

Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

MODEL **BEXS-Y9/Y7**

PARTS LIST

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BEXS-Y9/Y7

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

高速自動刺繍マシン

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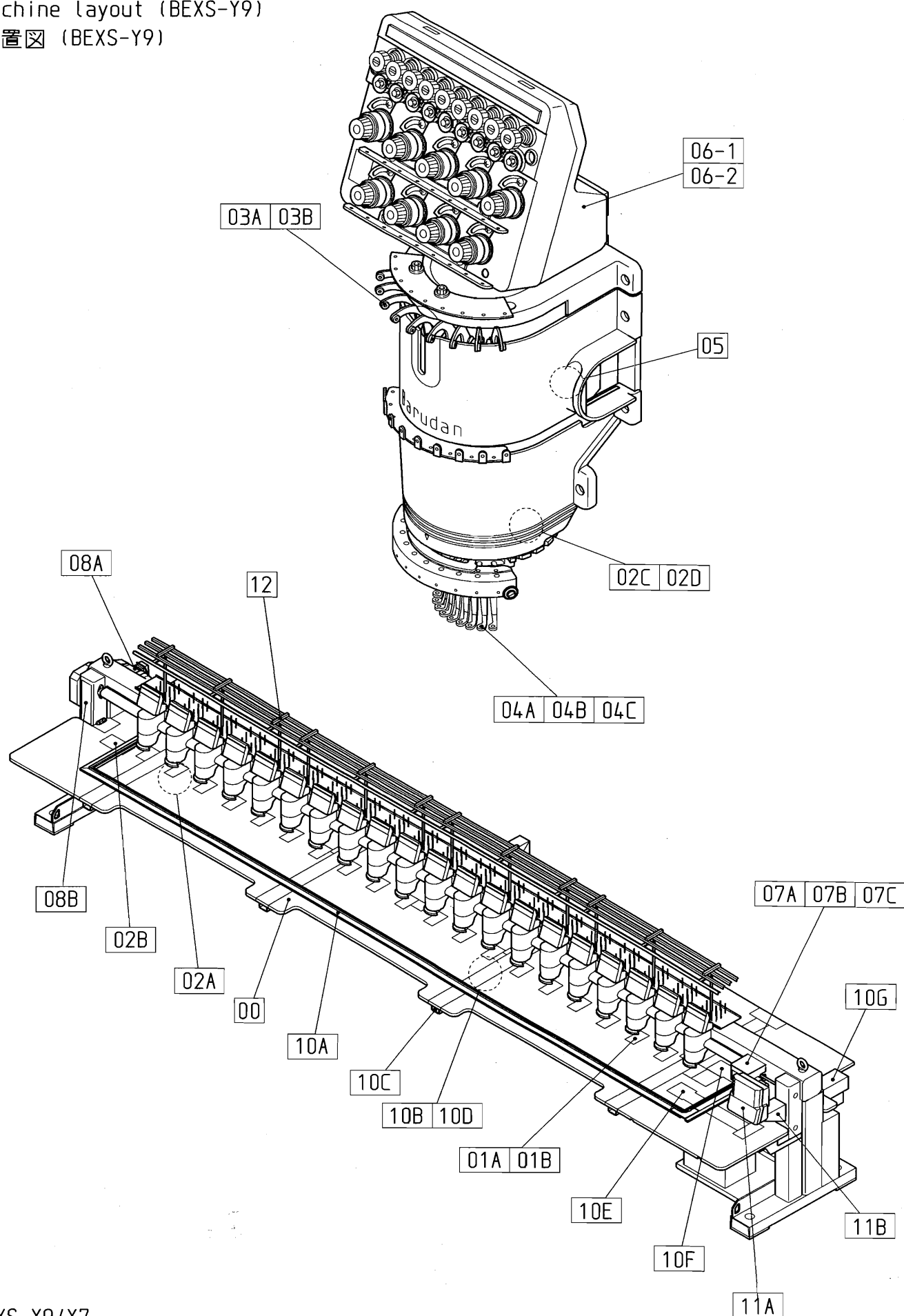
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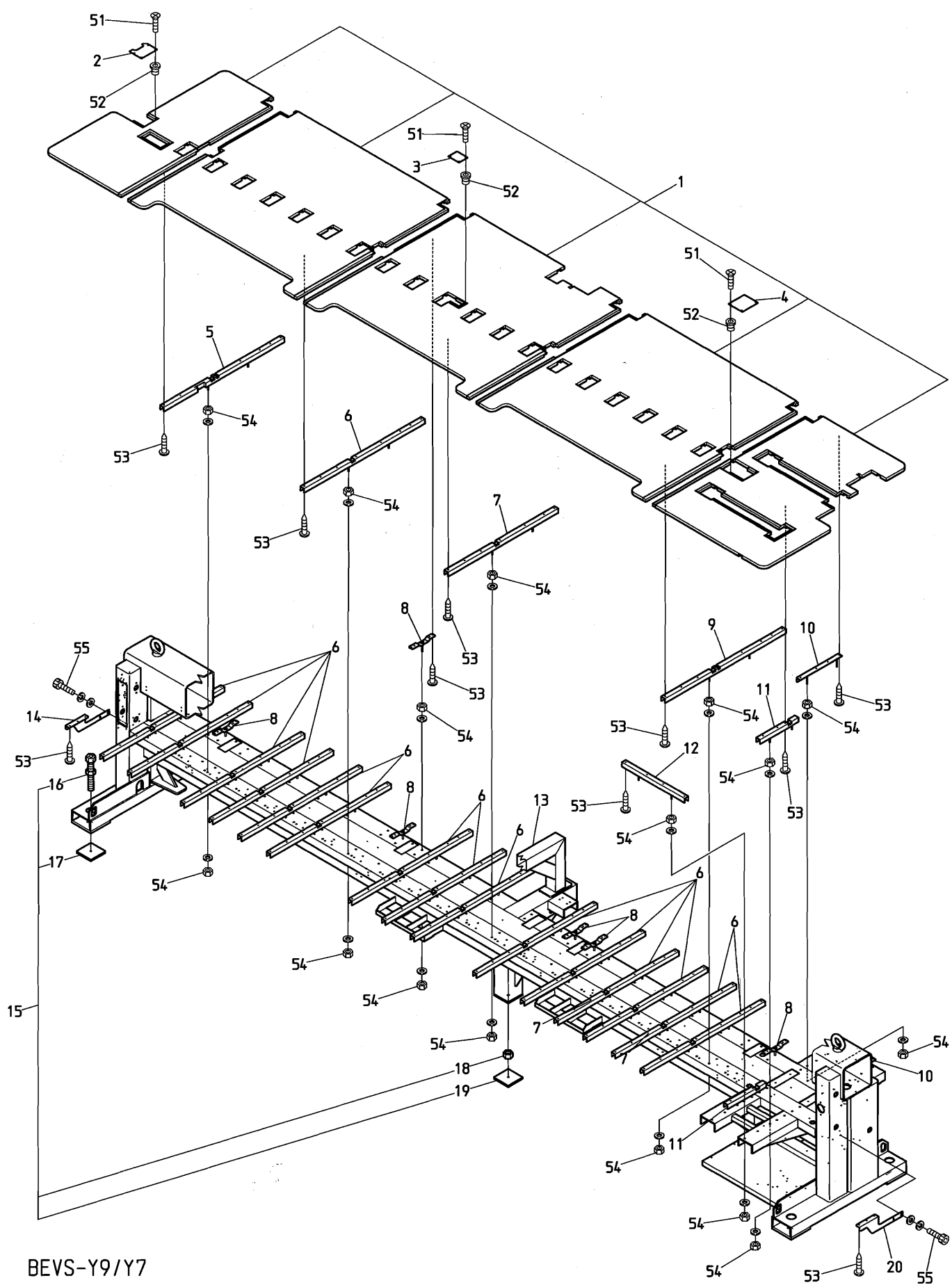
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配置図 (BEXS-Y9)



00 Table・Frame
 テーブル・フレーム



BEVS-Y9/Y7

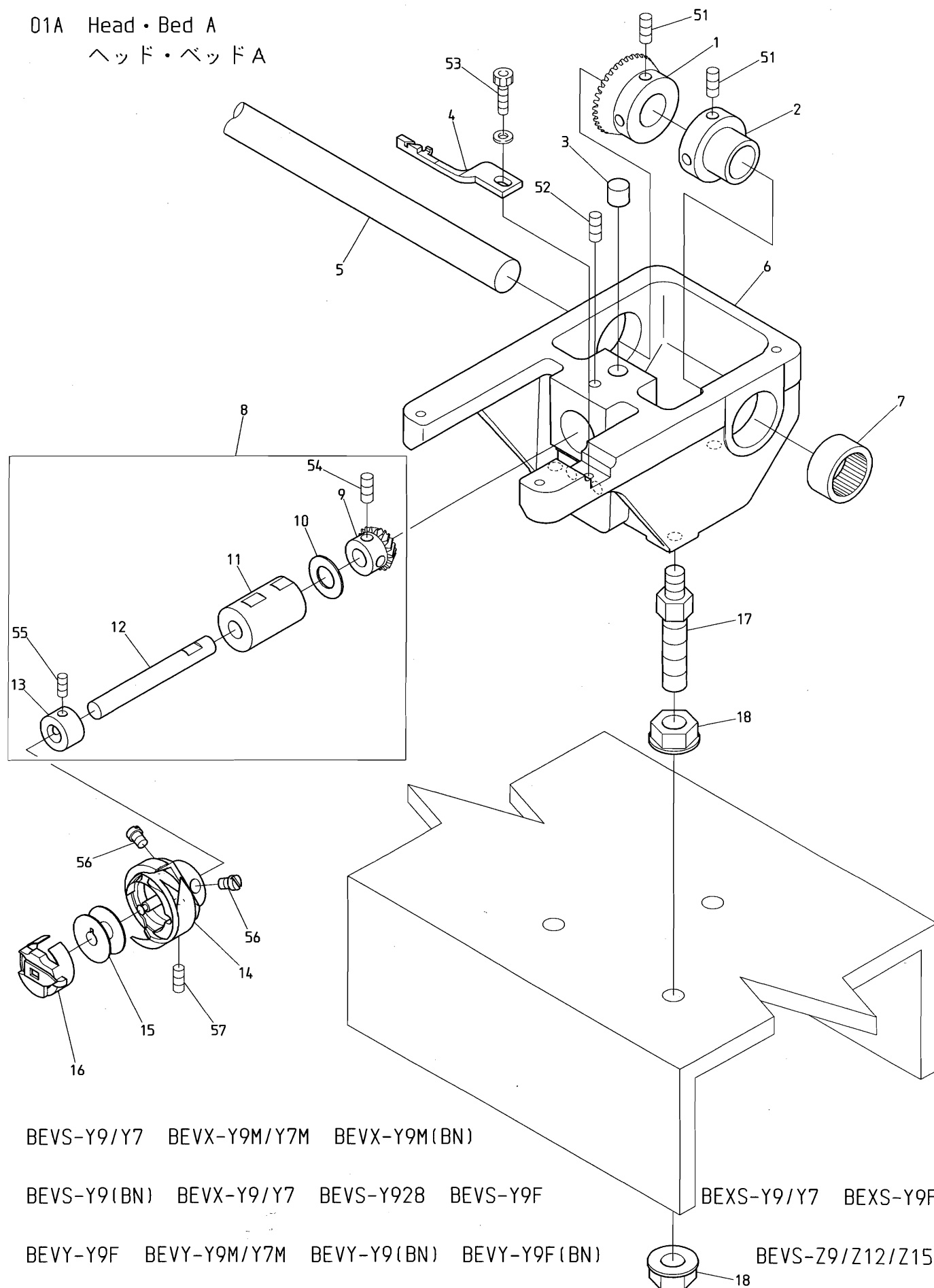
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(※は機種によって異なる)

H12 080117

01A Head・Bed A

ヘッド・ベッドA



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

BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y928 BEVS-Y9F

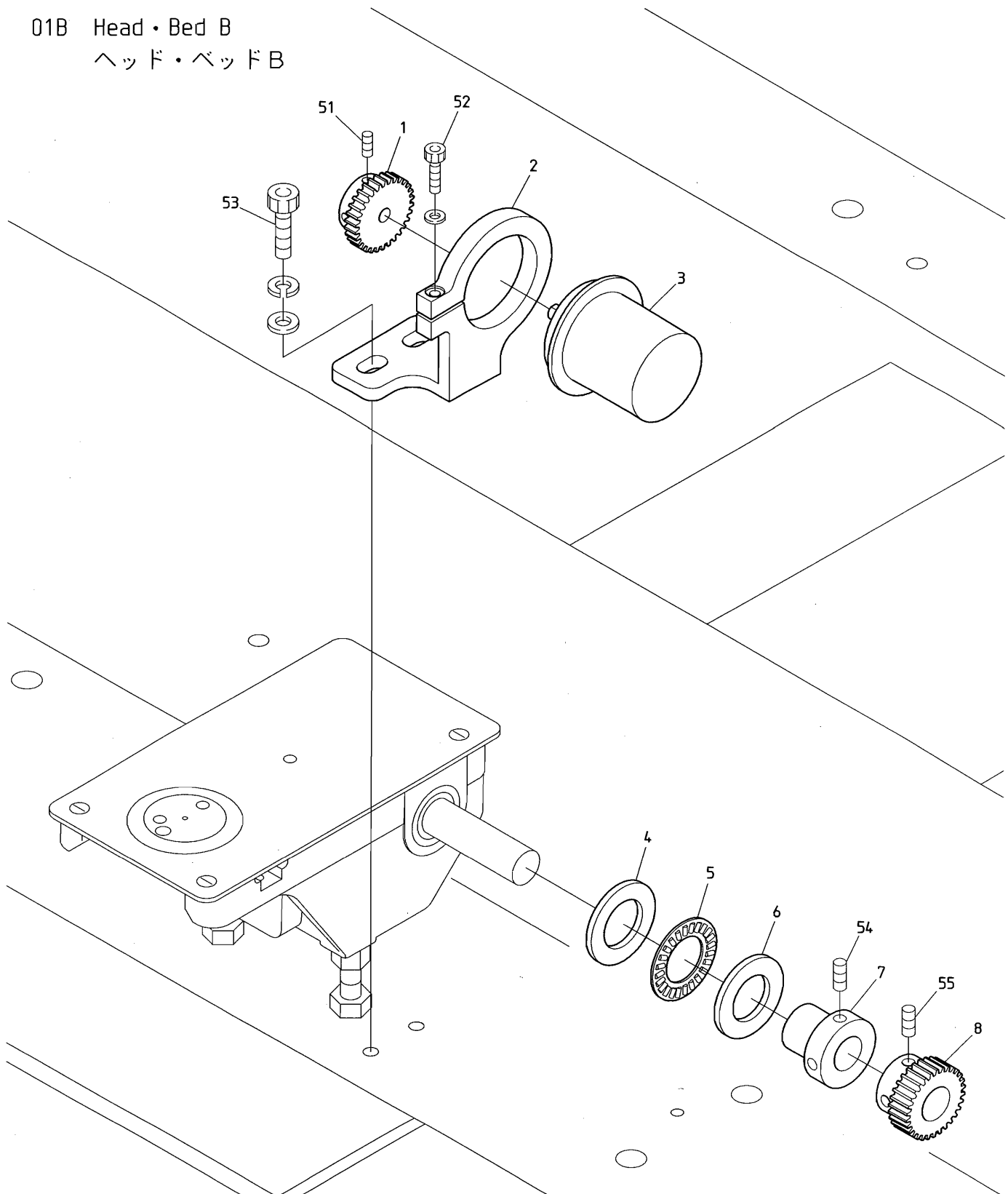
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BEVS-HLZ12 BEVX-HLCLZ1104 BEVS-Z928 BEVX-CLZ912 BEVY-Z12/Z15 BEVY-Z12F

(H=頭数)

101117

01B Head・Bed B
ヘッド・ベッドB



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

BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938 BEVS-Y928 BEVS-Y9F

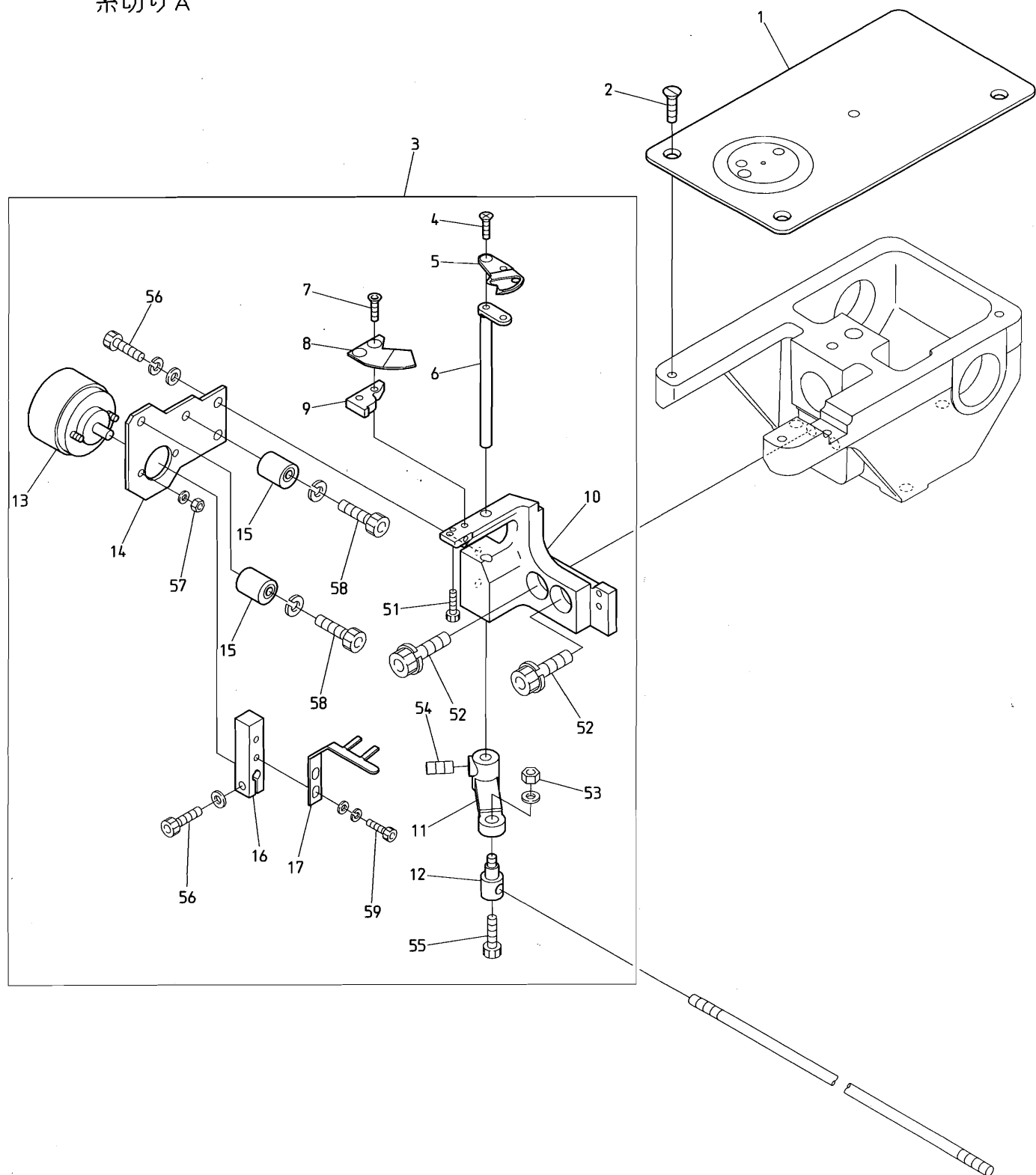
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BEVS-HLZ12 BEVX-HLCLZ1104 BEVS-Z928 BEVY-Z12/Z15 BEVY-Z12F

ヘッド・ベッドB

H12

02A Thread cut A
糸切りA



BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938 BEVS-Y928

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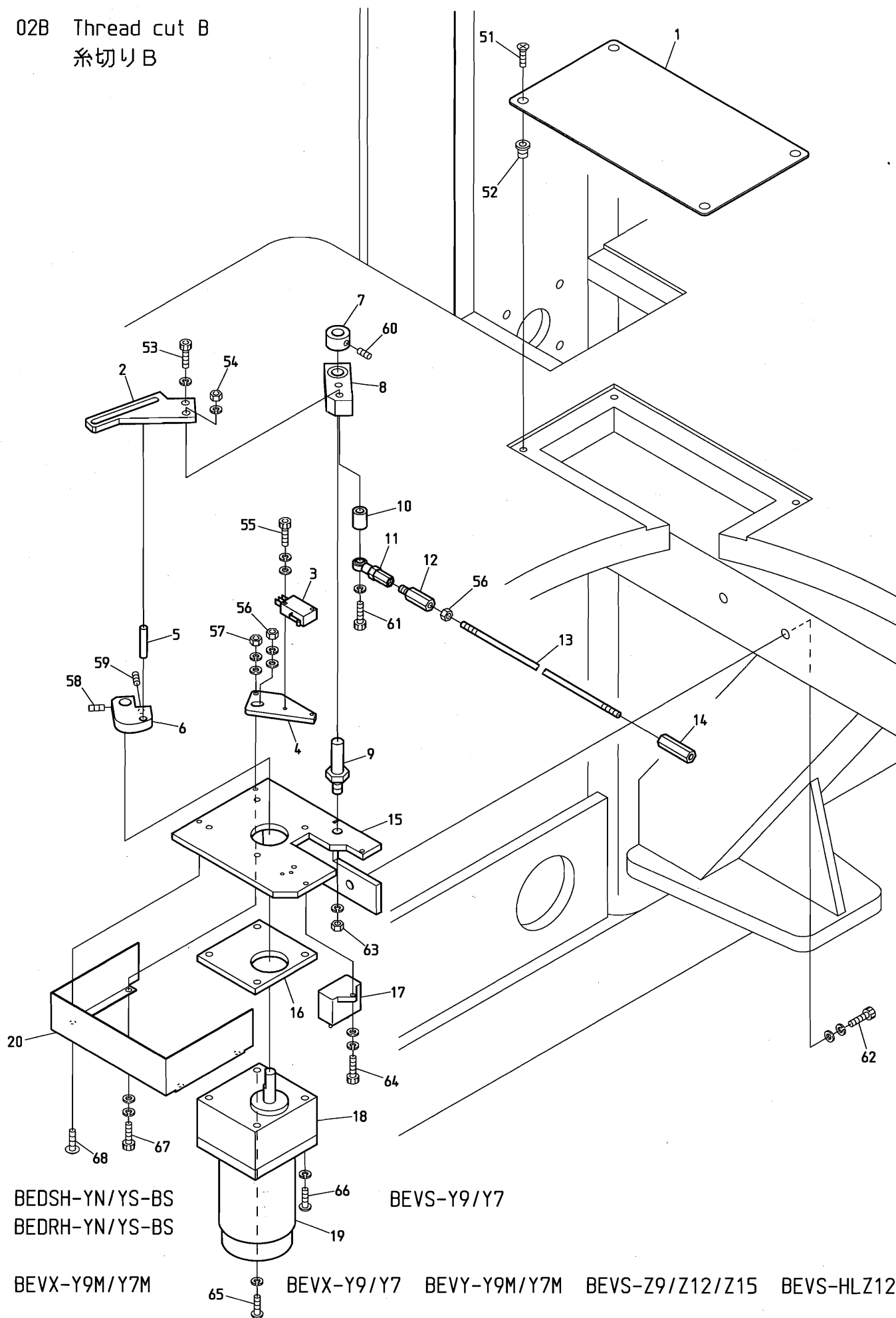
BEVS-HLZ12 BEVX-HLCLZ1104 BEVX-CLZ912 BEVS-Z928 BEVY-Z12/Z15 BEVY-Z12F

(H=Head Q' TY)

(H=頭数)

H12

02B Thread cut B
糸切りB

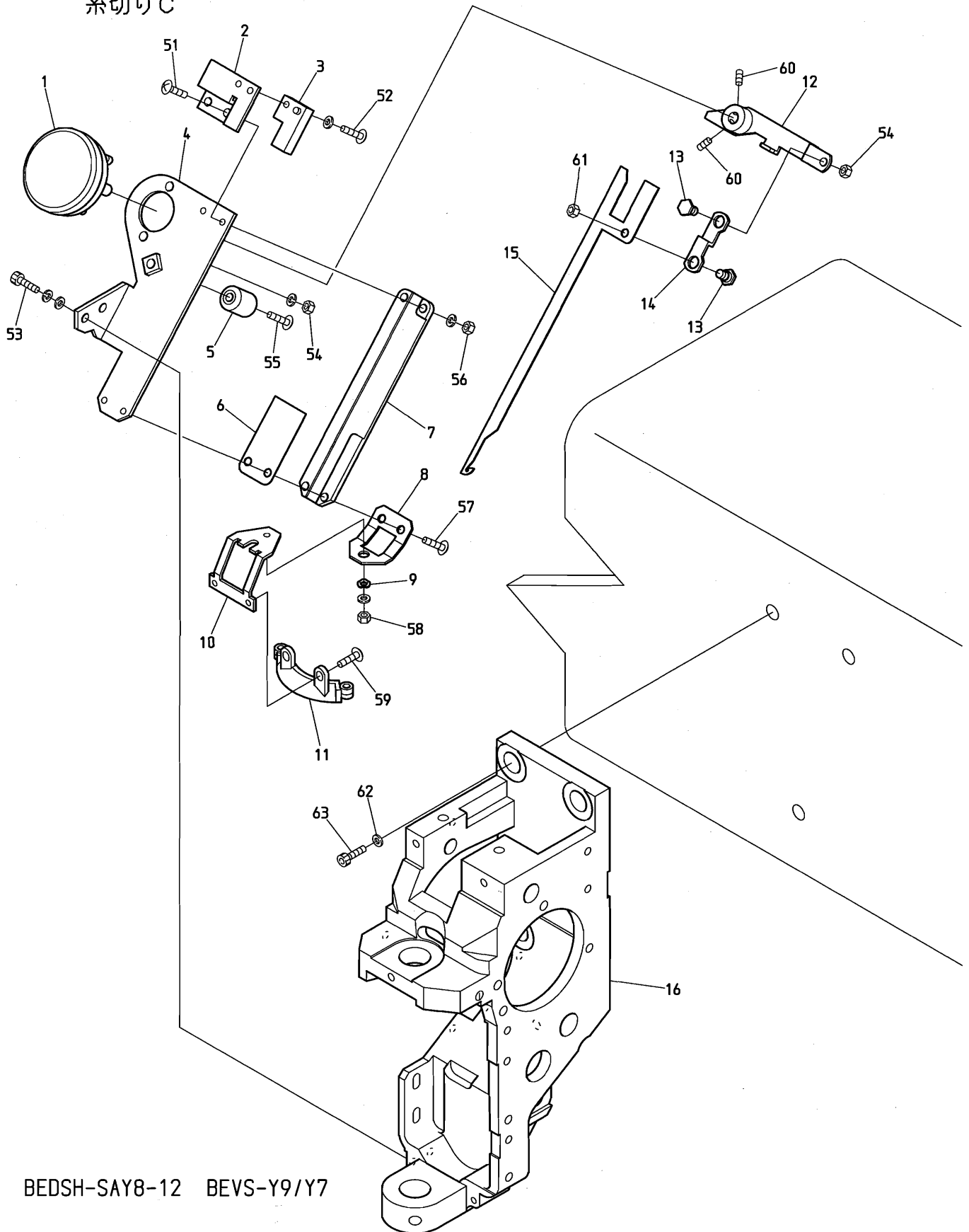


O 2 B Thread cut B

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	KC330410	Lock connecting rod L=2000	ロック連結ロッド L=2000		
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 M4×8(Undercut)	十字穴付皿小ネジ M4×8(アンダーカット)		
52		Rag nut(C) M4	鬼目ナット(C) M4		
53		Hex. socket bolt M6×15	六角穴付ボルト M6×15		
54		Hex. nut M6	六角ナット M6		
55		Hex. socket bolt M3×15	六角穴付ボルト M3×15		
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) M5×8	六角穴付止メネジ(棒先) M5×8		
59		Hex. socket set screw(Flat point) M5×8	六角穴付止メネジ(平先) M5×8		
60		Hex. socket set screw M5×6	六角穴付止メネジ M5×6		
61		Hex. socket bolt M6×75	六角穴付ボルト M6×75		
62		Hex. socket bolt M8×25	六角穴付ボルト M8×25		
63		Hex. nut M8	六角ナット M8		
64		Hex. socket bolt M4×10(With washers)	六角穴付ボルト M4×10(平座金 バネ座金付)		
65		Pan screw M5×75	十字穴付ナベ小ネジ M5×75		
66		Pan screw M5×65	十字穴付ナベ小ネジ M5×65		
67		Hex. socket bolt M4×18	六角穴付ボルト M4×18		
68		Truss screw M4×6	十字穴付トラス小ネジ M4×6		

02C Thread cut C
糸切りC



BEDSH-SAY8-12 BEVS-Y9/Y7

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938

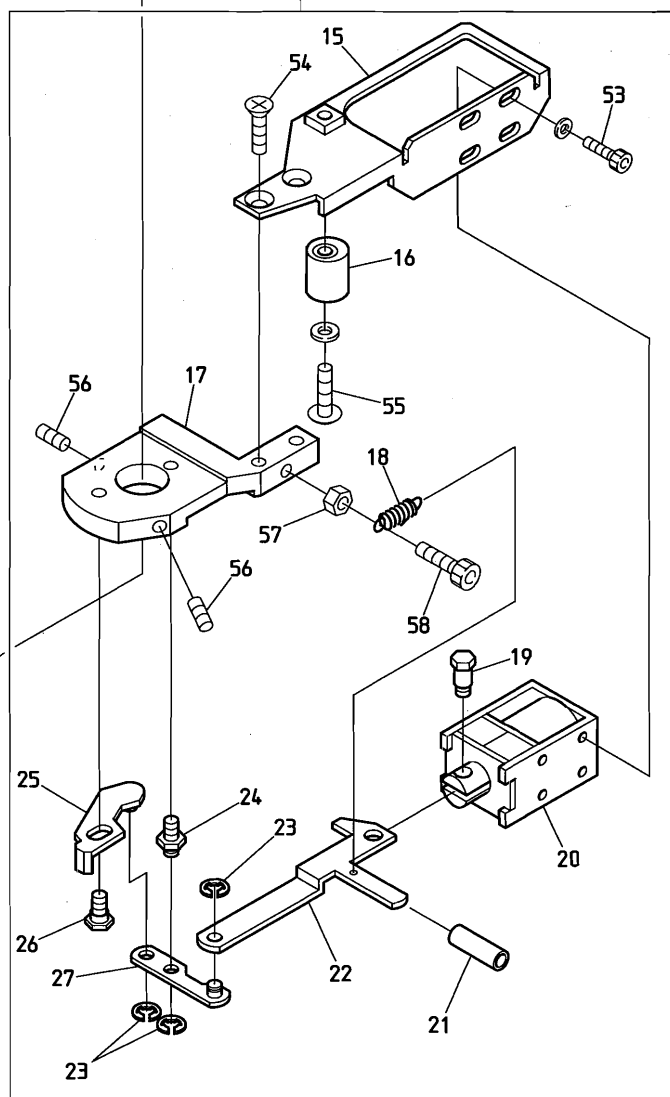
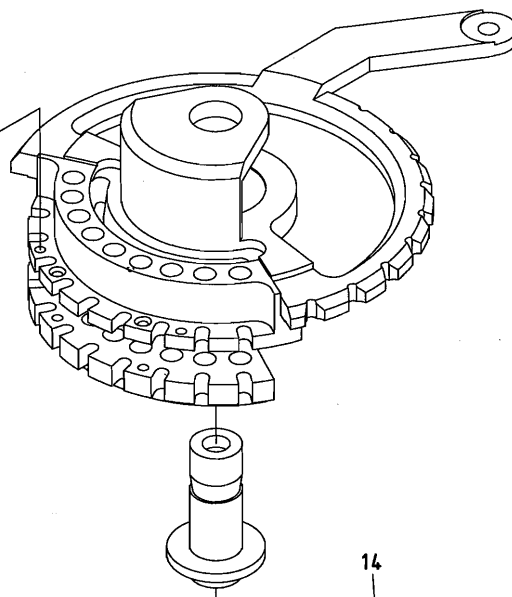
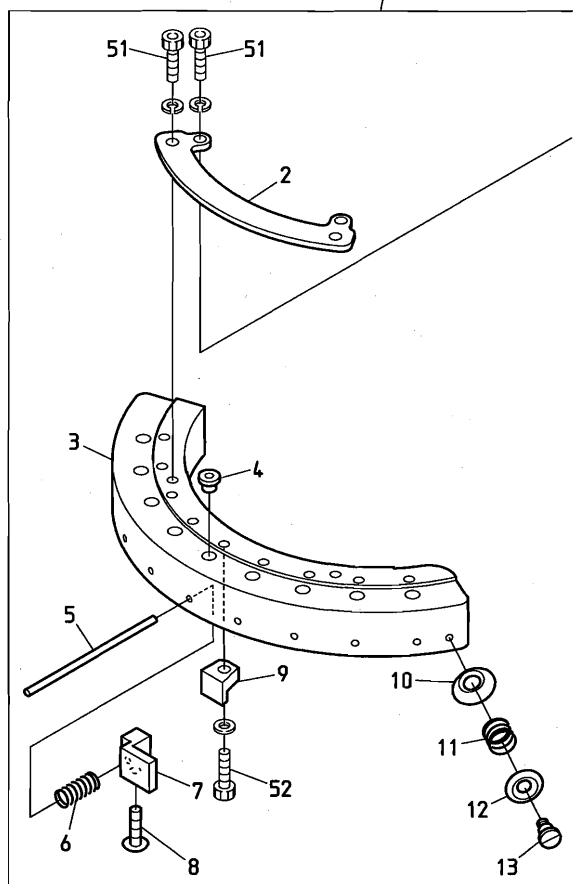
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(H=Head Q' TY)

(H=頭数)

[illegible]

02D Thread cut D
糸切りD



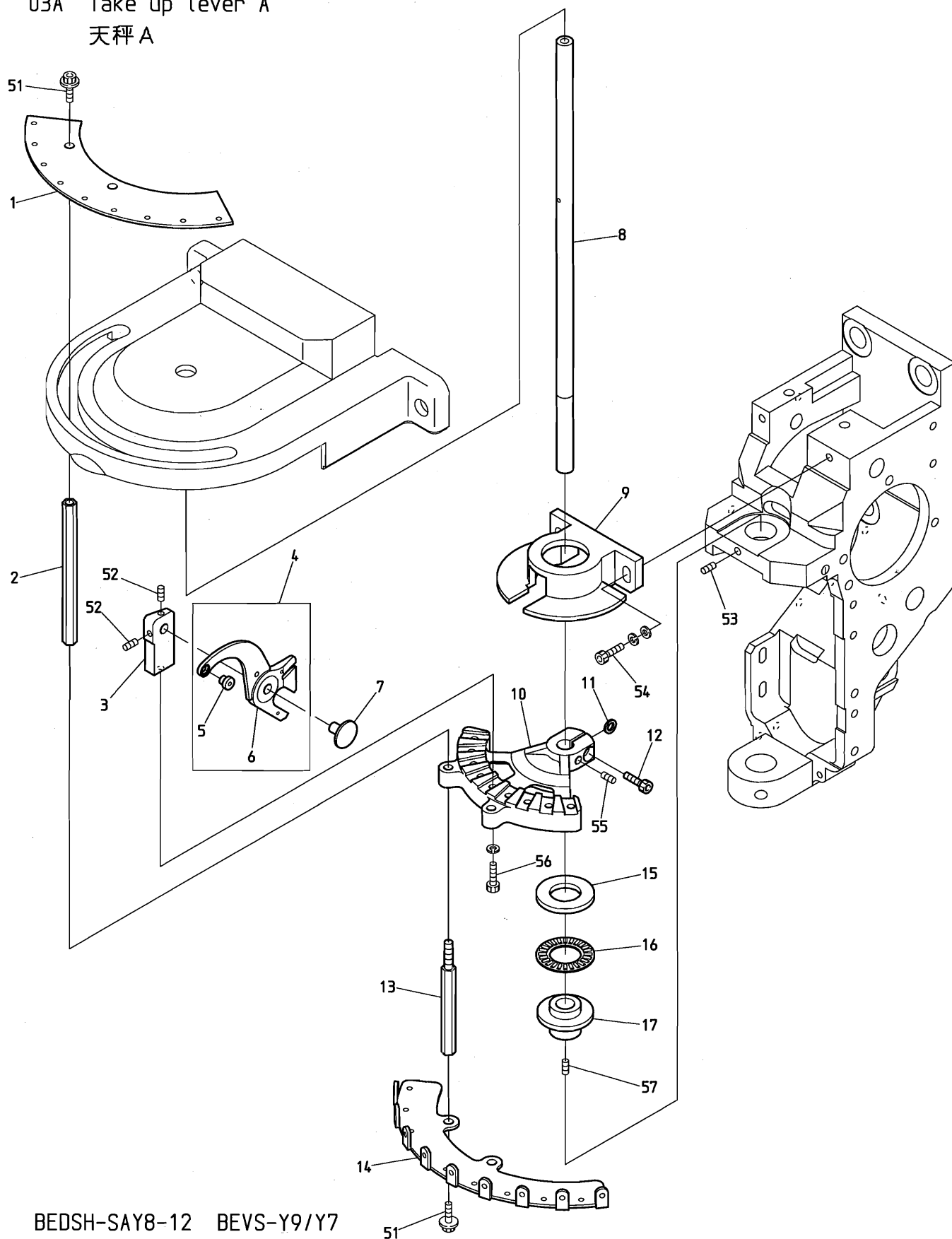
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BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938

BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(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	Y9
	HT270140	Thread support apron a'ssy (YS-2)	糸保持エプロンa'ssy (YS-2)	H × 1	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	Y9
	HT270150	Thread support apron (YS-2)	糸保持エプロン (YS-2)	H × 1	Y7
4	KF230582C	Thread way guide (For thread support apron)	糸道ガイド (糸保持エプロン用)		Y9...H×9, Y7...H×7
5	HT270040C	Thread support shaft	糸保持軸		Y9...H×9, Y7...H×7
6	KC270271C	Support spring	保持バネ		Y9...H×9, Y7...H×7
7	HT270023	Thread support clamp (YN)	糸保持クランプ (YN)		Y9...H×9, Y7...H×7
8	HT270063	Thread support clamp set screw (YN)	糸保持クランプ止メネジ (YN)		Y9...H×9, Y7...H×7
9	KC270292	Thread support block	糸保持ブロック		Y9...H×9, 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	KL270520C	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 (カバー付き)	H × 1	
21	RR270120	Thread support lever cap	糸保持レバーキャップ	H × 1	
22	KL270060C	Lever connecting plate	レバー連結プレート	H × 1	
23	A9012127	E-ring φ3 (Chromate)	E型止メ輪 φ3 (クロメート)	H × 3	
24	KL270041	Lever rotary shaft	レバー回転軸	H × 1	
25	HT270121	Thread support slider	糸保持スライダー	H × 1	
26	KL270131C	Lever connecting pin	レバー連結ピン	H × 1	
27	HT270091	Solenoid lever	ソレノイドレバー	H × 1	
28	HT230640	Drive shaft fixing plate clamp bolt	駆動軸固定プレート締メボルト	H × 1	
29	HT230830	Washer for drive shaft fixing plate	駆動軸固定プレート用ワッシャー	H × 1	
30	HT230362	Drive shaft fixing plate	駆動軸固定プレート	H × 1	
31	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 I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-SAY8-12 BEVS-Y9/Y7

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938

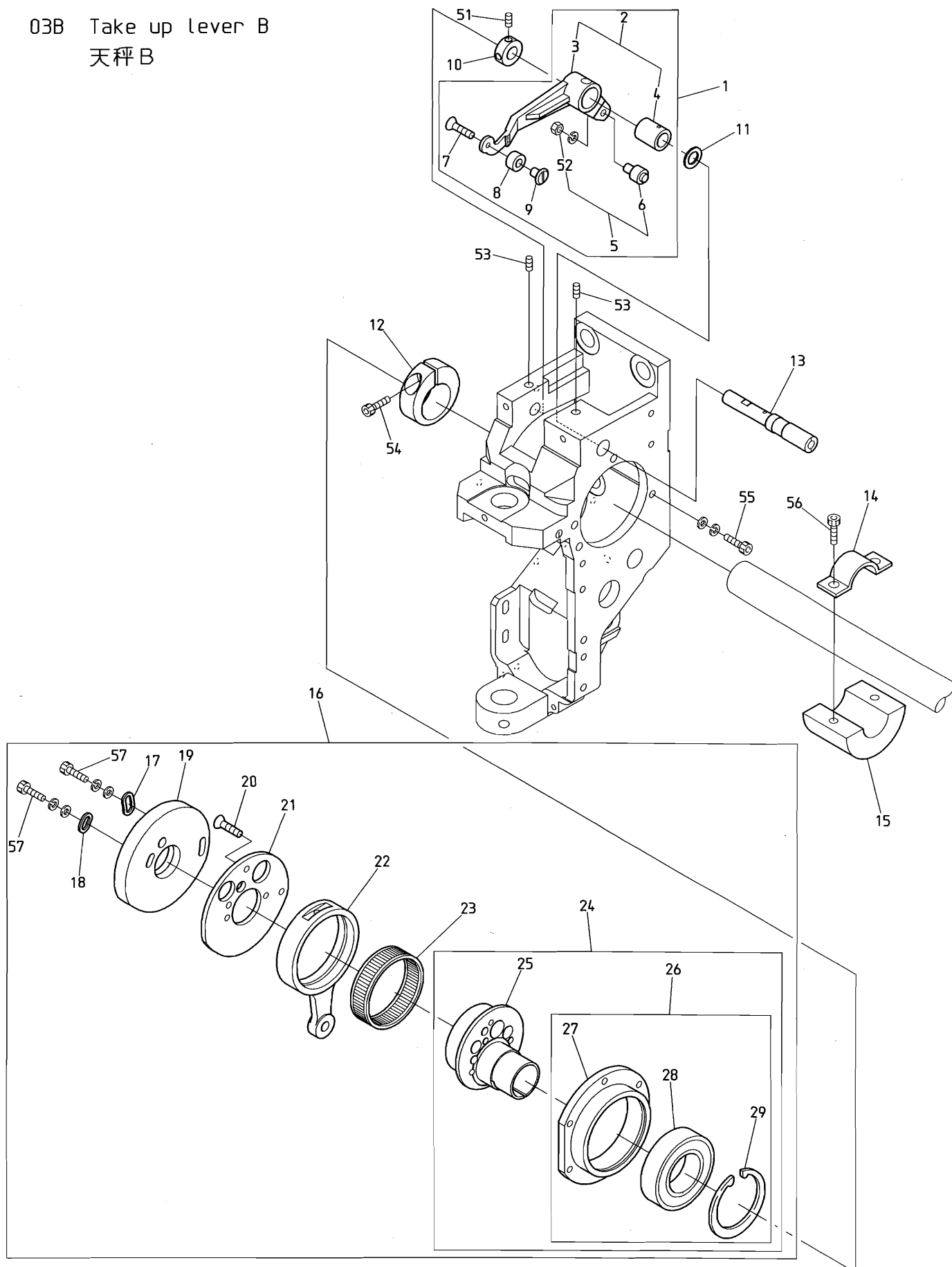
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(H=Head Q' TY)

(H=頭数)

080509

03B Take up lever B
天秤B



BEVS-Y9/Y7

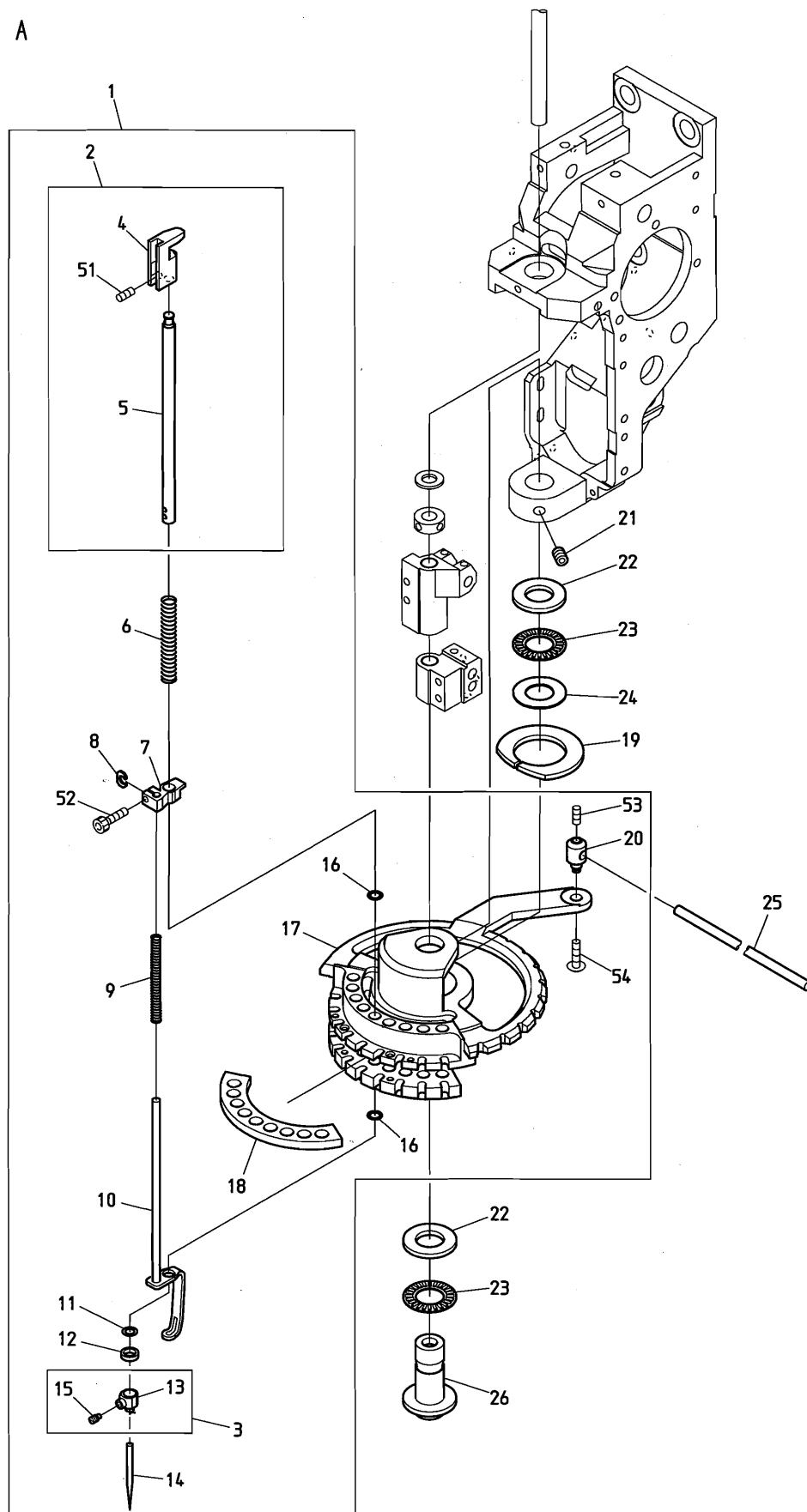
BEVX-Y9M/Y7M BEVS-Y930 BEVS-Y938 BEVS-Y928 BEXS-Y9/Y7 BEVY-Y9M/Y7M

天秤B

(H=頭数)

ITEM	LIST No.	DESCRIPTION	部品名	Q' TY	NOTE
1	RR230040	Take up lever driving lever a'ssy	天秤駆動レバーa'ssy	H × 1	
2	RH230801	Take up lever driving lever (Metal)	天秤駆動レバー(メタル圧入)	H × 1	
3	RH230311	Take up lever driving lever	天秤駆動レバー	H × 1	
4	RH230810	Take up lever metal	天秤駆動レバーメタル	H × 1	
5	KF230501	Take up lever roller a'ssy	天秤コロASSY	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	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	
8	RR230000C	Take up lever driving roller	天秤駆動コロ	H × 1	
9	HT230100C	Take up lever driving roller shaft (YN)	天秤駆動コロ軸 (YN)	H × 1	
10	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	
11	RH230610	Thrust washer	スラストワッシャー	H × 1	
12	RH230330	Needle bar driving cam set collar	針棒駆動カム締付カラー	H × 1	
13	RH230320	Take up lever driving lever fixing pin	天秤駆動レバー固定ピン	H × 1	
14	RR320030C	Balancer set plate (For φ20 shaft)	バランサー止メ金具 (φ20軸用)	H - 2	
15	RR320021C	Balancer for φ20 shaft	バランサー φ20軸用	H - 2	
16	RR230272	Take up lever-Needle bar drive a'ssy	天秤・針棒駆動a'ssy	H × 1	Small bobbin 小釜
	RN230063	Take up lever-Needle bar drive a'ssy	天秤・針棒駆動a'ssy 中釜	H × 1	Middle bobbin 中釜
17	HB230080C	Washer for cam (2)	カム用ワッシャー (2)	H × 1	
18	HB230070C	Washer for cam (1)	カム用ワッシャー (1)	H × 1	
19	RR230261	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
	RN230072	Take up lever cam J2 φ20	天秤カム J2 φ20	H × 1	Middle bobbin 中釜
20	HB230620	Flush screw M3×8	十字穴付皿小ネジ (浸炭焼入) M3×8	H × 3	
21	RH230300	Take up lever cam base	天秤カムベース	H × 1	
22	RH230281	Needle bar crank rod	針棒クランクロッド	H × 1	
23	RH230271	Needle bearing	ニードルベアリング	H × 1	
24	RN230010	Needle bar driving cam a'ssy	針棒駆動カムa'ssy	H × 1	
25	RN230020C	Needle bar driving cam (Eccentric 9.2 φ20)	針棒駆動カム (偏心9.2 φ20)	H × 1	
26	RN230030	Bearing case a'ssy	ベアリングケースa'ssy	H × 1	
27	RN230040	Bearing case	ベアリングケース	H × 1	
28	A9010073	Ball bearing (6005ZZ)	ボールベアリング (6005ZZ)	H × 1	
29	A9012421	C-ring for hole φ47	C型止メ輪穴用 φ47	H × 1	
51		Hex. socket set screw M4×4 (With adhesion)	六角穴付止メネジ M4×4 (接着剤付)	H × 1	
52		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		
53		Hex. socket set screw M5×10	六角穴付止メネジ M5×10		
54		Hex. socket bolt M5×18	六角穴付ボルト M5×18		
55		Hex. socket bolt M4×15	六角穴付ボルト M4×15		
56		Hex. socket bolt M5×15	六角穴付ボルト M5×15		
57		Hex. socket bolt M4×8 (With plain washer)	六角穴付ボルト M4×8 (平座金付)		

04A Needle bar A
針棒 A



BEDSH-SAY8-12 BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9/Y7

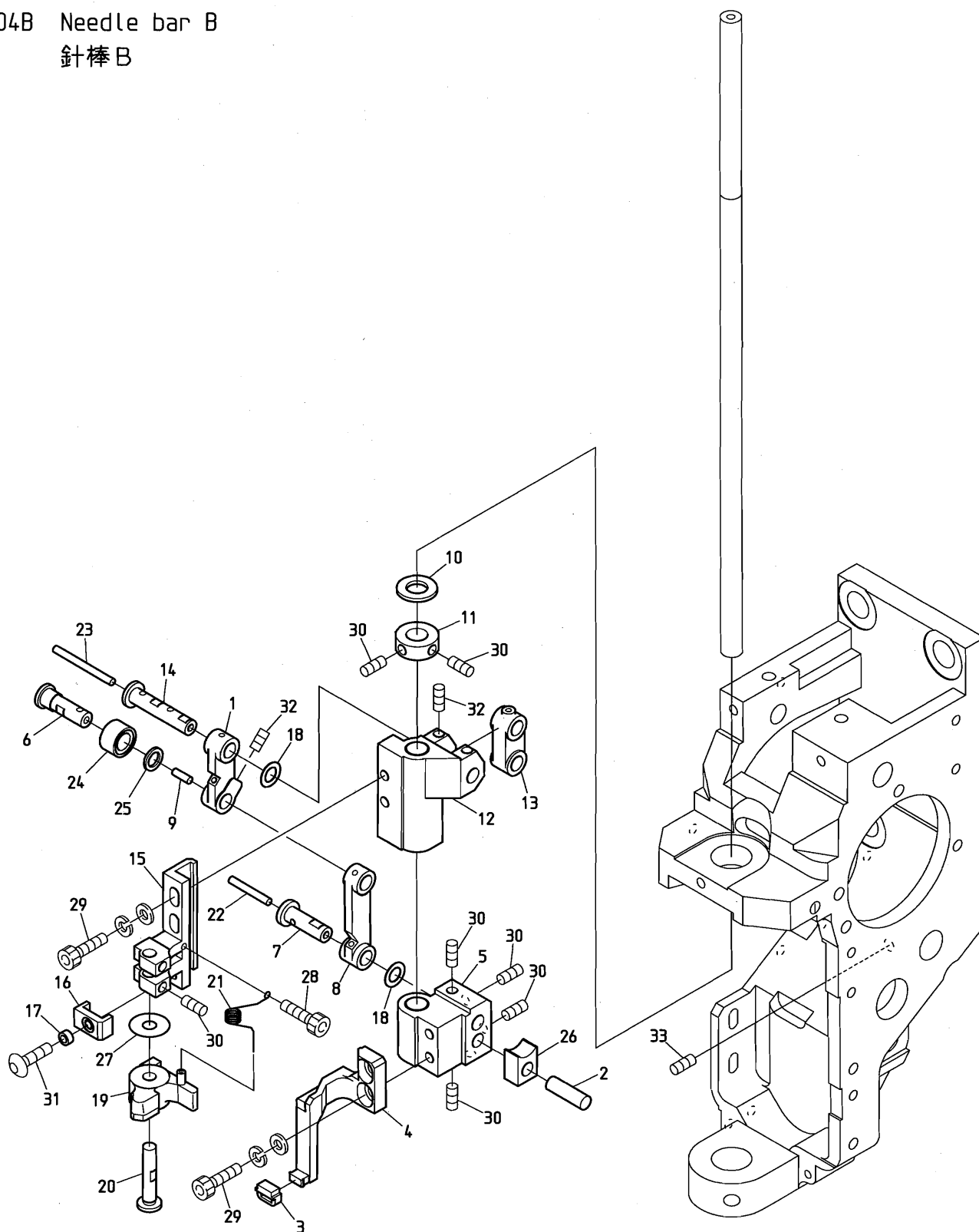
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針棒 A

(H=頭数) (※は機種によって異なる)

H12

04B Needle bar B
針棒 B



BEDSH-SAY8-12 BEVS-Y9/Y7

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938

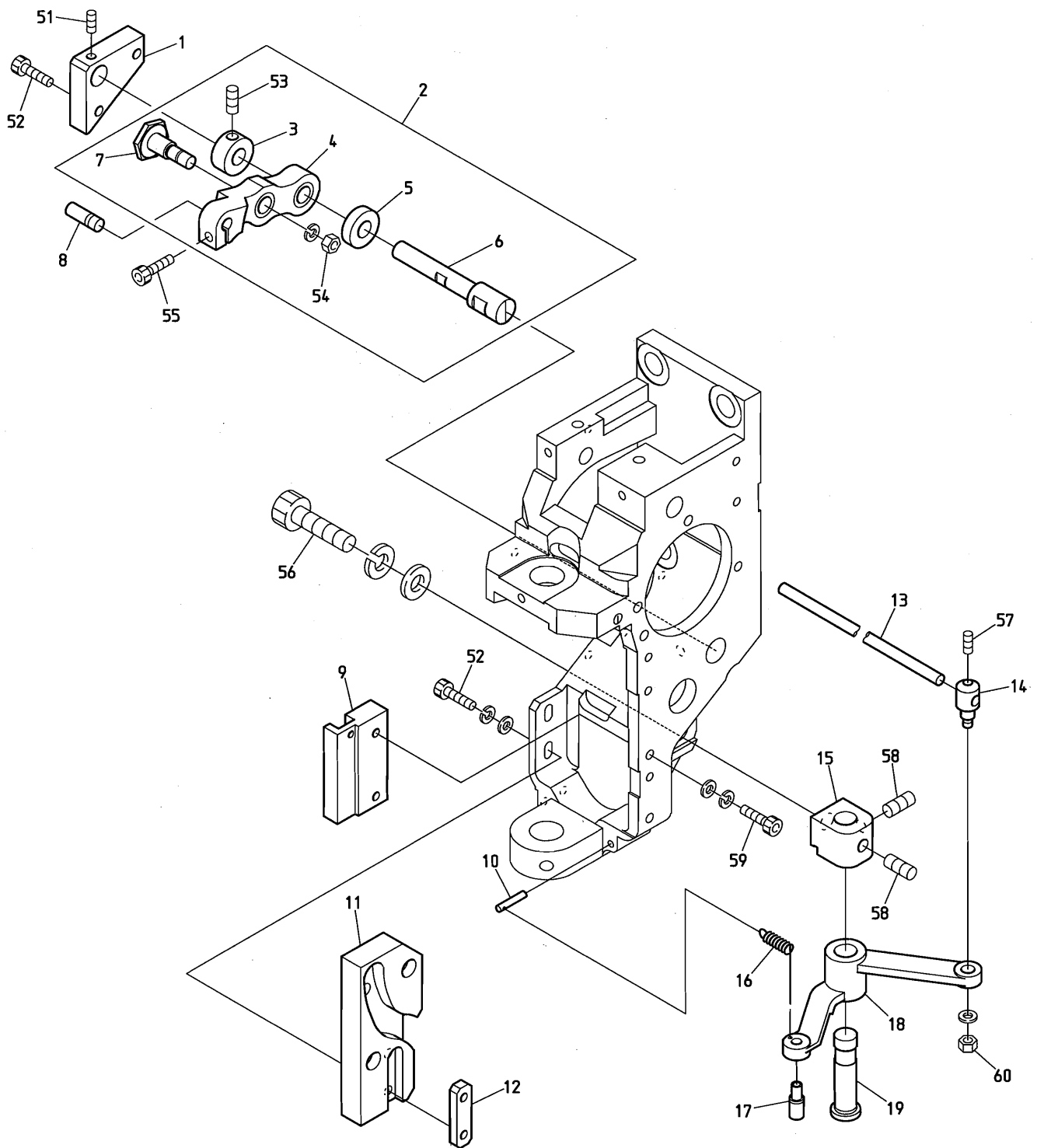
BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9C

針棒B

(H=頭数)

H9

04C Needle bar C
針棒C



BEDSH-SAY8-12

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930

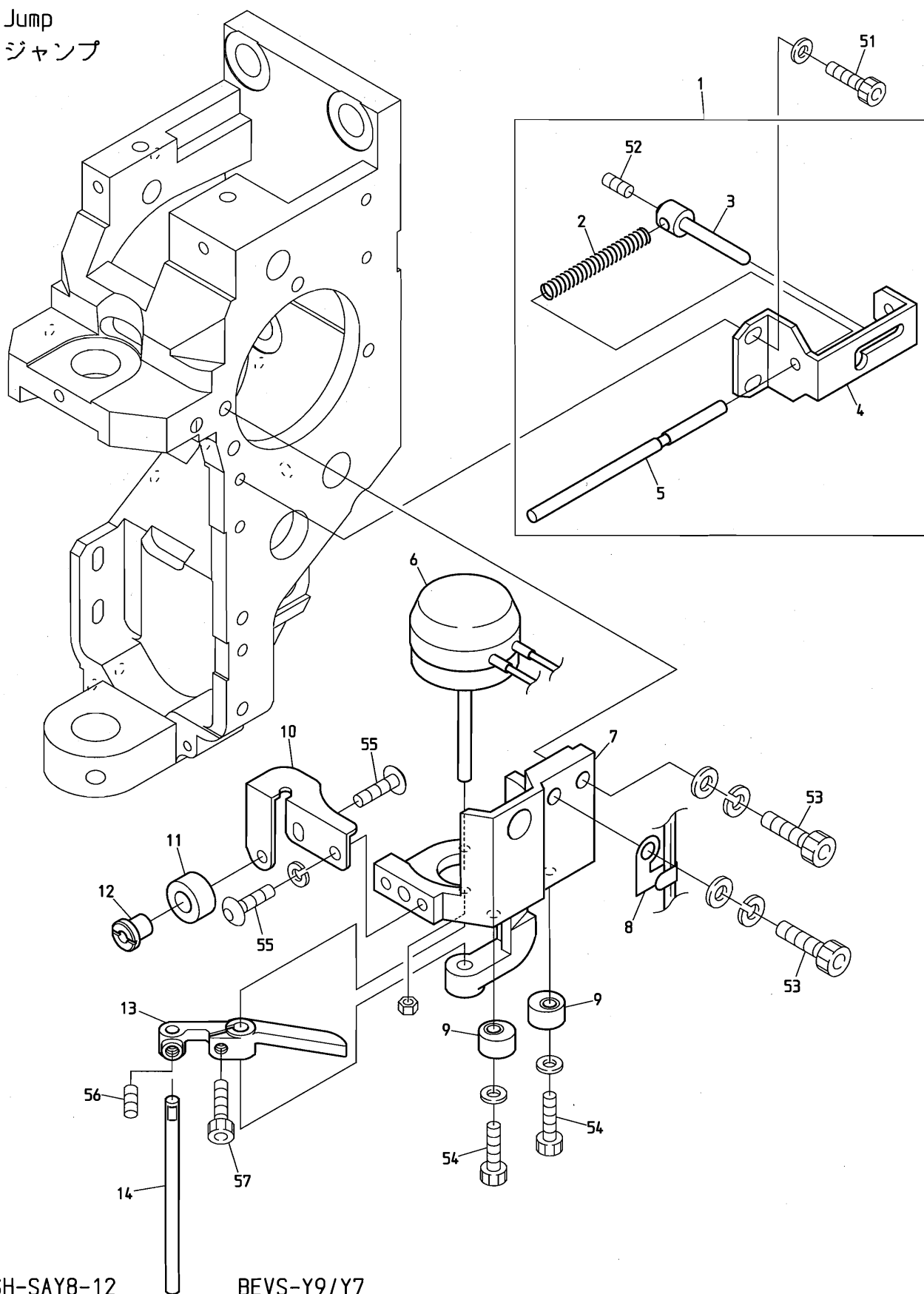
BEVS-Y938 BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN)

針棒 C

(H=頭数) (※は機種によって異なる)

H9

05 Jump
ジャンプ



BEDSH-SAY8-12

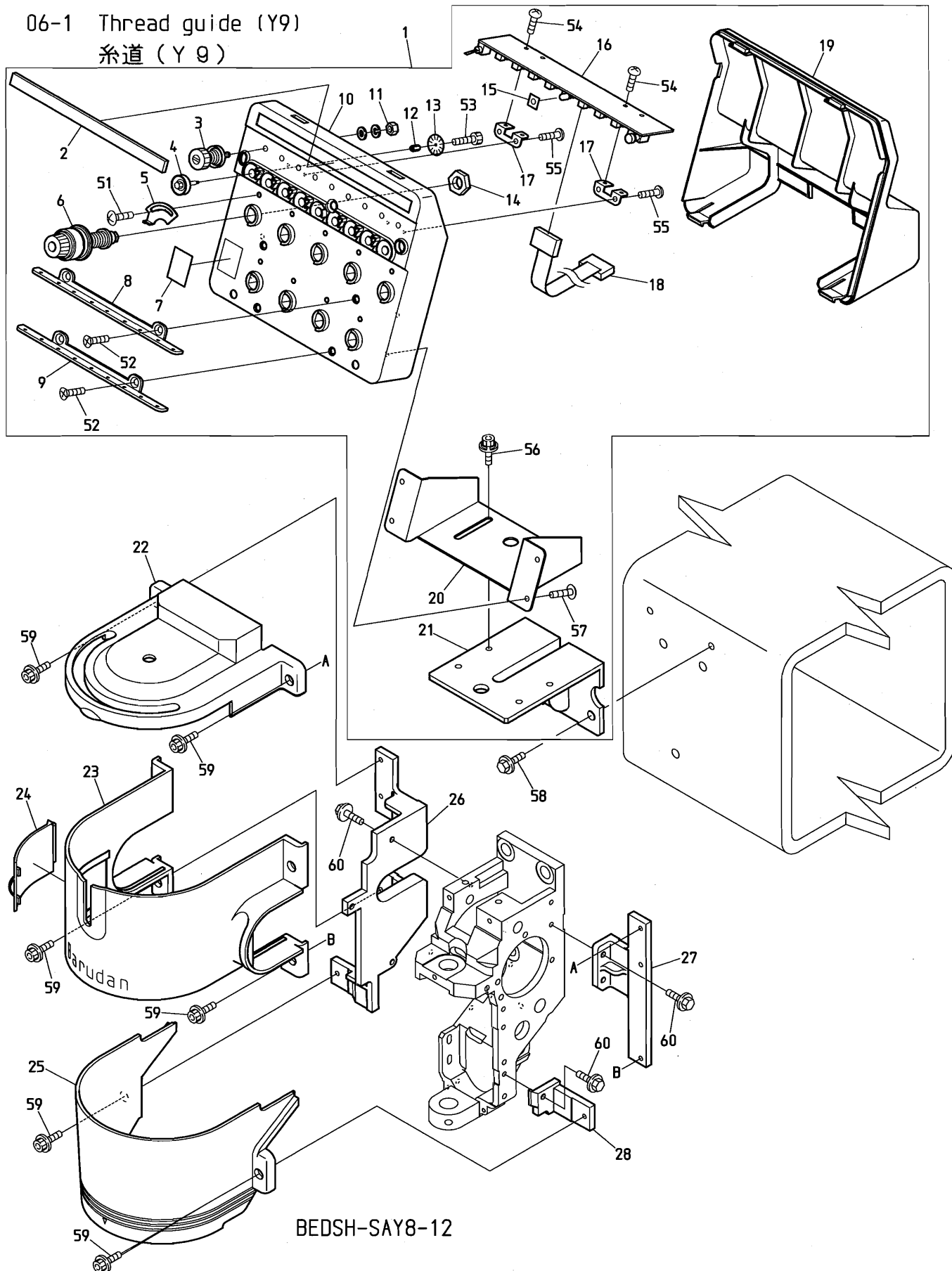
BEVS-Y9/Y7

BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938

BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9C

[illegible]

06-1 Thread guide (Y9)
糸道 (Y9)



BEVS-Y9 BEVX-Y9M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9 BEVS-Y930 BEVS-Y938

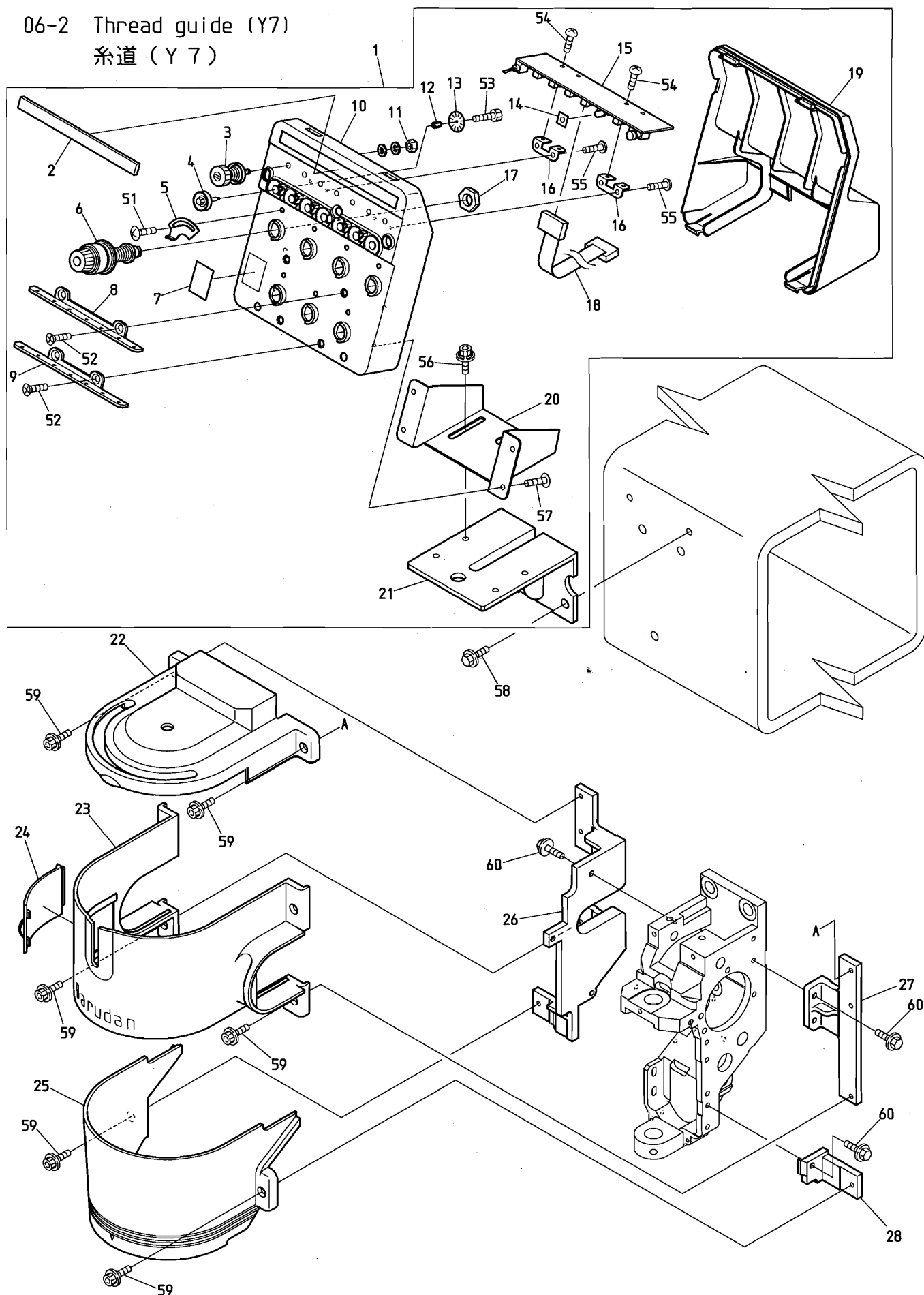
BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M BEVY-Y9(BN) BEVY-Y9C

糸道 (Y 9)

(H=頭数)

H12

06-2 Thread guide (Y7)
糸道 (Y7)



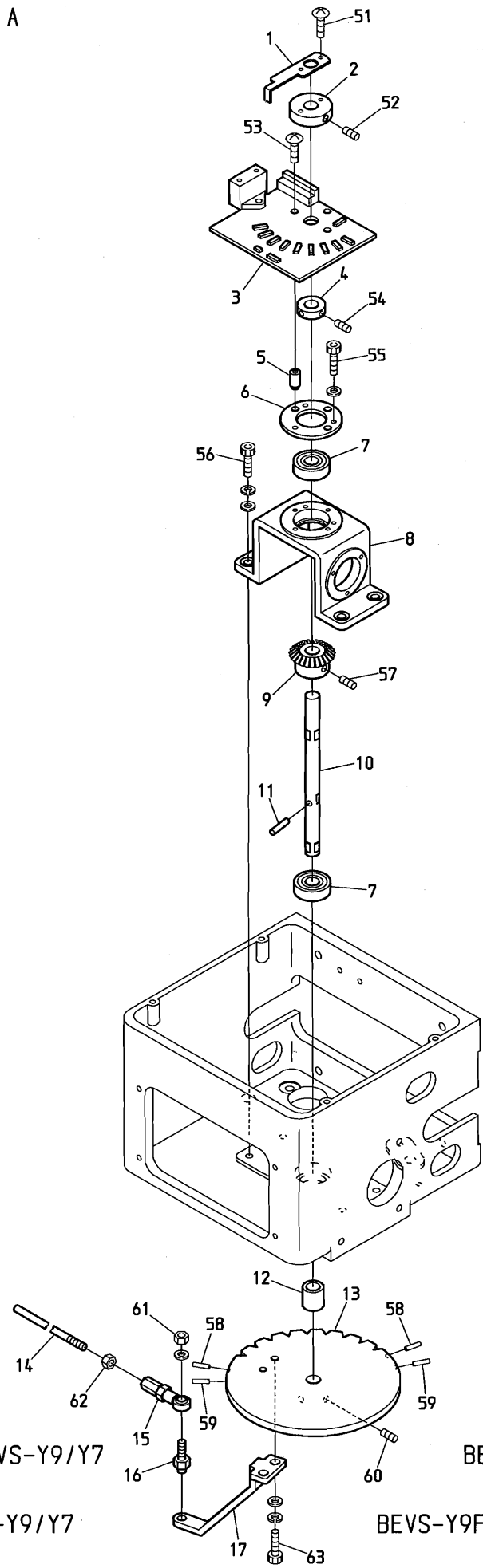
BEVS-Y7 BEVX-Y7M BEVX-Y7 BEVY-Y7M

糸道 (Y 7)

(H=頭数)

H12

07A Color change A
色換え A

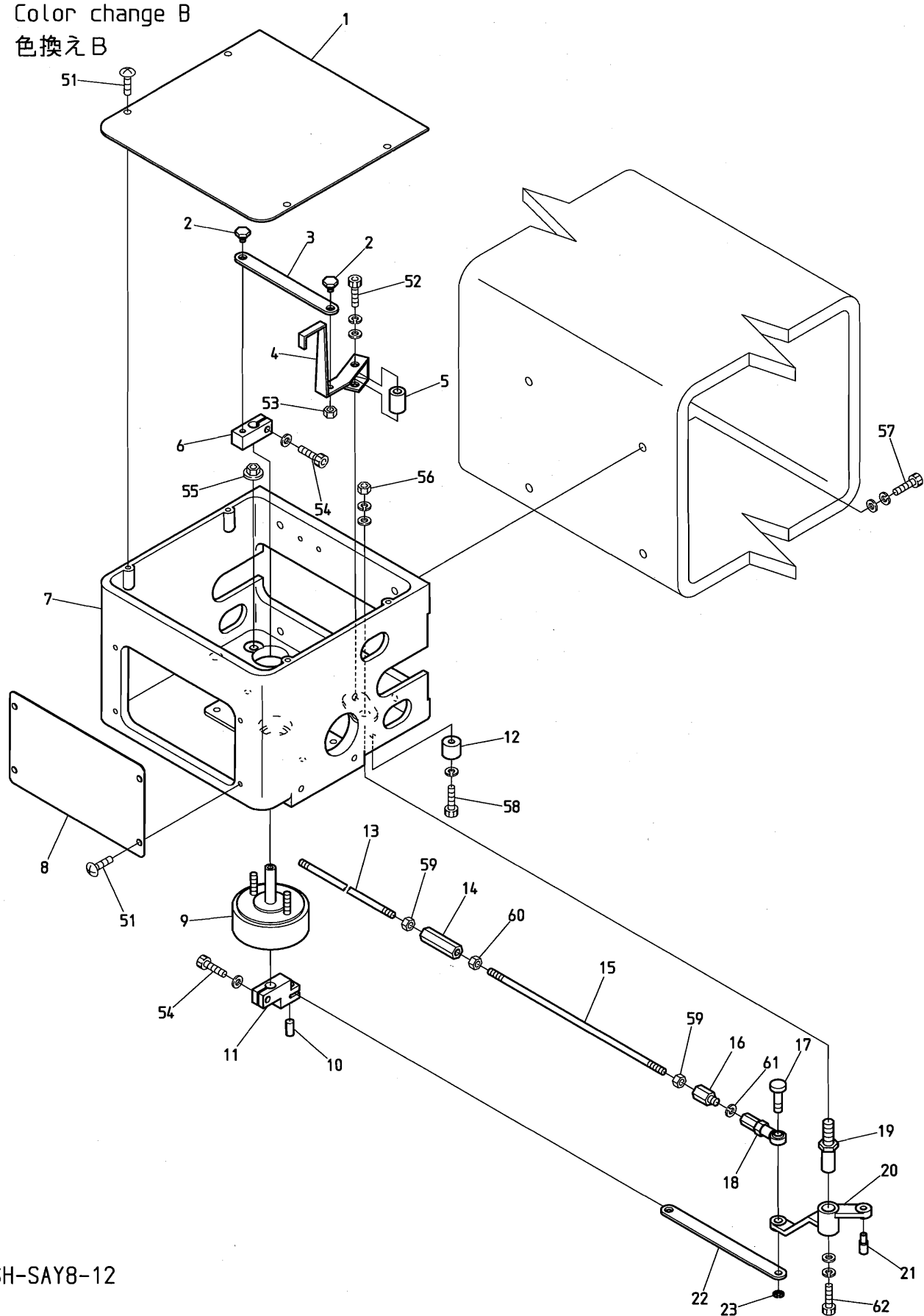


BEDSH-SAY8-12	BEVS-Y9/Y7	BEVX-Y9M/Y7M	BEVX-Y9M(BN)
BEVS-Y9(BN)	BEVX-Y9/Y7	BEVS-Y9F	BEVY-Y9F
		BEVY-Y9M/Y7M	

色換えA

H9

07B Color change B
色換えB



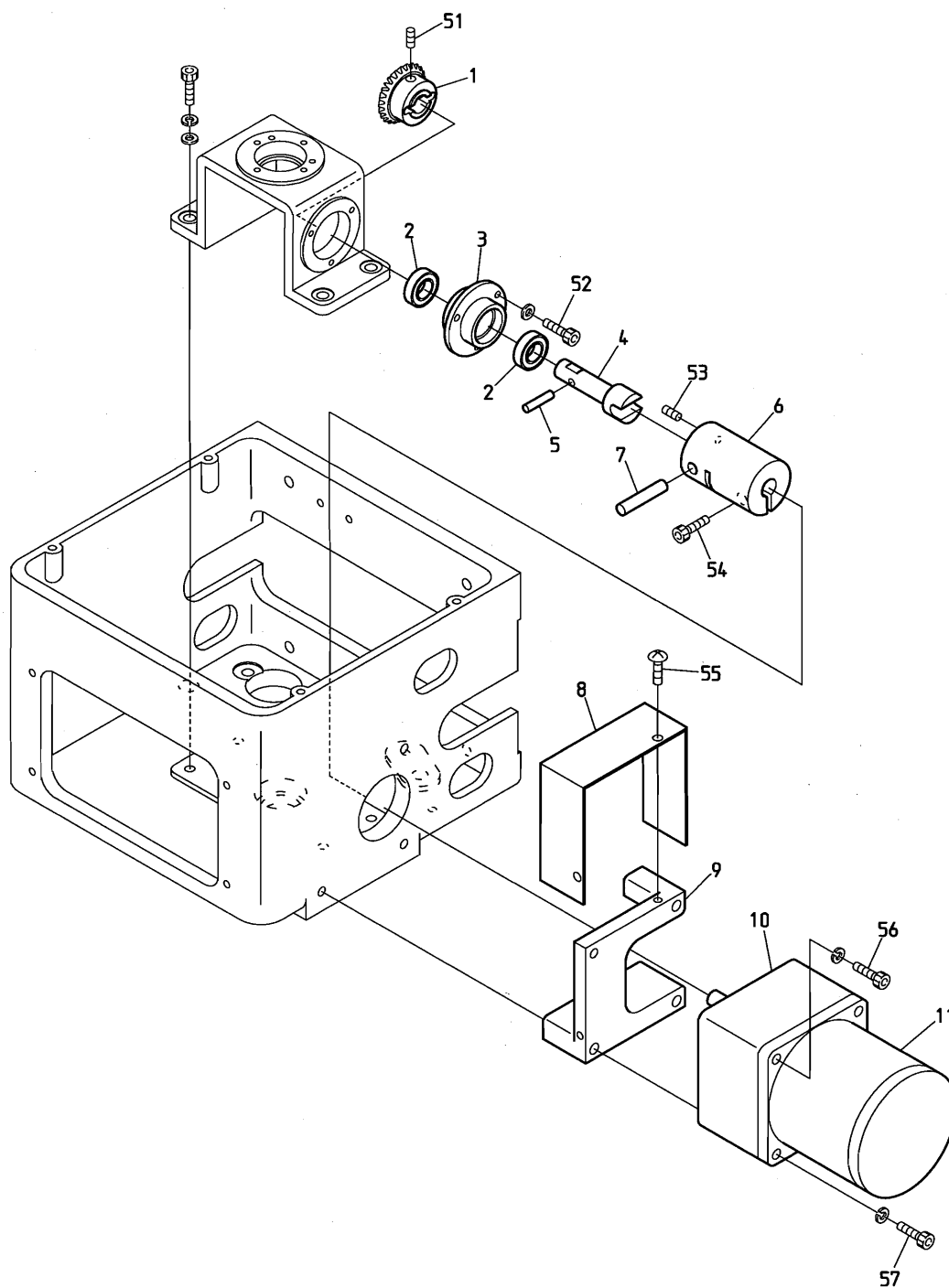
BEDSH-SAY8-12

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930

BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9C

[illegible]

07C Color change C
色換えC



BEDSH-SAY8-12

BEVS-Y9/Y7 BEVX-Y9M/Y7M BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930

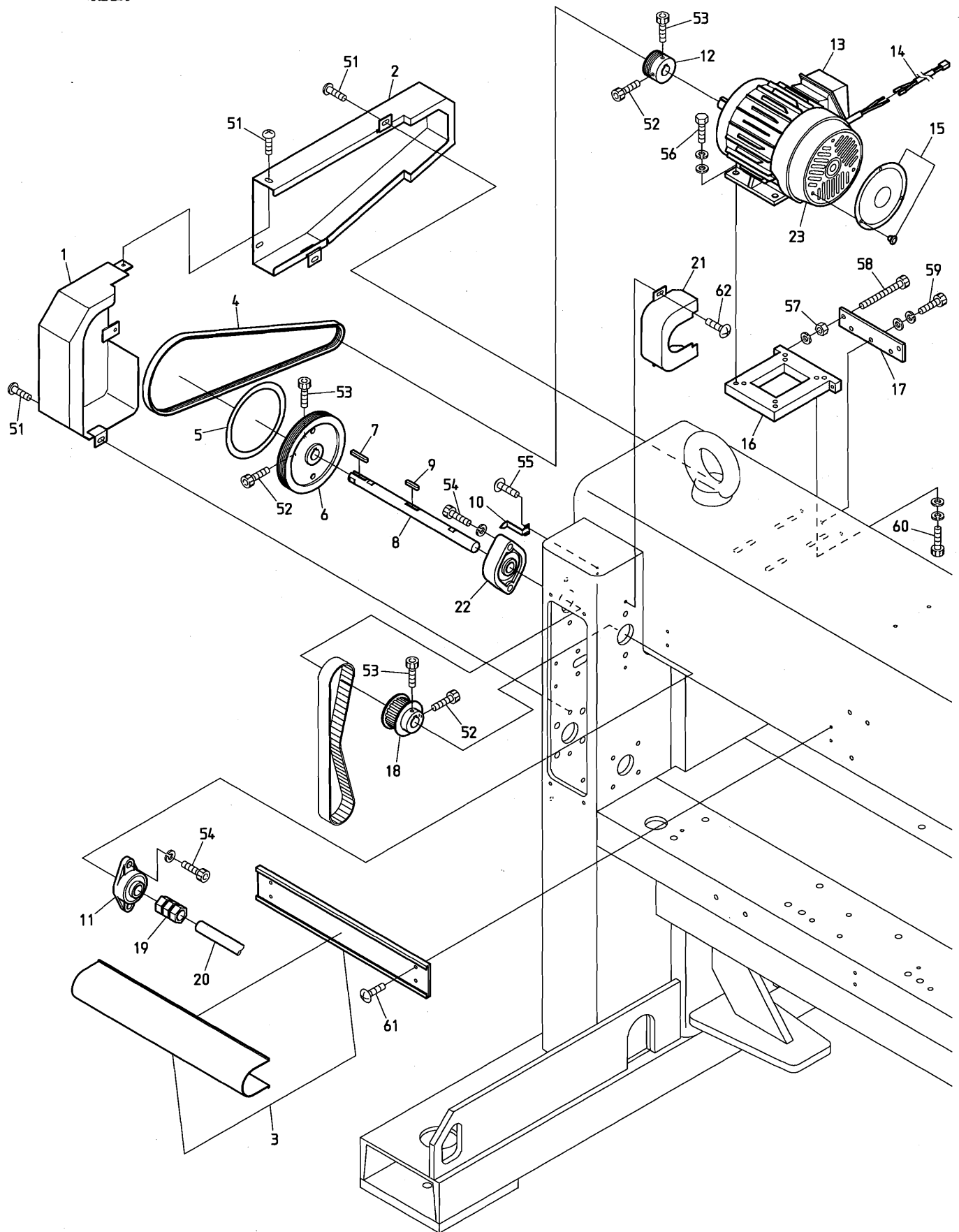
BEVS-Y928 BEVS-Y9F BEVY-Y9 BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9(BN) BEVY-Y9C

0 7 C Color change C

色換え C

[illegible]

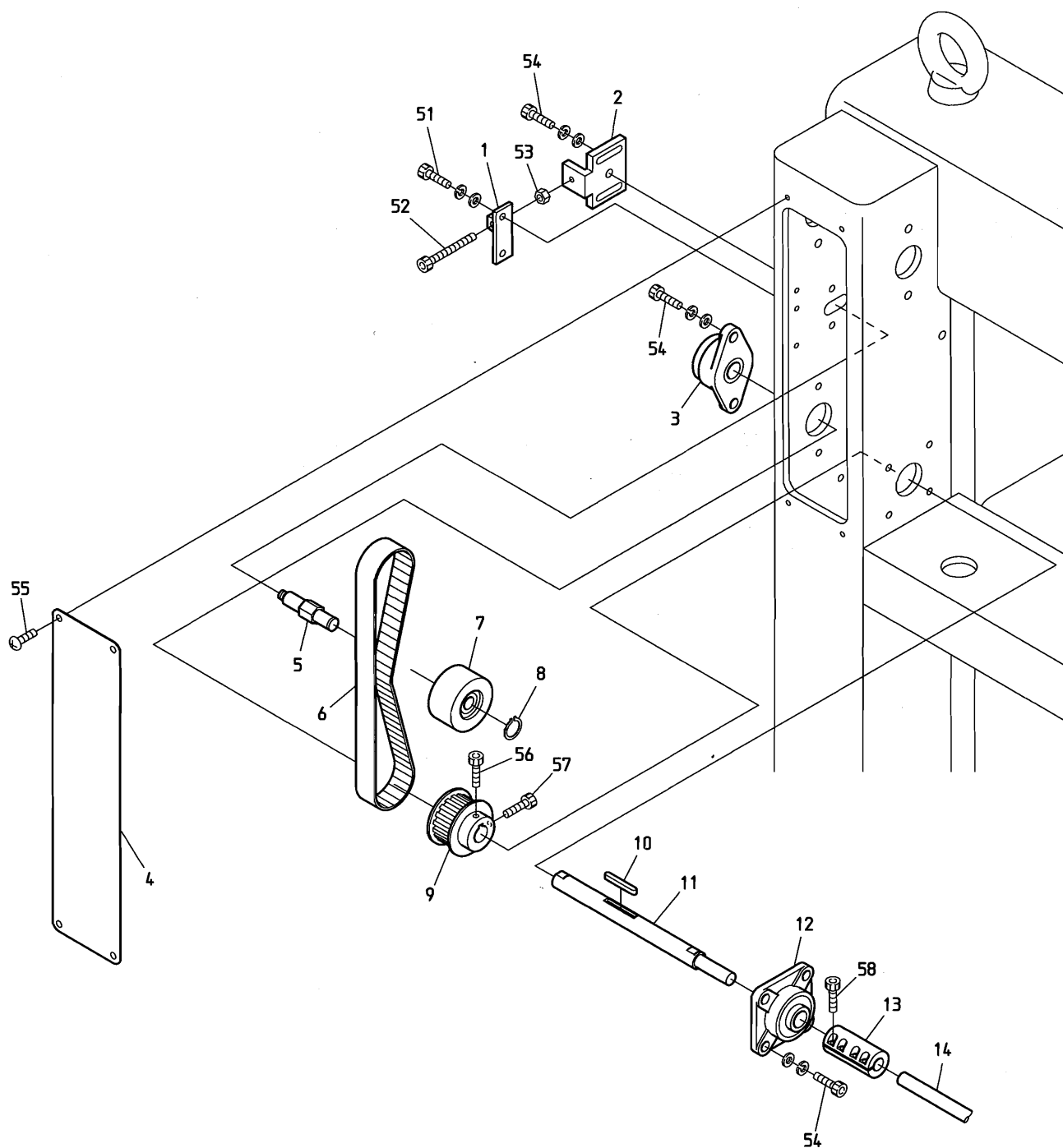
08A Drive A
駆動A



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

[illegible]

08B Drive B
駆動B

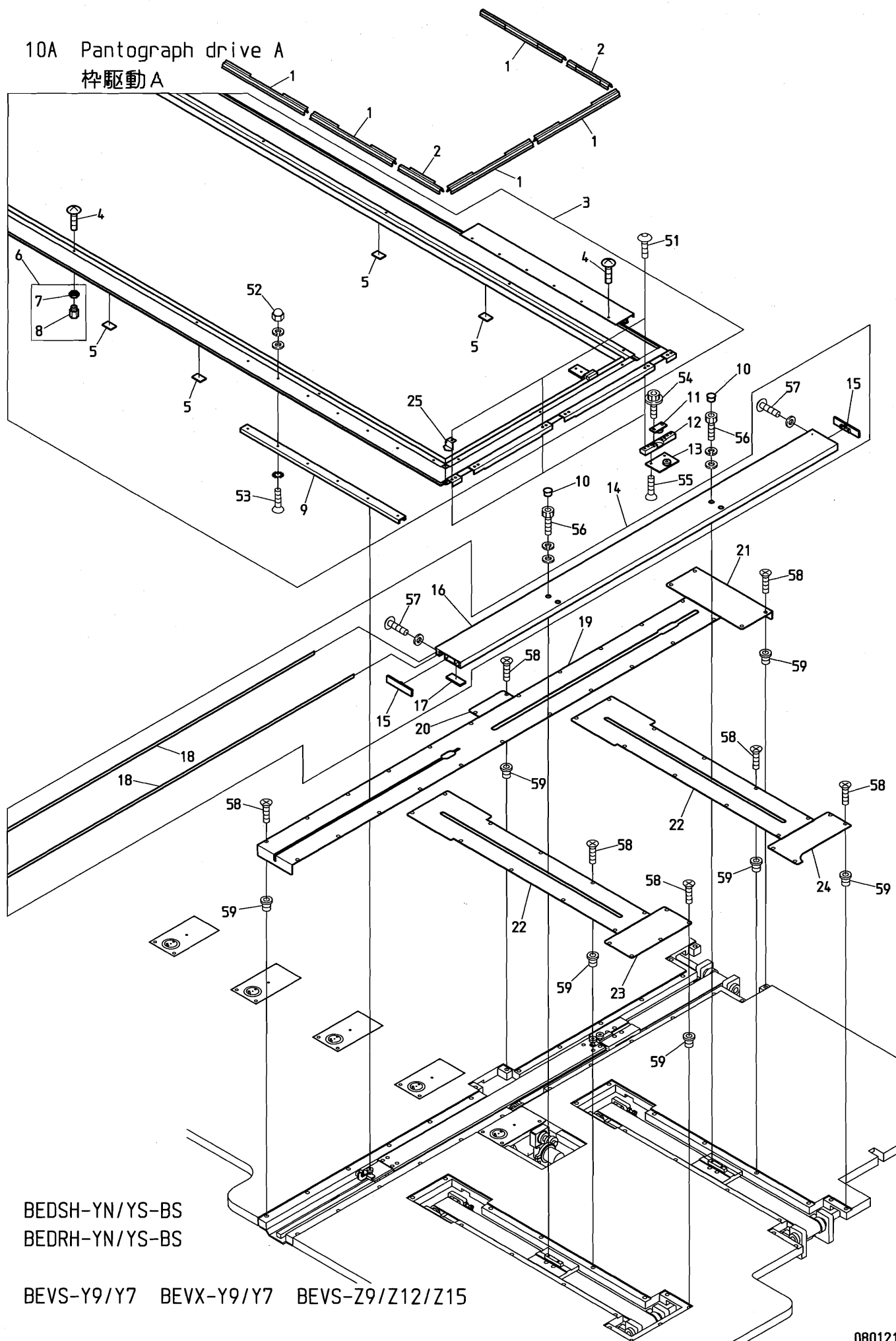


BEDSH-YN/YS-BS
BEDRH-YN/YS-BS

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

H12

10A Pantograph drive A
 杵駆動 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)

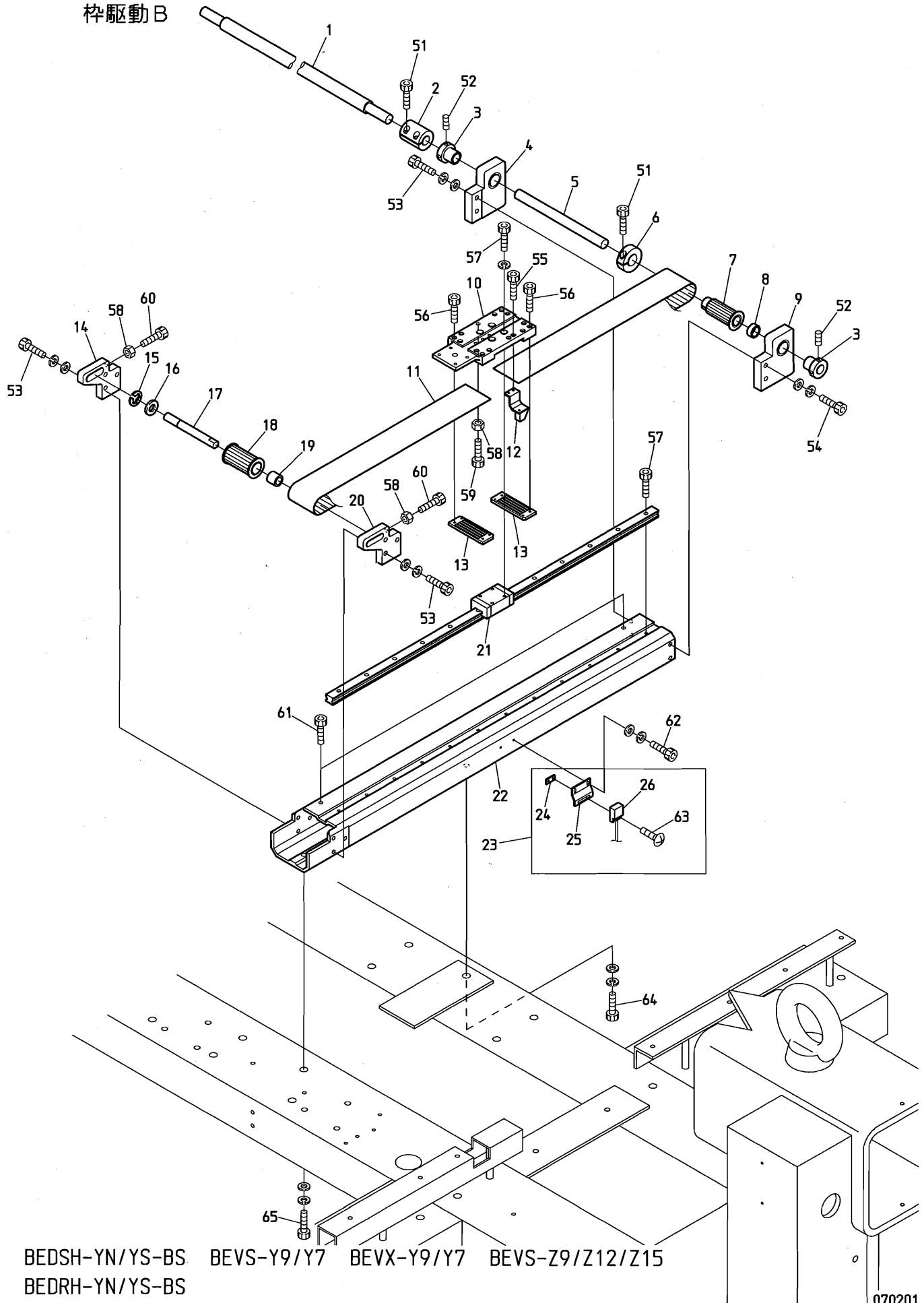
杵駆動A

(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)	4 4	※
2	KF730760	Clip(150L)	クリップ(150L)	2	※
3	1GPC20300500DZO	Pantograph frame a'ssy(BEVS-20 600×300/500)	杵フレーム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	9 6 set	※
7	RR730310	Nut	ナット	9 6	
8	RR730300	Pantograph nut	ワクナット	9 6	
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サブ杵フレーム(600ST)	1	Less than H1000 H1000以下
	RR73016B60	V-sub pantograph frame(600ST, wide 140)	Vサブ杵フレーム(600ST, 140幅)	1	Over H1000 H1000超え
15	RR730031C	V-sub pantograph frame cap	Vサブ杵フレームキャップ	2	Less than H1000 H1000以下
	RR730180	V-sub pantograph frame cap(For wide 140)	Vサブ杵フレームキャップ(140幅用)	2	Over H1000 H1000超え
16	RR73034A60	V-sub pantograph frame(600ST) Main body	Vサブ杵フレーム(600ST) 本体	1	Less than H1000 H1000以下
	RR73036A60	V-sub pantograph frame(600ST, wide 140) Main body	Vサブ杵フレーム(600ST, 140幅) 本体	1	Over H1000 H1000超え
17	RR730150	Felt for V-sub pantograph frame	Vサブ杵用フェルト	1	Less than H1000 H1000以下
	RR730170	Felt for V-sub pantograph frame(20×5×100)	Vサブ杵用フェルト(20×5×100)	1	Over H1000 H1000超え
18	RR73035A60	Suv pantograph guide plate(H600ST)	サブ杵摺動板(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)

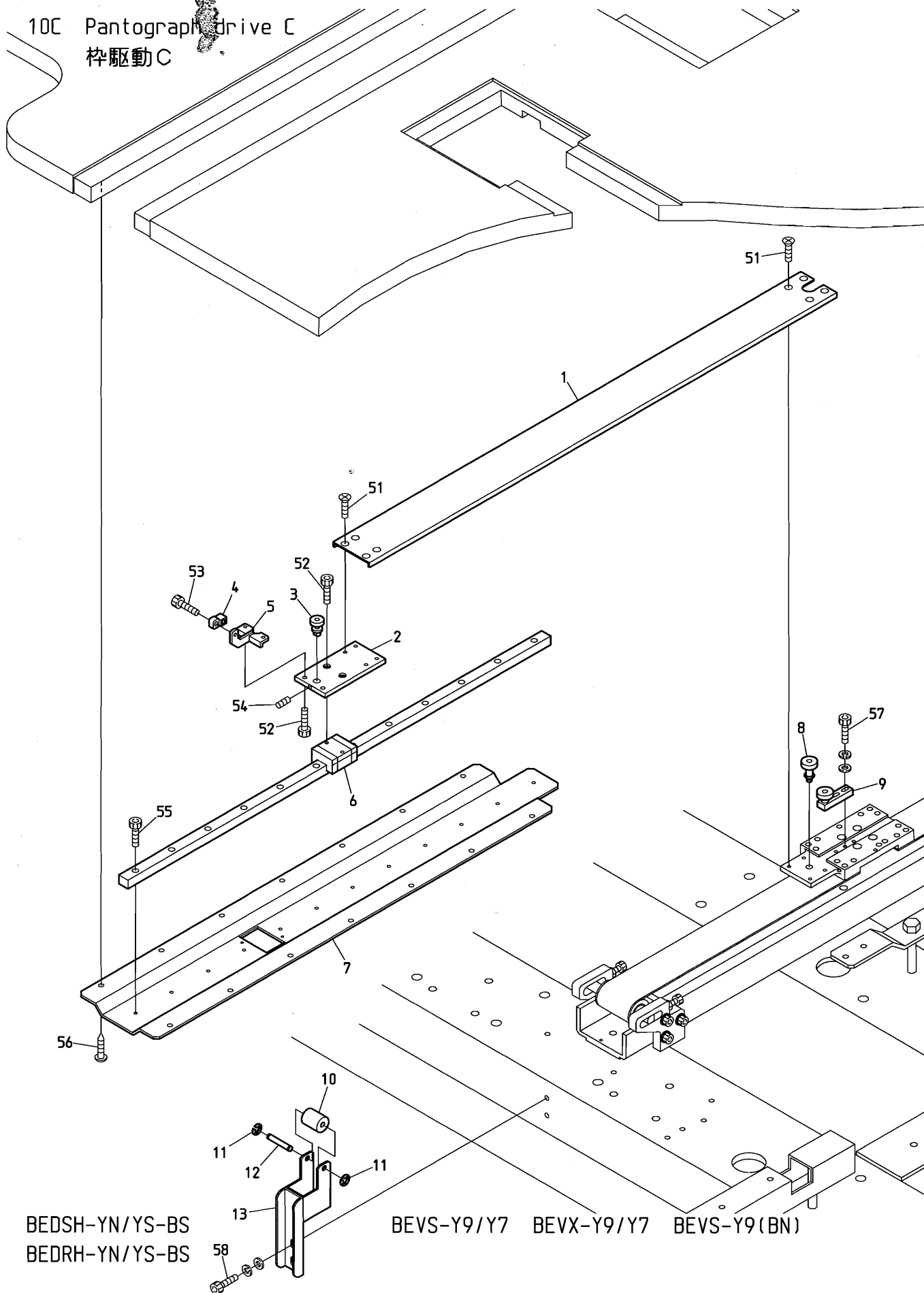
杵駆動B

(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杵駆動連結シャフト(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)	杵駆動プーリー取付台ASSY(L)	R × 1	
5	RR480150	Pantograph drive pulley shaft(φ15×186)	杵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)	杵駆動プーリー 後(W=50)	R × 1	
8	RJ480080	Pantograph drive pulley position decision collar	杵駆動プーリー位置決メカラー	R × 1	
9	RF480082	Pantograph drive pulley fixing base a'ssy(R)	杵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)	杵駆動プーリー 前(W=50)	R × 1	
19	RJ480070	Timing pulley position decision collar	従動プーリー位置決メカラー	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	Exept for last rail 最終部除ク ※
	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	六角穴付止メネジ M5×8		
53		Hex. socket bolt M6×22(With washers)	六角穴付ボルト M6×22(平座金 バネ座金付)		
54		Hex. socket bolt M6×25(With washers)	六角穴付ボルト M6×25(平座金 バネ座金付)		
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(バネ座金付)		
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 バネ座金付) 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 バネ座金付)		
65		Hex. socket bolt M8×25(With washers)	六角穴付ボルト M8×25(平座金 バネ座金付)		

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)

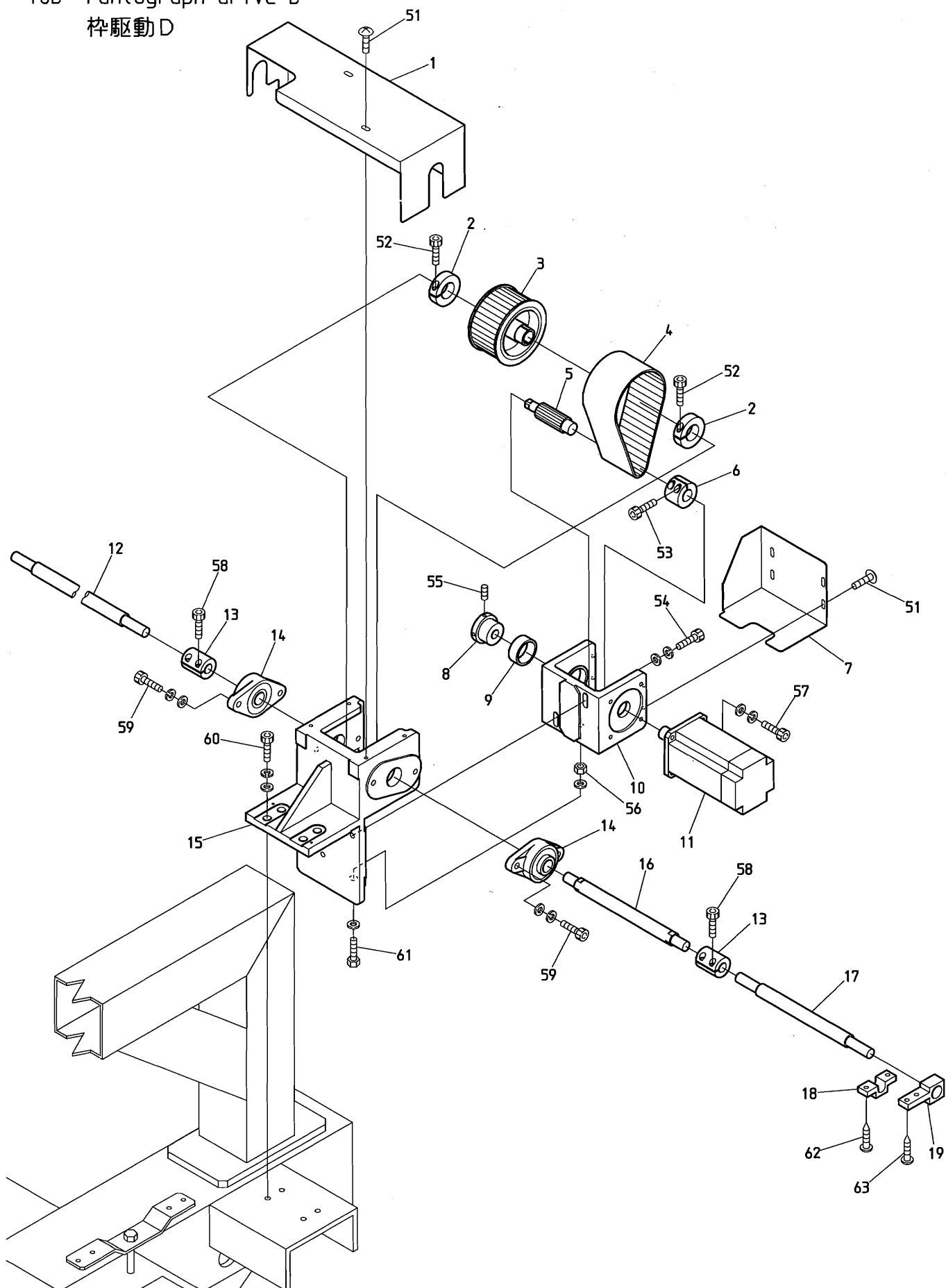
BEVY-Y9 BEVY-Y9(BN) BEVY-Y9F(BN) BEVS-Z9/Z12/Z15 BEVY-Z12/Z15

杵駆動 C

(R=H方向レール数)

H12

10D Pantograph drive D
 枠駆動D



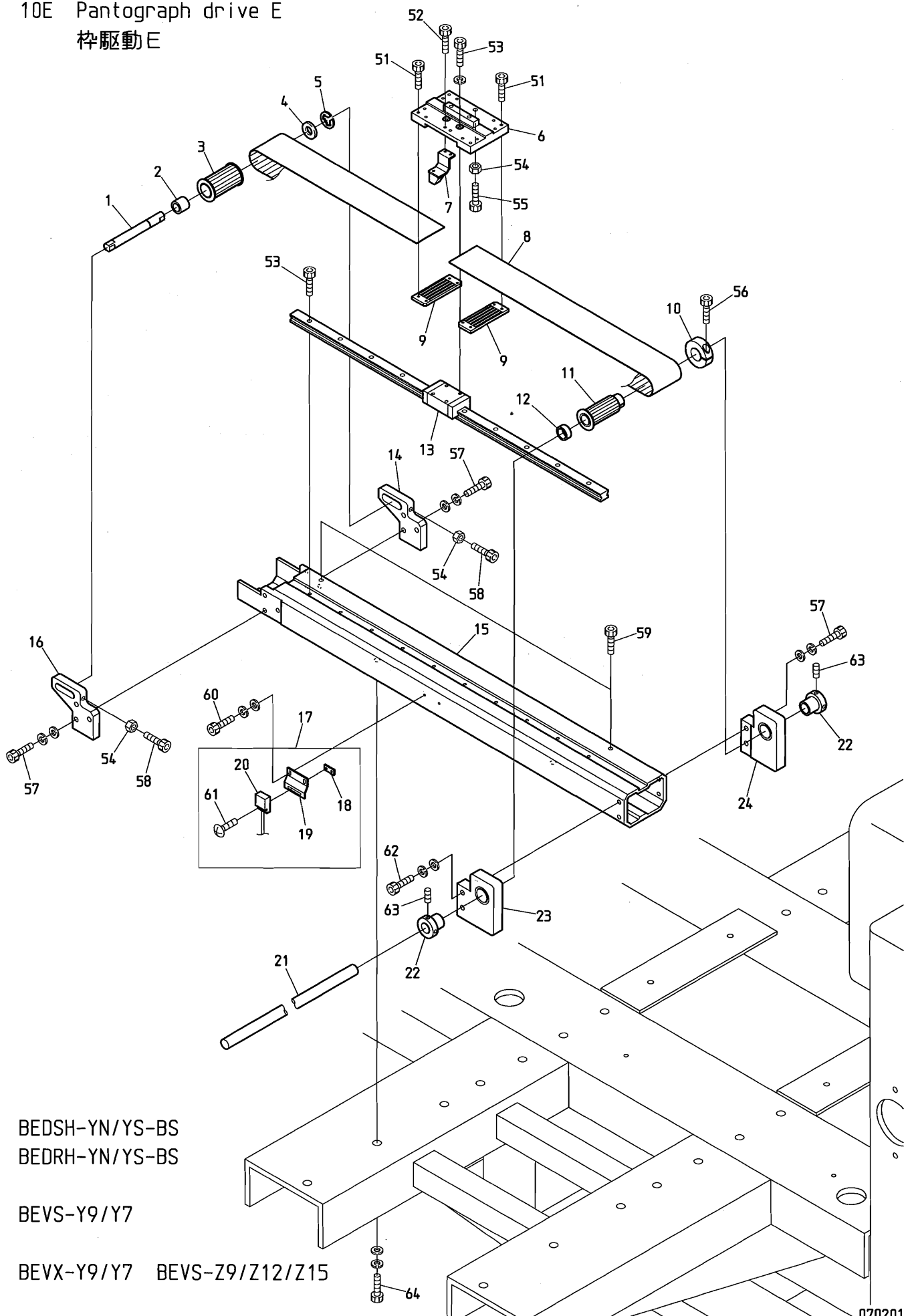
BEDSH-YN/YS-BS BEVS-Y9/Y7 BEVS-Y9(BN) BEVS-Z9/Z12/Z15
 BEDRH-YN/YS-BS

(※ Depends on machine type)

(※は機種によって異なる)

H12

10E Pantograph drive E
 枠駆動E



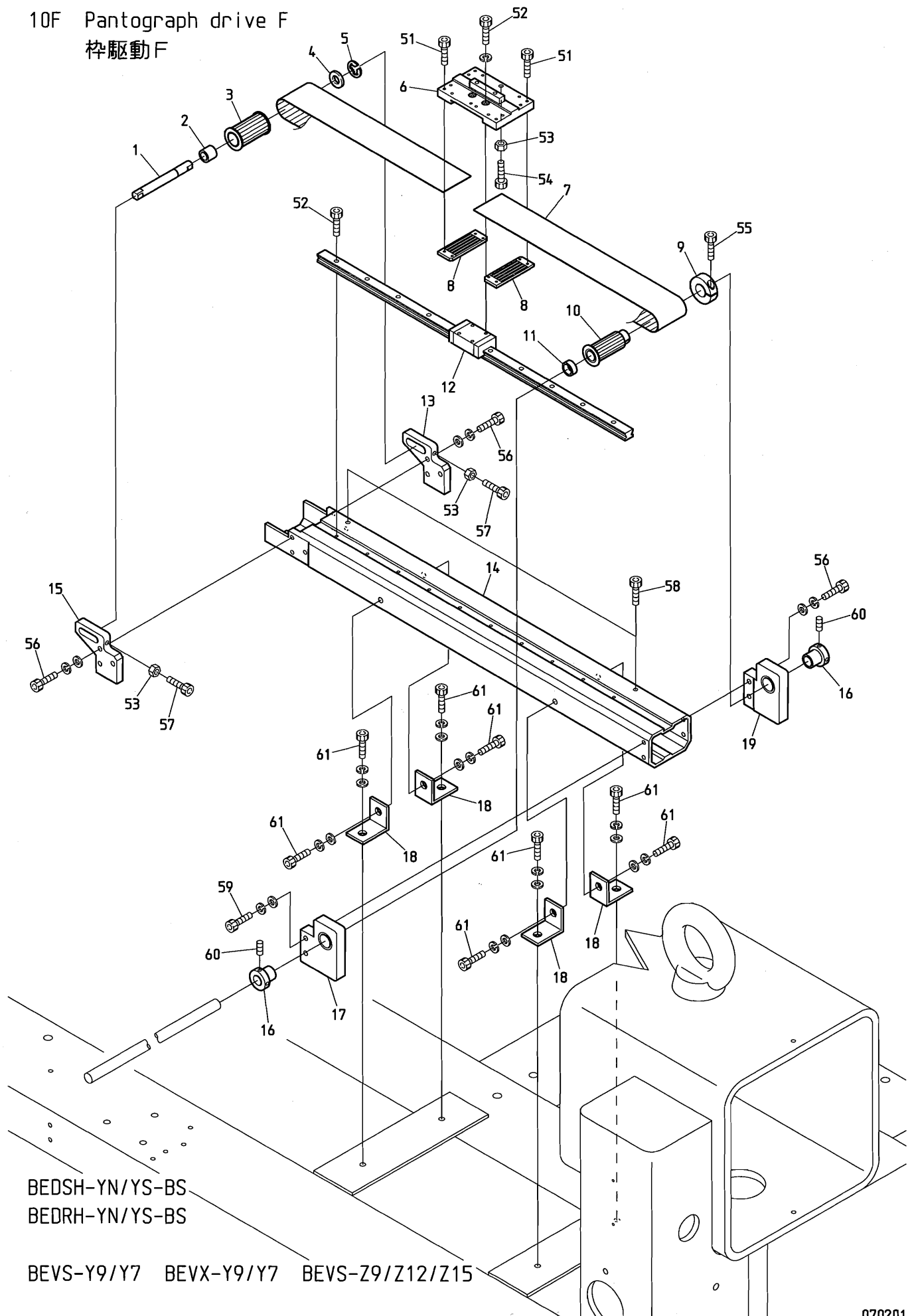
BEDSH-YN/YS-BS
 BEDRH-YN/YS-BS

BEVS-Y9/Y7

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

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)	杵駆動プーリー 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)	杵駆動プーリー 後 (W=50)	1	
12	RJ480080	Pantograph drive pulley position decision collar	杵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杵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)	杵駆動プーリー取付台ASSY (R)	1	
24	RF480092	Pantograph drive pulley fixing base a'ssy (L)	杵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
 杵駆動F



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

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

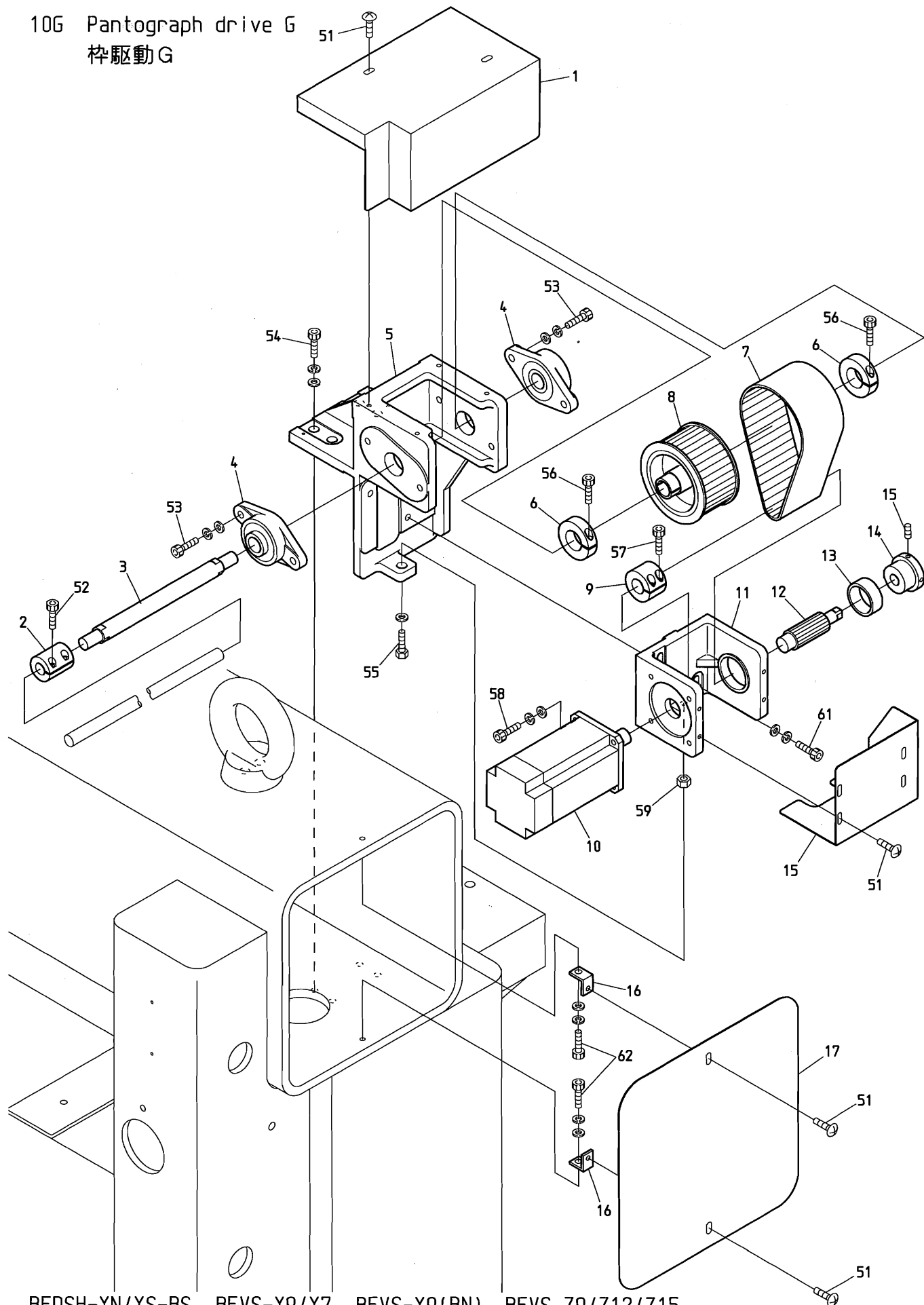
(※ Depends on machine type)

杵駆動 F

(※は機種によって異なる)

[illegible]

10G Pantograph drive G
 枠駆動G

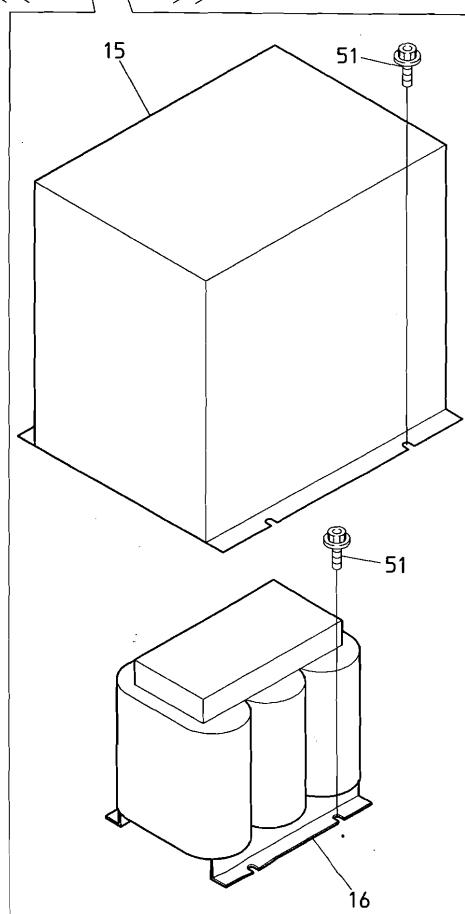
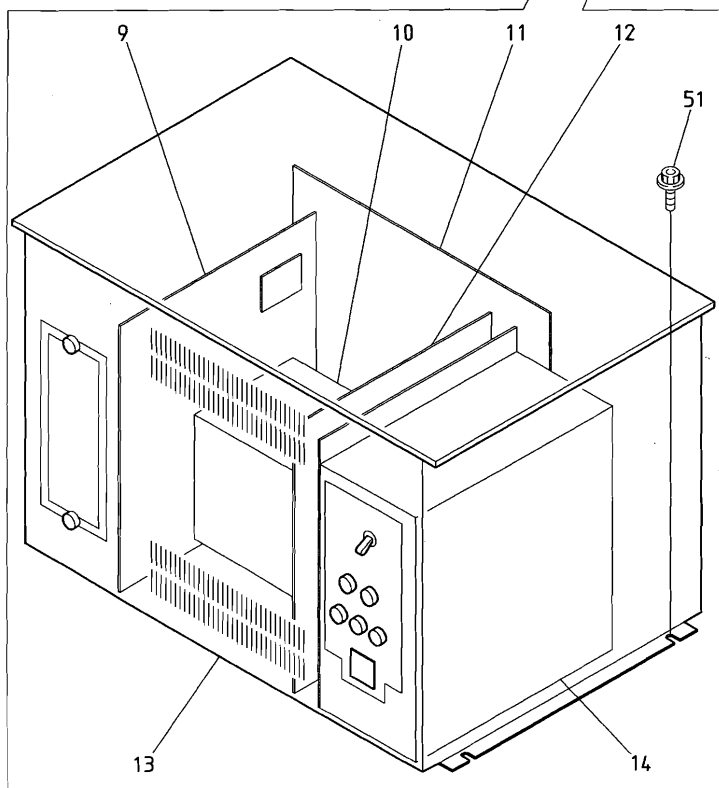
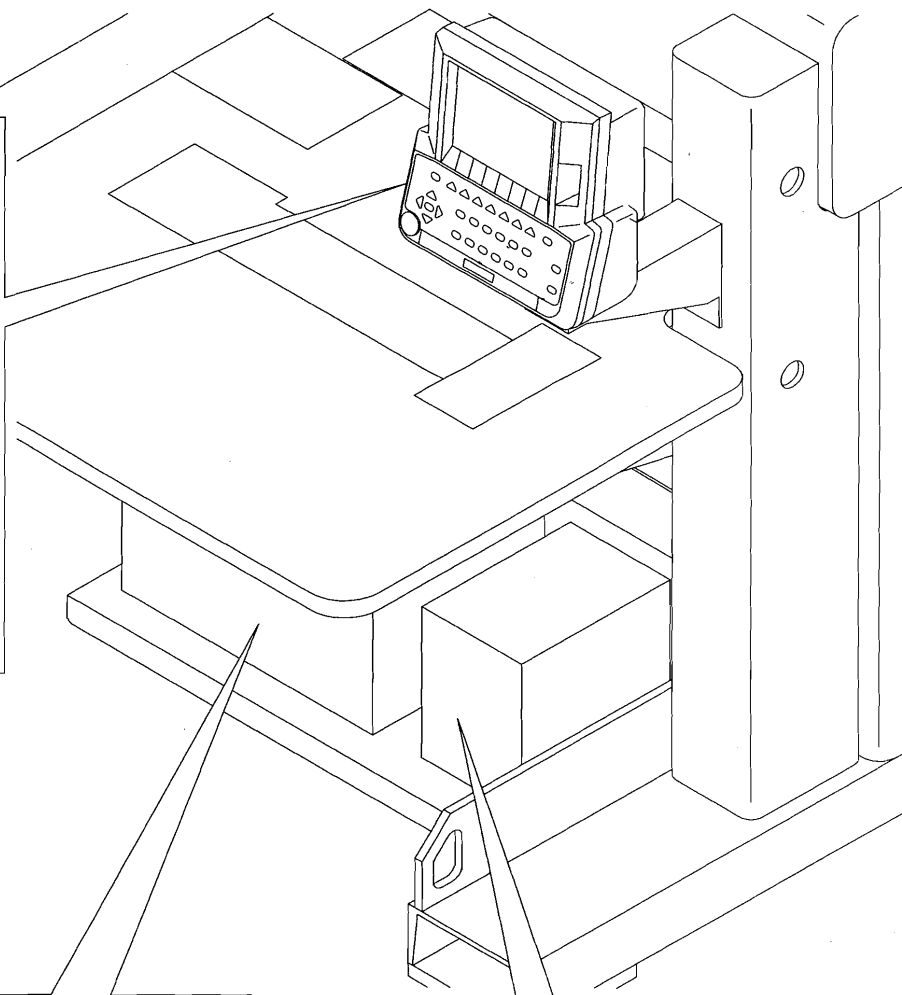
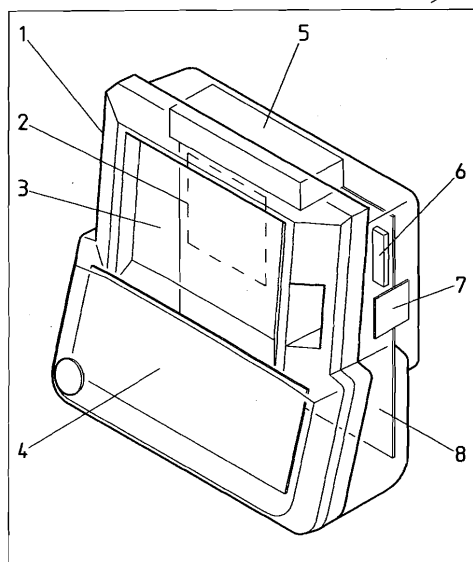


BEDSH-YN/YS-BS BEVS-Y9/Y7 BEVS-Y9(BN) BEVS-Z9/Z12/Z15
 BEDRH-YN/YS-BS

杵駆動 G

H12

11A Control A 制御 A

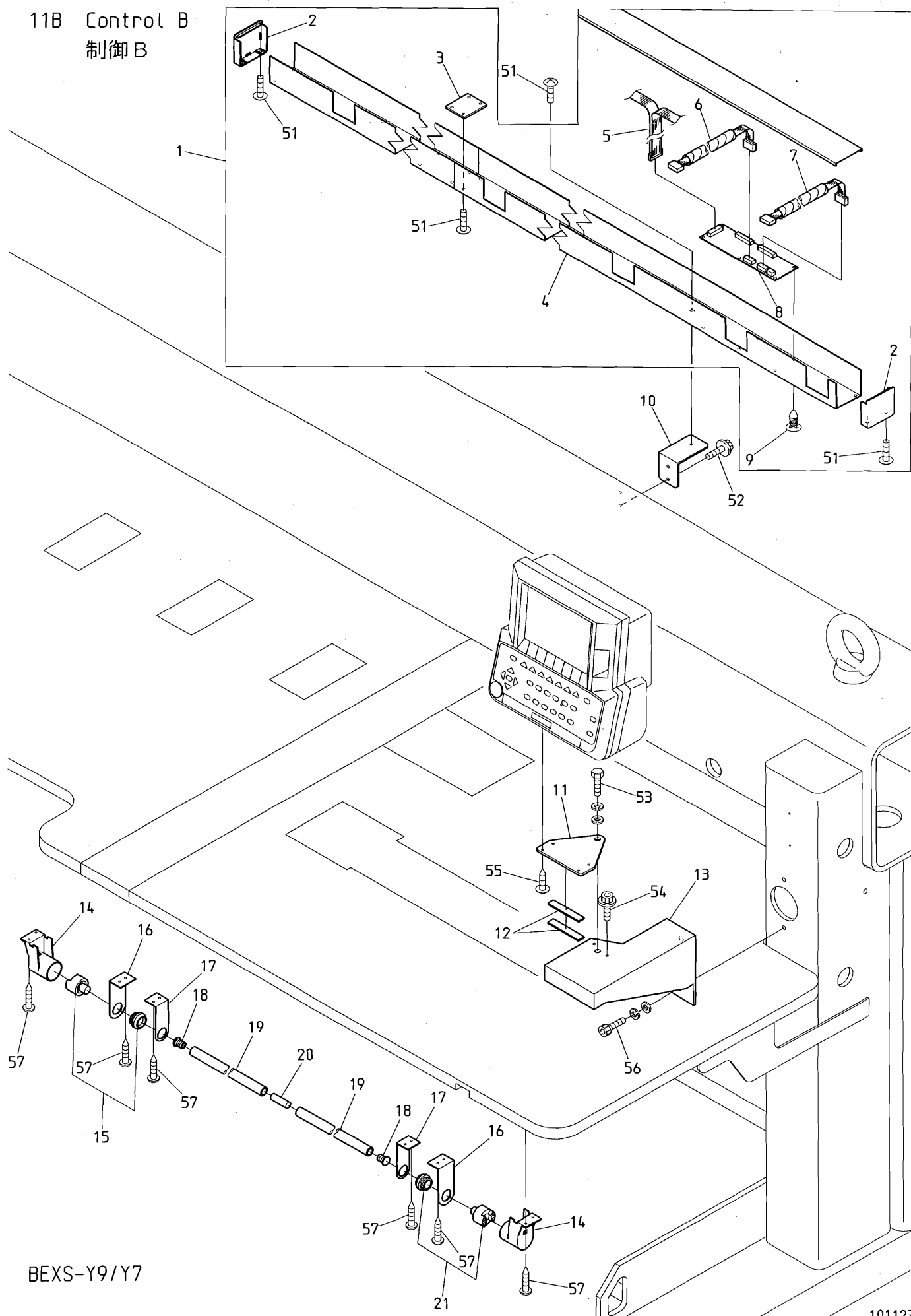


BEXS-Y9/Y7

制御 A

[illegible]

11B Control B
制御 B



BEXS-Y9/Y7

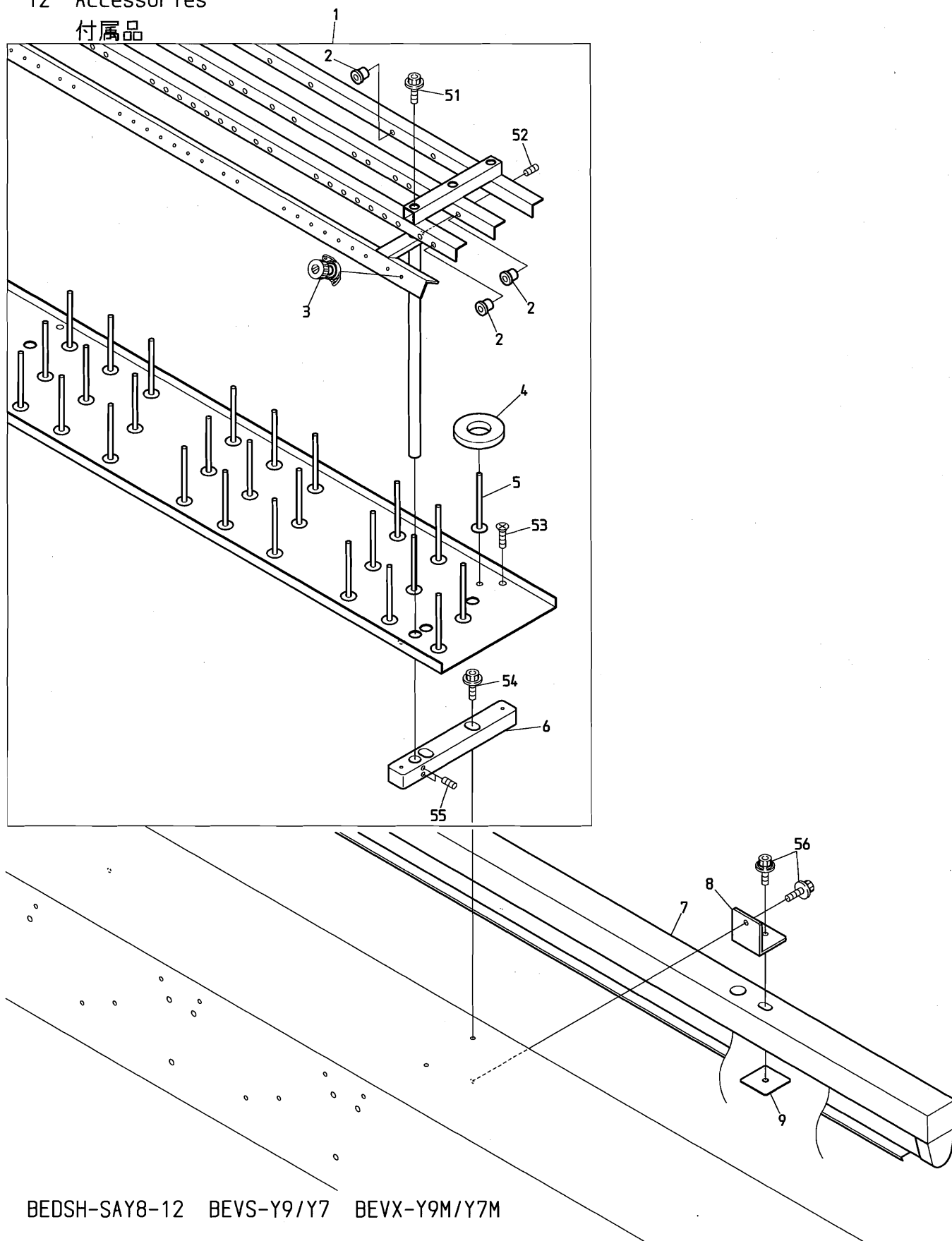
制御 B

(H=頭数) (※は機種によって異なる)

H22

12 Accessories

付属品



BEDSH-SAY8-12 BEVS-Y9/Y7 BEVX-Y9M/Y7M

BEVX-Y9M(BN) BEVS-Y9(BN) BEVX-Y9/Y7 BEVS-Y930 BEVS-Y938 BEVS-Y928

BEVY-Y9F BEVY-Y9M/Y7M BEVY-Y9F(BN) BEVS-Z9 BEVS-Z928 BEVX-CLZ912

付属品

(H=頭数) (※は機種によって異なる)

H12

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
1APCL300500DAZO	0 0	13	A9013069	0 8 A	19
1CPC20300500DZO	0 0	1	A9014055	0 4 A	16
1GPC20300500DZO	1 0 A	3	A9014160	1 0 A	10
1SPC20300500A0	0 8 A	3	A9019046	0 7 A	11
1UQLA2030N1	1 1 B	1	A9019046	0 7 C	5
1UQMD200750	1 1 B	5	A9020131	0 8 B	6
1UQMT20300N1	1 1 B	4	A9020188	0 8 A	4
2CRR920300A	1 2	1	A9020193	0 8 A	4
A9010001	0 7 A	7	A9052028	0 2 C	3
A9010056	1 0 D	9	A9052031	1 0 B	26
A9010056	1 0 G	13	A9052031	1 0 E	20
A9010064	0 2 B	8	A9052078	0 2 B	3
A9010070	1 0 B	16	A9052089	1 1 B	21
A9010070	1 0 E	4	A9052090	1 1 B	15
A9010070	1 0 F	4	A9054055	0 2 B	17
A9010073	0 3 B	28	A9056029	0 7 B	9
A9010100	0 1 B	5	A9056037	0 2 D	20
A9010101	0 1 B	6	A9056046	0 5	6
A9010108	0 7 C	2	A9056047	0 2 A	13
A9011021	0 3 A	16	A9056048	0 2 C	1
A9011021	0 4 A	23	A9065092	0 7 C	11
A9011022	0 4 A	24	A9065101	0 8 A	13
A9011023	0 4 A	22	A9065105	0 7 C	10
A9011111	0 1 A	7	A9065110	0 8 A	23
A9011152	0 3 A	15	A9065133	0 2 B	19
A9011238	0 8 B	3	A9065134	0 2 B	18
A9011239	0 8 B	12	A9068052	1 1 B	9
A9011240	0 8 A	11	EAY056A3	1 1 A	16
A9011240	1 0 D	14	EAY076A3	1 1 A	16
A9011240	1 0 G	4	EAY113A1	1 1 A	1
A9012001	0 7 A	15	EAY113A2	1 1 A	13
A9012002	0 2 B	11	EBY01120	0 7 A	3
A9012002	0 7 B	18	EBY02370	1 1 A	14
A9012052	1 0 B	15	EBY02411	1 1 A	9
A9012052	1 0 E	5	EBY02582	0 6 - 1	16
A9012052	1 0 F	5	EBY02592	0 6 - 2	15
A9012055	0 7 B	23	EBY02870	0 6 - 1	18
A9012068	0 8 B	8	EBY02870	0 6 - 2	18
A9012127	0 2 D	23	EBY03201	1 1 A	9
A9012143	0 7 B	10	EBY03242	1 1 A	9
A9012164	0 4 B	10	EBY03290	1 1 B	8
A9012368	0 4 B	17	EBY03300	1 1 A	8
A9012421	0 3 B	29	EBY03310	1 1 A	2
A9012426	1 0 C	11	EBY03320	1 1 A	4
A9013066	0 2 C	9	EBY03330	1 1 A	7

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
EBY03380	1 1 A	11	HB330090	0 7 B	3
EBY03390	1 1 A	14	HB330101	0 7 B	4
EBY03400	1 1 A	12	HB330120C	0 7 A	12
EBY03430	1 1 A	10	HB330200C	0 7 A	6
EDY00350	1 0 D	11	HB330211C	0 7 A	5
EDY00350	1 0 G	10	HB330221	0 7 A	4
EP580050C	1 2	7	HB330280	0 7 C	7
FA999052	0 6 - 1	11	HB330290	0 7 C	4
FA999052	0 6 - 2	11	HB330301	0 7 C	3
FN070011RG	0 4 A	14	HB330311	0 7 A	10
HB220010	0 1 A	14	HB330320	0 7 A	8
HB230070C	0 3 B	18	HB330330C	0 7 A	9
HB230080C	0 3 B	17	HB330330C	0 7 C	1
HB230160C	0 4 B	11	HB330350	0 7 B	7
HB230180C	0 4 C	15	HB330370	0 7 C	9
HB230190C	0 4 C	19	HB330380	0 7 C	8
HB230201C	0 4 B	13	HB330410	0 7 C	6
HB230220C	0 4 C	8	HB710011	1 2	8
HB230262C	0 4 C	7	HB710020	1 2	9
HB230271C	0 4 C	3	HH220570	0 1 A	3
HB230281C	0 4 C	5	HH330670C	0 7 B	12
HB230620	0 3 B	20	HH330760	0 2 B	12
HB230650	0 3 B	7	HH330770	0 2 B	14
HB230751	0 3 A	5	HH330770	0 7 B	14
HB230800	0 3 B	10	HH481932	1 0 B	2
HB240020C	0 5	13	HH481932	1 0 D	13
HB240030C	0 5	14	HH481932	1 0 G	2
HB240041	0 5	9	HH481970C	0 1 B	7
HB240110C	0 5	2	HH481970C	1 0 B	3
HB240151	0 3 A	2	HH481970C	1 0 E	22
HB240161	0 3 A	13	HH481970C	1 0 F	16
HB240241C	0 6 - 1	27	HH481980	1 0 B	6
HB240241C	0 6 - 2	27	HH481980	1 0 E	10
HB240351C	0 5	8	HH481980	1 0 F	9
HB310070	0 8 A	18	HK220681	0 1 A	13
HB310070	0 8 B	9	HP211050	0 1 A	6
HB310080	0 8 B	7	HP220680C	0 1 A	13
HB310260	0 8 A	9	HP220712	0 1 A	9
HB320070	0 1 A	5	HP231370	0 4 B	26
HB320070	0 8 B	14	HP241431	1 2	3
HB330040	0 7 A	17	HP321082	0 1 A	1
HB330050	0 7 B	20	HP321090C	0 1 A	2
HB330060C	0 7 B	11	HP321100	0 8 B	13
HB330070C	0 7 B	6	HP321120	0 0	3
HB330080	0 7 B	22	HP321710C	0 1 B	8

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HP321720C	0 1 B	1	HT230620C	0 5	12
HP331560	0 7 B	17	HT230640	0 2 D	28
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	29
HT220020C	0 1 A	12	HT230941	0 3 A	4
HT220030	0 1 A	12	HT230950	0 3 A	12
HT220043	0 1 A	8	HT240000	0 3 A	1
HT220053	0 1 A	8	HT240010	0 3 A	14
HT220061	0 1 A	10	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	9	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	6	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	14
HT230290	0 4 B	15	HT240570C	0 5	5
HT230300	0 3 A	17	HT240580C	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	31	HT270030C	0 2 D	1
HT230362	0 2 D	30	HT270040C	0 2 D	5
HT230410C	0 4 C	6	HT270063	0 2 D	8
HT230420C	0 4 C	9	HT270070C	0 2 C	10
HT230460	0 4 B	7	HT270091	0 2 D	27
HT230471	0 4 B	14	HT270110C	0 2 C	8
HT230480C	0 4 B	8	HT270121	0 2 D	25
HT230491C	0 4 B	1	HT270140	0 2 D	1
HT230500	0 4 B	5	HT270150	0 2 D	3
HT230510	0 4 B	12	HT330001	0 7 A	13
HT230520	0 4 B	16	HT710000	1 2	5
HT230541	0 3 A	8	HV250010	0 2 A	1
HT230560C	0 4 B	21	HV270020C	0 2 A	17
HT230590	0 4 C	1	HV270030C	0 2 A	14

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HV270071	0 2 A	10	KF230620	0 7 B	21
HV270090C	0 2 A	11	KF230630	0 7 B	19
HV270100C	0 2 A	16	KF230640C	0 2 A	12
HV270240	0 2 B	15	KF230640C	0 4 C	14
HV270280	0 2 B	4	KF230661	0 4 C	16
HV270310	0 2 A	8	KF230670	0 4 C	10
HV270320	0 2 A	9	KF230680	0 3 B	6
HV270330	0 2 A	6	KF232130	0 4 A	11
HV270340	0 2 A	5	KF250220	0 2 D	10
HV270350	0 2 B	6	KF250231	0 2 D	12
HV270360	0 2 B	2	KF250241	0 2 D	11
HV270373	0 1 A	4	KF250250	0 2 D	13
HV270381	0 2 A	3	KF250900	0 2 A	2
HV270410	0 2 A	10	KF530151	1 1 B	14
HV270420	0 2 A	7	KF530160	1 1 B	19
HV270440	0 2 A	4	KF530171	1 1 B	18
HV310050	0 8 A	7	KF710390	1 2	4
HV310070	0 8 B	10	KF730500	1 0 A	4
HV310110	0 8 A	10	KF730750	1 0 A	1
HV310120	0 8 A	13	KF730760	1 0 A	2
HV330022	1 1 B	12	KL230180	0 4 C	18
HV710010	1 2	7	KL270001	0 2 D	17
KC270101C	0 2 D	19	KL270041	0 2 D	24
KC270271C	0 2 D	6	KL270060C	0 2 D	22
KC270292	0 2 D	9	KL270070C	0 2 D	15
KC271440	0 2 B	1	KL270081	0 2 C	4
KC330170C	0 7 A	2	KL270091	0 2 C	7
KC330180	0 2 B	7	KL270101	0 2 C	15
KC330280	0 7 A	1	KL270110C	0 2 C	12
KC330310240	0 7 A	14	KL270120C	0 2 C	14
KC330310240	0 7 B	15	KL270131C	0 2 C	13
KC330410	0 4 A	25	KL270131C	0 2 D	26
KC330410	0 2 B	13	KL270260C	0 2 C	2
KC330410	0 4 C	13	KL270402	0 2 C	11
KC330410	0 7 B	13	KL270450	0 2 C	6
KC530230	1 1 B	16	KL270520C	0 2 D	18
KC530240	1 1 B	17	KN271720	0 2 B	16
KF220302	0 1 A	16	KN271750	0 2 B	9
KF220421	0 1 A	15	KN271782	0 2 B	8
KF220530	0 1 A	15	KN271800	0 2 B	10
KF220700	0 1 A	14	KN272350	0 2 B	5
KF221020	0 1 A	16	KN272401	0 2 A	15
KF230501	0 3 B	5	KN272401	0 2 C	5
KF230582C	0 2 D	4	KN272401	0 2 D	16
KF230620	0 4 C	17	KN310010	0 8 A	12

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
KN313671	0 8 A	5	RF480082	1 0 F	17
KN330010	0 4 A	25	RF480092	1 0 B	4
KN330010	0 4 C	13	RF480092	1 0 E	24
KN330010	0 7 B	13	RF480092	1 0 F	19
KN330020	0 4 A	25	RF480101	1 0 B	7
KN330020	0 4 C	13	RF480101	1 0 E	11
KN330020	0 7 B	13	RF480101	1 0 F	10
KN480420580	1 0 A	9	RF480140	1 0 B	18
KN511020	0 1 B	3	RF480140	1 0 E	3
KN540510	0 6 - 1	12	RF480140	1 0 F	3
KN540510	0 6 - 2	12	RF480261	1 0 B	13
KR480100	1 0 D	8	RF480261	1 0 E	9
KR480100	1 0 G	14	RF480261	1 0 F	8
KV230040	0 4 A	6	RF480370	1 0 E	13
MK230071	0 4 C	11	RF480370	1 0 F	12
MK230080C	0 4 C	12	RF480471	1 0 A	21
NB0PC510001	1 1 B	2	RF490011	1 0 D	15
NB2RP210032	0 1 A	6	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	23
PH240010	0 6 - 2	10	RH230281	0 3 B	22
PH240020	0 6 - 2	19	RH230300	0 3 B	21
RD230370C	0 4 A	10	RH230311	0 3 B	3
RD230480	0 4 A	2	RH230320	0 3 B	13
RD230490	0 4 A	4	RH230330	0 3 B	12
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
RF480082	1 0 E	23	RH230610	0 3 B	11

I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
RH230801	0 3 B	2	RJ720091	0 0	19
RH230810	0 3 B	4	RL250040	0 0	2
RJ140000	0 0	6	RN210012	0 2 C	16
RJ140010	0 0	9	RN230010	0 3 B	24
RJ140020	0 0	7	RN230020C	0 3 B	25
RJ140030	0 0	12	RN230030	0 3 B	26
RJ140060	0 0	8	RN230040	0 3 B	27
RJ140100	0 0	5	RN230050	0 3 A	9
RJ250030	1 0 A	20	RN230063	0 3 B	16
RJ250040	1 0 A	23	RN230072	0 3 B	19
RJ250130	1 0 G	16	RN240010	0 5	7
RJ250160	0 8 A	15	RN240020C	0 5	1
RJ270110	0 2 A	3	RN240030C	0 5	4
RJ310010C	0 8 B	11	RN310000C	0 8 A	8
RJ310060	0 8 B	5	RN320010	0 8 A	20
RJ450021	1 0 B	12	RP330010	0 7 B	1
RJ450021	1 0 E	7	RP510020	0 1 B	4
RJ480031	1 0 B	10	RR140000	0 0	20
RJ480041C	1 0 B	20	RR140010	0 0	14
RJ480041C	1 0 E	16	RR140020	0 0	11
RJ480041C	1 0 F	15	RR140031	0 0	10
RJ480051C	1 0 B	14	RR230000C	0 3 B	8
RJ480051C	1 0 E	14	RR230011	0 4 A	17
RJ480051C	1 0 F	13	RR230020	0 4 A	26
RJ480061C	1 0 B	17	RR230031C	0 4 B	4
RJ480061C	1 0 E	1	RR230040	0 3 B	1
RJ480061C	1 0 F	1	RR230051	0 4 A	1
RJ480070	1 0 B	19	RR230061	0 4 A	1
RJ480070	1 0 E	2	RR230081	0 4 C	4
RJ480070	1 0 F	2	RR230091	0 4 C	2
RJ480080	1 0 B	8	RR230130	0 4 B	6
RJ480080	1 0 E	12	RR230140	0 4 B	25
RJ480080	1 0 F	11	RR230150	0 4 B	24
RJ48009B60	1 0 C	1	RR230190	0 5	10
RJ480110	1 0 C	8	RR230261	0 3 B	19
RJ480121	1 0 C	9	RR230272	0 3 B	16
RJ480152	1 0 E	6	RR230290	0 4 A	21
RJ480152	1 0 F	6	RR240060	0 6 - 1	21
RJ480160	1 0 F	18	RR240060	0 6 - 2	21
RJ48018B500	1 0 A	22	RR240280	0 6 - 1	2
RJ480190	1 0 E	21	RR240300C	0 6 - 1	3
RJ720011	0 0	16	RR240300C	0 6 - 2	3
RJ720020	0 0	17	RR240310	0 6 - 1	8
RJ720050	0 0	18	RR240320	0 6 - 1	9
RJ720063	0 0	15	RR240330	0 6 - 1	17

I N D E X

L I S T No.	SECTION No.	ITEM	L I S T No.	SECTION No.	ITEM
RR240330	0 6 - 2	16	RR480080	1 0 E	8
RR240350	0 6 - 1	20	RR480080	1 0 F	7
RR240390	0 6 - 1	7	RR480141	1 0 E	6
RR240390	0 6 - 2	7	RR480141	1 0 F	6
RR240460	0 6 - 2	8	RR480150	1 0 B	5
RR240470	0 6 - 2	9	RR48016A60	1 0 B	22
RR240490	0 6 - 2	20	RR48017A60	1 0 B	22
RR240500	0 6 - 2	2	RR48018A500	1 0 E	15
RR240510	0 6 - 1	5	RR48019A500	1 0 F	14
RR240510	0 6 - 2	5	RR48023A60G	1 0 C	6
RR240660	0 6 - 1	15	RR48024A60	1 0 C	7
RR240660	0 6 - 2	14	RR48025A60	1 0 A	19
RR250002	1 0 D	1	RR480260	1 0 C	3
RR250012	1 0 D	7	RR480270	1 0 C	2
RR250012	1 0 G	15	RR48029A60G	1 0 B	21
RR250022	1 0 G	1	RR480300	1 0 D	19
RR250080	0 8 B	4	RR510010	1 1 B	11
RR250121	0 8 A	1	RR510150	1 1 B	13
RR250190	0 8 A	2	RR520000	1 1 A	15
RR250200	1 0 A	24	RR530000	1 1 B	20
RR250210	1 0 G	17	RR73000B60	1 0 A	14
RR250270	0 8 A	21	RR730010	1 0 A	11
RR270010	0 2 B	20	RR730020	1 0 A	13
RR270090	0 2 D	14	RR730031C	1 0 A	15
RR270120	0 2 D	21	RR730050C	1 0 A	12
RR310000	0 8 A	6	RR730150	1 0 A	17
RR310010	0 8 A	16	RR73016B60	1 0 A	14
RR310020	0 8 A	17	RR730170	1 0 A	17
RR310040	0 8 B	1	RR730180	1 0 A	15
RR310080	0 8 A	13	RR730220	1 0 A	5
RR310090	0 8 A	22	RR730300	1 0 A	8
RR310263	0 8 B	2	RR730310	1 0 A	7
RR320021C	0 3 B	15	RR730320	1 0 A	6
RR320030C	0 3 B	14	RR73034A60	1 0 A	16
RR320041	1 0 D	2	RR73035A60	1 0 A	18
RR320041	1 0 G	6	RR73036A60	1 0 A	16
RR330010	0 7 B	8	SC210000	0 1 A	17
RR450000	1 0 B	23	SC210010	0 1 A	18
RR450000	1 0 E	17	SF730030	1 0 A	25
RR450010	1 0 B	25	SG510080	1 1 B	10
RR450010	1 0 E	19	SK480200	1 0 D	18
RR460000C	1 0 C	5	SK710000	1 2	6
RR460011	1 0 C	4	WW480020	1 0 C	10
RR480061C	1 0 C	13	WW480030	1 0 C	12
RR480080	1 0 B	11			