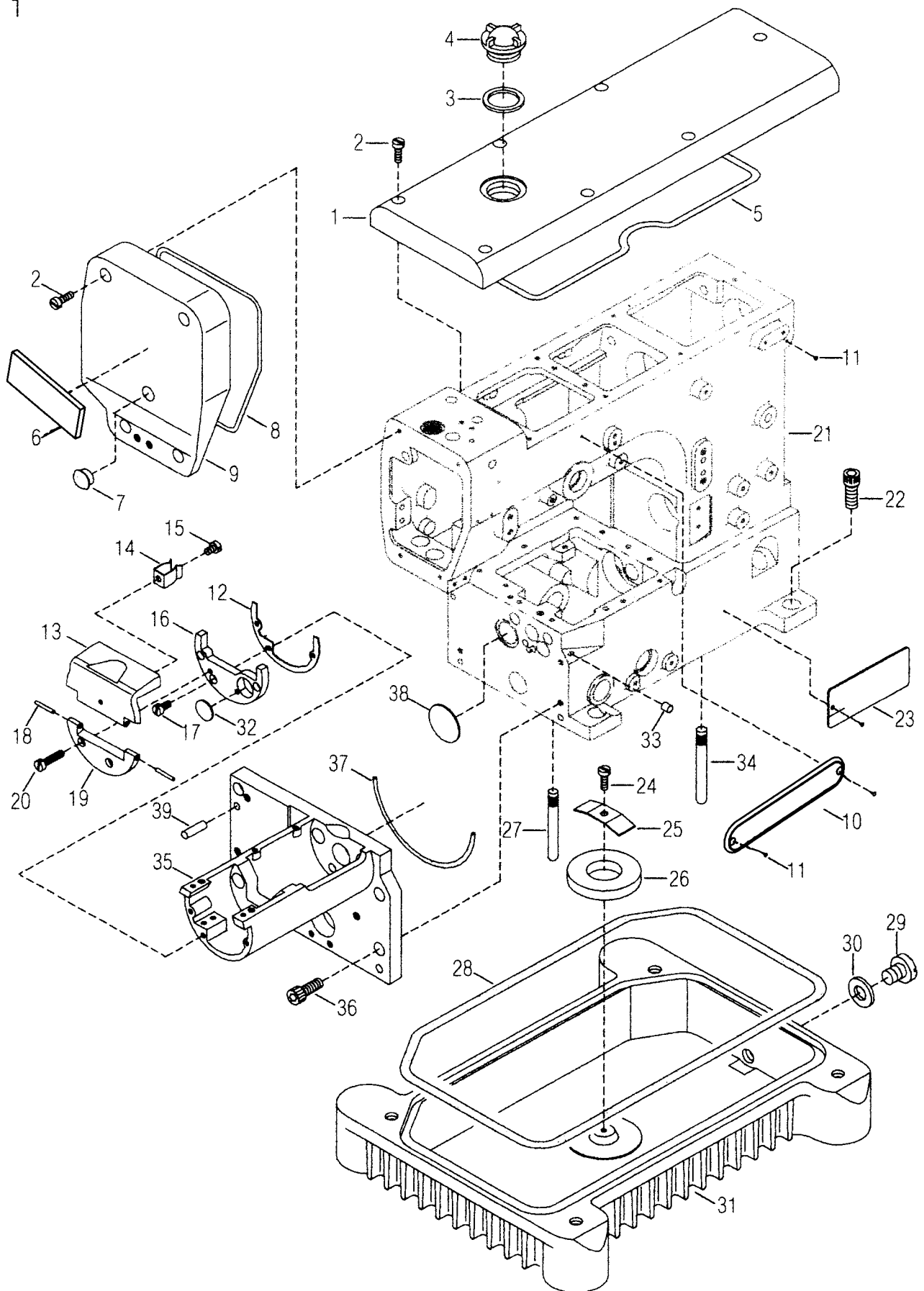


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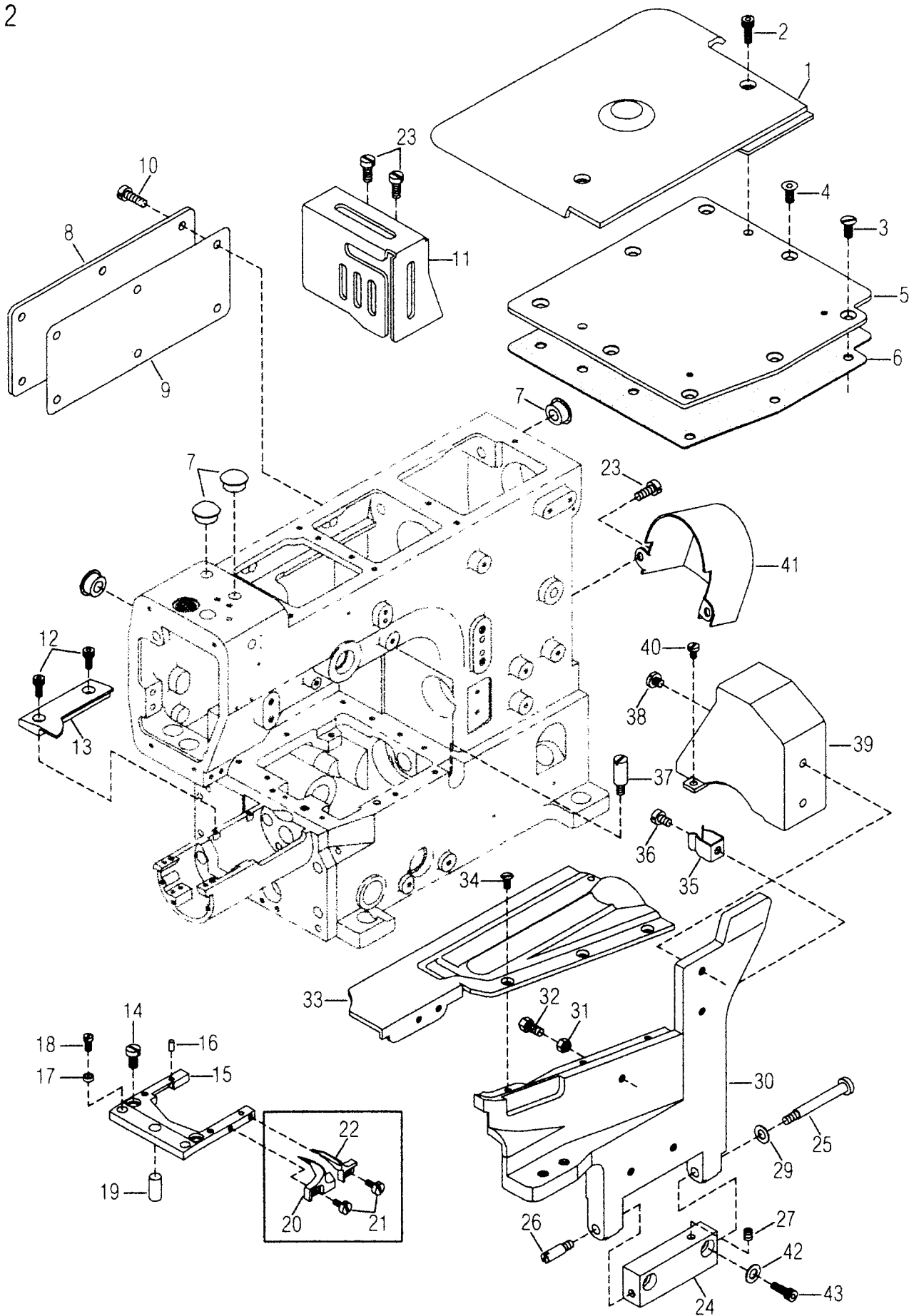
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1



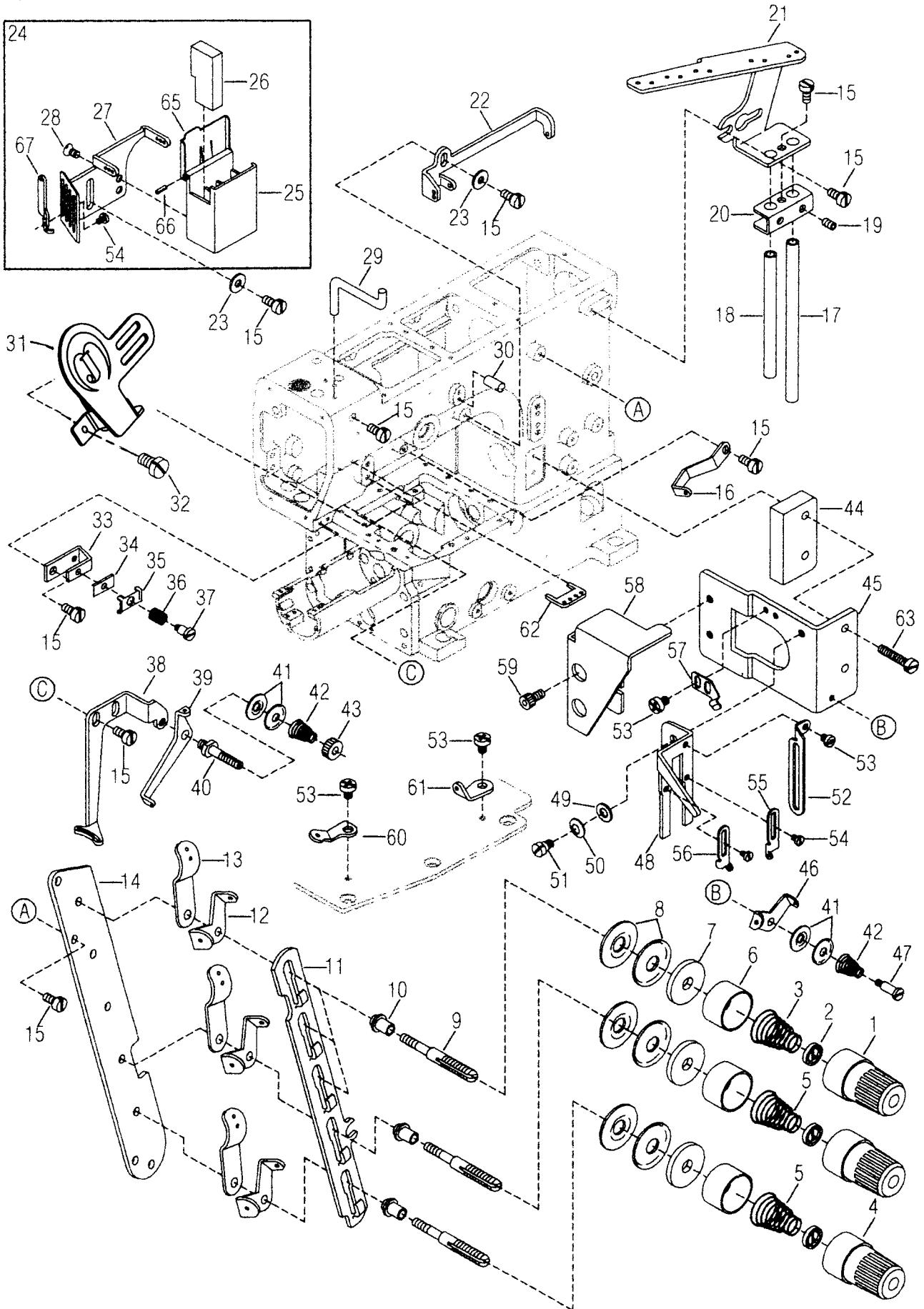
MISCELLANEOUS COVERS (1)**機殼及外蓋(1)**

Ref. No.	Parts No.	Description	產 品 名 稱	1 Amt . Req .
1	VA01	Top Cover	上蓋	1
2	SV222	Screw (M4-0.7×12)	螺絲	11
3	FA22	Oil Ring	上油鏡O型油環	1
4	FA21	Oil Sight Window	上油鏡	1
5	VA05	Top Cover Gasket	上蓋方形油環	1
6	FA12	Emblem	銘牌	2
7	RV09	Head Cover Seal Plug	膠塞	1
8	VA08	Head Cover Gasket	上側蓋菱形油環	1
9	VA09	Head Cover	上側蓋	1
10	FA06	Brand Name Plate	公司銘牌	1
11	FA11	Rivet (2×5)	鉚釘	4
12	H0112	Cylinder Side Cover Casket	圓筒下側蓋墊片	1
13	H0113	Cylinder Side Cover (Upper)	圓筒上側蓋	1
14	H0114	Cover Latch Spring	夾簧	1
15	SV208	Screw (M3-0.5×4.5)	螺絲	1
16	H0116	Cylinder Side Cover (Lower)	圓筒下側蓋	1
17	MDA080	Screw (M3-0.5×8)	螺絲	3
18	VA18	Side Cover Hinge Pin	樞鈕插銷	2
19	H0119	Cylinder Side Cover Hinge	圓筒側蓋樞鈕	1
20	SV217	Screw (M3-0.5×8)	螺絲	2
21	H0121	Machine Frame Unit	機殼	1
22	SF251	Screw (M8-1.25×20)	螺絲	4
23	H0123	Model Plate (See the below)	型號銘牌	1
24	SV232	Screw (M4-0.7×10)	螺絲	1
25	VA26	Fixed Plate	磁鐵固定壓板	1
26	VA27	Magnet Holder	磁鐵	1
27	VA28	Machine Frame Supporting Bar	機體腳樁(短)	3
28	VA29	Oil Reservoir Gasket	油槽止油環	1
29	SF160	Screw (SM3/8-24×12)	螺絲	1
30	RF25	Oil Ring	排油螺絲O形油環	1
31	VA32	Oil Reservoir	油槽	1
32	H0132	Plug	圓鋁塞片	1
33	H0133	Seal Plug	鋁塞	1
34	H0134	Seal Plug	機體腳樁(長)	1
35	H0135	Lower Cylinder Bed	圓筒下巴	1
36	SF231	Screw (M5-0.8×14)	螺絲	4
37	H0137	Oil Reservoir Gasket	止油橡膠條	1
38	H0138	Seal Plug	圓止油墊片	1
39	H0139	Knock Pin	軸承軸	2



MISCELLANEOUS COVERS (2)**機殼及外蓋(2)**

Ref.	Parts			2
No.	No.	Description	產 品 名 稱	Amt . Req .
1	H0201	Cloth Plate(Large)	縫製平台	1
2	SV223	Screw (M4-0.7×14)	螺絲	2
3	SV224	Screw (M4-0.7×7)	螺絲	6
4	SV228	Screw (M4-0.7×8)	螺絲	2
5	H0205	Crank Chamber Cover	曲軸室上蓋	1
6	H0206	Crank Chamber Cover Gasket	曲軸室墊片	1
7	RV09	Seal Plug	膠塞	4
8	VB08	Rear Cover	後蓋	1
9	VB09	Rear Cover Gasket	後蓋墊片	1
10	SV232	Screw (M4-0.7×10)	螺絲	6
11	VB11	Needle Bar Guard	針柱護罩	1
12	MDP080	Screw (M3-0.5×8)	螺絲	2
13	H0213	Supplementary Slide Cover	滑件補助蓋	1
14	MFB080	Screw (M4-0.7×8)	螺絲	2
15	H0215	Stitch Plate Support	針板支架	1
16	VB16	Knock Pin	定出銷	2
17	H0217	Positioning Bushing	定位襯套	1
18	MDB060	Screw (M3-0.5×6)	螺絲	2
19	H0219	Knock Pin	固定銷	1
20	VB23	Fabric Guide (Left)	導布器(左)	1
21	SF205	Screw (M2.6-0.4×5)	螺絲	2
22	VB22	Fabric Guide (Right)	導布器(右)	1
23	SV221	Screw (M4-0.7×8)	螺絲	4
24	GB41	Front Cover Hinge	前蓋鉸鏈	1
25	SV225	Screw (M4-0.7×8)	螺絲	1
26	SV226	Screw (M4-0.7×6)	螺絲	1
27	SV227	Screw (M4-0.7×5)	螺絲	1
28				
29	VB29-1	Conical Spring Washer	錐形彈簧墊圈	2
30	H0230	Front Cover (Lower)	前蓋底座	1
31	NF27	Nut	螺帽	1
32	MFZ100	Screw (M4-0.7×10)	橡膠螺絲	1
33	H0233-1	Front Cover (Upper)	前蓋頂座	1
34	SV211	Screw (M3-0.5×6)	螺絲	3
35	VA14	Cover Latch Spring	夾簧	1
36	SV229	Screw (M4-0.7×7)	螺絲	1
37	GA22	Screw (M4-0.7×6)	螺絲	1
38	SV239-1	Screw (M4-0.7×8)	螺絲	2
39	F0239	Thread Take-up Cover (Front)	提線護蓋	1
40	SV215	Screw (M3-0.5×5)	螺絲	1
41	F0241	Shaft Sprocket Cover	齒輪護蓋	1
42	VB28-0	Washer	墊片	2
43	SV231	Screw (M4-0.7×18)	螺絲	2



MISCELLANEOUS THREAD EYELETS**過線裝置及附件****3**

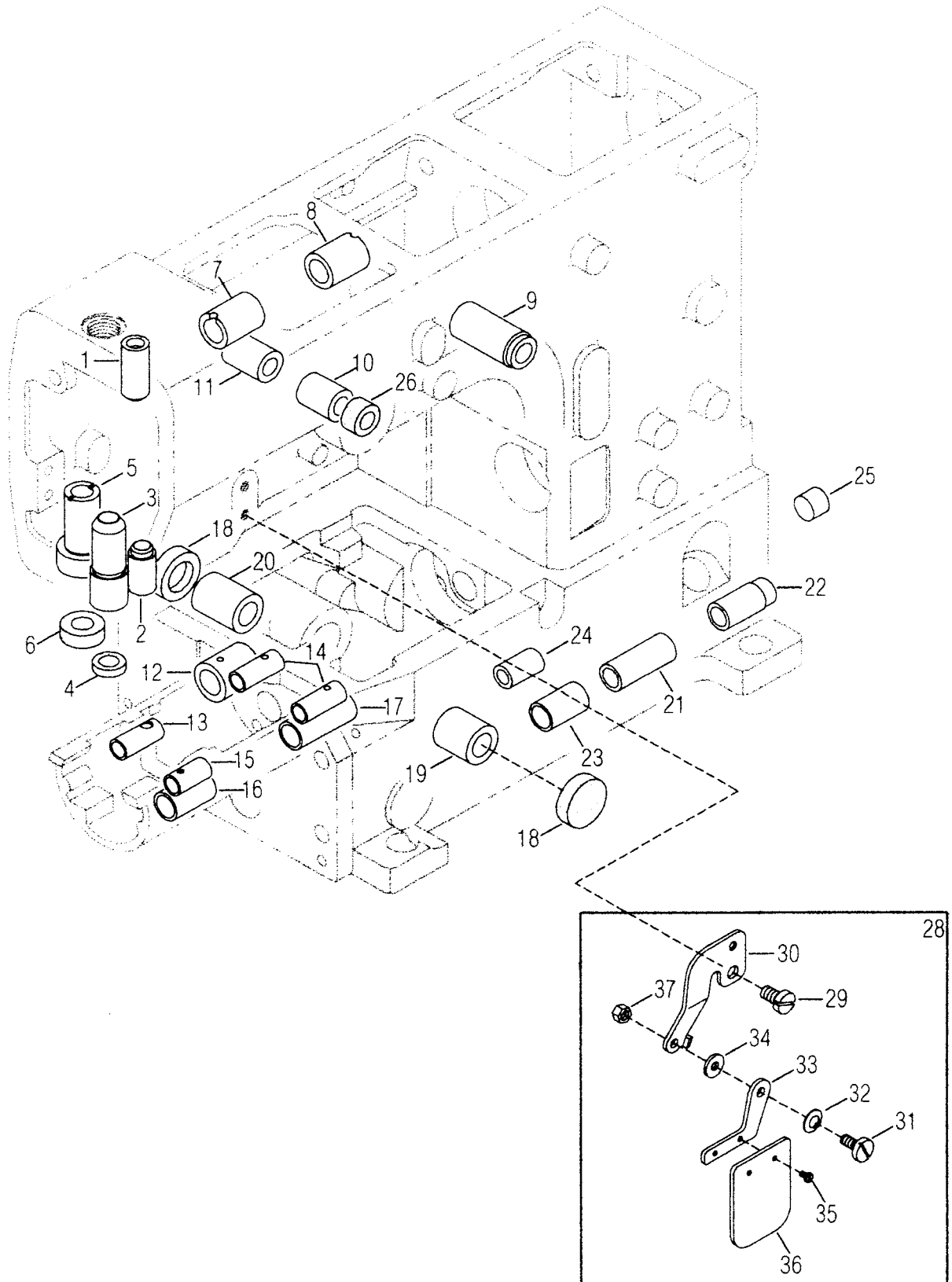
Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	FK20	Thread Tension Spring Cap (R)	上線張力調整鈕(紅)	2
2	FK19	Tension Spring Disc Support	張力調整圓盤	5
3	VC03	Needle Thread Tension Spring	針線張力彈簧	3
4	FK20-1	Thread Tension Spring Cap (B)	上線張力調整鈕(藍)	3
5	VC05	Top Cover Thread Tension Spring	上線張力彈簧	2
6	FJ21	Thread Tension Spring Retainer	上線張力彈簧固定座	5
7	FK12	Felt	氈墊	5
8	FK14	Tension Disc	張力過線盤(大)	10
9	VC09-1	Tension Post	上線張力彈簧支柱	5
10	VC10	Tension Post Ferrule	上線張力支柱隔環	5
11	VC11	Tension Disc Separator	上線張力圓盤鬆線滑板	1
12	VC12	Tension Disc Eyelet	上飾線過線板	5
13	VC13	Thread Lead-in Guide	過線導片	5
14	VC14	Tension Post Support	上線張力組支柱座	1
15	SV221	Screw (M4-0.7×8)	螺絲	13
16	VC16	Top Cover Thread Eyelet (Left)	上飾線導線桿(左)	1
17	VC17	Thread Eyelet Pipe (Long)	過線導管(長)	1
18	VC18	Thread Eyelet Pipe (Short)	過線導管(短)	1
19	SV227	Screw (M4-0.7×5)	螺絲	2
20	VC20	Thread Eyelet Pipe Stay	過線導管固定座	1
21	VC21	Thread Guide Plate	過線導板	1
22	VC22	Top Cover Thread Eyelet (Right)	上飾線過線桿(右)	1
23	WF04	Washer	墊片	2
24	F0324	SP Device , Complete Set	矽油盒組	1
25	VC25	SP Cover	矽油槽	1
26	VC26	Felt	氈墊	1
27	F0327	Needle Thread Eyelet	導線過線架	1
28	SF111	Screw (SM9/64-40×6.7)	螺絲	2
29	VC29-1	Needle Thread Guide	針線導架	1
30	VC30	Guide Pin	固定插銷	1
31	VC31	Needle Thread Eyelet	揚線臂護線罩	1
32	SV262	Screw (M6-1.0×10)	螺絲	1
33	VC33	Needle Thread Retainer Support	針線張力調整組固定座(小)	1
34	VC34	Thread Retainer Disc Support	針線張力導板	1
35	VC35	Needle Thread Retainer Disc	針線張力調整組壓板(小)	1
36	VC36	Needle Thread Retainer Spring	針線張力彈簧	1
37	SV108	Screw (SM1/8-44)	螺絲	1
38	VC38	Top Cover Thread Guide	上飾線導板	1
39	VC39	Supplementary Thread Guide	上飾線輔助導板	1
40	VC40	Tension Post	上飾線張力調整組支柱	1

* Ref. No. 41 to 67 See the following page

MISCELLANEOUS THREAD EYELETS
過線裝置及附件
3

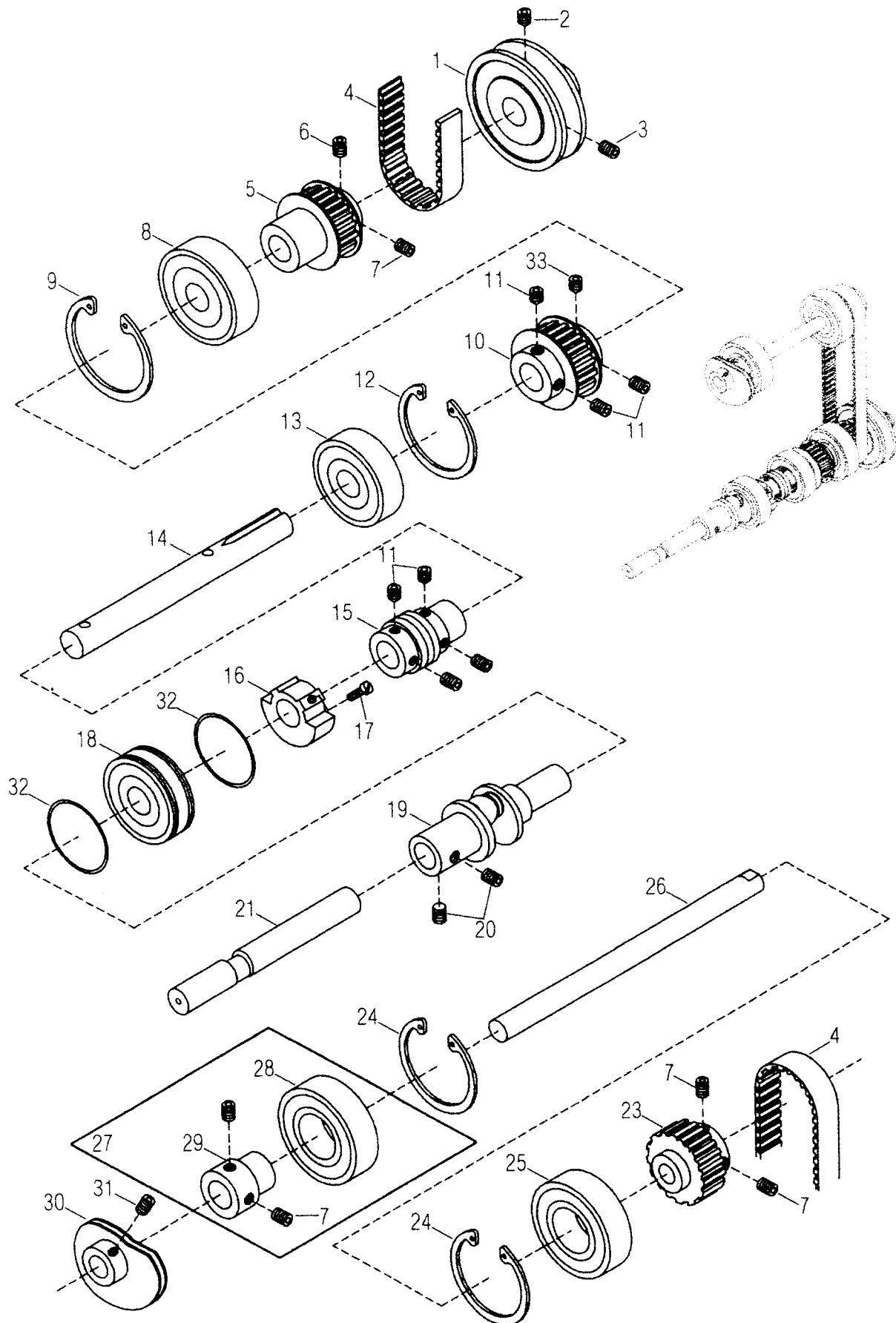
Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Req .
41	FC24	Supplementary Tension Disc	上飾線過線盤(小)	4
42	VC42	Supplementary Tension Spring	彈簧	2
43	VC43	Nut	螺帽	1
44	F0344	Connection	結合墊塊	1
45	VC45	Thread Take-up Eyelet Bracket	提線組托架	1
46	VC46	Looper Thread Eyelet	下勾針過線板	1
47	SV218	Screw (M3-0.5)	螺絲	1
48	VC49-1	Thread Take-up Eyelet Holder	提線托板	1
49	VK48	Washer	墊片	1
50	VB29-1	Conical Spring Waher	錐形彈簧墊片	1
51	SV240	Screw (M4-0.7)	螺絲	1
52	VC53-1	Looper Thread Guide	下飾線托線板	1
53	SV214	Screw (M3-0.5)	螺絲	4
54	SV206	Screw (M2.5-0.45×3.5)	螺絲	5
55	VC55	Thread Take-up Eyelet (Right)	調線板(右)	1
56	VC57	Thread Take-up Eyelet (Left)	調線板(左)	1
57	VC58	Latch Spring	鎖門彈簧	1
58	VC59	Thread Take-up Cover (Rear)	提線護蓋(後)	1
59	SF224	Screw (M4-0.7)	螺絲	2
60	F0360	Looper Thread Eyelet (Center)	下飾線過線板(中)	1
61	VC62	Looper Thread Eyelet (Right)	下飾線過線板(右)	1
62	FA10-4	Needle Thread Eyelet	針線過線板	1
63	SF221	Screw (M4-0.7×20)	螺絲	2
64				
65	VC25-1	Sp Container Cover	儲油槽蓋	1
66	PF10-1	Pin	空心銷	2
67	F0367	Thread Eyelet Support	導線支柱	3

※ Ref. No. 1 to 40 See the preceding page.



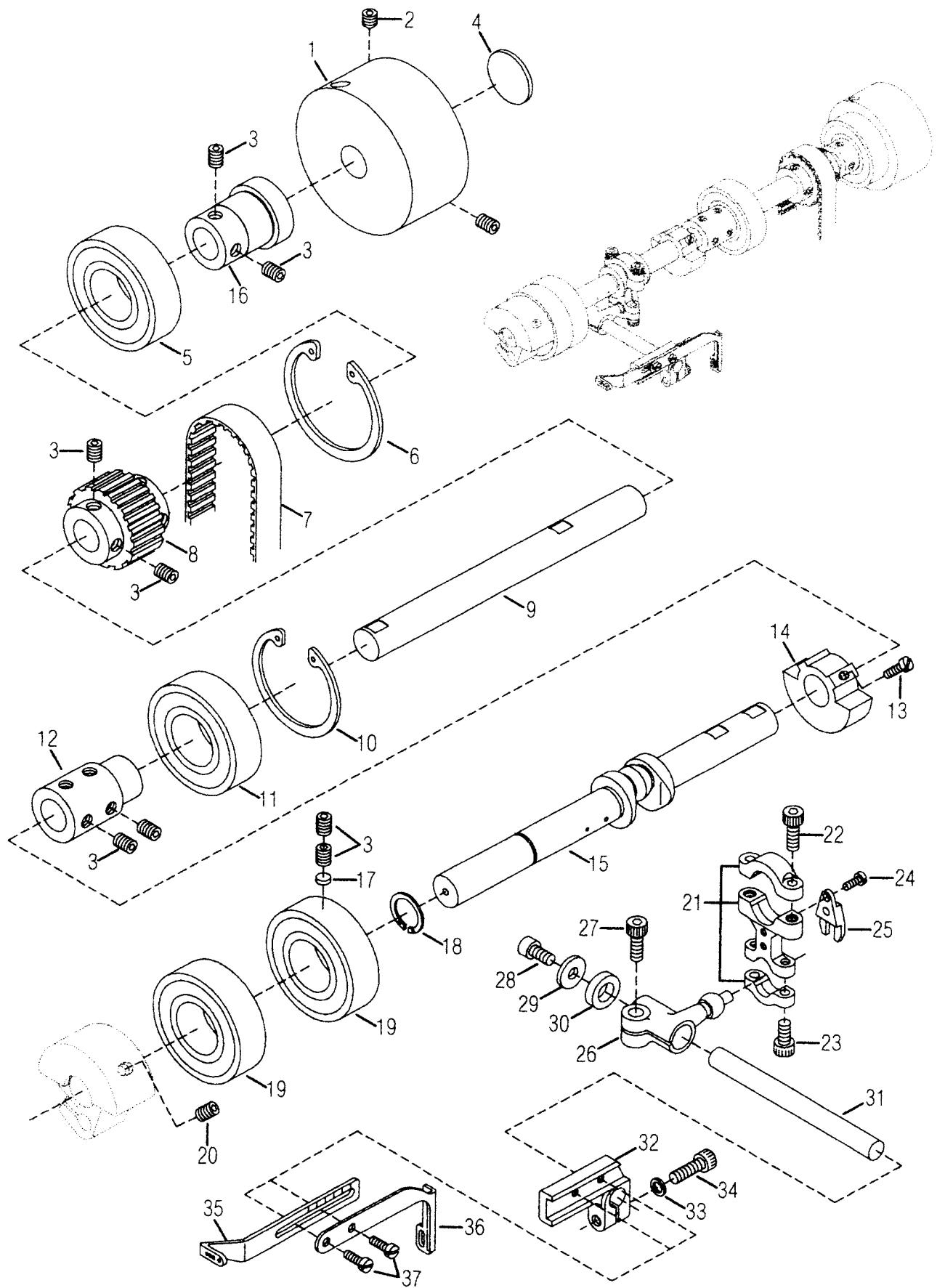
MISCELLANEOUS BUSHINGS & EYE GUARD**套管裝置及護目鏡****4**

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	VD01	Needle Bar Bushing (Upper)	針柱套管(上)	1
2	VD02	Needle Bar Bushing (Lower)	針柱套管(下)	1
3	VD03	Persser Bar Bushing	壓腳套管	1
4	VD04	Oil Seal	止油環	1
5	VD05	Spreader Driving Bar Bushing	上飾線結線套管	1
6	VD06	Oil Seal	止油環	1
7	VD07	Spreader Driving Shaft Bushing (Left)	上飾線結線器傳動軸套管(左)	1
8	VD08	Spreader Driving Shaft Bushing (Right)	上飾線結線器傳動軸套管(右)	1
9	VD09	Foot Lifter Lever Bushing	抬壓腳連桿套管	1
10	VD10	Needle Thread Take-up Bushing (Front)	針線揚線桿套管(前)	1
11	VD11	Needle Thread Take-up Bushing (Rear)	針線揚線桿套管(後)	1
12	H0412	Lower Shaft Bushing	下傳動軸套管	1
13	H0413	Lower Shaft Bushing	差動送料具套管	1
14	H0414	Differential Feed Bar Shaft Bushing (Right)	送料具傳動軸套管(右)	2
15	H0415	Differential Feed Bar Shaft Bushing (Left)	送料具傳動軸套管(左)	1
16	H0416	Feed Bar Lift Shaft Bushing (Left)	差動送料具傳動軸套管(左)	1
17	H0417	Feed Bar Lift Shaft Bushing (Right)	差動送料具傳動軸套管(右)	1
18	VD21	Seal Plug	止油封塞	2
19	VD19	Looper Driving Shaft Bushing (Front)	下勾針傳動軸套管(前)	1
20	VD20	Looper Driving Shaft Bushing (Rear)	下勾針傳動軸套管(後)	1
21	H0421	Micro Differential Feed Adjustment Bushing (Left)	微調差動軸套管(左)	1
22	H0422	Micro Differential Feed Adjustment Bushing (Right)	微調差動軸套管(右)	1
23	H0423-1	Rocker Shaft Bushing	搖臂軸套管	1
24	H0424	Feed Bar Lift Shaft Bushing (Rear)	送料具傳動軸套管(後)	1
25	H0425	Seal Plug	塑鋼塞	2
26	VD32	Oil Seal	止油環	1
27				
28	VD22	Eye Guard, Complere Set	護目鏡組	1
29	SV262	Screw (M6-1×10)	螺絲	1
30	VD23	Eye guard Bracket	護目鏡固定座	1
31	SV126	Screw (SM11/64-40)	螺絲	1
32	FA26	Conical Spring Washer	錐形彈簧墊片	1
33	VD27	Eye Guard Holder	護目鏡支架	1
34	FA24	Washer	墊片	1
35	SV104	Screw (SM3/32-56×5)	螺絲	2
36	VD25	Eye Guard	護目鏡片	1
37	NF12	Nut	螺帽	1



MAIN SHAFT DRIVING MECHANISM**下主軸傳動機構****5**

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	VE01	Pulley	皮帶輪	1
2	SV261	Screw (M6-1×8)	螺絲(尖)	4
3	SV264	Screw (M6-1×8)	螺絲	1
4	VE04-1	Timing Belt	齒形皮帶	1
5	G0505	Shaft Sprocket (Lower)	齒形皮帶輪	1
6	SV257	Screw (M5-0.8×7)	螺絲	1
7	SV250	Screw (M5-0.8×5)	螺絲	5
8	VE06	Ball Bearing (Right)	滾珠培林(右)	1
9	VE07	Retaining Ring	扣環	1
10	GE07	Main Shaft Sprocket (Lower)	下主軸齒形輪	1
11	SF240	Screw (M6-1×6)	螺絲	5
12	VE09	Retaining Ring	扣環	1
13	VE10	Ball Bearing (Middle)	滾珠培林(中)	1
14	VE11	Lower Shaft (Right)	下傳動軸(右)	1
15	VE12	Oil Pump Driving Worm	油泵傳動螺桿	1
16	H0516	Counterweight (Small)	平衡配重凸輪	1
17	SV227	Screw (M4-0.7×5)	螺絲	2
18	GE11	Ball Bearing (Left)	滾珠培林(左)	1
19	H0519	Lower Crankshaft	下曲軸	1
20	SV260	Screw (M6-1×5)	螺絲	2
21	H0521-1	Lower Shaft (Left)	下傳動軸(左)	1
22				
23	G0542	Thread Take-up Shaft Sprocket (Upper)	上提線齒形輪	1
24	VE21	Retaining Ring	扣環	2
25	VE22	Ball Bearing	滾珠培林	1
26	F0526	Looper Thread Take-up Shaft	下勾針提線主軸	1
27	VE25	Adapter (Left) , C . Set	軸環組(左)	1
28	VE26	Ball Bearing	滾珠培林	1
29	VE27	Collar	軸套	1
30	F0530	Looper Thread Take-up	下勾針提線輪	1
31	SF142	Screw (SM7/32-32×4)	螺絲	2
32	GE59	Oil Seal	油封	2
33	SV271	Screw (M6-1.0×6)	螺絲(尖)	1

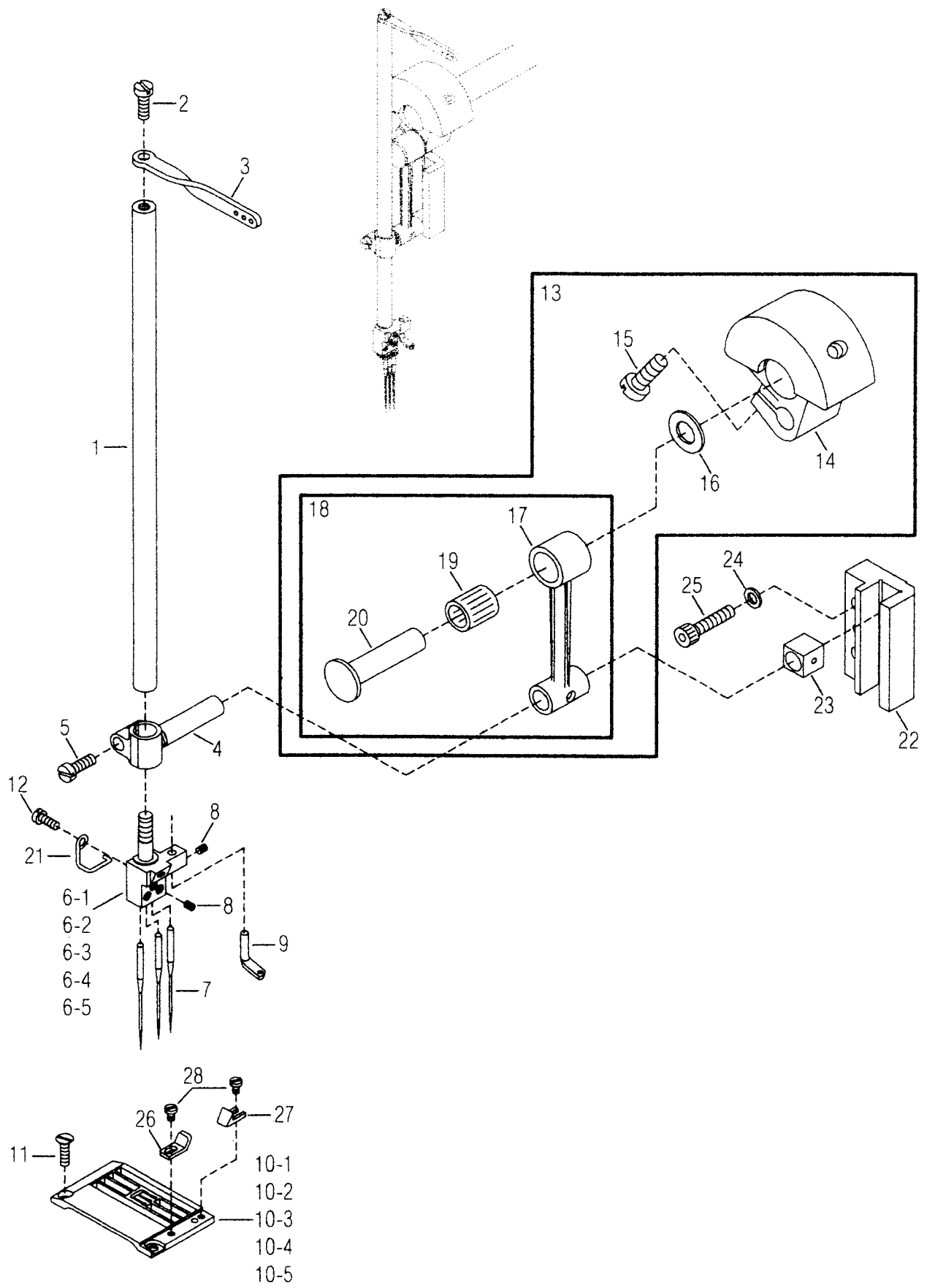


UPPER SHAFT & NEEDLE THREAD TAKE-UP MECHANISM

上主軸及針線揚線機構

6

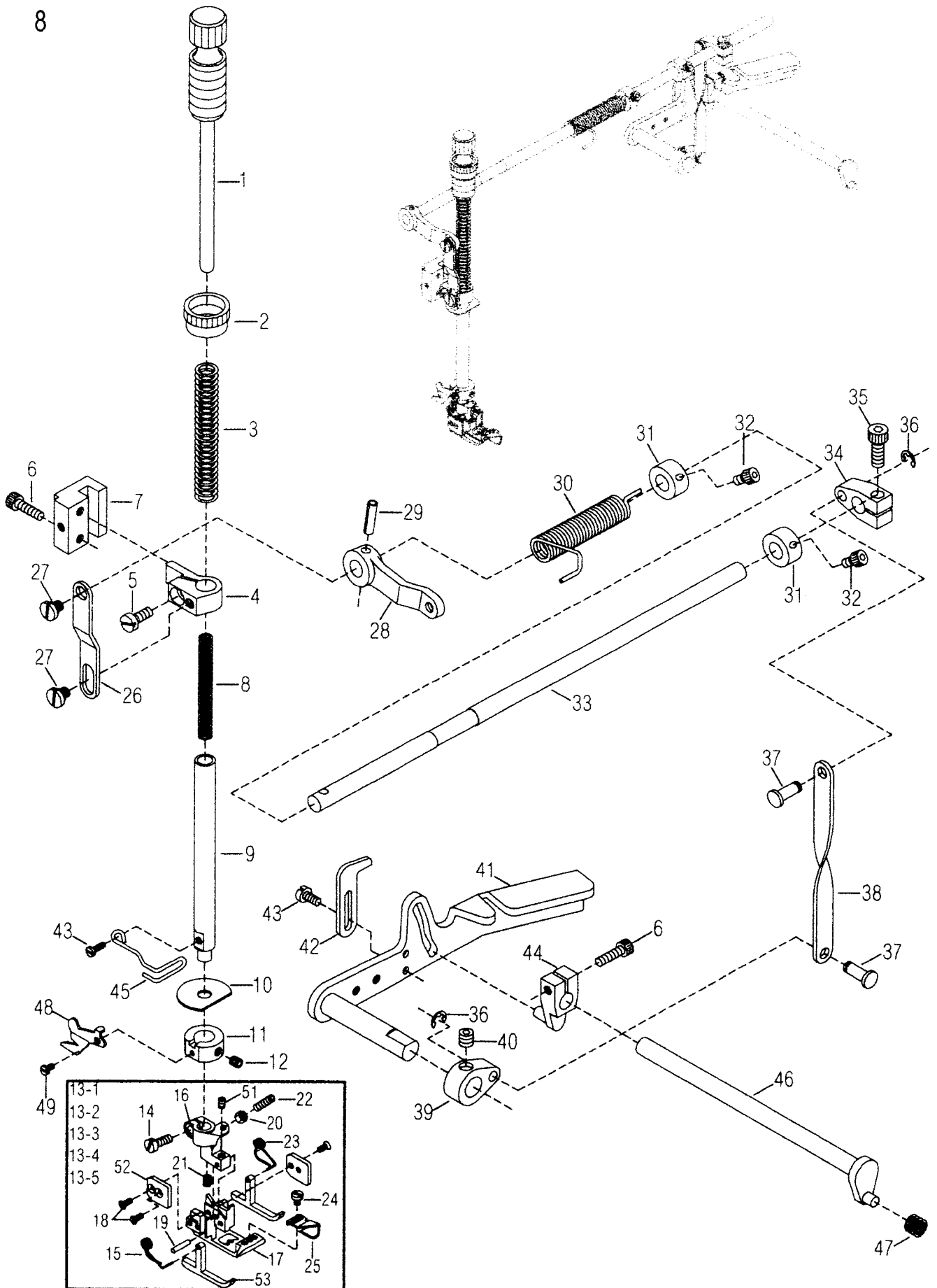
Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	G0601-2	Handwheel	手推輪	1
2	SF241	Screw (M6-1×10)	螺絲	2
3	SF240	Screw (M6-1×6)	螺絲	12
4	VF04	Handwheel Mark	手推輪商標銘牌	1
5	VE06	Ball Bearing	滾珠培林	1
6	VE07	Retaining Ring	扣環	1
7	GF07	Timing Belt	同步傳動齒形皮帶	1
8	GF08	Upper Shaft Sprocket (Upper)	上主軸齒形輪(上)	1
9	VF09	Upper Shaft	上主軸傳動軸	1
10	VE09	Retaining Ring	扣環	1
11	VE10	Ball Bearing	滾珠培林	1
12	VF12	Upper Shaft Joint	上主軸接頭	1
13	SV221	Screw (M4-0.7×8)	螺絲	2
14	VE13	Counterweight (Small)	平衡配重凸輪	1
15	VF15	Upper Crank Shaft	上曲軸	1
16	VF05	Adapter	軸套管	1
17	VF17	Rubber Seat	減震墊	1
18	VF18	Retaining Ring	扣環	1
19	VF19	Ball Bearing	滾珠培林	2
20	SV275	Screw (M8-1.25×16)	螺絲	2
21	VF21	Connecting Rod	萬向連桿	1
22	SV223	Screw (M4-0.7×14)	螺絲	2
23	SF226	Screw (M4-0.7×12)	螺絲	2
24	SV213	Screw (SM1/8-44×8)	螺絲	2
25	VF25	Guide Fork	叉形導片	1
26	VF26	Driving Lever	傳動桿	1
27	SV268	Screw (M6-1.0×16)	螺絲	1
28	SV252	Screw (M5-0.8×10)	螺絲	1
29	VF29	Washer	墊片	1
30	VF30	Spacer	襯套	1
31	VF31	Driving Shaft	傳動軸	1
32	VF32	Bracket	托架	1
33	SW06	Spring Washer	彈簧墊片	1
34	SV253	Screw (M5-0.8×16)	螺絲	1
35	VF35	Needle Thread Take-up	針線揚線桿	1
36	VF36	Top Cover Thread Take-up	上飾線揚線桿	1
37	SV310	Screw (M3.5-0.6×8)	螺絲	2



NEEDLE BAR MECHANISM**針棒機構****7**

Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
1	VG01	Needle Bar	針柱	1
2	SF114	Screw (SM9/64-40×7.5)	螺絲	1
3	VG03	Needle Bar Thread Eyelet	針柱頂線過線桿	1
4	F0704	Needle Bar Bracket	針柱驅動架	1
5	SV232	Screw (M4-0.7×10)	螺絲	1
6-1	VG240	Needle Clamp (240)	針鉗(2針4.0)	
6-2	VG248	Needle Clamp (248)	針鉗(2針4.8)	
6-3	VG356	Needle Clamp (356)	針鉗(3針5.6)	1
6-4	VG364	Needle Clamp (364)	針鉗(3針6.4)	
6-5	VG464	Needle Clamp (464)	針鉗(4針6.4)	
7	UY128	Needle (UY128 GAS)	針	3
8	SF106	Screw (SM1/8-44 × 2.7)	螺絲	4
9	FC38	Top Cover Thread Eyelet	上飾線過線桿	1
10-1	VG40211	Stitch Plate (240)	針板(2針4.0)	
10-2	VG48211	Stitch Plate (248)	針板(2針4.8)	
10-3	VG56311	Stitch Plate (356)	針板(3針5.6)	1
10-4	VG64311	Stitch Plate (364)	針板(3針6.4)	
10-5	VG64411	Stitch Plate (464)	針板(4針6.4)	
11	SV215	Screw (M3-0.5×5)	針板螺絲	2
12	SF205	Screw (M2.6-0.4×5)	螺絲	1
13	F0712	Counterweight , Complete Set	平衡配重凸輪組	1
14	VG14	Counterweight	平衡配重凸輪	1
15	SV252-1	Screw (M5-0.8×9)	螺絲	1
16	VG16	Connecting Rod Ring	連桿襯墊	1
17	F0717	Connecting Rod	連桿	1
18	F0716	Connecting Rod , Complete Set	連桿組	1
19	VG19	Roller Bearing	培林	1
20	VG20	Connecting Rod Pin	連桿插銷	1
21	VG21-1	Eyelet Spring	針鉗固定線	1
22	F0722	Needle Bar Guide	針柱定位導槽	1
23	VG22	Slide Block	針柱定位滑塊	1
24	WF03	Washer	墊片	2
25	SV247	Screw (M4-0.7×20)	螺絲	2
26	VG36	Fabric Guide (Left)	布導器(左)	1
27	VG35	Fabric Guide (Right)	布導器(右)	1
28	SV102	Screw (SM3/32-56×3.5)	螺絲	2

8



PRESSER FOOT MECHANISM**押腳機構**

Ref.	Parts			8
No.	No.	Description	產 品 名 稱	Amt . Req .
1	VH01	Presser Spring Regulator	壓力調節樁	1
2	VH03	Lock Nut	螺帽	1
3	VH04	Presser Bar Spring (Outer)	壓腳棒彈簧(外)	1
4	VH05	Presser Bar Connecting Bracket	壓腳固定臂	1
5	SF124	Screw (SM11/64-40×10.5)	螺絲	1
6	SV223	Screw (M4-0.7×14)	螺絲	3
7	VH07	Presser Bar Guide	固定臂導槽	1
8	VH09	Presser Bar Spring (Inner)	壓腳棒彈簧(內)	1
9	VH10	Presser Bar	壓腳桿	1
10	VH11	Oil Protector Ring	矽膠片	1
11	VH12	Collar (9 × 17 × 7mm)	限動環	1
12	SF228	Screw (M4-0.7×4)	螺絲	1
13-1	VH240	Presser Foot , Complete Set (240)	壓腳組(2針4.0)	
13-2	VH248	Presser Foot , Complete Set (248)	壓腳組(2針4.8)	
13-3	VH356	Presser Foot , Complete Set (356)	壓腳組(3針5.6)	1
13-4	VH364	Presser Foot , Complete Set (364)	壓腳組(3針6.4)	
13-5	VH464	Presser Foot , Complete Set (464)	壓腳組(4針6.4)	
14	SF116	Screw (SM9/64-40×8)	螺絲	1
15	VH16	Presser Foot Spring (Left)	壓腳彈簧(左)	1
16	VH54	Upper Presser Foot	壓腳頭	1
17	VH55	Lower Presser Foot	壓腳底	1
18	SV103	Screw (SM3/32-56×5)	螺絲	4
19	VH20	Presser Foot Hinge Pin	壓腳結合插銷	1
20	NV11	Lock Nut	保險螺帽	1
21	VH21	Presser Foot Spring	彈簧	1
22	SV109	Screw (SM1/8-44×10)	螺絲	1
23	VH24	Presser Foot Spring (Right)	壓腳彈簧(右)	1
24	SV206	Screw (M2.5-0.45×3.5)	螺絲	1
25	VH26	Fabric Guide (Long)	分割片	1
26	VH27	Lifter Link	提升連桿	1
27	SF134-1	Screw (SM3/16-32)	螺絲	2
28	VH29	Lifter Link Lever	提升連結拉柄	1
29	VH30	Fastener Pin	固定銷	1
30	VH31	Lifter Spring	提升扭簧	1
31	VH32	Collor (8mm×16mm×8mm)	定位環	2
32	SF222	Screw (M4-0.7×6)	螺絲	4
33	VH34	Lifter Shaft	壓腳提升主軸	1
34	VH35	Intermediate Lever	連接拉柄	1
35	SF231	Screw (M5-0.8×14)	螺絲	1
36	EF03	Retaining Ring	扣環 ETW-3	2
37	VH39	Connecting Pin	連結銷	2
38	VH40	Connecting Plate	連結器	1
39	VH41	Lifter Lever (Small)	提升拉柄(小)	1
40	SF240	Screw (M6-1×6)	螺絲	1

* Ref. No. 41 to 53 See the following page

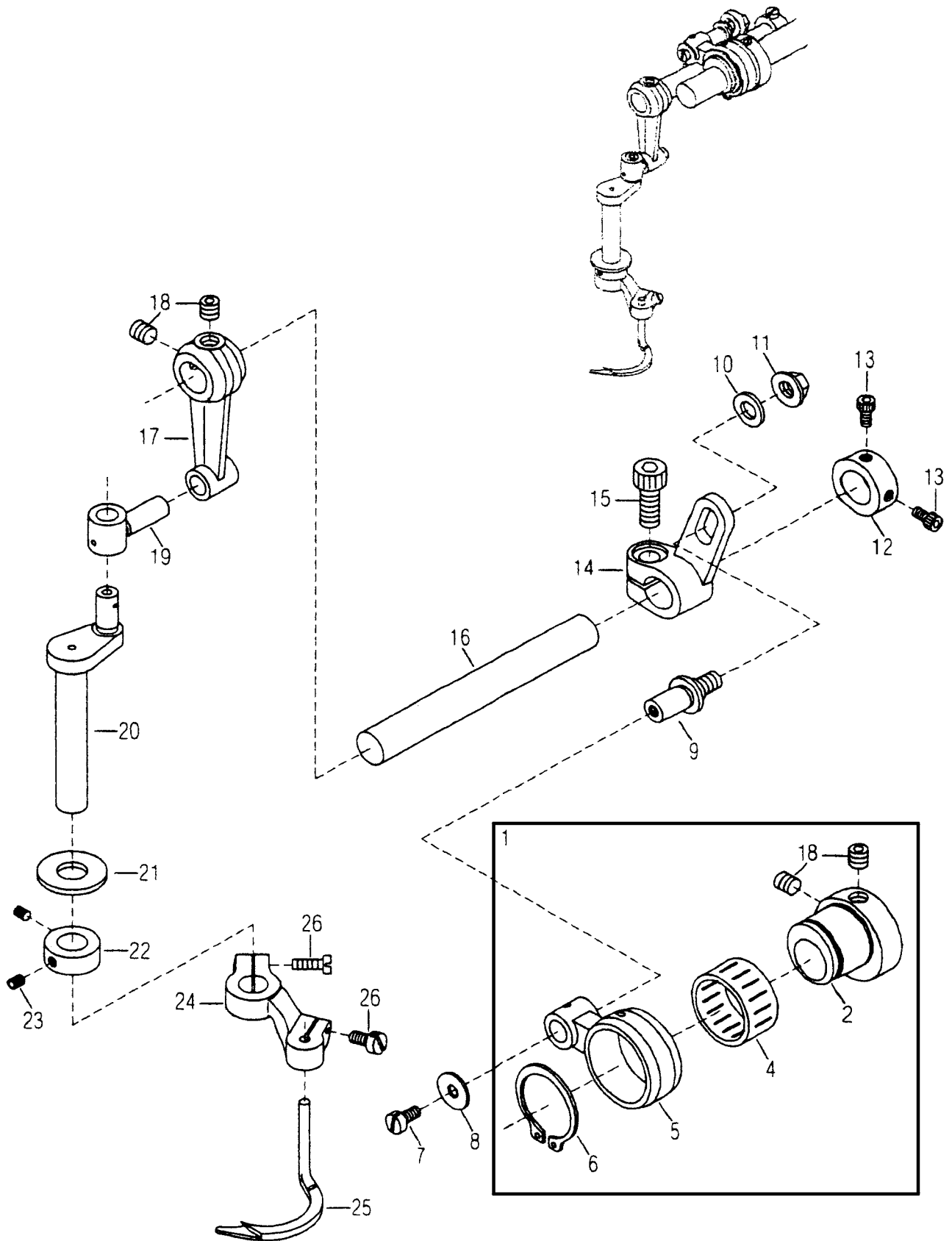
PRESSER FOOT MECHANISM

押腳機構

8

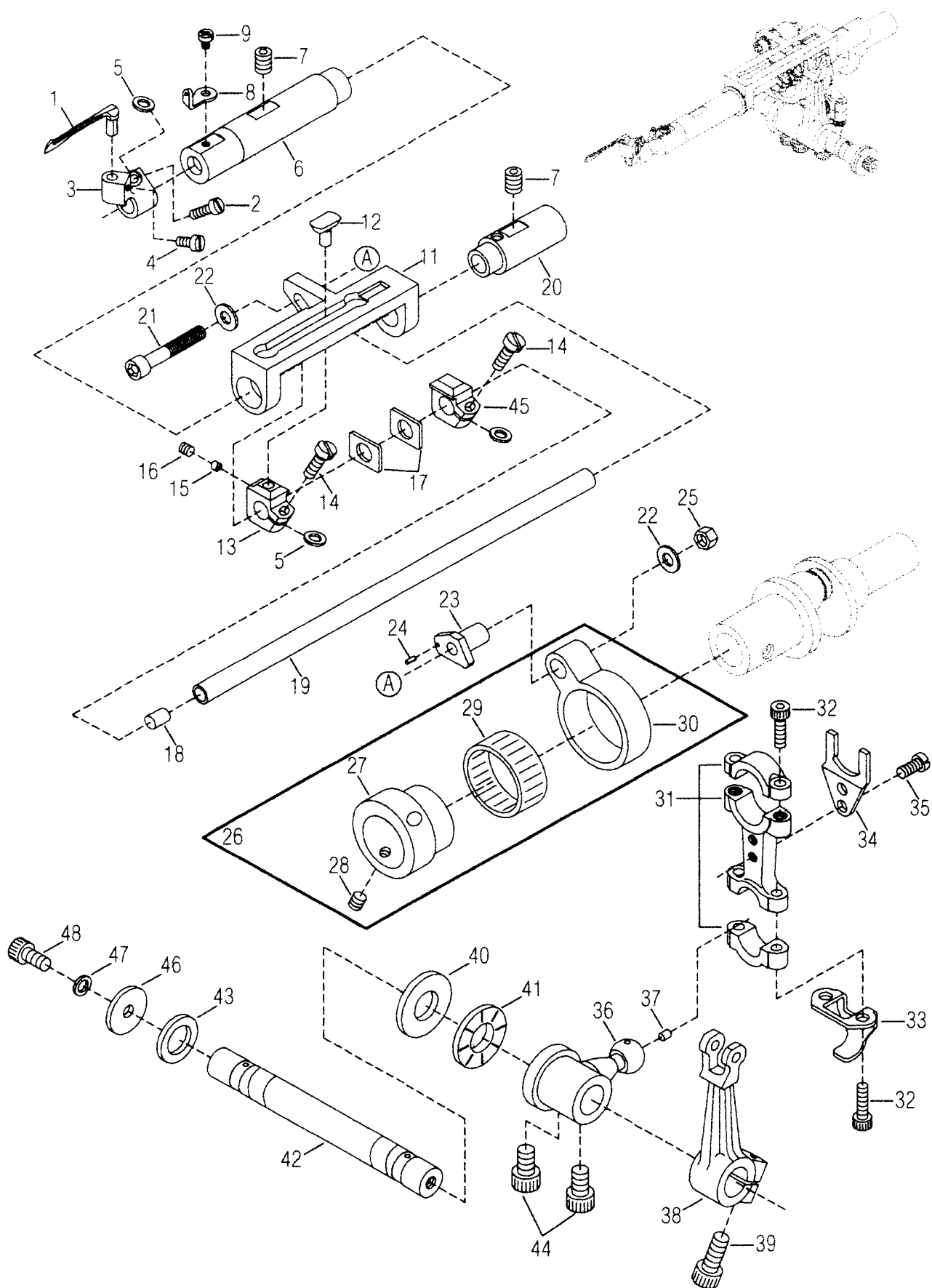
Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
41	VH42	Lifter Lever	揚升臂	1
42	VH43	Lifter Lever Stop	提升限位片	1
43	SF114	Screw (SM9/64-40×7)	螺絲	3
44	VH46	Tension Release Lever	拉力釋放槓桿	1
45	GH47	Safety Spring	安全護線	1
46	VH48-1	Tension Release Shaft	拉力釋放曲軸	1
47	VH49	Vibration Absorb Spring	防震彈簧	1
48	VH50	Thread Chain Cutting Knife	割線刀	1
49	SV102	Screw (SM3/32-56×3.5)	螺絲	1
50				
51	SF106	Screw (SM1/8-44×2.8)	螺絲	1
52	VH52	Fixed Plate	方形固定片	2
53	VH53	Left Presser Foot Presser	T形船導片	2

※ Ref. No. 1 to 40 See the preceding page.



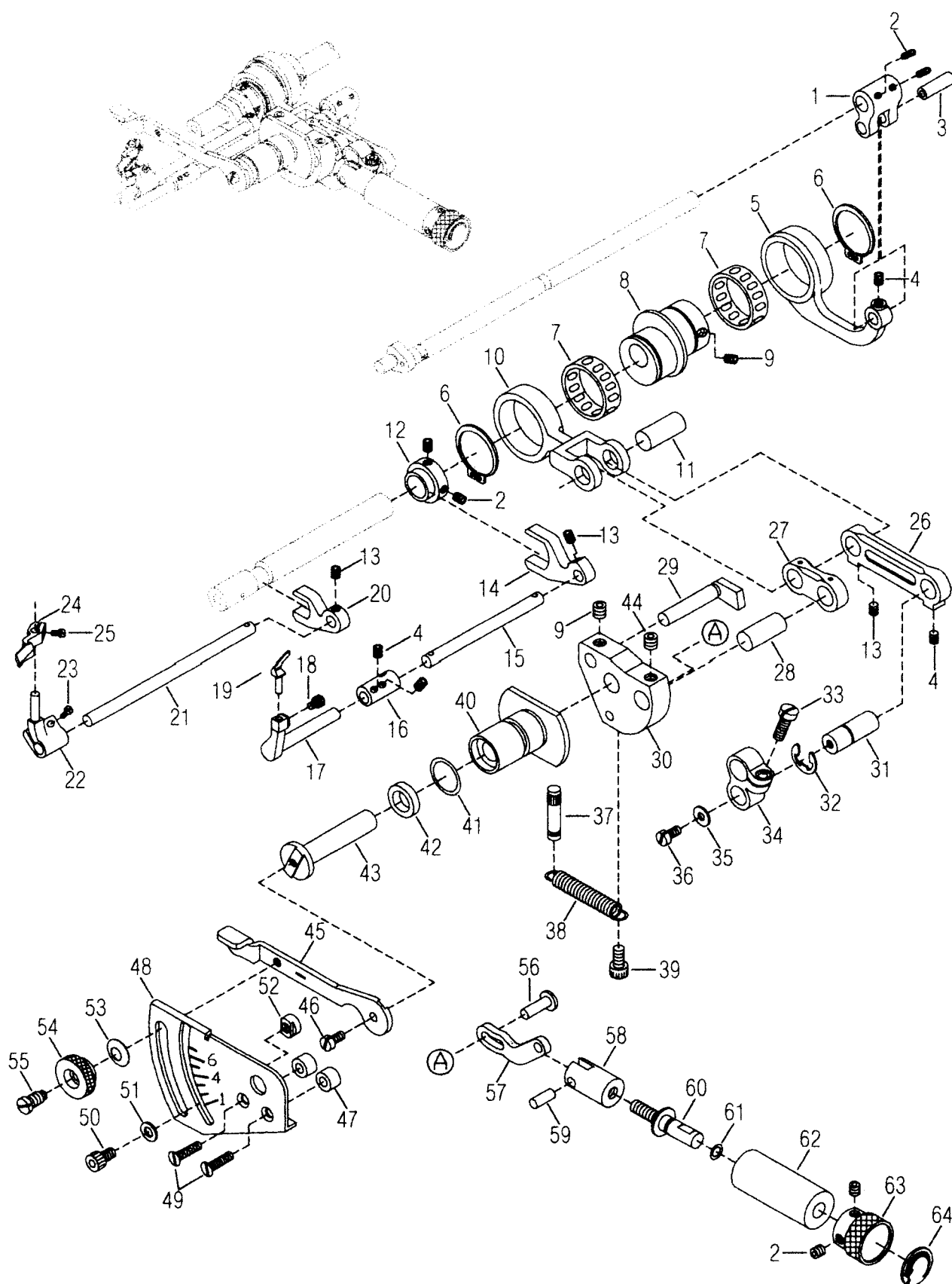
SPREADER MECHANISM**上節線勾針機構****9**

Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req.
1	VI01	Connecting Rod , Complete Set	偏心連桿組	1
2	VI02	Eccentric	偏心輪	1
3				
4	FH19	Roller Bearing	滾針培林	1
5	VI05	Connecting Rod	培林殼連桿	1
6	VI06	Retaining Ring	扣環	1
7	SV221	Screw (M4-0.7×8)	螺絲	1
8	VI08	Washer	墊片	1
9	VI09	Adjusting Lever Pin	可調式插銷	1
10	WF06	Washer	墊片	1
11	NF31	Nut (M6-1.0)	螺帽	1
12	VI12	Collar (12mm × 18mm × 7mm)	軸環	1
13	SF222	Screw (M4-0.7×6)	螺絲	2
14	VI14	Adjusting Lever	可調式接柄	1
15	SV268	Screw (M6-1.0×16)	螺絲	1
16	VI16	Driving Shaft	主動軸	1
17	VI17	Rocking Arm	搖臂	1
18	SF240	Screw (M6-1.0×6)	螺絲	4
19	VI19	Rocking Pin	延展臂	1
20	VI20	Spreader Bar	上勾針臂	1
21	VI21	Bushing Ring	襯片	1
22	VI22	Collar (10 × 18 × 7mm)	定位軸環	1
23	SF228	Screw (M4-0.7×4)	螺絲	2
24	VI24	Spreader Holder	裝飾線擺動臂	1
25	VI25	Spreader	裝飾線結線勾	1
26	SV222	Screw (M4-0.7×12)	螺絲	2



LOOPER DRIVING MECHANISM**下勾針驅動機構****10**

Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Req .
1	VJ01-1	Looper	下勾針	1
2	SV310	Screw (M3.5-0.6×8)	螺絲	1
3	H1003-1	Looper Holder	結線勾座	1
4	MEA050	Screw (M3.5-0.6×5)	螺絲	1
5	VJ05	Spacer (Fiber)	紅墊片	3
6	H1006	Looper Bar Bushing	下勾針驅動軸襯套(左)	1
7	SV264	Screw (M6-1×8)	螺絲	2
8	VJ08	Looper Thread Eyelet	勾針過線片	1
9	SV210	Screw (M3-0.5×4)	螺絲	1
10				
11	VJ12-1	Looper Bar Guide	下勾針驅動軸導槽	1
12	VJ13-1	Slider	滑塊	1
13	H1013	Slider Holder (L)	滑塊固定座(左)	1
14	MFB100	Screw (M4-0.7×10)	螺絲	2
15	VJ17	Slider Presser	滑塊定位壓塊	1
16	SF228	Screw (M4-0.7×4)	螺絲	1
17	VJ19	Silder Presser	止推墊片	2
18	VJ20	Seal Plug	封閉塞	1
19	VJ21-1	Looper Bar	驅動軸	1
20	H1020	Looper Bar Guide Shaft	下勾針驅動軸襯套(右)	1
21	SV254	Screw (M5-0.8×30)	螺絲	1
22	VJ25	Washer	墊片	2
23	VJ26	Looper Rocker Adjusting Pin	下勾針搖臂調整銷	1
24	VJ27	Roll Pin	棍子銷	1
25	NV12	Nut	螺帽	1
26	VJ29	Looper Rocker Connecting Rod , C . Set	下勾針搖臂連桿組	1
27	F1027	Looper Rocker Regulating Eccentric	下勾針搖臂可調偏心輪	1
28	SV250	Screw (M5-0.8×5)	螺絲	1
29	VJ32	Roller Bearing	滾針軸承	1
30	VJ33	Looper Rocker Connecting Rod	下勾針培林殼連桿	1
31	VJ34	Looper Connecting Rod	雙球連桿	1
32	SV223	Screw (M4-0.7×14)	螺絲	4
33	VJ36	Oil Splashier	撥油片	1
34	VJ37	Guide Fork	定位叉	1
35	SV122	Screw (SM11/64-40×9)	螺絲	2
36	VJ39	Looper Driving Lever	下勾針驅動桿	1
37	VJ40	Seal Plug	封塞	1
38	H1038	Looper Rocker Arm	下勾針搖臂	1
39	SV270	Screw (M6-0.75×15)	螺絲	1
40	VJ43	Thrust Plate	推力墊圈	1
41	VJ44	Thrust Roller Bearing	推力滾針培林	1
42	F1042	Looper Driving Shaft	下勾針主軸	1
43	F1043	Driving Washer	推力墊圈(小)	1
44	MIP080	Screw (M6-1.0×8)	螺絲	2
45	H1045	Slide Holder (Right)	定位塊(右)	1
46	F1046	Washer	墊片	1
47	SW06	Spring Washer	彈簧墊片	1
48	SV252	Screw (M5-0.8×10)	螺絲	1



FEED DRIVING CONTROL MECHANISM & NEEDLE GUARD

頂針與送料驅動調整機構

11

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	H1101	Feed Lift Lever	送料具提升桿	1
2	SV250	Screw (M5-0.8×5)	螺絲	6
3	VK03	Connecting Rod Pin	連桿銷	1
4	SV242	Screw (M4-0.7×3)	螺絲	5
5	H1105	Feed Lift Connecting Rod	培林連桿	1
6	VK06	Retaining Ring	扣環	2
7	H1107	Roller Bearing	滾針培林	2
8	H1108	Feed Eccentric	送料具偏心輪	1
9	SF240	Screw (M6-1.0×6)	螺絲	5
10	H1110	Feed Connecting Rod	送料具連桿	1
11	VK11	Connecting Rod Pin	連桿軸 (長)	1
12	H1112	Needle Guard Eccentric	頂針片偏心輪(前)	1
13	MFR050	Screw (M4-0.7×5)	螺絲	3
14	H1114	Needle Guard Lever (Front)	頂針擺動曲柄(前)	1
15	H1115	Needle Guard Connecting Shaft	(前)頂針連接軸	1
16	H1116	Connecting Bushing	連接軸套	1
17	H1117	Needle Guard Holder (Rear)	頂針固定座(前)	1
18	MDP040	Screw (M3-0.5×4)	螺絲	1
19	H1119	Needle Guard (Front)	頂針片(前)	1
20	H1120	Needle Guard Lever (Rear)	頂針擺動曲柄(後)	1
21	H1121	Needle Guard Connecting Shaft (Rear)	(後)頂針連接軸	1
22	H1122	Needle Guard Holder (Rear)	頂針固定座(後)	1
23	GB37	Screw (M4-0.7×8)	螺絲	1
24	H1124	Needle Guard (Rear)	頂針片(後)	1
25	MDA060	Screw (M3-0.5×6)	螺絲	1
26	H1126	Lever Link (Long)	提環桿(長)	1
27	VK13	Lever Link (Short)	提環桿(短)	1
28	VK14	Connecting Rod Pin	連桿插銷	1
29	VK21	Connecting Rod Guide	連桿導軸	1
30	VK20	Control Bracket	三角承座	1
31	H1131	Lever Link Pin	棍子銷	1
32	H1132	Retaining Ring	扣環 ETW-8	1
33	SF220	Screw (M4-0.7×10)	螺絲	1
34	H1134	Differential Feed Shaft Lever	進給軸拉柄	1
35	VI08	Washer	墊片	1
36	SV221	Screw (M4-0.7×8)	螺絲	1
37	VK24	Spring Holding Pin	彈簧掛桿	1
38	VK22	Control Bracket Spring	拉簧	1
39	SV252	Screw (M5-0.8×10)	螺絲	1
40	H1140	Control Lever Shaft Bushing	控制桿軸銅襯套	1

* Ref. No. 41 to 64 See the following page

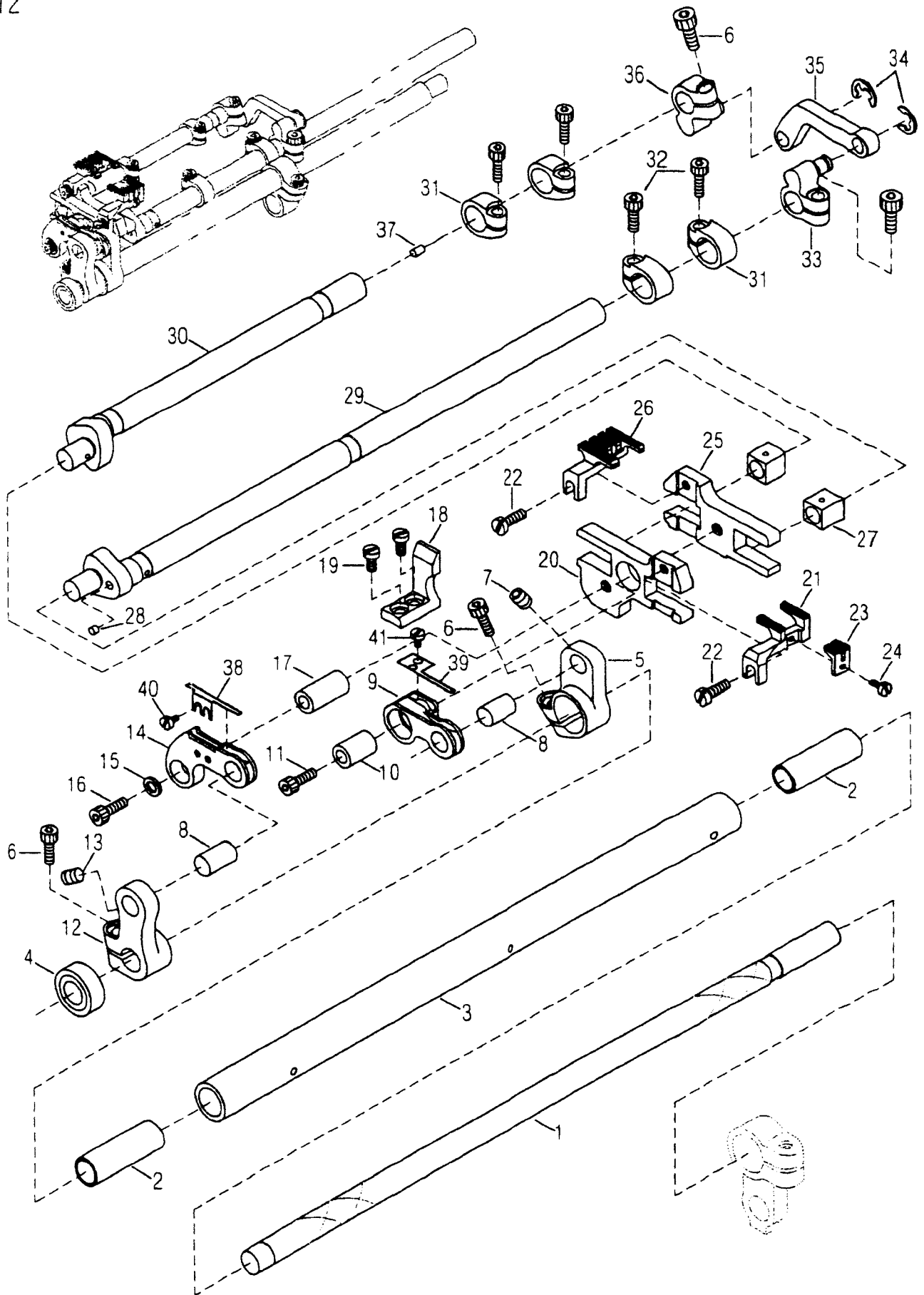
FEED DRIVING CONTROL MECHANISM & NEEDLE GUARD

頂針與送料驅動調整機構

11

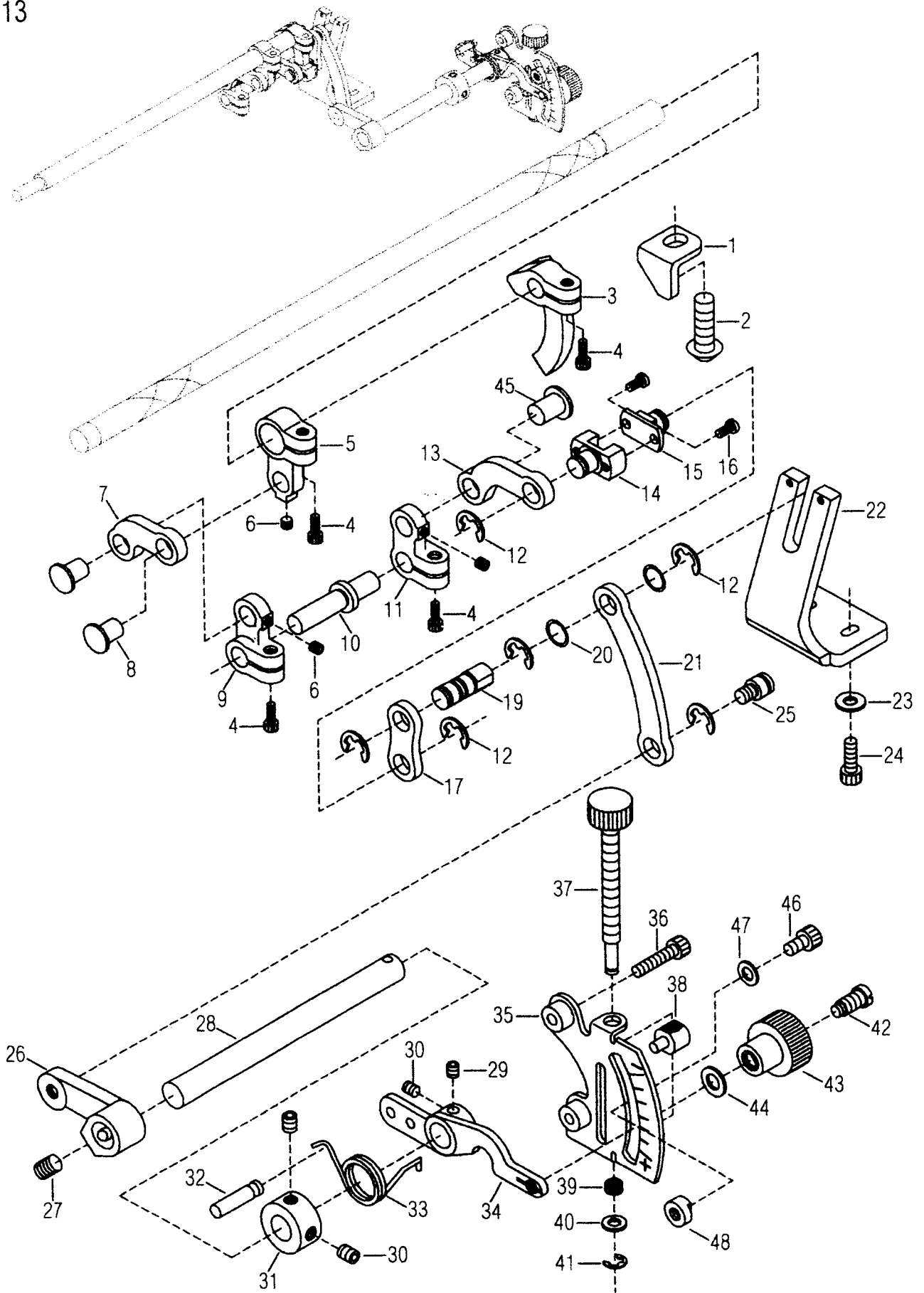
Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Reg .
41	RV18	O Ring	O型油環	1
42	VK28	Oil Seal	油封	1
43	H1143-1	Control Lever Shaft	微調連桿	1
44	SV271	Screw (M6-1.0×6)	螺絲	1
45	VK38	Differential Feed Control Lever	差動控制桿	1
46	SV232	Screw (M4-0.7×10)	螺絲	1
47	16-34	Washer	墊塊	2
48	H1148	Stitch Length Graduations	針距尺寸刻度板	1
49	SV233	Screw (M4-0.7×14)	螺絲	2
50	SV251	Screw (M5-0.8×8)	螺絲	2
51	VK48	Washer	墊片	2
52	VK42	Spacer	控制桿止塊	2
53	VK43	Conical Spring Washer	錐形彈簧墊片	1
54	VK44	Nut	螺帽	1
55	SV267	Screw (M6-1,M4.5-0.5)	螺絲	1
56	VK23	Pin	控制連桿插銷	1
57	H1157	Control Link	微調連桿	1
58	VK31	Nut	引動螺帽	1
59	VK32	Pin	棍子銷	1
60	VK33	Adjusting Screw	微調螺桿	1
61	RF21	O Ring	O型油環	1
62	VK34	Bushing	襯套	1
63	VK35	Adjusting Knob	針距微調旋鈕	1
64	VK37	Stitch Length Indicator	針距方向板	1

※ Ref . No . 1 to 40 See the preceding page.



FEED DRIVING MECHANISM**送料具驅動機構****12**

Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Req .
1	H1201	Differential Feed Shaft	差動軸	1
2	H1202-1	Bushing	鐵套	2
3	H1203	Roller Bearing	傳動軸	1
4	H1204	Roller Bearing	滾珠培林	1
5	H1205	Main Feed Lever	主送料具搖臂	1
6	SF225	Screw (M4-0.7×10)	螺絲	4
7	SCQ040	Screw (SM9/64-40×4)	螺絲	1
8	H1208	Driving Connecting Pin	驅動連桿插銷	2
9	H1209	Main Feed Bar Connecting	主送料具驅動連杆	1
10	H1210	Driving Connecting Bushing	驅動連杆襯套(短)	1
11	SV223	Screw (M4-0.7×14)	螺絲	1
12	H1212	Differential Feed Lever	差動搖臂	1
13	SF106	Screw (SM1/8-44×2.7)	螺絲	1
14	H1214	Differential Feed Driving Connection	差動驅動連杆	1
15	WF03	Washer	墊片	1
16	SV231	Screw (M4-0.7×18)	螺絲	1
17	H1217	Driving Connecting Bushing	驅動連桿襯套(長)	1
18	H1218-1	Guide Block	送料具導正塊	1
19	MDA060	Screw (M3-0.5×6)	螺絲	2
20	H1220	Differential Feed Bar	差動送料具驅動座	1
21	H1221	Differential Feed Dog	差動齒	1
22	MDA080	Screw (M3-0.5×8)	螺絲	2
23	H1223	Differential Feed Dog (Middle)	差動齒(小)	1
24	SF205	Screw (M2.6-0.45×5)	螺絲	1
25	H1225	Main Feed Bar	主送料具座	1
26	H1226-1	Main Feed Dog	九齒(主齒)	1
27	H1227	Feed Lift Block	送料具滑塊	2
28	H1228	Seal Plug	塑鋼塞	1
29	H1229-1	Feed Lift Shaft	提升主軸	1
30	H1230-1	Feed Rocker Shaft	搖臂軸	1
31	H1231	Collar	軸環	4
32	MDP080	Screw (M3-0.5×8)	螺絲	4
33	H1233	Main Driving Lever	主驅動搖臂	1
34	EF03	Retaining Ring	扣環 ETW-3	2
35	H1235	Driving Shaft	驅動連桿	1
36	H1236	Driving Connecting Unit	驅動連接器	1
37	VE19	Seal Plug	塑鋼塞	1
38	H1238	Wick Clamp	夾片	1
39	H1239	Wick Clamp	夾片	1
40	MAA030	Screw (M2-0.3×3)	螺絲	2
41	MBA020	Screw (M2.5-0.45×2)	螺絲	1

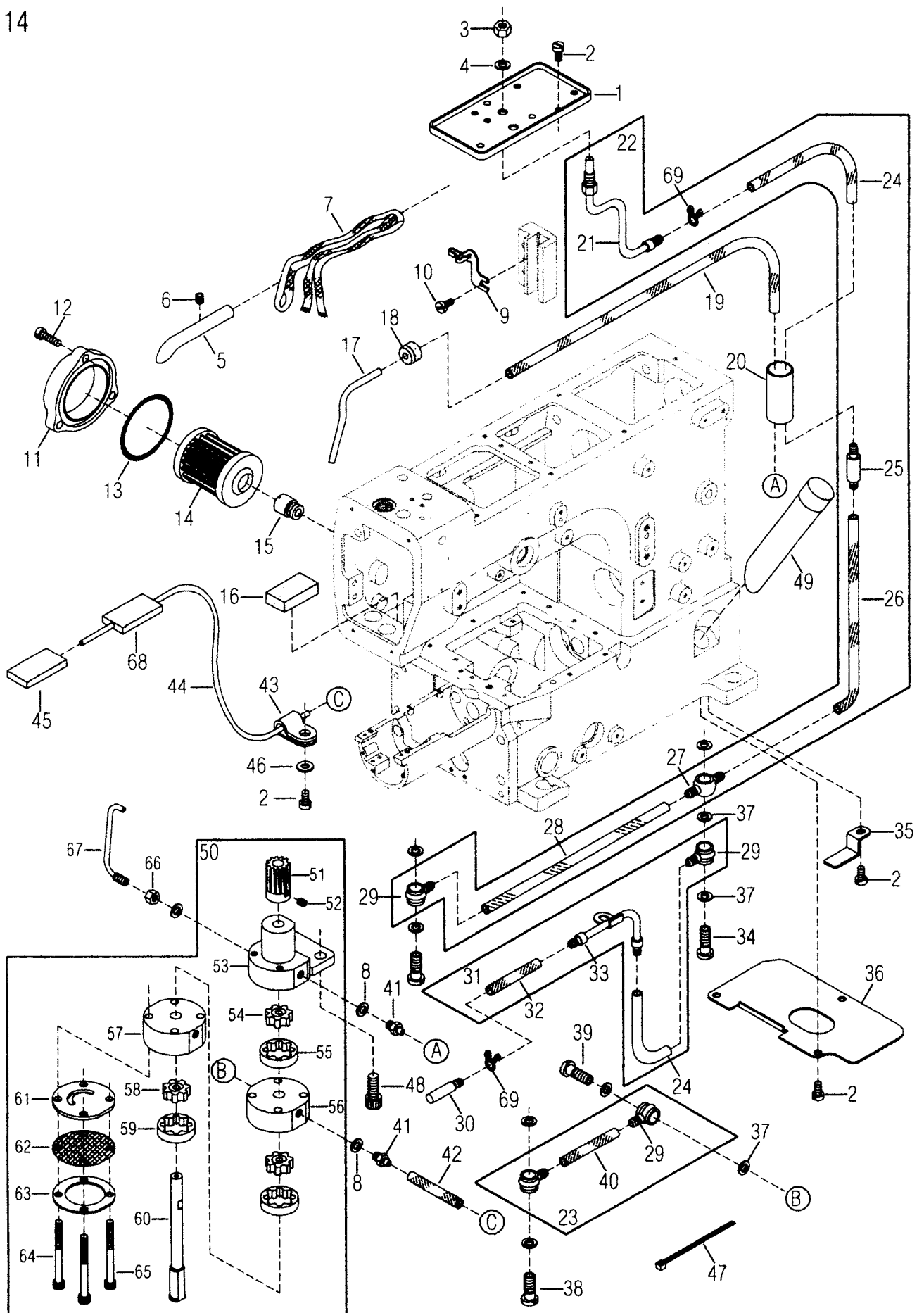


DIFFERENTIAL FEED RATIO DEVICE

差動驅動調整機構

13

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	H1301	Fixed Block	L型固定塊	1
2	MJT250	Scrw (M8-1.25×25)	螺絲	1
3	H1303	Differential Feed Rocker	差動弧臂	1
4	SF225	Screw (M4-0.7×10)	螺絲	4
5	H1305	Main Feed Rocker	主送料搖臂 20mm	1
6	SCQ040	Screw (SM9/64-40×4)	螺絲	3
7	H1307	Link Lever (Small)	連桿(小)	1
8	H1308	Stop Pin	擋梢	2
9	H1309	Rocker Unit	搖臂 15mm	1
10	H1310	Rocker Shaft	搖臂軸	1
11	H1311	Rocker Unit	搖臂 18mm	1
12	GK13	Rocker Ring	扣環 ETW-6	6
13	H1313-1	Link Lever	連桿(中)	1
14	H1314-1	Differential Feed Adjusting Block	差動調整滑塊	1
15	H1315	Stop Unit	差動調整滑塊蓋銷	1
16	SV212	Screw (M3-0.5×6)	螺絲	2
17	H1317	Link Lever	連動桿	1
18				
19	H1319	Link Lever	連動軸	1
20	H1320	Washer	墊片	2
21	H1321	Connecting Rocker	連桿(大)	1
22	H1322	L Bracket	L型槽溝	1
23	WF04	Washer	墊片	2
24	SV223	Screw (M4-0.7×14)	螺絲	2
25	H1325	Screw	螺絲	1
26	H1326	Differential Feed Link Lever	差動連動臂	1
27	SF240	Screw (M6-1.0×6)	螺絲	1
28	H1328	Differential Feed Shaft	差動軸	1
29	MHR050	Screw (M5-0.8×5)	螺絲(尖)	1
30	MHQ030	Screw (M5-0.8×3)	螺絲	3
31	H1331	Collar	軸環	1
32	H1332	Pin	固定銷	1
33	H1333	Spring	扭簧	1
34	H1334	Differential Feed Control Lever	差動控制桿	1
35	H1335	Differential Feed Graduations	差動刻度板	1
36	MFP160	Screw (M4-0.7×16)	螺絲	2
37	H1337	Differential Feed Adjusting Screw	差動調整螺桿	1
38	H1338	Differential Feed Nut	差動螺帽	1
39	H1339	Spring	彈簧	1
40	WF04	Washer	墊片	1
41	H1341	Retaining Ring	扣環 ETW-2.5	1
42	SV267	Screw (M6-1 , M4.5-0.5)	螺絲	1
43	H1343	Adjusting Nut	調整螺帽	1
44	VK43	Conical Spring Washer	錐形彈簧墊片	1
45	H1345	Stop Pin	擋梢	1
46	SV251	Screw (M5-0.8×8)	螺絲	2
47	VK48	Washer	墊片	2
48	VK42	Differential Feed Lever Stop	差動臂止塊	2



LUBRICATING MECHANISM**給油迴油機構****14**

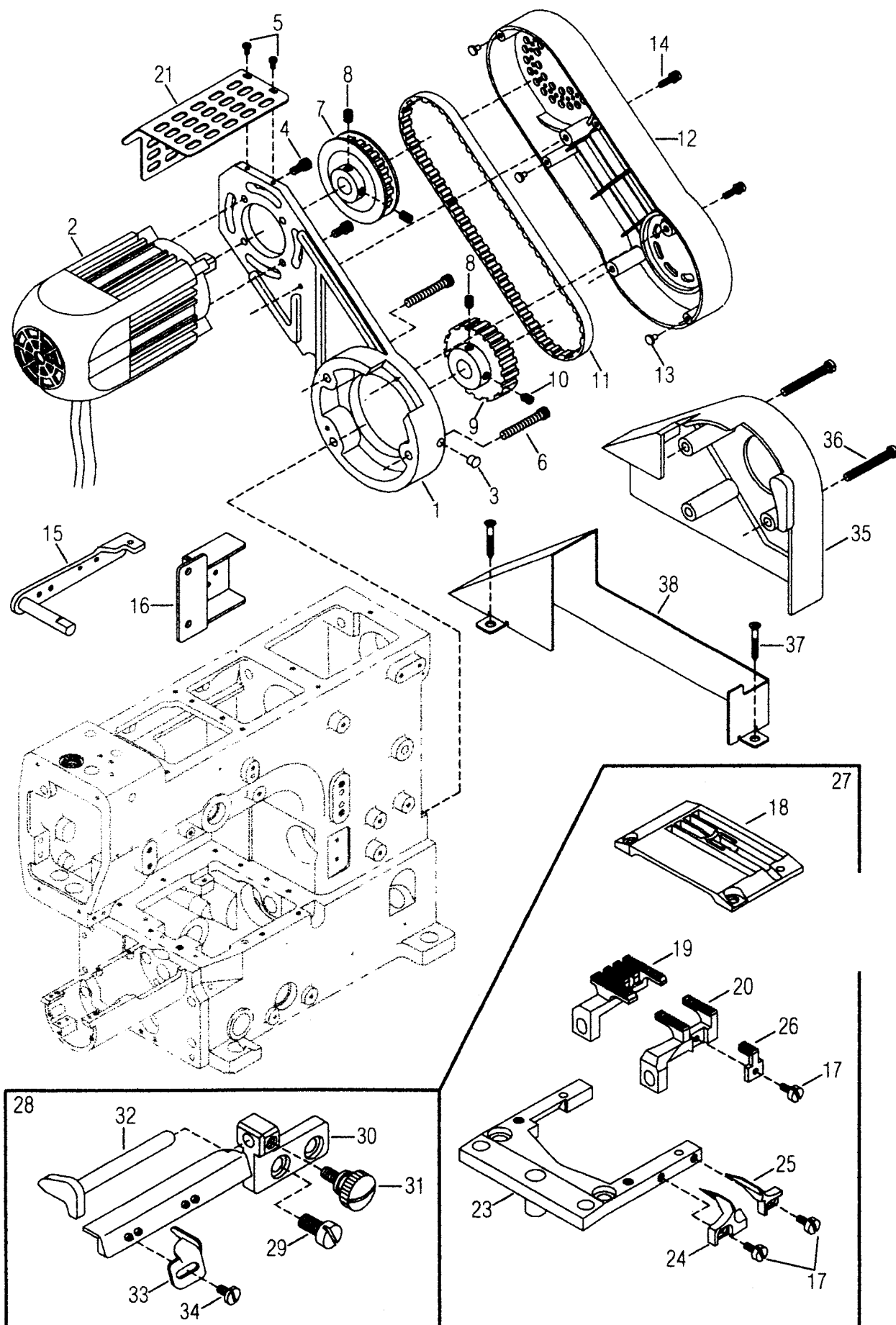
Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Req .
1	VM01	Oil Receiver	承油盤	1
2	SV221	Screw (M4-0.7×8)	螺絲	6
3	NV13	Nut	螺帽	1
4	WF06	Washer	墊片	1
5	VM05	Needle Bar	導油銅管	1
6	SV227	Screw (M4-0.7×5)	螺絲	1
7	VM07	Oil Wick	油蕊	1
8	FL14	Seal	墊片	3
9	VM09	Oil Wick Holder	油蕊固定器	1
10	SF114	Screw (SM 9/64 -40×7)	螺絲	1
11	FL19	Oil Filter Cap	濾油封蓋	1
12	SF127	Screw (SM11/64-40×16)	螺絲	3
13	RF28	Oil Ring (P42)	O形油環	1
14	FL20	Oil Filter	濾油器	1
15	FL21	Oil Filter Connector	濾油器連接頭	1
16	VM16	Felt	吸油棉(上)	1
17	VM17	Suction Pipe	迴油管	1
18	VM18	Suction Pipe Bushing	迴油管固定塞	1
19	VM19	Oil Tube (3 × 5 × 490 mm)	油管	1
20	VM20	Draining Pipe	油路套管	1
21	VM21	Oil Pipe Unit	噴油銅管	1
22	VM22	Oil Tube (Long) ,Complete Set	油管組(長)	1
23	VM39	Oil Tube (Short) ,Complete Set	油管組(短)	1
24	VM24	Oil Tube (4×6×135mm)	油管	2
25	VM25	One-return Valve Unit	止口閥	1
26	VM26	Oil Tube (4 × 6 × 265 mm)	油管	1
27	VM27	Oil Tube Joint , Two Way	雙向油管接頭	1
28	VM28	Oil Tube (4×6×35mm)	油管(4x6x35mm)	1
29	VM29	Oil Tube Joint , One Way	單向油管接頭	4
30	H1430	Lower Shaft Oiling Outlet	轉軸部噴油頭	1
31	VM31	Oil Tube (Middle) ,Complete Set	勾針軸噴油組	1
32	VM32	Oil Tube (4 × 6 × 70 mm)	油管(4x6x70mm)	1
33	VM33	Lower Shaft Oiling Shower	勾針軸噴油孔	1
34	SV141	Fitting Stud (Long)	放油螺絲(長) 2孔	1
35	H1435	Fitting Sud (Short)	油管固定器	1
36	H1436	Dust-proof Plate	防塵蓋	1
37	VM37	Oil Sight Gauge	紅墊片	9
38	SV140	Fitting Stud (Short)	放油螺絲(短) 1孔	2
39	SV263	Fitting Stud	轉油螺絲	1
40	VM34	Oil Tube (4×6×33mm)	油管(4x6x33mm)	1

* Ref. No. 41 to 69 See the following page

LUBRICATING MECHANISM**給油迴油機構****14**

Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Req .
41	H1441	Oiling Nozzle for upper bed	迴油油嘴	2
42	VM42	Suction Pipe	吸油管 (3×5×200)	1
43	FL29	Tube Retainer	固定扣	2
44	H1444	Nut Oiling Recycle Tube	迴油銅管 (3×260mm)	1
45	H1445	Oiling Sponge	吸油棉 (下)	1
46	WF04	Washer	墊片	1
47	H1447	Fixed Belt	鎖式絮帶	1
48	SV268	Screw (M6-1.0×16)	螺絲	2
49	H1449	Oil Sight Gauge	外視油量計	1
50	VM40	Oil Pumping Set	油泵組	1
51	VM41	Oil Pump Driving Worm Gear	油泵驅動蝸齒	1
52	SF228	Screw (M4-0.7×4)	螺絲	2
53	VM40-11	Pump Upper Base	油泵主體	1
54	VM40-32	Inner Gear	內輪子 (薄 6mm)	2
55	VM40-62	Outer Gear	外輪子 (薄 6mm)	2
56	VM40-21	Pump Inner Base	油泵中層	1
57	VM40-31	Pump Lower Base	油泵下層	1
58	VM40-42	Inner Gear	內輪子 (厚 7.5mm)	1
59	VM40-52	Outer Gear	外輪子 (厚 7.5mm)	1
60	F1364	Center Shaft	油泵主軸	1
61	VM40-2	Lower Base Washer	油泵底座墊片	1
62	VM40-8	Oil Filter	油泵濾網	1
63	VM40-9	Filter Plate	濾網固定環	1
64	SV238	Screw (M4-0.7×45)	螺絲	2
65	SV237	Screw (M4-0.7×40)	螺絲	2
66	NV12	Nut	螺帽	1
67	VM46	Oil Nozzle for Worm Gear	驅動蝸齒噴油嘴	1
68	H1468	Felt	吸油棉	1
69	VM35	Oil Tube Clamp	油管束子	2

※ Ref. No. 1 to 40 See the preceding page.



COMPACT—SIZE SERVO MOTOR & ATTACHMENT**電子小馬達傳動機構&專屬配件****15**

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	F1604	Brackert	馬達支撐架	1
2	F1602	Compact Servo Motor	傳動小馬達	1
3	RF06-1	Head Cover Seal Plug	膠塞	1
4	SF230	Screw (M5 - 0.8 × 12)	螺絲	4
5	MDA060	Screw (M3 - 0.6 × 6)	螺絲	4
6	SF243	Screw (M6 - 1.0 × 25)	螺絲	3
7	F1607-1	Transmission Gear	齒型帶動輪	1
8	SV264	Screw (M6-1.0×8)	螺絲	3
9	F1609-1	Synchronized Gear	同步傳動輪	1
10	SV261	Screw (M6-1.0×8)	螺絲	1
11	F1611	Synchronized Belt	同步傳動皮帶	1
12	F1612	Belt Guard	皮帶安全蓋	1
13	F1613	Vivration Absorb Plug	減震橡膠塞	4
14	MFL160	Screw (M4-0.7×16)	螺絲	3
15	F1615	Foot Lift Lever	壓腳提升柄	1
16	F1616	Solenoid Base	電子閥固定座	1
17	SF205	Screw (M2.6-0.45×5)	螺絲	3
18	VG56323	Stitch Plate	立骨針板	1
19	H1226	Main Feed Dog	主齒 (九齒)	1
20	H1221	Differential Feed Dog	差動齒	1
21	F1621	Safety Cover	小馬達安全蓋	1
22				
23	H0215	Stitch Plate Support	針板支架	1
24	14-19	Fabric Guide (Left)	立骨布導器(左)	1
25	14-20	Fabric Guide (Right)	立骨布導器(右)	1
26	VL42-1	Differential Feed Dog (Middle)	小齒 (壹齒)	1
27	H1527	Gauge Set For Covering Seam	立骨布器配件組	1
28	H1528	Bottom Hemming Folder	折下擺組	1
29	MDA060	Screw (M3-0.5×6)	螺絲	1
30	H1530	Folder Stand	折下擺固定座	1
31	14-7	Screw (M4-0.7×18)	特製螺絲	1
32	F1404	Width Aadjuster	可調擋邊	1
33	F1405	Fabric Edge Guide (Left)	左擋邊	1
34	GB08	Screw (M3-0.5×3.5)	螺絲	1
35	H1535	Belt Guard (Top)	皮帶蓋 (上)	1
36	15-28	Screw (M6-1.0×48)	螺絲	3
37	15-24	Screw (SM5/32)	木栓螺絲	3
38	H1538	Belt Guard	皮帶安全蓋	1