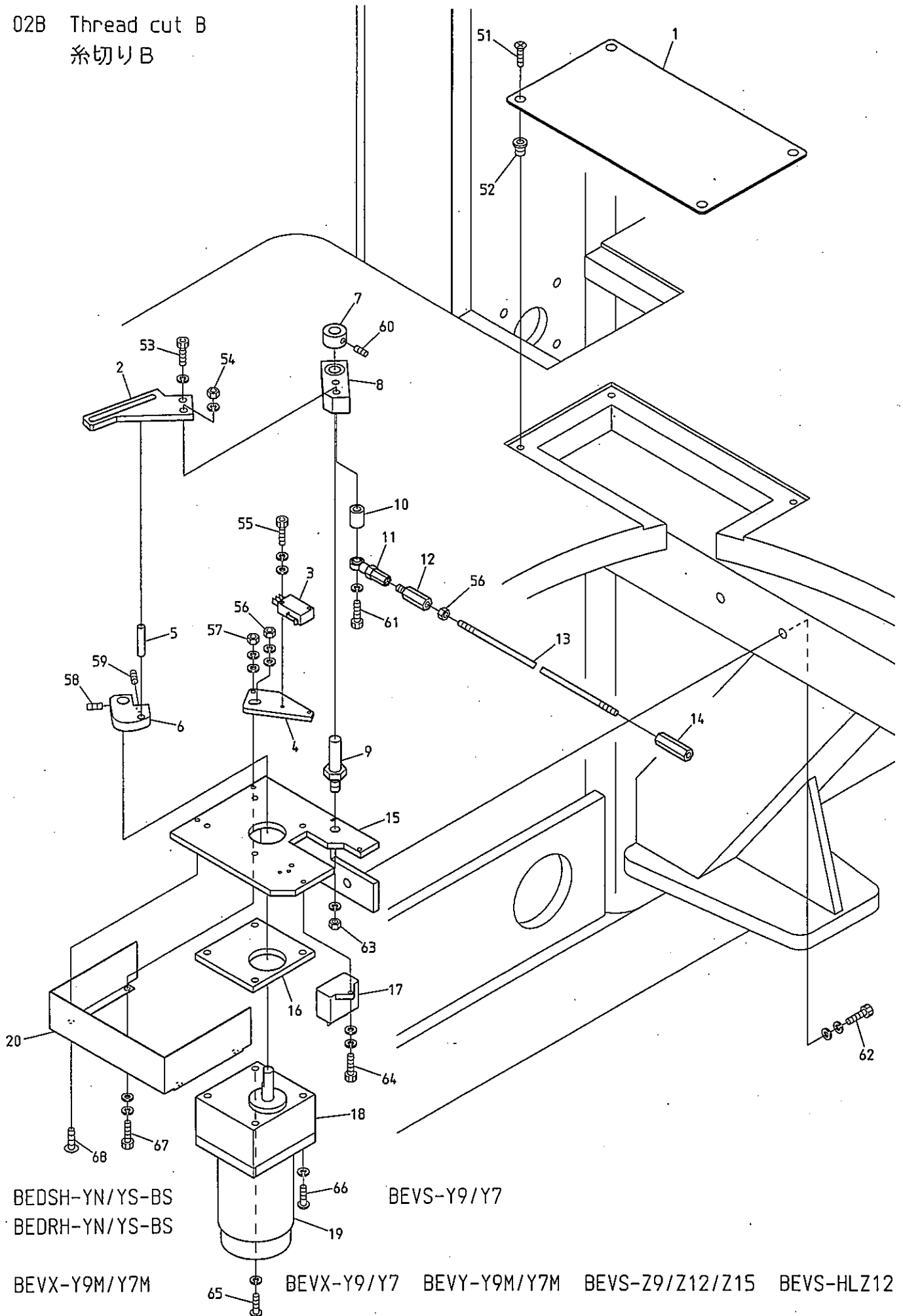


BEDSH-YN/YS-BS BEDSH-SAY8-12 BEVS-Y9/Y7 BEVX-Y9M/Y7M
BEDRH-YN/YS-BS

BEVX-Y9/Y7 BEVS-Y930 1500×243/486 BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M

BEVS-Z9/Z12/Z15 BEVS-HLZ12 BEVX-HLCLZ1104 BEVY-Z12/Z15 BEVY-Z12F

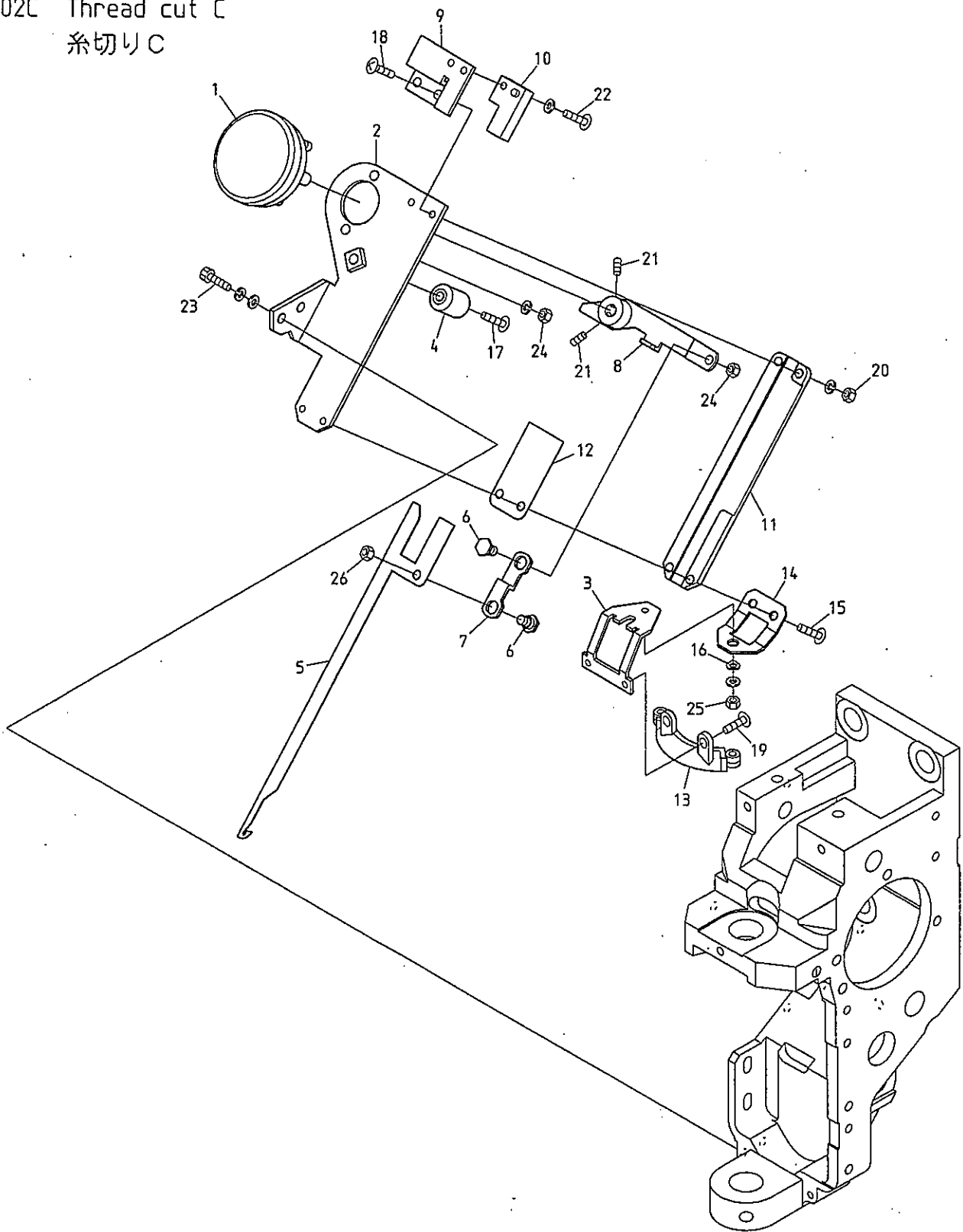
02B Thread cut B
糸切りB



O 2 B Thread cut B
糸切りB

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	KC271440	Drive section service cover	駆動部サービスカバー	1	
2	HV270360	Motor lever (MK6R2)	モーターレバー (MK6R2)	1	
3	A9052078	Micro switch (D2VW-01L2A-1)	マイクロスイッチ (D2VW-01L2A-1)	1	
4	HV270280	LS bracket	LSブラケット	1	
5	KN272350	Drive pin $\phi 6$ (L=35)	駆動ピン $\phi 6$ (L=35)	1	
6	HV270350	Drive cam (MK6R2)	駆動カム (MK6R2)	1	
7	KC330180	Collar $\phi 10$	カラー $\phi 10$	1	
8	KN271782	Drive lever	駆動レバー	1	
	A9010064	Needle bearing (HMK1015, NTN)	ニードルベアリング (HMK1015, NTN)	1	
9	KN271750	Motor lever rotary shaft	モーターレバー回転軸	1	
10	KN271800	Drive lever collar	駆動レバーカラー	1	
11	A9012002	Uniball joint (PR-6)	ユニボールジョイント (PR-6)	1	
12	HH330760	Hex. connecting bar	六角連結棒	1	
13	KN330010	Lock connecting rod L=1780	ロック連結ロッド L=1780		Z12
	KC330410	Lock connecting rod L=2000	ロック連結ロッド L=2000		YH/Y9/Y9/Y7/Z15
14	HH330770	Hex. connecting stick 35L	六角連結棒 35L	3	
15	HV270240	Motor bracket	モーターブラケット	1	
16	KN271720	Motor spacer	モータースペーサー	1	
17	A9054055	Condenser (CH45FAUL2-C)	コンデンサー (CH45FAUL2-C)	1	
18	A9065134	Gear head (3GN25S-D1)	ギヤヘッド (3GN25S-D1)	1	
19	A9065133	Reversible motor (3RK15GN-AW2-E3)	レバーシブルモーター (3RK15GN-AW2-E3)	1	
20	RR270010	Motor bracket cover (MK6) DS	モーターブラケットカバー (MK6) DS	1	
51		Flush screw M4 \times 8 (Undercut)	十字穴付皿小ネジ M4 \times 8 (アンダーカット)		
52		Rag nut (C) M4	鬼目ナット (C) M4		
53		Hex. socket bolt M6 \times 15	六角穴付ボルト M6 \times 15		
54		Hex. nut M6	六角ナット M6		
55		Hex. socket bolt M3 \times 15	六角穴付ボルト M3 \times 15		
56		Hex. nut M5	六角ナット M5		
57		Hex. nut M4 (With washers)	六角ナット M4 (平座金 バネ座金付)		
58		Hex. socket set screw (Dog point) M5 \times 8	六角穴付止メネジ (棒先) M5 \times 8		
59		Hex. socket set screw (Flat point) M5 \times 8	六角穴付止メネジ (平先) M5 \times 8		
60		Hex. socket set screw M5 \times 6	六角穴付止メネジ M5 \times 6		
61		Hex. socket bolt M6 \times 75	六角穴付ボルト M6 \times 75		
62		Hex. socket bolt M8 \times 25	六角穴付ボルト M8 \times 25		
63		Hex. nut M8	六角ナット M8		
64		Hex. socket bolt M4 \times 10 (With washers)	六角穴付ボルト M4 \times 10 (平座金 バネ座金付)		
65		Pan screw M5 \times 75	十字穴付ナベ小ネジ M5 \times 75		
66		Pan screw M5 \times 65	十字穴付ナベ小ネジ M5 \times 65		
67		Hex. socket bolt M4 \times 18	六角穴付ボルト M4 \times 18		
68		Truss screw M4 \times 6	十字穴付トラス小ネジ M4 \times 6		

02C Thread cut C
糸切りC

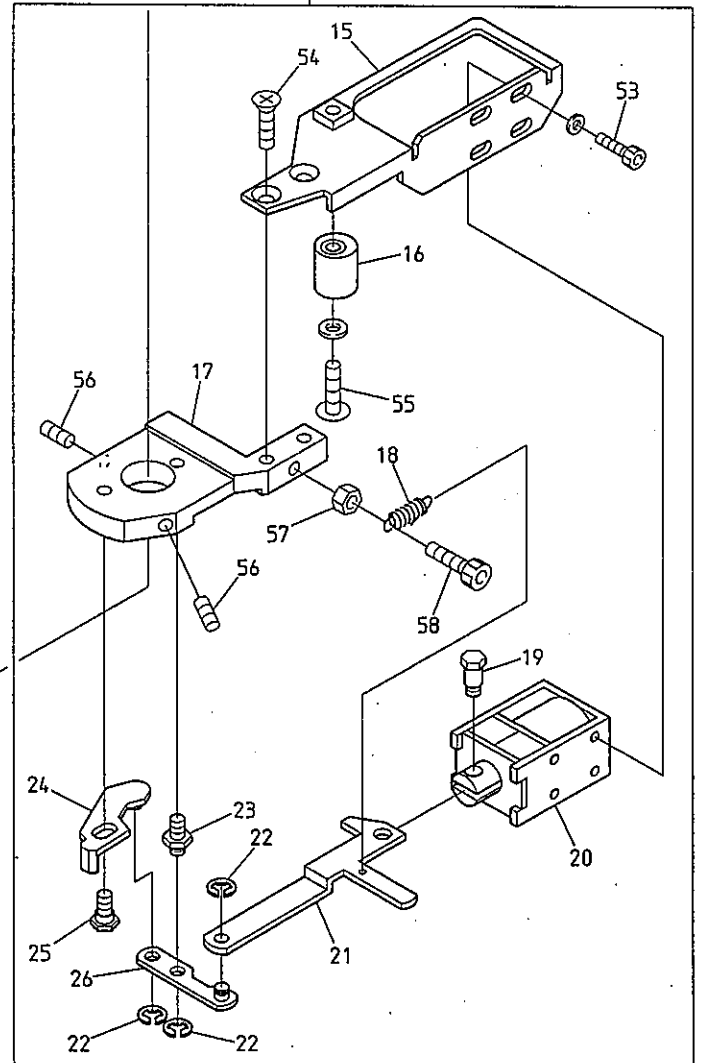
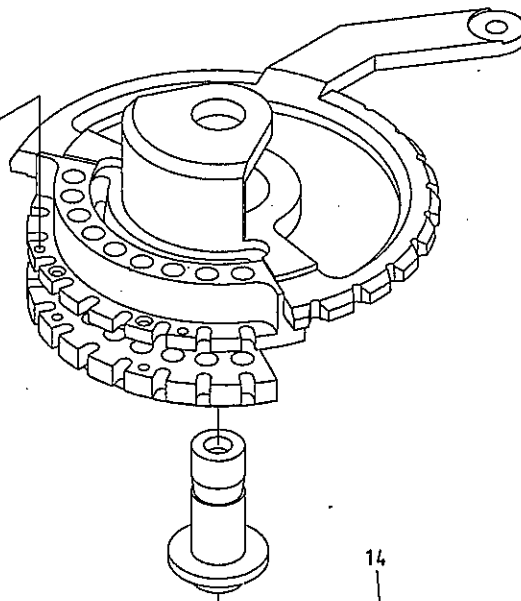
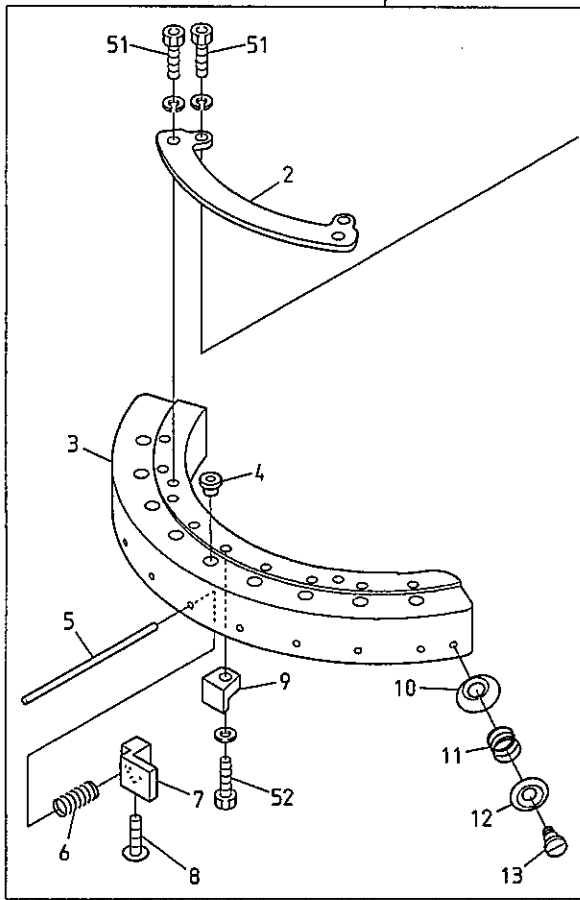


BEDSH-YN/YS-BS BEDSH-SAY8-12 BEVS-Y9/Y7
BEDRH-YN/YS-BS

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 1500×243/486

BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

020 Thread cut D
糸切りD



BEDSH-YN/YS-BS
BEDRH-YN/YS-BS

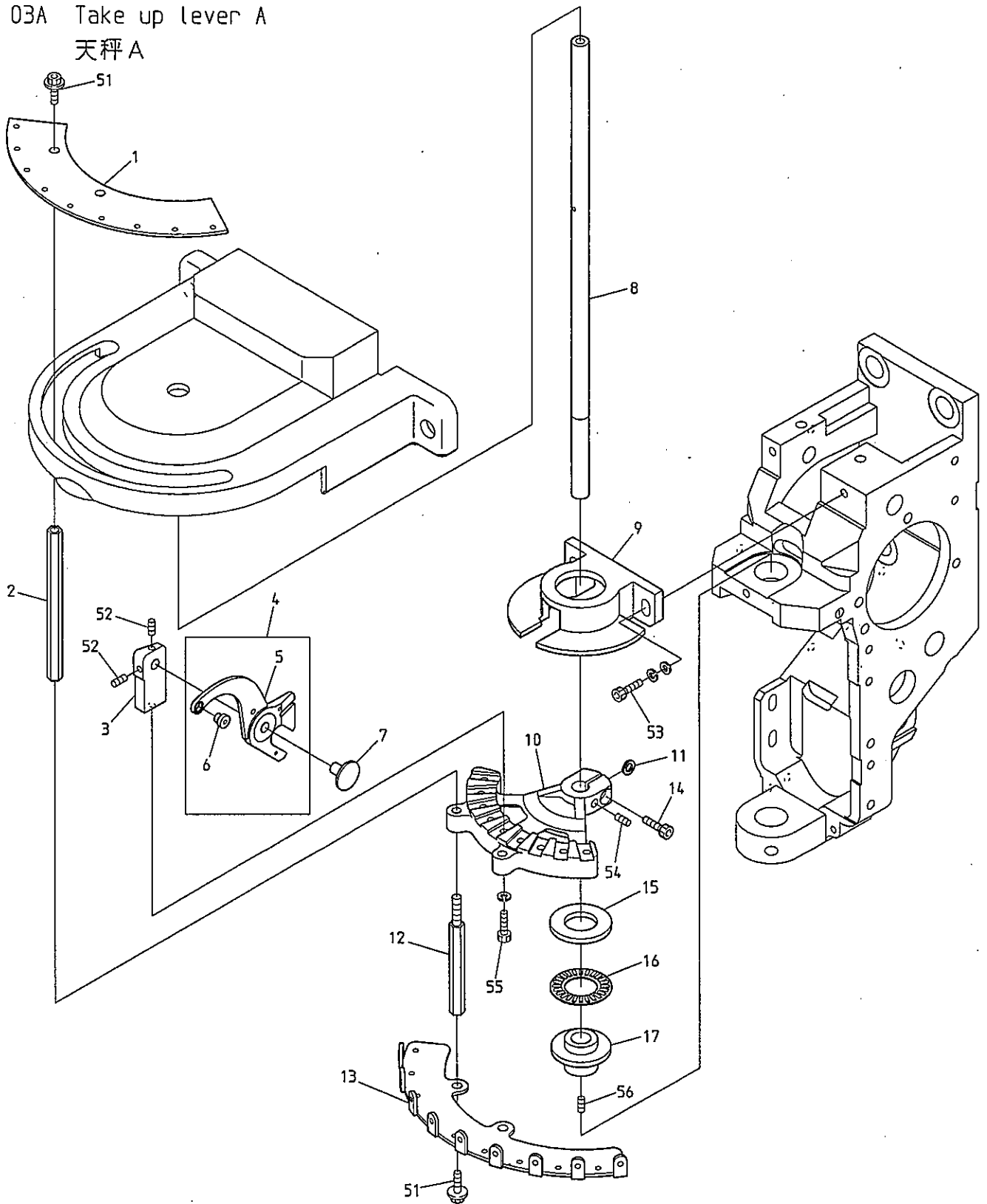
BEDSH-SAY8-12 BEVS-Y9/Y7

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 1500×243/486

BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

ITEM	LIST No.	DESCRIPTION	部品名	Q' TY	NOTE
1	HT270030C	Thread support apron a'ssy (YN)	糸保持エプロンa'ssy (YN)	H × 1	YN/Y9
	HT270140	Thread support apron a'ssy (YS-2)	糸保持エプロンa'ssy (YS-2)	H × 1	YS/Y7
2	HT270010C	Thread support apron fixing stay (YN)	糸保持エプロン取付ステー (YN)	H × 1	
3	HT270001C	Thread support apron (YN)	糸保持エプロン (YN)	H × 1	YN/Y9
	HT270150	Thread support apron (YS-2)	糸保持エプロン (YS-2)	H × 1	YS/Y7
4	KF230582C	Thread way guide (For thread support apron)	糸道ガイド (糸保持エプロン用)		YN/Y9...H×9, YS/Y7...H×7
5	HT270040C	Thread support shaft	糸保持軸		YN/Y9...H×9, YS/Y7...H×7
6	KC270271C	Support spring	保持バネ		YN/Y9...H×9, YS/Y7...H×7
7	HT270023	Thread support clamp (YN)	糸保持クランプ (YN)		YN/Y9...H×9, YS/Y7...H×7
8	HT270063	Thread support clamp set screw (YN)	糸保持クランプ止メネジ (YN)		YN/Y9...H×9, YS/Y7...H×7
9	KC270292	Thread support block	糸保持ブロック		YN/Y9...H×9, YS/Y7...H×7
10	KF250220	Thread guard disk	糸カケ皿	H × 2	
11	KF250241	Thread hook support spring	糸止メバネ	H × 2	
12	KF250231	Thread guard spring pressure	糸カケバネ押エ	H × 2	
13	KF250250	Thread hook support shaft screw	糸止メ軸ネジ	H × 2	
14	RR270090	Thread support a'ssy	糸保持ASSY	H × 1	
15	KL270070C	Solenoid stay	ソレノイドステー	H × 1	
16	KN272401	Stopper eccentric	ストッパーエキセン	H × 1	
17	KL270001	Fixing base	取付ベース	H × 1	
18	KL270520	Return spring	リターンスプリング	H × 1	
19	KC270101C	Solenoid pin	ソレノイドピン	H × 1	
20	A9056037	Keep solenoid TDS-K10SL (With cover)	キープソレノイド TDS-K10SL (カバーつき)	H × 1	
21	KL270060C	Lever connecting plate	レバー連結プレート	H × 1	
22	A9012127	E-ring φ3 (Chromate)	E型止メ輪 φ3 (クロメート)	H × 3	
23	KL270041	Lever rotary shaft	レバー回転軸	H × 1	
24	HT270121	Thread support slider	糸保持スライダー	H × 1	
25	KL270530	Slider guide pin	スライダーガイドピン	H × 1	
26	HT270091	Solenoid lever	ソレノイドレバー	H × 1	
27	HT230640	Drive shaft fixing plate clamp bolt	駆動軸固定プレート締メボルト	H × 1	
28	HT230830	Washer for drive shaft fixing plate	駆動軸固定プレート用ワッシャー	H × 1	
29	HT230361	Drive shaft fixing plate	駆動軸固定プレート	H × 1	
30	HT230350	Thread guard disk drive pin	糸掛皿駆動ピン	H × 1	
51		Hex. socket bolt (Plating) M3×6 (With spring washer)	六角穴付ボルト (メッキ) M3×6 (バネ座金付)		
52		Hex. socket bolt M3×10 (With plain washer)	六角穴付ボルト M3×10 (平座金付)		
53		Hex. socket bolt M3×6	六角穴付ボルト M3×6		
54		Flush screw M4×8 (With adhesion) SUS	十字穴付皿小ネジ M4×8 (接着剤付) SUS		
55		Truss screw M4×16 (With plain washer) SUS	十字穴付トラス小ネジ M4×16 (平座金付) SUS		
56		Hex. socket set screw M4×8 (With nylon)	六角穴付止メネジ M4×8 (ナイロン付)		
57		Hex. nut M4 I (Chromate)	六角ナット M4 1種 (クロメート)		
58		Hex. socket bolt M4×8 (With spring washer)	六角穴付ボルト M4×8 (バネ座金付)		
59		Set screw M3×5	セットネジ M3×5		

03A Take up lever A
天秤A



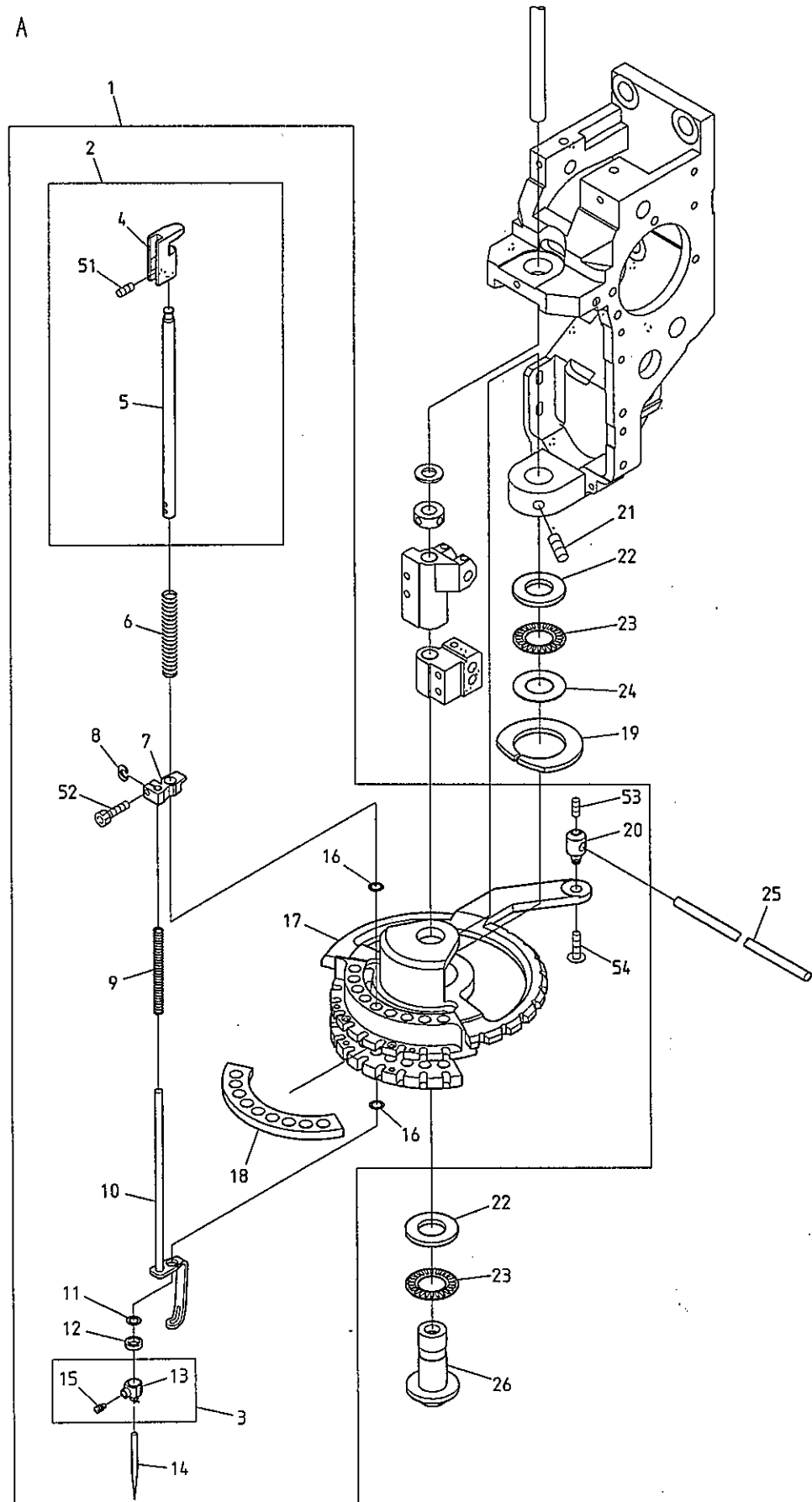
BEDSH-YN/YS-BS BEDSH-SAY8-12 BEVS-Y9/Y7
BEDRH-YN/YS-BS

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 1500×243/486

BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

ITEM	LIST No.	DESCRIPTION	部品名	Q' TY	NOTE
1	RH230311	Take up lever driving lever	天秤駆動レバー	H × 1	
2	RR230000C	Take up lever driving roller	天秤駆動コロ	H × 1	
3	HT230100C	Take up lever driving roller shaft(YN)	天秤駆動コロ軸(YN)	H × 1	
4	HB230620	Flush screw M3×8	十字穴付皿小ネジ(浸炭焼入) M3×8	H × 3	
5	RH230810	Take up lever metal	天秤駆動レバーメタル	H × 1	
6	KF230680	Cam followers (KR×4×7.9×15-1P×1)	カムフォロア (KR×4×7.9×15-1P×1)	H × 1	
7	HB230080C	Washer for cam(2)	カム用ワッシャー(2)	H × 1	
8	HB230070C	Washer for cam(1)	カム用ワッシャー(1)	H × 1	
9	RR230260	Take up lever cam H6S φ20 MC-nylon	天秤カム H6S φ20 MCナイロン	H × 1	Small bobbin 小釜
	RN230071	Take up lever cam J2 φ20	天秤カム J2 φ20	H × 1	Middle bobbin 中釜
10	RH230300	Take up lever cam base	天秤カムベース	H × 1	
11	RH230280	Needle bar crank rod	針棒クランクロッド	H × 1	
12	RH230271	Needle bearing	ニードルベアリング	H × 1	
13	RN230020C	Needle bar driving cam(Eccentric 9.2 φ20)	針棒駆動カム(偏心9.2 φ20)	H × 1	
14	RN230040	Bearing case	ベアリングケース	H × 1	
15	A9010073	Ball bearing(6005ZZ)	ボールベアリング(6005ZZ)	H × 1	
16	A9012421	C-ring for hole φ47	C型止メ輪穴用 φ47	H × 1	
17	RN210012	Arm	アーム	H × 1	
18	RH230320	Take up lever driving lever fixing pin	天秤駆動レバー固定ピン	H × 1	
19	RH230330C	Needle bar driving cam set collar	針棒駆動カム締付カラー	H × 1	
20	HB230800	Take up lever driving lever fixing pin set collar	天秤駆動レバー固定ピンセットカラー	H × 1	
21		Hex. socket bolt M4×8(With plain washer)	六角穴付ボルト M4×8(平座金付)		
22		Hex. socket bolt M5×18	六角穴付ボルト M5×18		
23		Hex. socket bolt M4×15	六角穴付ボルト M4×15		
24		Disc spring 8	皿バネ 8		
25		Hex. socket bolt M8×25	六角穴付ボルト M8×25		
26		Hex. nut M4 (With adhesion, With spring washer) Chrome	六角ナット M4 (接着剤付, バネ座金付) クローム		
27		Hex. socket set screw M4×4(With adhesion)	六角穴付止メネジ M4×4(接着剤付)	H × 1	
28		Hex. socket set screw M5×10	六角穴付止メネジ M5×10		
29		Hex. socket set screw M4×8	六角穴付止メネジ M4×8		
30	HB230650	Flush screw M3×8(With adhesion) SUS	十字穴付皿小ネジ M3×8(接着剤付) SUS	H × 1	
31	RR230040	Take up lever driving lever a'ssy	天秤駆動レバーa'ssy	H × 1	
32	RR230270	Take up lever-Needle bar drive a'ssy	天秤・針棒駆動a'ssy	H × 1	Small bobbin 小釜
	RN230061	Take up lever-Needle bar drive a'ssy	天秤・針棒駆動a'ssy 中釜	H × 1	Middle bobbin 中釜
33	RN230030	Bearing case a'ssy	ベアリングケースa'ssy	H × 1	
34	KF230501	Take up lever roller a'ssy	天秤コロASSY	H × 1	
35	RH230801	Take up lever driving lever(Metal)	天秤駆動レバー(メタル圧入)	H × 1	
36	RN230010	Needle bar driving cam a'ssy	針棒駆動カムa'ssy	H × 1	
37	RH230610	Thrust washer	スラストワッシャー	H × 1	
38	RR320021C	Balancer for φ20 shaft	バランサー φ20軸用	H - 2	DSH/VS
39	RR320030C	Balancer set plate(For φ20 shaft)	バランサー止メ金具(φ20軸用)	H - 2	DSH/VS
40		Hex. socket bolt M5×15	六角穴付ボルト M5×15		DSH/VS

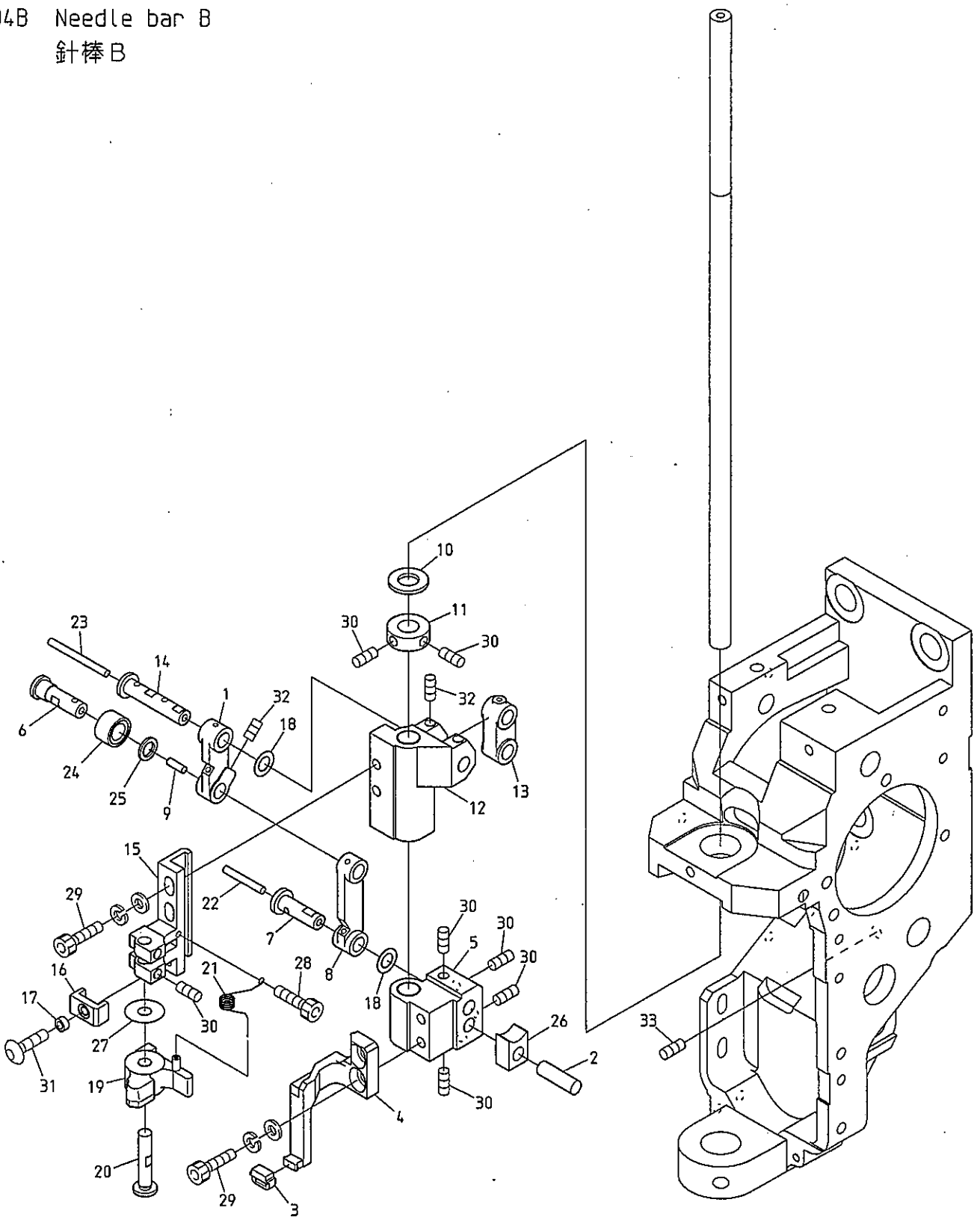
04A Needle bar A
針棒A



BEDSH-YN/YS-BS BEDSH-SAY8-12 BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9/Y7
BEDRH-YN/YS-BS

BEVS-Y930 1500×243/486 BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9C

04B Needle bar B
針棒 B

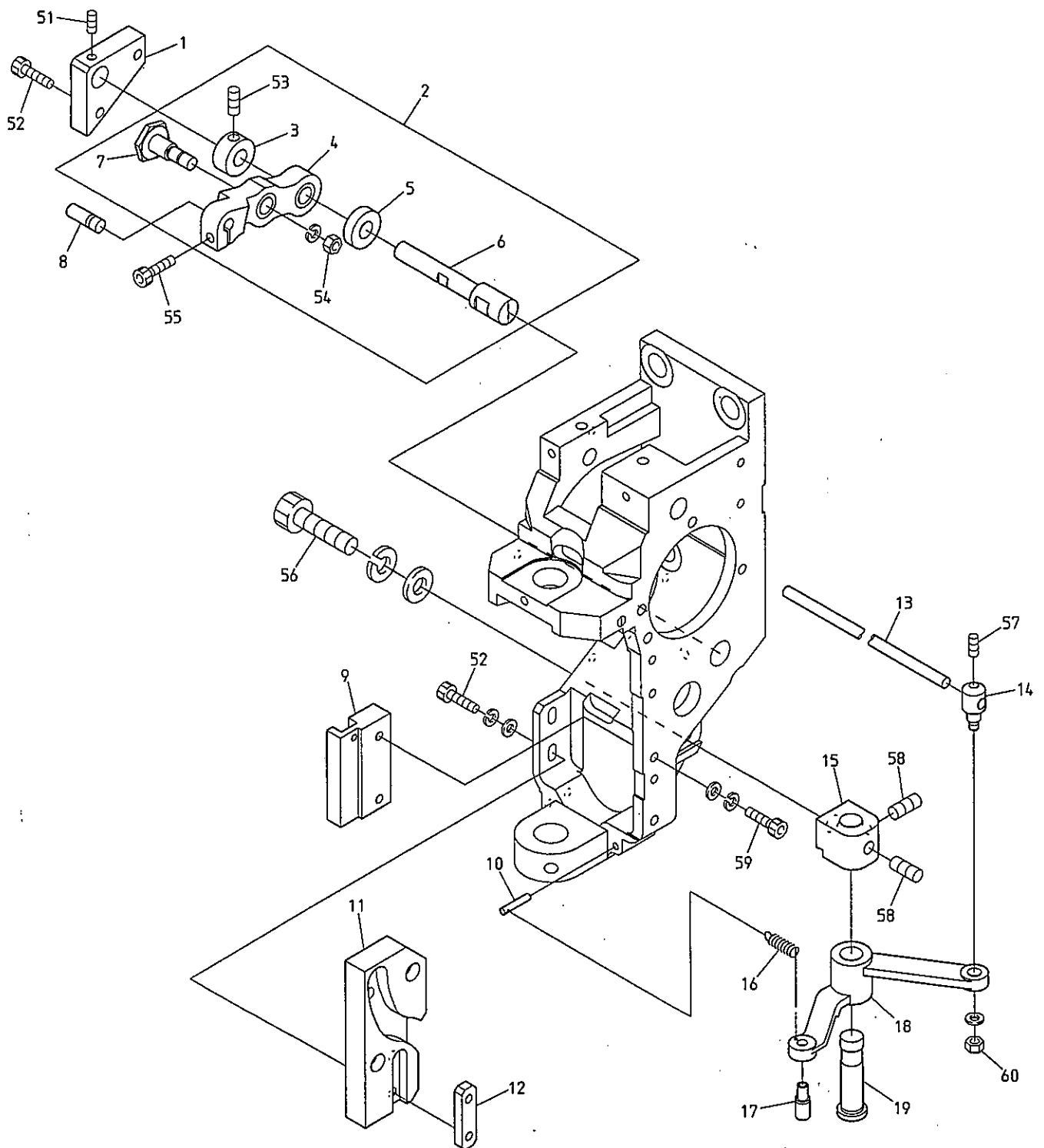


BEDSH-YN/YS-BS BEDSH-SAY8-12 BEVS-Y9/Y7
BEDRH-YN/YS-BS

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 1500×243/486

BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

04C Needle bar C
針棒C

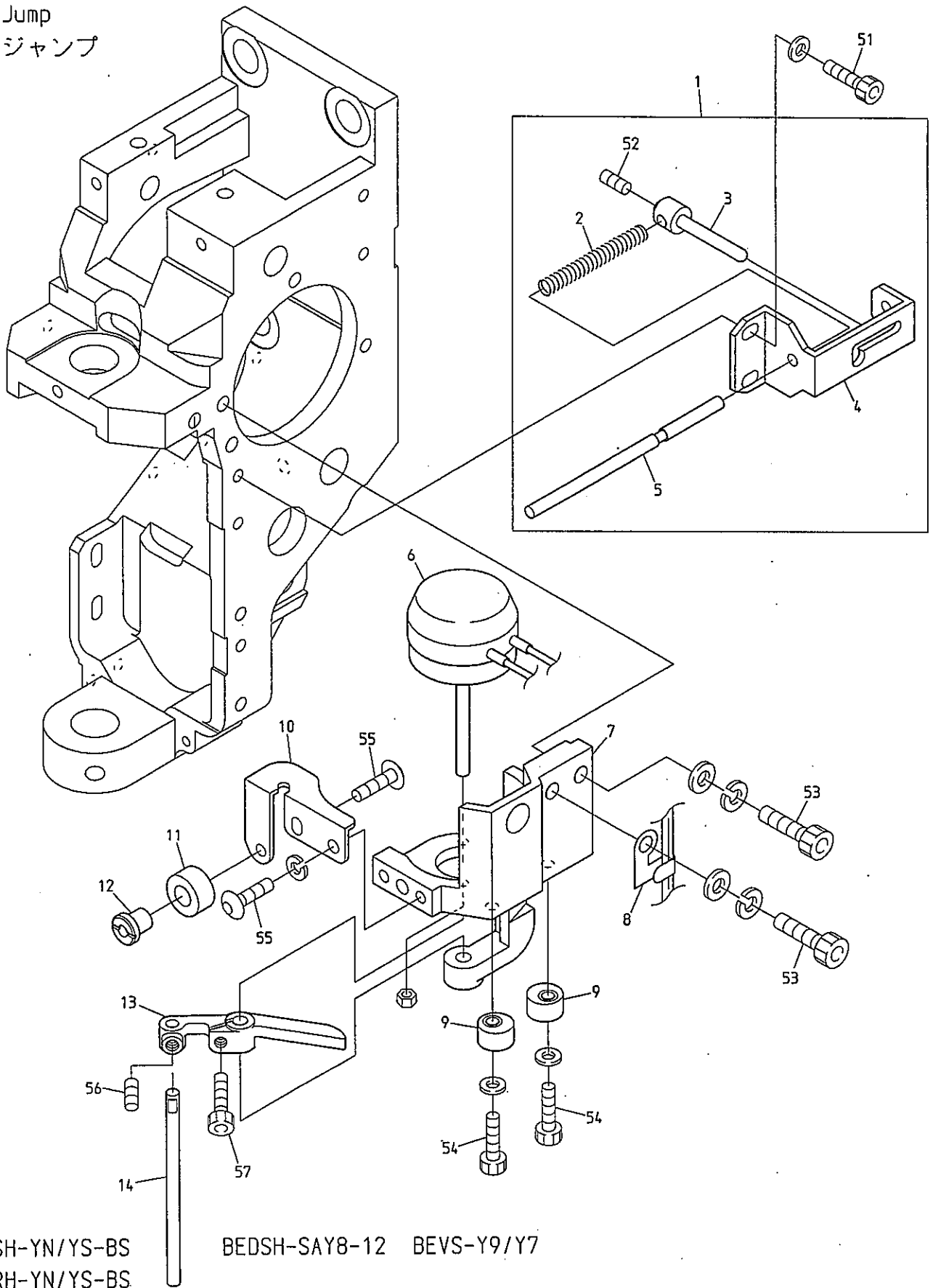


BEDSH-YN/YS-BS BEDSH-SAY8-12 BEVS-Y9/Y7
BEDRH-YN/YS-BS

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BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

05 Jump
ジャンプ



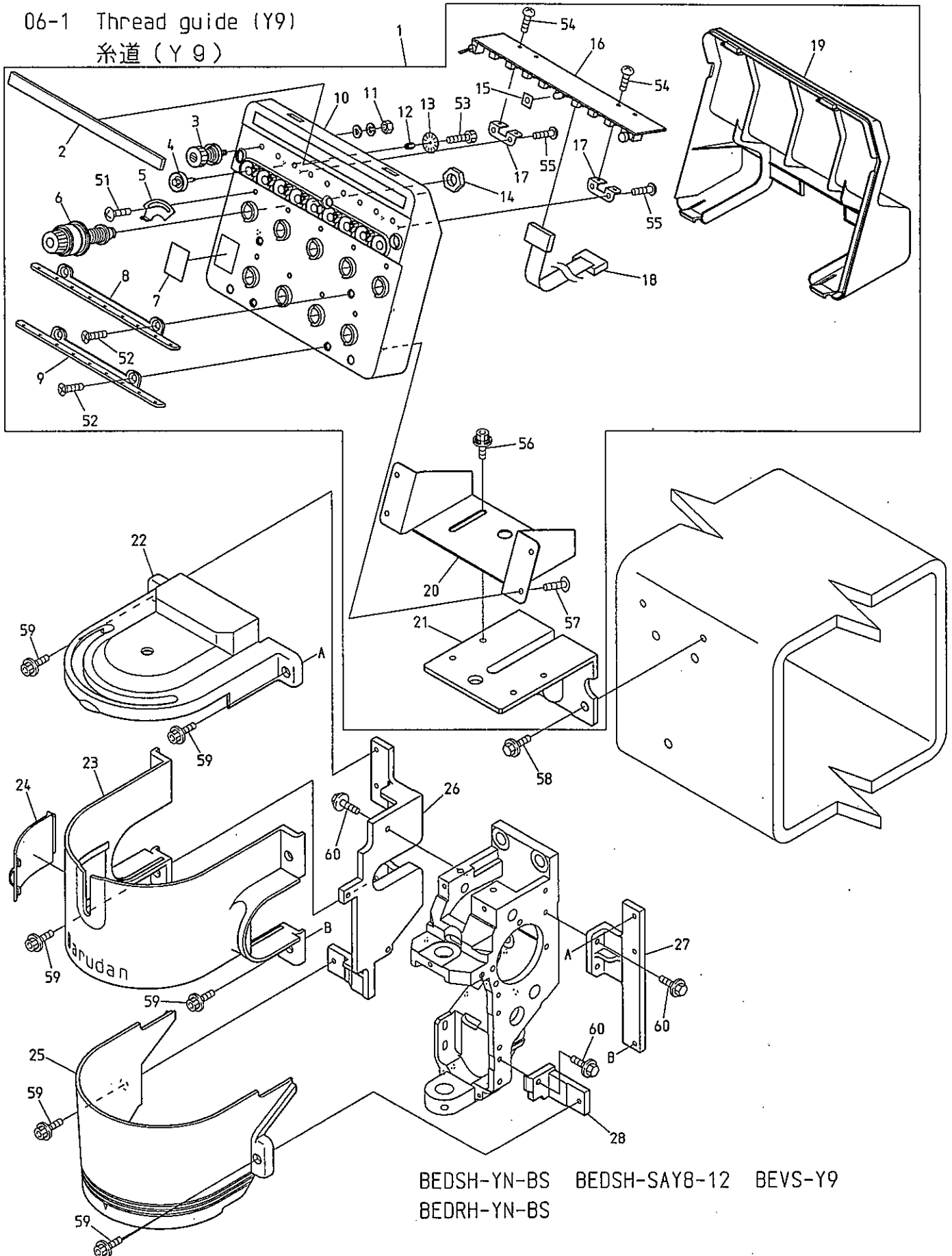
BEDSH-YN/YS-BS
BEDRH-YN/YS-BS

BEDSH-SAY8-12 BEVS-Y9/Y7

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 1500×243/486

BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

06-1 Thread guide (Y9)
糸道 (Y9)

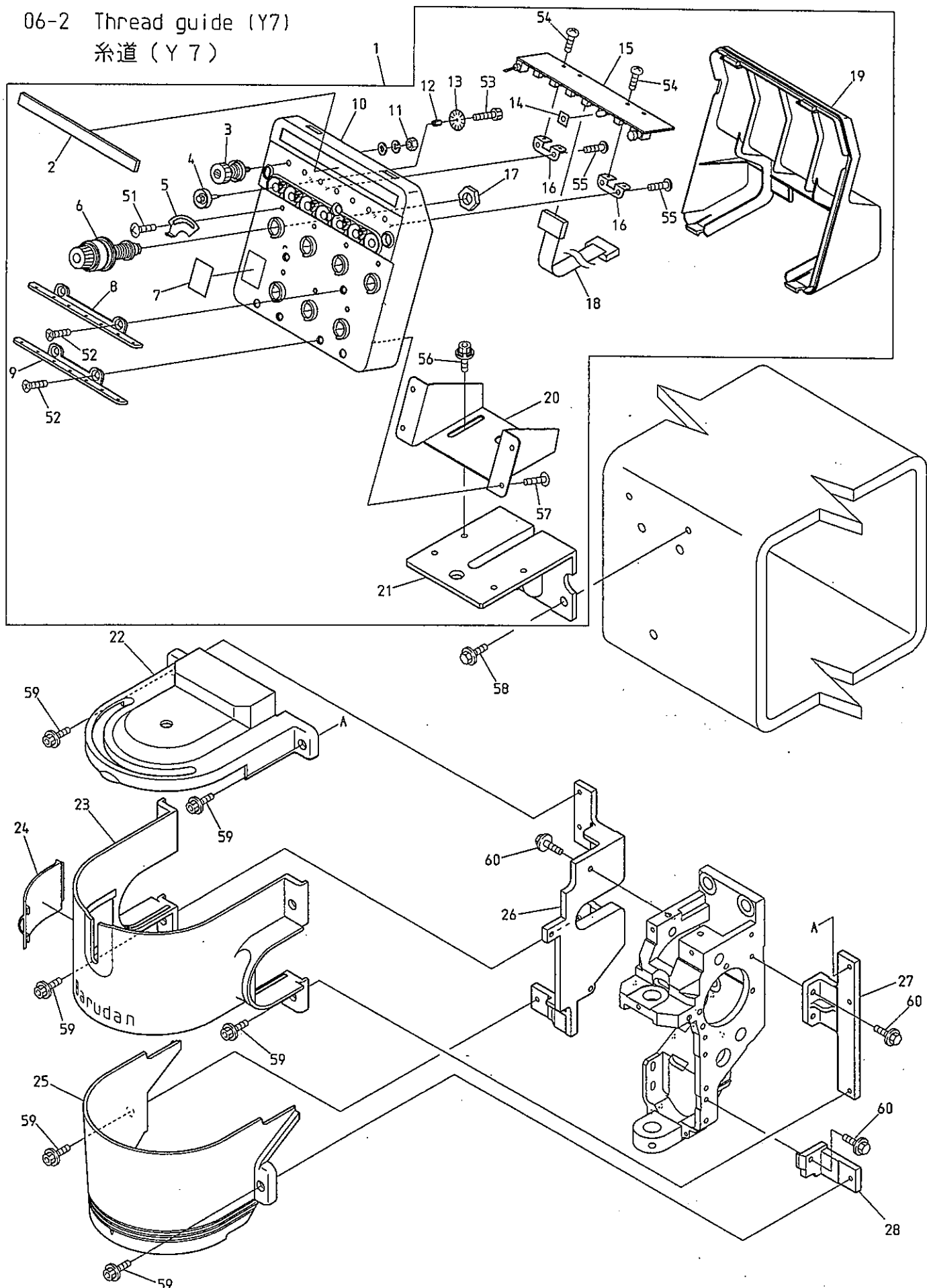


BEDSH-YN-BS BEDSH-SAY8-12 BEVS-Y9
BEDRH-YN-BS

BEVX-Y9M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9 BEVS-Y930 1500×243/486

BEVY-Y9 BEVY-Y9F BEVY-Y9M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

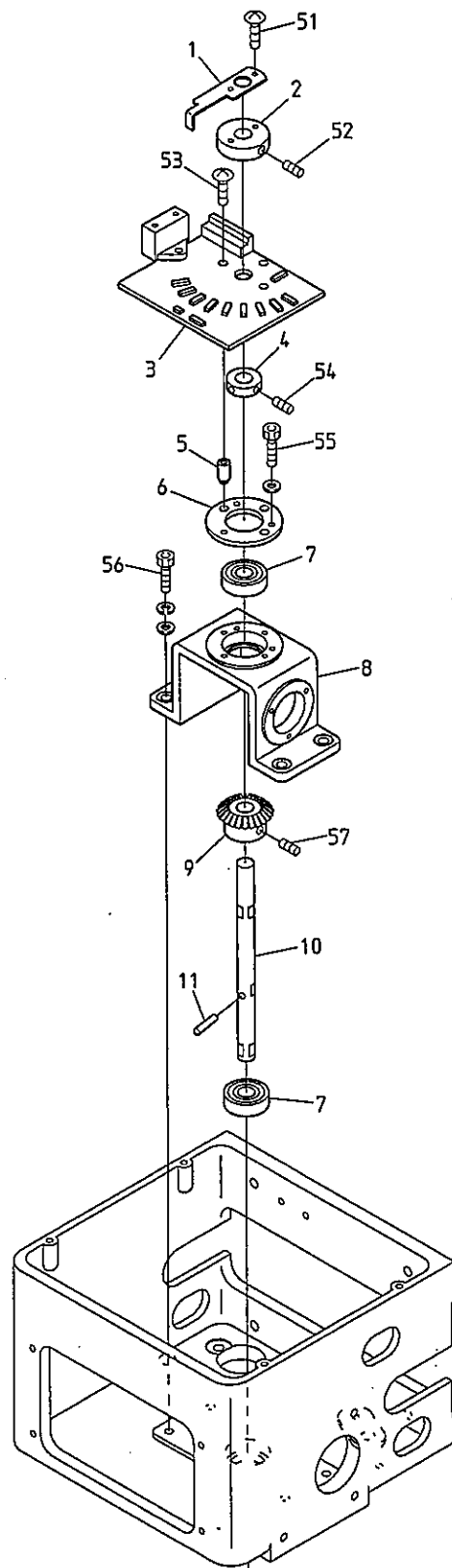
06-2 Thread guide (Y7)
 糸道 (Y7)



BEVS-Y7 BEVX-Y7M BEVX-Y7 BEVY-Y7M

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	PH240001	Tension box (VS-Y7)	テンション台ASSY (VS-Y7)	H × 1	
2	RR240500	Felt (DSH-YS)	フェルト (DSH-YS)	H × 1	
3	RR240300C	Tension a'ssy (DS)	糸調子ASSY (DS)	H × 7	
4	HT240290	Tension wheel a'ssy	テンションホイール組立	H × 7	
5	RR240510	Thread spring adjusting plate	糸掛けバネ調整板	H × 7	
6	RD240154	Dial tension a'ssy (DS)	ダイヤル糸調子組 (DS)	H × 7	
7	RR240390	Number label	番号ラベル	H × 1	
8	RR240460	Thread guide plate upper (DSH-YS)	糸案内プレート・上 (DSH-YS)	H × 1	
9	RR240470	Thread guide plate lower (DSH-YS)	糸案内プレート・下 (DSH-YS)	H × 1	
10	PH240010	Tension base case a'ssy (VS-Y7)	テンション台ケース Assy (VS-Y7)	H × 1	
11	FA999052	Hex. nut SM11/64 (With washers)	六角ナット SM11/64 (平座金 バネ座金付)	H × 7	
12	KN540510	Tension wheel nut	テンションホイールナット	H × 7	
13	HT240101	Lower thread detection sensor disk (YN)	下糸検知センサーディスク (YN)	H × 7	
14	RR240660	LED oil avoid rubber plate	LED油避けゴム板	H × 1	
15	EBY02592	8572・switch board with thread detection	8572・7本針糸検付スイッチ基板	H × 1	
16	RR240330	Switch board fixed base	スイッチ基板取付ベース (DS)	H × 2	
17	HT240180	SM-nut	SMナット	H × 7	
18	EBY02870	H2802A 16 needle flat cable (Without conversion)	H2802A 16芯フラットケーブル (変換無し)	H × 1	
19	PH240020	Tension base cover (VS-Y7)	テンション台カバー (VS-Y7)	H × 1	
20	RR240490	Tension base bracket (DSH-YS)	テンション台ベース (DSH-YS)	H × 1	
21	RR240060	Tension base bracket (DS)	テンションベースブラケット (DS)	H × 1	
22	PC240011	Sewing head cover A (VS)	面カバー A (VS)	H × 1	
23	PC240020	Sewing head cover B (VS)	面カバー B (VS)	H × 1	
24	PC240040	Door of oil supply (VS)	給油扉 (VS)	H × 1	
25	PC240030	Sewing head cover C (VS)	面カバー C (VS)	H × 1	
26	HT240430C	Sewing head cover fixing bracket (A)	面カバー取付ブラケット (A)	H × 1	
27	HB240241C	Sewing head cover fixing bracket (B)	面カバー取付ブラケット (B)	H × 1	
28	HT240440C	Sewing head cover fixing bracket (C)	面カバー取付ブラケット (C)	H × 1	
51		Truss screw M3×5	十字穴付トラス小ネジ M3×5		
52		Flush screw M4×8	十字穴付皿小ネジ M4×8		
53		Hex. socket bolt M2×3	六角穴付ボルト M2×3		
54		Pan screw M3×4	十字穴付ナベ小ネジ M3×4		
55		Pan head tapping screw B tight M3×8	十字穴付ナベ頭タップ Bタイト M3×8		
56		Hex. socket bolt with washers M5×10	座金組込ミ六角穴付ボルト M5×10		
57		Truss screw M4×10	十字穴付トラス小ネジ M4×10		
58		Hex. socket flange bolt M6×20	六角穴付フランジボルト M6×20		
59		Hex. socket bolt M4×6 (With plain washer)	六角穴付ボルト M4×6 (平座金付)		
60		Hex. socket flange bolt M4×10	六角穴付フランジボルト M4×10		

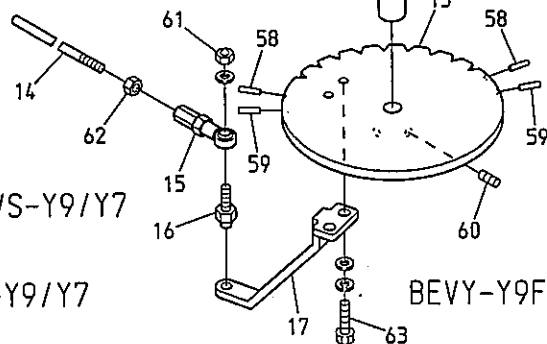
07A Color change A
色換えA



BEDSH-YN/YS-BS
BEDRH-YN/YS-BS

BEDSH-SAY8-12 BEVS-Y9/Y7

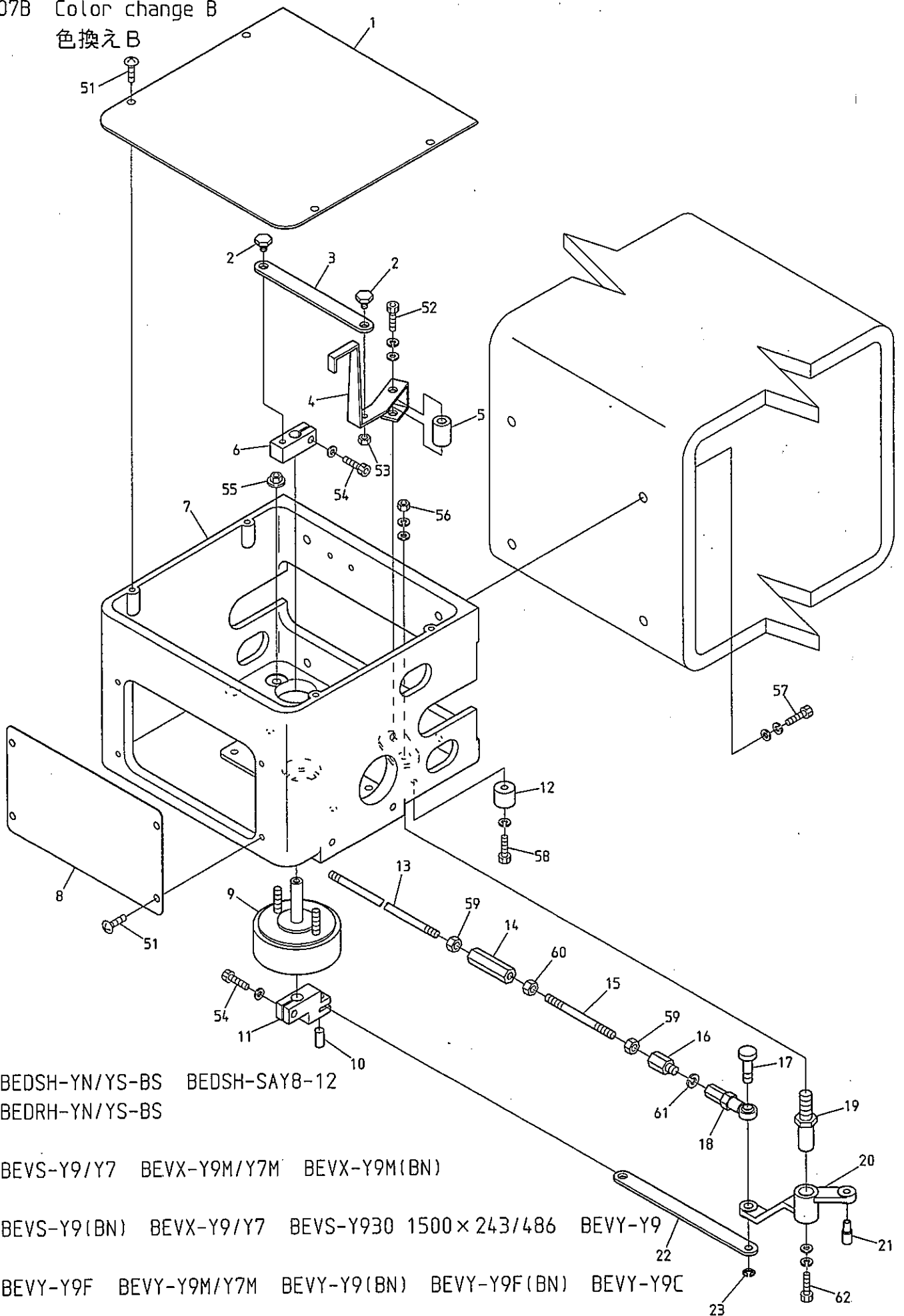
BEVS-Y9(BN) BEVX-Y9/Y7



BEVX-Y9M/Y7M BEVX-Y9M(BN)

BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9F(BN)

07B Color change B
色換え B



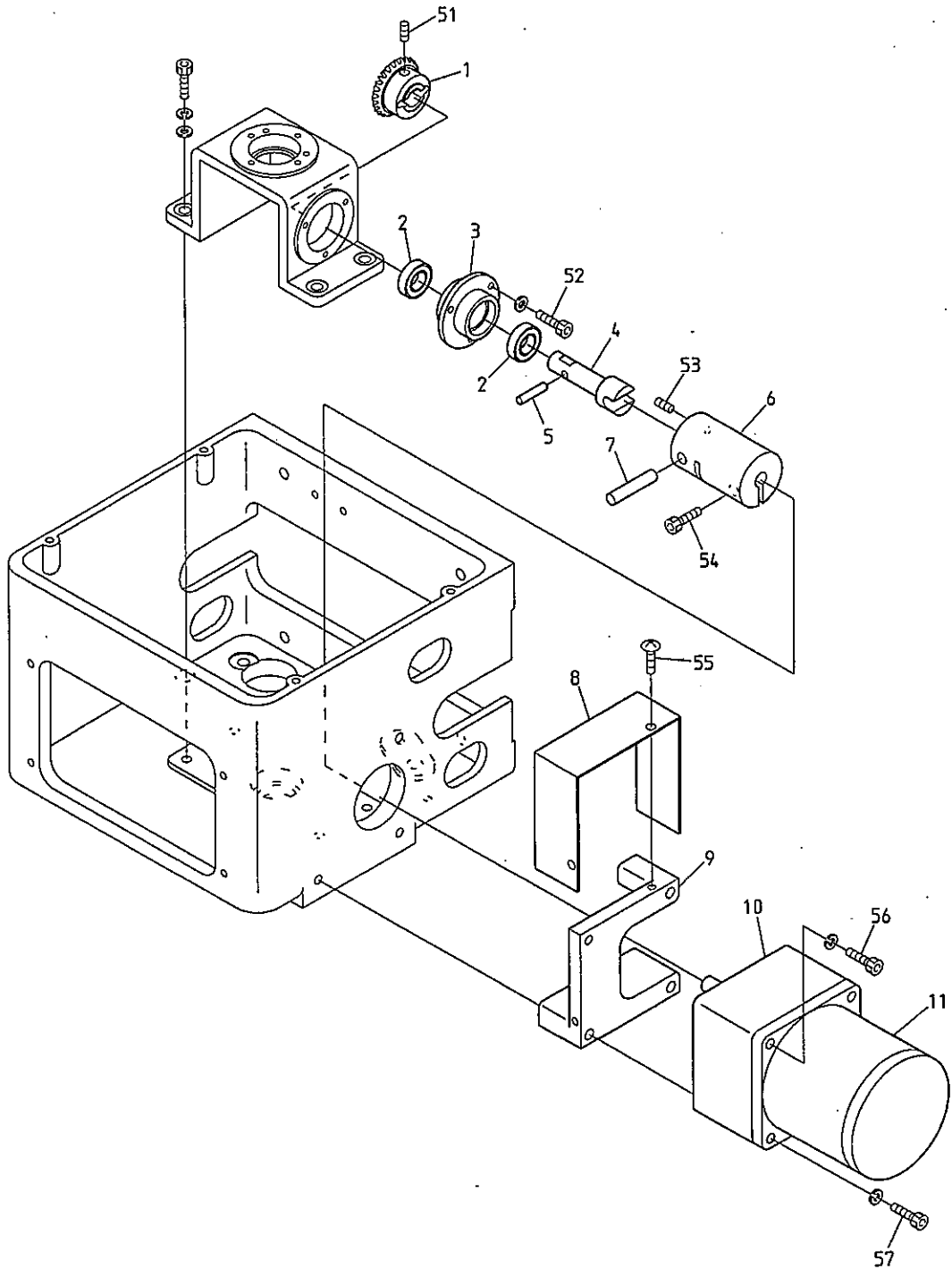
BEDSH-YN/YS-BS BEDSH-SAY8-12
BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9M(BN)

BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 1500×243/486 BEVY-Y9

BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9F(BN) BEVY-Y9C

07C Color change C
色換えC

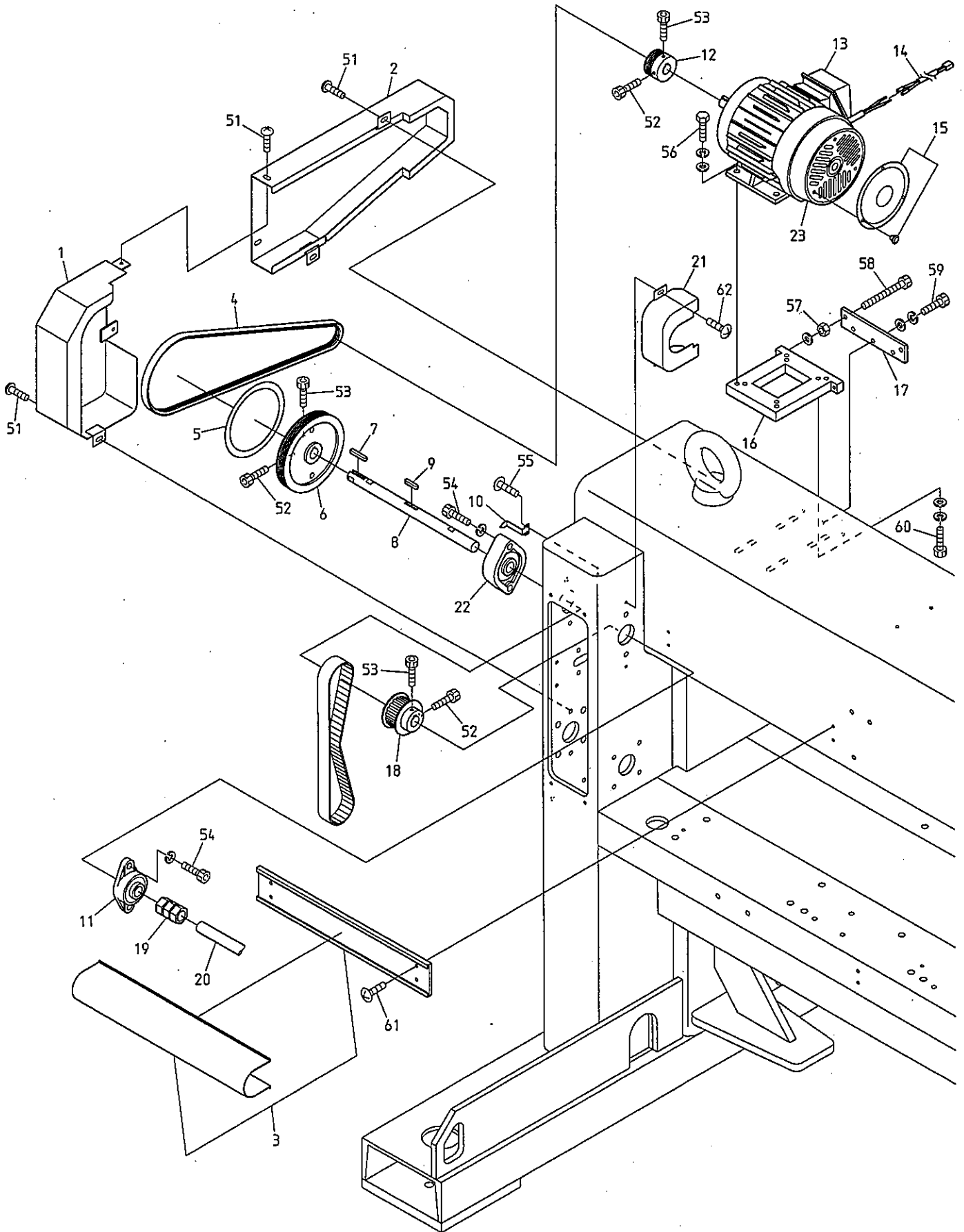


BEDSH-YN/YS-BS
BEDRH-YN/YS-BS

BEDSH-SAY8-12 BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN)

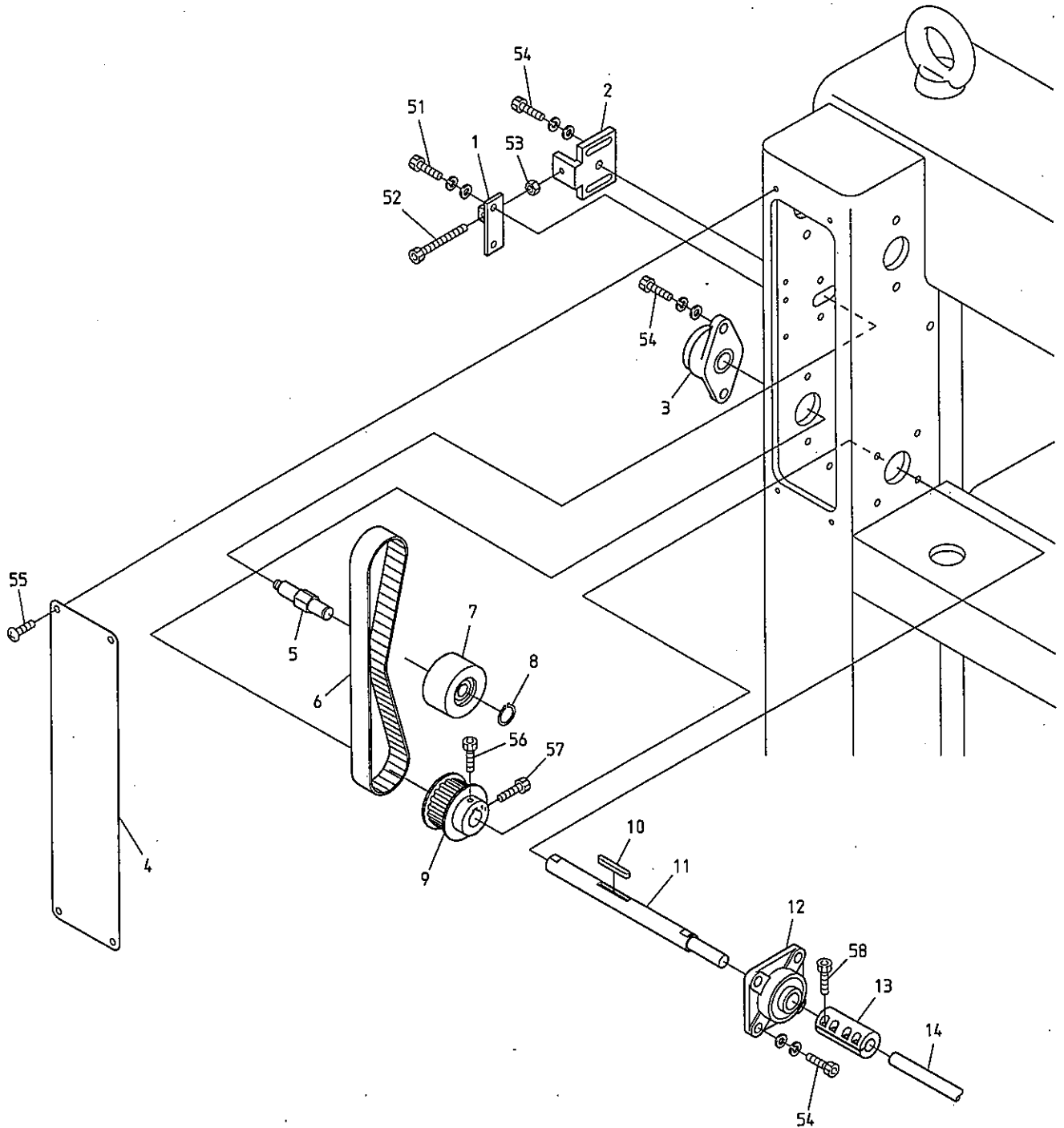
BEVX-Y9/Y7 BEVS-Y930 1500×243/486 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9F(BN)

08A Drive A
 駆動A



BEDSH-YN/YS-BS BEVS-Y9/Y7 BEVX-Y9/Y7 BEVS-Z9/Z12/Z15 BEVS-HLZ12
 BEDRH-YN/YS-BS

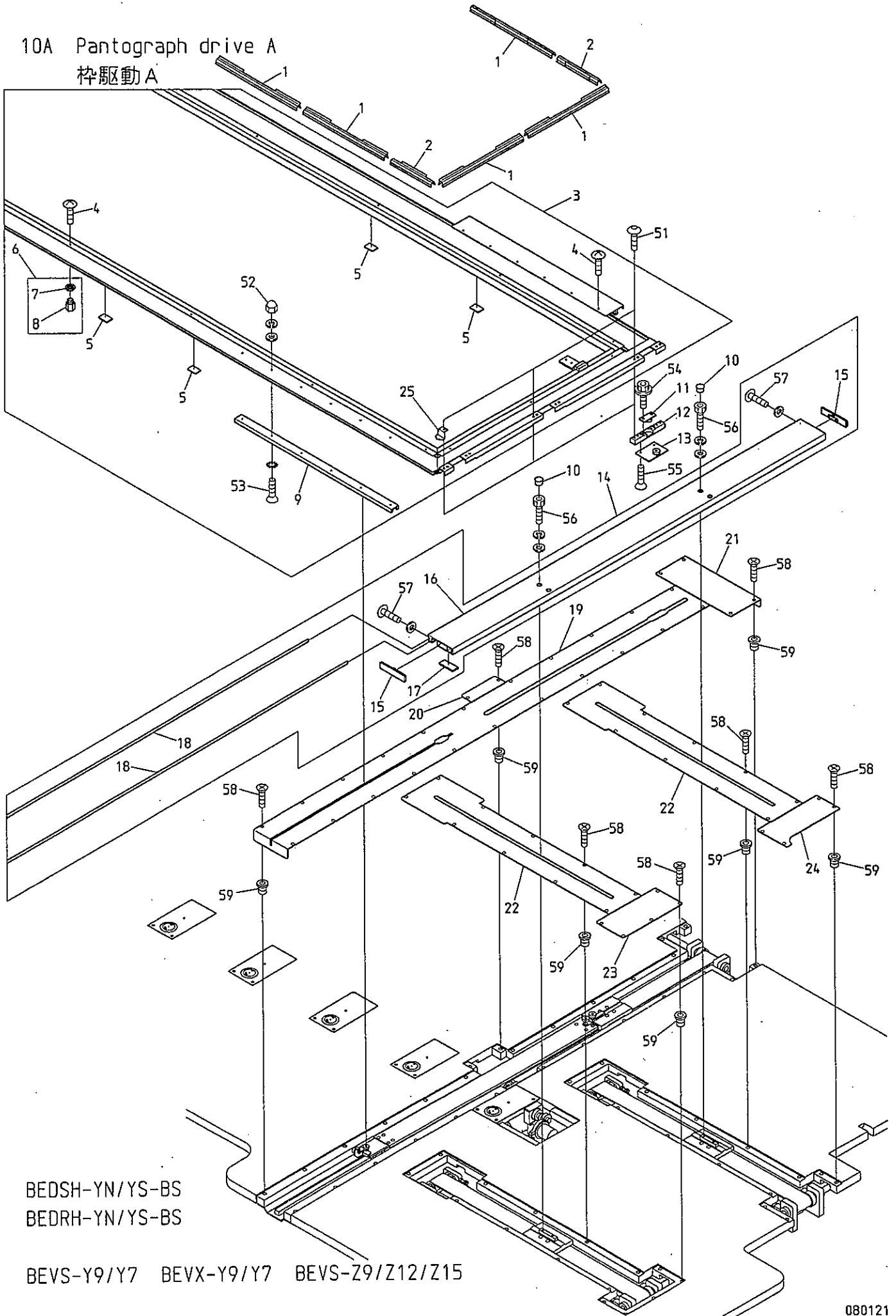
08B Drive B
 駆動B



BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Z9/Z12/Z15 BEVS-HLZ12

10A Pantograph drive A
 枠駆動 A



BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVX-Y9/Y7 BEVS-Z9/Z12/Z15

10A Pantograph drive A

(R=H-direction rail Q'TY) (※ Depends on machine type)

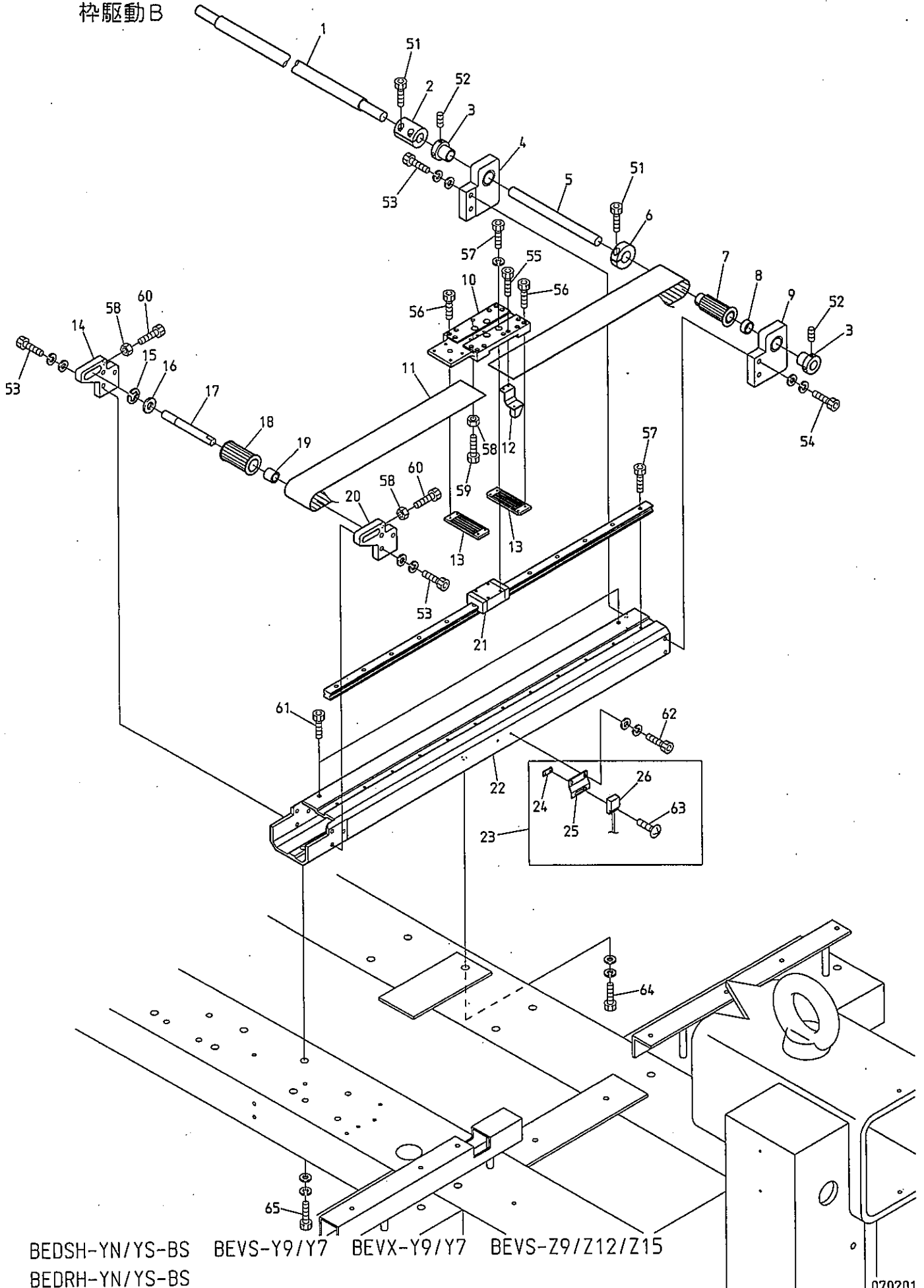
枠駆動A

(R=H方向レール数)

(※は機種によって異なる)

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	KF730750	Clip(300L)	クリップ(300L)	44	※
2	KF730760	Clip(150L)	クリップ(150L)	2	※
3	1GPC20300500DZO	Pantograph frame a'ssy (BEVS-20 600×300/500)	枠フレームASSY (BEVS-20 600×300/500)	1	※
4	KF730500	Truss screw SM11/64×10.5	十字穴付トラス小ネジ SM11/64×10.5		
5	RR730220	Felt(30×20×3T)	フェルト(30×20×3T)	R×2+4	※
6	RR730320	Caulking nut	カシメナット	96set	※
7	RR730310	Nut	ナット	96	
8	RR730300	Pantograph nut	ワクナット	96	
9	KN480420580	Guide rail A(580L)	摺動レールA(580L)	4	※
10	A9014160	Locking holl plug LHP-0500	ロッキングホールプラグ LHP-0500	4	
11	RR730010	V-guide bearing base a'ssy(Upper)	V摺動ベアリングベースASSY(上)	3	
12	RR730050C	V-guide bearing hold base	V摺動ベアリング固定ベース	3	
13	RR730020	V-guide bearing base a'ssy(Lower)	V摺動ベアリングベースASSY(下)	3	
14	RR73000B60	V-sub pantograph frame(600ST)	Vサブ枠フレーム(600ST)	1	Less than H1000 H1000以下
	RR73016B60	V-sub pantograph frame(600ST, wide 140)	Vサブ枠フレーム(600ST, 140幅)	1	Over H1000 H1000超え
15	RR730031C	V-sub pantograph frame cap	Vサブ枠フレームキャップ	2	Less than H1000 H1000以下
	RR730180	V-sub pantograph frame cap(For wide 140)	Vサブ枠フレームキャップ(140幅用)	2	Over H1000 H1000超え
16	RR73034A60	V-sub pantograph frame(600ST) Main body	Vサブ枠フレーム(600ST) 本体	1	Less than H1000 H1000以下
	RR73036A60	V-sub pantograph frame(600ST, wide 140) Main body	Vサブ枠フレーム(600ST, 140幅) 本体	1	Over H1000 H1000超え
17	RR730150	Felt for V-sub pantograph frame	Vサブ枠用フェルト	1	Less than H1000 H1000以下
	RR730170	Felt for V-sub pantograph frame(20×5×100)	Vサブ枠用フェルト(20×5×100)	1	Over H1000 H1000超え
18	RR73035A60	Suv pantograph guide plate(H600ST)	サブ摺動板(H600ST)	2	
19	RR48025A60	H-guide cover(600ST)	H案内カバー(600ST)	R×1	※
20	RJ250030	H-guide servise cover	H案内サービスカバー	R×1	
21	RF480471	H-guide rear cover	H案内リヤカバー	R×1	
22	RJ48018B500	V-guide cover(500ST)	V案内カバー(500ST)	2	※
23	RJ250040	V-guide servise cover(Front)	V案内サービスカバー(前)	1	
24	RR250200	V-guide servise cover(Rear)	V案内サービスカバー(後)	1	
25	SF730030	Position sting	指示針	1	
51		Hex. socket button bolt M5×12	六角穴付ボタンボルト M5×12		
52		Hex. socket button bolt M6×6 (With plain washer)	六角穴付ボタンボルト M6×6 (平座金付)		
53		Flush screw M4×12(With toothed lock washer)	十字穴付皿小ネジ M4×12(歯付皿座金付)		
54		Hex. socket flange bolt M5×12	六角穴付フランジボルト M5×12		
55		Hex. socket flush screw M5×12	六角穴付皿小ネジ M5×12		
56		Hex. socket bolt M5×18(With washers)	六角穴付ボルト M5×18(平座金 バネ座金付)		
57		Hex. socket button bolt M3×12 (With spring washer)	六角穴付ボタンボルト M3×12 (バネ座金付)		
58		Flush screw M4×8(Under cut)	十字穴付皿小ネジ M4×8(アンダーカット)		
59		Rag nut(C) M4	鬼目ナット(C) M4		

10B Pantograph drive B
 枠駆動B



BEDSH-YN/YS-BS BEVS-Y9/Y7 BEVX-Y9/Y7 BEVS-Z9/Z12/Z15
 BEDRH-YN/YS-BS

10B Pantograph drive B

(R=H-direction rail Q'TY) (※ Depends on machine type)

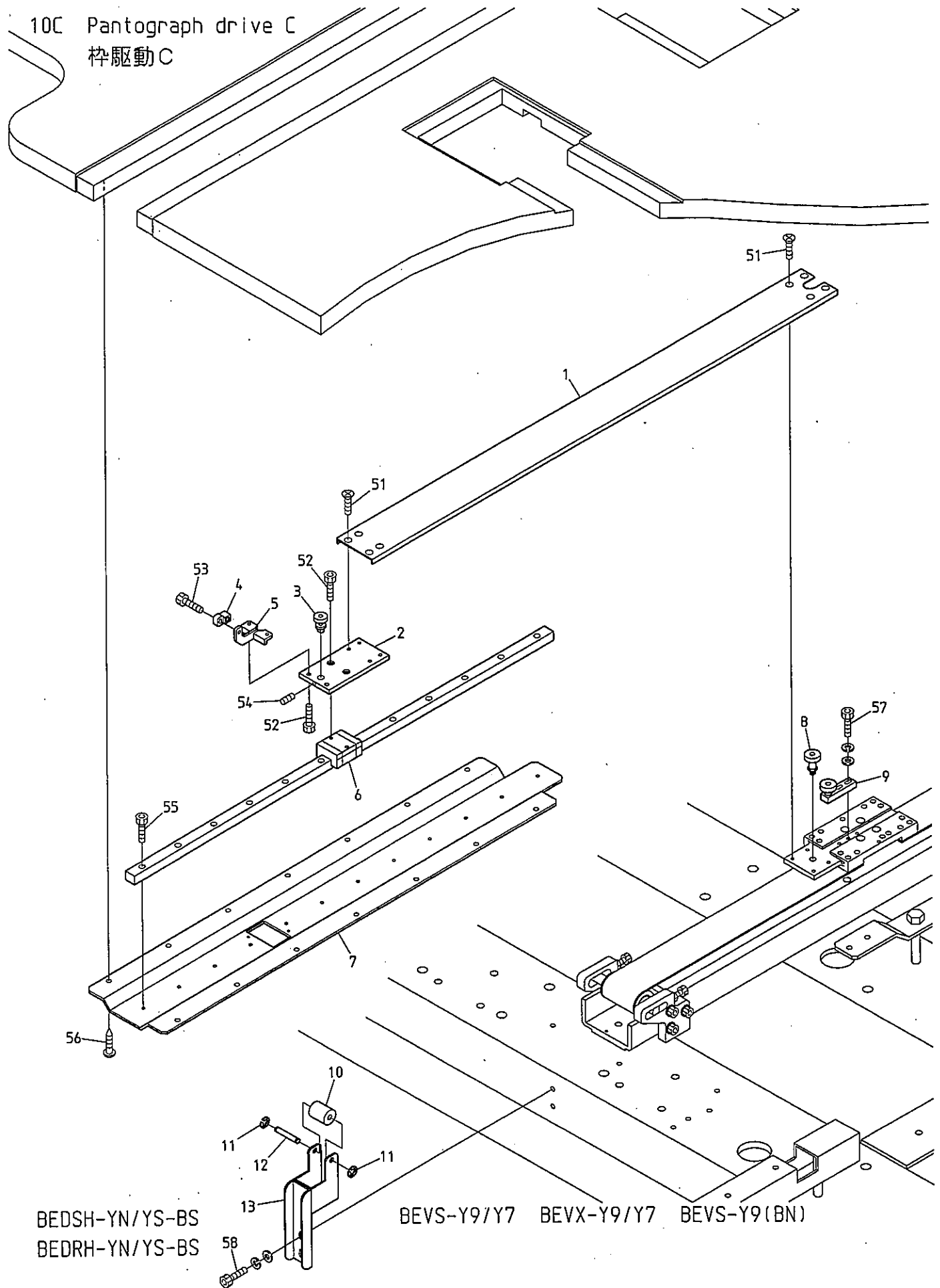
枠駆動B

(R=H方向レール数)

(※は機種によって異なる)

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	PC470010L1653	H-pantograph drive connecting shaft (L=1653)	H枠駆動連結シャフト (L=1653)	1	※
2	HH481932	Pulse motor coupling	パルスモーターカップリング	1	
3	HH481970C	Pulse motor connecting shaft collar	パルスモーター連結シャフトカラー	R × 2	
4	RF480092	Pantograph drive pulley fixing base a'ssy(L)	枠駆動プーリー取付台ASSY(L)	R × 1	
5	RR480150	Pantograph drive pulley shaft(φ15×186)	枠駆動プーリーシャフト(φ15×186)	R × 1	
6	HH481980	Clamping φ19	φ19 割リクランプ	R × 1	
7	RF480101	Pantograph drive pulley rear (W=50)	枠駆動プーリー 後(W=50)	R × 1	
8	RJ480080	Pantograph drive pulley position decision collar	枠駆動プーリー位置決めカラー	R × 1	
9	RF480082	Pantograph drive pulley fixing base a'ssy(R)	枠駆動プーリー取付台ASSY(R)	R × 1	
10	RJ480031	H-roller base(Rear)	Hローラーベース(後)	R × 1	
11	RR480080	Free span belt(B500-S5M)	フリースパンベルト(B500-S5M)	R × 1	※
12	RJ450021	Magnet fixing bracket a'ssy	マグネット取付ブラケットASSY	1	
13	RF480261	Timing belt hold rack(W=50)	タイミングベルト押エラック(W=50)	R × 2	
14	RJ480051C	Timing pulley fixing bracket(L)	従動プーリー取付ブラケット(L)	R × 1	
15	A9012052	E-ring φ10	E型止メ輪 φ10	R × 1	
16	A9010070	Thrust washer (AS1226)	スラストワッシャー (AS1226)	R × 1	
17	RJ480061C	Timing pulley shaft	従動プーリーシャフト	R × 1	
18	RF480140	Pantograph drive pulley front (W=50)	枠駆動プーリー 前(W=50)	R × 1	
19	RJ480070	Timing pulley position decision collar	従動プーリー位置決めカラー	R × 1	
20	RJ480041C	Timing pulley fixing bracket (R)	従動プーリー取付ブラケット (R)	R × 1	
21	RR48029A60G	LM guide (60ST, 700L) DSH, DXH	LMガイド (60ST, 700L) DSH, DXH	R × 1	※
22	RR48016A60	H-guide rail base (600ST)	H案内レール土台 (600ST)	R - 1	Except for last rail 最終部除く ※
	RR48017A60	H-guide rail base (600ST) last rail	H案内レール土台 (600ST) 最終部	1	Last rail 最終部 ※
23	RR450000	Origin point sensor a'ssy	原点センサーASSY	1	
24	RF450041	Origin point sensor fixed nut	原点センサー取付ナット	1	
25	RR450010	Origin point sensor bracket	原点センサーブラケット	1	
26	A9052031	Magnet proximity switch (MH-601AM)	磁気記憶近接スイッチ (MH-601AM)	1	
51		Hex. socket bolt M5 × 18	六角穴付ボルト M5 × 18		
52		Hex. socket set screw M5 × 8	六角穴付止めネジ M5 × 8		
53		Hex. socket bolt M6 × 22 (With washers)	六角穴付ボルト M6 × 22 (平座金 パネ座金付)		
54		Hex. socket bolt M6 × 25 (With washers)	六角穴付ボルト M6 × 25 (平座金 パネ座金付)		
55		Hex. socket bolt M3 × 8	六角穴付ボルト M3 × 8		
56		Hex. socket bolt M3 × 15	六角穴付ボルト M3 × 15		
57		Hex. socket bolt M4 × 12 (With spring washer)	六角穴付ボルト M4 × 12 (パネ座金付)		
58		Hex. nut M6	六角ナット M6		
59		Hex. socket bolt M6 × 20	六角穴付ボルト M6 × 20		
60		Hex. socket bolt M6 × 45	六角穴付ボルト M6 × 45		
61		Hex. socket bolt M6 × 6	六角穴付ボルト M6 × 6		
62		Hex. socket bolt M3 × 8 (With washers) SUS	六角穴付ボルト M3 × 8 (平座金 パネ座金付) SUS		
63		Truss screw M3 × 12 (SUS)	十字穴付トラス小ネジ M3 × 12 (SUS)		
64		Hex. socket bolt M8 × 30 (With washers)	六角穴付ボルト M8 × 30 (平座金 パネ座金付)		
65		Hex. socket bolt M8 × 25 (With washers)	六角穴付ボルト M8 × 25 (平座金 パネ座金付)		

10C Pantograph drive C
 杵駆動C

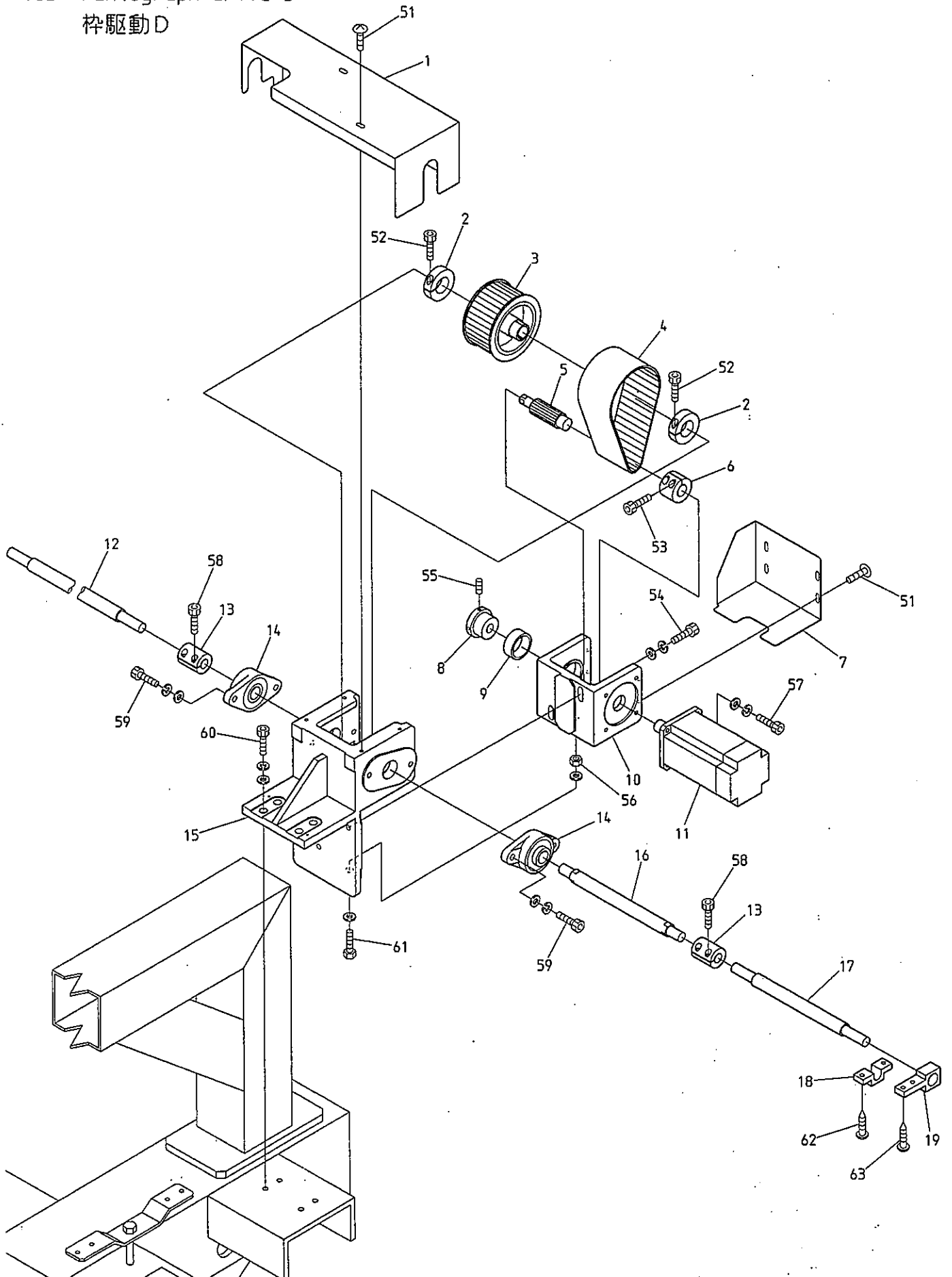


BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVX-Y9/Y7 BEVS-Y9(BN)

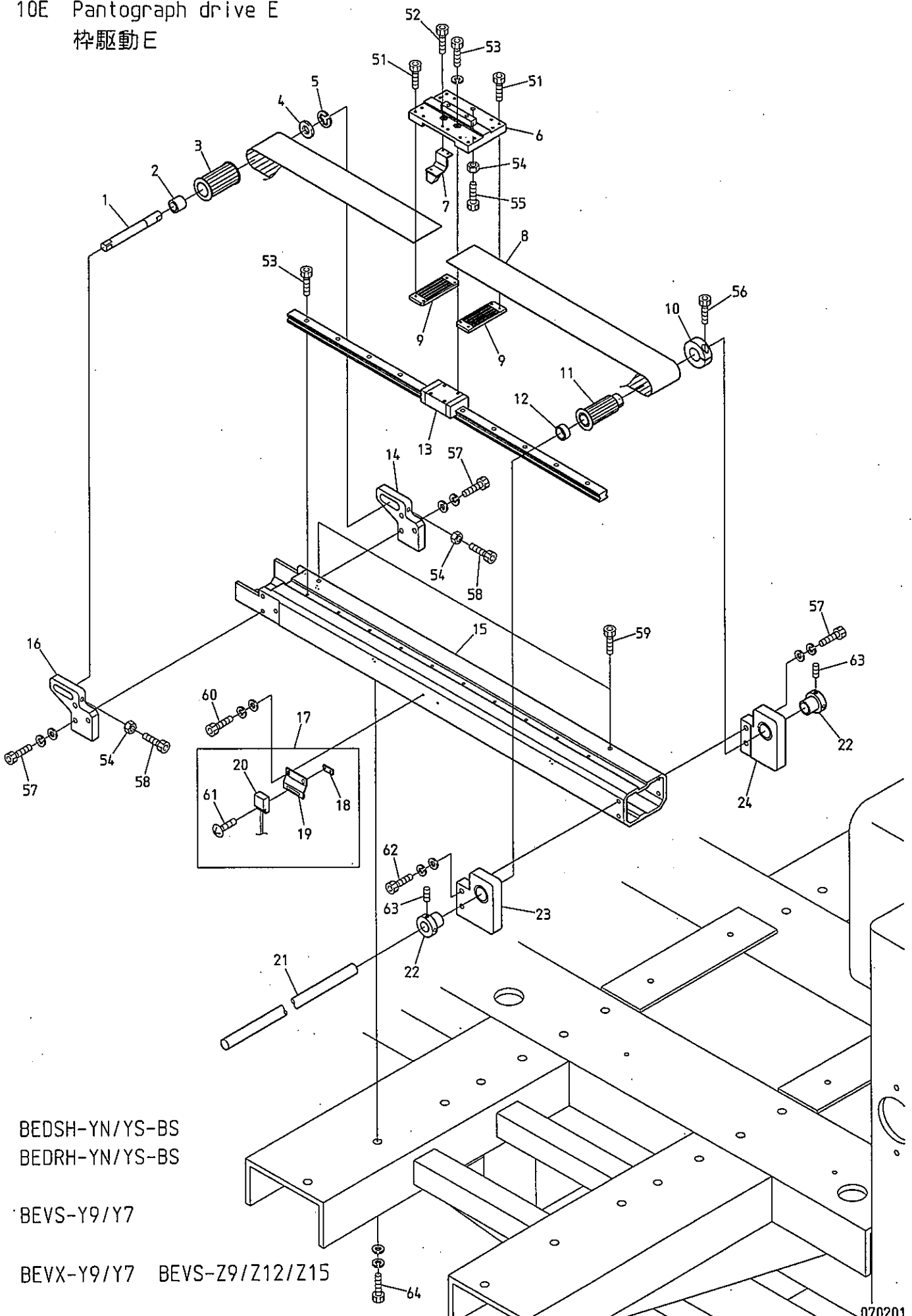
BEVY-Y9 BEVY-Y9(BN) BEVY-Y9F(BN) BEVS-Z9/Z12/Z15 BEVY-Z12/Z15

100 Pantograph drive D
 枠駆動D



BEDSH-YN/YS-BS BEVS-Y9/Y7 BEVS-Y9(BN) BEVS-Z9/Z12/Z15
 BEDRH-YN/YS-BS

10E Pantograph drive E
 杵駆動E



BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7

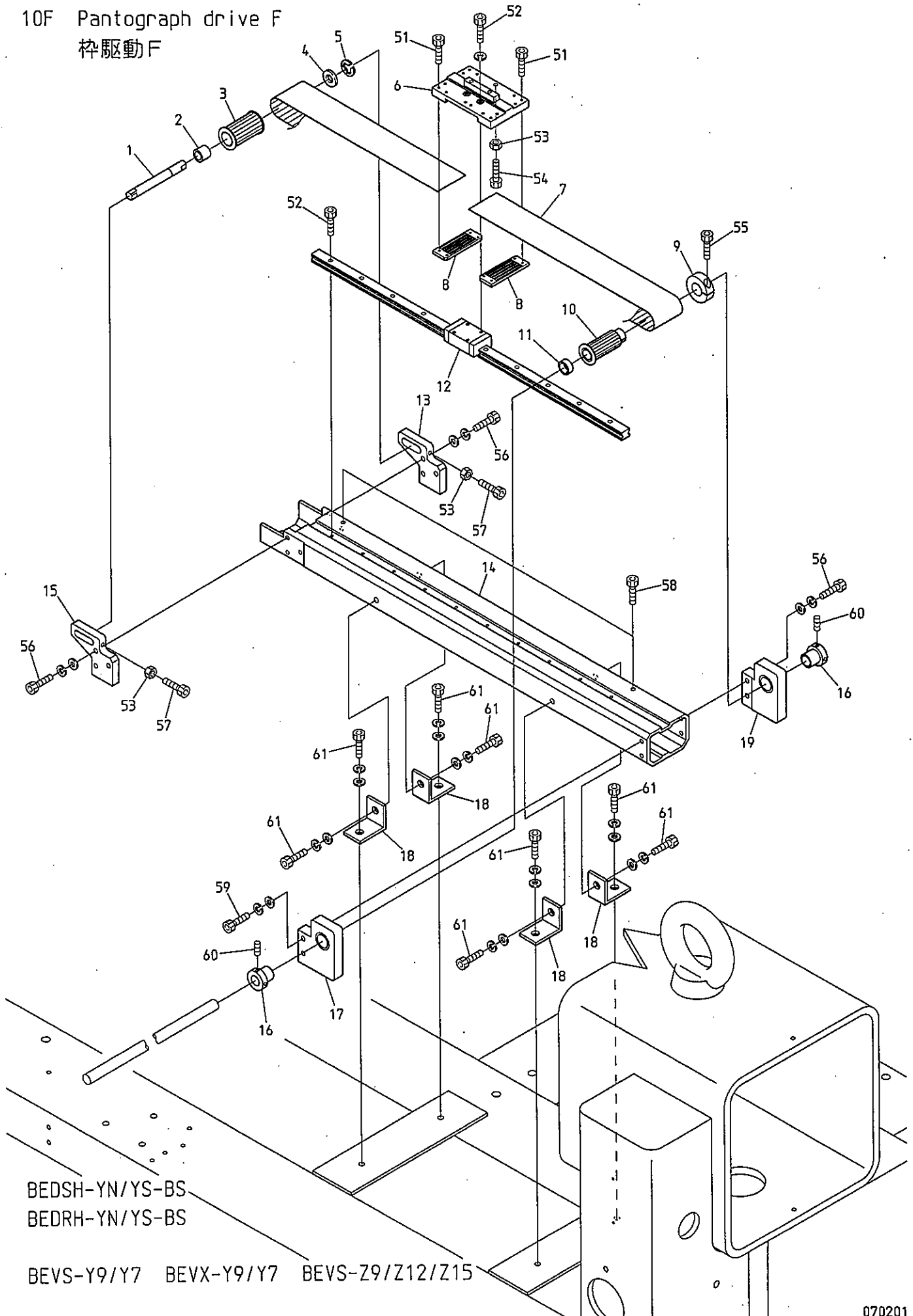
BEVX-Y9/Y7 BEVS-Z9/Z12/Z15

枠駆動E

(*は機種によって異なる)

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	RJ480061C	Timing pulley shaft	従動プーリーシャフト	1	
2	RJ480070	Timing pulley position decision collar	従動プーリー位置決メカラー	1	
3	RF480140	Pantograph drive pulley front (W=50)	枠駆動プーリー 前(W=50)	1	
4	A9010070	Thrust washer (AS1226)	スラストワッシャー (AS1226)	1	
5	A9012052	E-ring φ10	E型止メ輪 φ10	1	
6	RJ480152	V-roller base	Vローラーベース	1	Less than H1000 H1000以下
	RR480141	V-roller base (For wide 140)	Vローラーベース (140幅用)	1	Over H1000 H1000超エ
7	RJ450021	Magnet fixing bracket a'ssy	マグネット取付ブラケットASSY	1	
8	RR480080	Free span belt (B500-S5M)	フリースパンベルト (B500-S5M)	1	*
9	RF480261	Timing belt hold rack (W=50)	タイミングベルト押エラック (W=50)	2	
10	HH481980	Clamping φ19	φ19 割リクランプ	1	
11	RF480101	Pantograph drive pulley rear (W=50)	枠駆動プーリー 後(W=50)	1	
12	RJ480080	Pantograph drive pulley position decision collar	枠駆動プーリー位置決メカラー	1	
13	RF480370	V-side LM guide (L=600)	V側LMガイド (L=600)	1	*
14	RJ480051C	Timing pulley fixing bracket (L)	従動プーリー取付ブラケット (L)	1	
15	RR48018A500	V-guide rail base F (500ST)	V案内レール土台 (500ST)	1	*
16	RJ480041C	Timing pulley fixing bracket (R)	従動プーリー取付ブラケット (R)	1	
17	RR450000	Origin point sensor a'ssy	原点センサーASSY	1	
18	RF450041	Origin point sensor fixed nut	原点センサー取付ナット	1	
19	RR450010	Origin point sensor bracket	原点センサーブラケット	1	
20	A9052031	Magnet proximity switch (MH-601AM)	磁気記憶近接スイッチ (MH-601AM)	1	
21	RJ480190	V-pantograph drive pulley shaft	V枠駆動プーリーシャフト	1	
22	HH481970C	Pulse motor connecting shaft collar	パルスモーター連結シャフトカラー	2	
23	RF480082	Pantograph drive pulley fixing base a'ssy (R)	枠駆動プーリー取付台ASSY (R)	1	
24	RF480092	Pantograph drive pulley fixing base a'ssy (L)	枠駆動プーリー取付台ASSY (L)	1	
51		Hex. socket bolt M3×15	六角穴付ボルト M3×15		
52		Hex. socket bolt M3×8	六角穴付ボルト M3×8		
53		Hex. socket bolt M4×12 (With spring washer)	六角穴付ボルト M4×12 (バネ座金付)		
54		Hex. nut M6	六角ナット M6		
55		Hex. socket bolt M6×20	六角穴付ボルト M6×20		
56		Hex. socket bolt M5×18	六角穴付ボルト M5×18		
57		Hex. socket bolt M6×22 (With washers)	六角穴付ボルト M6×22 (平座金 バネ座金付)		
58		Hex. socket bolt M6×45	六角穴付ボルト M6×45		
59		Hex. socket bolt M4×8	六角穴付ボルト M4×8		
60		Hex. socket bolt M3×8 (With washers) SUS	六角穴付ボルト M3×8 (平座金 バネ座金付) SUS		
61		Truss screw M3×12 (SUS)	十字穴付トラス小ネジ M3×12 (SUS)		
62		Hex. socket bolt M6×25 (With washers)	六角穴付ボルト M6×25 (平座金 バネ座金付)		
63		Hex. socket set screw M5×8	六角穴付止メネジ M5×8		
64		Hex. socket bolt M8×30 (With washers)	六角穴付ボルト M8×30 (平座金 バネ座金付)		

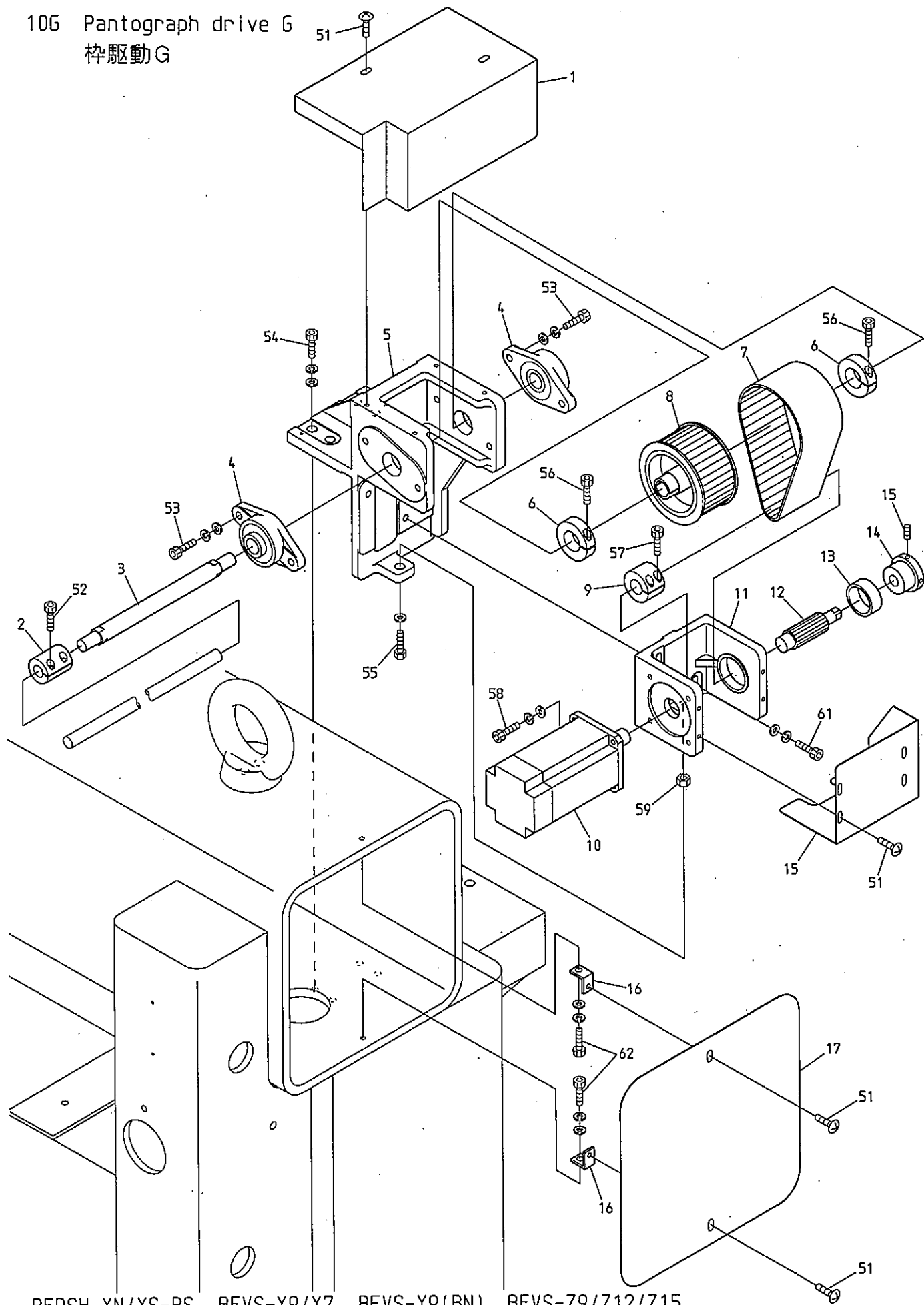
10F Pantograph drive F
 枠駆動 F



BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7 BEVX-Y9/Y7 BEVS-Z9/Z12/Z15

106 Pantograph drive G
 枠駆動G



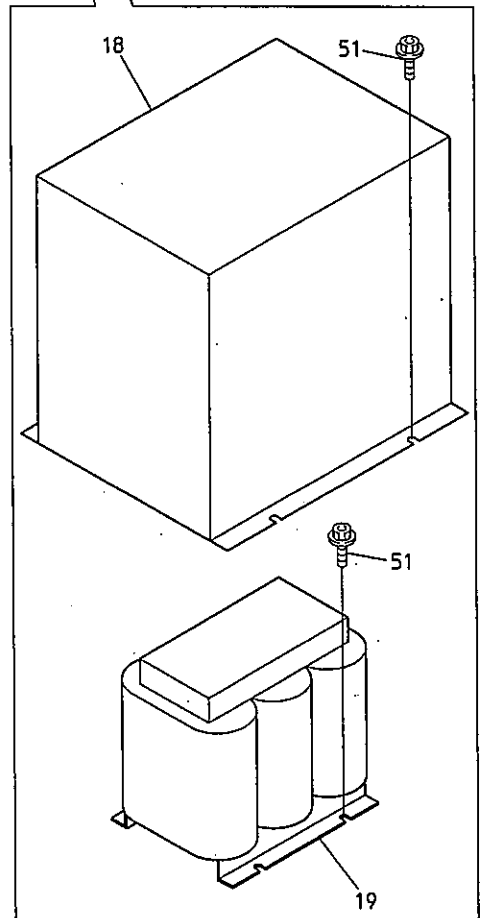
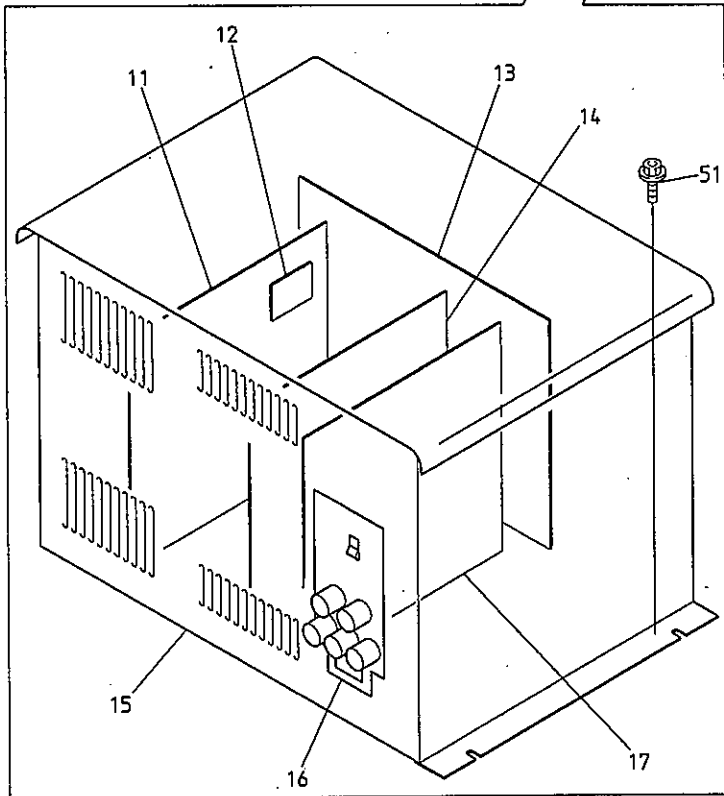
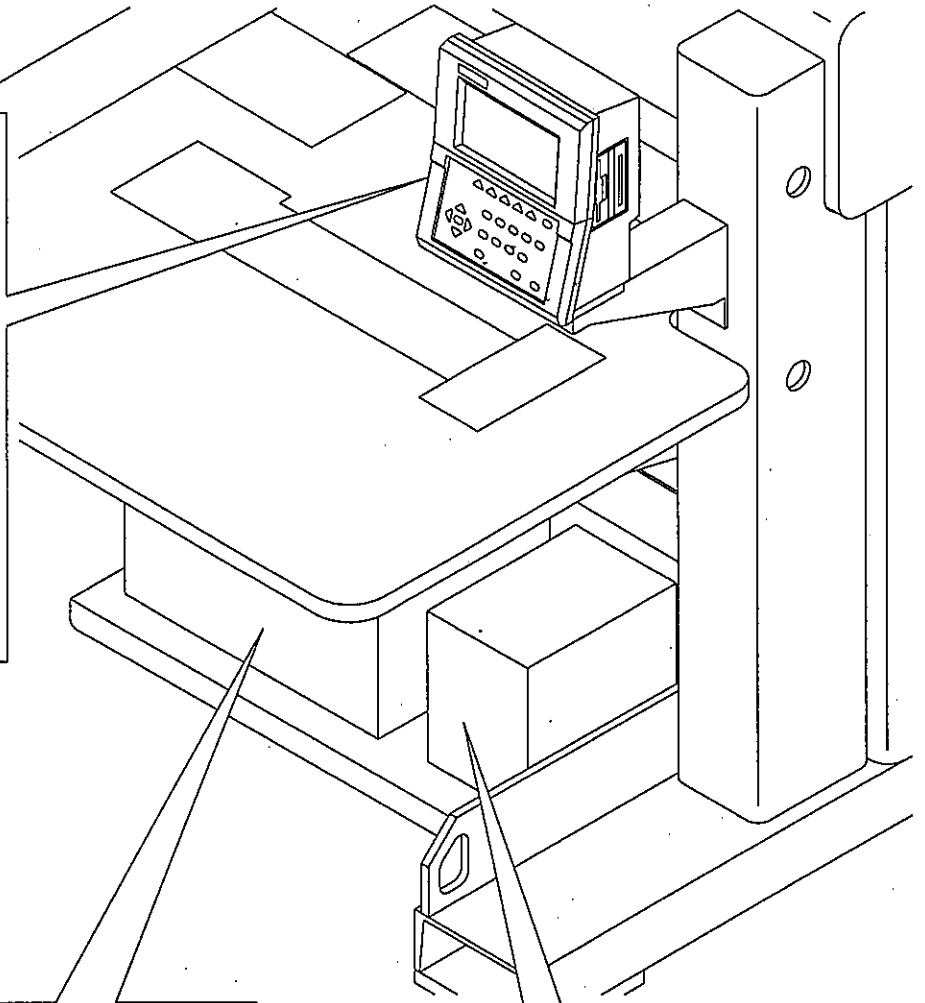
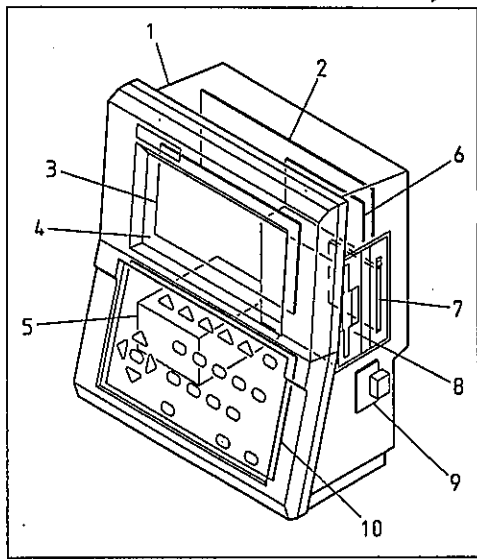
BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7

BEVS-Y9(BN)

BEVS-Z9/Z12/Z15

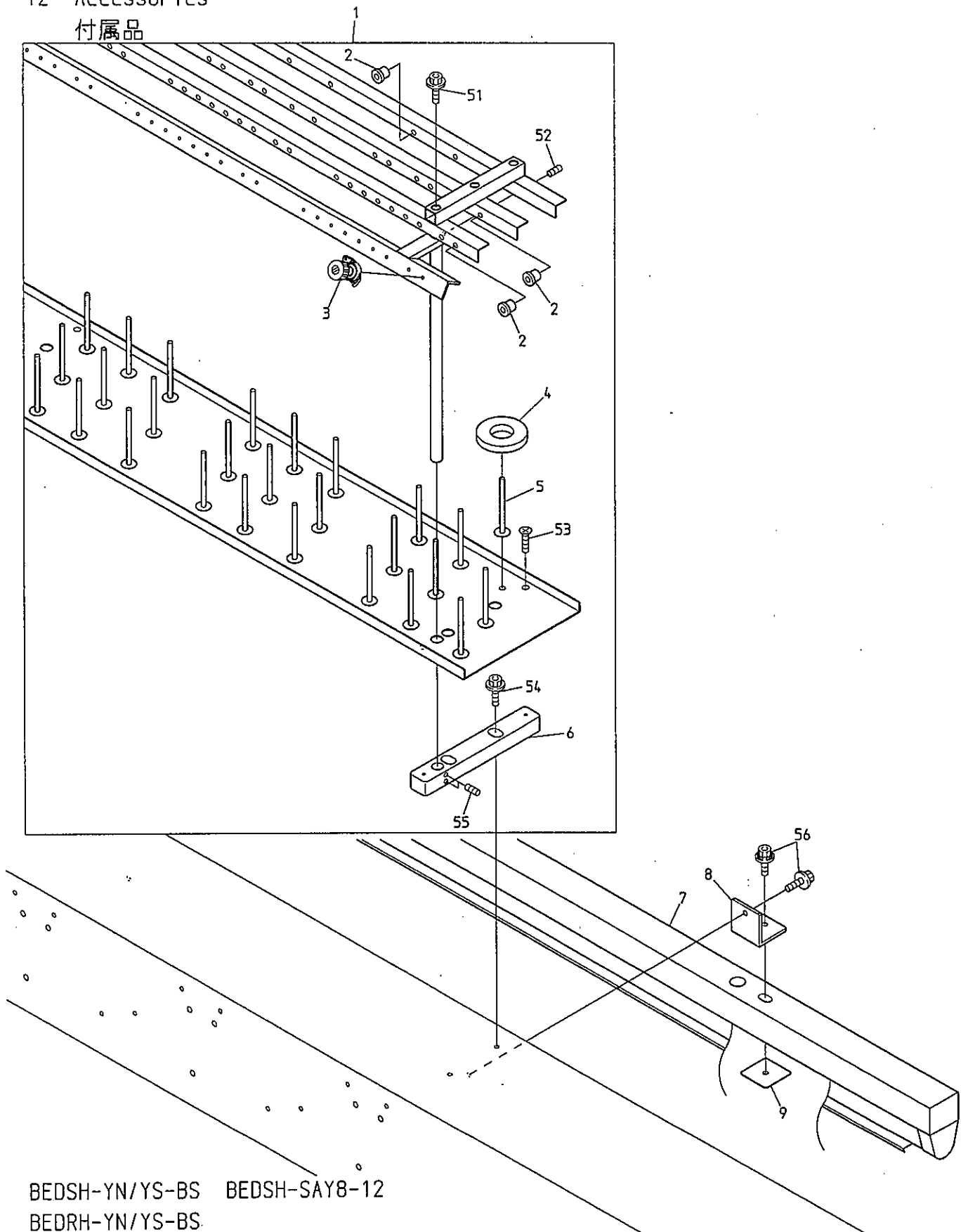
11A Control A
制御A



BEVS-Y9/Y7 BEVS-Y9(BN) BEVS-Z9/Z12/Z15

12 Accessories

付属品



BEDSH-YN/YS-BS BEDSH-SAY8-12
BEDRH-YN/YS-BS.

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7

BEVS-Y930 1500×243/486 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9F(BN) BEVS-Z9

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
1APCL300500DAZO	00	13	A9012426	10C	11
1CPC20300500DZO	00	1	A9012484	01A	25
1GPC20300500DZO	10A	3	A9013066	02C	16
1SPC20300500A0	08A	3	A9013069	08A	19
1UPC203000	11B	1	A9014055	04A	16
1UPF203000	11B	1	A9014160	10A	10
2CRR920300A	12	1	A9019046	07A	11
2DPC203000	11B	4	A9019046	07C	5
A9010001	07A	7	A9020131	08B	6
A9010056	10D	9	A9020188	08A	4
A9010056	10G	13	A9020193	08A	4
A9010064	02B	8	A9052028	02C	10
A9010070	10B	16	A9052031	10B	26
A9010070	10E	4	A9052031	10E	20
A9010070	10F	4	A9052078	02B	3
A9010073	03B	15	A9052089	11B	19
A9010100	01B	5	A9052090	11B	13
A9010101	01B	6	A9054054	11A	7
A9010108	07C	2	A9054055	02B	17
A9011021	03A	16	A9056029	07B	9
A9011021	04A	23	A9056037	02D	20
A9011022	04A	24	A9056046	05	6
A9011023	04A	22	A9056047	02A	8
A9011111	01A	1	A9056048	02C	1
A9011152	03A	15	A9065092	07C	11
A9011238	08B	3	A9065101	08A	13
A9011239	08B	12	A9065105	07C	10
A9011240	08A	11	A9065110	08A	23
A9011240	10D	14	A9065133	02B	19
A9011240	10G	4	A9065134	02B	18
A9012001	07A	15	A9068052	11B	7
A9012002	02B	11	EAY056A3	11A	19
A9012002	07B	18	EAY076A3	11A	19
A9012052	10B	15	EAY090A1	11A	1
A9012052	10E	5	EAY097A2	11A	15
A9012052	10F	5	EBY01120	07A	3
A9012053	04A	21	EBY01663	11B	6
A9012055	07B	23	EBY02360	11A	13
A9012068	08B	8	EBY02370	11A	16
A9012127	02D	22	EBY02380	11A	17
A9012143	07B	10	EBY02410	11A	12
A9012164	04B	10	EBY02440	11A	8
A9012313	01A	22	EBY02582	06-1	16
A9012368	04B	17	EBY02592	06-2	15
A9012421	03B	16	EBY02870	06-1	18

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
EBY02870	06-2	18	HB320070	08B	14
EBY03010	11A	2	HB330040	07A	17
EBY03020	11A	10	HB330050	07B	20
EBY03030	11A	6	HB330060C	07B	11
EBY03100	11A	9	HB330070C	07B	6
EBY03170	11A	14	HB330080	07B	22
EBY03200	11A	11	HB330090	07B	3
EDY00230	11A	4	HB330101	07B	4
EDY00240	11A	3	HB330120C	07A	12
EDY00250	11A	5	HB330200C	07A	6
EDY00350	10D	11	HB330211C	07A	5
EDY00350	10G	10	HB330221	07A	4
EP580050C	12	7	HB330280	07C	7
FA999052	06-1	11	HB330290	07C	4
FA999052	06-2	11	HB330301	07C	3
FN070011RG	04A	14	HB330310	07A	10
HB220010	01A	8	HB330320	07A	8
HB230070C	03B	8	HB330330C	07A	9
HB230080C	03B	7	HB330330C	07C	1
HB230160	04B	11	HB330350	07B	7
HB230180	04C	15	HB330370	07C	9
HB230190C	04C	19	HB330380	07C	8
HB230201C	04B	13	HB330410	07C	6
HB230220C	04C	8	HB710011	12	8
HB230262C	04C	7	HB710020	12	9
HB230271C	04C	3	HH220570	01A	13
HB230281C	04C	5	HH330670C	07B	12
HB230620	03B	4	HH330760	02B	12
HB230650	03B	30	HH330770	02B	14
HB230751	03A	6	HH330770	07B	14
HB230800	03B	20	HH481932	10B	2
HB240020C	05	13	HH481932	10D	13
HB240030C	05	14	HH481932	10G	2
HB240041	05	9	HH481970C	01B	7
HB240110	05	2	HH481970C	10B	3
HB240151	03A	2	HH481970C	10E	22
HB240161	03A	12	HH481970C	10F	16
HB240241C	06-1	27	HH481980	10B	6
HB240241C	06-2	27	HH481980	10E	10
HB240351C	05	8	HH481980	10F	9
HB310070	08A	18	HK220681	01A	9
HB310070	08B	9	HP210341	01A	15
HB310080	08B	7	HP211050	01A	15
HB310260	08A	9	HP220680C	01A	9
HB320070	01A	24	HP220712	01A	4

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HP231370	0 4 B	26	HT230491C	0 4 B	1
HP241431	1 2	3	HT230500	0 4 B	5
HP321082	0 1 A	16	HT230510	0 4 B	12
HP321090C	0 1 A	17	HT230520	0 4 B	16
HP321100	0 8 B	13	HT230541	0 3 A	8
HP321120	0 0	3	HT230560C	0 4 B	21
HP321710C	0 1 B	8	HT230590	0 4 C	1
HP321720C	0 1 B	1	HT230620C	0 5	12
HP331560	0 7 B	17	HT230640	0 2 D	27
HP331610	0 7 B	16	HT230690	0 4 A	19
HP331660	0 7 A	16	HT230730	0 4 B	18
HP331700	0 7 B	2	HT230750	0 4 B	23
HP331924	0 1 B	2	HT230760	0 4 B	9
HP331950C	0 7 B	5	HT230770	0 4 B	22
HT220011	0 1 A	11	HT230830	0 2 D	28
HT220020C	0 1 A	10	HT230941	0 3 A	4
HT220030	0 1 A	10	HT230950	0 3 A	14
HT220043	0 1 A	5	HT240000	0 3 A	1
HT220053	0 1 A	5	HT240010	0 3 A	13
HT220061	0 1 A	3	HT240101	0 6 - 1	13
HT230020	0 3 A	10	HT240101	0 6 - 2	13
HT230064	0 4 A	9	HT240180	0 6 - 1	14
HT230071	0 3 A	3	HT240180	0 6 - 2	17
HT230080	0 3 A	7	HT240290	0 6 - 1	4
HT230100C	0 3 B	3	HT240290	0 6 - 2	4
HT230111	0 4 A	18	HT240430C	0 6 - 1	26
HT230120	0 4 A	12	HT240430C	0 6 - 2	26
HT230171	0 3 A	5	HT240440C	0 6 - 1	28
HT230180C	0 4 A	20	HT240440C	0 6 - 2	28
HT230220	0 5	11	HT240480	1 2	2
HT230263	0 4 A	8	HT240490	1 2	2
HT230270	0 3 A	11	HT240500	0 3 A	1
HT230280C	0 4 B	20	HT240510	0 3 A	13
HT230290	0 4 B	15	HT240570	0 5	5
HT230300	0 3 A	17	HT240580	0 5	3
HT230320C	0 4 B	2	HT270001C	0 2 D	3
HT230330	0 4 A	7	HT270010C	0 2 D	2
HT230340	0 4 B	3	HT270023	0 2 D	7
HT230350	0 2 D	30	HT270030C	0 2 D	1
HT230361	0 2 D	29	HT270040C	0 2 D	5
HT230410C	0 4 C	6	HT270063	0 2 D	8
HT230420C	0 4 C	9	HT270070C	0 2 C	3
HT230460	0 4 B	7	HT270091	0 2 D	26
HT230471	0 4 B	14	HT270110C	0 2 C	14
HT230480C	0 4 B	8	HT270121	0 2 D	24

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HT270140	0 2 D	1	KF220421	0 1 A	7
HT270150	0 2 D	3	KF220530	0 1 A	7
HT330001	0 7 A	13	KF220700	0 1 A	8
HT710000	1 2	5	KF221020	0 1 A	6
HV250010	0 2 A	1	KF230501	0 3 B	34
HV270020	0 2 A	12	KF230582C	0 2 D	4
HV270030C	0 2 A	9	KF230620	0 4 C	17
HV270071	0 2 A	5	KF230620	0 7 B	21
HV270090C	0 2 A	6	KF230630	0 7 B	19
HV270100C	0 2 A	11	KF230640C	0 2 A	7
HV270240	0 2 B	15	KF230640C	0 4 C	14
HV270280	0 2 B	4	KF230661	0 4 C	16
HV270310	0 2 A	4	KF230670	0 4 C	10
HV270320	0 2 A	25	KF230680	0 3 B	6
HV270340	0 2 A	2	KF232130	0 4 A	11
HV270350	0 2 B	6	KF250220	0 2 D	10
HV270360	0 2 B	2	KF250231	0 2 D	12
HV270372	0 1 A	14	KF250241	0 2 D	11
HV270381	0 2 A	26	KF250250	0 2 D	13
HV270410	0 2 A	5	KF250900	0 2 A	13
HV270420	0 2 A	15	KF530151	1 1 B	12
HV270440	0 2 A	14	KF530160	1 1 B	17
HV310050	0 8 A	7	KF530171	1 1 B	16
HV310070	0 8 B	10	KF710390	1 2	4
HV310110	0 8 A	10	KF730500	1 0 A	4
HV310120	0 8 A	13	KF730750	1 0 A	1
HV330022	1 1 B	10	KF730760	1 0 A	2
HV370330	0 2 A	3	KL230180	0 4 C	18
HV710010	1 2	7	KL270001	0 2 D	17
KC270101C	0 2 D	19	KL270041	0 2 D	23
KC270271C	0 2 D	6	KL270060C	0 2 D	21
KC270292	0 2 D	9	KL270070C	0 2 D	15
KC271440	0 2 B	1	KL270081	0 2 C	2
KC330170C	0 7 A	2	KL270091	0 2 C	11
KC330180	0 2 B	7	KL270101	0 2 C	5
KC330280	0 7 A	1	KL270110C	0 2 C	8
KC330310240	0 7 A	14	KL270120C	0 2 C	7
KC330410	0 4 A	25	KL270131C	0 2 C	6
KC330410	0 2 B	13	KL270260C	0 2 C	9
KC330410	0 4 C	13	KL270400	0 2 C	13
KC330410	0 7 B	13	KL270450	0 2 C	12
KC330420	0 7 B	15	KL270520	0 2 D	18
KC530230	1 1 B	14	KL270530	0 2 D	25
KC530240	1 1 B	15	KN271720	0 2 B	16
KF220302	0 1 A	6	KN271750	0 2 B	9

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
KN271782	0 2 B	8	RF480082	1 0 E	23
KN271800	0 2 B	10	RF480082	1 0 F	17
KN272350	0 2 B	5	RF480092	1 0 B	4
KN272401	0 2 A	10	RF480092	1 0 E	24
KN272401	0 2 C	4	RF480092	1 0 F	19
KN272401	0 2 D	16	RF480101	1 0 B	7
KN310010	0 8 A	12	RF480101	1 0 E	11
KN313671	0 8 A	5	RF480101	1 0 F	10
KN330010	0 2 B	13	RF480140	1 0 B	18
KN480420580	1 0 A	9	RF480140	1 0 E	3
KN511020	0 1 B	3	RF480140	1 0 F	3
KN540510	0 6 - 1	12	RF480261	1 0 B	13
KN540510	0 6 - 2	12	RF480261	1 0 E	9
KR480100	1 0 D	8	RF480261	1 0 F	8
KR480100	1 0 G	14	RF480370	1 0 E	13
KV230040	0 4 A	6	RF480370	1 0 F	12
KX510060	1 1 B	2	RF480471	1 0 A	21
MK230071	0 4 C	11	RF490011	1 0 D	15
MK230080C	0 4 C	12	RF490011	1 0 G	5
PC240011	0 6 - 1	22	RF490021	1 0 D	10
PC240011	0 6 - 2	22	RF490021	1 0 G	11
PC240020	0 6 - 1	23	RF490041	1 0 D	3
PC240020	0 6 - 2	23	RF490041	1 0 G	8
PC240030	0 6 - 1	25	RF490051	1 0 D	5
PC240030	0 6 - 2	25	RF490051	1 0 G	12
PC240040	0 6 - 1	24	RF490061	1 0 D	4
PC240040	0 6 - 2	24	RF490061	1 0 G	7
PC240051	0 6 - 1	1	RF490071C	1 0 D	16
PC240060	0 6 - 1	10	RF490071C	1 0 G	3
PC240070	0 6 - 1	19	RF490080	1 0 D	6
PC470010L0330	1 0 D	17	RF490080	1 0 G	9
PC470010L1030	1 0 D	12	RF510030	1 1 B	3
PC470010L1653	1 0 B	1	RF510090	0 8 A	14
PH240001	0 6 - 2	1	RH230271	0 3 B	12
PH240010	0 6 - 2	10	RH230280	0 3 B	11
PH240020	0 6 - 2	19	RH230300	0 3 B	10
RD230370C	0 4 A	10	RH230311	0 3 B	1
RD230480	0 4 A	2	RH230320	0 3 B	18
RD230490	0 4 A	4	RH230330C	0 3 B	19
RD240154	0 6 - 1	6	RH230410C	0 4 A	5
RD240154	0 6 - 2	6	RH230440	0 4 A	3
RF250091	0 0	4	RH230450	0 4 A	13
RF450041	1 0 B	24	RH230460	0 4 A	15
RF450041	1 0 E	18	RH230540	0 4 B	19
RF480082	1 0 B	9	RH230550	0 4 B	27

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
RH230610	03B	37	RJ720063	00	15
RH230801	03B	35	RJ720091	00	19
RH230810	03B	5	RL250040	00	2
RJ140000	00	6	RN210012	03B	17
RJ140010	00	9	RN230010	03B	36
RJ140020	00	7	RN230020C	03B	13
RJ140030	00	12	RN230030	03B	33
RJ140060	00	8	RN230040	03B	14
RJ140100	00	5	RN230050	03A	9
RJ250030	10A	20	RN230061	03B	32
RJ250040	10A	23	RN230071	03B	9
RJ250130	10G	16	RN240010	05	7
RJ250160	08A	15	RN240020	05	1
RJ270110	02A	26	RN240030	05	4
RJ310010C	08B	11	RN310000C	08A	8
RJ310060	08B	5	RN320010	08A	20
RJ450021	10B	12	RP330010	07B	1
RJ450021	10E	7	RP510020	01B	4
RJ480031	10B	10	RR140000	00	20
RJ480041C	10B	20	RR140010	00	14
RJ480041C	10E	16	RR140020	00	11
RJ480041C	10F	15	RR140031	00	10
RJ480051C	10B	14	RR230000C	03B	2
RJ480051C	10E	14	RR230011	04A	17
RJ480051C	10F	13	RR230020	04A	26
RJ480061C	10B	17	RR230031C	04B	4
RJ480061C	10E	1	RR230040	03B	31
RJ480061C	10F	1	RR230051	04A	1
RJ480070	10B	19	RR230061	04A	1
RJ480070	10E	2	RR230081	04C	4
RJ480070	10F	2	RR230091	04C	2
RJ480080	10B	8	RR230130	04B	6
RJ480080	10E	12	RR230140	04B	25
RJ480080	10F	11	RR230150	04B	24
RJ48009B60	10C	1	RR230190	05	10
RJ480110	10C	8	RR230260	03B	9
RJ480121	10C	9	RR230270	03B	32
RJ480152	10E	6	RR240060	06-1	21
RJ480152	10F	6	RR240060	06-2	21
RJ480160	10F	18	RR240280	06-1	2
RJ48018B500	10A	22	RR240300C	06-1	3
RJ480190	10E	21	RR240300C	06-2	3
RJ720011	00	16	RR240310	06-1	8
RJ720020	00	17	RR240320	06-1	9
RJ720050	00	18	RR240330	06-1	17

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
RR240330	06-2	16	RR480080	10F	7
RR240350	06-1	20	RR480141	10E	6
RR240390	06-1	7	RR480141	10F	6
RR240390	06-2	7	RR480150	10B	5
RR240460	06-2	8	RR48016A60	10B	22
RR240470	06-2	9	RR48017A60	10B	22
RR240490	06-2	20	RR48018A500	10E	15
RR240500	06-2	2	RR48019A500	10F	14
RR240510	06-1	5	RR48023A60G	10C	6
RR240510	06-2	5	RR48024A60	10C	7
RR240660	06-1	15	RR48025A60	10A	19
RR240660	06-2	14	RR480260	10C	3
RR250002	10D	1	RR480270	10C	2
RR250012	10D	7	RR48029A60G	10B	21
RR250012	10G	15	RR480300	10D	19
RR250022	10G	1	RR510010	11B	9
RR250080	08B	4	RR510150	11B	11
RR250121	08A	1	RR510170	11B	5
RR250190	08A	2	RR520000	11A	18
RR250200	10A	24	RR530000	11B	18
RR250210	10G	17	RR73000B60	10A	14
RR250270	08A	21	RR730010	10A	11
RR270010	02B	20	RR730020	10A	13
RR270090	02D	14	RR730031C	10A	15
RR310000	08A	6	RR730050C	10A	12
RR310010	08A	16	RR730150	10A	17
RR310020	08A	17	RR73016B60	10A	14
RR310040	08B	1	RR730170	10A	17
RR310080	08A	13	RR730180	10A	15
RR310090	08A	22	RR730220	10A	5
RR310263	08B	2	RR730300	10A	8
RR320021C	03B	38	RR730310	10A	7
RR320030C	03B	39	RR730320	10A	6
RR320041	10D	2	RR73034A60	10A	16
RR320041	10G	6	RR73035A60	10A	18
RR330010	07B	8	RR73036A60	10A	16
RR450000	10B	23	SF730030	10A	25
RR450000	10E	17	SG510000	11B	5
RR450010	10B	25	SG510080	11B	8
RR450010	10E	19	SK480200	10D	18
RR460000C	10C	5	SK710000	12	6
RR460011	10C	4	WW480020	10C	10
RR480061C	10C	13	WW480030	10C	12
RR480080	10B	11			
RR480080	10E	8			