

Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

MODEL **BENSH-YN/YIS-BS**
BENRH-YN/YIS-BS

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BENSH-YN/YS-B S
BENRH-YN/YS-B S
HIGH SPEED AUTOMATIC EMBROIDERY MACHINE
高速自動刺繍マシン

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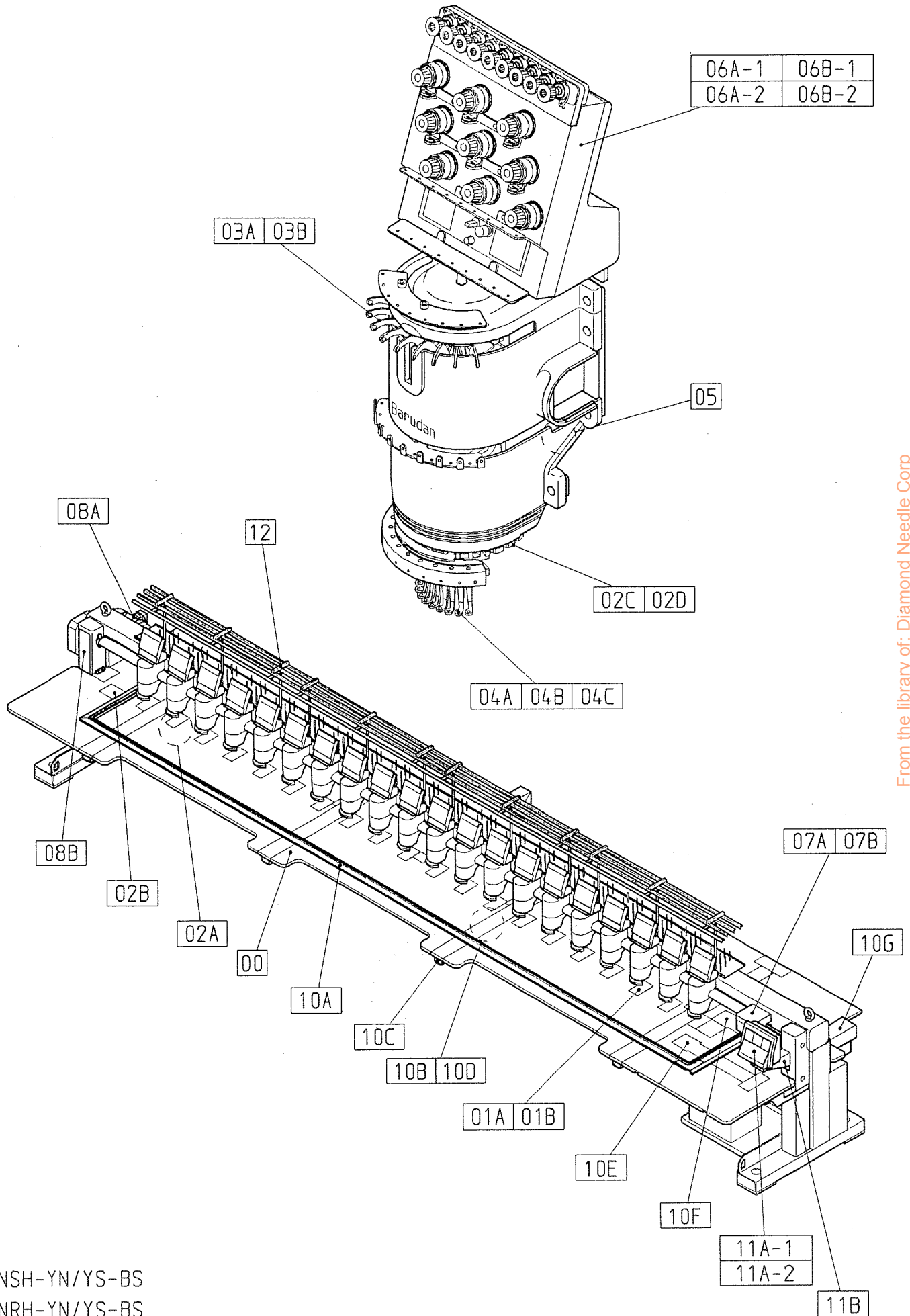
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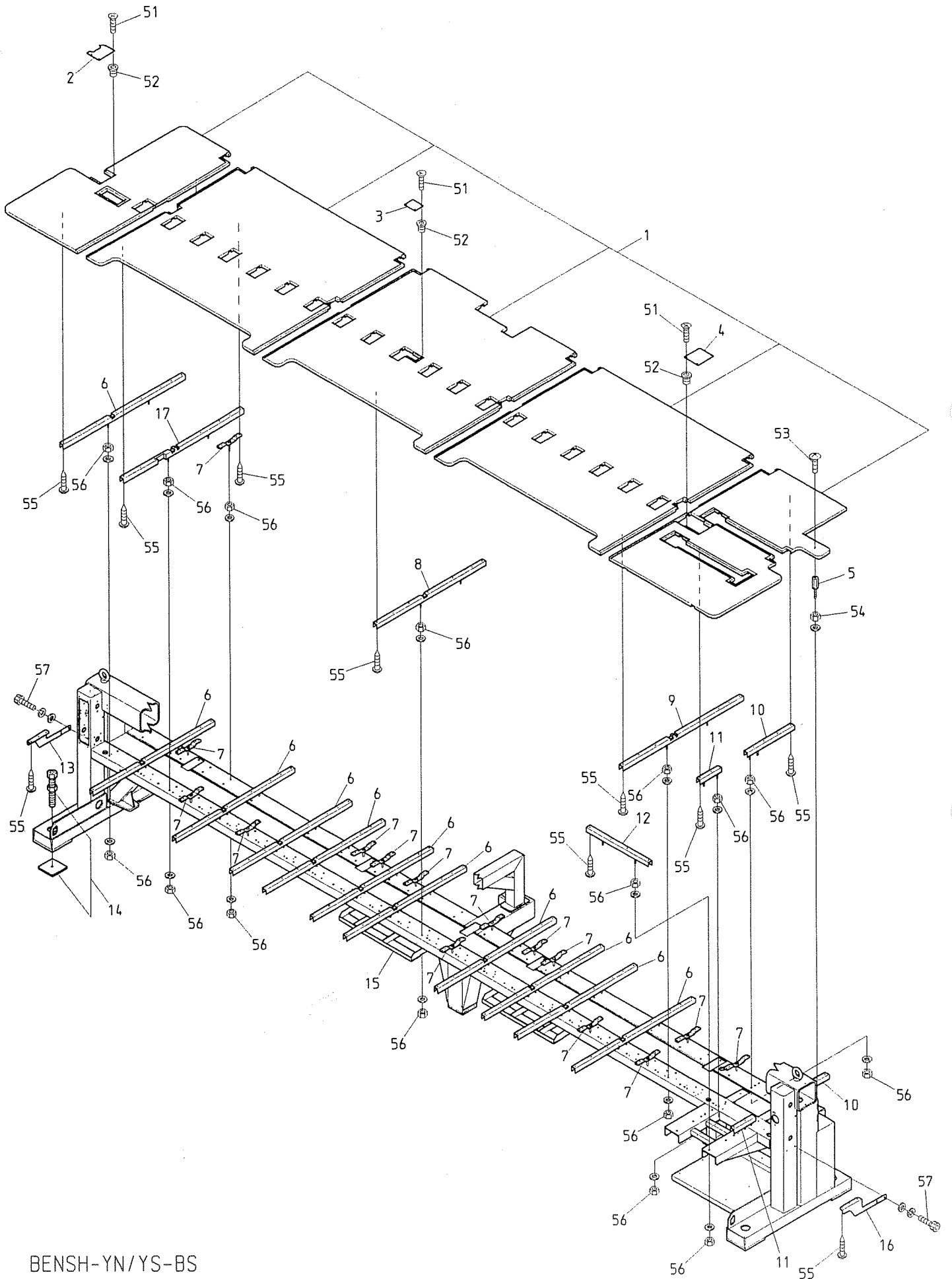


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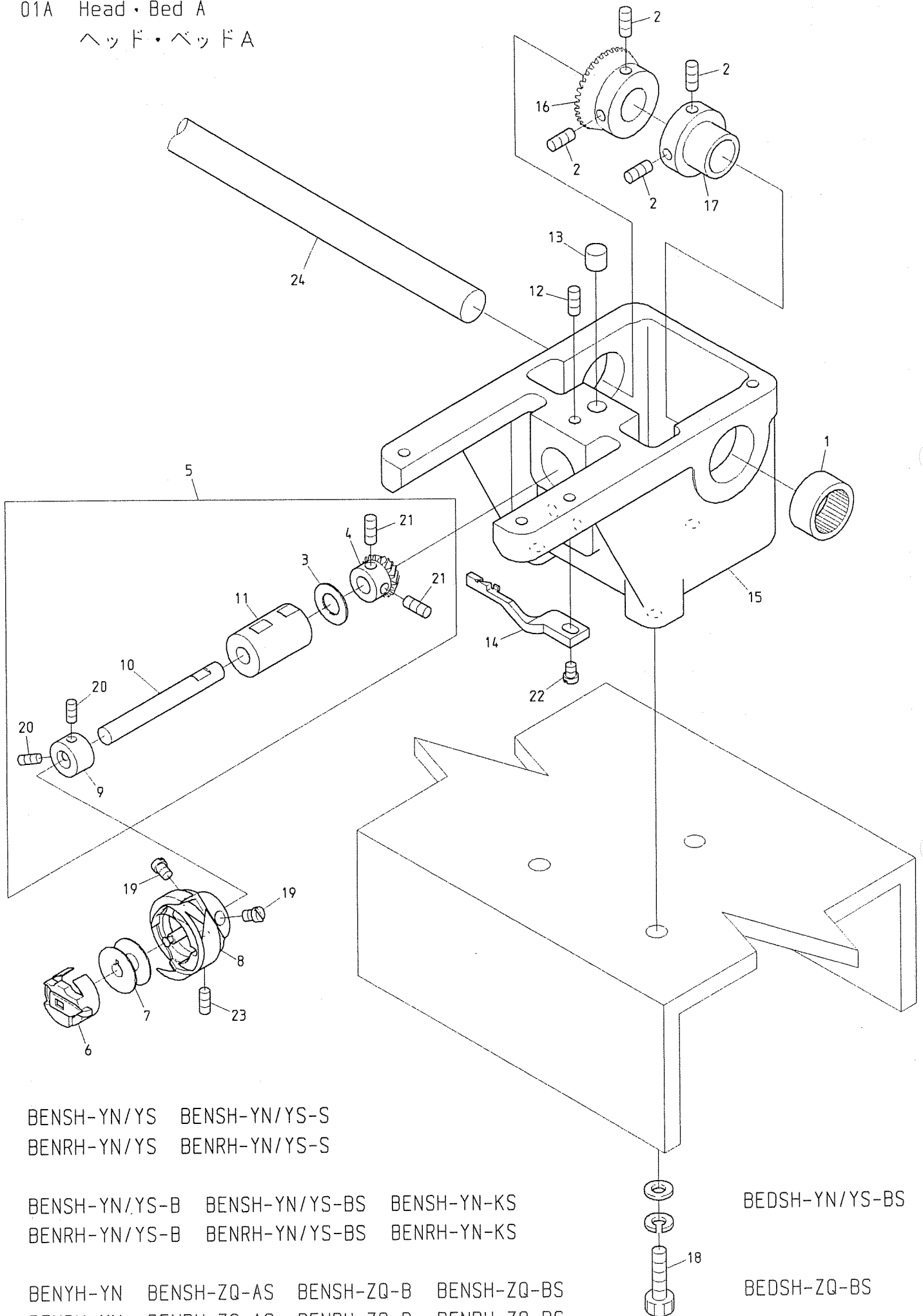
00 Table・Frame
 テーブル・フレーム



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BENSH-YN/YS-BS
 BENRH-YN/YS-BS

01A Head・Bed A
 ヘッド・ベッドA



BENSH-YN/YS BENSH-YN/YS-S
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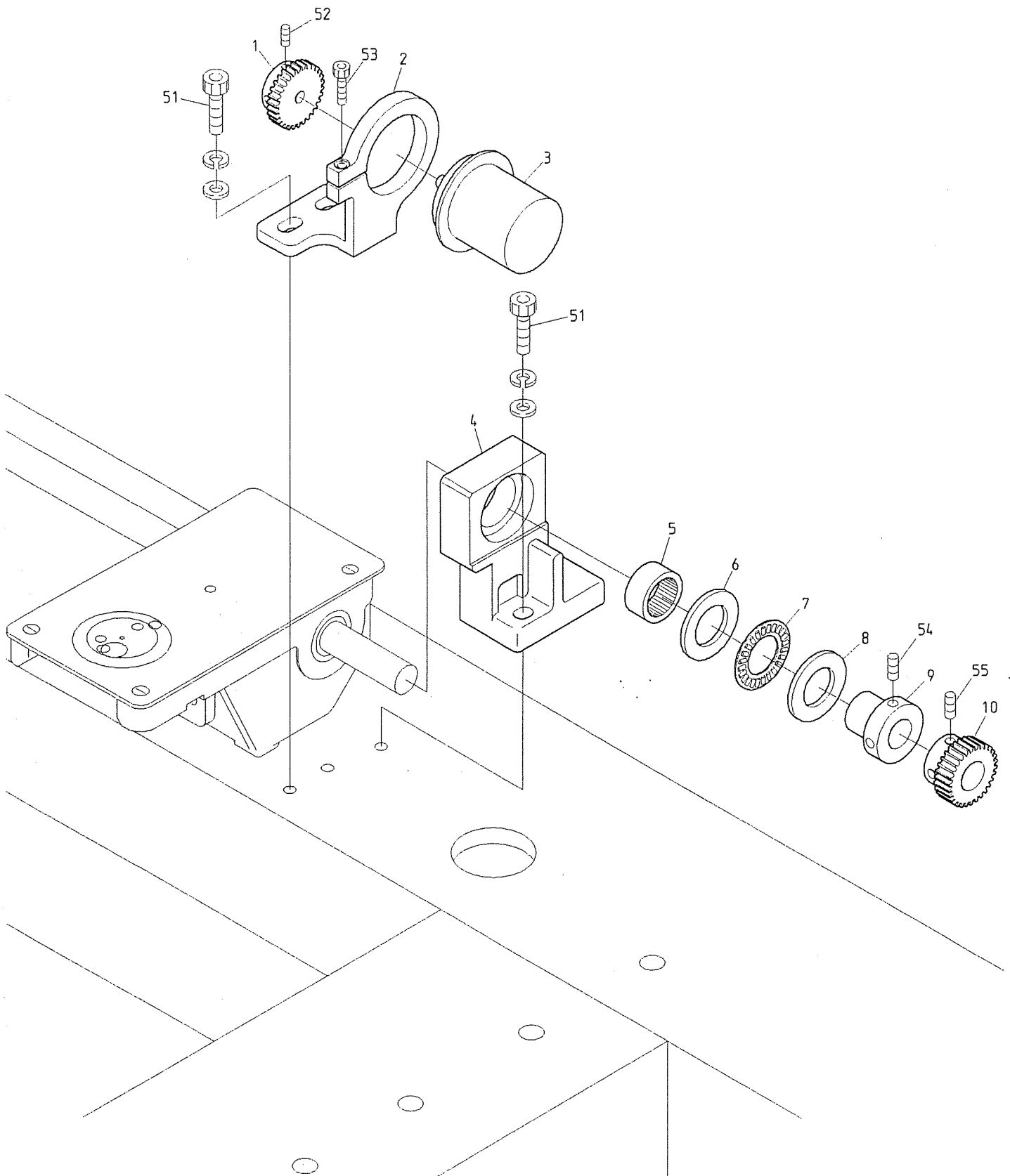
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BEDSH-YN/YS-BS

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01B Head・Bed B
 ヘッド・ベッドB

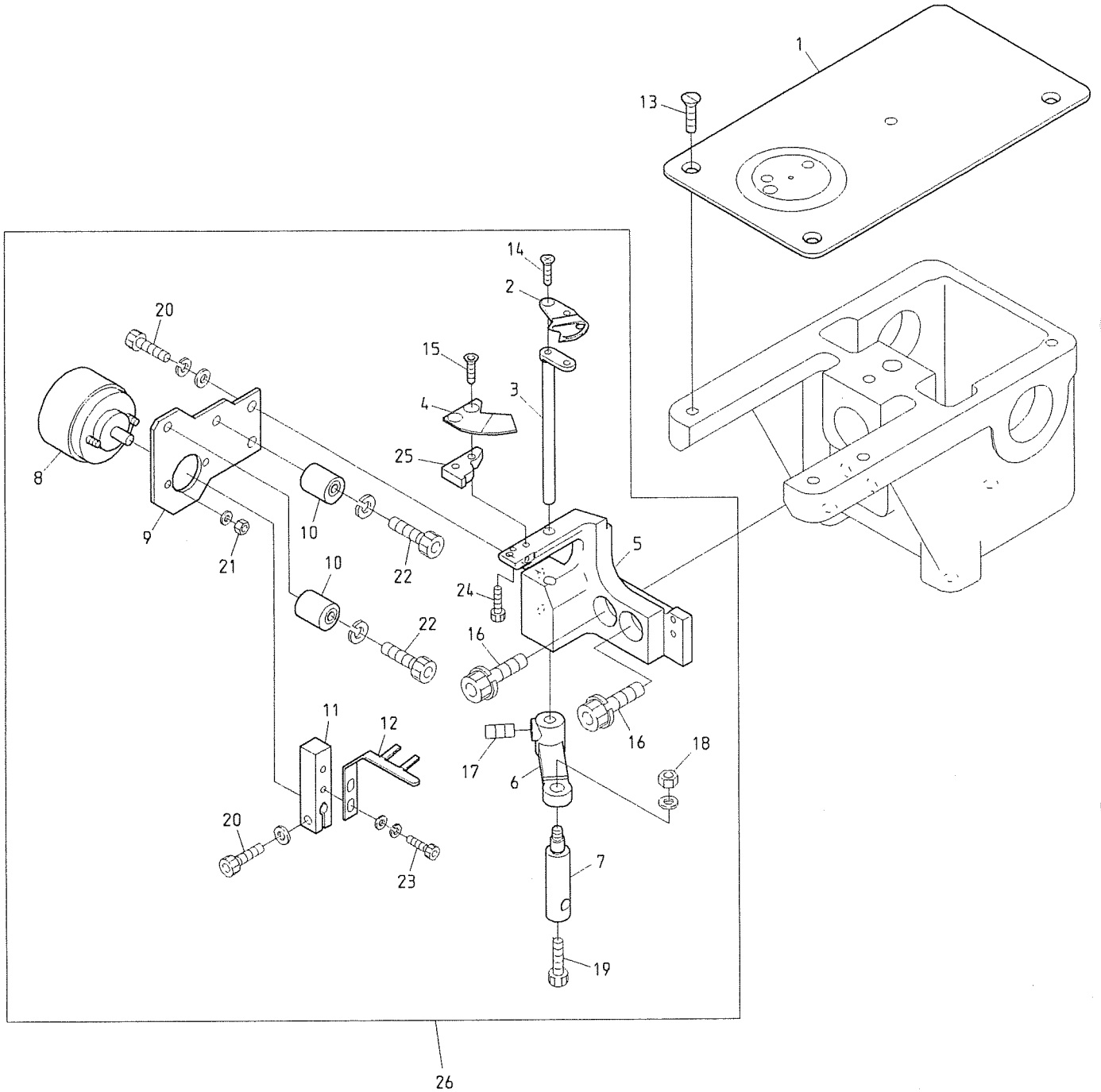


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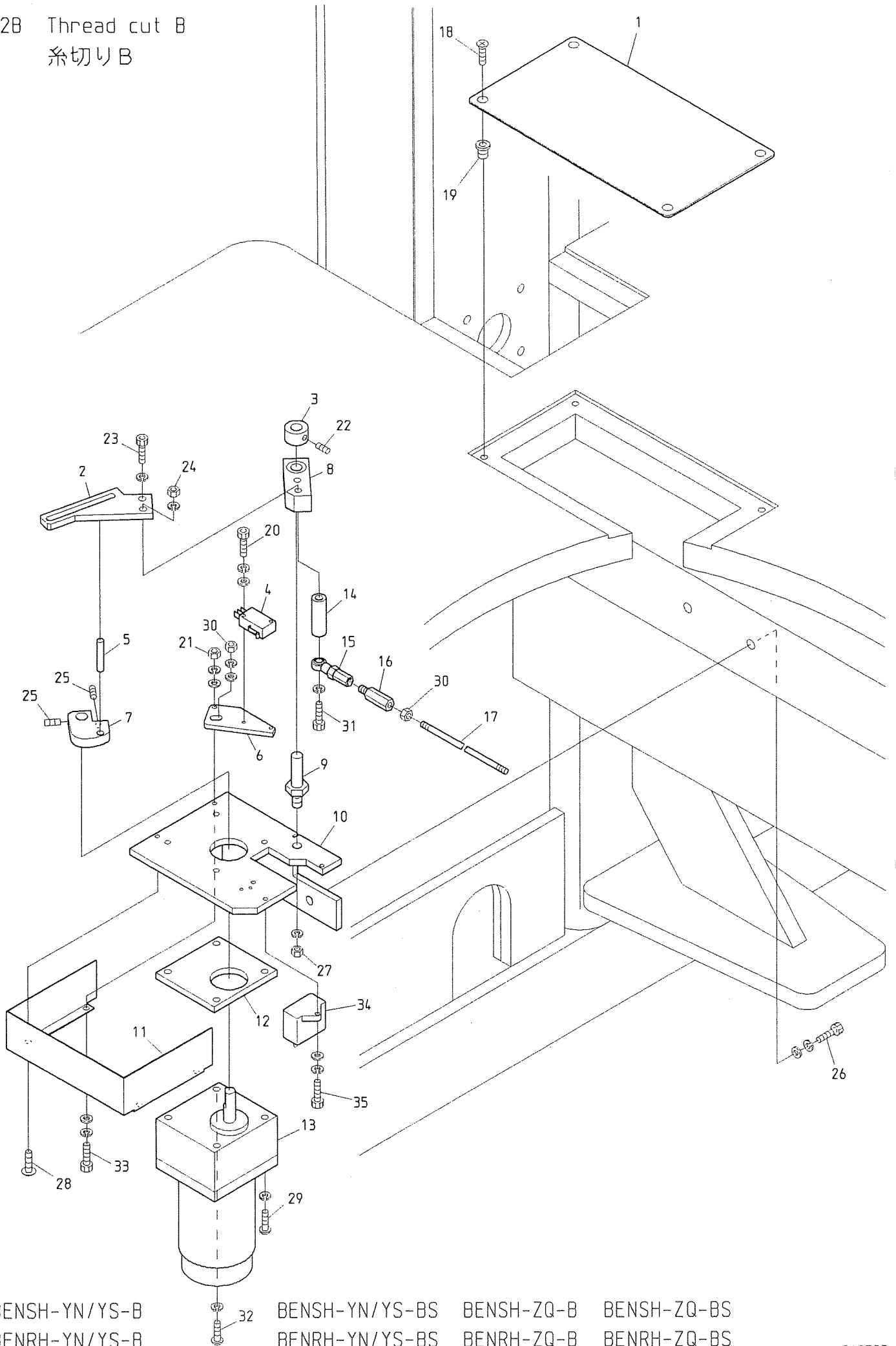
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02A Thread cut A
糸切りA



02B Thread cut B
糸切りB



BENSH-YN/YS-B
BENRH-YN/YS-B

BENSH-YN/YS-BS
BENRH-YN/YS-BS

BENSH-ZQ-B
BENRH-ZQ-B

BENSH-ZQ-BS
BENRH-ZQ-BS

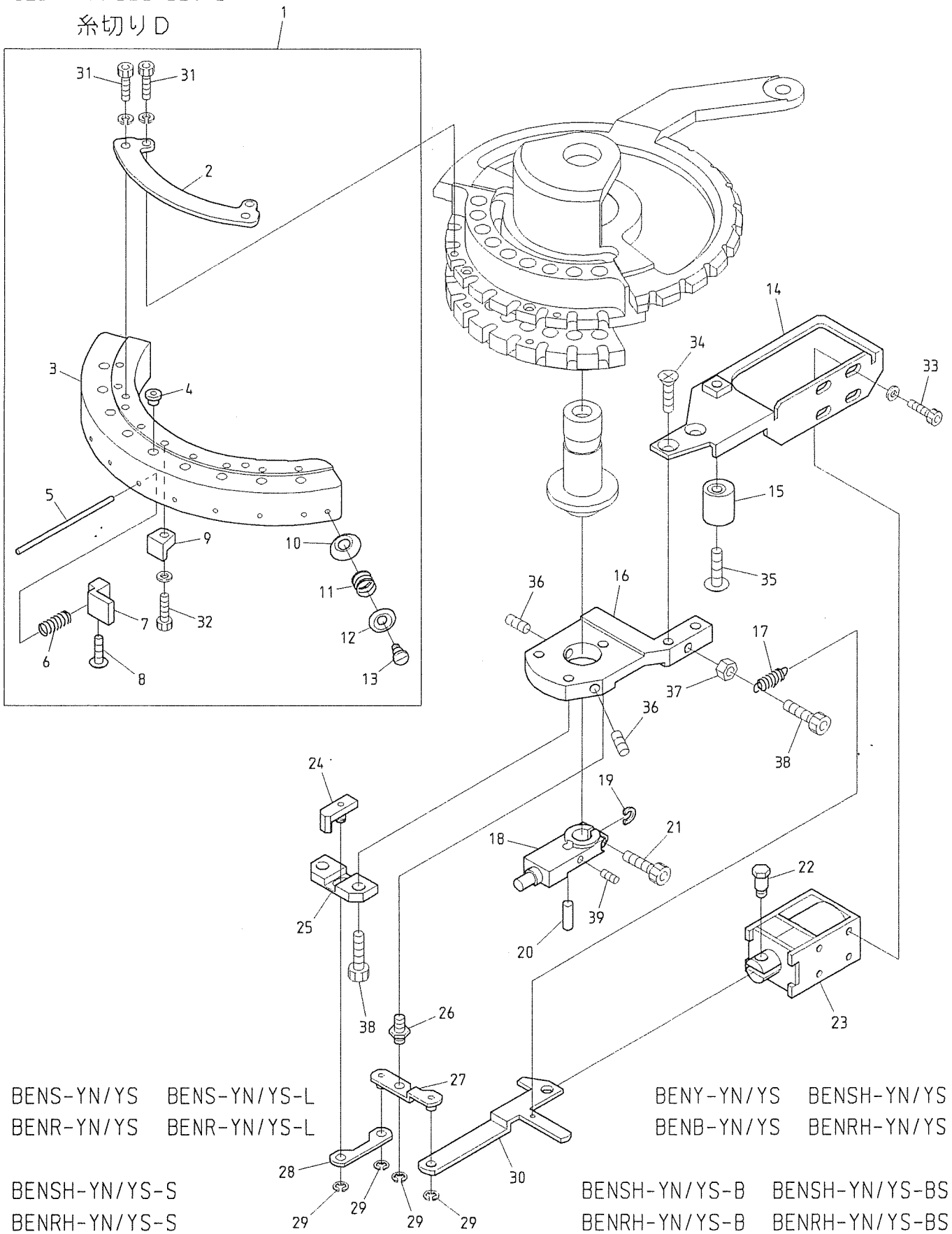
O 2 B Thread cut B

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	KC330180	Collar φ10	カラー φ10	1	
4	A9052005	Micro switch (V-01L2255)	マイクロスイッチ (V-01L2255)	1	
5	KN272350	Drive pin φ6 (L=35)	駆動ピン φ6 (L=35)	1	
6	HV270280	LS bracket	LSブラケット	1	
7	HV270350	Drive cam (MK6R2)	駆動カム (MK6R2)	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	HV270240	Motor bracket	モーターブラケット	1	
11	HV270220	Motor bracket cover	モーターブラケットカバー	1	Except for DSH DSH除く
	RR270010	Motor bracket cover (Mk6) DS	モーターブラケットカバー (Mk6) DS	1	DSH
12	KN271720	Motor spacer	モータースペーサー	1	
13	A9065074	Reversible motor (RM-H7A15 PMP-U) (7RH1-D25×302)	リバーシブルモーター (RM-H7A15 PMP-U) (7RH1-D25×302)	1	
14	RJ270010	Drive lever collar	駆動レバーカラー	1	
15	A9012002	Uniball joint (PR-6)	ユニボールジョイント (PR-6)	1	
16	HH330760	Hex. connecting bar	六角連結棒	1	
17	KC330410	Lock connecting rod (2M)	ロック連結ロッド (2M)	2	
18		Flush screw M4×8 (Undercut)	十字穴付皿小ネジ M4×8 (アンダーカット)		
19		Rag nut (C) M4	鬼目ナット (C) M4		
20		Hex. socket bolt M3×15	六角穴付ボルト M3×15		
21		Hex. nut M4 (With washers)	六角ナット M4 (平座金 パネ座金付)		
22		Hex. socket set screw M5×6	六角穴付止めネジ M5×6		
23		Hex. socket bolt M6×15	六角穴付ボルト M6×15		
24		Hex. nut M6	六角ナット M6		
25		Hex. socket set screw M5×8	六角穴付止めネジ M5×8		
26		Hex. socket bolt M8×25	六角穴付ボルト M8×25		
27		Hex. nut M8	六角ナット M8		
28		Truss screw M4×6	十字穴付トラス小ネジ M4×6		
29		Pan screw M5×65	十字穴付なべ小ネジ M5×65		
30		Hex. nut M5	六角ナット M5		
31		Hex. socket bolt M6×75	六角穴付ボルト M6×75		
32		Pan screw M5×75	十字穴付なべ小ネジ M5×75		
33		Hex. socket bolt M4×18	六角穴付ボルト M4×18		
34	A9054043	Condenser (SH-M, 5MF-U, 200V AC)	コンデンサー (SH-M, 5MF-U, 200V AC)	1	
35		Hex. socket bolt M4×10 (With washers)	六角穴付ボルト M4×10 (平座金 パネ座金付)		

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020 Thread cut D
糸切りD

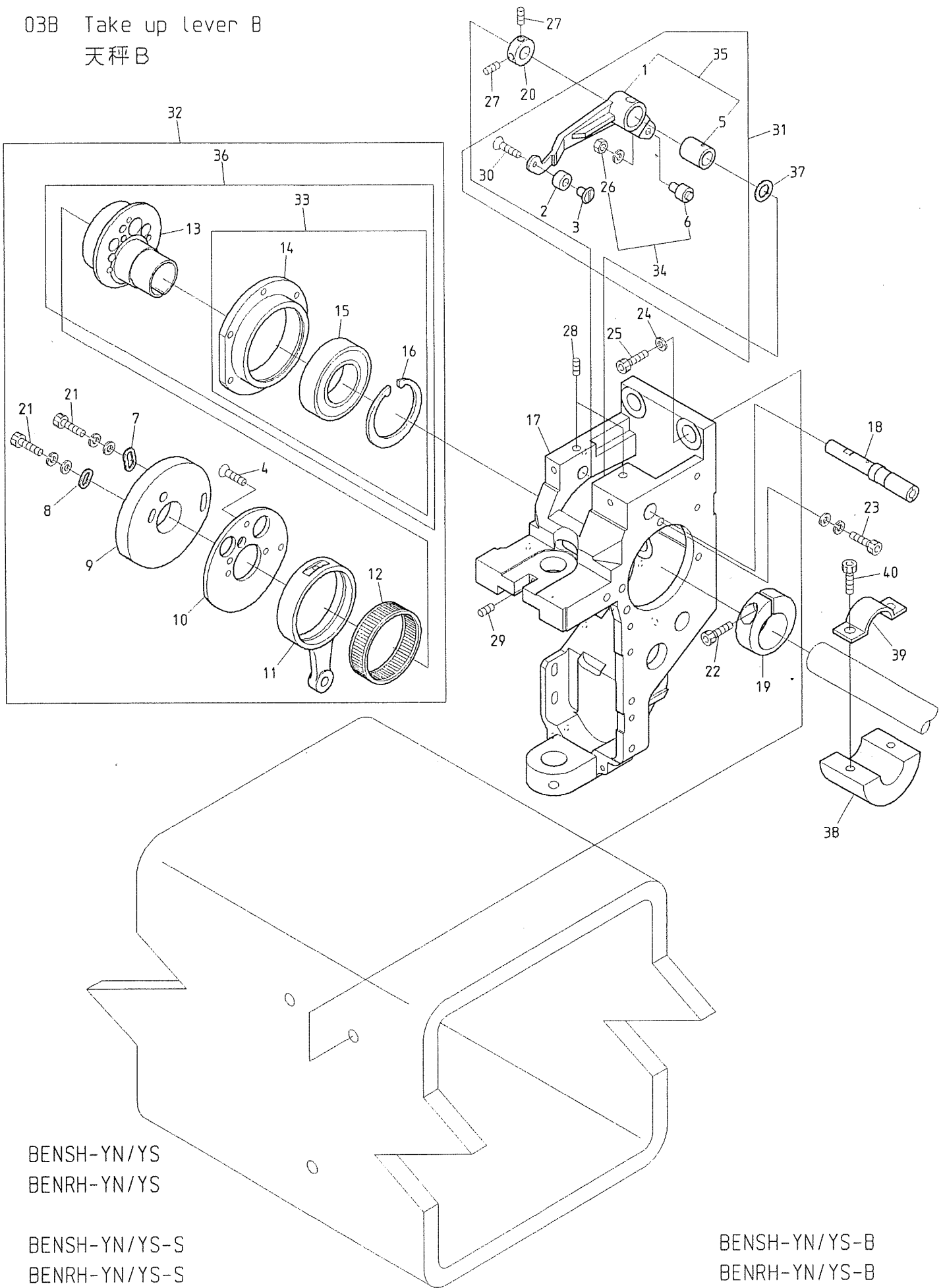


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糸切りD

ITEM	LIST No.	DESCRIPTION	部品名	Q' TY	NOTE
1	HT 2 7 0 0 3 0	Thread support apron a' ssy(YN)	糸保持エプロンa' ssy(YN)	H×1	YN
	HT 2 7 0 1 4 0	Thread support apron a' ssy(YS-2)	糸保持エプロンa' ssy(YS-2)	H×1	YS
2	HT 2 7 0 0 1 0	Thread support apron fixing stay	糸保持エプロン取付ステー	H×1	
3	HT 2 7 0 0 0 1	Thread support apron(YN)	糸保持エプロン(YN)	H×1	YN
	HT 2 7 0 1 5 0	Thread support apron(YS-2)	糸保持エプロン(YS-2)	H×1	YS
4	KF 2 3 0 5 8 2	Thread way guide(For thread support apron)	糸道ガイド(糸保持エプロン用)		YN...H×9, YS...H×7
5	HT 2 7 0 0 4 0	Thread support shaft	糸保持軸		YN...H×9, YS...H×7
6	KC 2 7 0 2 7 1	Support spring	保持バネ		YN...H×9, YS...H×7
7	HT 2 7 0 0 2 1	Thread support clamp	糸保持クランプ		YN...H×9, YS...H×7
8	HT 2 7 0 0 6 3	Thread support clamp set screw(YN)	糸保持クランプ止めネジ(YN)		YN...H×9, YS...H×7
9	KC 2 7 0 2 9 2	Thread support block	糸保持ブロック		YN...H×9, YS...H×7
10	KF 2 5 0 2 2 0	Thread guard disk	糸カケ皿	H×2	
11	KF 2 5 0 2 4 1	Thread hook support spring	糸止めバネ	H×2	
12	KF 2 5 0 2 3 1	Thread guard spring pressure	糸カケバネ押エ	H×2	
13	KF 2 5 0 2 5 0	Thread hook support shaft screw	糸止め軸ネジ	H×2	
14	KL 2 7 0 0 7 0	Solenoid stay	ソレノイドステー	H×1	
15	KN 2 7 2 4 0 1	Stopper eccentric	ストッパーエキセン	H×1	
16	KL 2 7 0 0 0 0	Fixing base	取付ベース	H×1	
17	KL 2 7 0 5 2 0	Return spring	リターンスプリング	H×1	
18	HT 2 3 0 3 6 1	Drive shaft fixing plate	駆動軸固定プレート	H×1	
19	HT 2 3 0 8 3 0	Washer for drive shaft fixing plate	駆動軸固定プレート用ワッシャー	H×1	
20	HT 2 3 0 3 5 0	Thread guard disk fixing pin	糸掛皿固定ピン	H×1	
21	HT 2 3 0 6 4 0	Drive shaft fixing clamp bolt	駆動軸固定締めボルト	H×1	
22	KC 2 7 0 1 0 1	Solenoid pin	ソレノイドピン	H×1	
23	A 9 0 5 6 0 3 7	Keep solenoid TDS-K10SL(With cover)	キープソレノイド TDS-K10SL(カバーつき)	H×1	
24	HT 2 7 0 1 2 0	Thread support slider	糸保持スライダ	H×1	
25	HT 2 7 0 1 0 0	Slide base	スライドベース	H×1	
26	KL 2 7 0 0 4 0	Lever rotary shaft	レバー回転軸	H×1	
27	HT 2 7 0 0 9 0	Solenoid lever	ソレノイドレバー	H×1	
28	HT 2 7 0 0 8 0	Drive plate	駆動プレート	H×1	
29	A 9 0 1 2 1 2 7	E-ring φ3	E型止め輪 φ3	H×4	
30	KL 2 7 0 0 6 0	Lever connecting plate	レバー連結プレート	H×1	
31		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)		
32		Hex. socket bolt M3×10(With plain washer)	六角穴付ボルト M3×10(平座金付)		
33		Hex. socket bolt M3×6	六角穴付ボルト M3×6		
34		Flush screw M4×8	十字穴付皿小ネジ M4×8		
35		Truss screw M4×16	十字穴付トラス小ネジ M4×16		
36		Hex. socket set screw M4×8	六角穴付止めネジ M4×8		
37		Hex. nut M4	六角ナット M4		
38		Hex. socket bolt M4×8	六角穴付ボルト M4×8		
39		Set screw M3×5	セットネジ M3×5		

03B Take up lever B
 天秤B



BENSH-YN/YS
 BENRH-YN/YS

BENSH-YN/YS-S
 BENRH-YN/YS-S

BENSH-YN/YS-B
 BENRH-YN/YS-B

BENSH-YN/YS-BS
 BENRH-YN/YS-BS

BENSH-YN-KS
 BENRH-YN-KS

BEDSH-YN/YS-BS

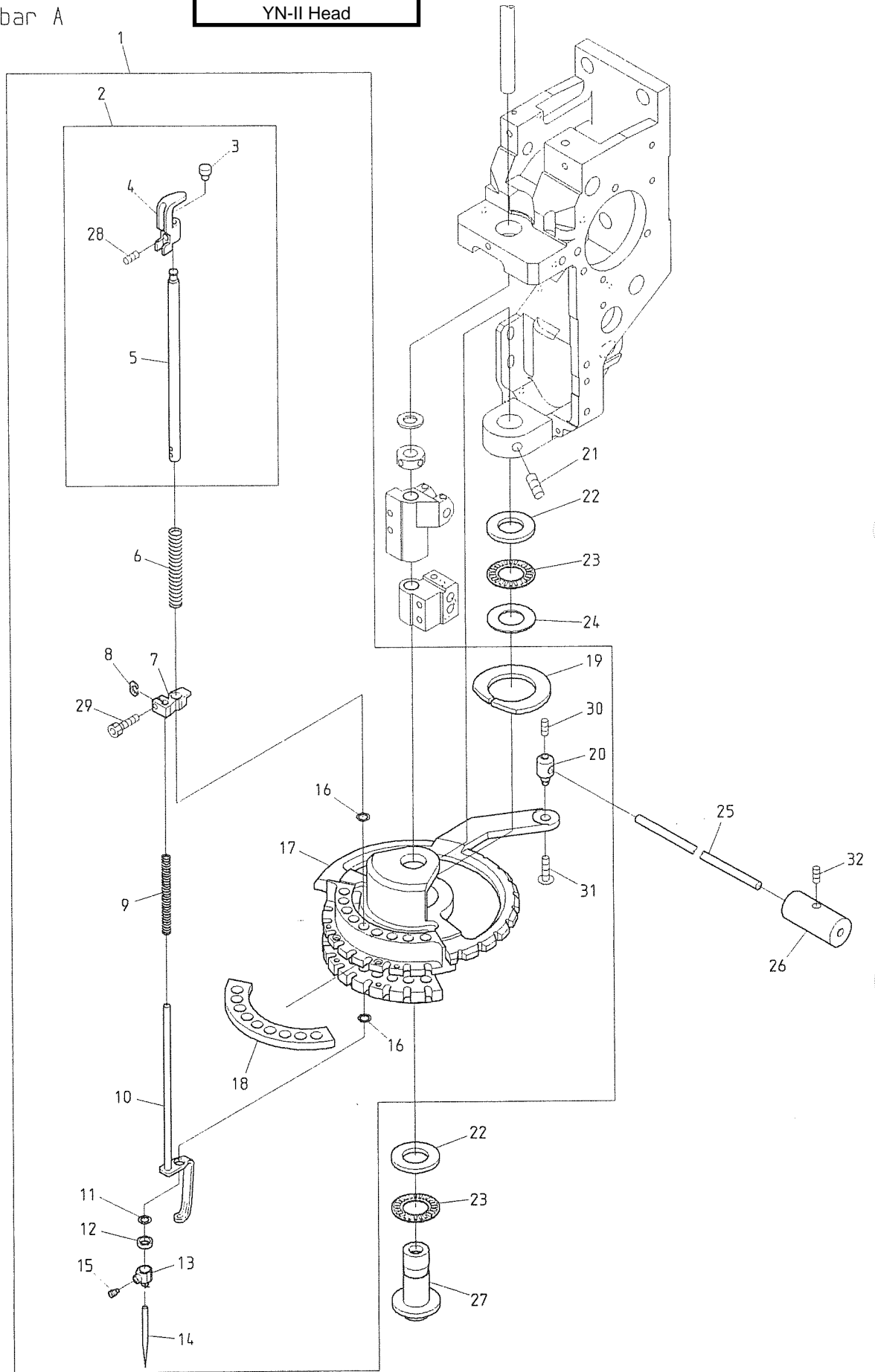
BENYH-YN
 BENBH-YN

BENYH-YN-C

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	RR230000	Take up lever driving roller	天秤駆動コロ	H×1	
3	HT230100	Take up lever driving roller shaft(YN)	天秤駆動コロ軸(YN)	H×1	
4	HB230620	Flush screw	十字穴付皿小ネジ(浸炭焼入)	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	HB230080	Washer for cam(2)	カム用ワッシャー(2)	H×1	
8	HB230070	Washer for cam(1)	カム用ワッシャー(1)	H×1	
9	RH230290	Take up lever cam H6 φ20	天秤カム H6 φ20	H×1	Small bobbin 小釜
	RN230070	Take up lever cam J1B φ20	天秤カム J1B 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	RN230020	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型止め輪穴用 φ47	H×1	
17	RN210011	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	RH230330	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	六角穴付ボルト M4×8		
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)	六角ナット M4 (接着剤付, バネ座金付)		
27		Hex. socket set screw M4×4(With adhesion)	六角穴付止めネジ M4×4(接着剤付)	H×1	
28		Hex. socket set screw M5×10	六角穴付止めネジ M5×10		
29		Hex. socket set screw M4×8	六角穴付止めネジ M4×8		
30	HB230650	Flush screw(With adhesion)	十字穴付皿小ネジ(接着剤付)	H×1	
31	RR230040	Take up lever driving lever a'ssy	天秤駆動レバーa'ssy	H×1	
32	RN230000	Take up lever·Needle bar drive a'ssy	天秤・針棒駆動a'ssy	H×1	Small bobbin 小釜
	RN230060	Take up lever·Needle bar drive a'ssy	天秤・針棒駆動a'ssy	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	RR320020	Balancer for φ20 shaft	バランサー φ20軸用	H-2	DSH, NSH/NRH-KS only DSH, NSH/NRH-KS専用
39	RR320030	Balancer set plate(For φ20 shaft)	バランサー止め金具(φ20軸用)	H-2	DSH, NSH/NRH-KS only DSH, NSH/NRH-KS専用
40		Hex. socket bolt M5×15	六角穴付ボルト M5×15		DSH, NSH/NRH-KS only DSH, NSH/NRH-KS専用

04A Needle bar A
針棒 A

YN-II Head



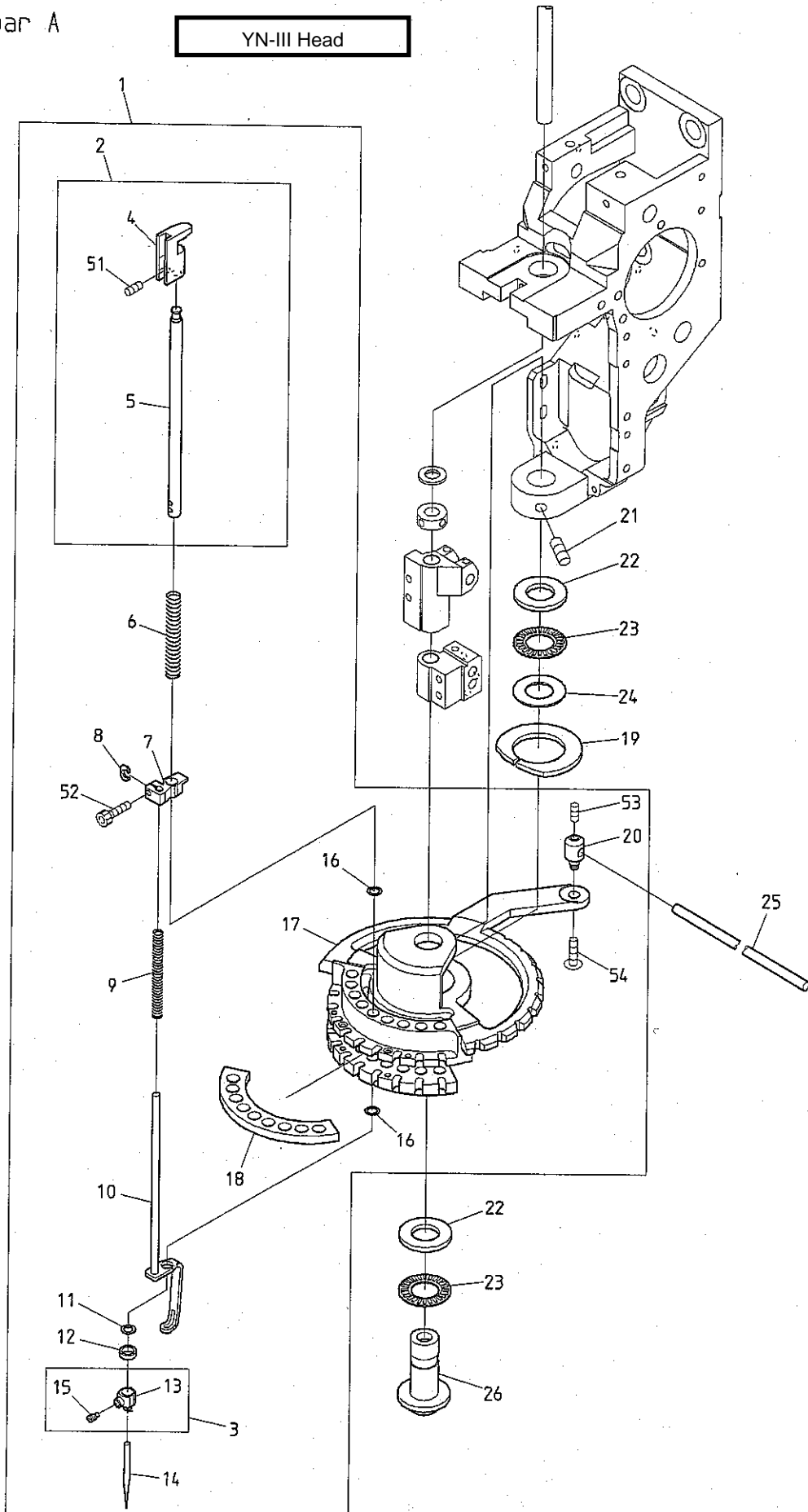
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 BENRH-YN/YS BENRH-YN/YS-S BENRH-YN/YS-B BENRH-YN/YS-BS BENBH-YN

BENYH-YN-C BENSHE-YN/YS BENYHE-YN BENYHE-YN-B
 BENRHE-YN/YS BENBHE-YN BENBHE-YN-B

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04A Needle bar A
針棒A

YN-III Head

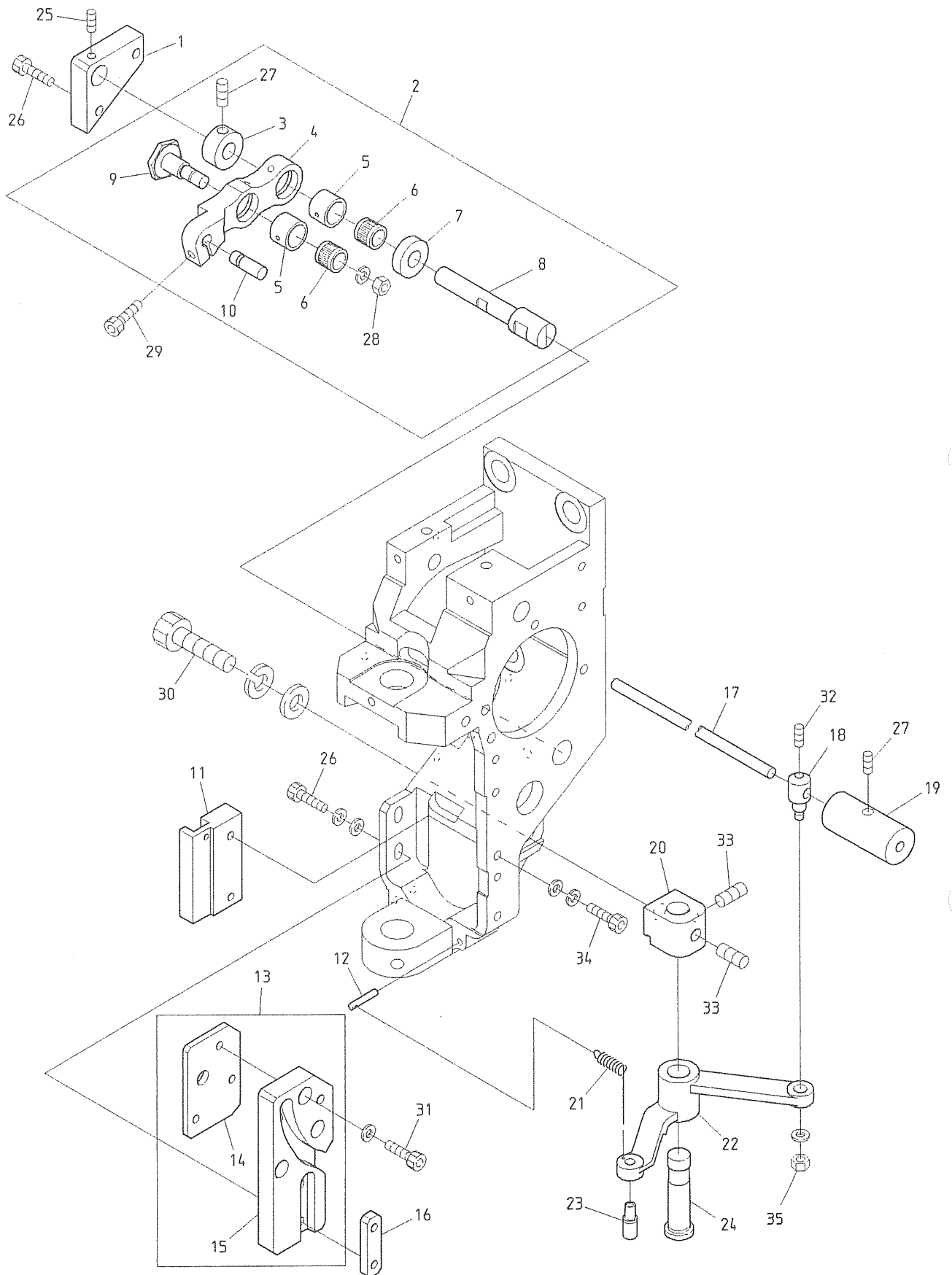


BEDSH-YN/YS-BS BEDXH-YN/YS-B BEDXH-YN/YS-M
BEDRH-YN/YS-BS

BEDSH-SAY8-12 BEDYH-YN BEDYH-YN-C BEDYH-YN-6(BN) BEDYHE-YN-C

04C Needle bar C

針棒C

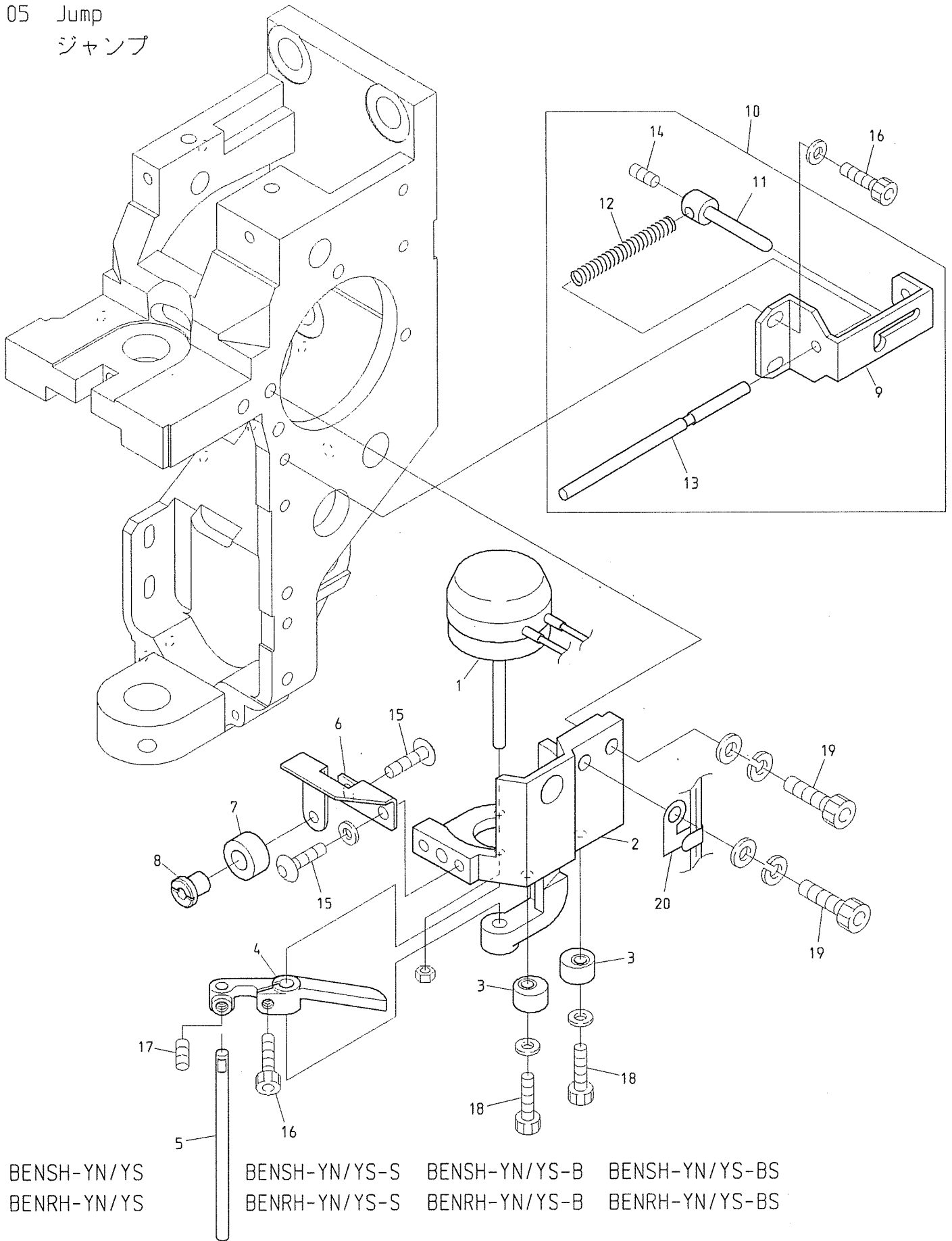


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BENSH-YN/YS BENSH-YN/YS-S BENSH-YN/YS-B BENSH-YN/YS-BS BENYH-YN
 BENRH-YN/YS BENRH-YN/YS-S BENRH-YN/YS-B BENRH-YN/YS-BS BENBH-YN

BENYH-YN-C BENSHE-YN/YS BENYHE-YN BENYHE-YN-B
 BENRHE-YN/YS BENBHE-YN BENBHE-YN-B

05 Jump
ジャンプ



BENSH-YN/YS
BENRH-YN/YS

BENSH-YN/YS-S
BENRH-YN/YS-S

BENSH-YN/YS-B
BENRH-YN/YS-B

BENSH-YN/YS-BS
BENRH-YN/YS-BS

BENSH-YN-KS
BENRH-YN-KS

BEDSH-YN/YS-BS

BENYH-YN
BENBH-YN

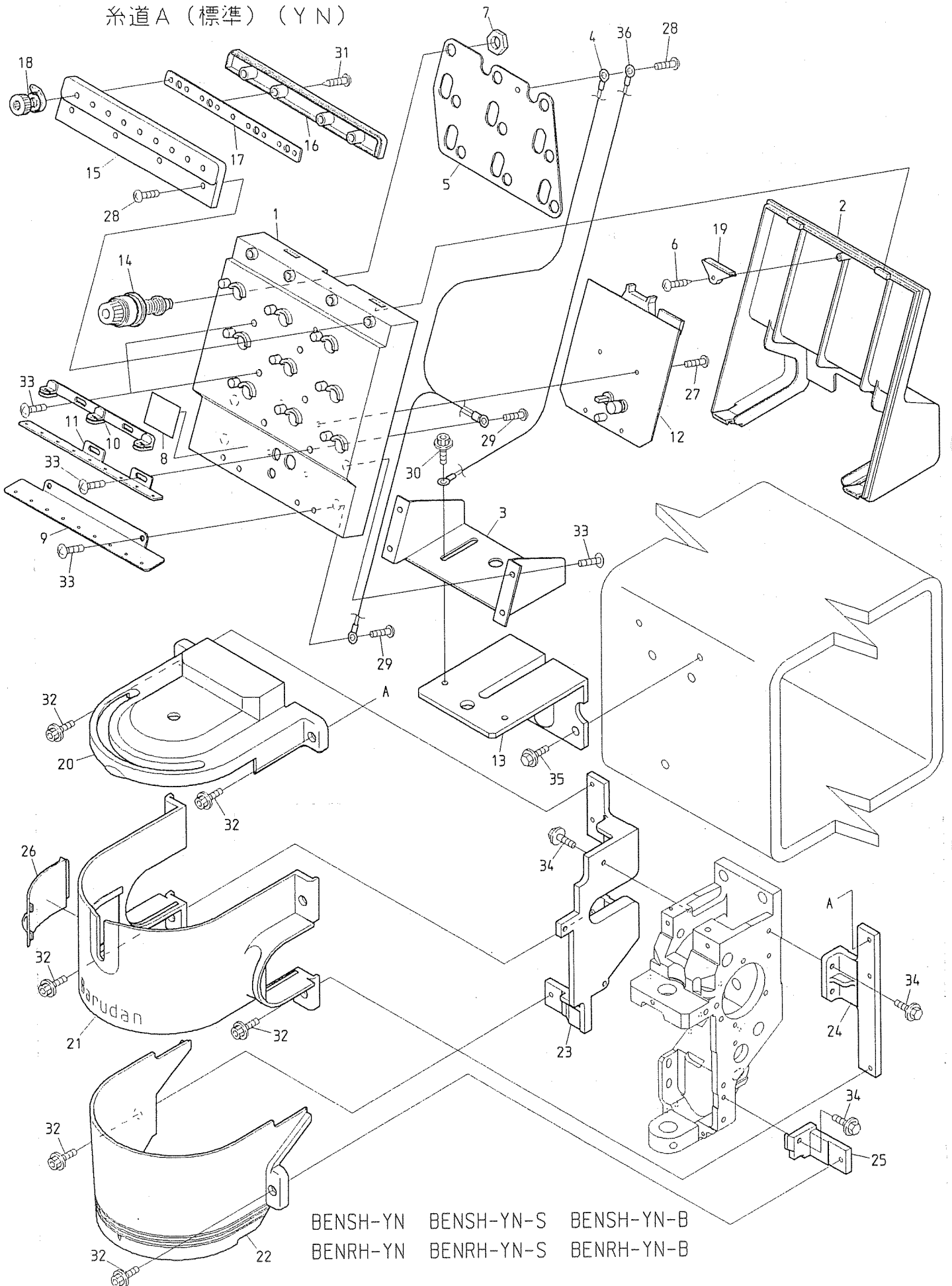
BENYH-YN-C

BENSHE-YN/YS
BENRHE-YN/YS

BENYHE-YN BENYHE-YN-B
BENBHE-YN BENBHE-YN-B

06A-1 Thread guide A (Standard)(YN)

糸道A (標準) (YN)

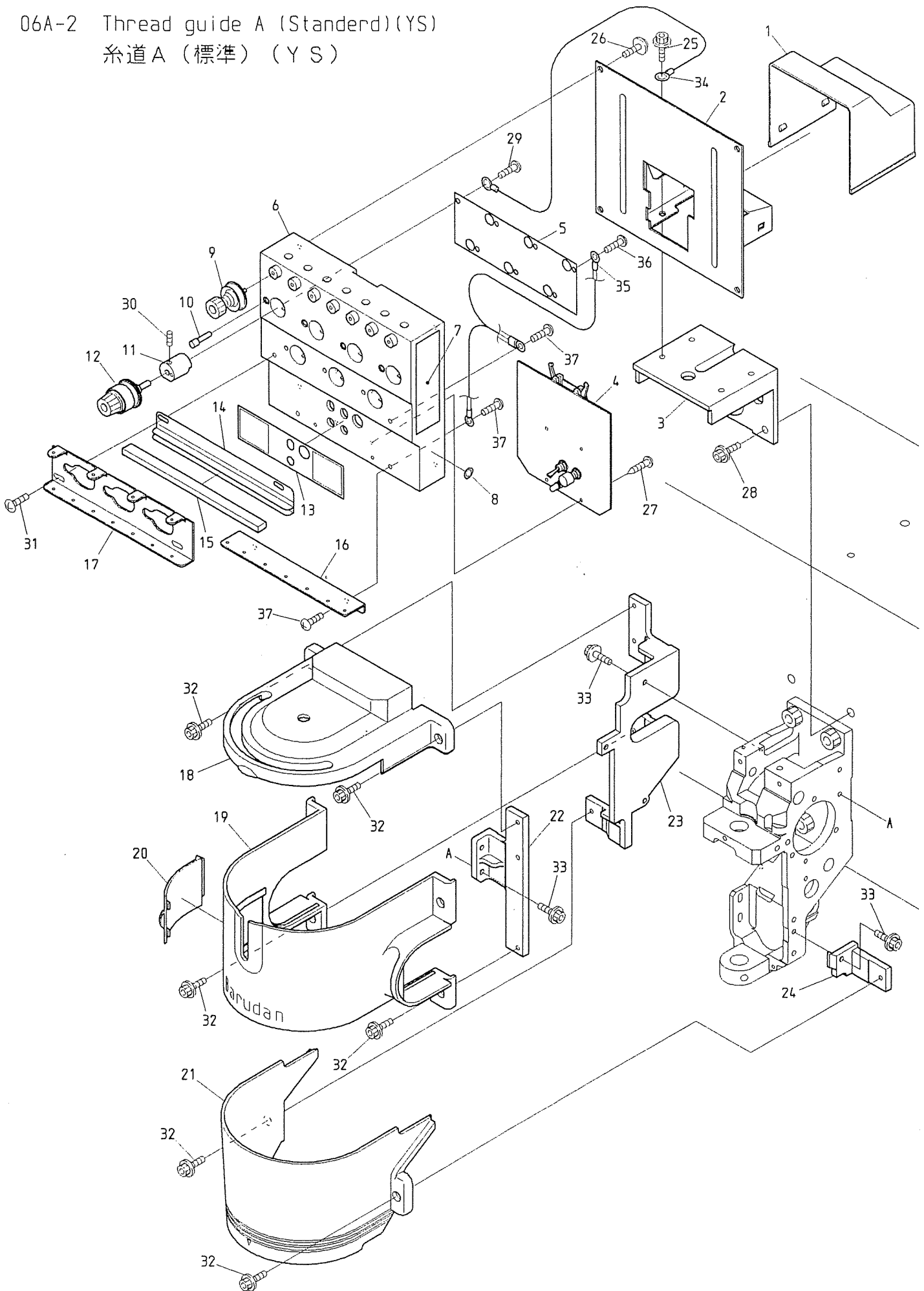


From the library of: Diamond Needle Corp

BENSH-YN BENSH-YN-S BENSH-YN-B
 BENRH-YN BENRH-YN-S BENRH-YN-B

BENSH-YN-BS BENYH-YN BENYH-YN-C BENSHE-YN BENYHE-YN BENYHE-YN-B
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06A-2 Thread guide A (Standard)(YS)
糸道A (標準) (YS)

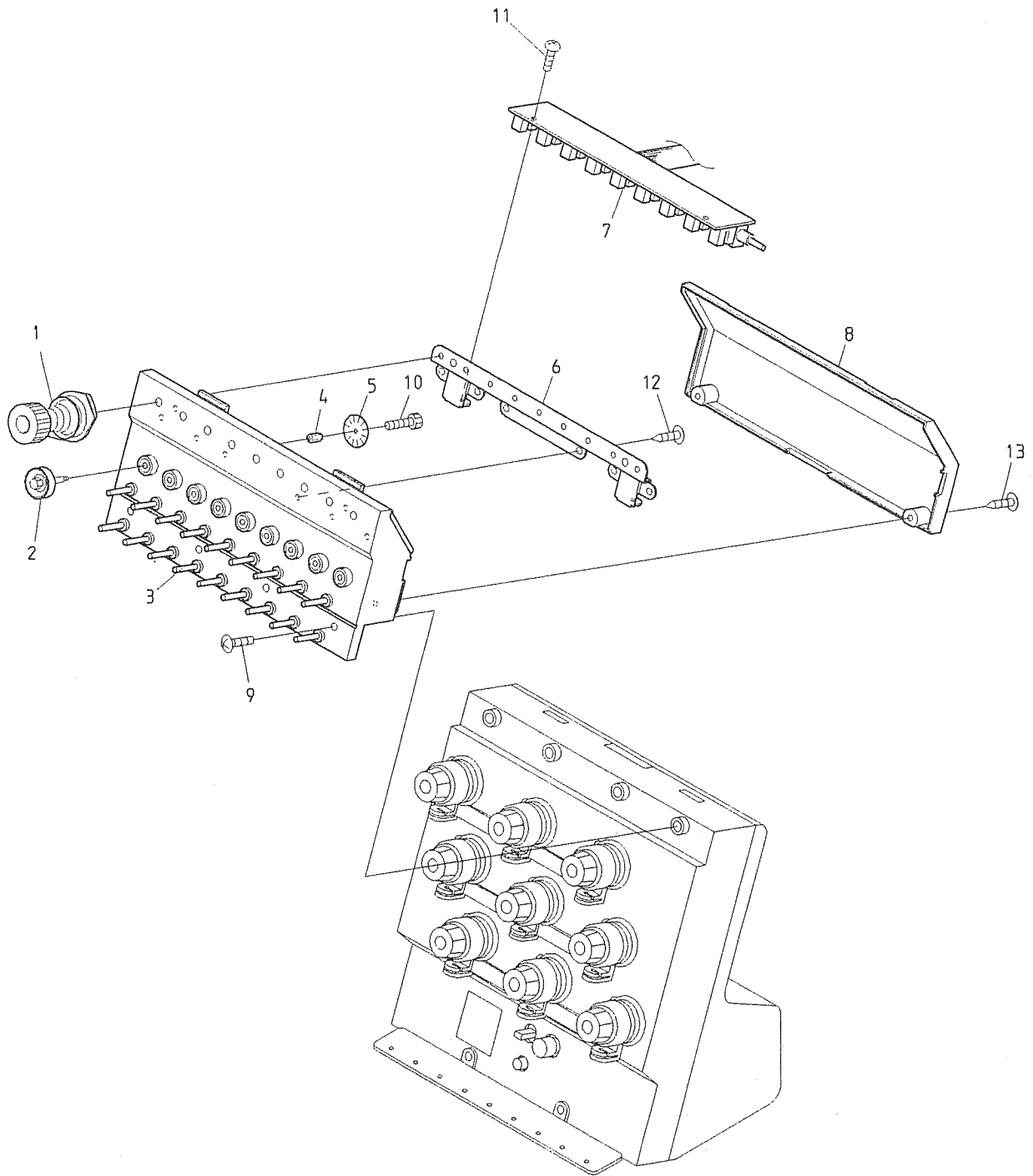


From the library of: Diamond Needle Corp

BENSH-YS BENSH-YS-S BENSH-YS-B BENSH-YS-BS BENSHE-YS
 BENRH-YS BENRH-YS-S BENRH-YS-B BENRH-YS-BS BENRHE-YS

06B-1 Thread guide B (Lower thread sensorium)(YN)

糸道B (下糸検知) (YN)



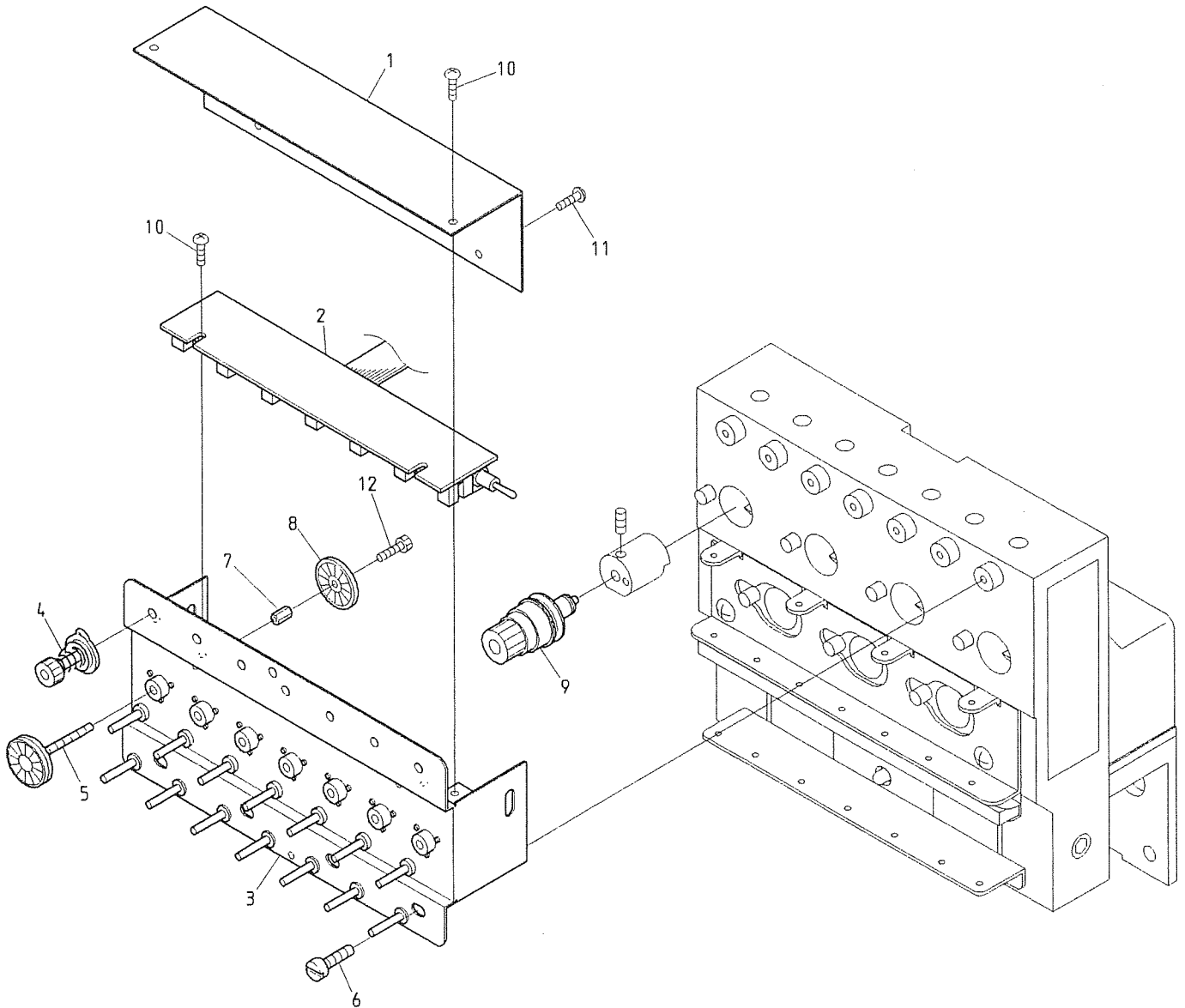
From the library of: Diamond Needle Corp

BENS-YN BENS-YN-L
 BENR-YN BENR-YN-L

BENY-YN BENSME-ZN BENYME-ZN BENT-ZN BENSH-YN BENSH-YN-S BENSH-YN-B
 BENB-YN BENRME-ZN BENBME-ZN BENRH-YN BENRH-YN-S BENRH-YN-B

BENSH-YN-BS BENYH-YN BENYH-YN-C BENSHE-YN BENYHE-YN BENYHE-YN-B
 BENRH-YN-BS BENBH-YN BENRHE-YN BENBHE-YN BENBHE-YN-B

06B-2 Thread guide B (Lower thread sensorium)(YS)
糸道B (下糸検知) (YS)

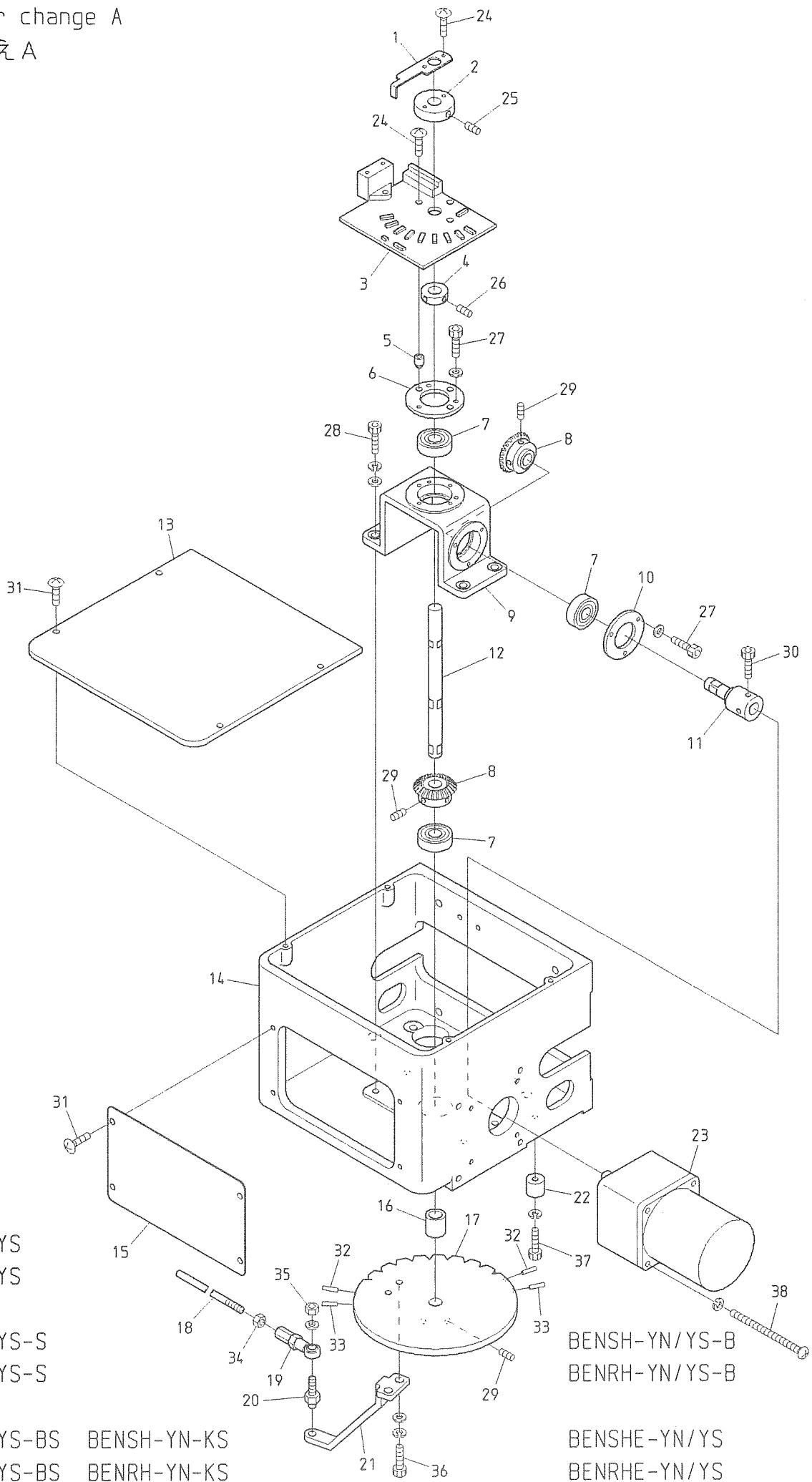


From the library of: Diamond Needle Corp

BENS-YS BENS-YS-L
BENR-YS BENR-YS-L

BENY-YS BENSH-YS BENSH-YS-S BENSH-YS-B BENSH-YS-BS BENSHE-YS
BENB-YS BENRH-YS BENRH-YS-S BENRH-YS-B BENRH-YS-BS BENRHE-YS

07A Color change A
色換え A



BENSH-YN/YS
BENRH-YN/YS

BENSH-YN/YS-S
BENRH-YN/YS-S

BENSH-YN/YS-BS BENSH-YN-KS
BENRH-YN/YS-BS BENRH-YN-KS

BENSH-YN/YS-B
BENRH-YN/YS-B

BENSHE-YN/YS
BENRHE-YN/YS

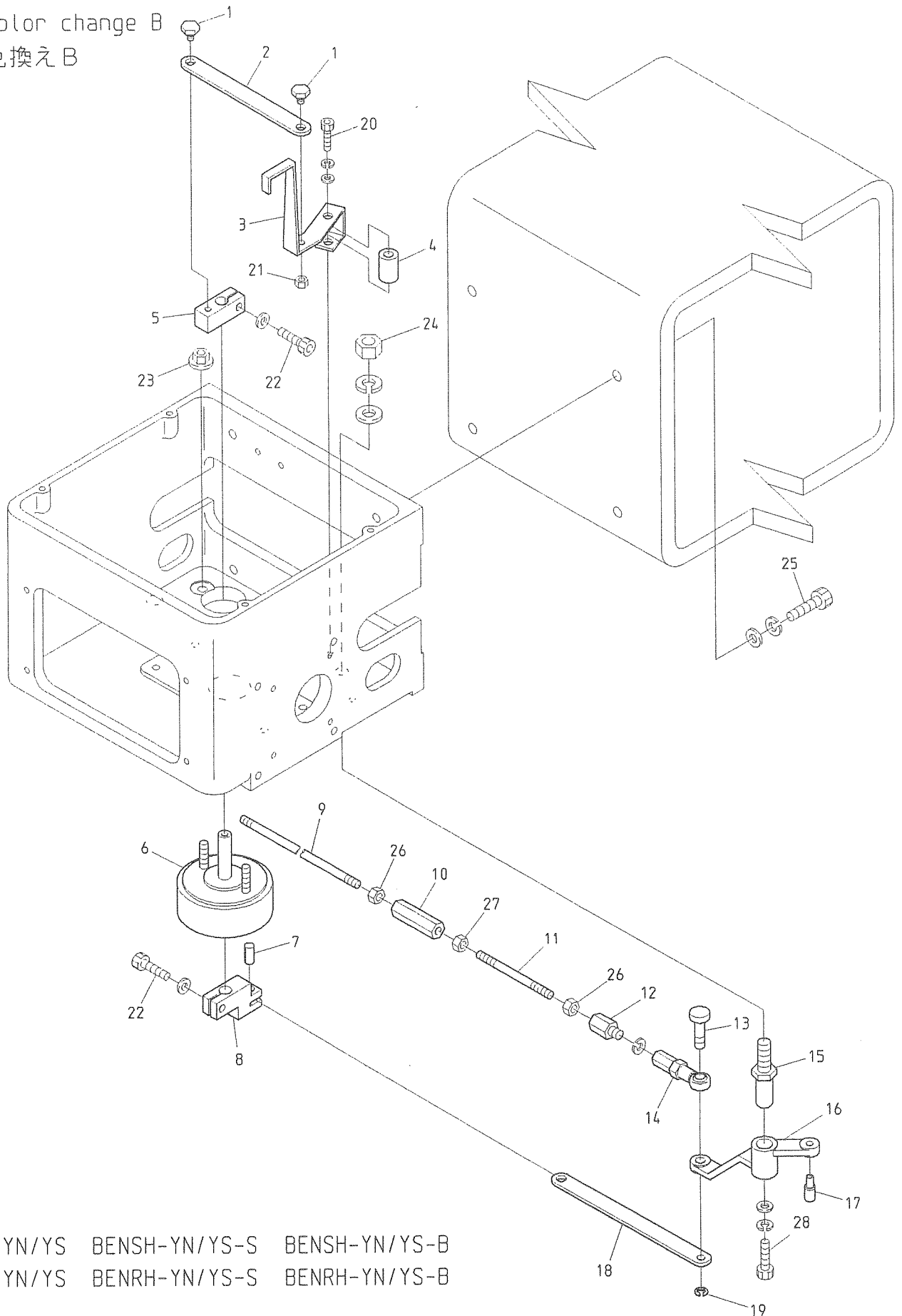
O 7 A Color change A

色換えA

ITEM	LIST No.	DESCRIPTION	部品名	Q'TY	NOTE
1	KC330280	Needle bar detection plate	針棒検出プレート	1	
2	KC330170	Detection plate collar	検出プレートカラー	1	
3	EBY01120	3760 needle positioner	3760 ニードルポジショナー	1	
4	HB330221	Set collar	セットカラー	1	
5	HB330211	Needle board spacer	ニードル基板スペーサー	3	
6	HB330200	Bearing hold(2)	ベアリング押え(2)	1	
7	A9010001	Bearing(6000ZZ)	ベアリング(6000ZZ)	3	
8	HB330130	Miter bevel gear	マイターベベルギヤー	2	
9	HB330020	Turning drive base	旋回駆動ベース	1	
10	HB330190	Bearing hold(1)	ベアリング押え(1)	1	
11	HB330170	Geared mortar shaft(For 6RH-180)	ギヤードモーターシャフト(6RH-180用)	1	Less than 24 heads 24頭未満
	HB330160	Geared mortar shaft(For 8RH-180)	ギヤードモーターシャフト(8RH-180用)	1	24 heads min. 24頭以上
12	HB330111	Needle turning shaft	ニードルターニングシャフト	1	
13	HB330140	Turning control box upper cover	旋回コントロールボックス上面カバー	1	
14	HB330010	Turning control box	旋回コントロールボックス	1	
15	HB330150	Turning control box front cover	旋回コントロールボックス正面カバー	1	
16	HB330120	Rotary plate position decision collar	回転板位置決めカラー	1	
17	HT330001	Control turning plate	コントロールターニングプレート	1	
18	KC330310300	Rotary plate connecting rod(L=250)	回転板連結ロッド(L=250)	1	
19	A9012001	Uniball joint(RD4020R)	ユニボールジョイント(RD4020R)	1	
20	HP331660	Rotary plate joint pin	回転板ジョイントピン	1	
21	HB330040	Turning rotary plate lever	旋回回転板レバー	1	
22	HH330670	Stopper eccentric	ストッパーエキセン	1	
23	HH330810	Color change motor(RM-F6A5PC1-AS-180)	カラーチェンジモータ(RM-F6A5PC1-AS-180)	1	Less than 24 heads 24頭未満
	HB330180	Color change motor(RM-F6A10PC1R096)	カラーチェンジモータ(RM-F6A10PC1R096)	1	24 heads min. 24頭以上
24		Truss screw M3×20	十字穴付トラス小ネジ M3×20		
25		Hex. socket set screw M5×10	六角穴付止メネジ M5×10		
26		Hex. socket set screw M4×5	六角穴付止メネジ M4×5		
27		Hex. socket bolt M3×12(With plain washer)	六角穴付ボルト M3×12(平座金付)		
28		Hex. socket bolt M5×18(With washers)	六角穴付ボルト M5×18(平座金 パネ座金付)		
29		Hex. socket set screw M5×8(with adhesion)	六角穴付止メネジ M5×8(接着剤付)		
30		Hex. socket bolt M4×8	六角穴付ボルト M4×8		
31		Truss screw M4×8	十字穴付トラス小ネジ M4×8		
32		Spring pin φ3×12	スプリングピン φ3×12	2	YS only YS専用
33		Spring pin φ3×12	スプリングピン φ3×12	2	YN only YN専用
34		Hex. nut M5	六角ナット M5		
35		Hex. nut M4	六角ナット M4		
36		Hex. socket bolt M5×15	六角穴付ボルト M5×15		
37		Hex. socket bolt M4×25	六角穴付ボルト M4×25		
38		Pan screw M4×60	十字穴付ナベ小ネジ M4×60		

From the library of: Diamond Needle Corp

07B Color change B
色換え B



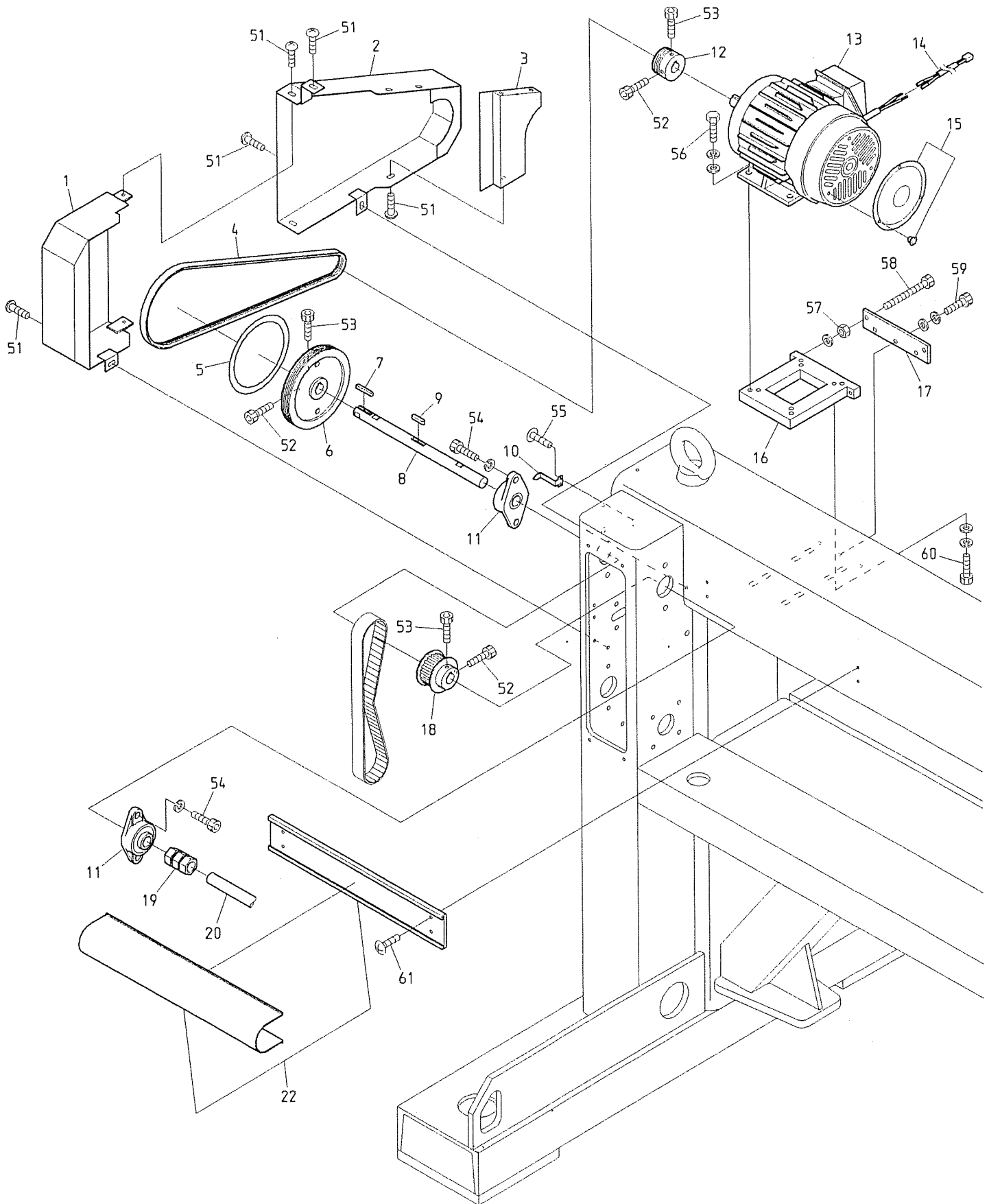
From the library of: Diamond Needle Corp

BENSH-YN/YS BENSH-YN/YS-S BENSH-YN/YS-B
 BENRH-YN/YS BENRH-YN/YS-S BENRH-YN/YS-B

BENSH-YN/YS-BS BENSH-YN-KS BEDSH-YN/YS-BS BENYH-YN BENYH-YN-C
 BENRH-YN/YS-BS BENRH-YN-KS BENBH-YN

BENSHE-YN/YS BENYHE-YN BENYHE-YN-B
 BENRHE-YN/YS BENBHE-YN BENBHE-YN-B

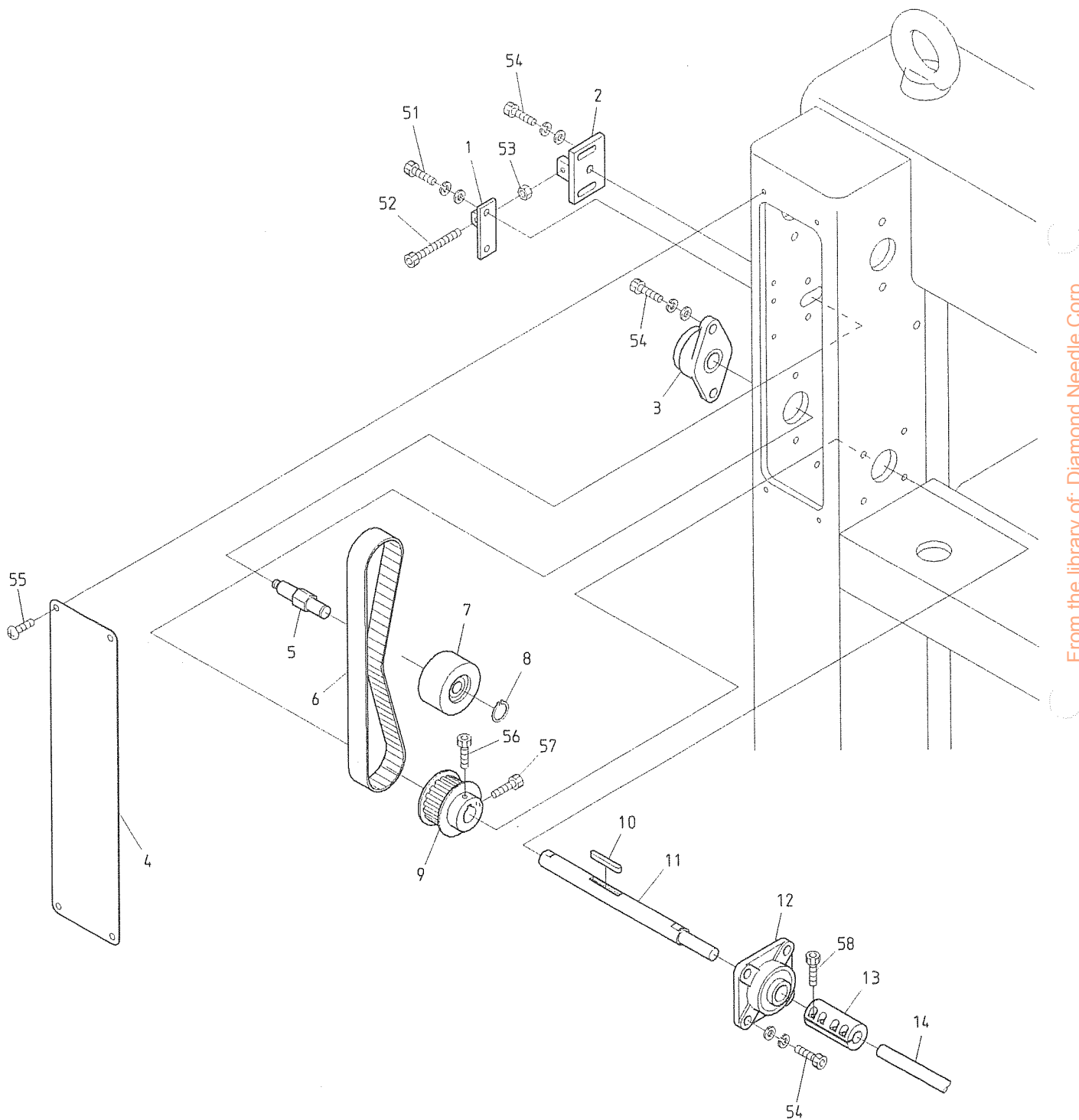
08A Drive A
 駆動A



From the library of: Diamond Needle Corp

BENSH-YN/YS-B BENSH-YN/YS-BS
 BENRH-YN/YS-B BENRH-YN/YS-BS

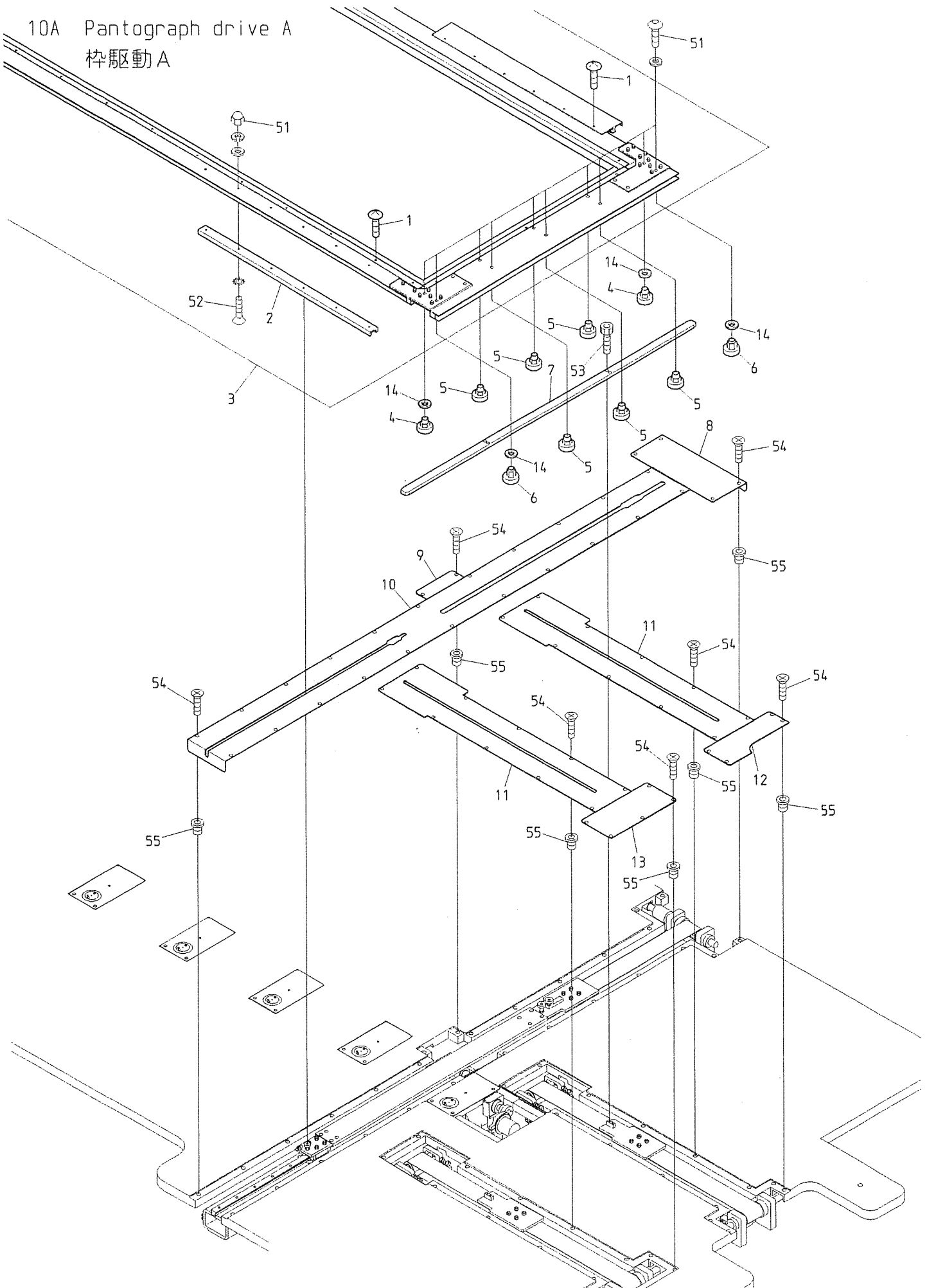
08B Drive B
 駆動B



From the library of: Diamond Needle Corp

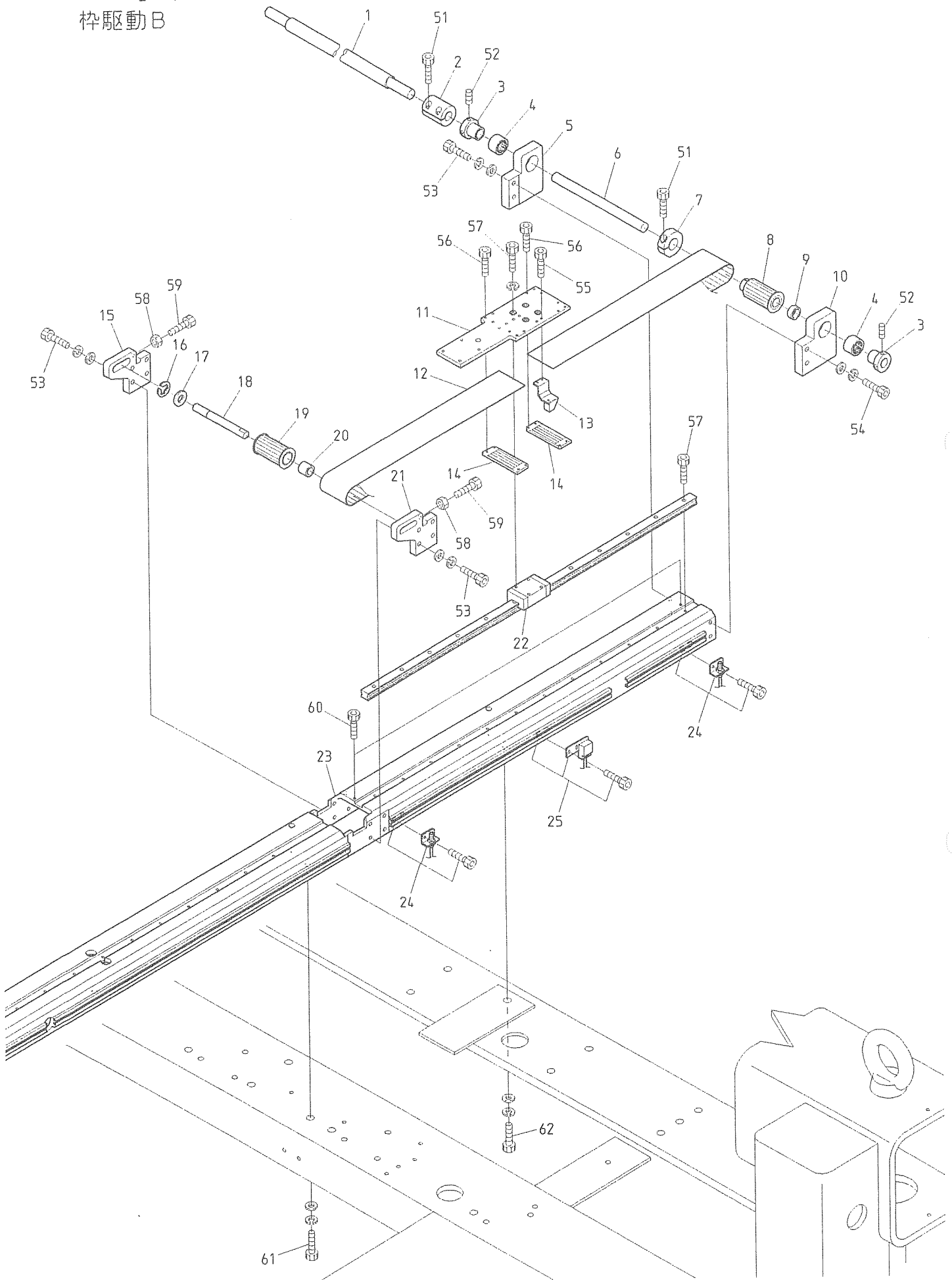
BENSH-YN/YS-B BENSH-YN/YS-BS BENSH-YN-KS BENSH-ZQ-B BENSH-ZQ-BS
 BENRH-YN/YS-B BENRH-YN/YS-BS BENRH-YN-KS BENRH-ZQ-B BENRH-ZQ-BS

10A Pantograph drive A
 枠駆動A



BENSH-YN/YS-B BENSH-YN/YS-BS BENSH-ZQ-B BENSH-ZQ-BS
 BENRH-YN/YS-B BENRH-YN/YS-BS BENRH-ZQ-B BENRH-ZQ-BS

10B Pantograph drive B
 杵駆動B



From the library of: Diamond Needle Corp

BENSH-YN/YS-BS BENSH-ZQ-BS
 BENRH-YN/YS-BS BENRH-ZQ-BS

10B Pantograph drive B

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

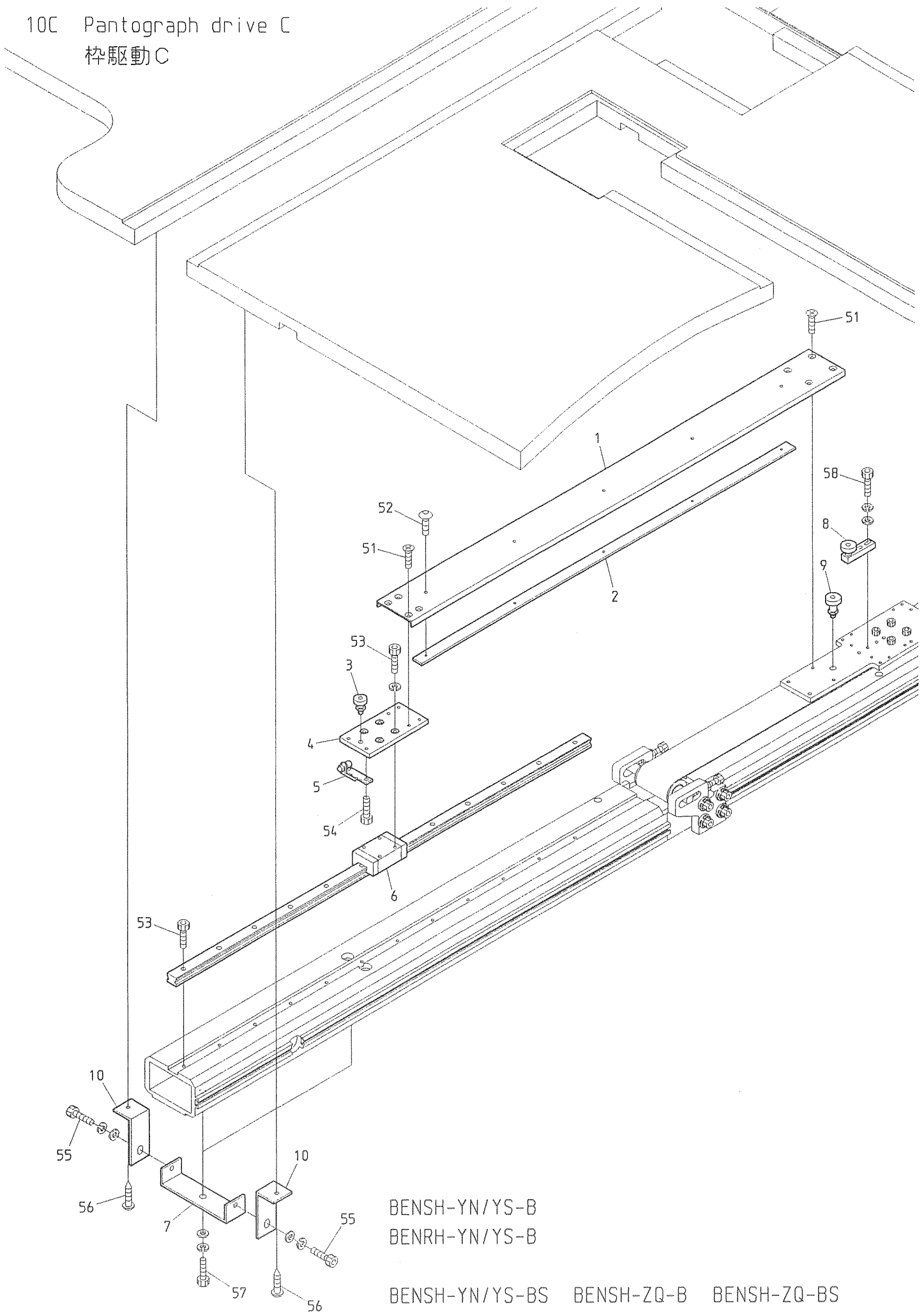
杵駆動B

(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	RF470000	H-pantograph drive connecting shaft (No. 1)	H杵駆動連結シャフト (No. 1)		※
2	HH481931	Pulse motor coupling	パルスモーターカップリング	6	※
3	HH481970	Pulse motor connecting shaft collar	パルスモーター連結シャフトカラー	R×2	
4	A9011063	Needle bearing (TLA2016)	ニードルベアリング (TLA2016)	R×2	
5	RF480090	Pantograph drive pulley fixing base (L)	杵駆動プーリー取付台 (L)	R×1	
6	RF480110	Pantograph drive pulley shaft	杵駆動プーリーシャフト	R×1	
7	HH481980	Clamping φ19	φ19 割りクランプ	R×1	
8	RF480100	Pantograph drive pulley rear (W=50)	杵駆動プーリー 後 (W=50)	R×1	
9	RJ480080	Pantograph drive pulley position decision collar	杵駆動プーリー位置決メカラー	R×1	
10	RF480080	Pantograph drive pulley fixing base (R)	杵駆動プーリー取付台 (R)	R×1	
11	RJ480030	H-roller base (Rear)	Hローラーベース (後)	R×1	
12	RR480080	Free span belt (B500-S5M)	フリースパンベルト (B500-S5M)	R×1	※
13	RJ450021	Magnet fixing bracket a'ssy	マグネット取付ブラケットASSY	1	
14	RF480260	Timing belt hold rack (W=50)	タイミングベルト押エラック (W=50)	R×2	
15	RJ480050	Timing pulley fixing bracket (L)	従動プーリー取付ブラケット (L)	R×1	
16	A9012052	E-ring φ10	E型止メ輪 φ10	R×1	
17	A9010070	Thrust washer	スラストワッシャー		
18	RJ480060	Timing pulley shaft	従動プーリーシャフト	R×1	
19	RF480140	Pantograph drive pulley front (W=50)	杵駆動プーリー 前 (W=50)	R×1	
20	RJ480070	Timing pulley position decision collar	従動プーリー位置決メカラー	R×1	
21	RJ480040	Timing pulley fixing bracket (R)	従動プーリー取付ブラケット (R)	R×1	
22	RF480360	H-side LM guide (L=700)	H側LMガイド (L=700)	R×1	※
23	RJ48000A60	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 ※
	RJ48001A60	H-guide rail base (600ST) last	H案内レール土台 (600ST) 最終部	1	Last rail 最終部 ※
24	RJ450010	RS-001 bracket a'ssy	RS-001ブラケットASSY	2	
25	RJ450001	Origin point sensor bracket a'ssy	原点センサーブラケットASSY	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 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 M6×45	六角穴付ボルト M6×45		
60		Hex. socket bolt M4×8	六角穴付ボルト M4×8		
61		Hex. socket bolt M8×25 (With washers)	六角穴付ボルト M8×25 (平座金 パネ座金付)		
62		Hex. socket bolt M8×30 (With washers)	六角穴付ボルト M8×30 (平座金 パネ座金付)		

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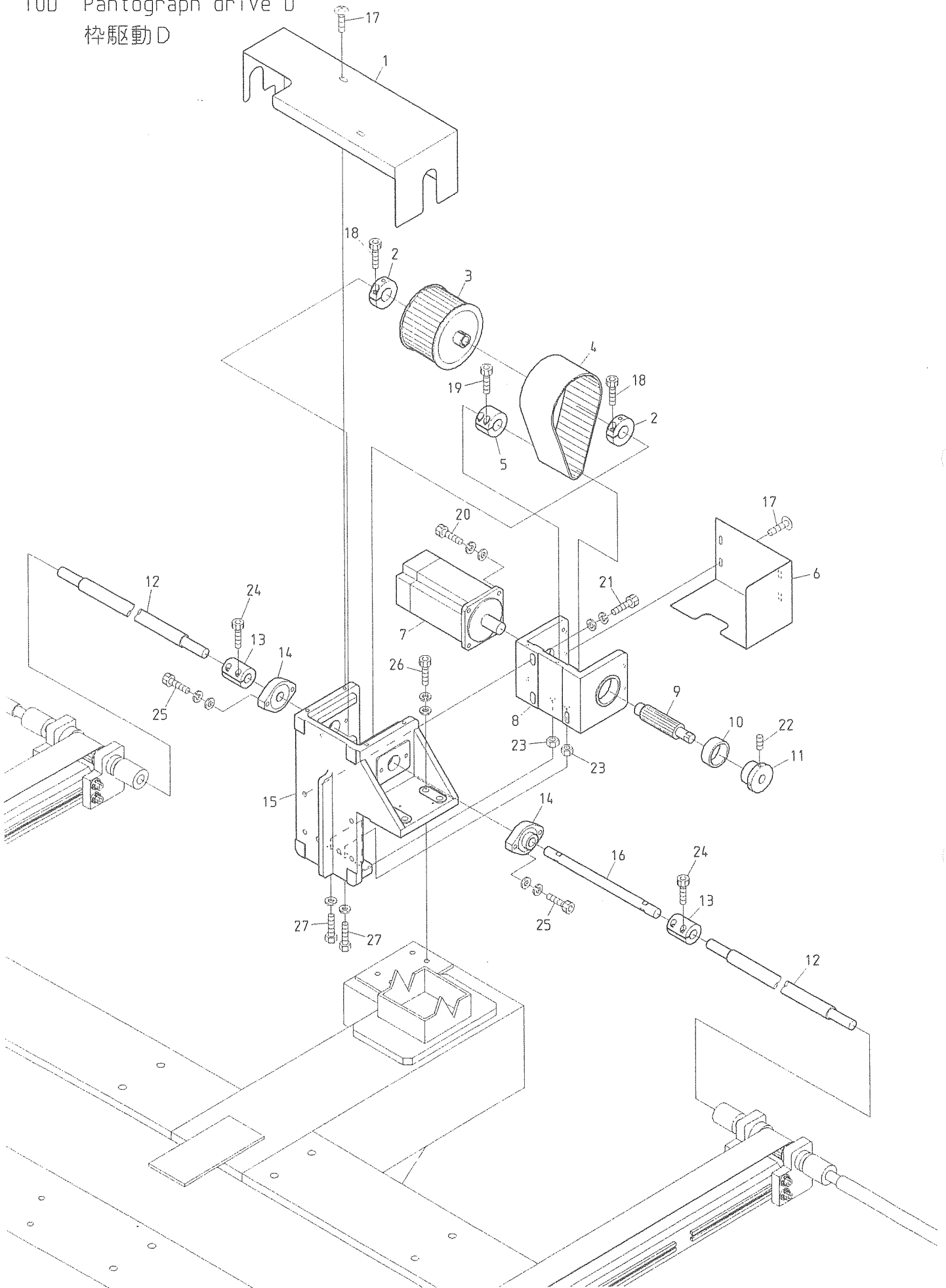
10C Pantograph drive C
 枠駆動C



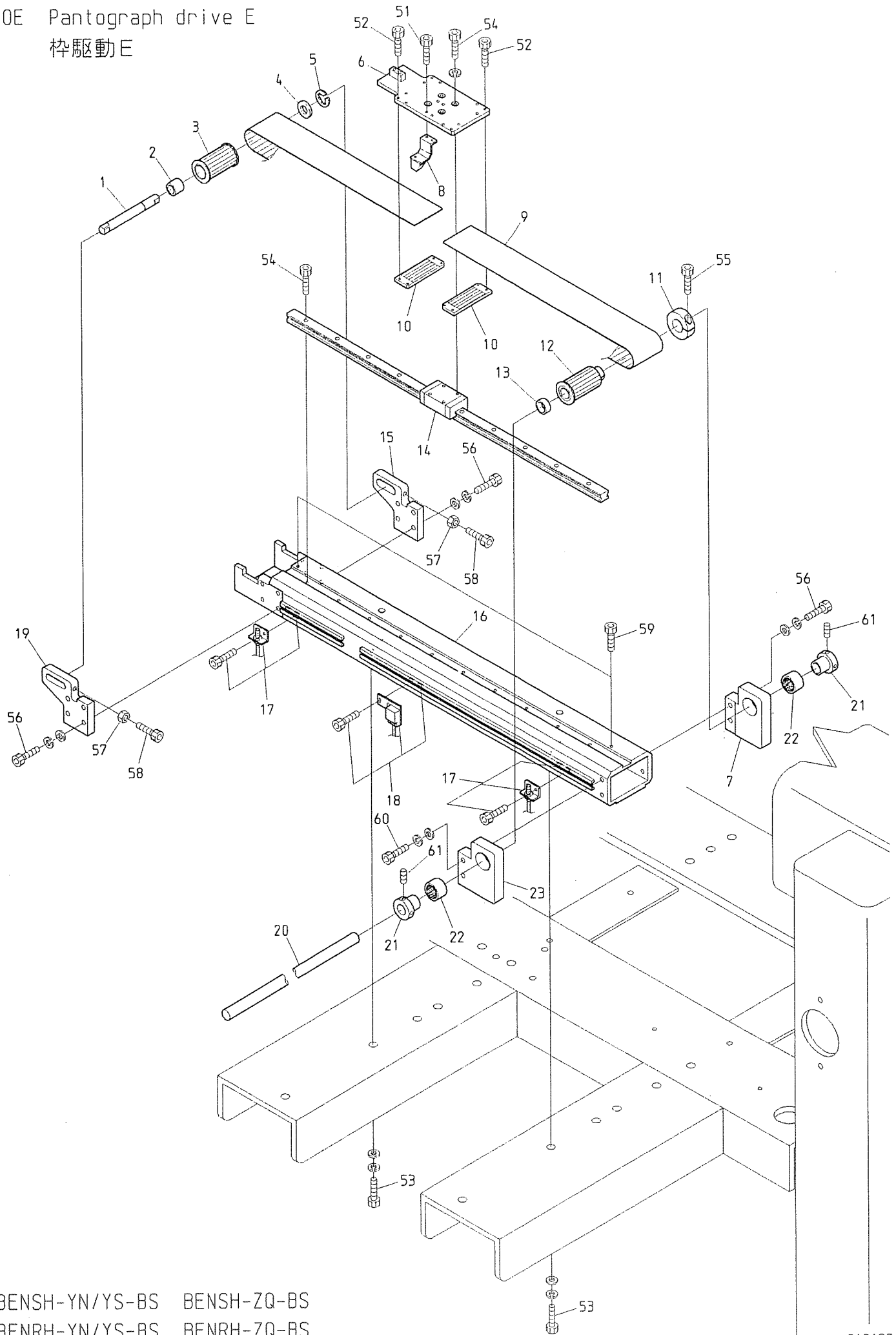
BENSH-YN/YS-B
 BENRH-YN/YS-B

BENSH-YN/YS-BS BENSH-ZQ-B BENSH-ZQ-BS
 BENRH-YN/YS-BS BENRH-ZQ-B BENRH-ZQ-BS

100 Pantograph drive D
 枠駆動D



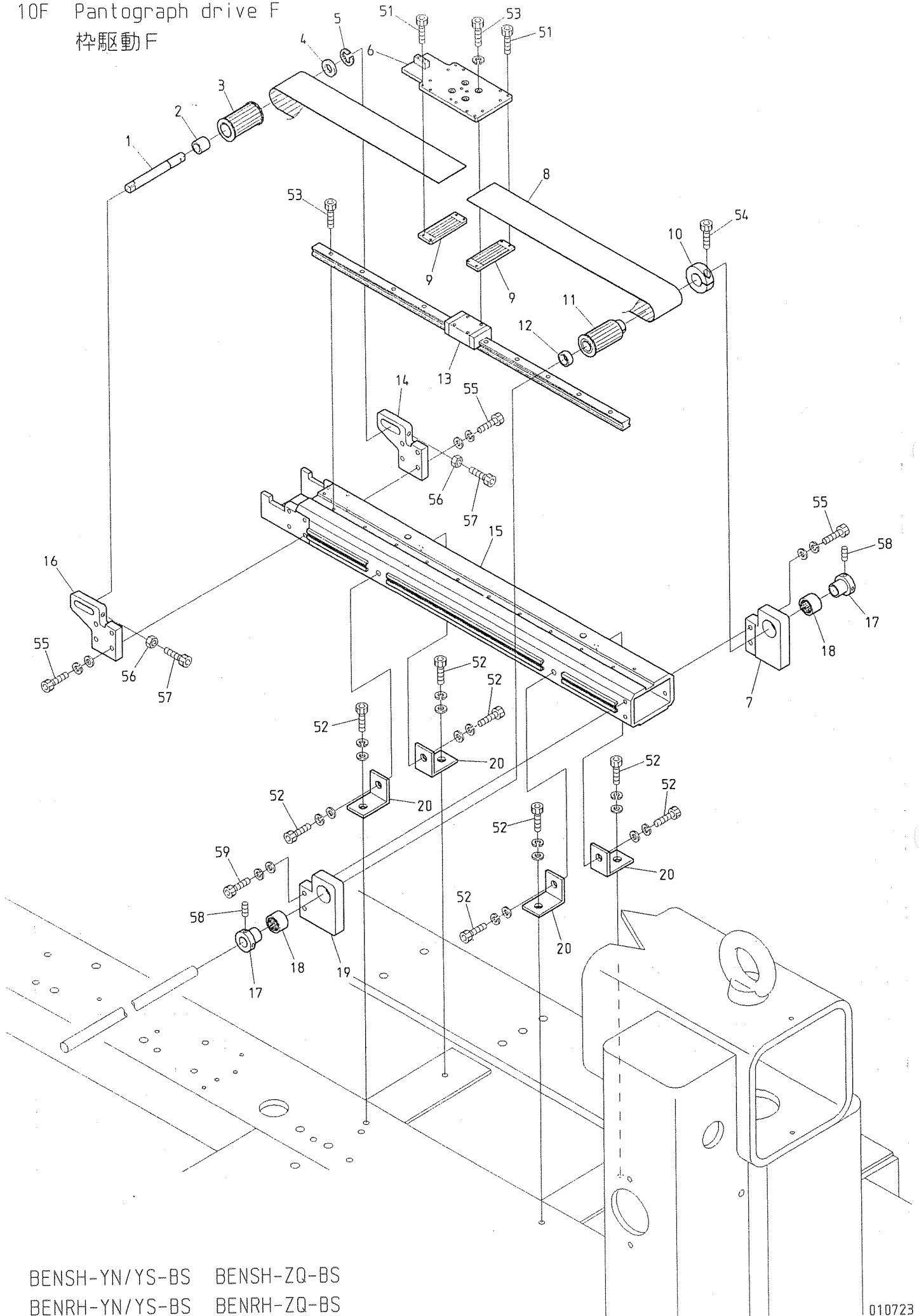
10E Pantograph drive E
 枠駆動E



BENSH-YN/YS-BS BENSH-ZQ-BS
 BENRH-YN/YS-BS BENRH-ZQ-BS

From the library of: Diamond Needle Corp

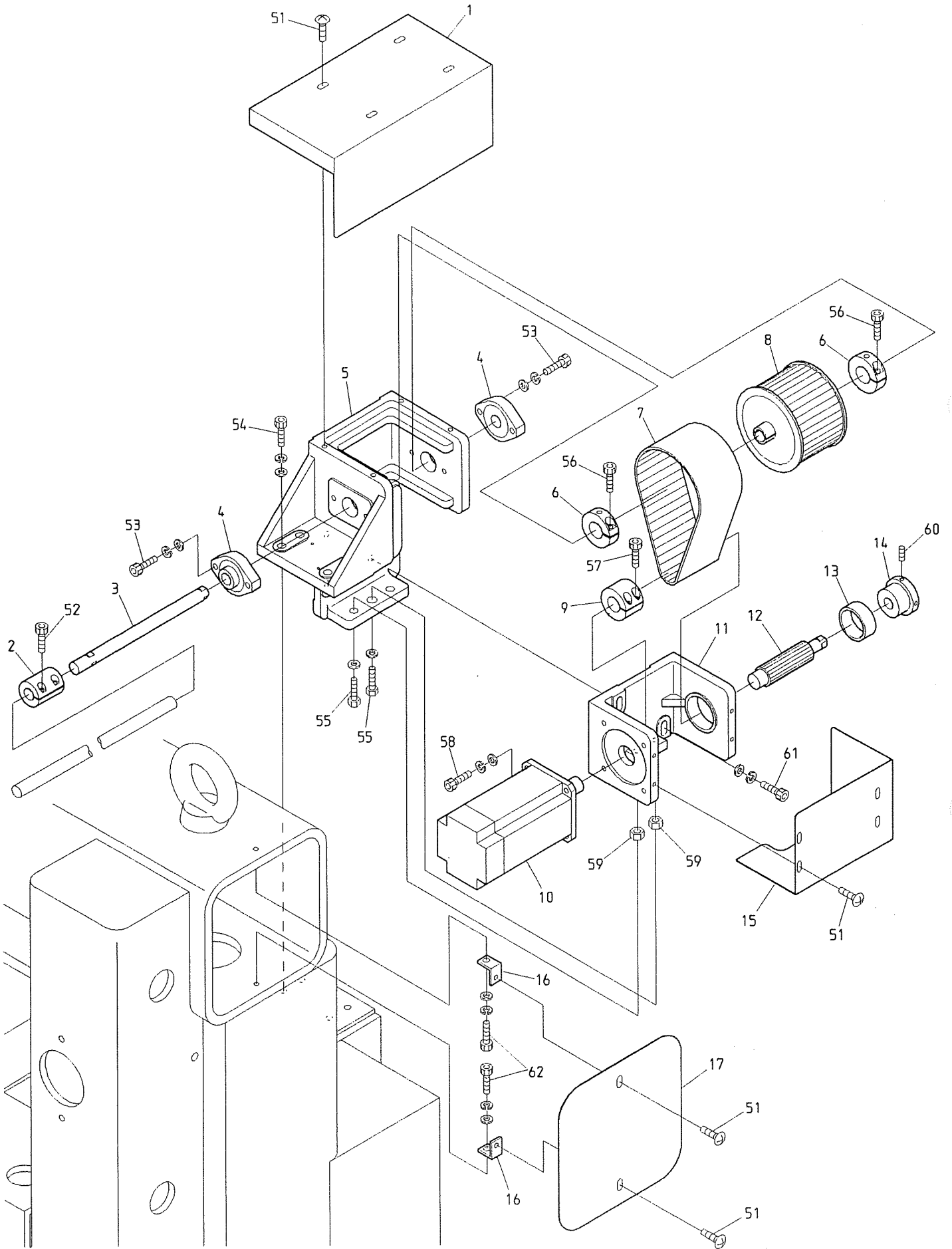
10F Pantograph drive F
 枠駆動F



From the library of: Diamond Needle Corp

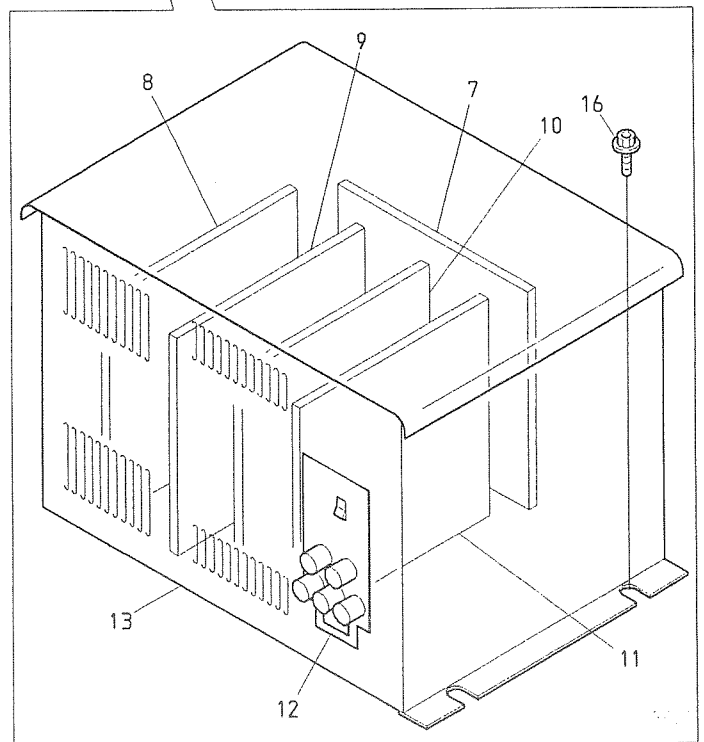
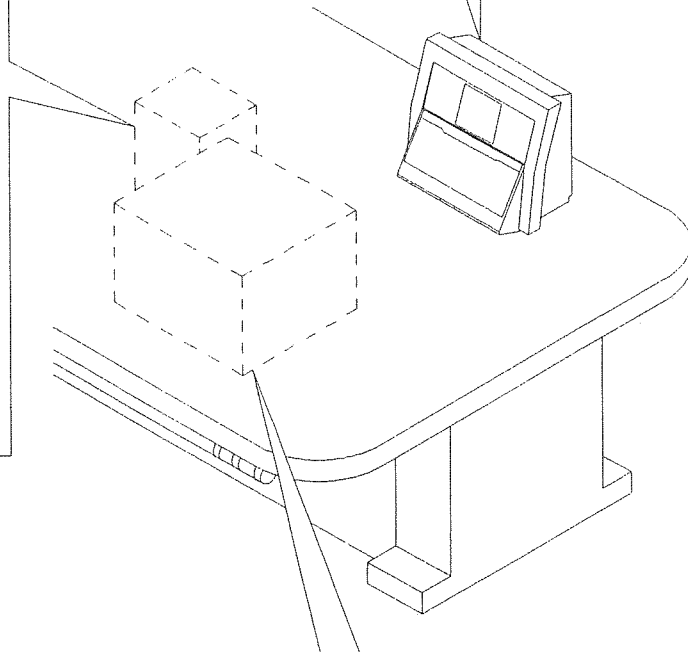
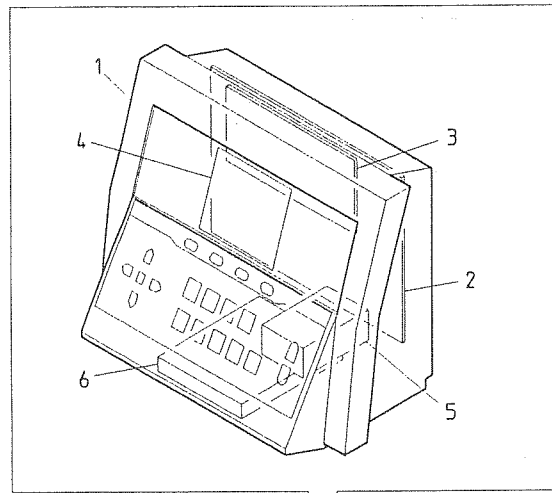
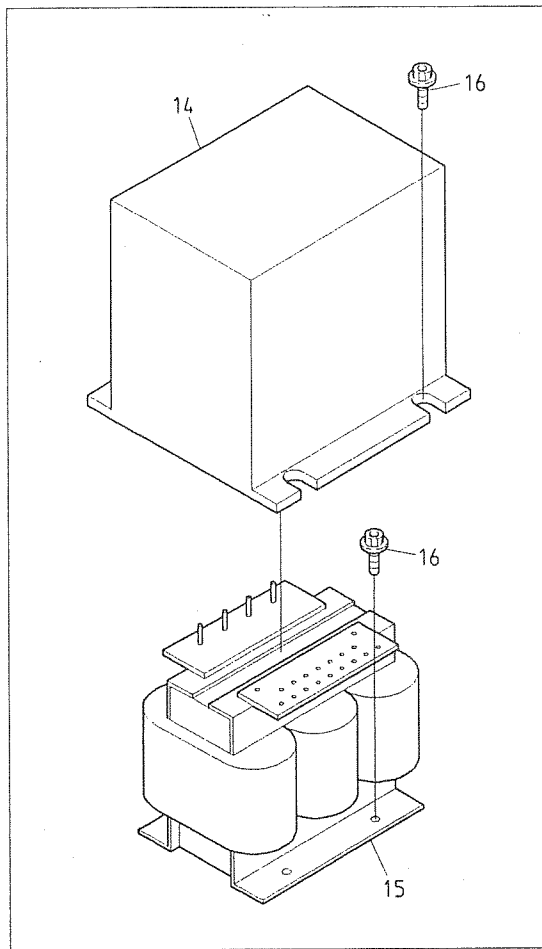
BENSH-YN/YS-BS BENSH-ZQ-BS
 BENRH-YN/YS-BS BENRH-ZQ-BS

106 Pantograph drive G
 枠駆動G



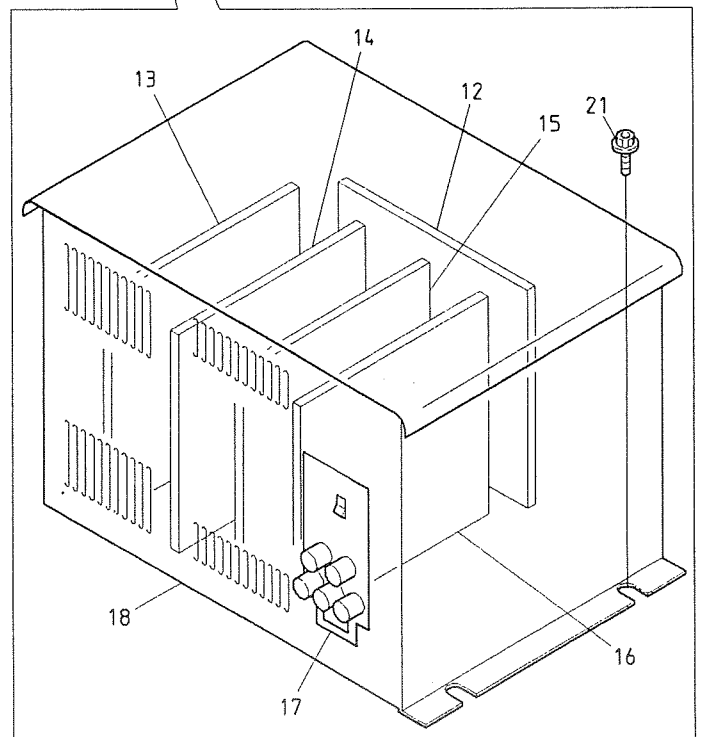
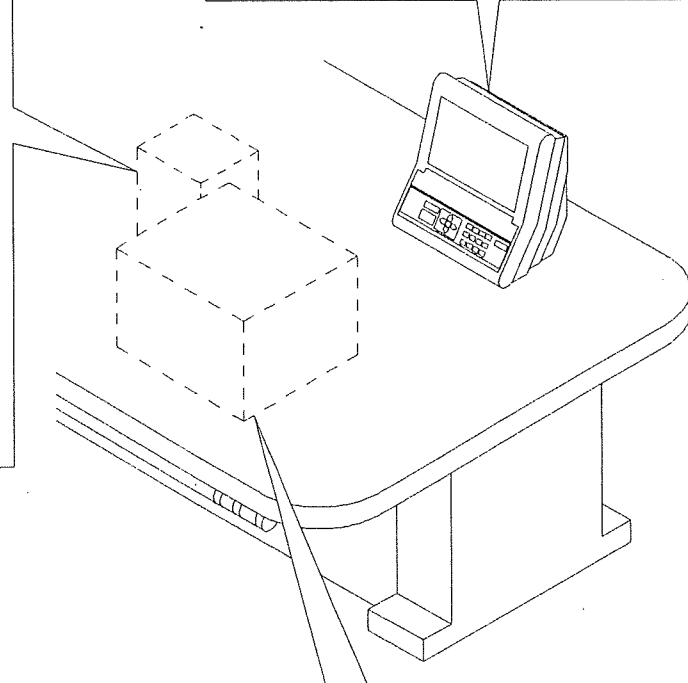
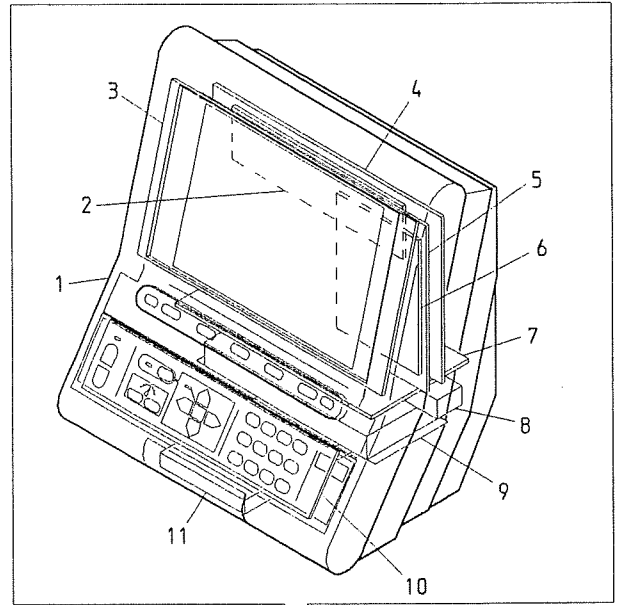
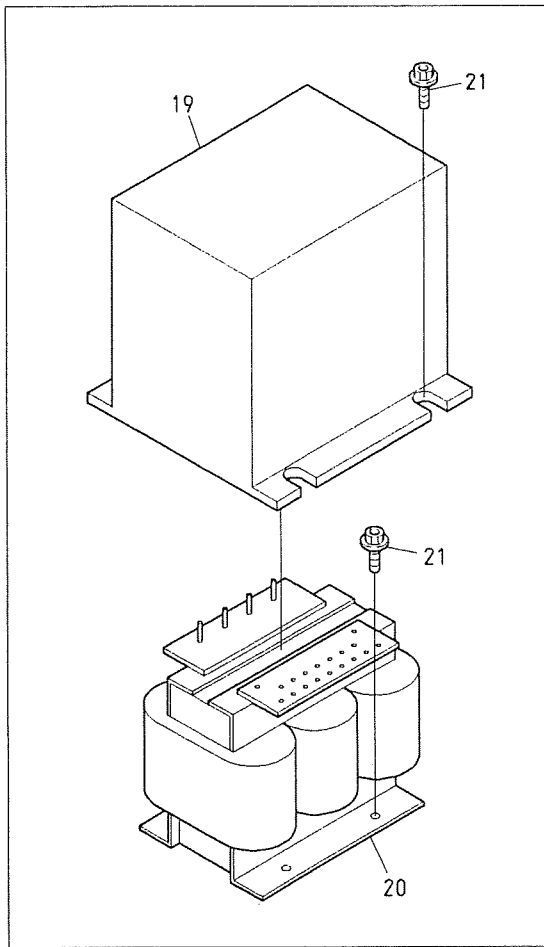
BENSH-YN/YS-BS
 BENRH-YN/YS-BS

11A-1 Control A (NS)
 制御A (NS)



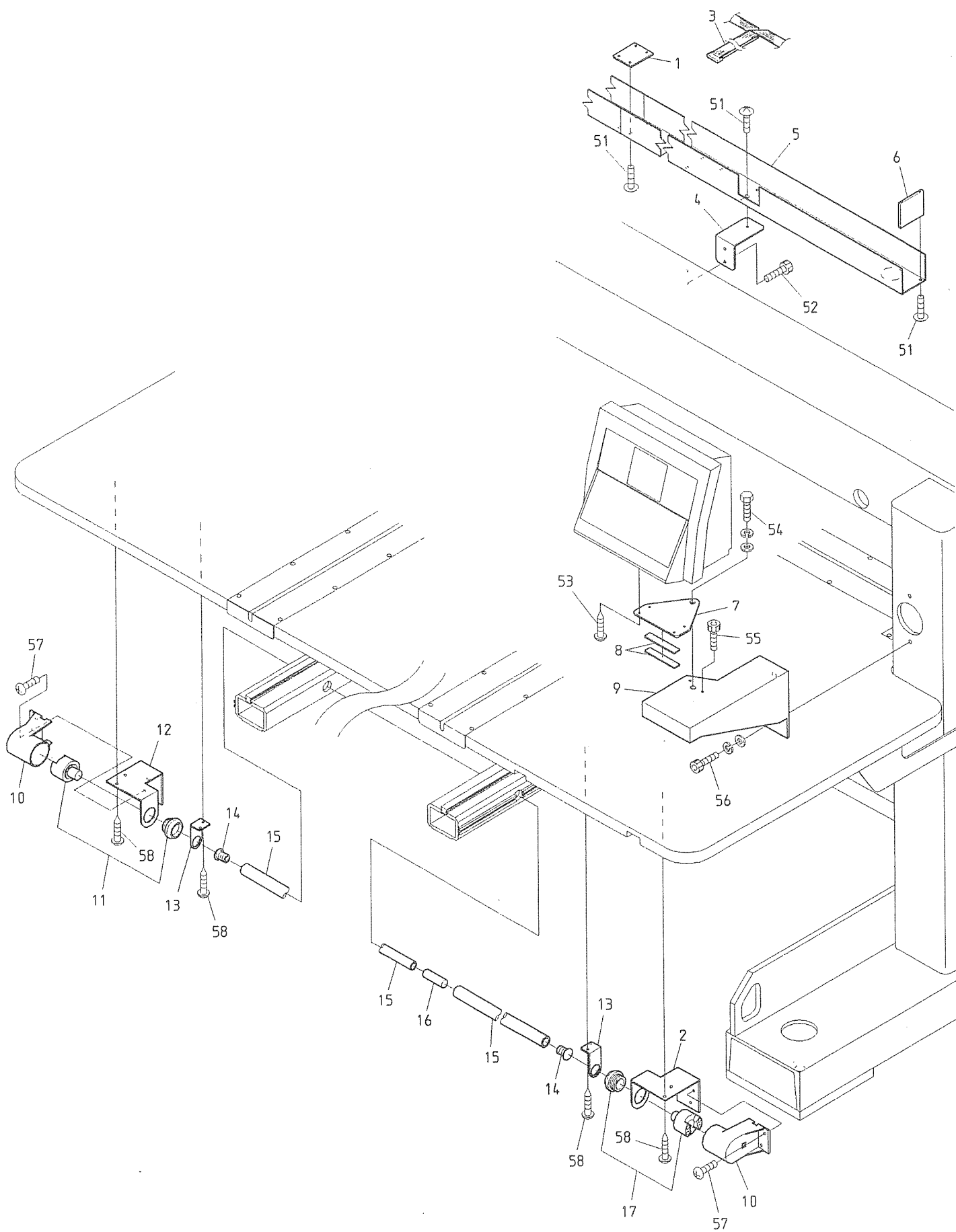
- BENS-YN/YS BENS-YN/YS-L BENSME-ZN/ZQ
 BENS-YN/YS BENS-YN/YS-S
 BENS-YN/YS-B BENS-YN/YS-BS
 BENS-YN-KS BENSHE-YN/YS
 BENS-ZQ-AS BENS-ZQ-B BENS-ZQ-BS

11A-2 Control A (NR)
制御A (NR)



BENR-YN/YS BENR-YN/YS-L BENRME-ZN/ZQ
 BENRH-YN/YS BENRH-YN/YS-S
 BENRH-YN/YS-B BENRH-YN/YS-BS
 BENRH-YN-KS BENRHE-YN/YS
 BENRH-ZQ-AS BENRH-ZQ-B BENRH-ZQ-BS

118 Control B
 制御B

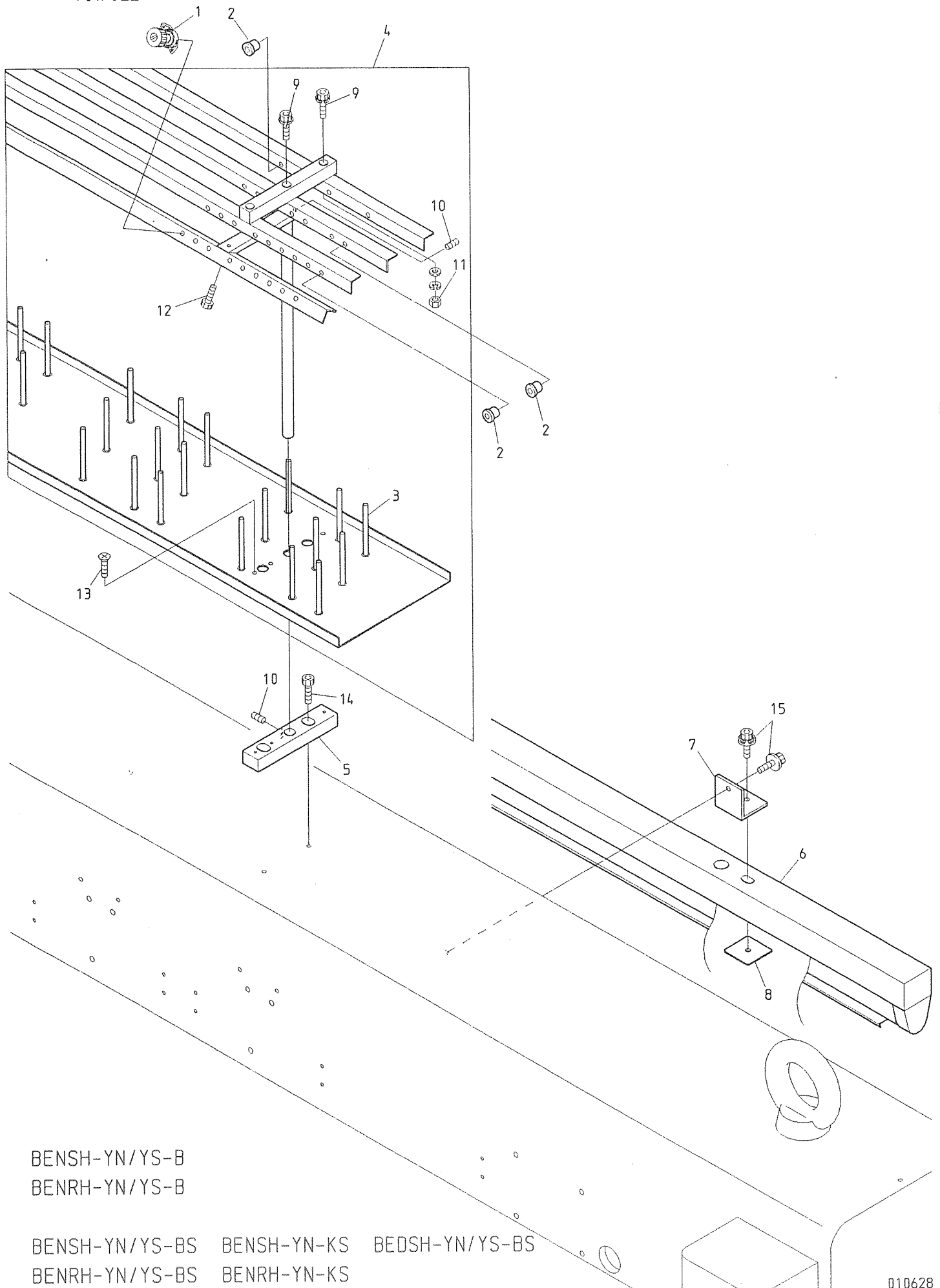


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BENSH-YN/YS-B BENSH-YN/YS-BS
 BENRH-YN/YS-B BENRH-YN/YS-BS

12 Accessories

付属品





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I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
IARN20300500DZ0	0 0	15	A 9 0 1 2 3 6 8	0 4 B	17
ICRJ20300500DZ0	0 0	1	A 9 0 1 2 4 2 1	0 3 B	16
IGRJ20300500DZ1	1 0 A	3	A 9 0 1 2 4 2 6	0 7 B	19
IGRL20350350DH2	1 0 A	3	A 9 0 1 2 4 2 7	1 0 A	14
ISRJ20300500Z	0 8 A	21	A 9 0 1 3 0 6 6	0 2 C	16
2 CRF 9 2 0 3 0 0	1 2	4	A 9 0 1 3 0 6 9	0 8 A	19
2 DRF 2 0 3 0 0	1 1 B	3	A 9 0 1 4 0 5 5	0 4 A	16
A 9 0 1 0 0 0 1	0 7 A	7	A 9 0 2 0 1 3 1	0 8 B	6
A 9 0 1 0 0 5 6	1 0 D	10	A 9 0 2 0 1 7 1	0 8 A	4
A 9 0 1 0 0 5 6	1 0 G	13	A 9 0 5 2 0 0 5	0 2 B	4
A 9 0 1 0 0 6 4	0 2 B	8	A 9 0 5 2 0 2 8	0 2 C	10
A 9 0 1 0 0 7 0	1 0 B	17	A 9 0 5 3 0 7 8	0 6 A - 1	4
A 9 0 1 0 0 7 0	1 0 E	4	A 9 0 5 3 0 8 0	0 6 A - 2	35
A 9 0 1 0 0 7 0	1 0 F	4	A 9 0 5 4 0 4 3	0 2 B	34
A 9 0 1 0 0 7 3	0 3 B	15	A 9 0 5 6 0 2 2	0 2 A	8
A 9 0 1 0 1 0 0	0 1 B	7	A 9 0 5 6 0 2 9	0 7 B	6
A 9 0 1 0 1 0 1	0 1 B	8	A 9 0 5 6 0 3 1	0 2 C	1
A 9 0 1 0 1 0 2	0 1 B	6	A 9 0 5 6 0 3 6	0 5	1
A 9 0 1 1 0 2 1	0 3 A	15	A 9 0 5 6 0 3 7	0 2 D	23
A 9 0 1 1 0 2 1	0 4 A	23	A 9 0 6 5 0 7 4	0 2 B	13
A 9 0 1 1 0 2 2	0 4 A	24	A 9 0 6 5 1 0 1	0 8 A	13
A 9 0 1 1 0 2 3	0 4 A	22	EAY0 3 3 A 1	1 1 A - 1	1
A 9 0 1 1 0 6 3	1 0 B	4	EAY0 3 8 A 1	1 1 A - 2	1
A 9 0 1 1 0 6 3	1 0 E	22	EAY0 4 0 A 2	1 1 A - 1	13
A 9 0 1 1 0 6 3	1 0 F	18	EAY0 4 0 A 2	1 1 A - 2	18
A 9 0 1 1 1 1 1	0 1 A	1	EAY0 4 0 A 3	1 1 A - 1	15
A 9 0 1 1 1 1 1	0 1 B	5	EAY0 4 0 A 3	1 1 A - 2	20
A 9 0 1 1 1 5 2	0 3 A	14	EAY0 4 1 A 3	1 1 A - 1	15
A 9 0 1 1 2 3 8	0 8 B	3	EAY0 4 1 A 3	1 1 A - 2	20
A 9 0 1 1 2 3 9	0 8 B	12	EAY0 4 2 A 3	1 1 A - 1	15
A 9 0 1 1 2 4 0	0 8 A	11	EAY0 4 2 A 3	1 1 A - 2	20
A 9 0 1 2 0 0 1	0 7 A	19	EAY0 4 4 A 2	1 1 A - 1	15
A 9 0 1 2 0 0 2	0 2 B	15	EAY0 4 4 A 2	1 1 A - 2	20
A 9 0 1 2 0 0 2	0 7 B	14	EAY0 6 2 A 2	1 1 A - 1	13
A 9 0 1 2 0 5 2	1 0 B	16	EAY0 6 2 A 2	1 1 A - 2	18
A 9 0 1 2 0 5 2	1 0 E	5	EBY0 0 9 2 0	0 6 B - 2	2
A 9 0 1 2 0 5 2	1 0 F	5	EBY0 1 1 1 0	0 6 B - 1	7
A 9 0 1 2 0 5 3	0 4 A	21	EBY0 1 1 2 0	0 7 A	3
A 9 0 1 2 0 6 8	0 8 B	8	EBY0 1 1 5 1	0 6 A - 1	12
A 9 0 1 2 1 2 7	0 2 D	29	EBY0 1 2 4 0	1 1 A - 1	3
A 9 0 1 2 1 4 3	0 7 B	7	EBY0 1 2 7 0	1 1 A - 1	5
A 9 0 1 2 1 6 4	0 4 B	10	EBY0 1 2 9 0	1 1 A - 1	12
A 9 0 1 2 3 1 3	0 1 A	22	EBY0 1 2 9 0	1 1 A - 2	17
A 9 0 1 2 3 2 4	0 6 B - 2	6	EBY0 1 3 0 1	1 1 A - 1	10
A 9 0 1 2 3 6 7	0 4 B	27	EBY0 1 3 0 1	1 1 A - 2	15

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I N D E X

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
EBY01311	11A-1	8	HB230620	03B	4
EBY01311	11A-2	13	HB230650	03B	30
EBY01320	11A-1	11	HB230751	03A	6
EBY01320	11A-2	16	HB230800	03B	20
EBY01330	11A-1	7	HB240020	05	4
EBY01330	11A-2	12	HB240030	05	5
EBY01341	11A-1	9	HB240041	05	3
EBY01341	11A-2	14	HB240110	05	12
EBY01350	11A-1	6	HB240151	03A	2
EBY01352	11A-2	11	HB240161	03A	12
EBY01380	11A-2	8	HB240200	06A-1	20
EBY01530	11A-2	5	HB240200	06A-2	18
EBY01541	11A-2	4	HB240220	06A-1	22
EBY01550	11A-2	2	HB240220	06A-2	21
EBY01560	11A-2	7	HB240240	06A-1	24
EBY01570	11A-2	10	HB240240	06A-2	22
EBY01580	11A-2	6	HB240261	06A-2	16
EBY01590	11A-2	9	HB240300	06A-1	13
EBY01601	11A-2	3	HB240351	05	20
EBY01640	06A-2	4	HB240381	06A-2	3
EBY01800	11A-1	7	HB240390	06A-2	8
EBY01800	11A-2	12	HB310070	08A	18
EBY01810	11A-1	8	HB310070	08B	9
EBY01810	11A-2	13	HB310080	08B	7
EBY01820	11A-1	11	HB310260	08A	9
EBY01820	11A-2	16	HB310280	08A	13
EBY01830	11A-1	12	HB320030	01B	4
EBY01830	11A-2	17	HB320050	01B	4
EBY02200	11A-1	4	HB320070	01A	24
EBY02220	11A-1	2	HB330010	07A	14
FN070011SNY	04A	14	HB330020	07A	9
HB220010	01A	8	HB330040	07A	21
HB230070	03B	8	HB330060	07B	8
HB230080	03B	7	HB330070	07B	5
HB230160	04B	11	HB330080	07B	18
HB230180	04C	20	HB330090	07B	2
HB230190	04C	24	HB330101	07B	3
HB230200	04B	13	HB330111	07A	12
HB230220	04C	10	HB330120	07A	16
HB230241	04C	4	HB330130	07A	8
HB230261	04C	9	HB330140	07A	13
HB230271	04C	3	HB330150	07A	15
HB230281	04C	7	HB330160	07A	11
HB230350	04C	5	HB330170	07A	11
HB230361	04C	6	HB330180	07A	23

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LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HB330190	07A	10	HP321090	01A	17
HB330200	07A	6	HP321100	08B	13
HB330211	07A	5	HP321120	00	3
HB330221	07A	4	HP321140	10D	14
HB540050	06B-2	3	HP321140	10G	4
HB540070	06B-2	1	HP321710	01B	10
HB710010	12	7	HP321720	01B	1
HB710020	12	8	HP331560	07B	13
HB790030	06A-2	7	HP331610	07B	12
HH220570	01A	13	HP331660	07A	20
HH330670	07A	22	HP331700	07B	1
HH330760	02B	16	HP331923	01B	2
HH330770	07B	10	HP331950	07B	4
HH330810	07A	23	HT220011	01A	11
HH481931	10B	2	HT220020	01A	10
HH481931	10D	13	HT220030	01A	10
HH481931	10G	2	HT220043	01A	5
HH481970	01B	9	HT220053	01A	5
HH481970	10B	3	HT220061	01A	3
HH481970	10E	21	HT230020	03A	10
HH481970	10F	17	HT230041	04A	5
HH481980	10B	7	HT230064	04A	9
HH481980	10E	11	HT230070	03A	3
HH481980	10F	10	HT230080	03A	7
HK220681	01A	9	HT230100	03B	3
HM330060	07B	16	HT230111	04A	18
HP210341	01A	15	HT230120	04A	12
HP211050	01A	15	HT230130	04A	3
HP220680	01A	9	HT230143	04A	10
HP220712	01A	4	HT230151	04A	4
HP231370	04B	26	HT230171	03A	5
HP241123	06A-2	6	HT230180	04A	20
HP241151	06A-2	11	HT230220	05	7
HP241160	06A-2	10	HT230263	04A	8
HP241180	06A-2	17	HT230270	03A	11
HP241381	06A-2	5	HT230280	04B	20
HP241410	06A-2	12	HT230290	04B	15
HP241430	06B-2	4	HT230300	03A	16
HP241430	12	1	HT230320	04B	2
HP241440	06A-2	9	HT230330	04A	7
HP241450	06A-2	14	HT230340	04B	3
HP241460	06A-2	14	HT230350	02D	20
HP241480	06A-2	15	HT230361	02D	18
HP310210	08A	6	HT230370	04B	4
HP321082	01A	16	HT230380	04C	16

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LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HT230410	04C	8	HT240240	06A-1	19
HT230420	04C	11	HT240250	06B-1	3
HT230450	04B	6	HT240270	06B-1	8
HT230460	04B	7	HT240280	06B-1	6
HT230470	04B	14	HT240290	06B-1	2
HT230480	04B	8	HT240331	06A-1	18
HT230490	04B	1	HT240340	06B-1	1
HT230500	04B	5	HT240392	06A-1	11
HT230510	04B	12	HT240430	06A-1	23
HT230520	04B	16	HT240430	06A-2	23
HT230531	04B	19	HT240440	06A-1	25
HT230540	03A	8	HT240440	06A-2	24
HT230560	04B	21	HT240460	06A-1	21
HT230590	04C	1	HT240460	06A-2	19
HT230600	04C	14	HT240470	06A-1	26
HT230610	04C	13	HT240470	06A-2	20
HT230620	05	8	HT240500	03A	1
HT230631	05	6	HT240510	03A	13
HT230640	02D	21	HT240526	06A-1	14
HT230670	04A	13	HT240531	06B-2	9
HT230690	04A	19	HT240570	05	13
HT230720	04C	15	HT240580	05	11
HT230730	04B	18	HT270001	02D	3
HT230750	04B	23	HT270010	02D	2
HT230760	04B	9	HT270021	02D	7
HT230770	04B	22	HT270030	02D	1
HT230810	04A	2	HT270040	02D	5
HT230820	04A	1	HT270063	02D	8
HT230830	02D	19	HT270070	02C	3
HT230850	04A	1	HT270080	02D	28
HT230930	04C	2	HT270090	02D	27
HT230941	03A	4	HT270100	02D	25
HT240000	03A	1	HT270110	02C	14
HT240010	03A	13	HT270120	02D	24
HT240021	06A-1	9	HT270140	02D	1
HT240062	06A-1	10	HT270150	02D	3
HT240101	06B-1	5	HT330001	07A	17
HT240121	06A-1	1	HT710000	12	3
HT240130	06A-1	2	HV240000	06A-1	36
HT240140	06A-1	3	HV240000	06A-2	34
HT240160	06A-1	5	HV250010	02A	1
HT240180	06A-1	7	HV270020	02A	12
HT240211	06A-1	15	HV270030	02A	9
HT240220	06A-1	16	HV270070	02A	5
HT240230	06A-1	17	HV270090	02A	6

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LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
HV270100	02A	11	KF230240	04A	15
HV270220	02B	11	KF230501	03B	34
HV270240	02B	10	KF230530	04B	25
HV270280	02B	6	KF230582	02D	4
HV270310	02A	4	KF230620	04C	23
HV270320	02A	25	KF230620	07B	17
HV270330	02A	3	KF230630	07B	15
HV270340	02A	2	KF230640	04C	18
HV270350	02B	7	KF230661	04C	21
HV270360	02B	2	KF230670	04C	12
HV270370	01A	14	KF230680	03B	6
HV270380	02A	26	KF230910	04A	11
HV270410	02A	5	KF240900	12	2
HV270440	02A	14	KF250220	02D	10
HV310050	08A	7	KF250231	02D	12
HV310070	08B	10	KF250241	02D	11
HV310110	08A	10	KF250250	02D	13
HV330011	11B	7	KF250900	02A	13
HV330022	11B	8	KF320520	10D	2
HV330040	11B	7	KF320520	10G	6
HV710010	12	6	KF330180	04A	26
HV710020	12	6	KF330180	04C	19
KB240060	06A-2	2	KF530111	11B	17
KB240100	06A-2	1	KF530120	11B	11
KC270101	02D	22	KF530151	11B	10
KC270271	02D	6	KF530160	11B	15
KC270292	02D	9	KF530171	11B	14
KC271440	02B	1	KF530230	11B	16
KC320820	08B	14	KF730500	10A	1
KC330170	07A	2	KL230180	04C	22
KC330180	02B	3	KL270000	02D	16
KC330280	07A	1	KL270040	02D	26
KC330310300	07A	18	KL270060	02D	30
KC330410	02B	17	KL270070	02D	14
KC330410	04A	25	KL270081	02C	2
KC330410	04C	17	KL270091	02C	11
KC330410	07B	9	KL270101	02C	5
KC330420	07B	11	KL270110	02C	8
KC520020	11A-1	14	KL270120	02C	7
KC520020	11A-2	19	KL270130	02C	6
KF220302	01A	6	KL270260	02C	9
KF220421	01A	7	KL270400	02C	13
KF220530	01A	7	KL270450	02C	12
KF220700	01A	8	KL270520	02D	17
KF221020	01A	6	KN141120	10C	7

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LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
KN271720	02B	12	RF480360	10B	22
KN271750	02B	9	RF480360	10C	6
KN271782	02B	8	RF480360	10F	13
KN272350	02B	5	RF480360350	10E	14
KN272401	02A	10	RF480360350	10F	13
KN272401	02C	4	RF480370	10E	14
KN272401	02D	15	RF480420	10C	3
KN310010	08A	12	RF480430	10A	7
KN313671	08A	5	RF480471	10A	8
KN480420470	10A	2	RF490000	10D	7
KN480420580	10A	2	RF490000	10G	10
KN511020	01B	3	RF490010	10D	15
KN540500	06B-2	5	RF490010	10G	5
KN540510	06B-1	4	RF490020	10D	8
KN540510	06B-2	7	RF490030	10G	11
KN540520	06B-2	8	RF490040	10D	3
KR480100	10D	11	RF490040	10G	8
KR480100	10G	14	RF490050	10D	9
KU241400	06A-2	13	RF490050	10G	12
KV230040	04A	6	RF490060	10D	4
KX510060	11B	6	RF490060	10G	7
LB240020	06B-2	4	RF490070	10D	16
LB240040	06B-2	9	RF490080	10D	5
LB240080	06B-1	1	RF490080	10G	9
RF250040	10D	6	RF490090	10G	3
RF250060	10G	15	RF510000	11B	5
RF250090	00	4	RF510030	11B	1
RF470000	10B	1	RF510030	11B	4
RF470010	10D	12	RF510090	08A	14
RF480080	10B	10	RF710010	12	5
RF480080	10E	23	RH230271	03B	12
RF480080	10F	19	RH230280	03B	11
RF480090	10B	5	RH230290	03B	9
RF480090	10E	7	RH230300	03B	10
RF480090	10F	7	RH230311	03B	1
RF480100	10B	8	RH230320	03B	18
RF480100	10E	12	RH230330	03B	19
RF480100	10F	11	RH230610	03B	37
RF480110	10B	6	RH230801	03B	35
RF480140	10B	19	RH230810	03B	5
RF480140	10E	3	RJ140000	00	6
RF480140	10F	3	RJ140010	00	9
RF480260	10B	14	RJ140020	00	8
RF480260	10E	10	RJ140030	00	12
RF480260	10F	9	RJ140040	00	10

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LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
RJ140050	00	11	RJ480060	10E	1
RJ140060	00	7	RJ480060	10F	1
RJ140070	00	13	RJ480070	10B	20
RJ140080	00	16	RJ480070	10E	2
RJ140090	00	5	RJ480070	10F	2
RJ140100	00	17	RJ480080	10B	9
RJ250010	10G	1	RJ480080	10E	13
RJ250020	00	2	RJ480080	10F	12
RJ250030	10A	9	RJ48009A60	10C	1
RJ250040	10A	13	RJ48010A60	10C	2
RJ250051	10A	12	RJ480110	10C	9
RJ250060	10G	17	RJ480121	10C	8
RJ250071	08A	1	RJ48013A350	10E	16
RJ250082	08A	2	RJ48013A500	10E	16
RJ250090	08A	3	RJ48014A350	10F	15
RJ250100	08B	4	RJ48014A500	10F	15
RJ250130	10G	16	RJ480151	10E	6
RJ250160	08A	15	RJ480151	10F	6
RJ270010	02B	14	RJ480160	10F	20
RJ270030	02A	7	RJ48017B60	10A	10
RJ270110	02A	26	RJ48018A350	10A	11
RJ310010	08B	11	RJ48018A500	10A	11
RJ310020	08A	16	RJ480190	10E	20
RJ310030	08A	17	RJ480200	10C	10
RJ310040	08B	2	RJ480371	10A	5
RJ310050	08B	1	RJ480381	10A	6
RJ310060	08B	5	RJ480391	10A	4
RJ450001	10B	25	RJ510000	11B	9
RJ450001	10E	18	RJ510011	11B	9
RJ450010	10B	24	RJ530000	11B	2
RJ450010	10E	17	RJ530010	11B	12
RJ450021	10B	13	RJ530020	11B	13
RJ450021	10E	8	RJ720061	00	14
RJ460000	10C	5	RL250051	10A	12
RJ48000A60	10B	23	RL470010	10D	12
RJ48001A60	10B	23	RN210011	03B	17
RJ480020	10C	4	RN230000	03B	32
RJ480030	10B	11	RN230010	03B	36
RJ480040	10B	21	RN230020	03B	13
RJ480040	10E	19	RN230030	03B	33
RJ480040	10F	16	RN230040	03B	14
RJ480050	10B	15	RN230050	03A	9
RJ480050	10E	15	RN230060	03B	32
RJ480050	10F	14	RN230070	03B	9
RJ480060	10B	18	RN240010	05	2

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