



SINCE 1989

SHING LING®

星菱牌工業用縫紉機

INDUSTRIAL SEWING MACHINE



台正字第8144號



TAIWAN
EXCELLENCE

VG-999 series

高速橫筒型三針五線雙面飾綳縫機

3-needle 5-thread High Speed Cylinder-bed Interlock Machine with
Direct-drive Servo Motor



大陸
專利 | ZL200820132863.4
ZL200820132864.9
200920216522.X

零件手冊 Spare Parts Book



SINCE 1989

星菱縫機股份有限公司

SHING LING SEWING MACHINE CO., LTD.

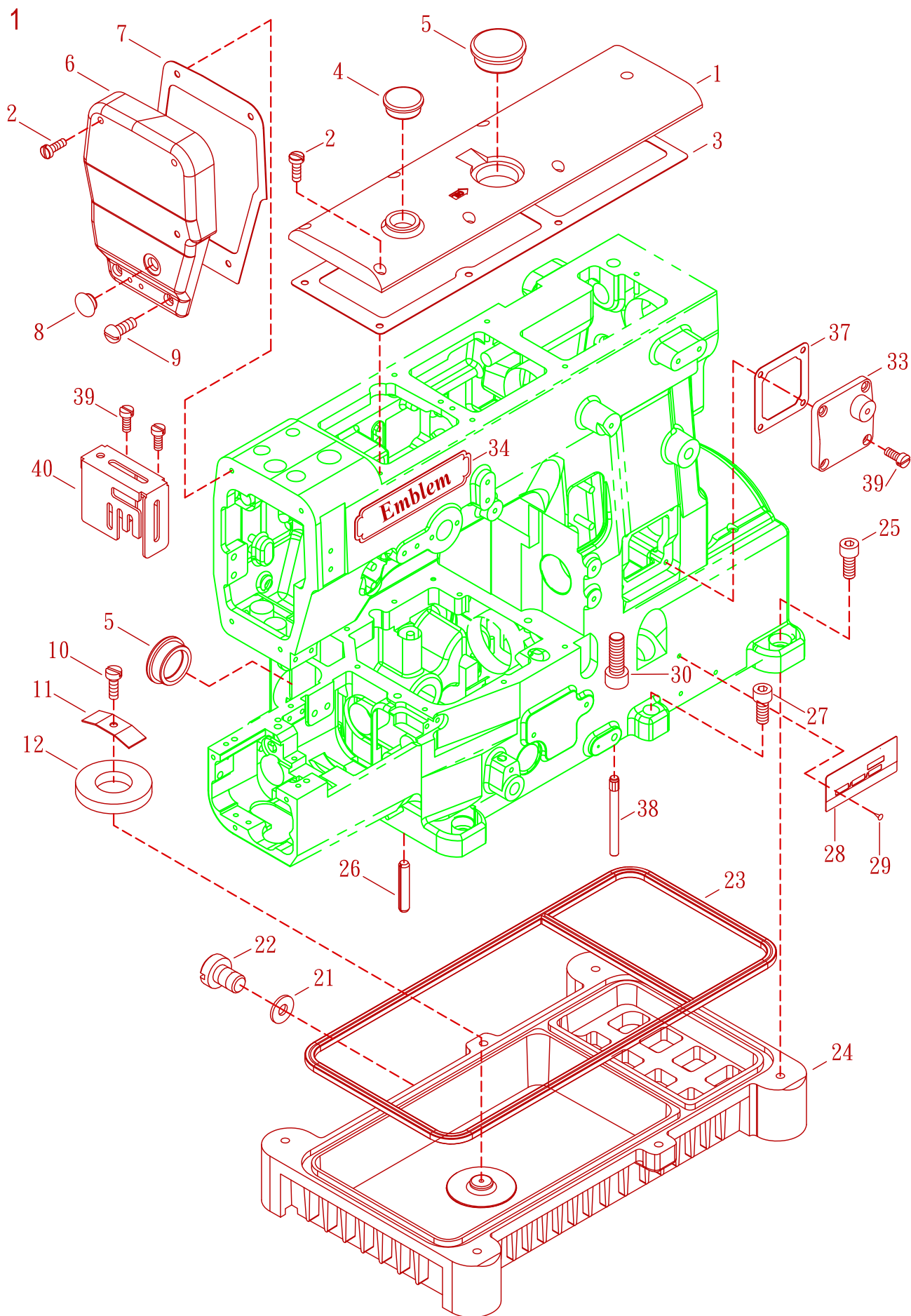
CE ISO 9001 / CNS 12681



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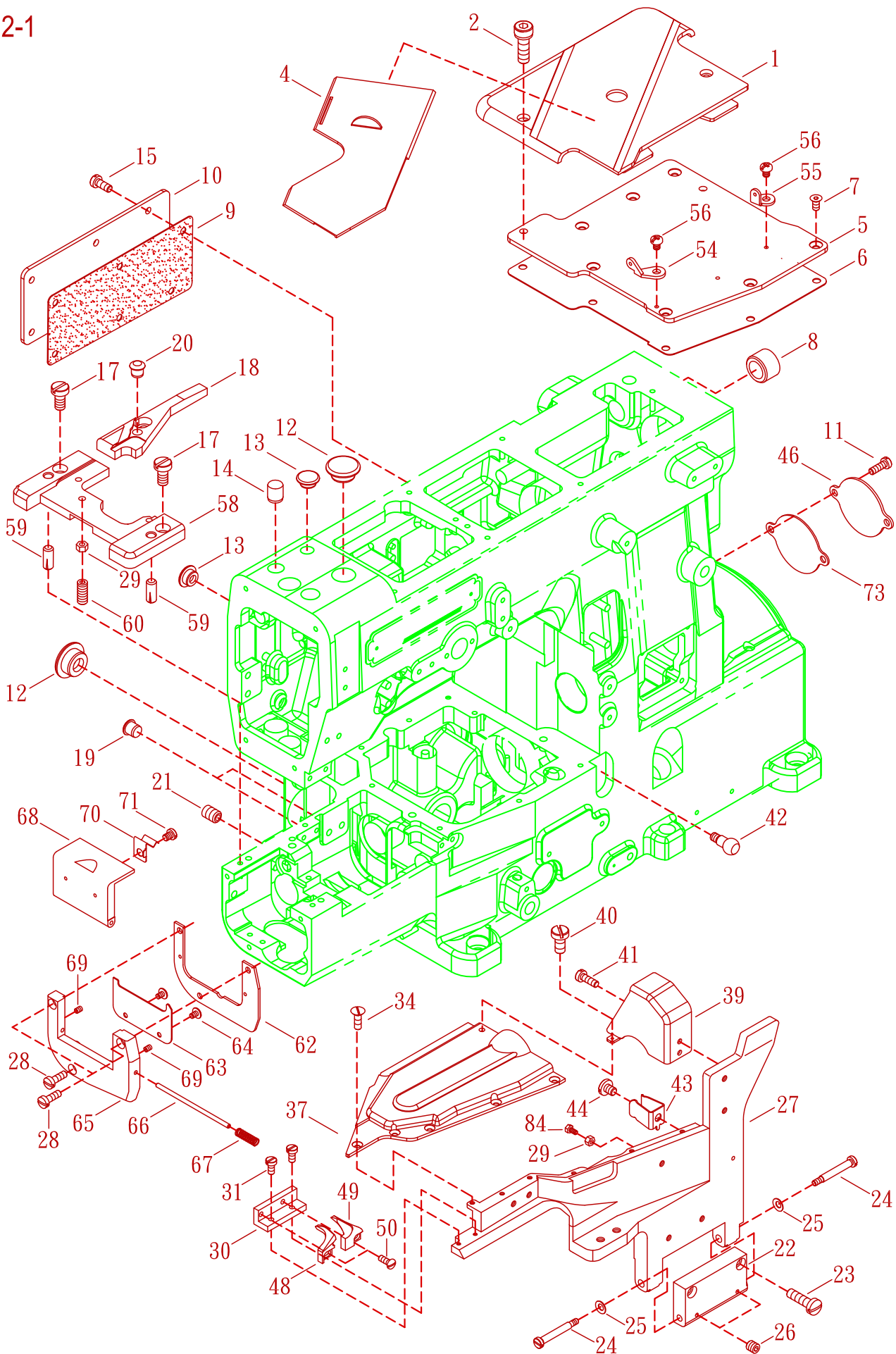


MISCELLANEOUS COVERS (1)

機殼及外蓋(1)

1

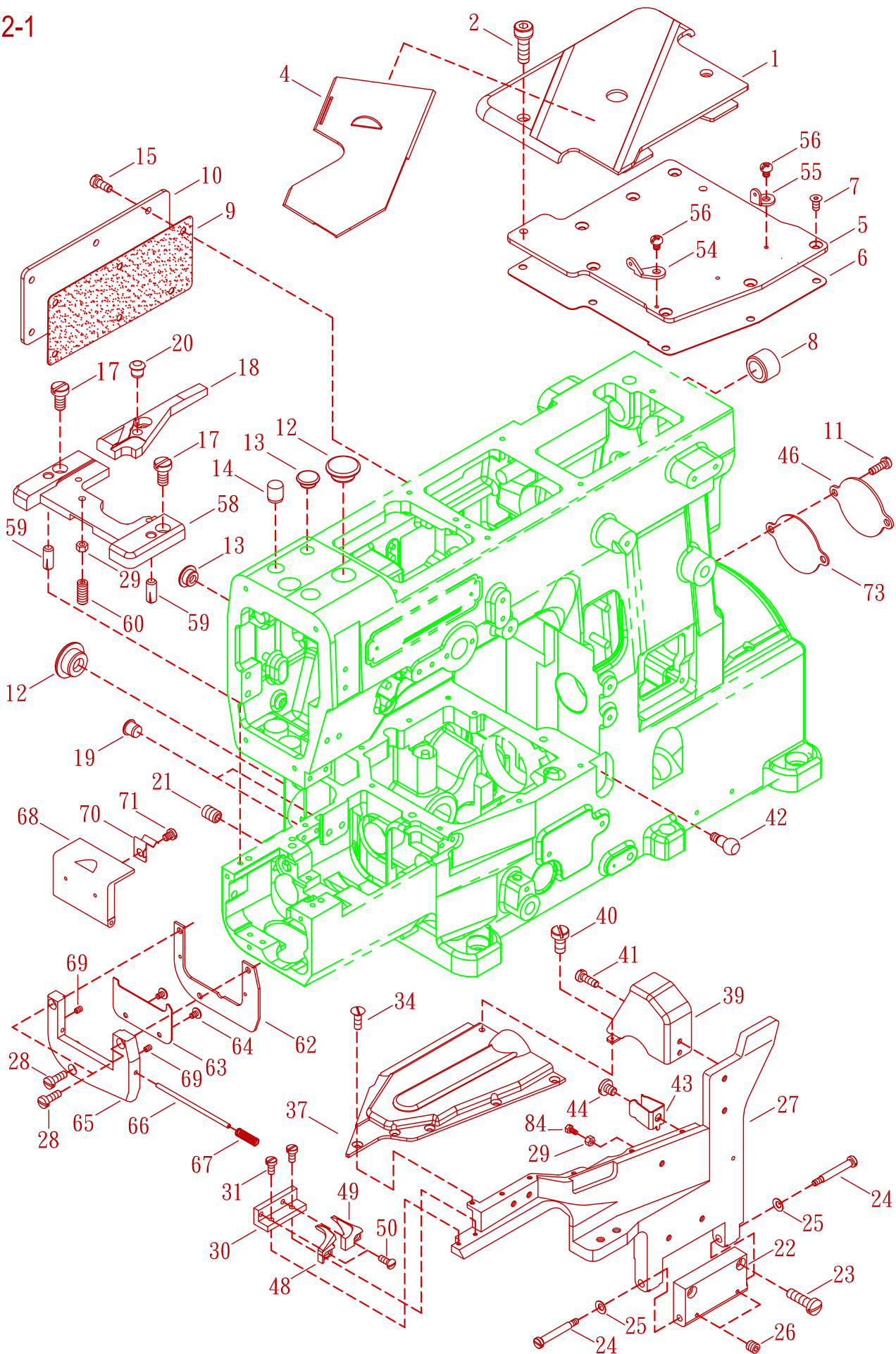
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N0101	Top Cover	上蓋	1
2	SV222	Screw (M4 - 0.7 × 12)	螺絲	9
3	N0103	Top Cover Gasket	防油墊片	1
4	N0104	Oil Sigh Window	外視油鏡	1
5	N0105	Head Cover Seal Plug	膠塞	2
6	N0106	Head Cover	上側蓋	1
7	N0107	Head Cover Gasket	防油墊片	1
8	RV09	Head Cover Seal Plug	膠塞	1
9	SF220	M4-0.7×10	螺絲	2
10	SV232	Screw (M4 - 0.7 × 10)	螺絲	1
11	VA26	Fixed plate	磁鐵固定壓板	1
12	VA27	Magnet Holder	磁鐵	1
13				
14				
19	N0119	Alumiumm Seal Plug	鋁封塞	1
20				
21	RF25	Oil Ring	O形油環	1
22	SF160	Screw (SM3/8 - 24 × 12)	螺絲	1
23	N0123-2	Oil Reservoir Gasket	油槽止油環	1
24	N0124	Oil Reservoir	油槽	1
25	L0212Ni	Screw (M8 - 1.25)	螺絲	4
26	VA28	Machine Frame Supporting Bar	機體腳樁	3
27	GA29	Screw (M6 - 1.0 × 20)	螺絲	2
28		Brand Name Plate	型號銘牌	
29	FA11	Rivet (2 × 5)	鉚釘	4
30	N0130	Screw (M10 - 1.5 × 30)	螺絲	4
31				
32				
33	N0133	Loop Thread Take-up Cover	提線輪組護蓋	1
34		Brand Name Plate	公司銘牌	
35				
36				
37	N0137	Head Cover Gasket	防油墊片	1
38	N0138	Machine Frame Supporting Bar	機體腳樁	1
39	SV221	Screw (M4 - 0.7 × 8)	螺絲	6
40	N0140	Needle Bar Guard	針柱護罩	1
41		Emblem	銘牌	



MISCELLANEOUS COVERS (2)
機殼及外蓋(2)
2-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N0201-1	Cloth Plate (Large)	縫製平台	1
2	SF226	Screw (M4 - 0.7 × 12)	螺絲	2
3				
4	N0204	Slide Cover	滑板	1
5	N0205-1	Crank Chamber Cover (Optional)	曲軸室上蓋 (普通用 選配)	1
6	N0206-1	Crank Chamber Cover Gasket	曲軸室墊片	1
7	SV228	Screw (M4 - 0.7 × 8)	螺絲	1
8	N0208	Seal Plug	膠塞	1
9	VB09	Rear Cover Gasket	後蓋墊片	1
10	VB08	Rear Cover	後蓋	1
11	SV221	Screw (M4 - 0.7 × 8)	螺絲	3
12	N0212	Seal Plug	膠塞	2
13	RV09	Seal Plug	膠塞	2
14	GD28	Seal Plug	油封	1
15	SV232	Screw (M4 - 0.7 × 10)	螺絲	6
16				
17	SF220	Screw (M 4- 0.7 × 10)	螺絲	2
18	N0218	Side Cover Supplementray Block	接片	1
19	F1613	Seal Plug	膠塞	2
20	N0220	Seal Plug	膠塞	1
21	SV264	Screw (M6 - 1.0 × 8)	螺絲	1
22	N0222	Front Cover Hinge	前蓋鉸鏈	1
23	SV241	Screw (M4 - 0.7 × 14)	螺絲	2
24	SV225	Screw (M4 - 0.7 × 8)	螺絲	2
25	VB29	Conical Spring Washer	錐形彈簧墊片	2
26	SF242	Screw (M4 - 0.7 × 3)	螺絲	2
27	N0227	Front Cover (Lower)	前蓋底座	1
28	SF220	Screw (M4 - 0.7 × 10)	螺絲	2
29	NF27	Nut	螺帽	1
30	N0230	Fabric Guide Holder	導布器固定座	1
31	SV212	Screw (M3 - 0.5 × 6.5)	螺絲	2
32				
33				
34	SV211	Screw (M3 - 0.5 × 6)	螺絲	5
35				
36				
37	N0237-1	Front Cover (Upper)	前蓋頂座	1
38				
39	N0239	Thread Take - up Cover (Front)	提線護蓋	1
40	SV215	Screw (M3 - 0.5 × 5)	螺絲	1

* Ref. No. 41 to 84 See the following page



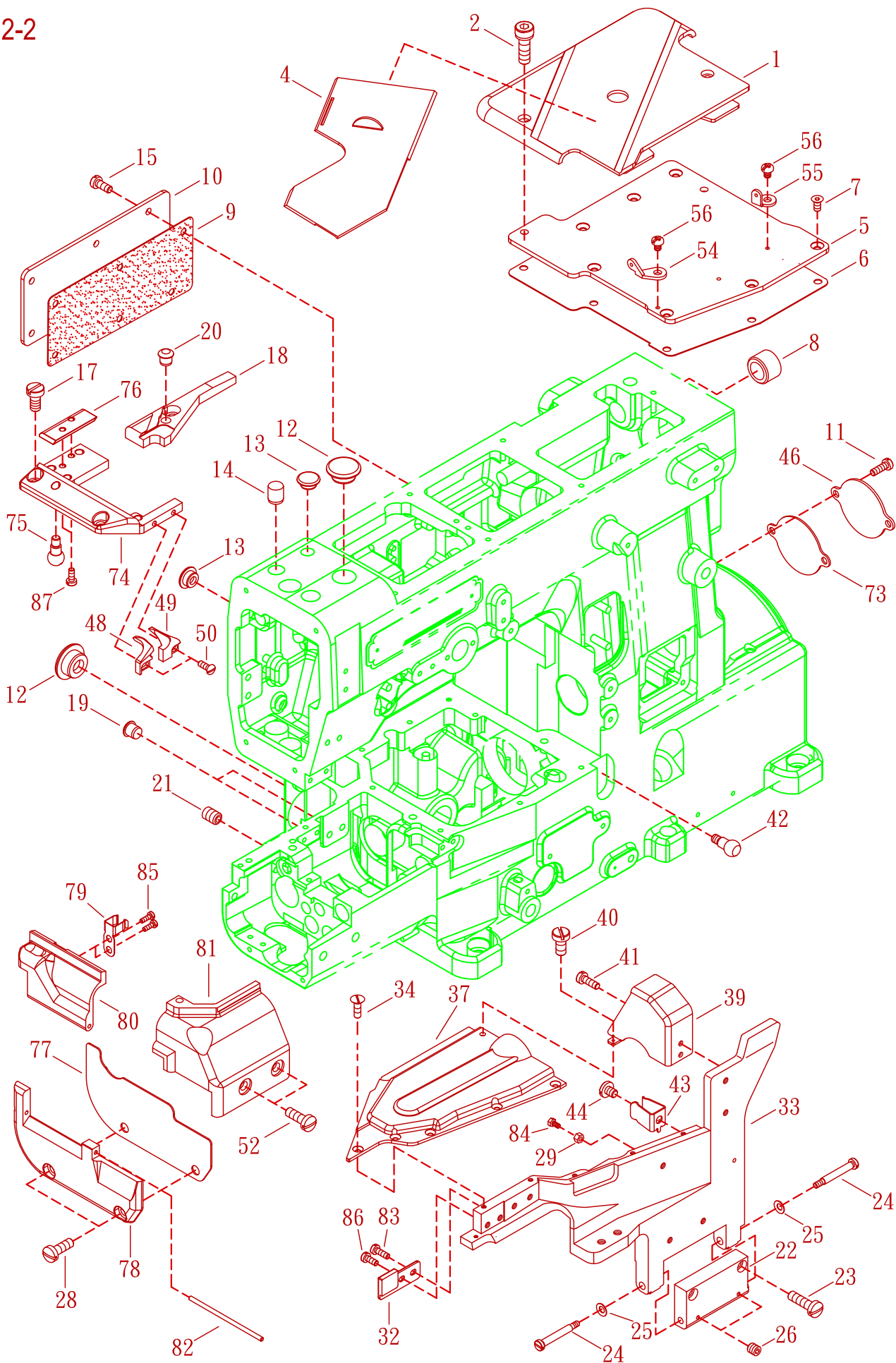
MISCELLANEOUS COVERS (2)

機殼及外蓋(2)

2-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
41	GJ36	Screw (M4 - 0.7 × 5.8)	螺絲	2
42	N0242-2	Screw	螺椿	1
43	N0243	Cover Latch Spring	夾簧	1
44	SV239	Screw (M4 - 0.7 × 5)	螺絲	3
45				
46	N0246	Thread Take - up Cover (Rear)	提線護蓋 (後)	1
47				
48	VB23	Fabric Guide (Left)	導布器 (左)	1
49	VB22	Fabric Guide (Right)	導布器 (右)	1
50	SF205	Screw (M2.6 - 0.45 × 5)	螺絲	2
51				
52				
53				
54	VC62	Looper Thread Eyelet (Right) (Optional)	下飾線過線板(右)(普通用 選配)	1
55	VI08	Looper Thread Eyelet (Optional)	勾針過線片 (普通用 選配)	1
56	SV210	Screw (M3 - 0.5 × 4) (Optional)	螺絲 (普通用 選配)	2
57				
58	N0258-4	Stitch Plate Support	針板支架	1
59	N0259	Knock Pin	固位銷	2
60	N0260	Screw (M4 - 0.7 × 10)	螺絲	1
61				
62	N0262	Cylinder Side Cover Casket	圓筒下側蓋墊片	1
63	N0263	Cylinder Side Cover (Lower)	圓筒下側蓋	1
64	N0264	Screw (M3 - 0.5 × 4.5)	螺絲	2
65	N0265	Cylinder Side Cover Hinge	圓筒側蓋樞鈕	1
66	N0266	Side Cover Hinge Pin	樞鈕插銷	1
67	N0267	Spring	彈簧	1
68	N0268-2	Cylinder Side Cover (Upper)	圓筒上側蓋	1
69	N2931	Screw (M3 - 0.5 × 3)	螺絲	2
70	N0270	Cover Latch Spring	夾簧	1
71	GB35	Screw (M4 - 0.7 × 5)	螺絲	1
72				
73	N0273	Washer	墊片	1
74				
84	N0284	Screw	螺絲	1

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

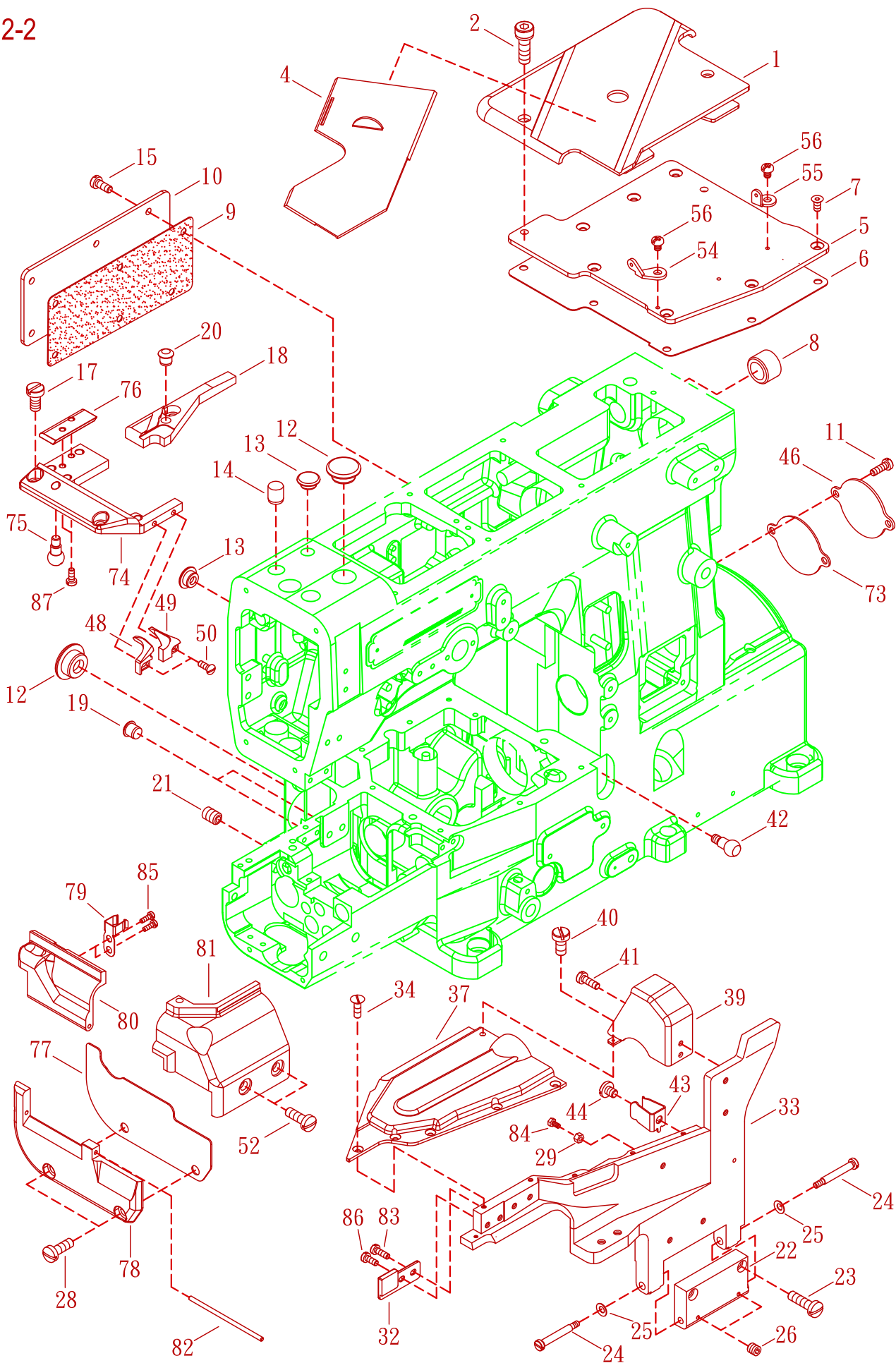


MISCELLANEOUS COVERS (2)
機殼及外蓋 (2) SB (短顎)
2-2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N0201-1	Cloth Plate (Large)	縫製平台	1
2	SF226	Screw (M4 - 0.7 × 12)	螺絲	2
3				
4	N0204	Slide Cover	滑板	1
5	N0205-1	Crank Chamber Cover (Optional)	曲軸室上蓋 (普通用 選配)	1
6	N0206-1	Crank Chamber Cover Gasket	曲軸室墊片	1
7	SV228	Screw (M4 - 0.7 × 8)	螺絲	1
8	N0208	Seal Plug	膠塞	1
9	VB09	Rear Cover Gasket	後蓋墊片	1
10	VB08	Rear Cover	後蓋	1
11	SV221	Screw (M4 - 0.7 × 8)	螺絲	3
12	N0212	Seal Plug	膠塞	2
13	RV09	Seal Plug	膠塞	2
14	GD28	Seal Plug	油封	1
15	SV232	Screw (M4 - 0.7 × 10)	螺絲	6
16				
17	SF220	Screw (M 4- 0.7 × 10)	螺絲	2
18	N0218	Side Cover Supplementray Block	接片	1
19	F1613	Seal Plug	膠塞	2
20	N0220	Seal Plug	膠塞	1
21	SV264	Screw (M6 - 1.0 × 8)	螺絲	1
22	N0222	Front Cover Hinge	前蓋鉸鏈	1
23	SV241	Screw (M4 - 0.7 × 14)	螺絲	2
24	SV225	Screw (M4 - 0.7 × 8)	螺絲	2
25	VB29	Conical Spring Washer	錐形彈簧墊片	4
26	SF242	Screw (M4 - 0.7 × 3)	螺絲	2
27				
28	SF220	Screw (M4 - 0.7 × 10)	螺絲	3
29	NF27	Nut	螺帽	1
30	N0230	Fabric Guide Holder	導布器固定座	1
31	SV212	Screw (M3 - 0.5 × 6.5)	螺絲	2
32	N0232	Front Cover Gasket	前蓋墊片	1
33	N0233	Front Cover (Lower)	前蓋底座	1
34	SV211	Screw (M3 - 0.5 × 6)	螺絲	5
35				
36				
37	N0237-1	Front Cover (Upper)	前蓋頂座	1
38				
39	N0239	Thread Take - up Cover (Front)	提線護蓋	1
40	SV215	Screw (M3 - 0.5 × 5)	螺絲	1

* Ref. No. 41 to 87 See the following page

2-2

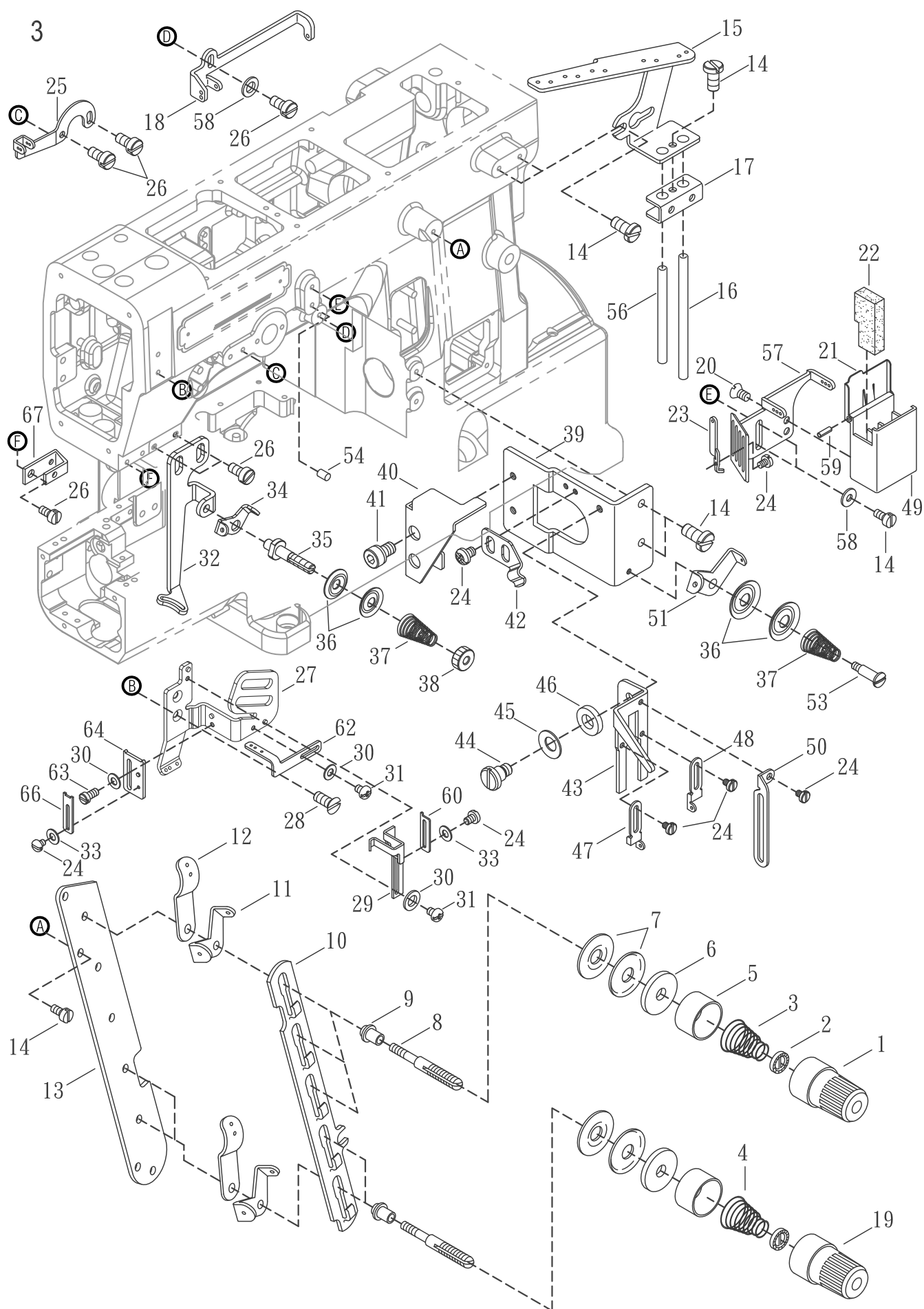


MISCELLANEOUS COVERS (2)機殼及外蓋 (2) SB (短頸)

2-2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
41	GJ36	Screw (M4 - 0.7 × 5.8)	螺絲	2
42	N0242-2	Screw	螺樁	1
43	N0243	Cover Latch Spring	夾簧	1
44	SV239	Screw (M4 - 0.7 × 5)	螺絲	3
45				
46	N0246	Thread Take - up Cover (Rear)	提線護蓋 (後)	1
47				
48	VB23	Fabric Guide (Left)	導布器 (左)	1
49	VB22	Fabric Guide (Right)	導布器 (右)	1
50	SF205	Screw (M2.6 - 0.45 × 5)	螺絲	4
51				
52	SV229	Screw (M4 - 0.7 × 7)	螺絲	4
53				
54	VC62	Looper Thread Eyelet (Right)	下飾線過線板 (右)	1
55	VJ08	Looper Thread Eyelet	勾針過線片	1
56	SV210	Screw (M3 - 0.5 × 4)	螺絲	2
57				
58				
59				
73	N0273	Washer	墊片	1
74	N0274	Stitch Plate Support	針板支架	1
75	N0275	Screw	螺絲	1
76	N0276	Stitch Plate Support (Upper)	針板取付板(上)	1
77	N0277	Cylinder Side Cover (Lower)	圓筒下側蓋	1
78	N0278	Cylinder Side Cover Hinge	圓筒側蓋樞鈕	1
79	N0279-1	Side Cover Hook	夾簧	1
80	N0280	Side Cover (Upper)	圓筒上側蓋	1
81	N0281-1	Front Cover	圓筒側蓋(前)	1
82	N0282	Side Cover Hinge Pin	樞鈕插銷	1
83	SV208	Screw (M3 - 0.5 × 4.5)	螺絲	1
84	N0284	Screw (M4 - 0.7 × 8)	螺絲	1
85	SV208	Screw (M3 × 0.5 × 4.4)	螺絲	2
86	N0451	Screw (M3 - 0.5 × 3)	螺絲	1
87	N0287	Screw (M2.5 - 0.45 × 5.2)	螺絲	2

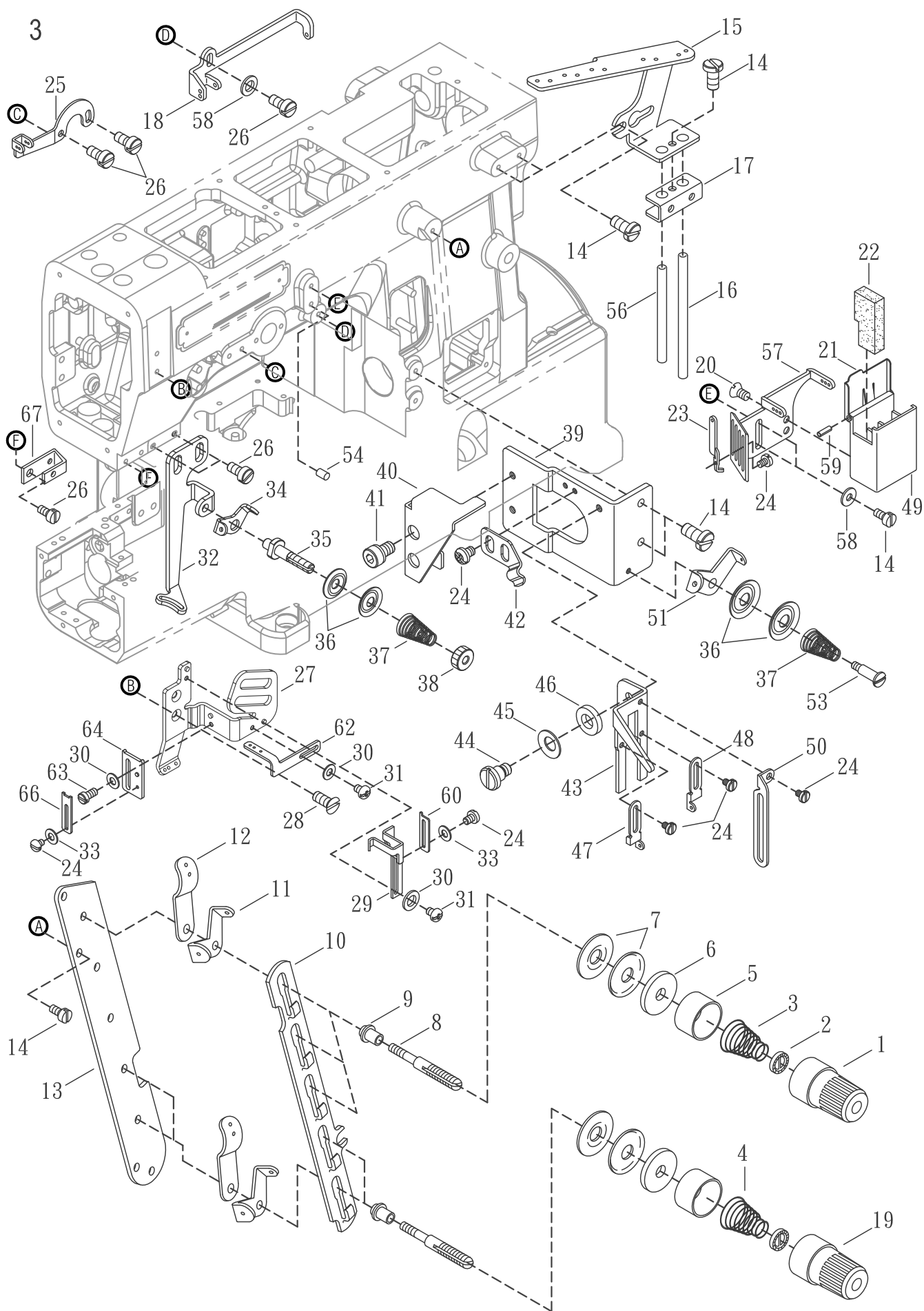
*Ref. No. 1 to 40 See the preceding page.



MISCELLANEOUS THREAD EYELETS
過線裝置及附件
3

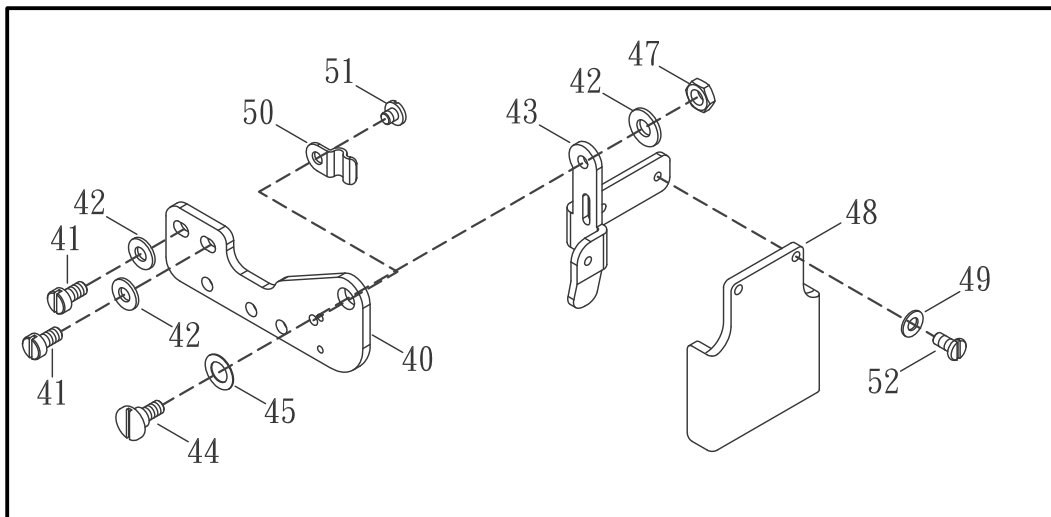
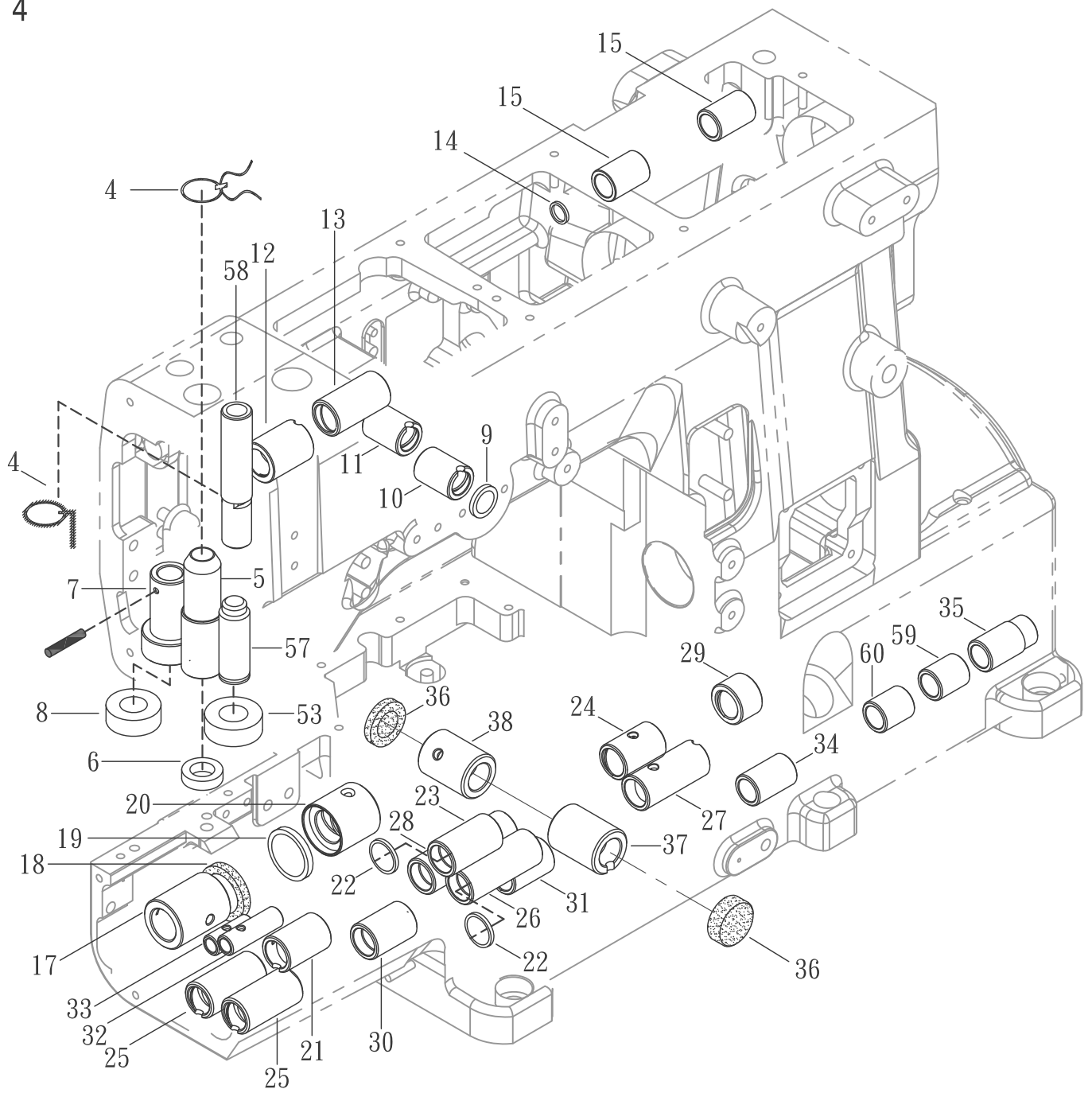
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	FK20-1	Thread Tension Spring Cap	上線張力調整鈕 (藍)	3
2	FK19	Tension Spring Disc Support	張力調整圓盤	5
3	VC03	Needle Thread Tension Spring	針線張力彈簧	3
4	VC05	Top Cover Thread Tension Spring	上線張力彈簧	2
5	FJ21	Thread Tension Spring Retainer	上線張力彈簧固定座	5
6	FK12	Felt	氈墊	5
7	FK14	Tension Disc	張力過線盤 (大)	10
8	VC09-1	Tension Post	上線張力彈簧支柱	5
9	VC10	Tension Post Ferrule	上線張力支柱隔環	5
10	VC11	Tension Disc Separator	上線張力圓盤鬆線滑板(普通用選配)	1
11	VC12	Tension Disc Eyelet	上飾線過線板	5
12	VC13	Thread Lead - in Guide	過線導片	5
13	VC14	Tension Post Support	上線張力組支柱座	1
14	GB37	Screw (M 4- 0.7 × 8)	螺絲	9
15	VC21	Thread Guide Plate	過線導板	1
16	VC17	Thread Eyelet Pipe (Long)	過線導管 (長)	1
17	VC20	Thread Eyelet Pipe Stay	過線導管固定座	1
18	VC22	Top Cover Thread Eyelet (Right)	上飾線過線桿 (右)	1
19	FK20	Thread Tension Spring Cap (R)	上線張力調整鈕 (紅)	2
20	SF111	Screw (SM9/64 - 40 × 6.7)	螺絲	2
21	VC25-1	SP Container Cover	矽油槽蓋	1
22	VC26	Felt	氈墊	1
23	F0367	Thread Eyelet Support	導線支柱	3
24	SV206	Screw (M2.5 - 0.45 × 3.5)	螺絲	10
25	M0838	Top Cover Thread Eyelet (Left)	上飾線導線桿 (左)	1
26	SV221	Screw (M4 - 0.7 × 8)	螺絲	5
27	N0327	Needle Thread Eyelet	針柱過線座	1
28	GB18	Screw (M4 - 0.7 × 8)	螺絲	2
29	M0825-2	Needle Thread Guide	針線導架	1
30	GE47	Washer	墊圈	3
31	SV208	Screw (M3 - 0.5 × 4.4)	螺絲	3
32	N0332	Top Cover Thread Guide	上飾線導板	1
33	M0830	Washer	墊圈	2
34	N0334	Supplementary Thread Guide	上飾線輔助導板	1
35	VC40	Tension Post	上飾線張力調整組支柱	1
36	FC24	Supplementary Tension Disc	上飾線過線盤 (小)	4
37	VC42	Supplementary Tension Spring	彈簧	2
38	VC43	Nut	螺帽	1
39	N0339	Thread Take-up Eyelet Bracket	提線組托架	1
40	N0340	Thread Take - up Cover (Rear)	提線護蓋 (後)	1

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



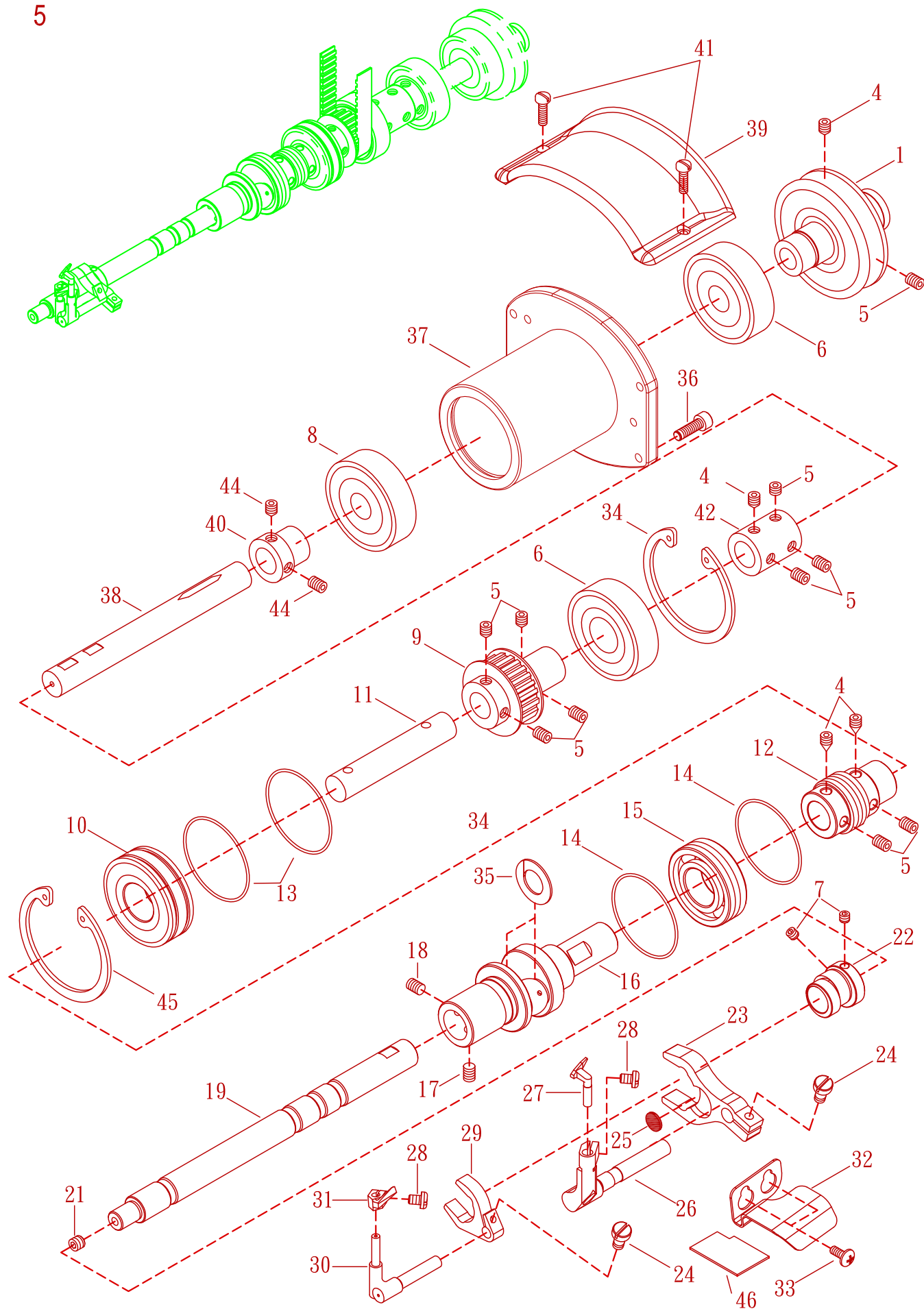
MISCELLANEOUS COVERS (1)機殼及外蓋(1)

Ref.	Parts			1
No.	No.	Description	產 品 名 稱	Amt . Req .
1	N0101	Top Cover	上蓋	1
2	SV222	Screw (M4 - 0.7 × 12)	螺絲	9
3	N0103	Top Cover Gasket	防油墊片	1
4	N0104	Oil Sigh Window	外視油鏡	1
5	N0105	Head Cover Seal Plug	膠塞	2
6	N0106	Head Cover	上側蓋	1
7	N0107	Head Cover Gasket	防油墊片	1
8	RV09	Head Cover Seal Plug	膠塞	1
9	SF220	M4-0.7×10	螺絲	2
10	SV232	Screw (M4 - 0.7 × 10)	螺絲	1
11	VA26	Fixed plate	磁鐵固定壓板	1
12	VA27	Magnet Holder	磁鐵	1
13				
14				
19	N0119	Alumiumm Seal Plug	鋁封塞	1
20				
21	RF25	Oil Ring	O形油環	1
22	SF160	Screw (SM3/8 - 24 × 12)	螺絲	1
23	N0123-2	Oil Reservoir Gasket	油槽止油環	1
24	N0124	Oil Reservoir	油槽	1
25	L0212Ni	Screw (M8 - 1.25)	螺絲	4
26	VA28	Machine Frame Supporting Bar	機體腳樁	3
27	GA29	Screw (M6 - 1.0 × 20)	螺絲	2
28		Brand Name Plate	型號銘牌	
29	FA11	Rivet (2 × 5)	鉚釘	4
30	N0130	Screw (M10 - 1.5 × 30)	螺絲	4
31				
32				
33	N0133	Loop Thread Take-up Cover	提線輪組護蓋	1
34		Brand Name Plate	公司銘牌	
35				
36				
37	N0137	Head Cover Gasket	防油墊片	1
38	N0138	Machine Frame Supporting Bar	機體腳樁	1
39	SV221	Screw (M4 - 0.7 × 8)	螺絲	6
40	N0140	Needle Bar Guard	針柱護罩	1
41		Emblem	銘牌	



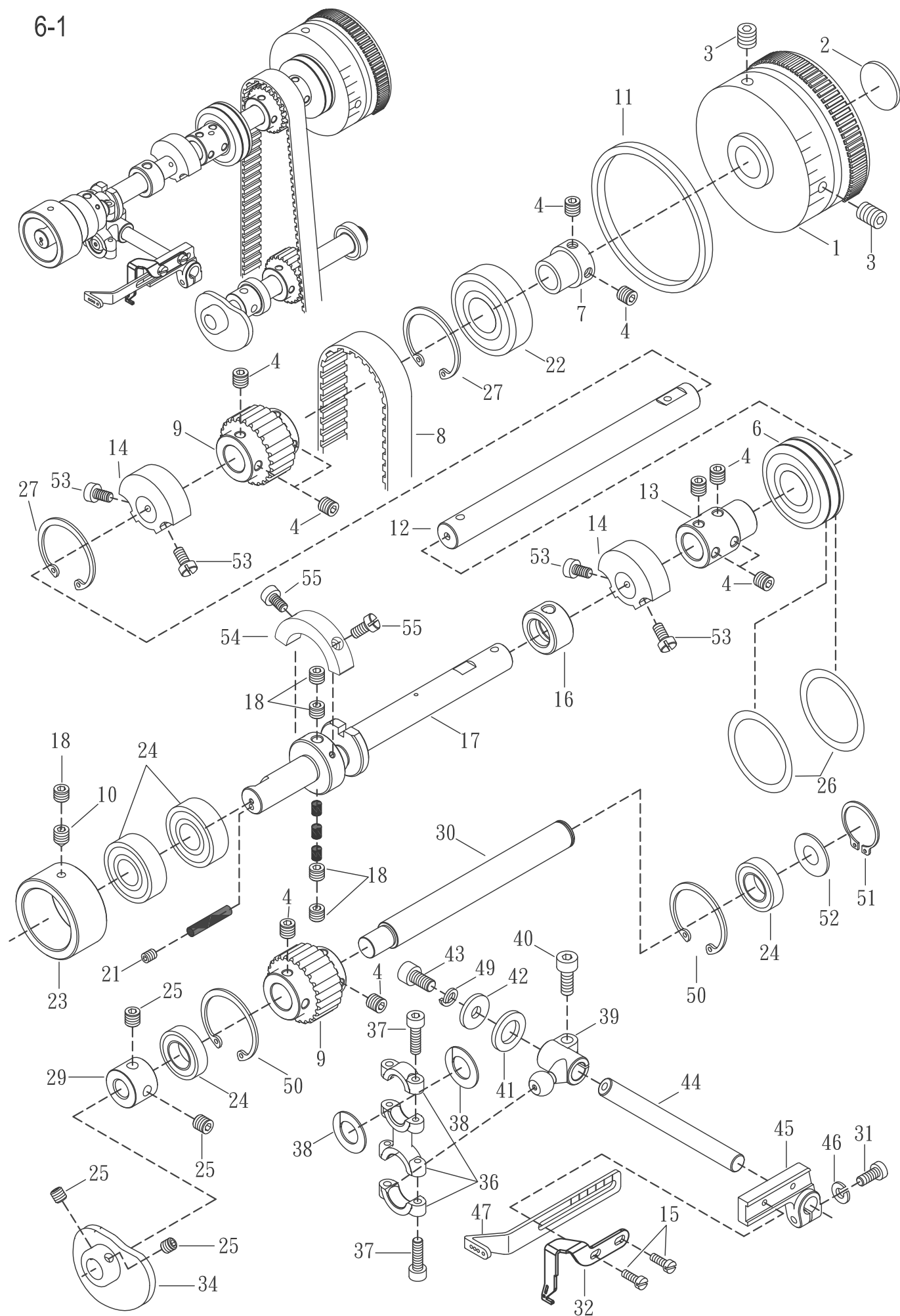
MISCELLANEOUS BUSHINGS & EYE GUARD**套管裝置及護目鏡****4**

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
4	IM001	Felt	油線	2
5	N0405	Persser Bar Bushing	壓腳套管	1
6	VD04	Oil Seal	止油環	1
7	N0407	Spreader Driving Bar Bushing	上飾線結線套管	1
8	VD06	Oil Seal	止油環	1
9	N0409-1	Oil Seal	止油環	1
10	N0410	Needle Thread Take - up Bushing (Front)	針線揚線桿套管 (前)	1
11	N0411	Needle Thread Take - up Bushing (Rear)	針線揚線桿套管 (後)	1
12	N0412	Spreader Driving Shaft Bushing (Left)	上飾線結線器傳動軸套管 (左)	1
13	N0413	Spreader Driving Shaft Bushing (Right)	上飾線結線器傳動軸套管 (右)	1
14	N0414	Oil Seal	止油環	1
15	N0415	Lifter Shaft Persser Bar Bushing	壓腳提升主軸套管	2
16				
17	N0417	Lower Shaft Bushing (Left)	下傳動軸套管 (左)	1
18	N0418	Oiling Felt	給油棉	1
19	N0419	Oil Seal	止油環	1
20	N0420	Lower Shaft Bushing (Right)	下傳動軸套管 (右)	1
21	N0421	Feed Bar Lift Shaft Bushing (Left)	送料具傳動軸套管 (左)	1
22	N0422	Oil Seal	止油環	2
23	N0423	Feed Bar Lift Shaft Bushing (Center)	送料具傳動軸套管 (中)	1
24	N0424	Feed Bar Lift Shaft Bushing (Right)	送料具傳動軸套管 (右)	1
25	N0425	Differential Feed Bar Shaft Bushing (Left)	差動送料具傳動軸套管 (左)	2
26	N0426	Differential Feed Bar Shaft Bushing (Center)	差動送料具傳動軸套管 (中)	1
27	N0427	Differential Feed Bar Shaft Bushing (Right)	差動送料具傳動軸套管 (右)	1
28	N0428	Feed Bar Lift Shaft Bushing (Center)	送料具傳動軸套管 (中)	1
29	N0429	Feed Bar Lift Shaft Bushing (Right)	送料具傳動軸套管 (右)	1
30	N0430	Main Feed Lever Shaft Bushing (Left)	送料具傳動軸套管 (左)	1
31	N0431	Foot Lifter Lever Bushing	抬壓腳連桿套管	1
32	N0432	Needle Guard Holder Bushing (Front)	頂針組套管 (前)	1
33	N0433	Needle Guard Holder Bushing (Rear)	頂針組套管 (後)	1
34	N0434	Micro Differential Feed Adjustment Bushing (Left)	微調差動軸套管 (左)	1
35	N0435-1	Micro Differential Feed Adjustment Bushing (Right)	微調差動軸套管 (右)	1
36	VD21	Seal Plug	止油封塞	1
37	N0437	Looper Driving Shaft Bushing (Front)	下勾針傳動軸套管 (前)	1
38	N0438	Looper Driving Shaft Bushing (Rear)	下勾針傳動軸套管 (後)	1
39				
40	N0440	Eye Guard Bracket	護目鏡固定座	1
41	SV221	Screw (M4 - 0.7 × 8)	螺絲	2
42	WF04-1	Washer	墊片	3
43	N0443	Eye Guard Holder	護目鏡支架	1
44	N0444	Screw (M4 - 0.7)	螺絲	1
45	M0213	Conical Spring Washer	錐形彈簧墊片	1
46				
47	N0447	Nut	螺帽	1
48	N0448	Eye Guard	護目鏡片	1
49	GK08	Screw (M3 - 0.5 × 5.6)	螺絲	2
50	N0450	Latch Spring	鎖門彈簧	1
51	N0451	Screw (M3 - 0.5 × 3)	螺絲	1
52	GE47	Washer	墊圈	2
53	N1048	Oil Seal	止油環	1
57	N0457	Needle Bar Bushing (Lower)	針柱套管 (下)	1
58	N0458	Needle Bar Bushing (Upper)	針柱套管 (上)	1
59	N0459	Micro Differential Feed Adjustment Bushing (Center)	微調差動軸套管 (中)	1
60	N0460	Micro Differential Feed Adjustment Bushing (Center)	微調差動軸套管 (中)	1



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

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N0501	Pulley	皮帶輪 (普通用 選配)	1
2				
3				
4	SV261	Screw (M6 - 1.0 × 8) 尖頭	螺絲	4
5	SF240	Screw (M6 - 1.0 × 6)	螺絲	10
6	VE06	Ball Bearing (Right) (Optional)	滾珠培林 (右) (普通用 選配)	1
7	SF228	Screw (M4 - 0.7 × 4)	螺絲	2
8	VE10	Ball Bearing (47 × 20)	滾珠軸承	1
9	N0509-1	Shaft Sprocket (Lower)	齒形皮帶輪	1
10	M0634	Ball Bearing (47 × 20)	滾珠培林	1
11	N1811	Lower Shaft (Center)	下傳動軸 (中)	1
12	N0512	Oil Pump Driving Worm	油泵傳動螺桿	1
13	L0528	O Ring	O型環	2
14	GE59	O Ring	O型環	2
15	GE11-3	Ball Bearing (Left)	滾珠培林 (左)	1
16	N0516	Lower Crank shaft	下曲軸	1
17	SV260	Screw (M6 - 1.0 × 5)	螺絲	1
18	N0518	Screw (M6 - 1.0 × 4)	螺絲	1
19	N0519-2	Lower Shaft (Left)	下傳動軸 (左)	1
20				
21	SV250	Screw (M5 - 0.8 × 5)	螺絲	1
22	N0522	Needle Guard (Front) Eccentric	頂針片 (前) 偏心輪	1
23	N0523	Needle Guard (Front) Lever	頂針擺動曲柄 (前)	1
24	N0524	Screw (M3 - 0.5 × 10)	螺絲	2
25	N0525	HR Felt	吸油氈	1
26	N0526	Needle Guard (Front) Holder	頂針片 (前) 固定座	1
27	N0527	Needle Guard (Front)	頂針片 (前)	1
28	SV212	Screw (M3 - 0.5 × 6.5)	螺絲	2
29	N0529	Needle Guard (Rear) Lever	頂針擺動曲柄 (後)	1
30	N0530	Needle Guard (Rear) Holder	頂針片 (後) 固定座	1
31	N0531	Needle Guard (Rear)	頂針片 (後)	1
32	N0532	Dust - Proof Plate	防塵蓋	1
33	SV220	Screw (M4 - 0.7 × 3.5)	螺絲	2
34	VE07	Retaining Ring	扣環	1
35	N0535	Anti-shock Rubber	避震膠墊	2
36	SV253	Screw (M5 - 0.8 × 16)	螺絲	4
37	N0537	Ball Bearing Base (Optional)	培林固定座 (普通用 選配)	1
38	N0538-1	Lower Shaft (Right) (Optional)	下傳動軸 (右) (普通用 選配)	1
39	N0539	Base Top Cover (Coptional)	固定座上蓋 (普通用 選配)	1
40	L0503	Collar	軸套	1
41	SF220	Screw (M4 - 0.7 × 10) (Optional)	螺絲 (普通用 選配)	2
42	GE13	Lower Shaft Joint	下傳動軸連結套管	1
43				
44	M0604	Screw (M6 - 0.75 × 5)	螺絲	2
45	VE09	Retaining Ring	扣環	1
46	N0546	Felt	羊毛氈	1

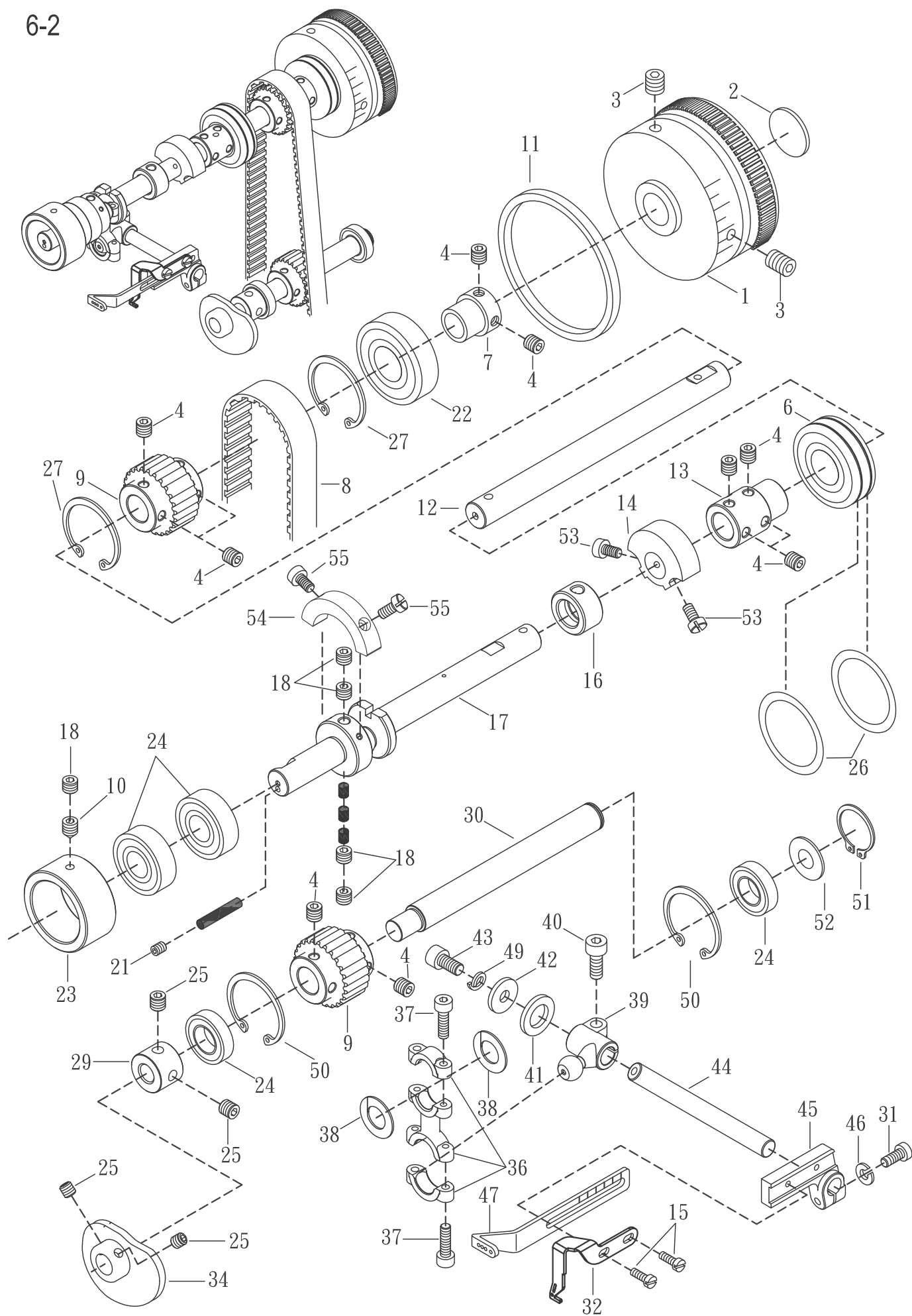


UPPER SHAFT - MECHANISM

上軸機構

6-1

Ref.	Parts			
No.	No.	Description	產 品 名 稱	Amt . Req .
1	F0601	Handwheel	手推輪	1
2	VF04	Handwheel Mark	手推輪商標銘牌	1
3	SF241	Screw (M6 - 1.0 × 10)	螺絲	2
4	SF240	Screw (M6 - 1.0 × 6)	螺絲	12
5				
6	M0634	Ball Bearing	滾珠軸承	1
7	N0607	Collar	軸套	1
8	N0608	Timing Belt(GT560-5GT)	齒形皮帶	1
9	GF08	Upper Shaft Sprocket (Upper)	上主軸齒形輪 (上)	2
10	SV261	Screw (M6 - 1 × 8)	螺絲 (尖頭)	1
11	F0639-3	O-ring	橡膠環	1
12	N0612	Upper Shaft	上主軸傳動軸	1
13	N0613	Upper Shaft Joint	上主軸接頭	2
14	VE13	Counterweight (Small)	平衡配重凸輪	2
15	SV221	Screw (M4 - 0.7 × 8)	螺絲	2
16	N0616	Oil Sleeve	聚油套環	1
17	N0617-1	Upper Crank Shaft	上曲軸	1
18	SV260	Screw (M6 - 1.0 × 5)	螺絲	5
21	MEA050	Screw (M3.5 - 0.6 × 5)	螺絲	1
22	VE10	Ball Bearing	滾珠軸承	1
23	N0623	Connecting Rod	培林殼	1
24	VF19	Ball Bearing	滾珠培林	4
25	SF142	Screw (SM7 / 32 - 32 × 4)	螺絲	4
26	L0528	O Ring	O型環	2
27	VE09	Retaining Ring	扣環	2
29	N0629	Collar	軸環	1
30	N0630	Looper Thread Take - up Shaft	下勾針提線主軸	1
31	SV253	Screw (M5 - 0.8 × 16)	螺絲	1
32	M0835	Top Cover Thread Take - up	上飾線揚線桿	1
34	F0530	Looper Thread Take - up	下勾針提線輪	1
35				
36	N0636	Connecting Rod	萬向連桿	1
37	SV223	Screw (M4 - 0.7 × 14)	螺絲	4
38	N0535	Anti-shock Rubber	避震膠墊	2
39	N0639	Guide Fork	傳動桿	1
40	SV268	Screw (M6 - 1.0 × 16)	螺絲	1
41	N0641	Spacer	襯套	1
42	VF29	Washer	墊片	1
43	SV252	Screw (M5 - 0.8 × 10)	螺絲	1
44	N0644	Driving Shaft	傳動軸	1
45	M0808	Bracket	固定座	1
46	SW06	Spring Washer	彈簧墊片	2
47	N0647	Needle Thread Take - up	針線揚線桿	1
48				
49				
50	N0650	Retaining Ring	扣環	2
51	N0651	Retaining Ring	扣環	1
52	N0652	Washer	墊片	1
53	SF220	Screw (M4 - 0.7 × 10)	螺絲	4
54	N0654	Counterweight	配重塊	1
55	SV216	Screw (M3 - 0.5 × 12)	螺絲	2

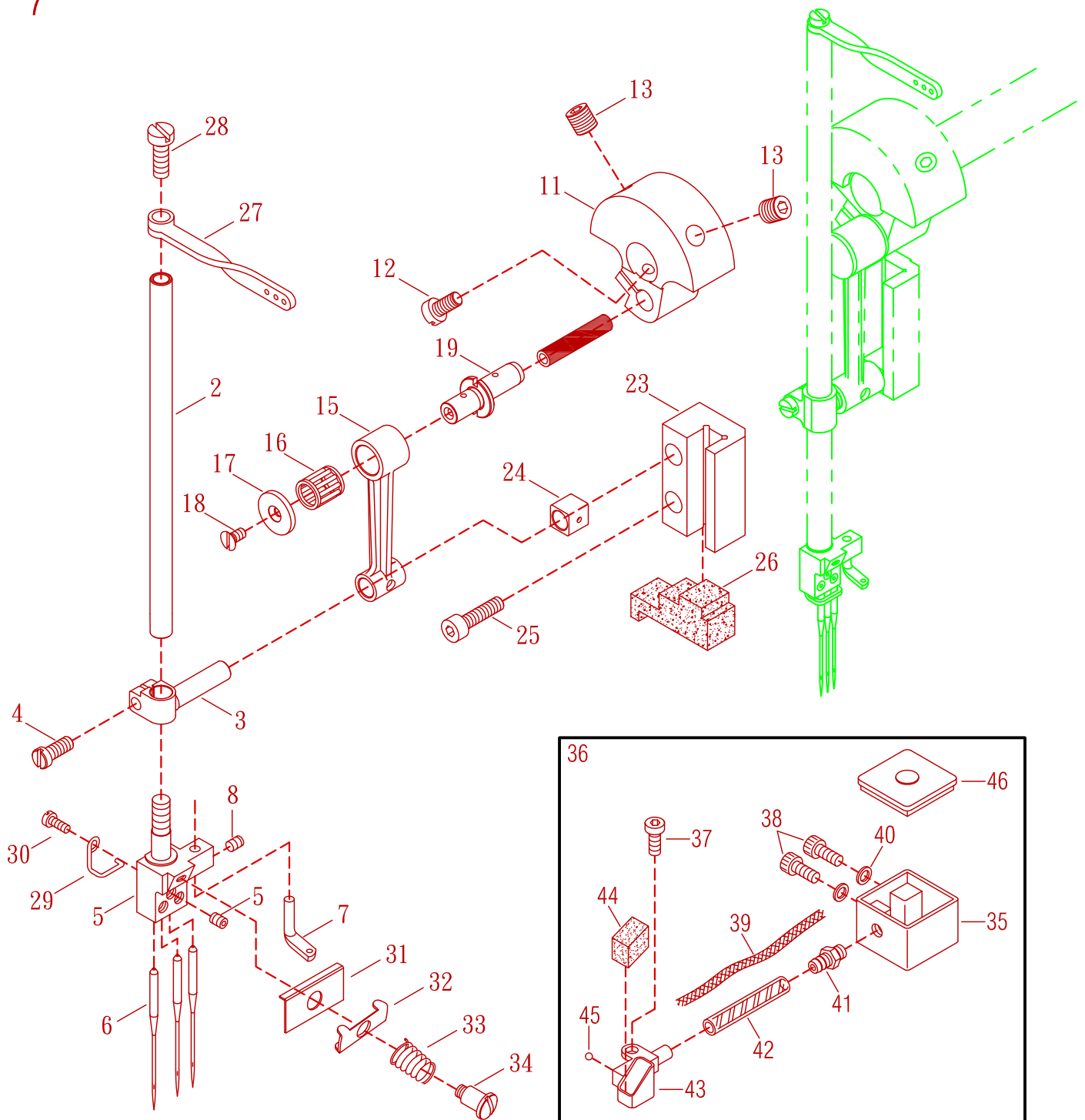


UPPER SHAFT - MECHANISM

上軸機構 (RP 拖輪專用)

6-2

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	F0601	Handwheel	手推輪	1
2	VF04	Handwheel Mark	手推輪商標銘牌	1
3	SF241	Screw (M6 - 1.0 × 10)	螺絲	2
4	SF240	Screw (M6 - 1.0 × 6)	螺絲	12
5				
6	M0634	Ball Bearing	滾珠軸承	1
7	N0607	Collar	軸套	1
8	N0608	Timing Belt(GT560-5GT)	齒形皮帶	1
9	GF08	Upper Shaft Sprocket (Upper)	上主軸齒形輪 (上)	2
10	SV261	Screw (M6 - 1 × 8)	螺絲 (尖頭)	1
11	F0639-3	O-ring	橡膠環	1
12	N0612	Upper Shaft	上主軸傳動軸	1
13	N0613	Upper Shaft Joint	上主軸接頭	1
14	VE13	Counterweight (Small)	平衡配重凸輪	1
15	SV221	Screw (M4 - 0.7 × 8)	螺絲	2
16	N0616	Oil Sleeve	聚油套環	1
17	N0617	Upper Crank Shaft	上曲軸	1
18	SV260	Screw (M6 - 1.0 × 5)	螺絲	5
21	MEA050	Screw (M3.5 - 0.6 × 5)	螺絲	1
22	VE10	Ball Bearing	滾珠軸承	1
23	N0623	Connecting Rod	培林殼	1
24	VF19	Ball Bearing	滾珠培林	4
25	SF142	Screw (SM7 / 32 - 32 × 4)	螺絲	4
26	L0528	O Ring	O型環	2
27	VE09	Retaining Ring	扣環	2
29	N0629	Collar	軸環	1
30	N0630	Looper Thread Take - up Shaft	下勾針提線主軸	1
31	SV253	Screw (M5 - 0.8 × 16)	螺絲	1
32	M0835	Top Cover Thread Take - up	上飾線揚線桿	1
33				
34	F0530	Looper Thread Take - up	下勾針提線輪	1
36	N0636	Connecting Rod	萬向連桿	1
37	SV223	Screw (M4 - 0.7 × 14)	螺絲	4
38	N0535	Anti-shock Rubber	避震膠墊	2
39	N0639	Guide Fork	傳動桿	1
40	SV268	Screw (M6 - 1.0 × 16)	螺絲	1
41	N0641	Spacer	襯套	1
42	VF29	Washer	墊片	1
43	SV252	Screw (M5 - 0.8 × 10)	螺絲	1
44	N0644	Driving Shaft	傳動軸	1
45	M0808	Bracket	固定座	1
46	SW06	Spring Washer	彈簧墊片	2
47	N0647	Needle Thread Take - up	針線揚線桿	1
48				
49				
50	N0650	Retaining Ring	扣環	2
51	N0651	Retaining Ring	扣環	1
52	N0652	Washer	墊片	1
53	SF220	Screw (M4 - 0.7 × 10)	螺絲	2
54	N0654	Counterweight	配重塊	1
55	SV216	Screw (M3 - 0.5 × 12)	螺絲	2



N0709-CS248
N0709-CS356
N0709-CS364

N0709-240
N0709-248
N0709-356
N0709-360
N0709-364
N0709-460
N0709-464
N0709-356TN
N0709-364TN

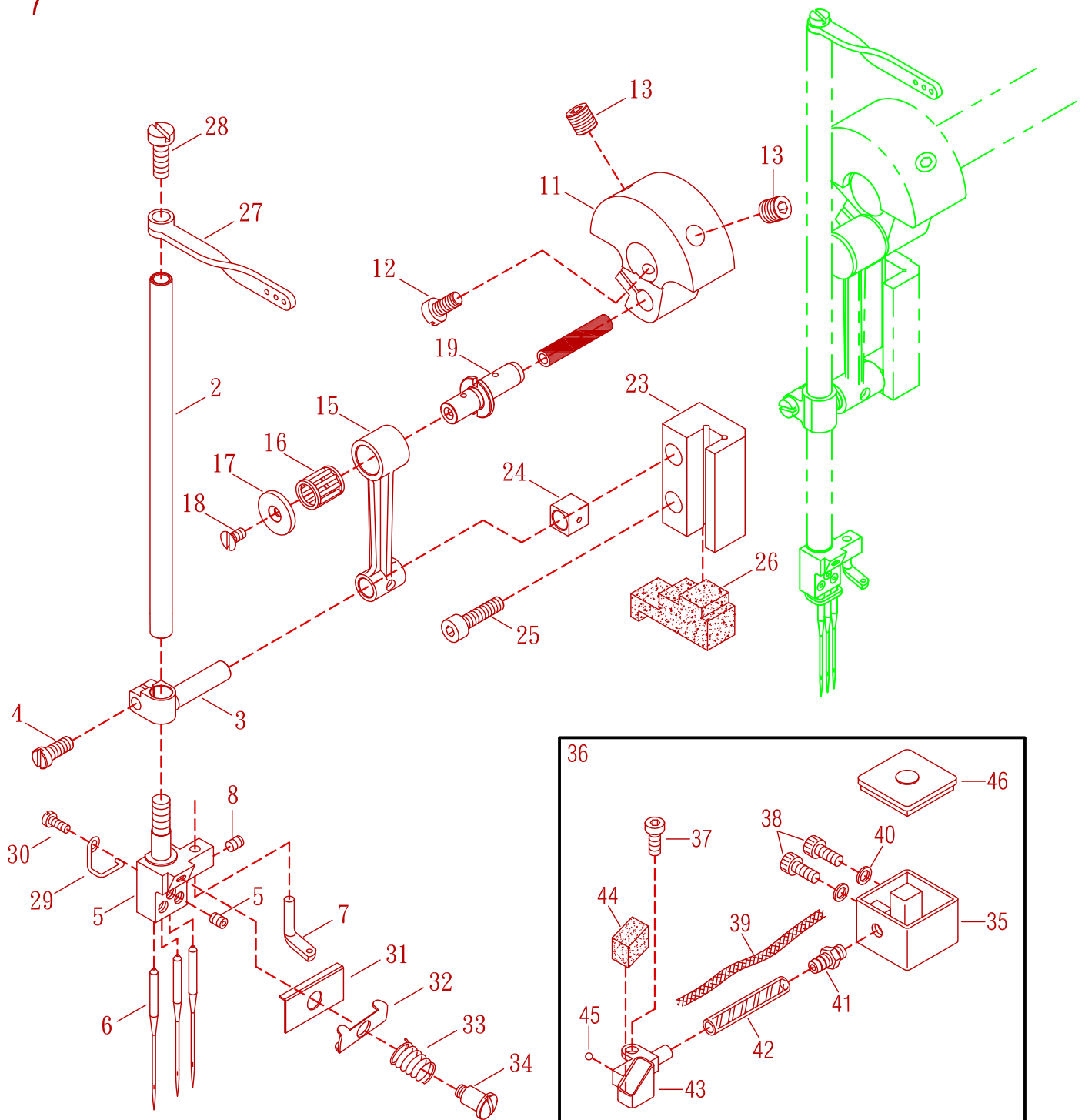
NEEDLE BAR MECHANISM

針棒機構

7

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				
2	GG04-2	Needle Bar	針柱	1
3	N0703	Needle Bar Bracket	針柱驅動架	1
4	MFB100	Screw (M4 - 0.7 × 10)	螺絲	1
	VG240-2	Needle Clamp (240)	針鉤 (2 針 4.0)	
	VG248-2	Needle Clamp (248)	針鉤 (2 針 4.8)	
	VG356-2	Needle Clamp (356)	針鉤 (3 針 5.6)	
5	VG360-2	Needle Clamp (360)	針鉤 (3 針 6.0)	1
	VG364-2	Needle Clamp (364)	針鉤 (3 針 6.4)	
	VG460-2	Needle Clamp (460)	針鉤 (4 針 6.0)	
	VG464-2	Needle Clamp (464)	針鉤 (4 針 6.4)	
6	UY×128 # 11	Needle	車針	3
7	FC38	Top Cover Thread Eyelet	上飾線過線桿	1
8	SF106	Screw (SM1/8 - 44 × 2.8)	螺絲	4
	N0709-240	Stitch Plate (240)	針板 (2 針 4.0)	
	N0709-248	Stitch Plate (248)	針板 (2 針 4.8)	
	N0709-356	Stitch Plate (356)	針板 (3 針 5.6)	
	N0709-360	Stitch Plate (360)	針板 (3 針 6.0)	
	N0709-364	Stitch Plate (364)	針板 (3 針 6.4)	
9	N0709-460	Stitch Plate (460)	針板 (4 針 6.0)	1
	N0709-464	Stitch Plate (464)	針板 (4 針 6.4)	
	N0709-356TN	Stitch Plate (356TN) (Light material)	針板 (3 針 5.6) (薄料)	
	N0709-364TN	Stitch Plate (364TN) (Light material)	針板 (3 針 6.4) (薄料)	
	N0709CS248	Stitch Plate (CS248) (Flatten-out type)	針板 (2 針 4.8) (立骨)	
	N0709CS356	Stitch Plate (CS356) (Flatten-out type)	針板 (3 針 5.6) (立骨)	
	N0709CS364	Stitch Plate (CS364) (Flatten-out type)	針板 (3 針 6.4) (立骨)	
10	GG14	Screw (SM9/64 - 40 × 5)	針板螺絲	2
11	N0711	Counterweight	平衡配重凸輪	1
12	N0712	Screw (M5 - 0.8 × 10)	螺絲	2
13	N0713	Screw (M8 - 1.25 × 12)	螺絲	2
14				
15	N0715	Connecting Rod	連桿	1
16	VG19	Roller Bearing	滾針培林	1
17	N0717	Connecting Rod Ring	連桿襯墊	1
18	SV211	Screw (M3 - 0.5 × 6)	螺絲	1
19	N0719-1	Connecting Rod Pin	連桿插銷	1
23	N0723	Needle Bar Guide	針柱定位導槽	1
24	VG22	Slide Block	針柱定位滑塊	1
25	MFP160	Screw (M4 - 0.7 × 16)	螺絲	2
26	N0726	Felt	吸油棉	1
27	VG03	Needle Bar Thread Eyelet	針柱頂線過線桿	1
28	SF114	Screw (SM9/64 - 40 × 7.5)	螺絲	1
29	N0729	Eyelet Spring	針鉤固定線	1
30	SF205	Screw (M2.6 - 0.45 × 5)	螺絲	1

* Ref. No. 31 to 46 • • • • See the following page



N0709-CS248
N0709-CS356
N0709-CS364

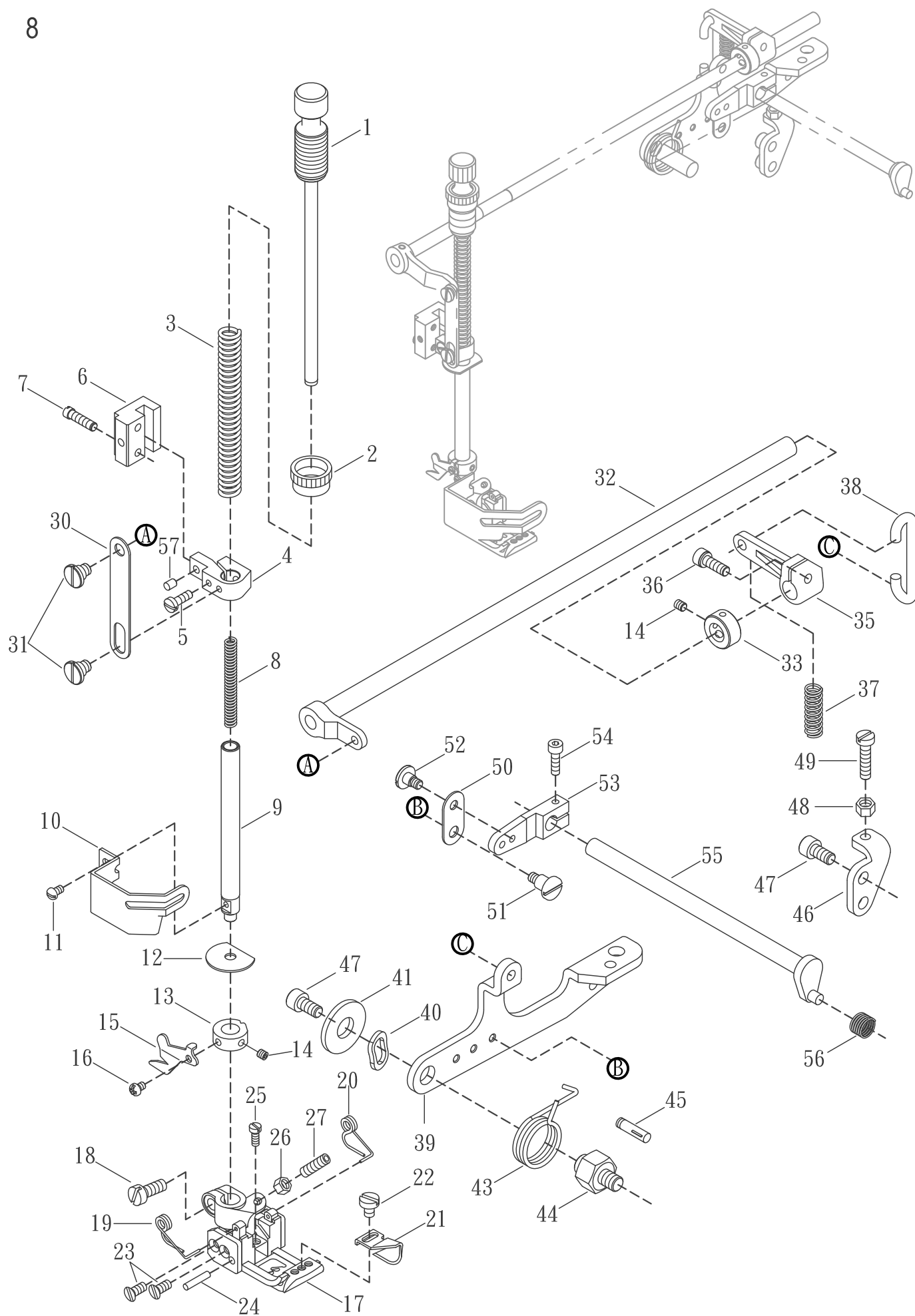
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N0709-248
N0709-356
N0709-360
N0709-364
N0709-460
N0709-464
N0709-356TN
N0709-364TN

NEEDLE BAR MECHANISM**針棒機構**

7

Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
31	VC34	Thread Retainer Disc Support	針線張力導板	1
32	VC35	Needle Thread Retainer Disc	針線張力調整組壓板(小)	1
33	VC36	Needle Thread Retainer Spring	針線張力彈簧	1
34	SV108	Screw (SM1/8 - 44)	螺絲	1
35	N0735	HR Container	矽油盒	1
36	N0736	HR Device , Complete Set	擊針冷卻系統組	1
37	SV221	Screw (M4 - 0.7 × 8)	螺絲	1
38	SF225	Screw (M4 - 0.7 × 10)	螺絲	2
39	VG30	Felt	油線	1
40	SW03	Spring Washer	彈簧墊片	2
41	VG28	Pipe Joint	接合管	1
42	VG29	Oil Tube	油管	1
43	VG31	HR Cup	擊針冷卻杯	1
44	VG32	HR Felt	吸油氈	1
45	VG33	Seal Plug	止油珠塞	1
46	VG34	HR Cup Cap	矽油杯蓋	1

*Ref.No. 1 to 30 See the preceding page.

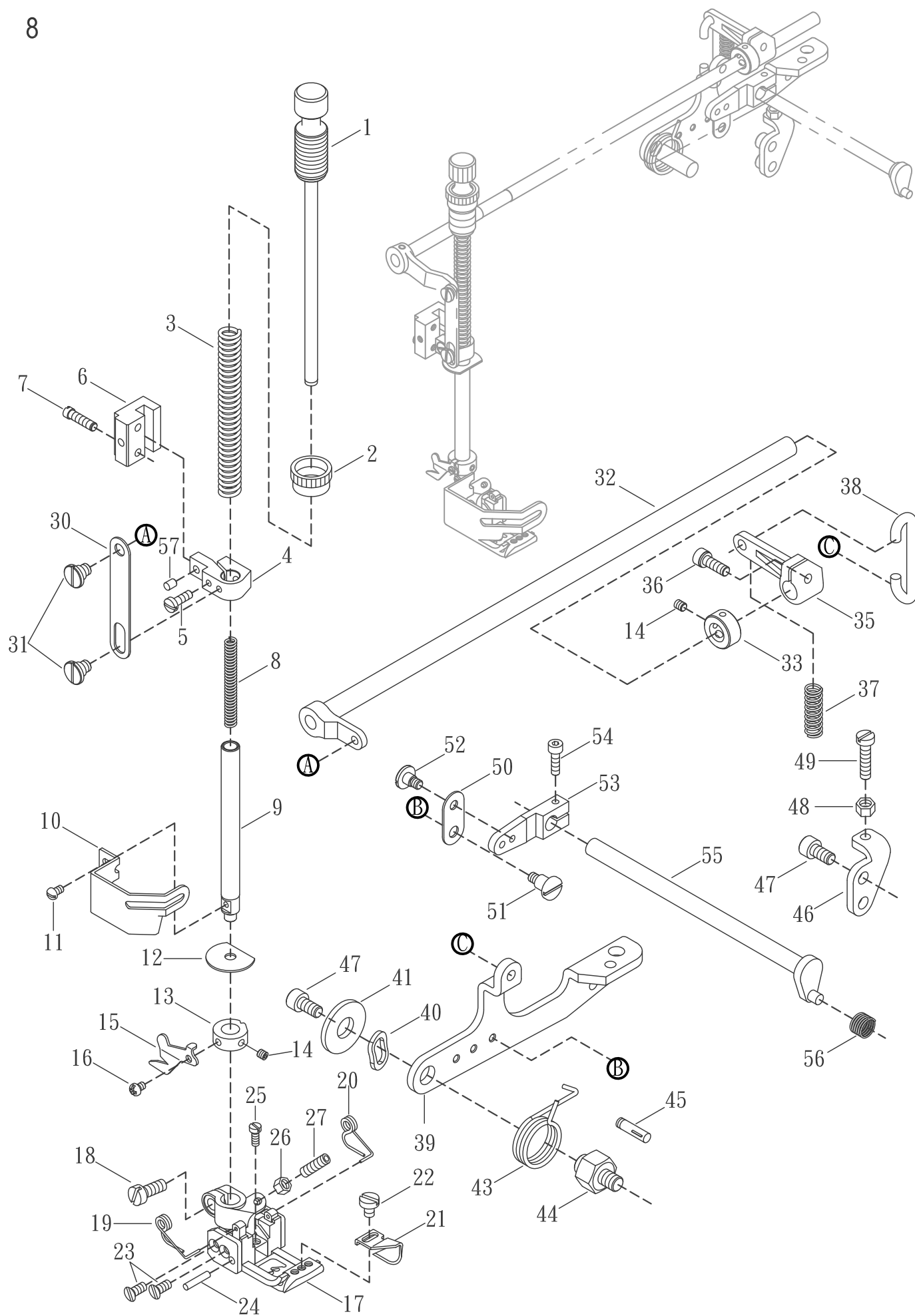


SPREADER MECHANISM**壓腳機構**

8

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N0801	Presser Spring Regulator	壓力調節椿	1
2	VH03	Lock Nut	螺帽	1
3	N0803	Presser Bar Spring (Outer)	壓腳棒彈簧 (外)	1
4	N0804	Presser Bar Connecting Bracket	壓腳固定臂	1
5	SV222	Screw (M4 - 0.7 × 12)	螺絲	1
6	VH07	Presser Bar Guide	固定臂導槽	1
7	SF127	Screw (SM11 / 64 - 40 × 16)	螺絲	2
8	N0808	Presser Bar Spring (Inner)	壓腳棒彈簧 (內)	1
9	N0809	Presser Bar	壓腳桿	1
10	GH47	Safety Spring	安全護線	1
11	SV215	Screw (M3 - 0.5 × 5)	螺絲	1
12	VH11	Oil Protector Ring	矽膠片	1
13	N0813	Collar (9 × 17 × 7mm)	限動環	1
14	SF228	Screw (M4 - 0.7 × 4)	螺絲	3
15	VH50	Thread Chain Cutting Knife	割線刀	1
16	SV214	Screw (M3 - 0.5 × 4)	螺絲	1
17	VH240	Presser Foot , Complete Set (240)	壓腳組(2針4.0)	1
	VH248	Presser Foot , Complete Set (248)	壓腳組(2針4.8)	
	VH356	Presser Foot , Complete Set (356)	壓腳組(3針5.6)	
	VH360	Presser Foot , Complete Set (360)	壓腳組(3針6.0)	
	VH364	Presser Foot , Complete Set (364)	壓腳組(3針6.4)	
	VH460	Presser Foot , Complete Set (460)	壓腳組(4針6.0)	
	VH464	Presser Foot , Complete Set (464)	壓腳組(4針6.4)	
18	SF116	Screw (SM9 / 64 - 40 × 8)	螺絲	1
19	VH16	Presser Foot Spring (Left)	壓腳彈簧 (左)	1
20	VH24	Presser Foot Spring (Right)	壓腳彈簧 (右)	1
21	VH26	Fabric Guide (Long)	分割片	1
22	SV206	Screw (M2.5 - 0.45 × 3.5)	螺絲	1
23	SV103	Screw (SM3 / 32 - 56 × 5)	螺絲	4
24	VH20	Presser Foot Hinge Pin	壓腳結合插銷	1
25	SF106	Screw (SM1 / 8 - 44 × 2.8)	螺絲	1
26	NV11	Lock Nut	保險螺帽	1
27	SV109	Screw (SM1 / 8 - 44 × 10)	螺絲	1
30	N0830	Lifter Link	提升連桿	1
31	N0831	Screw (M5 - 0.8 × 3.5)	螺絲	2
32	N0832	Lifter Shaft	壓腳提升主軸	1
33	N0833	Collor (8 mm × 16 mm × 8 mm)	定位環	1
34				
35	N0835	Intermediate Lever	連接拉柄	1
36	SF231	Screw (M5 - 0.8 × 14)	螺絲	1
37	N0837	Spring	彈簧	1
38	N0838	Chain Link	連結勾	1
39	N0839	Lifter Lever	揚升臂	1
40	N0840	Wave Washer	波形彈簧墊片	1

* Ref. No. 41 to 57 See the following page

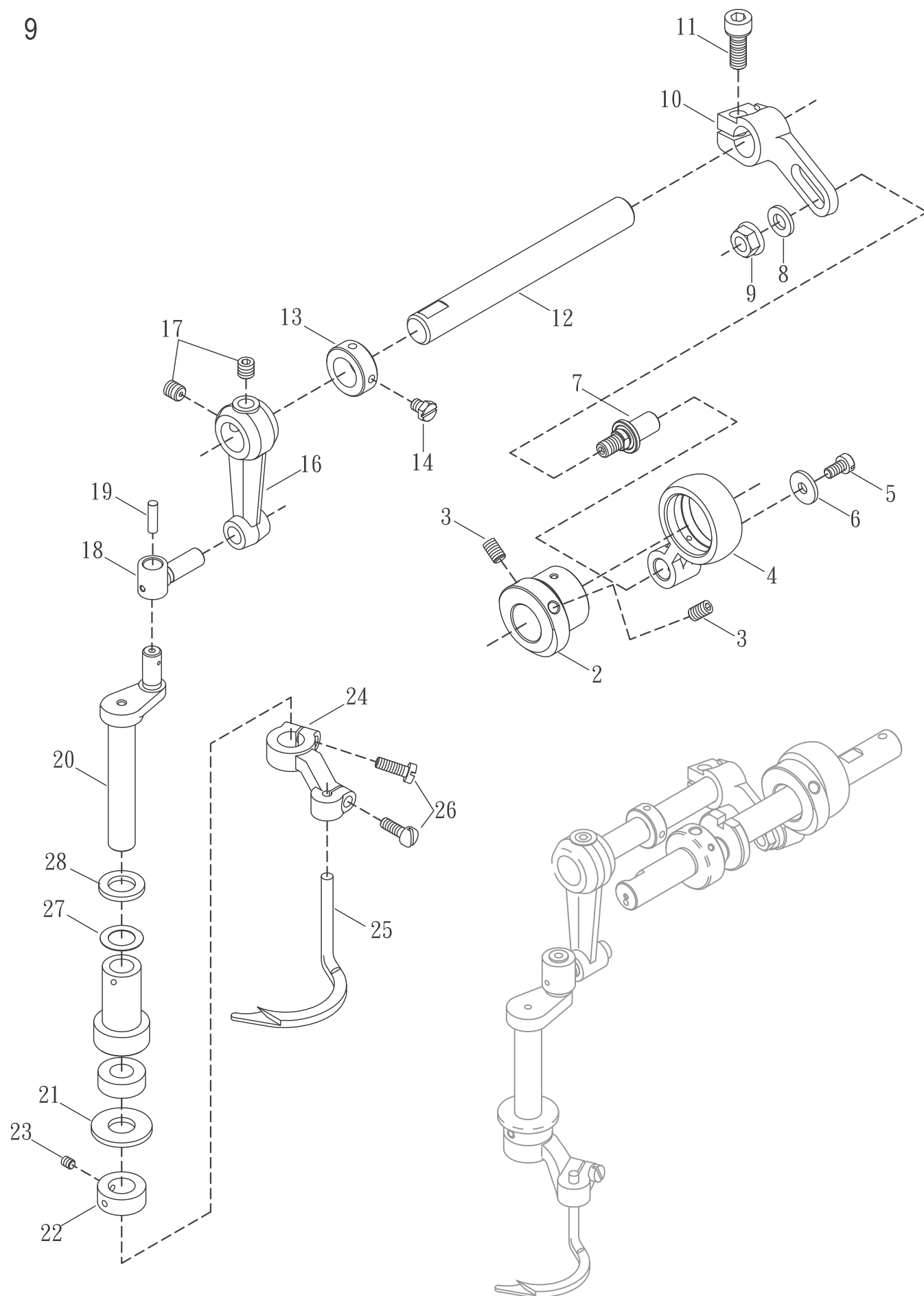


SPREADER MECHANISM**壓腳機構**

8

<u>Ref.</u> <u>No.</u>	<u>Parts</u> <u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Amt .</u> <u>Req .</u>
41	WF07	Washer	墊片	1
42				
43	N0843	Lifter Spring	提升扭簧	1
44	N0844	Lifter Lever Holder	揚升臂螺椿	1
45	H1332-1	Pin	固定銷	1
46	N0846	Bracket	固定片	1
47	GL16	Screw (M6 - 1 × 12)	螺絲	3
48	NV12	Nut	螺帽	1
49	N0849	Screw (M5 - 0.8 × 18)	螺絲	1
50	N0850	Connecting Plate (Optional)	連結器 (普通用 選配)	1
51	N0851	Screw (M4 - 0.7 × 5)	螺絲	1
52	N0852	Screw (M4 - 0.7 × 4) (Optional)	螺絲 (普通用 選配)	1
53	N0853	Tension Release Lever (Optional)	拉力釋放槓桿 (普通用 選配)	1
54	SV223	Screw (M4 - 0.7 × 14)	螺絲	1
55	N0855-1	Tension Release Shaft (Optional)	拉力釋放曲軸 (普通用 選配)	1
56	VH49	Vibration Absorb Spring (Optional)	防震彈簧 (普通用 選配)	1
57	N0804-1	Fastener Pin	押腳固定銷	1

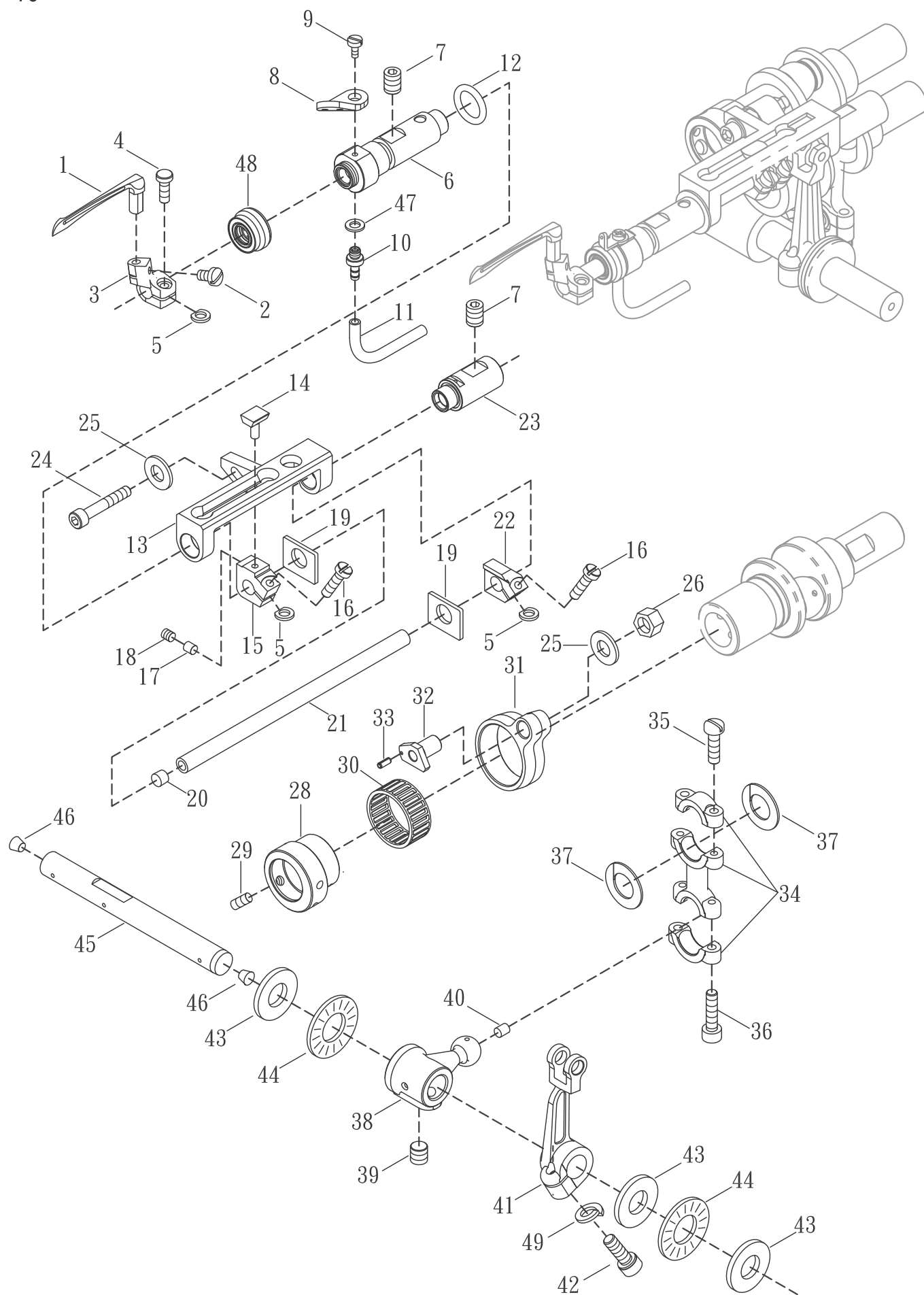
*Ref.No. 1 to 40 See the preceding page.



SPREADER MECHANISM上飾線勾針機構

9

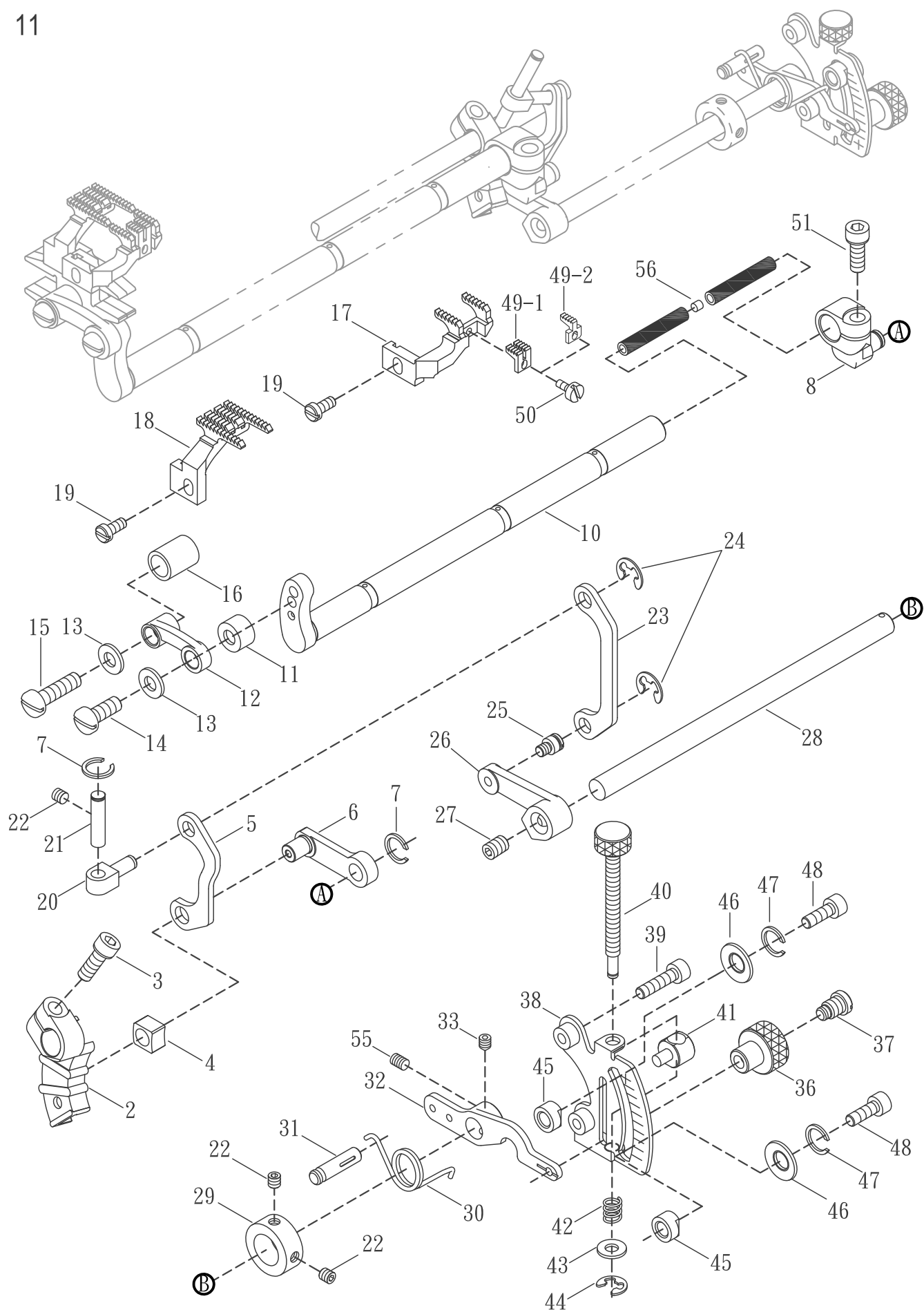
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1				
2	N0902	Eccentric	偏心輪	1
3	SV250	Screw (M5 - 0.8 × 5)	螺絲	2
4	N0904	Connecting Rod	培林殼連桿	1
5	SV221	Screw (M4 - 0.7 × 8)	螺絲	1
6	VI08	Washer	墊片	1
7	VI09	Adjusting Lever Pin	可調式插銷	1
8	WF06	Washer	墊片	1
9	NF31	Nut	螺帽	1
10	N0910	Adjusting Lever	可調式接柄	1
11	SV268	Screw (M6 - 1.0 × 16)	螺絲	1
12	N0912	Driving Shaft	主動軸	1
13	VI 22	Collar	軸環	1
14	SV222	Screw (M4 - 0.7 × 6)	螺絲	2
15				
16	VI17	Rocking Arm	搖臂	1
17	SF240	Screw (M6 - 1.0 × 6)	螺絲	2
18	VI19	Rocking Pin	延展臂	1
19	N0919	Oil Wick	油蕊	1
20	VI20	Spreader Bar	上叉棒	1
21	VI21	Bushing Ring	襯片	1
22	N0922	Collar (10 × 18 × 7mm)	定位軸環	1
23	SCQ040	Screw (SM9/ 64 - 40 × 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
27	N0927	Thrust Sheet	止油紙墊片	1
28	N0928	Thrust Sheet	墊片	1



LOOPER DRIVING MECHANISM下勾針驅動機構

10

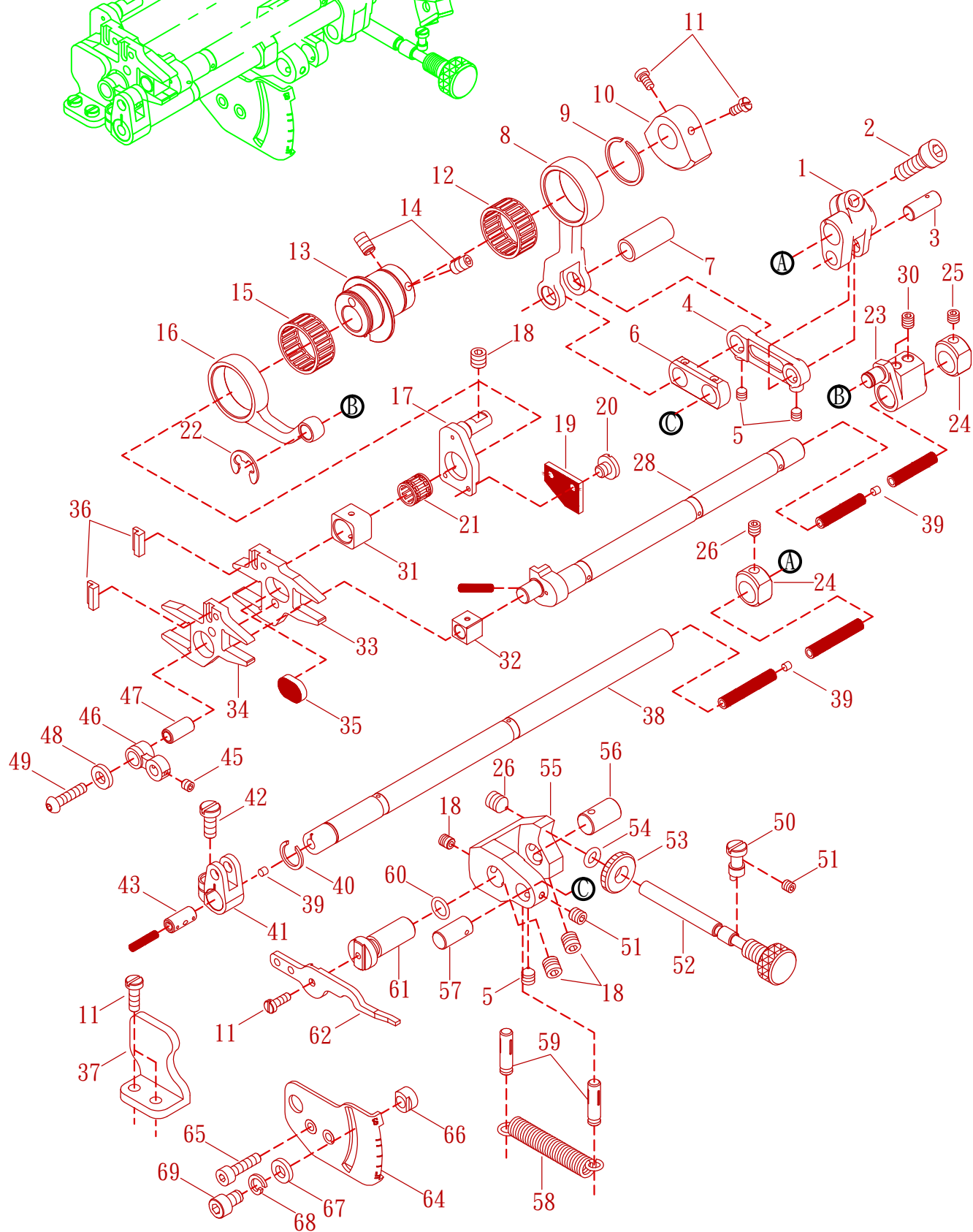
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	VJ01	Looper	下勾針	1
2	SV311	Screw (M4 - 0.7 × 5)	螺絲	1
3	N1003	Looper Holder	結線勾座	1
4	SV312	Screw (M3.5 - 0.6 × 10)	螺絲	1
5	VJ05	Spacer (Fiber)	紅墊片	3
6	N1006-1	Looper Bar Bushing (Left)	下勾針驅動軸襯套 (左)	1
7	SV264	Screw (M6 - 1 × 8)	螺絲	2
8	L0376	Looper Thread Eyelet (Right)	下飾線過線板 (右)	1
9	SV210	Screw (M3 - 0.5 × 4)	螺絲	1
10	FL15	Oil Tube (Long), Complete Set	油嘴	1
11	N1011	Oil Tube ($\phi 3 \times \phi 5 \times 110\text{mm}$)	油管	1
12	J0613	O Ring	O型環	1
13	N1013-1	Looper Bar Guide	下勾針驅動軸導槽	1
14	VJ13-1	Slider	滑塊	1
15	N1015-1	Slider Holder (Left)	滑塊固定座 (左)	1
16	N1016	Screw (M3.5 - 0.6 × 12)	螺絲	2
17	VJ17	Seal Plug	封塞	1
18	SF228	Screw (M4 - 0.7 × 4)	螺絲	1
19	N1019	Silder Presser	止推墊片	2
20	VJ20	Seal Plug	封閉塞	1
21	N1021	Looper Bar	驅動軸	1
22	N1022	Slide Holder (Right)	定位塊 (右)	1
23	N1023	Looper Bar Guide Shaft (Right)	下勾針驅動軸襯套 (右)	1
24	SV254	Screw (M5 - 0.8 × 30)	螺絲	1
25	GJ08	Washer	墊片	2
26	NV12	Nut	螺帽	1
27				
28	N1028	Looper Rocker Regulating Eccentric	下勾針搖臂可調偏心輪	1
29	SV250	Screw (M5 - 0.8 × 5)	螺絲	1
30	VJ32	Roller Bearing	滾針軸承	1
31	VJ33	Looper Rocker Connecting Rod	下勾針培林殼連桿	1
32	VJ26	Looper Rocker Adjusting Pin	下勾針搖臂調整銷	1
33	VJ27	Roll Pin	棍子銷	1
34	N1034	Looper Connecting Rod	雙球連桿	1
35	SV241	Screw (M4 - 0.7 × 14)	螺絲	2
36	MFP160	Screw (M4 - 0.7 × 16)	螺絲	2
37	N0535	Anti-shock Rubber	避震膠墊	2
38	N1038	Looper Driving Lever	下勾針驅動桿	1
39	N0713	Screw (M8 - 1.25 × 12)	螺絲	2
40	VL52	Seal Plug	封塞	1
41	N1041-1	Looper Rocker Arm	下勾針搖臂	1
42	SV268	Screw (M6 - 1.0 × 16)	螺絲	1
43	VJ43	Thrust Plate	推力墊圈	3
44	VJ44	Spring Washer	彈簧墊片	2
45	N1045	Looper Driving Shaft	下勾針主軸	1
46	VA24	Seal Plug	鋁塞	2
47	FL14	Seal	紅墊片	1
48	N1048	Oil Seal	止油環	1
49	15-39	Spring Washer	彈簧墊片	1



DIFFERENTIAL FEED RATIO DEVICE**差動驅動調整機構**

11

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1				
2	N1102	Differential Feed Rocker Arm	前送料調節腕	1
3	SV268	Screw (M6 - 1.0 × 16)	螺絲	1
4	N1104	Differential Regulating Slider	前送料調節滑塊	1
5	N1105	Differential Link	差動連桿	1
6	N1106	Link Lever	連桿 (中)	1
7	N1107	Retaining Ring	扣環	2
8	N1108	Rocker Shaft	搖臂	1
9				
10	N1110R	Differential Feed Shaft	前送料軸	1
11	N1111	Driving Connecting Bushing	驅動連杆襯套 (短)	1
12	N1112	Differential Feed Driving Connection	差動驅動連杆	1
13	GJ08	Washer	墊片	2
14	SV256	Screw (M5 - 0.8 × 13)	螺絲	1
15	N1115	Screw (M5 - 0.8 × 18)	螺絲	1
16	N1116	Driving Connecting Bushing	驅動連杆襯套(長)	1
17	N1117	Differential Feed Dog	差動齒	1
18	N1118	Main Feed Dog	九齒 (主齒)	1
19	SV310	Screw (M3.5 - 0.6 × 8)	螺絲	2
20	N1120	Slider	滑塊	1
21	N1121	Linear Guide	滑塊銷	1
22	SF228	Screw (M4 - 0.7 × 4)	螺絲	3
23	N1123	Connecting Rocker	連桿 (大)	1
24	GK13	Retaining Ring	扣環	2
25	N1125	Screw	螺絲	1
26	N1126	Differential Feed Link Lever	差動連動臂	1
27	SV260	Screw (M6 - 1.0 × 5)	螺絲	1
28	N1128	Differential Feed Shaft	差動軸	1
29	N1129	Collar	軸環	1
30	H1333	Spring	扭簧	1
31	H1332	Pin	固定銷	1
32	H1334	Differential Feed Control Lever	差動控制桿	1
33	MHR050	Screw (M5 - 0.8 × 5)	螺絲	1
35				
36	H1343	Adjusting Nut	調整螺帽	1
37	SV267	Screw (M6 - 1 , M4.5 - 0.5)	螺絲	1
38	N1138	Differential Feed Graduations	差動刻度板	1
39	MFP160	Screw (M4 - 0.7 × 16)	螺絲	2
40	H1337	Differential Feed Adjusting Screw	差動調整螺桿	1
41	H1338	Differential Feed Nut	差動螺帽	1
42	H1339	Spring	彈簧	1
43	WF04	Washer	墊片	1
44	H1341	Retaining Ring	扣環 ETW-2.5	1
45	VK42	Control Lever Stop	控制桿止塊	2
46	VK48	Washer	墊片	2
47	SW06	Spring Washer	彈簧墊片	2
48	SV251	Screw (M5 - 0.8 × 8)	螺絲	2
49-1	N1149	Differential Feed Dog (Middle)	小差動齒	1
49-2	N1149CS	Differential Feed Dog (Middle) (Optional)	小差動齒 (立骨) 選配	1
50	N0287	Screw (M2.5 - 0.45 × 5.2)	螺絲	1
51	GK03	Screw (M6 - 1.0 × 14)	螺絲	1
54				
55	MHO030	Screw (M5 - 0.8 × 3)	螺絲	1
56	VA24	Seal Plug	封塞	1

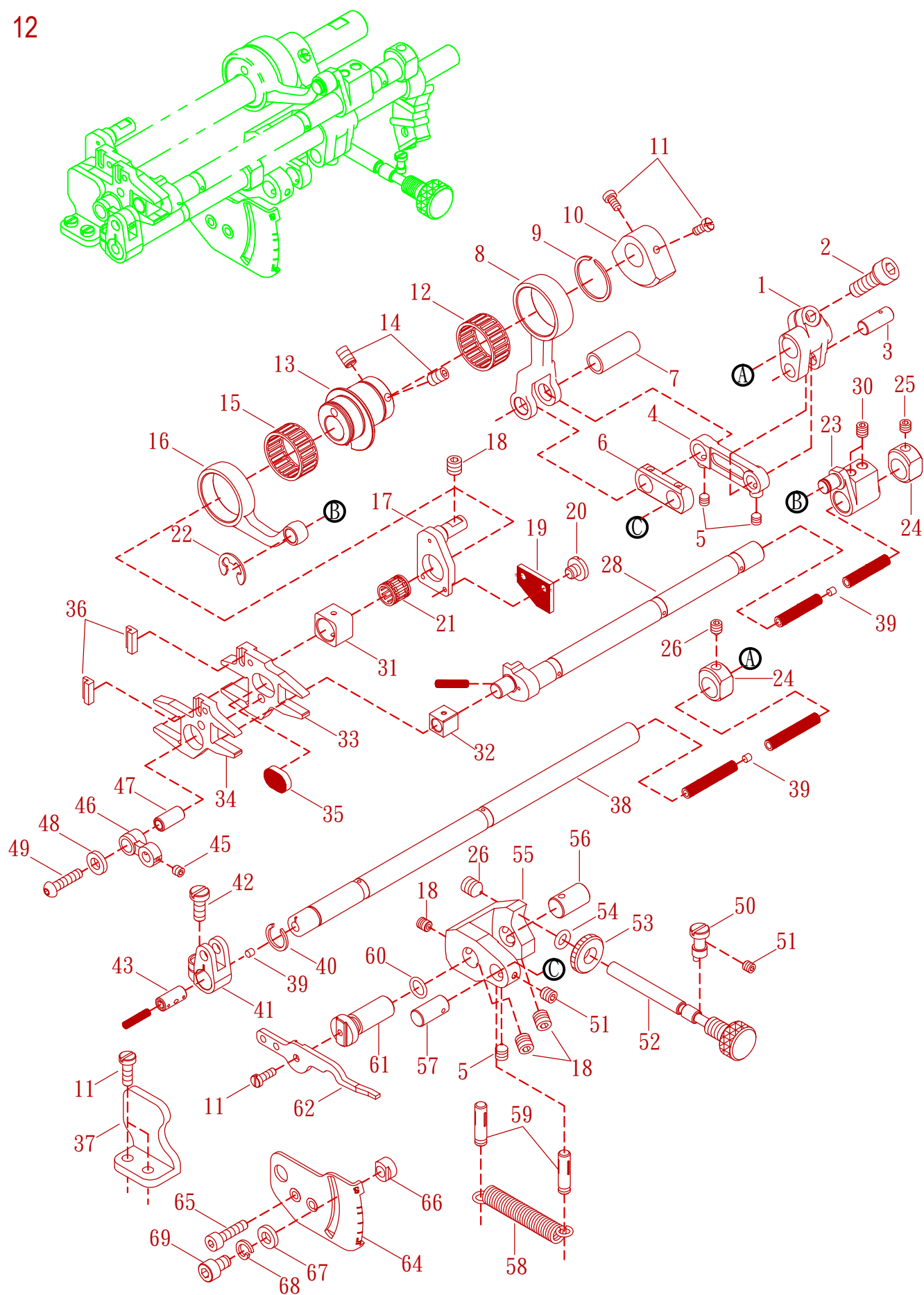


FEED DRIVING MECHANISM**送料具驅動機構**

12

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	N1201	Feed Bar Driving Shaft Levre	送料軸腕	1
2	GK03	Screw (M6 - 1.0 × 14)	螺絲	1
3	N1203	Connecting Rod Pin	連桿銷	1
4	N1204	Lever Link (Long)	提環桿 (長)	1
5	MFR050	Screw (M4 - 0.7 × 5)	螺絲	3
6	N1206	Lever Link (Short)	提環桿 (短)	1
7	VK11	Connecting Rod Pin	連桿軸	1
8	N1208	Feed Connecting Rod	送料具連桿	1
9	VK06	Retaining Ring	扣環	2
10	N1210	Counterweight (Small)	平衡配重凸輪	1
11	GB37	Screw (M4 - 0.7 × 8)	螺絲	5
12	VK07	Roller Bearing	滾針培林	1
13	N1213	Feed Eccentric	送料具偏心輪	1
14	N1214	Screw (M5 - 0.8 × 6)	螺絲	2
15	H1107	Roller Bearing	滾針培林	1
16	N1216	Feed Lift Connecting Rod	培林連桿	1
17	N1217	Feed Bar Guide	送料具導桿	1
18	SF240	Screw (M6 - 1.0 × 6)	螺絲	4
19	N1219	Felt	吸油棉	1
20	N1220	Screw (M3 - 0.5 × 2.6)	螺絲	2
21	D1935	Roller Bearing	滾針軸承	1
22	35-27	Retaining Ring	扣環	1
23	N1223	Feed Lift Lever	送料具提升桿	1
24	N1224	Collar	軸環	2
25	SV260	Screw (M6 - 1.0 × 5)	螺絲	1
26	SV261	Screw (M6 - 1.0 × 8) 尖頭	螺絲	2
27				
28	N1228	Feed Lift Shaft	提升主軸	1
29				
30	SV264	Screw (M6 - 1.0 × 8)	螺絲	2
31	N1231	Feed Lift Block (Rear)	送料具滑塊 (後)	1
32	VL35	Feed Lift Block (Front)	送料具滑塊 (前)	1
33	N1233-1	Main Feed Bar	主送料具座	1
34	N1234-1	Differential Feed Bar	差動送料具驅動座	1
35	N1235	Felt	吸油棉	1
36	F1245	Fixed Unit	九齒固定塊	2
37	N1237	Guide Block	送料具導正塊	1
38	N1238	Feed Rocker Shaft	搖臂主軸	1
39	L0513	Seal Plug	封塞	3
40	N1240	Retaining Ring	扣環	1

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

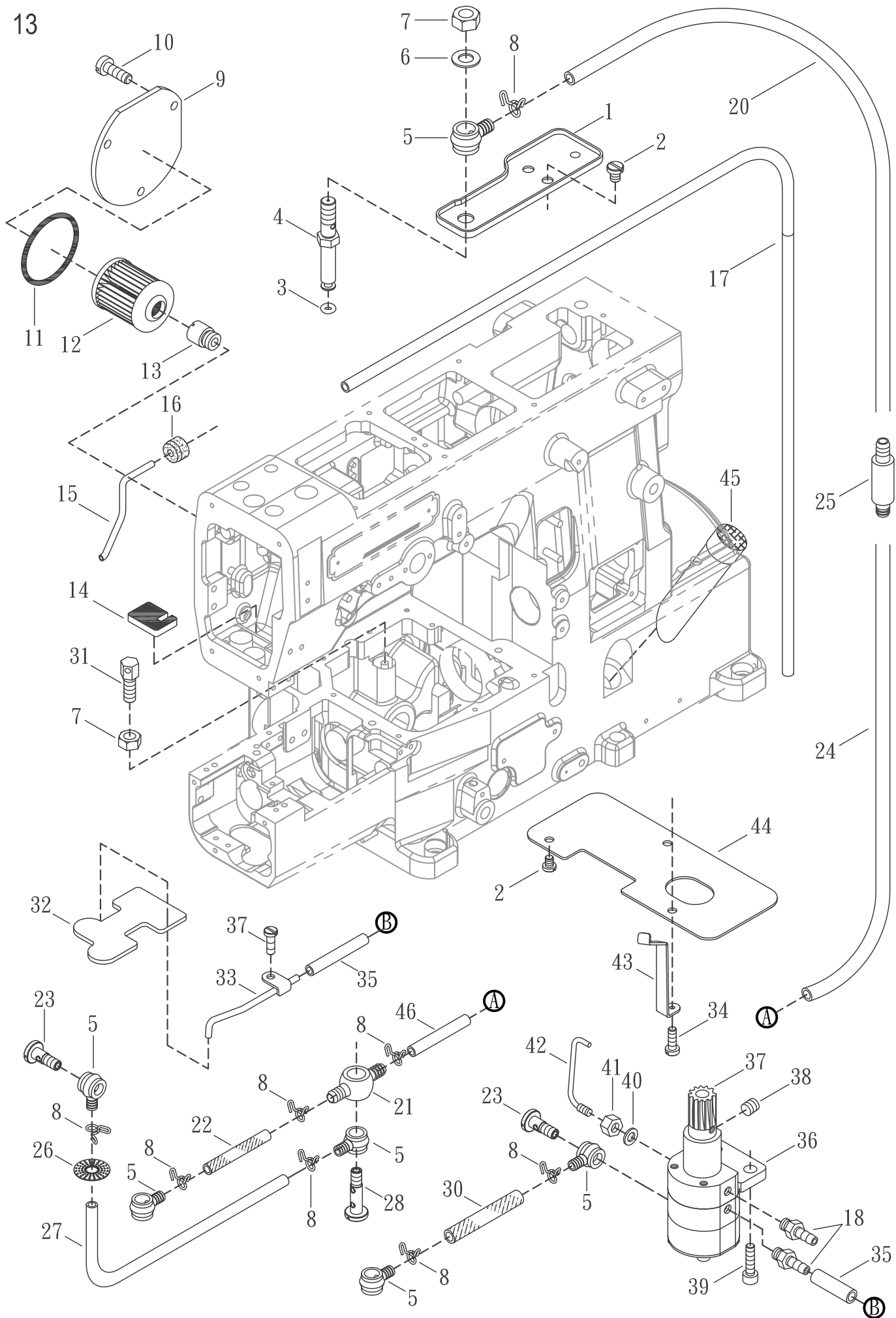


FEED DRIVING MECHANISM**送料具驅動機構**

12

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
41	N1241	Feed Shaft Lever	進給軸拉柄	1
42	N1242	Screw (M 5 - 0.8 × 8)	螺絲	1
43	N1243	Connecting Rod Pin	連桿銷	1
44				
45	N1245	Screw (M 3 - 0.5 × 4)	螺絲	1
46	N1246	Lever Link (Short)	提環桿 (短)	1
47	N1247	Connecting Rod Pin	連桿銷	1
48	VK48	Washer	墊片	1
49	N1249	Screw (M5 - 0.8 × 22)	螺絲	1
50	N1250	Adjusting Screw Stopper	送料調節椿	1
51	SF228	Screw (M4 - 0.7 × 4)	螺絲	2
52	N1252	Adjusting Screw	微調螺桿	1
53	N1253	Nut	螺帽	1
54	N1254	O-Ring	O型環	2
55	N1255	Main Feed Bar Bracket	送料組連接座	1
56	N1256	Connecting Rod Link Pin	連桿插銷	1
57	N1257	Connecting Rod Link Pin	連桿插銷	2
58	N1258	Control Bracket Spring	承座拉簧	1
59	H1332-1	L Bracket	L型槽溝	2
60	N1260	O-Ring	O型環	1
61	N1261-1	Control Lever Shaft	承座軸	1
62	N1262	Feed Control Lever	差動控制桿	1
63				
64	N1264	Feed Graduations	針距尺寸刻度板	1
65	MFP160	Screw (M4 - 0.7 × 16)	螺絲	2
66	VK42	Control Lever Stop	控制桿止塊	1
67	VK48	Washer	墊片	1
68	SW06	Spring Washer	彈簧墊片	1
69	SV251	Screw (M5 - 0.8 × 8)	螺絲	1

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



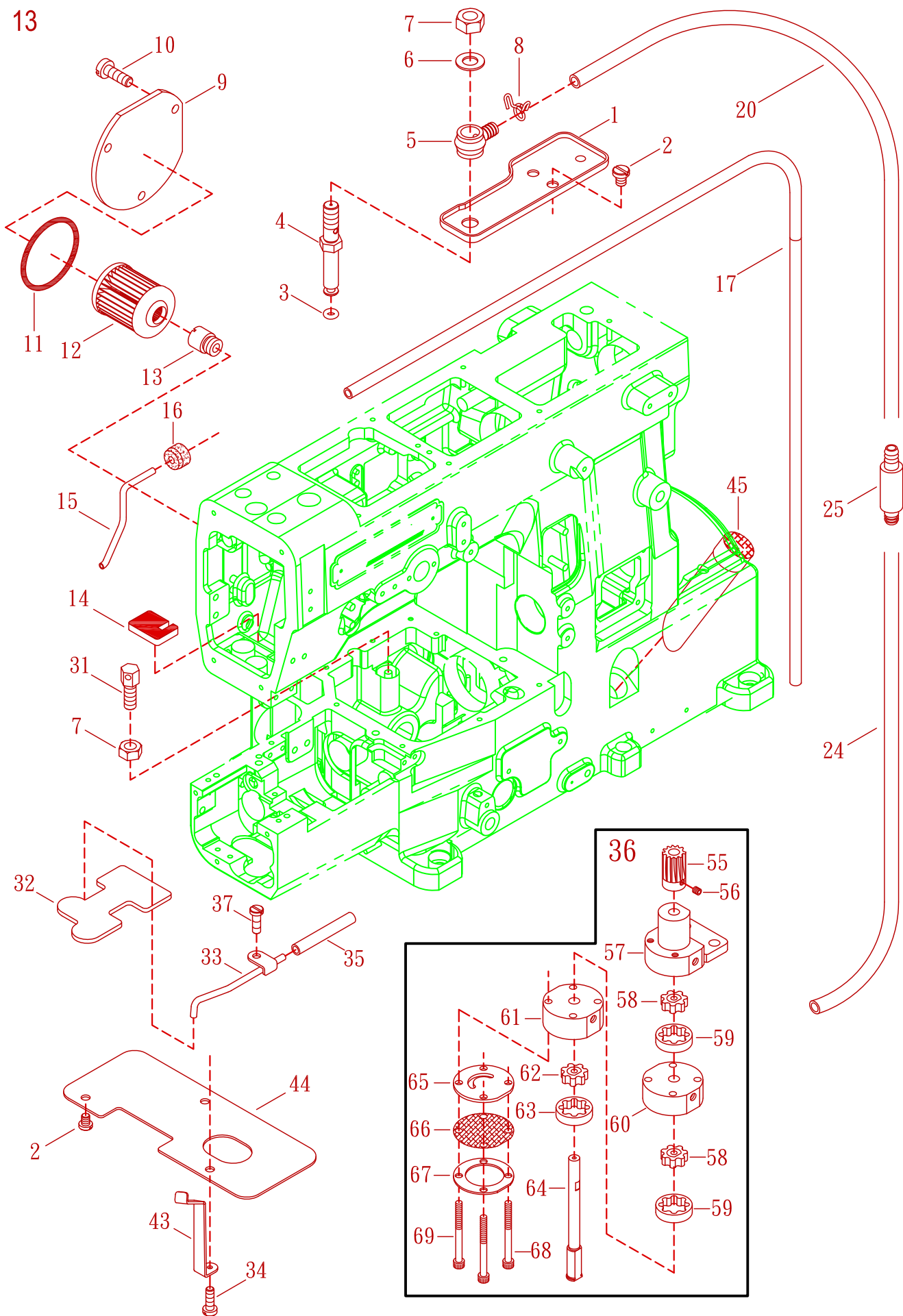
LUBRICATING MECHANISM

給油迴油機構

13

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N1301	Oil Receiver	承油盤	1
2	GB35	Screw (M4 - 0.7 × 5)	螺絲	4
3	L1202	O-ring	O型環	1
4	N1304	Oil Sight Top Nozzle	外視油量上噴嘴	1
5	VM29	Oil Tube Joint , One Way	單向油管接頭	6
6	GB24	Washer	墊圈	1
7	NV13	Nut	螺帽	2
8	VM35	Oil Tube Clamp	油管束子	8
9	N1309	Oil Filter Cap	濾油封蓋	1
10	SF127	Screw (SM 11/64-40 × 16)	螺絲	3
11	RF28	Oil Ring	O形油環	1
12	FL20	Oil Filter	濾油器	1
13	FL21	Oil Filter Connector	濾油器連接頭	1
14	N1314	Felt (Upper)	吸油棉 (上)	1
15	N1315	Suction Pipe	迴油管	1
16	VM18	Suction Pipe Bushing	迴油管固定塞	1
17	N1317	Oil Tube ($\phi 3 \times \phi 5 \times 570$)	油管	1
18	FL15	Bamboo Joint	油嘴	2
19				
20	N1320	Oil Tube ($\phi 4 \times \phi 6 \times 150$)	油管	1
21	VM27	Oil Tube Joint , Two Way	雙向油管接頭	1
22	N1322	Oil Tube ($\phi 4 \times \phi 6 \times 40$)	油管	1
23	N1323	Fitting Stud (Short)	放油螺絲 (短) 單孔	4
24	N1324	Oil Tube ($\phi 4 \times \phi 6 \times 330$)	油管	1
25	VM25	Oil Tube Joint , Two Way	雙向油管接頭	1
26	N1326	Oil Filter Screen	過濾網	1
27	N1327	Oil Tube ($\phi 4 \times \phi 6 \times 290$)	油管	1
28	N1328	Fitting Stud (Long)	放油螺絲 (長) 雙孔	1
29				
30	N1330	Oil Tube ($\phi 4 \times \phi 6 \times 21$)	油管	1
31	N1331-2	Oiling Shower	給油螺絲	1
32	N1332	Felt	吸油棉	1
33	N1333-1	Suction Pipe	吸油管	1
34	GB37	Screw (M4 - 0.7 × 8)	螺絲	2
35	N1335	Oil Tube ($\phi 3 \times \phi 5 \times 360$)	油管	1
36	VM40	Oil Pump , Complete Set	油泵組	1
37	SV239	Screw (M4 - 0.7 × 5)	螺絲	1
38				
39	SF244	Screw (M 6- 1 × 16)	螺絲	2
40	FL14	Seal	紅墊片	1

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



LUBRICATING MECHANISM

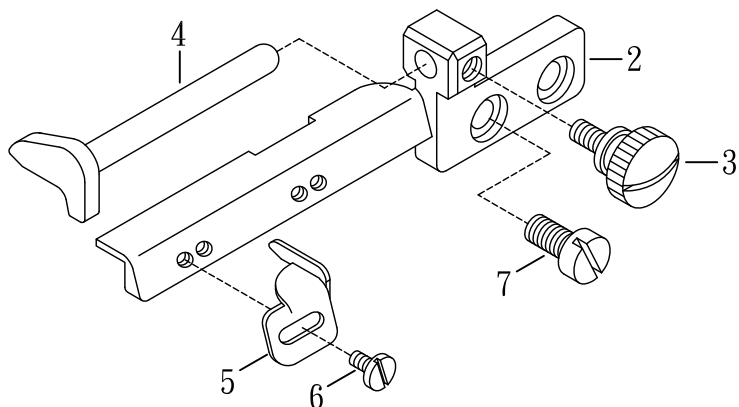
給油迴油機構

13

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
41	NV12	Nut	螺帽	1
42	VM46	Oil Nozzle For Worm Gear	驅動蝸齒噴油嘴	1
43	N1343	Oil Tube Stay	油管固定架	1
44	N1344	Dust - Proof Plate	防塵蓋	1
45	N1345	Oil Sight Gauge	外視油量計	1
46				
47				
48				
49				
50				
51				
52				
53				
54				
55	VM41	Oil Pump Driving Worm Gear	油泵驅動蝸齒	1
56	SF228	Screw (M4 - 0.7 × 4)	螺絲	2
57	VM40-11	Pump Upper Base	油泵主體	1
58	VM40-32	Inner Gear	內輪子 (薄 6mm)	2
59	VM40-62	Outer Gear	外輪子 (薄 6mm)	2
60	VM40-21	Pump Inter Base	油泵中層	1
61	VM40-31	Pump Lower Base	油泵下層	1
62	VM40-42	Inner Gear	內輪子 (厚 7.5mm)	1
63	VM40-52	Outer Gear	外輪子 (厚 7.5mm)	1
64	F1364	Center Shaft	油泵主軸	1
65	VM40-2	Lower Base Washer	油泵底座墊片	1
66	VM40-8	Oil Filter	油泵濾網	1
67	VM40-9	Filter Plate	固定濾網環	1
68	SV237	Screw (M4 - 0.7 × 40)	螺絲	2
69	SV238	Screw (M4 - 0.7 × 45)	螺絲	2

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

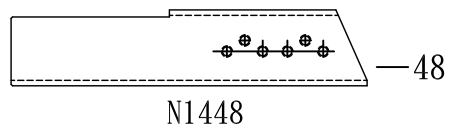
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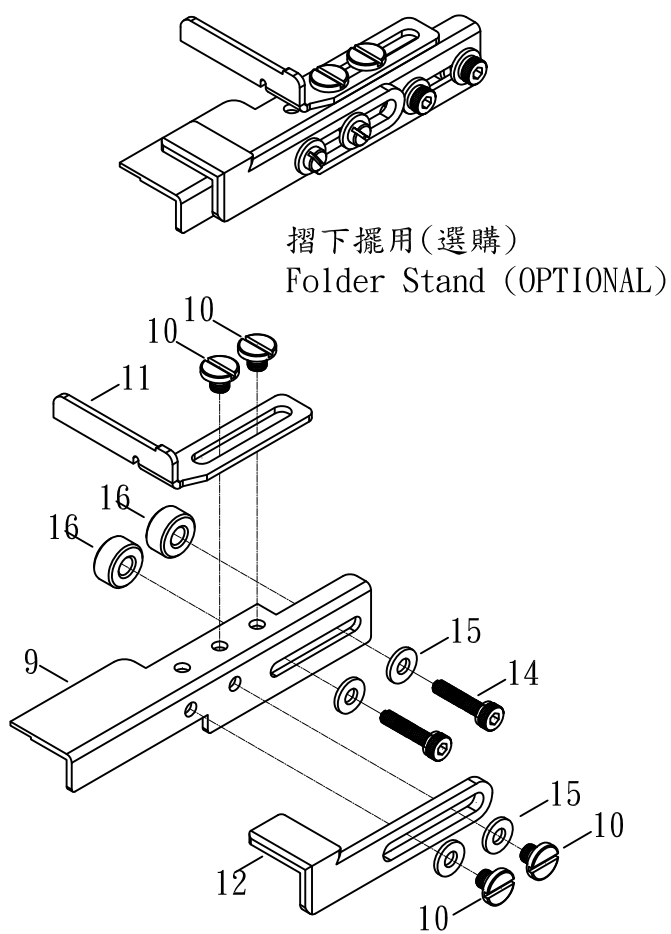
44

併縫配件組(選購)

Fabric Joining Binder(OPTIONAL)



8



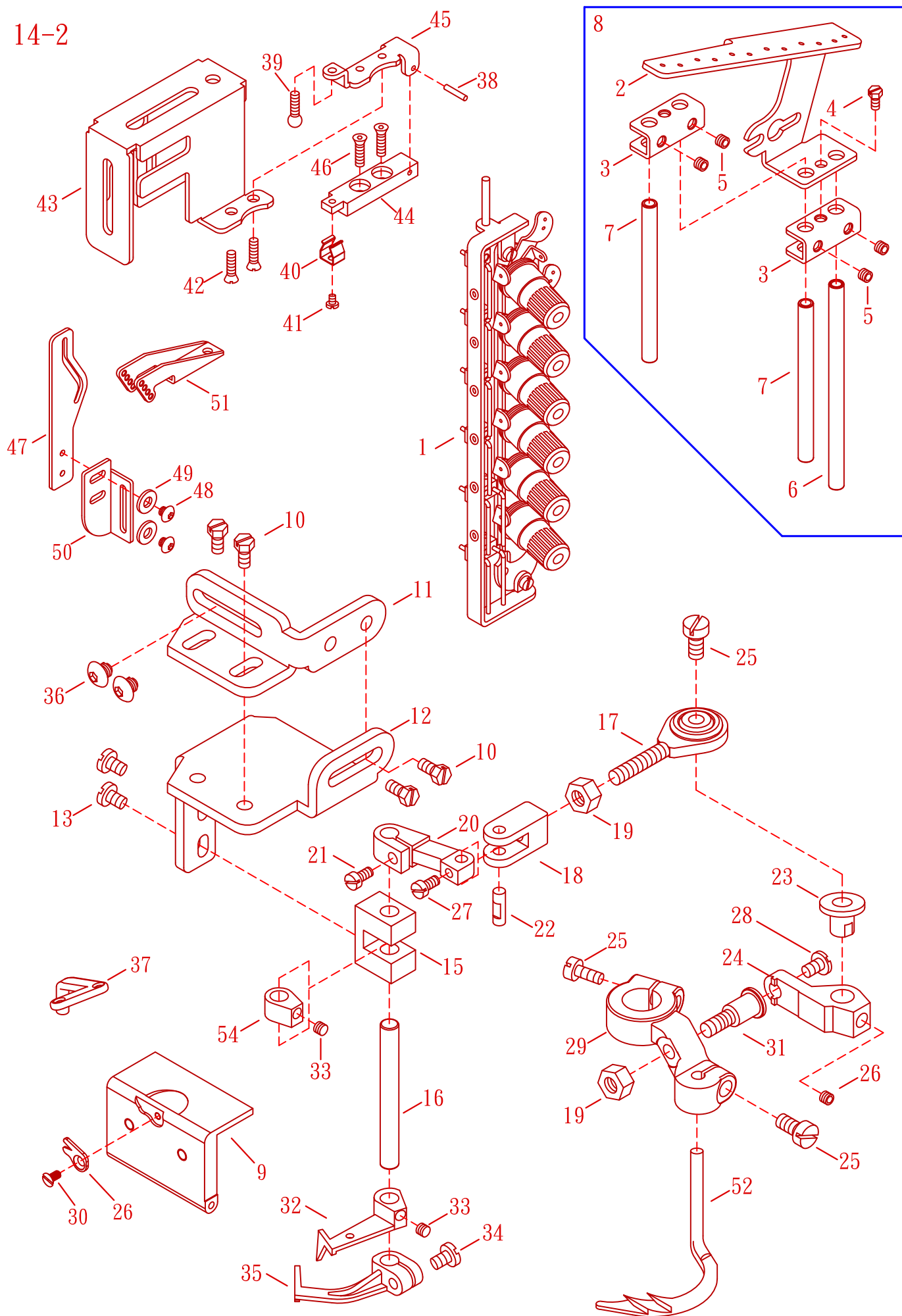
摺下擺用(選購)
Folder Stand (OPTIONAL)

ATTACHMENT FOR HEMMING & SEAM COVERING專用配件

14

<u>Ref.</u> <u>No.</u>	<u>Parts</u> <u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Amt .</u> <u>Req .</u>
1	N1401	Bottom Hemming Folder	折下擺組	1
2	N1402	Folder Stand	折下擺固定座	1
3	14-7	Screw (M4 - 0.7 × 18)	特製螺絲	1
4	F1404	Width Aadjuster	可調擋邊	1
5	F1405	Fabric Edge Guide (Left)	左擋邊	1
6	GB08	Screw (M3 - 0.5 × 3.5)	螺絲	1
7	MDA080	Screw (M3 - 0.5 × 8)	螺絲	2
8	N1401B	Bottom Hemming Folder	折下擺組	1
9	N1402B	Folder Stand	折下擺固定座	1
10	17-38	Screw (M4 - 0.7 × 18)	特製螺絲	4
11	L0243-1	Width Aadjuster	可調擋邊	1
12	N1405	Fabric Edge Guide (Left)	左擋邊	1
13	MEA050	Screw (M3.5 - 0.6 × 5)	螺絲	2
14	37-07	Screw (M3 - 0.5 × 14)	螺絲	2
15	GE57	Washer	華司	2
16	16-34	Spacer	襯墊	2
44	N1444	Fabric Joining Binder(OPTIONAL)	併縫配件組(選購)	1
46	N1446	Upper Binding Plate	併縫喇叭(上)	1
47	N1447	Lower Binding Plate	併縫喇叭(下)	1
48	N1448	Fabric Joining Plate	併縫喇叭座	1

14-2

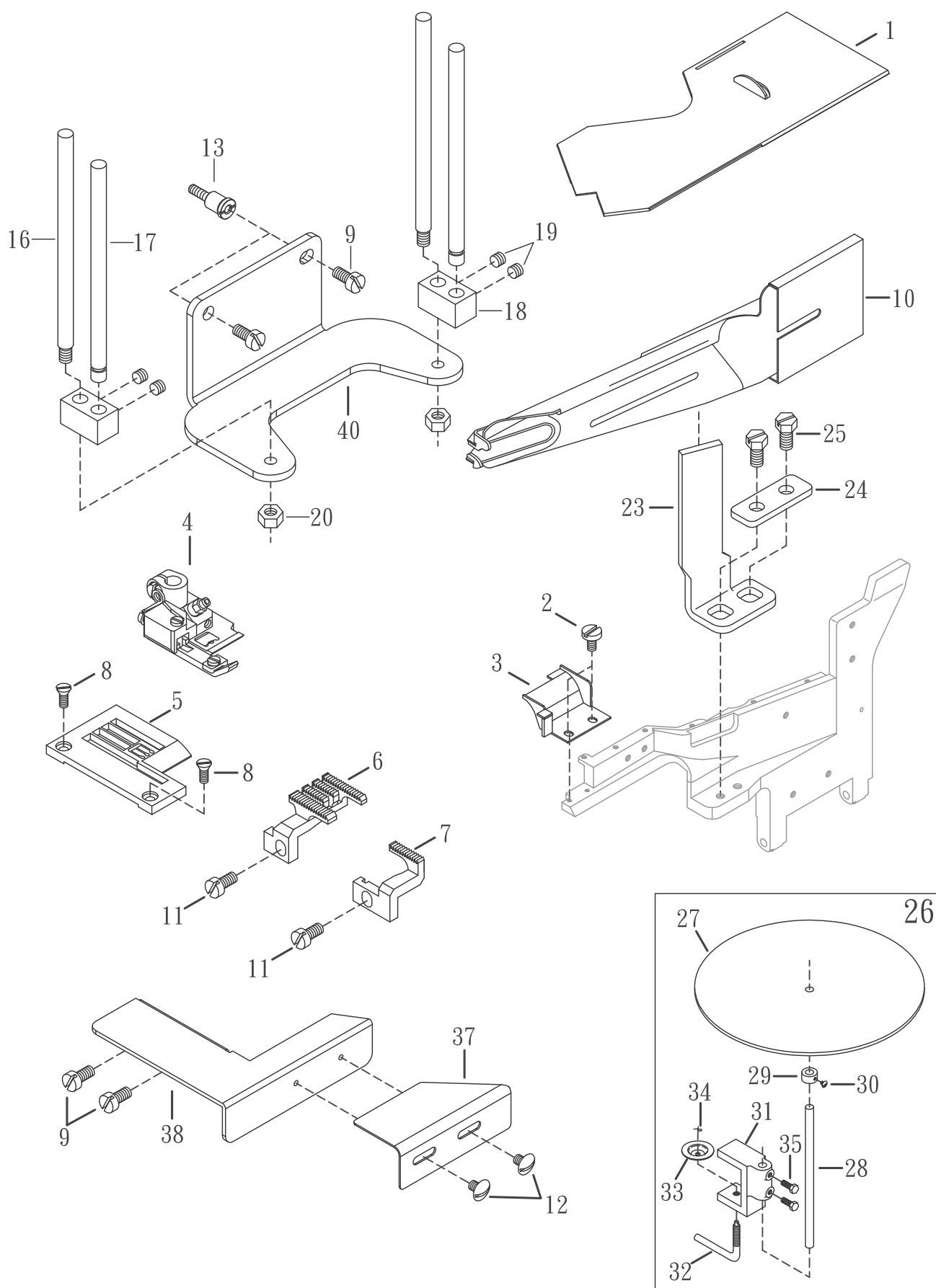


Accessories of Decorative Stitch

專用配件(選購)雙飾線機構組

14-2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	VC11-1A	Thread Tension unit (for plain type)	過線張力調整組(選購)普通用	1
	16-35-1A	Thread Tension unit (for automatic thread trimmer)	過線張力調整組(選購)切線用	
2	VC21-1	Thread Guide Plate	過線導板	1
3	VC20	Thread Eyelet Pipe Stay	過線導管固定器	2
4	GB37	Screw (M4 - 0.7 × 8)	螺絲	1
5	SV227	Screw (M4 - 0.7 × 5)	螺絲	5
6	VC17	Thread Eyelet Pipe(Long)	過線導管(長)	1
7	VC18	Thread Eyelet Pipe(Short)	過線導管(短)	2
8	N1408	Thread Eyelet Guide Unit	過線導管組	1
9	N1453	Cylinder Side Cover (Upper)	圓筒上側蓋	1
10	L1105	Screw (M4 - 0.7 × 6)	螺絲	4
11	N1411	Solenoid Support Link	連接支撐架	1
12	N1412	Bracket	雙飾線固定架	1
13	SV310	Screw (M3.5 - 0.6 × 8)	螺絲	2
15	N1415	Swing Holder	擺臂支撐座	1
16	N1416	Driving shaft	軸	1
17	N1417	Plunger Connecting Rod	魚眼軸承	1
18	N1418	Connecting Block	調整座	1
19	NF27	Nut	螺帽	2
20	N1420	Feed Shaft lever	進給軸拉柄	1
21	N1421	Screw	螺絲	1
22	J2228	Pin	插銷	1
23	N1423	Lever Link Pin	連桿插銷	1
24	N1424	Feed Shaft lever	進給軸拉柄	1
25	SV222	Screw (M4 - 0.7 × 12)	螺絲	3
26	N1455	Thead Chain Cutting Knife	割線刀	1
27	N1427	Screw	螺絲	1
28	SV232	Screw (M4 - 0.7 × 10)	螺絲	1
29	N1429	Spreading Arm	裝飾線擺動臂	1
30	SV211	Screw (M3-0.5 × 6)	螺絲	1
31	18-30	Screw (M4)	螺絲	1
32	N1432	Carrier(Upper)	裝飾線帶線器(上)	1
33	J1657	Screw (SM1/8 - 44 × 6)	螺絲	2
34	J2224	Screw (SM1/8 - 44 × 7)	螺絲	1
35	N1435	Carrier(Lower)	裝飾線帶線器(下)	1
36	L0202	Screw (M4 - 0.7 × 10)	螺絲	2
37	N1437	Top Cover Thread Eyelet	上飾線過線桿	1
38	VA18	Pin	插銷	1
39	L0354	Screw (SM1/8 - 44)	螺絲	1
40	L0357	Cover Latch Spring	夾簧	1
41	SV206	Screw (M2.5 - 0.45 × 3.5)	螺絲	1
42	N1442	Screw	螺絲	2
43	N0140B	Needle Bar Guard	針柱護罩	1
44	N0144	Cover Hinge(Lower)	護蓋鉸板(下)	1
45	N0145	Cover Hinge(Upper)	護蓋鉸板(上)	1
46	L0635N1	Screw (M4 - 0.7 × 6)	螺絲	2
47	N0378	Needle Thread Guard	針線導架	1
48	17-22	Screw (M3 - 0.5 × 4)	螺絲	2
49	GE57	Washer	墊片	2
50	N0379	Adjusting lever	可調式導板	1
51	N0727	Needle Bar Thread Eyelet	針柱頂線過線桿	1
52	VI25EN	Spreader Holder	裝飾線擺動臂	1
54	N1454	Collar	定位環	1



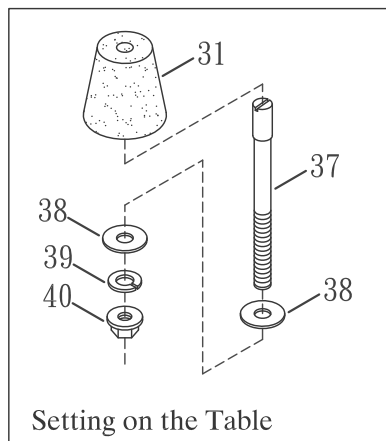
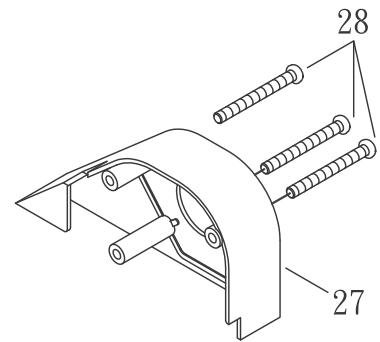
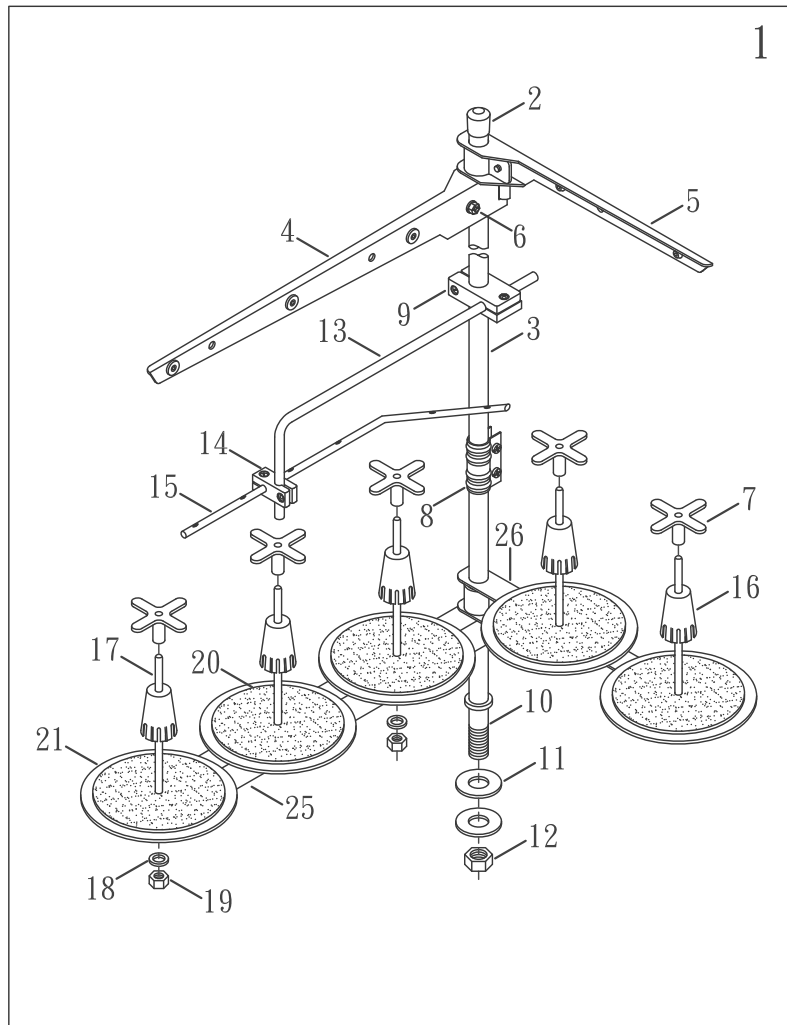
AR-999喇叭配件

TAPE BINDING DEVICE & ITS NEEDLE GAUGE (OPTIONAL)

標準喇叭滾邊裝置 (選配)

15

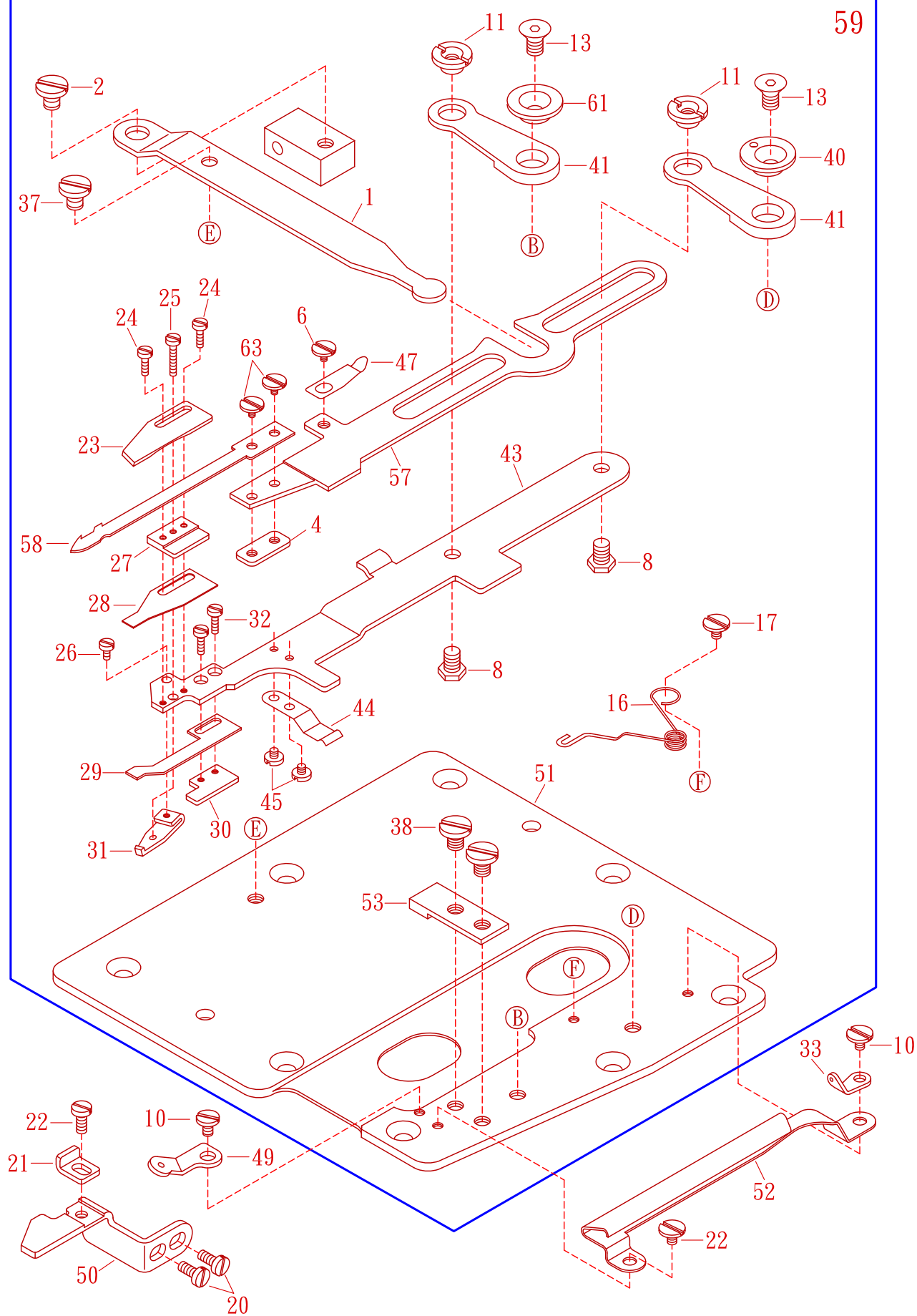
Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
1	N1413	Slide Cover	滑板	1
2	N0264	Screw (M3 - 0.5 × 4.5)	螺絲	2
3	N1414	Binder Kit	喇叭盒	1
4-1	G7240F12	Presser Foot (4.0)	壓腳 (4.0)	1
4-2	G7248F12	Presser Foot (4.8)	壓腳 (4.8)	1
4-3	G7356F12	Presser Foot (5.6)	壓腳 (5.6)	1
4-4	G7364F12	Presser Foot (6.4)	壓腳 (6.4)	1
5-1	G7240P12	Stitch Plate (4.0)	針板 (4.0)	1
5-2	G7248P12	Stitch Plate (4.8)	針板 (4.8)	1
5-3	G7356P12	Stitch Plate (5.6)	針板 (5.6)	1
5-4	G7364P12	Stitch Plate (6.4)	針板 (6.4)	1
6	N1506C	Main Feed Dog	主齒	1
7	N1507C	Differential Feed Dog	差動齒	1
8	SV219	Screw (M3 - 0.5 × 7.4)	螺絲	2
9	SV221	Screw (M4- 0.7 × 8)	螺絲	4
10	GW01	Tape Binder	滾領器 (喇叭)	1
11	SV310	Screw (M3.5 - 0.6 × 8)	螺絲	2
12	SF118	Screw (SM9/64-40)	螺絲	2
13	18-30	Screw	連座螺絲	2
14				
15				
16	29-16	Tape Guide Post	螺軸	2
17	29-17	Tape Guide Post	支軸	2
18	29-18	Fixed	固定方塊	1
19	SV242	Screw (M4 - 0.7 × 3)	螺絲	4
20	NF12	Nut	螺帽	2
21				
22				
23	F1523	L Bracket	L支架	1
24	F1524	Washer	方型墊片	1
25	GW07	Screw (M5 - 0.8 × 16)	螺絲	2
26	28-15	Tape Disc C.Set	布條盤組	1
27	28-16	Tape Disc	布條盤	1
28	28-17	Tape Disc Post	布條盤軸	1
29	28-18	Collar	軸環	1
30	28-19	Screw	螺絲	1
31	28-20	Fixture	固定夾架	1
32	28-22	Fixing Lever	固定螺桿	1
33	28-23	Fixed Disc	固定圓盤	1
34	28-24	Pin	插銷	1
35	28-25	Screw	螺絲	2
36				
37	N1537	Adjusting Plate	調整板	1
38	N1538	Binding Extension	L型加寬板	1
39				
40	N1540	Bracket	A型支架	1



THREAD STAND & SUPPORTING BOARD**線架及機頭托架組**

16

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req.
1	15-01	Thread Stand	線架組	1
2	15-02	Cap	鐵管塑膠套	1
3	15-03	Thread Stand Rod (upper)	線架鐵管上	1
4	15-04	Thread Guide Bracket (3)	3孔過線鐵板	1
5	15-05	Thread Guide Bracket (2)	2孔過線鐵板	1
6	15-06	Screw	鐵板固定螺絲	4
7	FM02	Spool Retaining Fig	橡膠固定器	5
8	15-08	Joint	鐵管接頭	1
9	15-09	Holder	塑膠接頭 (大)	1
10	15-10	Thread Stand Rod (Lower)	線架鐵管 (下)	1
11	15-11	Washer	鐵管華司	2
12	15-12	Nut	鐵管螺母	1
13	15-13	Thread Guide Bar	90度過線管	1
14	15-14	Holder	塑膠接頭小	1
15	15-15	Thread Guide Bar	6孔過線	1
16	15-16	Spool Retaining Fig	線筒固定器	5
17	15-17	Spool Pin	線筒柱子	5
18	15-18	Spring Washer	柱子華司	5
19	15-19	Spool Nut	柱子螺母	5
20	15-20	Spool Mat	海棉	5
21	15-21	Spool Tray	線筒盤子	5
22				
23				
24				
25	15-25	Spool Pin Bracket (3)	3孔線軸架	1
26	15-26	Spool Pin Bracket (2)	2孔線軸架	1
27	N0245	Belt Cover (Top) (Optional)	皮帶輪蓋 (普通用)(選配)	1
28	15-28	Screw (Optional)	螺絲 (普通用)(選配)	3
29				
30				
31	N1631	Oil Reservoir Rubber Cushion	底座避震膠墊	4
32				
33				
34				
35				
36				
37	N1637	Setting Screw (Long)	長底座固定螺絲	4
38	15-38	Washer	墊片	8
39	15-39	Spring Washer	彈簧華司	4
40	NF31	Nut	螺帽	4

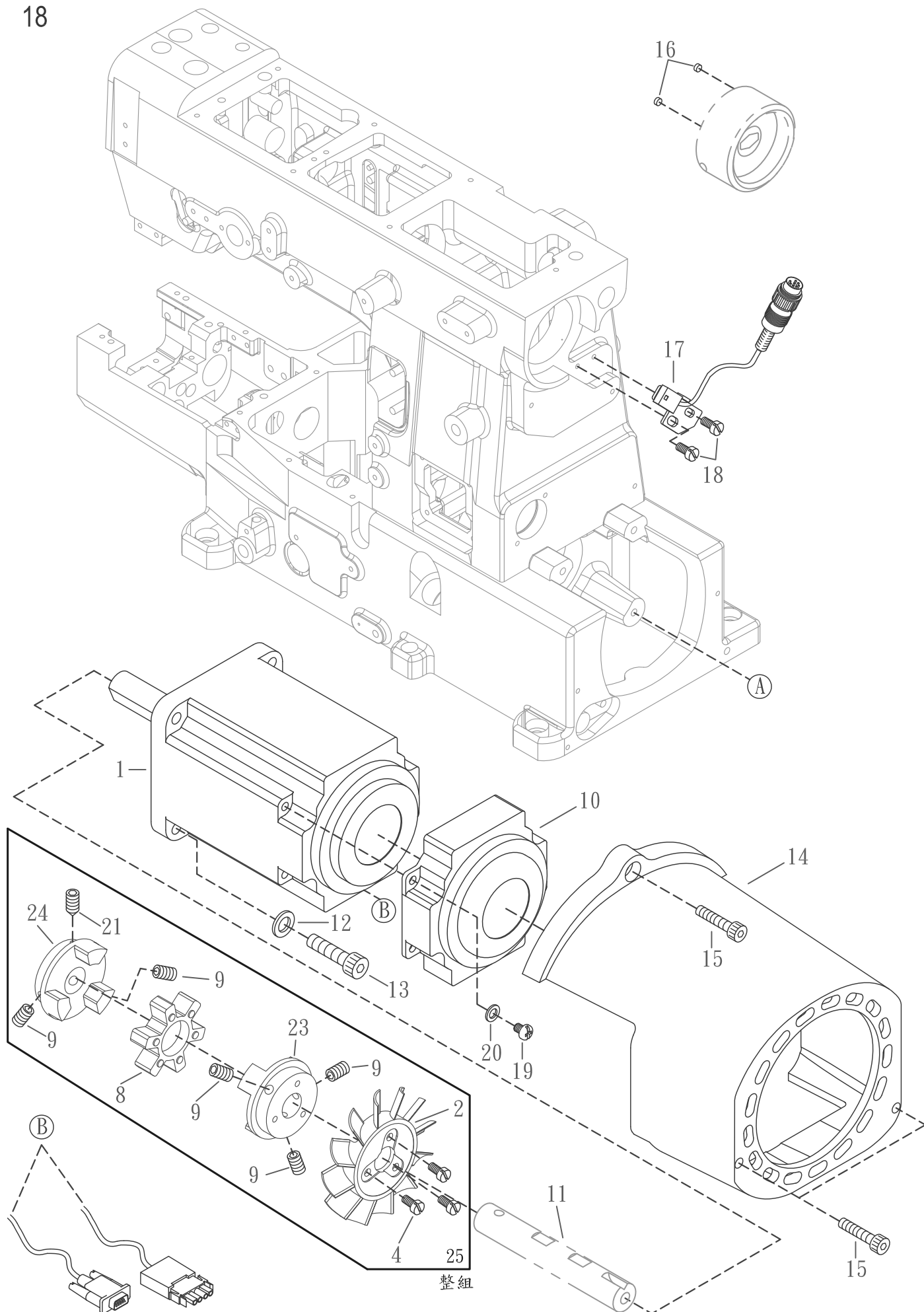


UNDER THREAD TRIMMER**下切刀驅動機構**

17

Ref. NO.	Parts NO.	Description	零 件 名 稱	Amt. Req.
1	17-01	Lower Knife Driving Lever	驅動桿	1
2	17-02	Screw (M4 - 0.7)	螺絲	2
4	17-04	Lower Knife Holder	刀鎖付板	1
6	17-06	Screw (M3 - 0.5)	螺絲	1
8	17-08	Screw (M4 - 0.7 × 4.5)	螺絲	2
10	SV214	Screw (M3 - 0.5 × 4)	螺絲	2
11	17-11	Nut	組合螺帽	2
13	17-13	Screw (M4 - 0.7 × 6.5)	皿型螺絲	2
16	17-16	Upper Knife Carrier Spring	送進彈簧	1
17	17-17	Screw (M4 - 0.7)	螺絲	1
20	SV221	Screw (M4 - 0.7 × 8)	螺絲	2
21	N1721	Lower Knife Carrier Stop	消力擋	1
22	GB08	Screw (M3 - 0.5 × 3.5)	螺絲	2
23	17-23	Upper Knife	3100512固定刀	1
24	17-24	Screw (M2 - 0.4 × 5.5)	螺絲	2
25	17-25	Screw (M2 - 0.4 × 9.5)	螺絲	1
26	17-26	Screw (M2 - 0.4 × 3)	螺絲	1
27	17-27	Upper Knife Guide	刀墊座	1
28	17-28	Clamp Spring	夾線片	1
29	17-29	Clamp Spring Presser	夾線押簧片	1
30	17-30	Clamp Spring Presser Holder	夾線固定板	1
31	17-31	Clamp Spring Presser Adjusting Unit	夾線調節片	1
32	17-32	Screw (M2 - 0.4 × 3.5)	螺絲	2
33	VC62	Looper Thread Eyelet (Right)	下飾線過線板(右)	1
35				
37	17-37	Screw (M4 - 0.7)	螺絲	1
38	17-38	Screw (M4 - 0.7 × 4)	螺絲	2
40	17-40	Knife Guide Lever Ring (Right)	導引切刀搖臂偏心輪	1
41	17-41-1	Knife Guide Lever	導引切刀搖臂	2
43	17-43	Upper Knife Carrier	上切固定座	1
44	17-44	Supplementary Spring	隱刀夾簧	1
45	17-45	Screw (M2 - 0.4 × 2)	螺絲	2
47	17-47	Supplementary Spring	活動刀押簧	1
49	F0360	Looper Thread Eyelet (Left)	下飾線過線板(左)	1
50	N1750	Lower Knife Carrier Guide	水平支架	1
51	N1702-1	Crank Chamber Cover	下切刀基板	1
52	17-52-1	Looper Thread Protector	過線護線槽	1
53	17-53	Upper Knife Carrier Stop	切刀定位固定板	1
57	17-57	Lower Knife Carrier	下切刀活動刀座	1
58	17-58-9	Lower Knife	3100513活動刀	1
59	N1759	Complete Set Under Thread Trimmer	下切刀組	1
61	17-61	Knife Guide Level Ring (Left)	搖臂定位襯套	1
63	17-63	Screw (M3 - 0.5 × 3)	螺絲	2

18



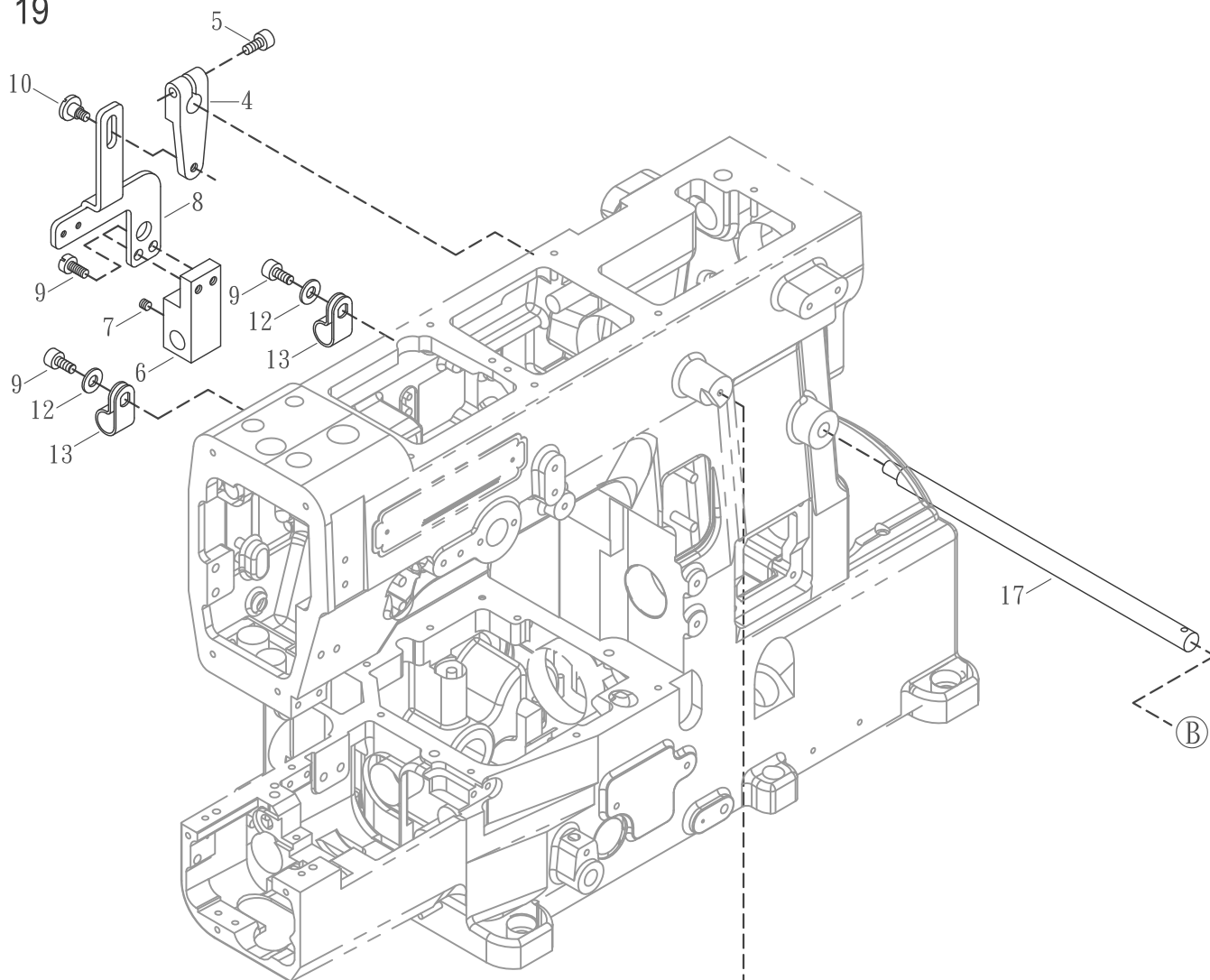
COMPACT—SIZE SERVO MOTOR & BUILT-IN SYNCHRONIZER (OPTIONAL)

直驅馬達配件&內藏式定位線(選配)

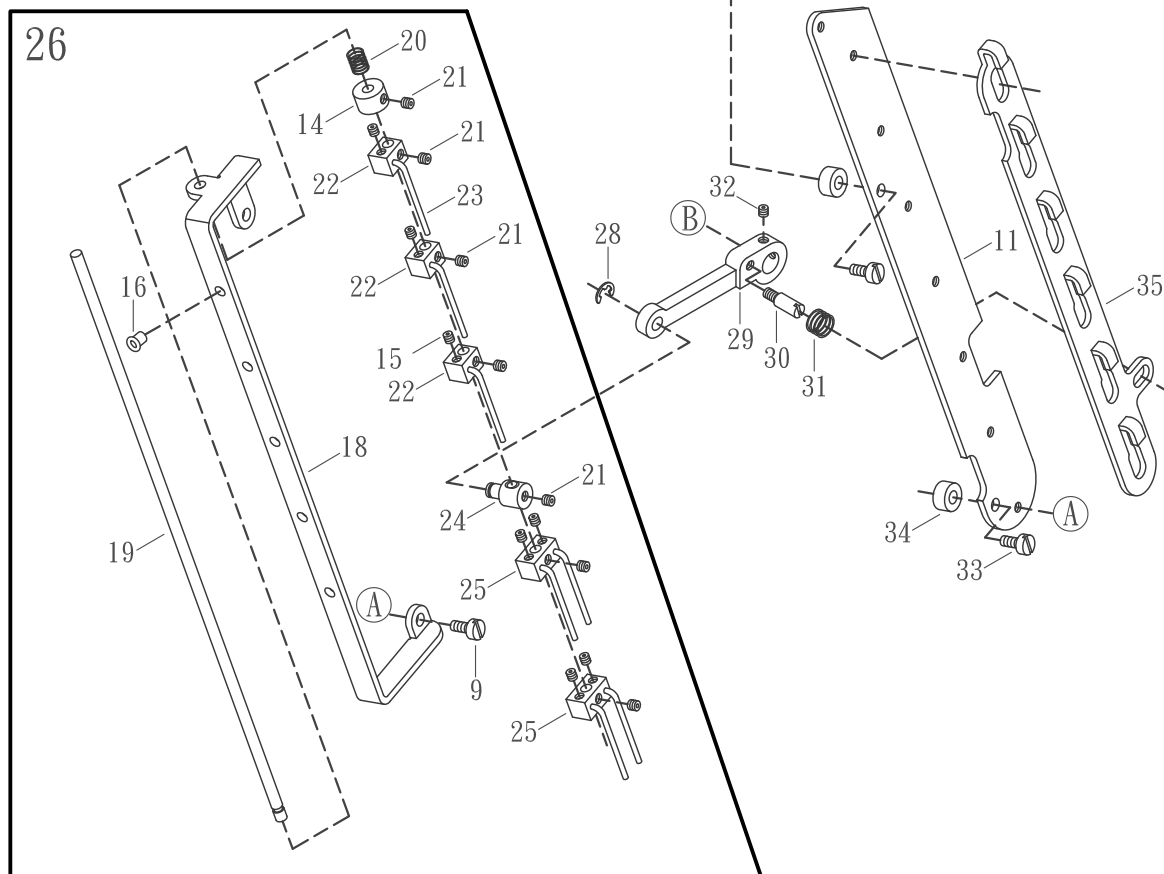
18

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N1801	Direct-drive Servo Motor	直驅馬達	1
2	N1802-2	Cooling Fan	風扇	1
3				
4	SV239-1	Screw (M4 - 0.7 × 8)	螺絲	3
5				
6				
7				
8	J3207	Rubber Cushion	橡膠防震	1
9	SF241	Screw (M6 - 1.0 × 10)	螺絲	5
10	N1810	Direct-drive Servo Motor Cover(Rear)	直驅馬達後蓋	1
11	N1811	Shaft (Short)	短軸	1
12	15-39	Spring Washer	彈簧華司	4
13	SF243	Screw (M6-1.0 × 25)	螺絲	4
14	N1814-1	Safety Cover	小馬達防護蓋	1
15	SV253	Screw (M5 - 0.8 × 16)	螺絲	3
16	24-02	Built-in Megnatic	厚3 × Ø 5 磁鐵	2
17	24-03	Positioner Cord	雙定位線	1
18	SV221	Screw (M4 - 0.7 × 8)	螺絲	2
19	SV232	Screw (M4 - 0.7 × 10)	螺絲	4
20	WF04	Washer	墊片	4
21	MIR110	Screw (M6 - 1.0 × 11)	螺絲 (尖)	1
22	N1822		999控制箱	1
23	N1823	Coupling	馬達轉軸器	1
24	N1824	Coupling	車台轉軸器	1
25	N1825		聯結器整組	1

19



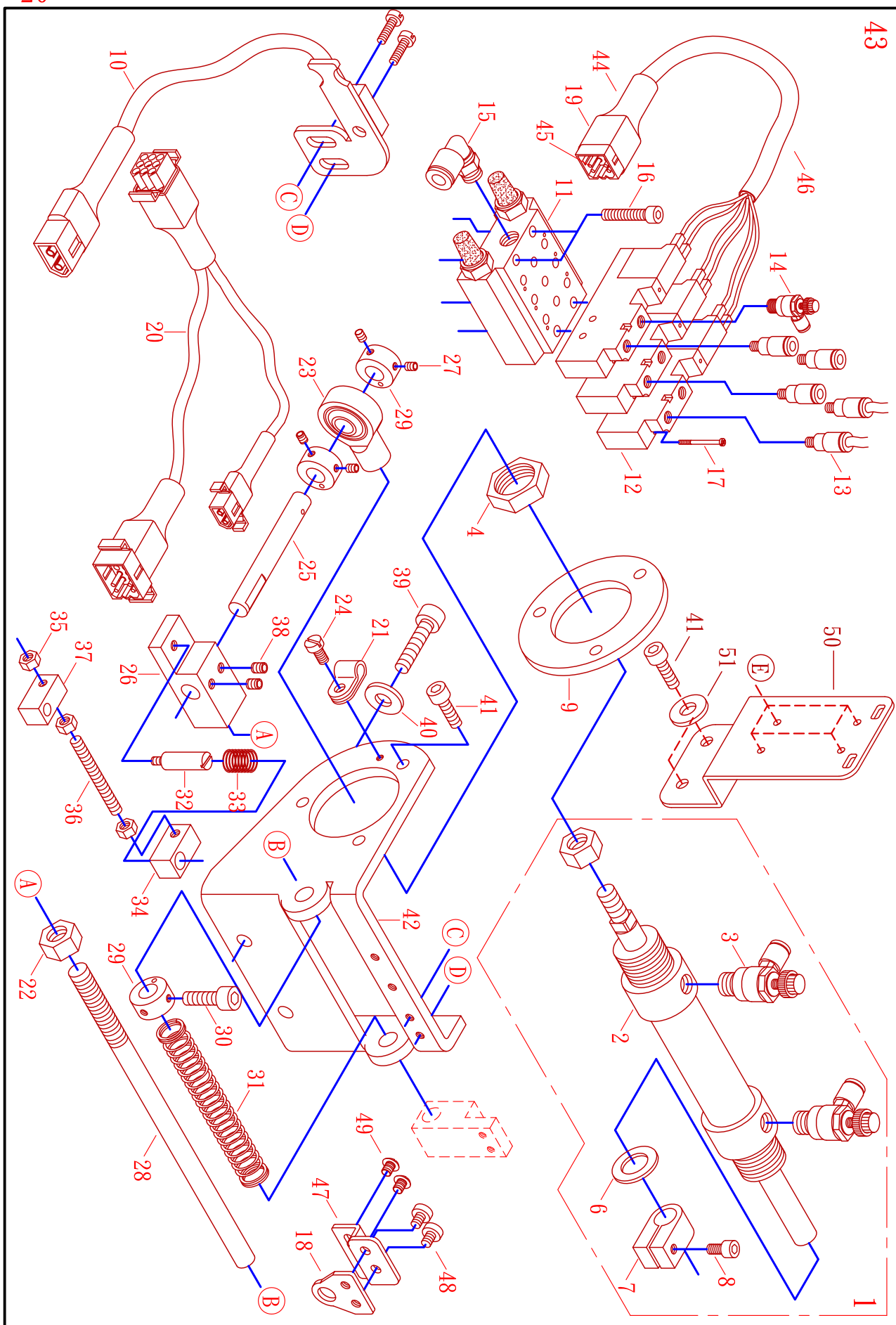
26



AUTO TRIMMER THREAD PULL-OFF MECHANISM (OPTIONAL)自動切線鬆線機構 (選購)

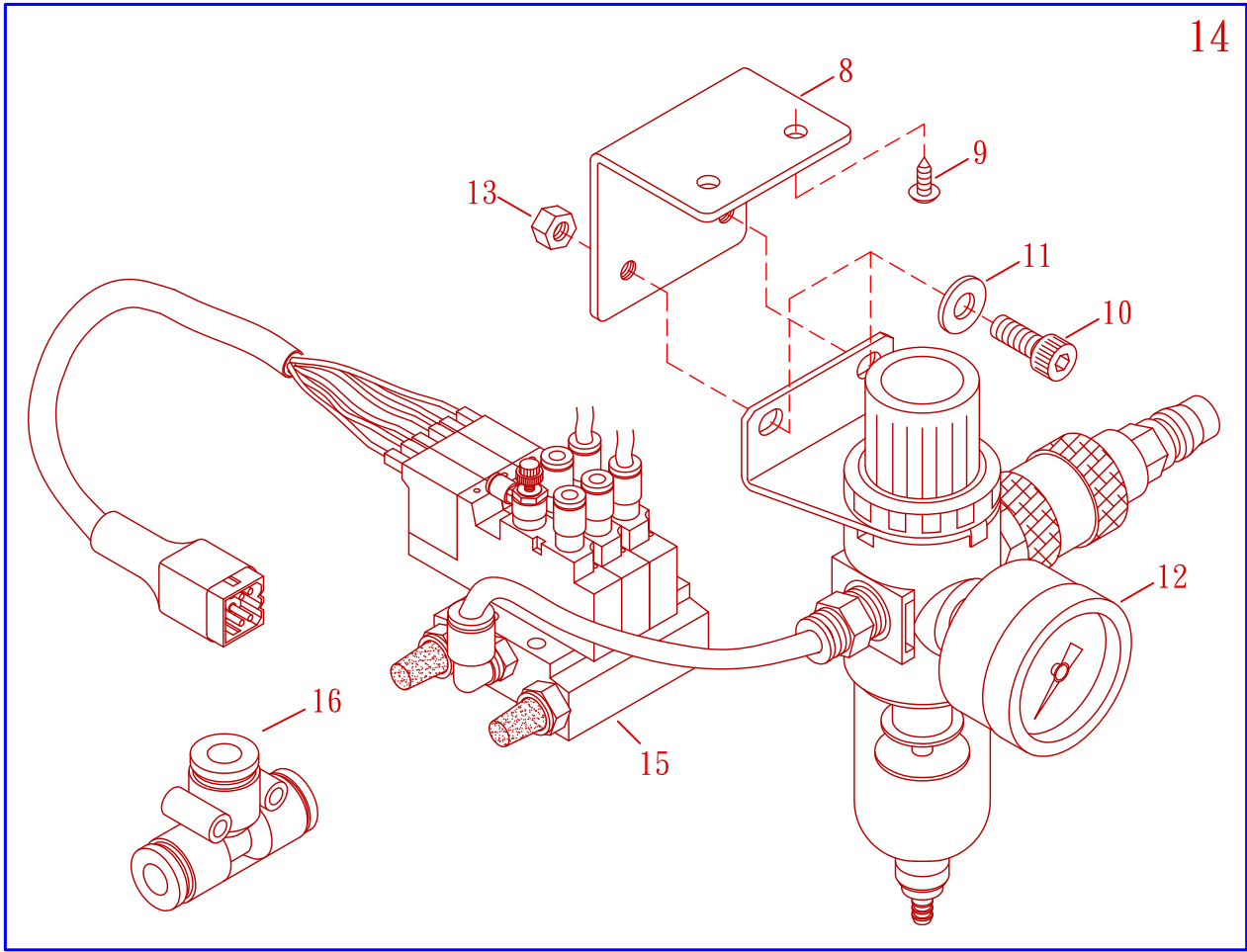
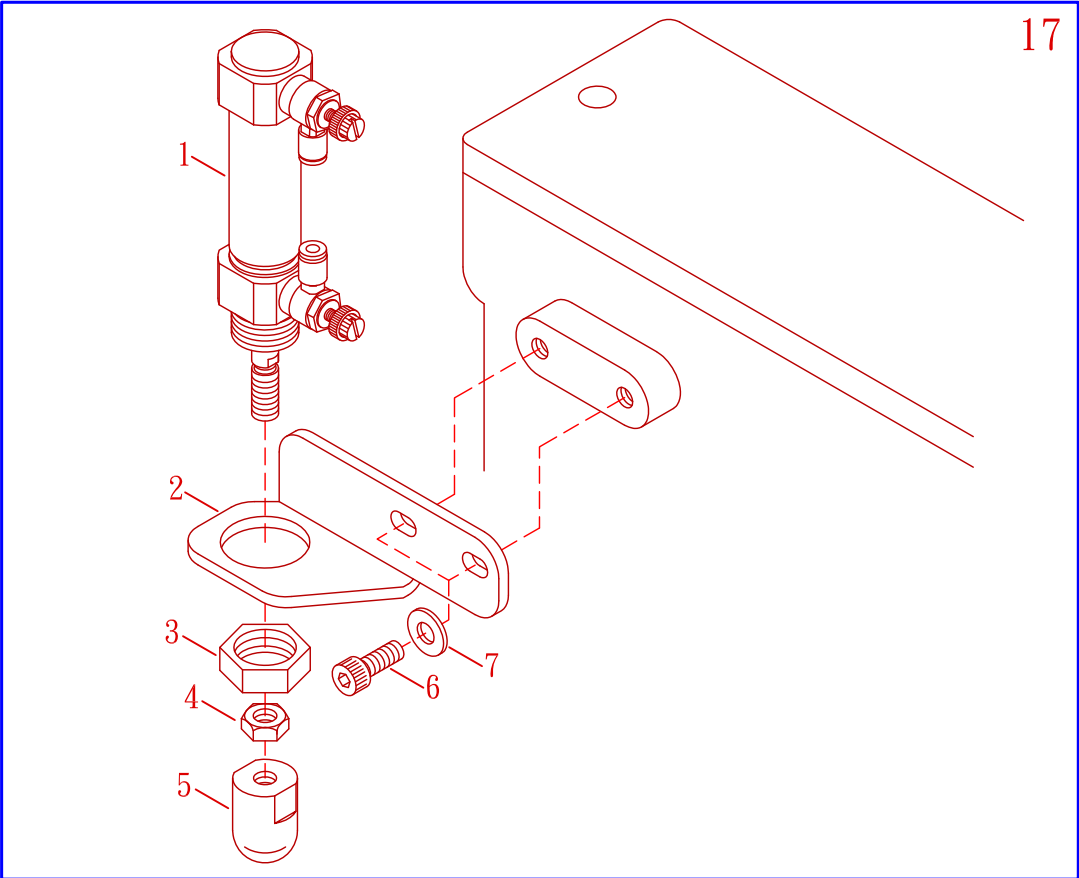
19

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1				
2				
3				
4	16-04-1	Tension Release Lever	張力釋放驅動連桿 (後)	1
5	SV223	Screw (M4 - 0.7 × 14)	螺絲	1
6	16-06-1	Tension Release Block	壓簧固定座	1
7	SV260	Screw (M6 - 1 × 5)	螺絲	2
8	N1908	Tension Release Connecting Plate	安全開關固定座	1
9	SV221	Screw (M4 - 0.7 × 8)	螺絲	6
10	16-10	Screw (M4 - 0.7)	螺絲	1
11	VC14	Thread Tension Base (Optional)	針線張力座 (選購)	1
12	WF04	Washer	墊片	2
13	FL13	Cord Clamp	配線固鈕 UC-1	2
14	16-14	Collar	止推軸環	1
15	SF106	Screw (SM1/8 - 44 × 3.8)	螺絲	7
16	FA20	Ceramic Guide	陶瓷	5
17	N1917	Tension Release Shaft	張力釋放軸	1
18	16-18-2	Thread Pull-off Eyelet	過線鬆線架	1
19	16-19	Thread Pull-off Bar	過線鬆線桿	1
20	VC36	Swing-Proof Spring	防震彈簧	1
21	SV242	Screw (M4 - 0.7 × 3)	螺絲	7
22	16-22	Thread Pull-off Hook Unit (One Hook)	針線釋放固定座 (單孔)	3
23	16-23	Thread Wiper Lever	撥線桿	7
24	16-24	Thread Pull-off Bar Holder	鬆線轉動軸	1
25	16-25	Thread Pull-off Hook Unit (Double Hook)	針線釋放固定座 (雙孔)	2
26	16-26	Thread Pull-off Set	鬆線組	1
27				
28	GB21	Retaining Ring	扣環 ETW-4 BK	1
29	M1929	Tension Connected Lever (Front)	拉力釋放驅動連桿 (前)	1
30	16-30	Screw (M4 - 0.7 × 15)	螺絲	1
31	VH49-1	Spring	隔震彈簧	1
32	SF228	Screw (M4 - 0.7 × 4)	螺絲	2
33	SV241	Screw (M4 - 0.7 × 14)	螺絲	2
34	16-34	Spacer	襯墊	2
35	16-35	Tension Disc Separator	過線張力盤分離架	1



UNDER THREAD TRIMMER (PNEUMATIC TYPE)**氣壓式下切刀驅動機構****20**

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	21-01	Trimming Cylinder Complete Set	氣缸組	1
2	21-02	Trimming Cylinder	氣缸	1
3	21-03	Adjusting Air Valve	調節閥	2
4	21-04	Nut	螺帽	1
5				
6	21-06	Anti-shock Rubber	避震膠墊	1
7	21-07	Collar	止推座	1
8	SF231	Screw (M5 - 0.8 × 14)	螺絲	1
9	21-09	Cylinder Bracket	氣缸連座	1
10	19-14-1	Safety Switch Base	安全開關座	1
11	21-11	Air Solenoid Base	電磁閥連座	1
12	21-12	Solenoid Valve	電磁閥	3
13	21-13	Air Tube	直接管	5
14	21-14	Adjusting Value	調節閥	1
15	21-15	Elbow Connector	彎接管	1
16	SV236	Screw (M4 - 0.7 × 25)	螺絲	4
17	21-17	Screw (M2 - 0.4 × 22)	螺絲	6
18	19-24-1	Magnetic Base	磁鐵座	1
19	21-19-1	Connector	連接器.9P	1
20	21-20	Pneumatic Adaptor Cord	風切中繼線,雙線	1
21	FL13	Cord Clamp	導線固鈕	1
22	NV14	Nut	螺帽	1
23	19-23	Plunger Connecting Pin	魚眼軸承	1
24	SV221	Screw (M4 - 0.7 × 8)	螺絲	1
25	19-25	Plunger Connecting Pin	軸心	1
26	19-26	Plunger	調節桿座	1
27	SF228	Screw (M4 - 0.7 × 4)	螺絲	4
28	19-28-1	Cylinder Return Shaft	螺桿軸心	1
29	VH32	Collar	止推緊環	3
30	SF224	Screw (M4 - 0.7 × 8)	螺絲	2
31	19-31	Spring	彈簧	1
32	19-32	Screw	螺樁	1
33	19-33	Spring	彈簧	1
34	19-34	Connecting Block (Right)	調節座(大)	1
35	NV12	Nut	螺帽	3
36	19-36	Screw	螺絲	1
37	19-37	Connecting Block (Left)	調節座(小)	1
38	SV250	Screw (M5 - 0.8 × 5)	螺絲	2
39	SF244	Screw (M6 - 1.0 × 16)	螺絲	2
40	WF06	Washer	華司	2
41	SV252	Screw (M6 - 1.0 × 10)	螺絲	5
42	19-11-2	Trimming Solenoid Support	下切刀驅動固定座	1
43	21-43	Pneumatic Under Thread Trimmer Complete Set	下切刀驅動氣壓組	1
44	19-43-2	Connector Cover	連接器套頭	1
45	19-43-3	Teminal	端子(公)	6
46	1M040	PVC Cover	PVC套管	1
47	19-08	Magnetic Adjusting Base	磁鐵調節座	1
48	SV208	Screw (M3 - 0.5 × 4.5)	螺絲	2
49	GB08	Screw (M3 - 0.5 × 3.5)	螺絲	2
50	N2044-1	Air Solenoid Base	氣壓閥組固定座	1
51	VK48	Washer	墊片	2

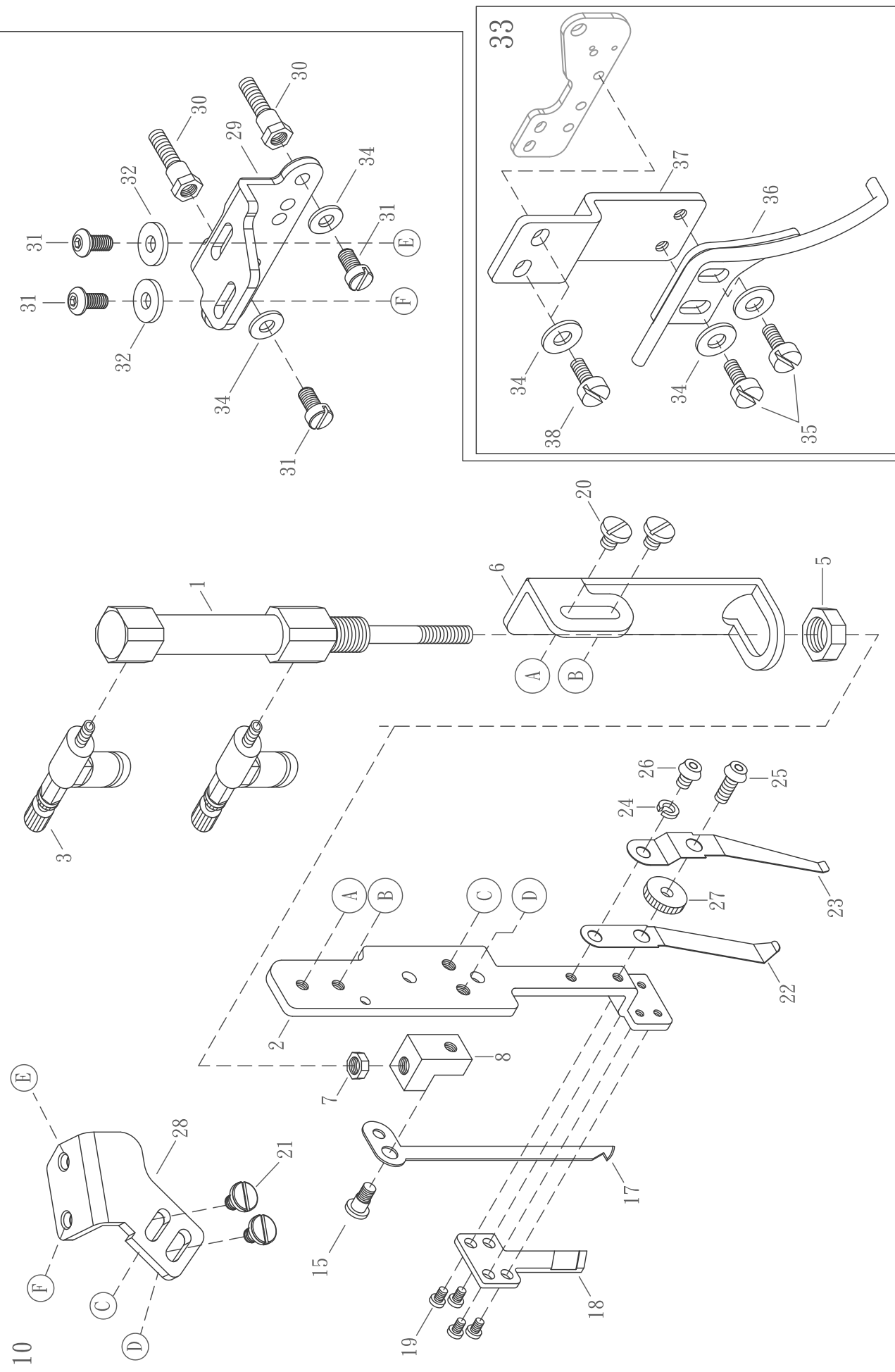


PRESSER FOOT LIFTER (PNEUMATIC TYPE)**氣壓式抬壓腳組與氣壓閥壓力表**

21

Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
1	J3224	Air Cylinder	氣缸	1
2	N2102	Air Cylinder Bracket	氣缸托架	1
3	M2603	Nut	螺帽	1
4	NV14	Nut (M8)	螺帽 (M8)	1
5	23-05-1	Plastic Pushing Block	塑膠推塊	1
6	GK03	Screw (M6 - 1 × 14)	螺絲	2
7	WF06	Washer	墊片	2
8	23-08	Regulator Support	壓力表支架	1
9	15-24	Wood Screw	木螺絲	2
10	SV266	Screw (M6 - 1 × 10)	螺絲	2
11	WF06	Spring Washer	彈簧墊片	2
12	23-12	Pressure Meter	壓力表	1
13	NF31	Nut	螺帽	2
14	23-14	Air Solenoid, Complete Set	電磁閥與氣壓整組	1
15	23-15	Air Solenoid Base	電磁閥整組	1
16	27-19	T-Type Air Connector	風管三通接頭	1
17	N2117	Air-Type Presser Foot Lifter	氣壓式抬壓腳整組	1

風上切刀及吹風組

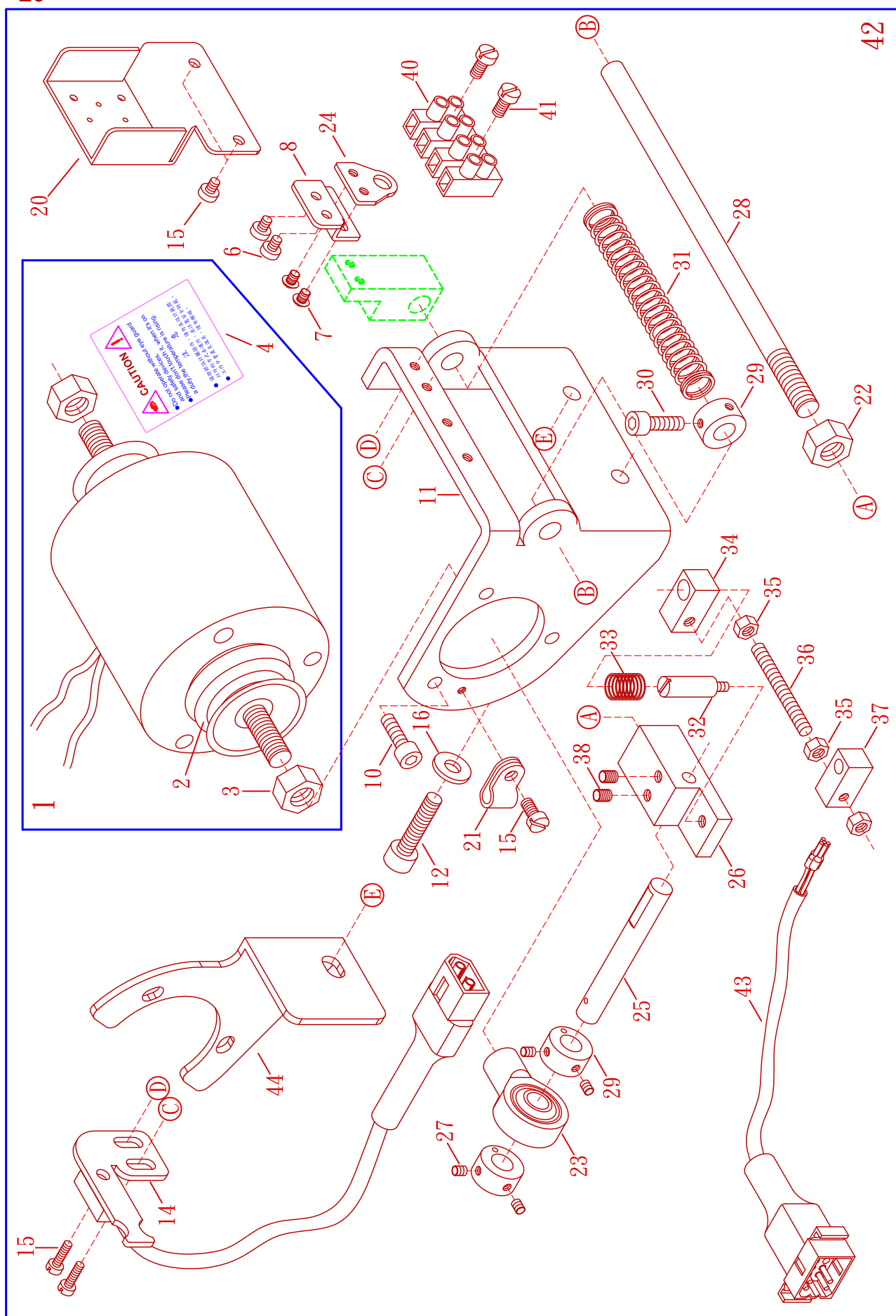


TOP THREAD TRIMMER (PNEUMATIC TYPE) AND AIR WIPER

氣壓式上切刀機構與吹風組

22

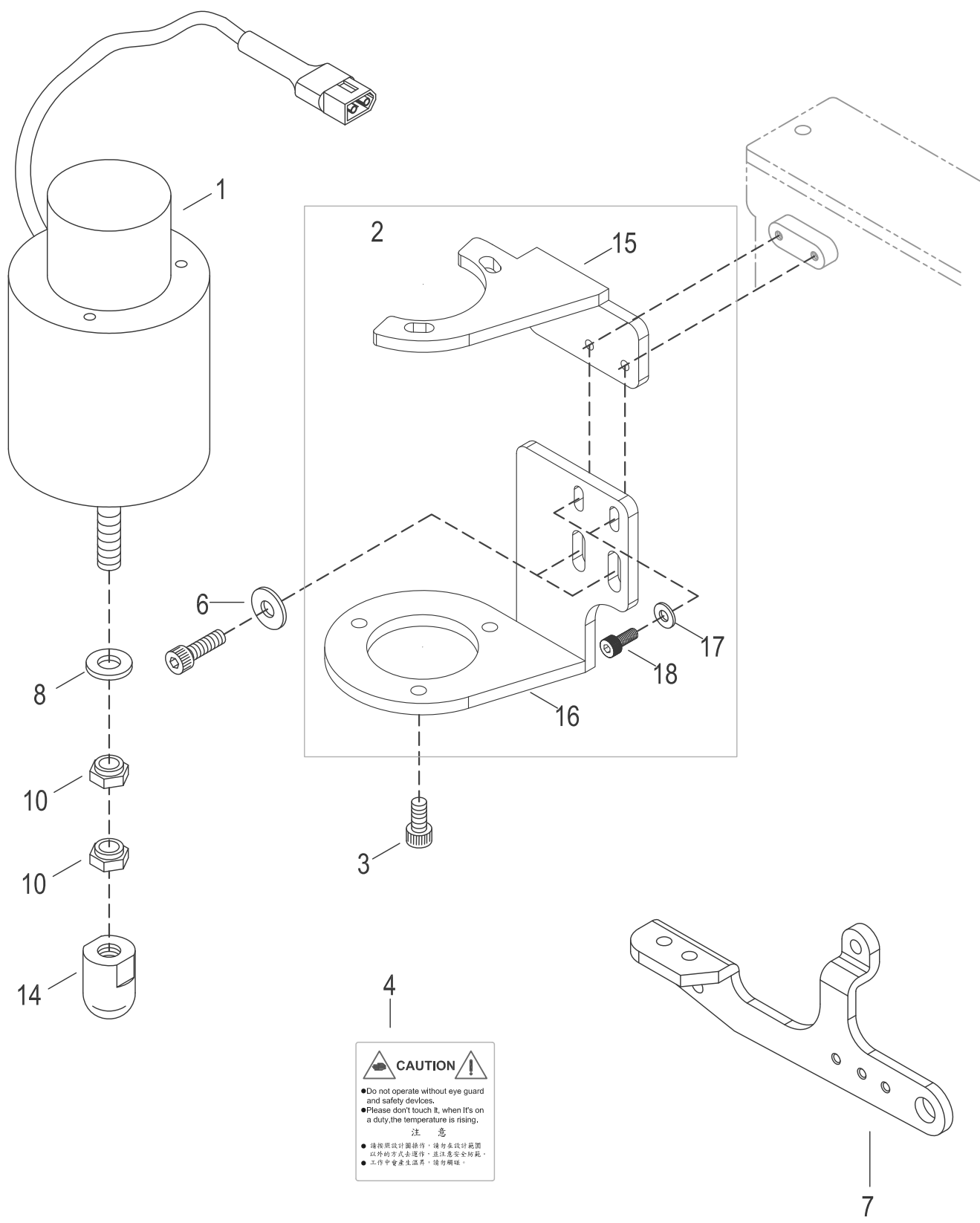
Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req.
1	18-01	Top Trimmer Air Cylinder	上切刀氣缸	1
2	18-02	Fixed Trimmer Knife Holder	氣壓式切刀導槽	1
3	18-03	Pneumatic Regulator	調節閥	2
4				
5	18-05	Nut	螺帽	1
6	18-06	Air Cylinder Bracket	汽缸托座	1
7	18-07	Nut	螺帽	1
8	18-08	Movable Trimming Knife Base	活動刀固定座	1
9				1
10	18--10A	Complete Set Pneumatic Top Trimmer	上切刀氣壓組	1
11				
12				
13				
14				
15	18-15	Screw	螺絲	2
16				
17	18-17	Movable Trimming Knife	上切活動刀	1
18	18-18	Fixed Trimming Knife	上切固定刀	1
19	18-19	Screw	螺絲	4
20	18-20	Screw	螺絲	2
21	18-21	Screw	螺絲	2
22	18-22	Clamp Spring	夾線片	1
23	18-23	Knife Press Adjusting Spring	夾線押力片	1
24	18-24	Washer	華司	1
25	18-25	Adjusting Screw	調節螺絲	1
26	18-26	Screw	螺絲	1
27	18-27	Adjusting Nut	調節螺帽	1
28	18-28	Trimming Movement Base	方向作動整座	1
29	18-29	Trimming Fixed Bracket	上切刀固定作	1
30	N2230	Screw	連座螺絲	2
31	18-31	Screw	螺絲	4
32	FA24	Washer	華司	2
33	24-11A	Air Wiper, Complete Set	吹風撥線管整組	1
34	WF04	Washer	墊片	6
35	SV221	Screw (M4 - 0.7 × 8)	螺絲	2
36	24-08	Air Wiper Tube	吹風撥線管	1
37	24-07	Air Wiper Bracket	吹風撥線管調節定位座	1
38	SV232	Screw (M4 - 0.7 × 10)	螺絲	2



UNDER THREAD TRIMMER (ELECTRIC TYPE)電磁式下切刀驅動機構

23

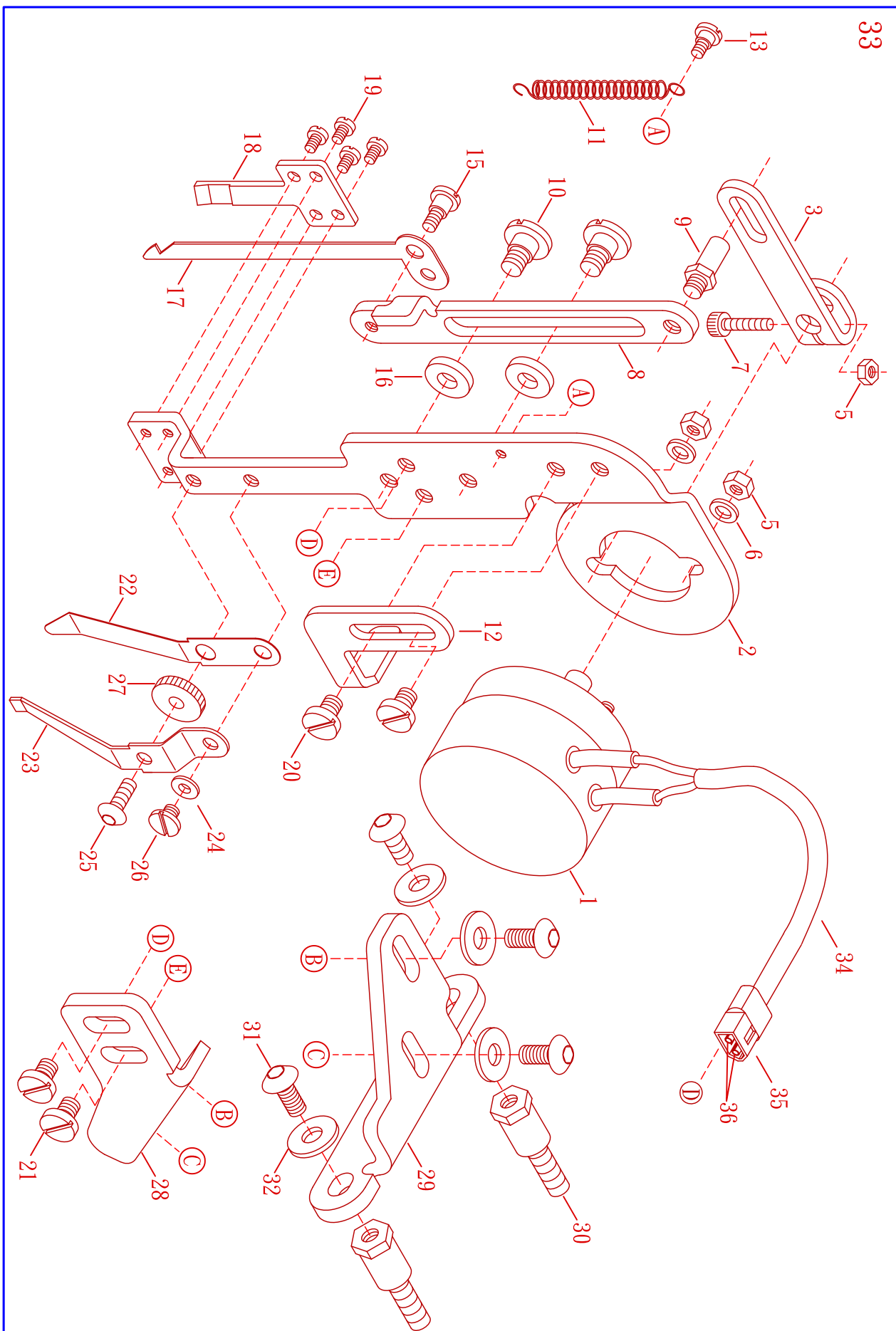
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	19-01	Under Trimmer Solenoid	下切刀電磁閥	1
2	19-02	Solenoid Body	電磁閥伸縮護套	1
3	19-03	Nut	螺母	2
4	N053		貼紙	1
5				
6	SV208	Screw (M3 - 0.5 × 4.5)	螺絲	2
7	GB08	Screw (M3 - 0.5 × 3.5)	螺絲	2
8	19-08	Magnetic Adjusting Base	磁鐵調節座	1
9				
10	SV252	Screw (M5 - 0.8 × 10)	螺絲	3
11	19-11-2	Trimming Solenoid Support	下切刀驅動固定座	1
12	SF244	Screw (M6 - 1.0 × 16)	螺絲	2
13				
14	19-14-1	Safety Switch Bracket	安全開關座	1
15	SV221	Screw (M4 - 0.7 × 8)	螺絲	5
16	WF06	Washer	墊片	2
17				
18				
19				
20	F1616		端子固定座	1
21	FL13	Cord Clamp	導線固鈕	1
22	NV14	Nut	螺帽	2
23	19-23	Plunger Connecting Rod	魚眼軸承	1
24	19-24-1	Magnetic Bracket	磁鐵座	1
25	19-25	Plunger Connecting Rod Pin	軸心	1
26	19-26	Adjusting Rod Block	調節桿座	1
27	SF228	Screw (M4 - 0.7 × 4)	螺絲	4
28	19-28-1	Solenoid Return Shaft	螺桿軸心	1
29	VH32	Collar	止推緊環	3
30	SV247	Screw (M4 - 0.7 × 20)	螺絲	2
31	19-31	Spring	彈簧	1
32	19-32	Screw (M5 - 0.8 × 26)	螺樁	1
33	19-33	Spring	彈簧	1
34	19-34	Connecting Block (Right)	調節座 (大)	1
35	NV12	Nut	螺帽	3
36	19-36	Screw (M5 - 0.8 × 40全牙)	螺絲	1
37	19-37	Connecting Block (Left)	調節座 (小)	1
38	SV250	Screw (M5 - 0.8 × 5)	螺絲	2
39				
40	19-40	Terminator Base	端子座	1
41	MDA100	Screw (M3 - 0.5 × 10)	螺絲	2
42	19-42	Under Trimmer Solenoid Set	下切驅動電磁組	1
43	19-43	Adopting Cord	電切用中繼線	1
44	N2344	Elastic Tape Cuide Bracket	固定座	1



PRESSER FOOT LIFTER (ELECTRIC TYPE)**電磁式抬壓驅動機構**

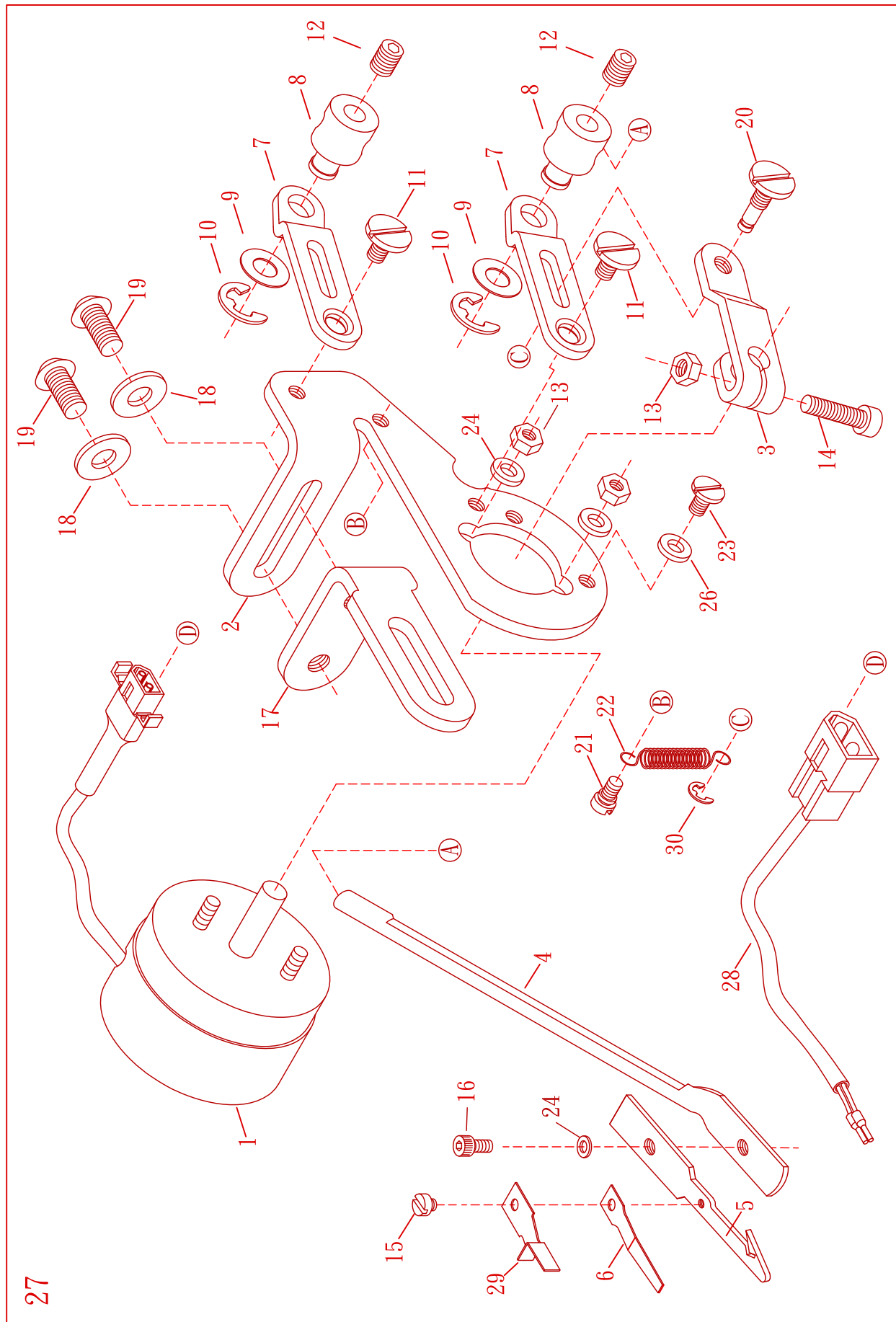
24

Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
1	N2401	Presser Foot Lifter Solenoid	抬押腳電磁閥	1
2	N2402-A	Solenoid Support	電磁閥吊座組	1
3	SV252	Screw (M5 - 0.8 × 10)	螺絲	4
4	N053		貼紙	1
5	GL16	Screw (M6 - 1.0 × 12)	螺絲	2
6	WF06	Washer	墊片	2
7	N0839 i	Lifter Lever	揚升臂	1
8	21-06	Rubber Cushion	避震膠墊	1
9				
10	NV14	Nut	螺帽	2
11				
12				
13				
14	23-05	Plastic Pushing Block	塑膠推塊	1
15	N2415	Solenoid Support (Upper)	電磁閥吊座 (上)	1
16	N2416	Solenoid Support (Lower)	電磁閥吊座 (下)	1
17	WF04	Washer	墊片	2
18	SF225	Screw (M4 - 0.7 × 10)	螺絲	2



TOP THREAD TRIMMER (ELECTRIC TYPE)**電磁式上切刀機構****25**

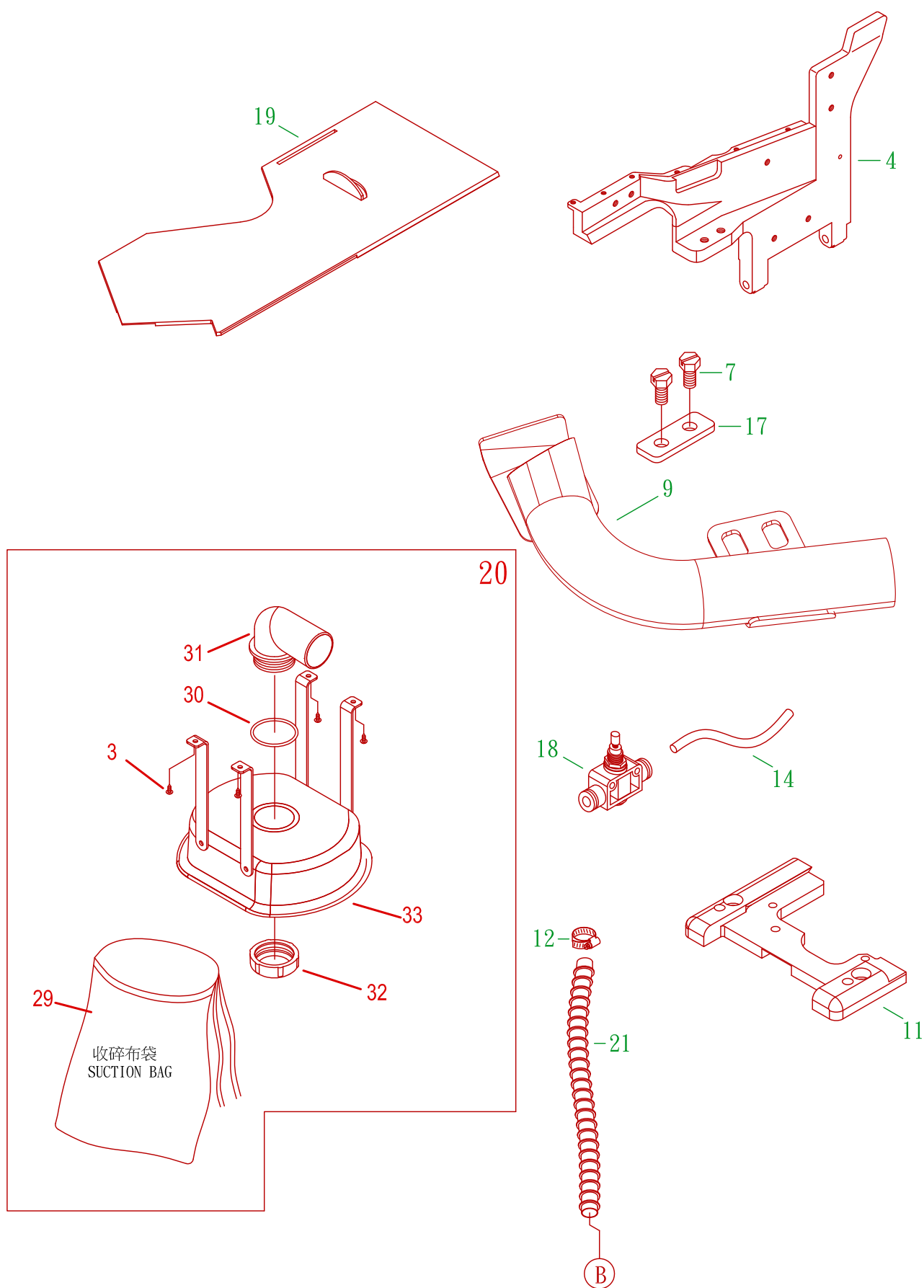
Ref.	Parts			25
NO.	NO.	Description	零 件 名 稱	Amt.
				Req.
1	37-01	Solenoid	電磁閥	1
2	37-02	Solenoid Bracket	電磁閥機體座	1
3	37-03	Solenoid Driving Arm	電磁閥驅動臂	1
4				
5	37-05	Nut	螺帽	3
6	18-24	Washer	華司	3
7	37-07	Screw (M3 - 0.5 × 14)	螺絲	1
8	37-08	Top Trimmer Guide Plate	上切刀導槽座	1
9	37-09	Screw (M4 - 0.7 × 3)	導槽連接螺絲	1
10	37-10	Screw (M4 - 0.7 × 4.5)	螺絲	2
11	37-11	Spring	拉簧	1
12	37-12	Adjusting Screw	調節器	1
13	37-13	Screw (M3 - 0.5)	螺絲	1
14				
15	18-15	Screw (M3 - 0.5)	螺絲	2
16	37-16	Washer	墊片	2
17	18-17	Movable Trimming Knife	上切活動刀	1
18	18-18	Fixed Trimming Knife	上切固定刀	1
19	18-19	Screw (M2 - 0.4 × 4)	螺絲	4
20	18-20	Screw (SM9/64 - 40 × 5)	螺絲	2
21	18-21	Screw (M4 - 0.7 × 6)	螺絲	2
22	18-22	Clamp Spring	夾線片	1
23	18-23	Knife Press Adjusting Spring	夾線押力片	1
24	18-24	Spring Washer	彈簧華司	1
25	18-25	Adjusting Screw (M3 - 0.5 × 8)	調節螺絲	1
26	18-26	Screw (M3 - 0.5 × 4)	螺絲	1
27	18-27	Nut	調節螺帽	1
28	18-28	Knife Guide Bracket	方向作動調整座	1
29	18-29	Upper Trimming Knife Base	上切刀固定座	1
30	N2230	Screw (M4 - 0.7 × 21)	連座螺絲	2
31	18-31	Screw (M4 - 0.7 × 8)	螺絲	4
32	FA24	Washer	華司	4
33	N3733	Top Thread Trimmer, Complete Set	上切刀整組	1



ELECTRIC WIPER**電磁式上撥線機構**

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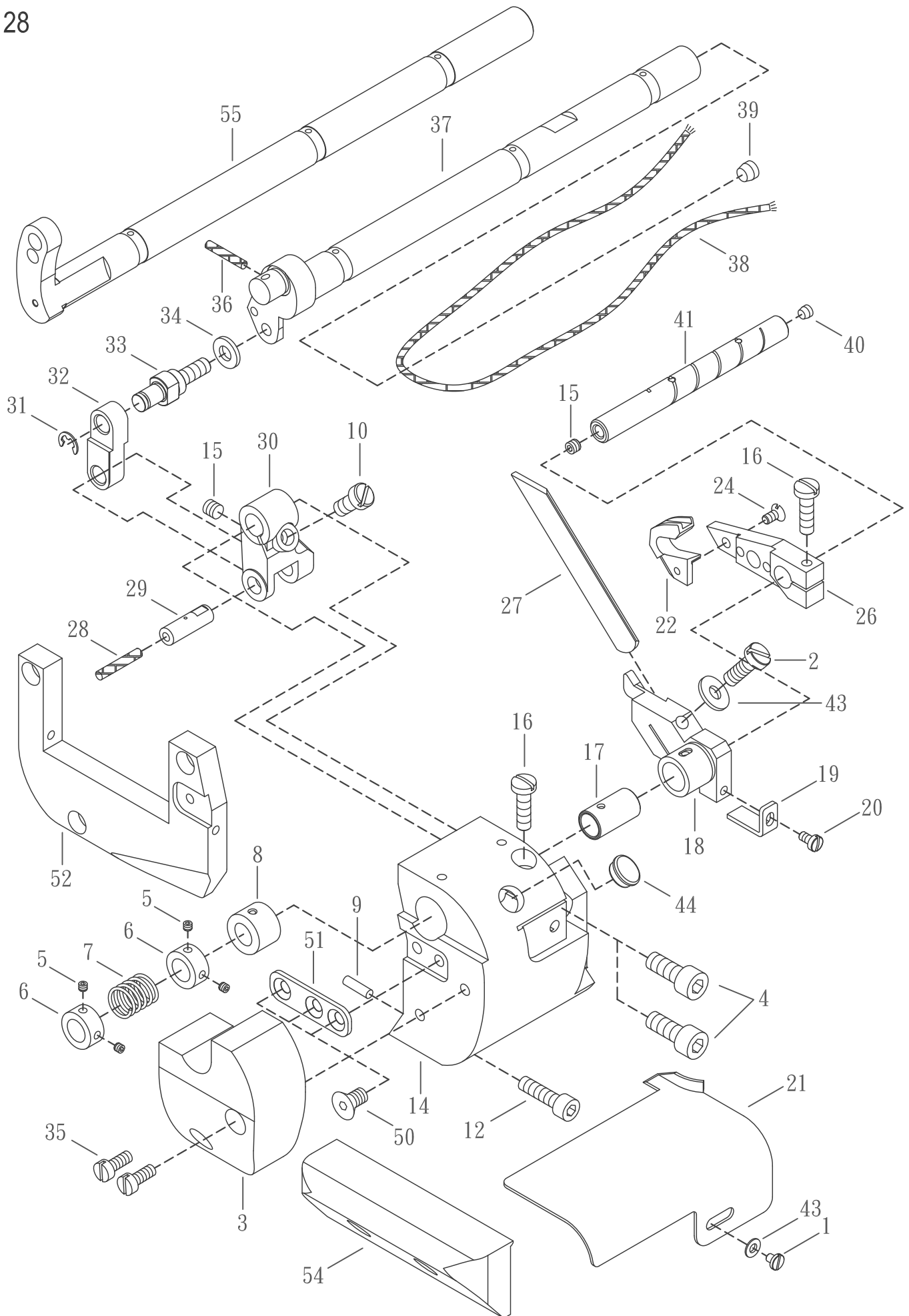
Ref.	Parts			Amt .
No.	No.	Description	產 品 名 稱	Req .
1	20-01	Wiper Solenoid	撥線電磁閥	1
2	N2602	Solenoid Support	撥線機體座	1
3	20-03	Wiper Bracket	電磁驅動臂	1
4	N2604	Wiper Bar	撥線搖臂	1
5	N2605	Wiper Hook	撥線勾	1
6	N2606	Clamp Spring	夾線彈簧片	1
7	N2607-1	Wiper Adjusting Arm	方向作動調整臂	2
8	20-08	Solenoid Lever Pin	轉動軸	2
9	20-09	Washer	墊片	2
10	16-28	Retaining Ring	扣環	2
11	20-11-1	Screw	螺絲	2
12	SF228	Screw (M4/0.7×4)	螺絲	2
13	37-05	Nut (M3 × 0.5)	螺帽	3
14	20-14	Screw (M3 × 0.5)	螺絲	1
15	20-15	Screw (M2 × 0.4)	螺絲	1
16	18-26	Screw (M3 × 0.5)	螺絲	1
17	N2617	Solenoid Support Link	連接支撐架	1
18	FA24	Washer (M4)	墊片	2
19	18-31	Screw (M4 × 0.7)	螺絲	2
20	20-20	Pin Screw	驅動臂插銷	1
21	37-13	Screw	螺絲 (M3×0.5)	1
22	N2622	Spring	拉簧	1
23	SV112	Screw (SM9/64)	螺絲	1
24	18-24	Washer	墊片	3
25				
26	20-26	Stop Washer	消力擋	1
27	N2627	Wiper Set	撥線器組	1
28	20-28	Extension Cord	連接延長線	1
29	N2629	Needle Guard	頂針片	1
30	H1341	Retaining Ring	扣環	1



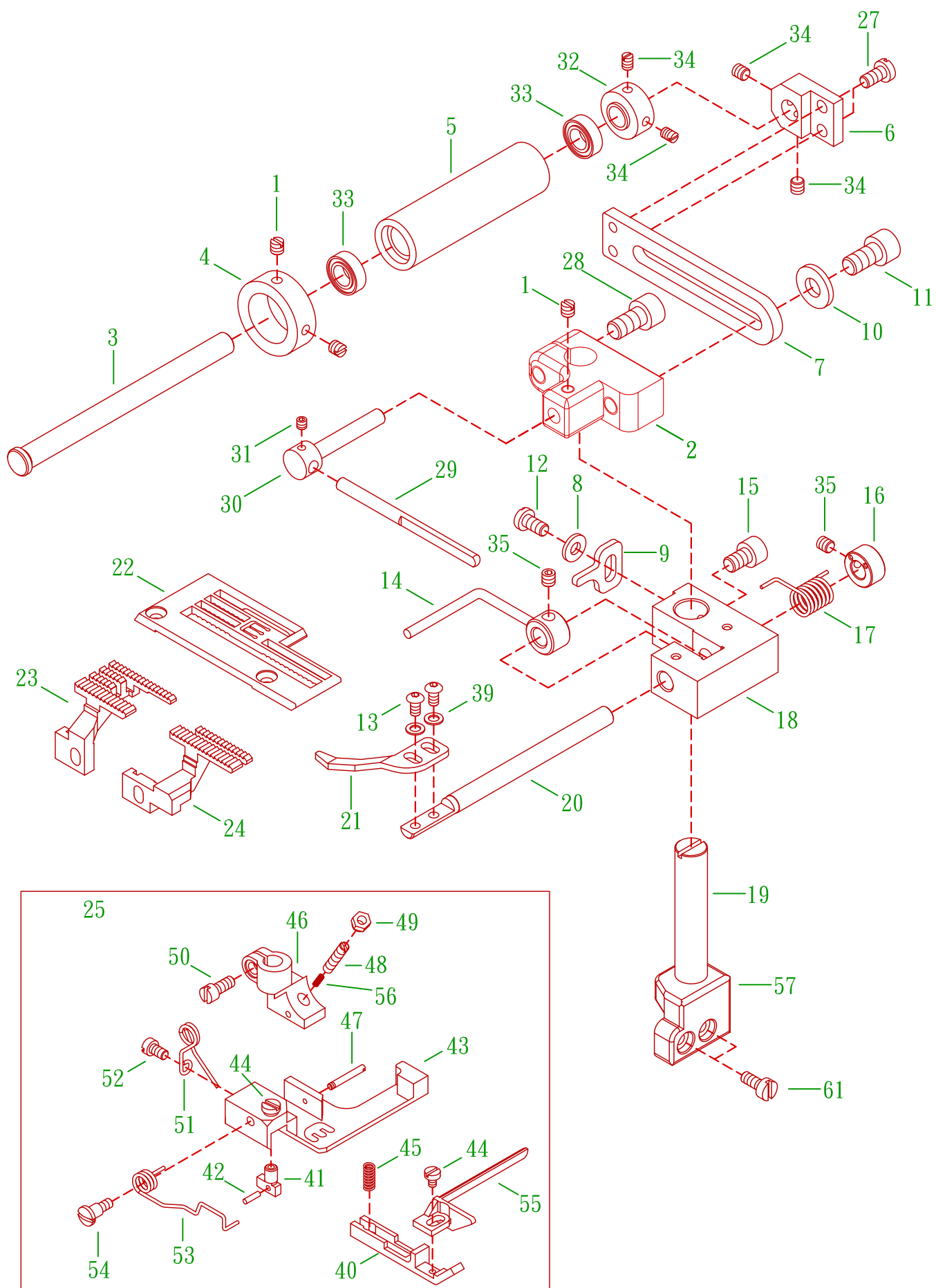
EXCLUSIVE PARTS R500/RP專用零件

27

<u>Ref.</u> <u>No.</u>	<u>Parts</u> <u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Amt .</u> <u>Req .</u>
1				
2				
3	27-03	Wooden Screw	木螺絲	4
4	N2958	Front Cover (Lower)	前蓋底座	1
5				
6				
7	GW07	Screw (M5 - 0.8 × 16)	螺絲	2
8				
9	N2959	Suction Pipe	吸風管	1
10				
11	N2711-3	Stitch Plate Support	針板支架	1
12	27-12	Pipe Fastener	緊縮環	1
13				
14	N2714	Air Tube(ψ 4 × ψ 6 × 800)	空氣管	1
15				
16				
17	F1524	Washer	方型墊片	1
18	27-18	Suction Regulator	調節閥	1
19	N3105	Slide Cover	滑板	1
20	27-04	Suction Bag Compete set	C-100廢布和線頭收集組	1
21	27-11	Suction Pipe	螺紋吸風管	1
29	27-29	Suction Bag	收碎布袋	1
30	27-30	O Ring	O型環	1
31	27-31	Plastic Tube	塑膠彎管	1
32	27-32	Plastic Nut	塑膠螺帽	1
33	27-33	Suction Bag Holder	碎布袋固定座	1



RIGHT-HAND KNIFE DEVICE			R500/RP	右修刀驅動機構	28
Ref.	Parts				Amt .
No.	No.	Description		產 品 名 稱	Req .
1	SV239	Screw (M4 - 0.7 × 5)		螺絲	1
2	SF220-1	Screw (M 4- 0.7 × 16)		螺絲	1
3	N2803-1	Filter Cover		側封蓋	1
4	SV252	Screw (M5 - 0.8 × 10)		螺絲	2
5	SF106	Screw (SM 1/8 - 44 × 2.8)		螺絲	4
6	N2806	Collar		固定環	2
7	N2807	Spring		彈簧	1
8	N2808	Bushing		軸襯	1
9	N2809	Knock Pin		定位銷	2
10	N2810	Screw (M5 - 0.8 × 10)		螺絲	1
12	MFP160	Screw (M4 - 0.7 × 16)		螺絲	1
13	SV234	Screw (M4 - 0.7 × 35)		螺絲	1
14	N2814-2	Lower Knife Holder Bracket		下刀座	1
15	SF228	Screw (M4 - 0.7 × 4)		螺絲	2
16	SV223	Screw (M4 - 0.7 × 14)		螺絲	2
17	N2817	Bushing		軸襯	1
18	N2818-1	Lower Knife Holder		下刀台	1
19	N2819	Guide		限位片	1
20	MDA060	Screw (M3 - 0.5 × 6)		螺絲	1
21	N2821-1	Guide		導模	1
22	N2822	Upper Knife		上刀	1
24	SV211	Screw (M3 - 0.5 × 4.5)		螺絲	1
26	N2826	Upper Knife Holder		上刀座	1
27	N2827	Lower Knife		下刀	1
28	N2828	Oil Wick		油蕊	1
29	N2829	Pin		銷	1
30	N2830	Lever		連桿	1
31	16-28	Retaining Ring		扣環	1
32	N2832	Lever		連桿	1
33	N2833	Link Pin		結合銷	1
34	N2834	Collar		固定環	1
35	SV221	Screw (M4 - 0.7 × 8)		螺絲	2
36	N2836	Oil Wick		油蕊	1
37	N2837	Feed Lift Shaft		軸	1
38	N2838	Oil Wick		油蕊	1
39		Seal Plug		膠塞	1
40		Seal Plug		膠塞	1
41	N2841-1	Upper Knife Shaft		軸	1
43	WF03	Washer		墊片	2
44	RF08	Seal Plug		膠塞	1
50	SV228	Screw (M4 - 0.7 × 8)		螺絲	3
51	N2851	Cylinder Side Cover Hinge		圓筒側蓋樞紐	1
52	N2852	Carrier Stop		固定板	1
53	GB18	Screw (M4 - 0.7 × 10)		螺絲	3
54	N2854-1	Side Cover Guide		下軸側蓋導模	1
55	N1110R	Differential Feed Shaft		右修送料軸	1



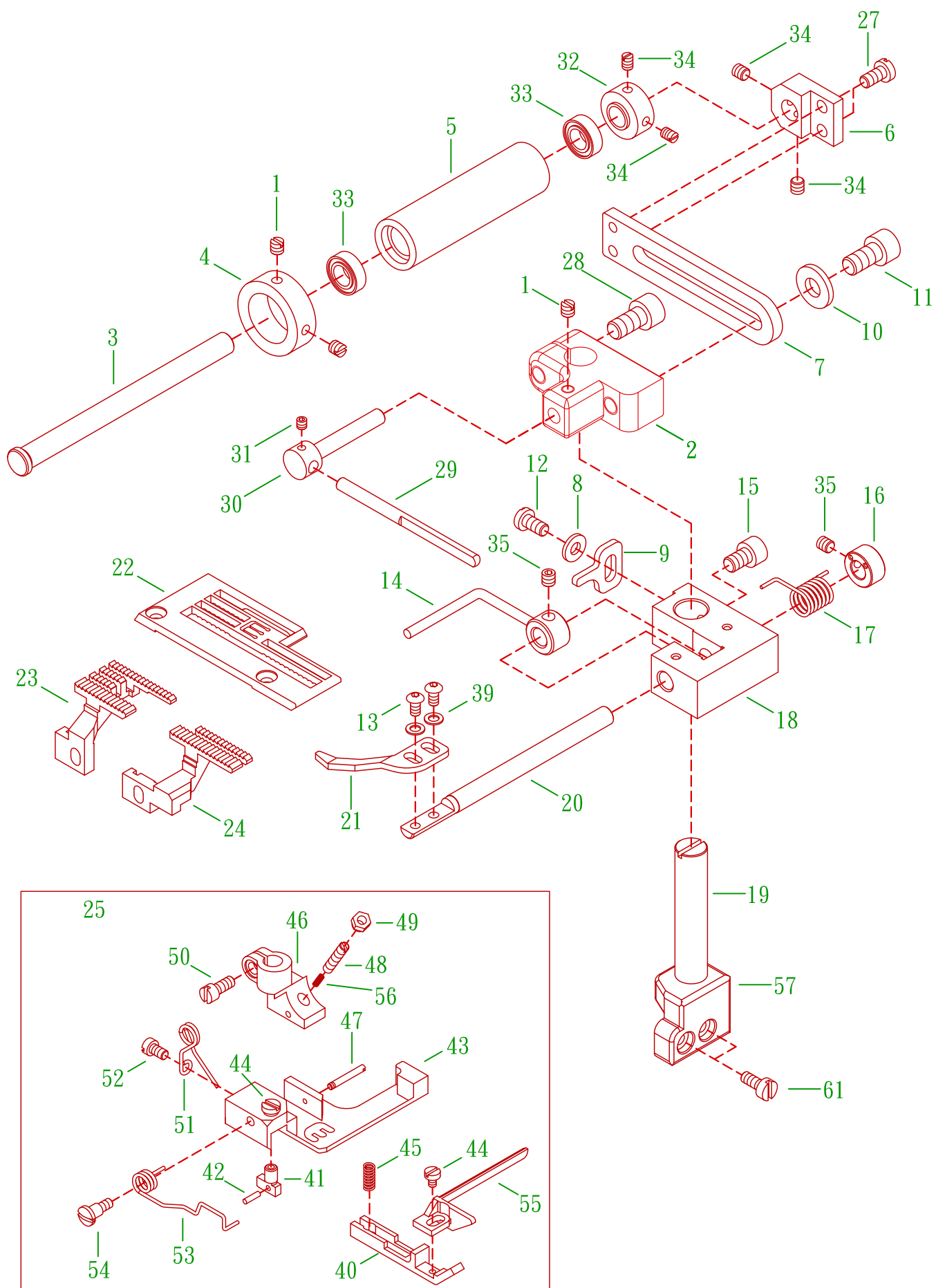
STITCH PLATE & FEEDING DEVLCE R500/RP (OPTIONAL)

右修刀針板送料齒配件組

29-1

Ref. No.	Parts No.	Description	(一般)選配 產 品 名 稱	Amt. Req.
1	SF228	Screw (M4 - 0.7 × 4)	螺絲	3
2	N2902-1	Elastic Tape Guide Bracket	固定座	1
3	N2903	Shaft	軸	1
4	N2904	Collar	固定環	1
5	N2905	Roller	滾輪	1
6	N2906	Connecting Block	連接塊	1
7	N2907	Roller Holder Arm	滾輪臂	1
8	WF03	Washer	墊片	1
9	N2909	Stop Plate	固定片	1
10	WF06	Washer	墊片	1
11	GK03	Screw (M6 - 1 × 14)	螺絲	1
12	GJ36	Screw (M4 - 0.7 × 5.8)	螺絲	1
13	GB12	Screw (M3 - 0.5 × 6)	螺絲	2
14	N2914-1	Guider Bar	導桿	1
15	SV251	Screw (M5 - 0.8 × 8)	螺絲	1
16	N2916	Collar	固定環	1
17	N2917	Spring	彈簧	1
18	N2918-1	Fabric Presser Bracket	固定座	1
19	M2919	Shaft	螺軸	1
20	N2920	Shaft	軸	1
21	N2921	Fabric Presser	壓布板	1
22	N2922-240	Needle Plate (4.0)	針版(4.0)	1
	N2922-248	Needle Plate (4.8)	針版(4.8)	
	N2922-356	Needle Plate (5.6)	針版(5.6)	
	N2922-364	Needle Plate (6.4)	針版(6.4)	
	N2922-460	Needle Plate (6.0)	針版(6.0)	
	N2922-464	Needle Plate (6.4)	針版(6.4)	
23	N2923R	Main Feed Dog	主送布齒	1
24	N2924R	Diff Feed Dog	副送布齒	1
25	N2925-240	Press Foot (4.0)	壓腳組 (4.0)	1
	N2925-248	Press Foot (4.8)	壓腳組 (4.8)	
	N2925-356	Press Foot (5.6)	壓腳組 (5.6)	
	N2925-364	Press Foot (6.4)	壓腳組 (6.4)	
	N2925-460	Press Foot (6.0)	壓腳組 (6.0)	
	N2925-464	Press Foot (6.4)	壓腳組 (6.4)	
26				
27	GB37	Screw (M4 - 0.7 × 8)	螺絲	2
28	GA29	Screw (M6 - 1.0 × 20)	螺絲	1
29	N2929	Guide	導模	1
30	N2930	Guider Bar	導桿	1
31	N2931	Screw (M3 - 0.5 × 3)	螺絲	1
32	N2932	Collar	固定環	1
33	N2933	Ball Bearing	滾珠軸承	2
34	N2934	Screw (M3.5 - 0.6 × 5)	螺絲	4
35	SF228	Screw (M4 - 0.7 × 4)	螺絲	2

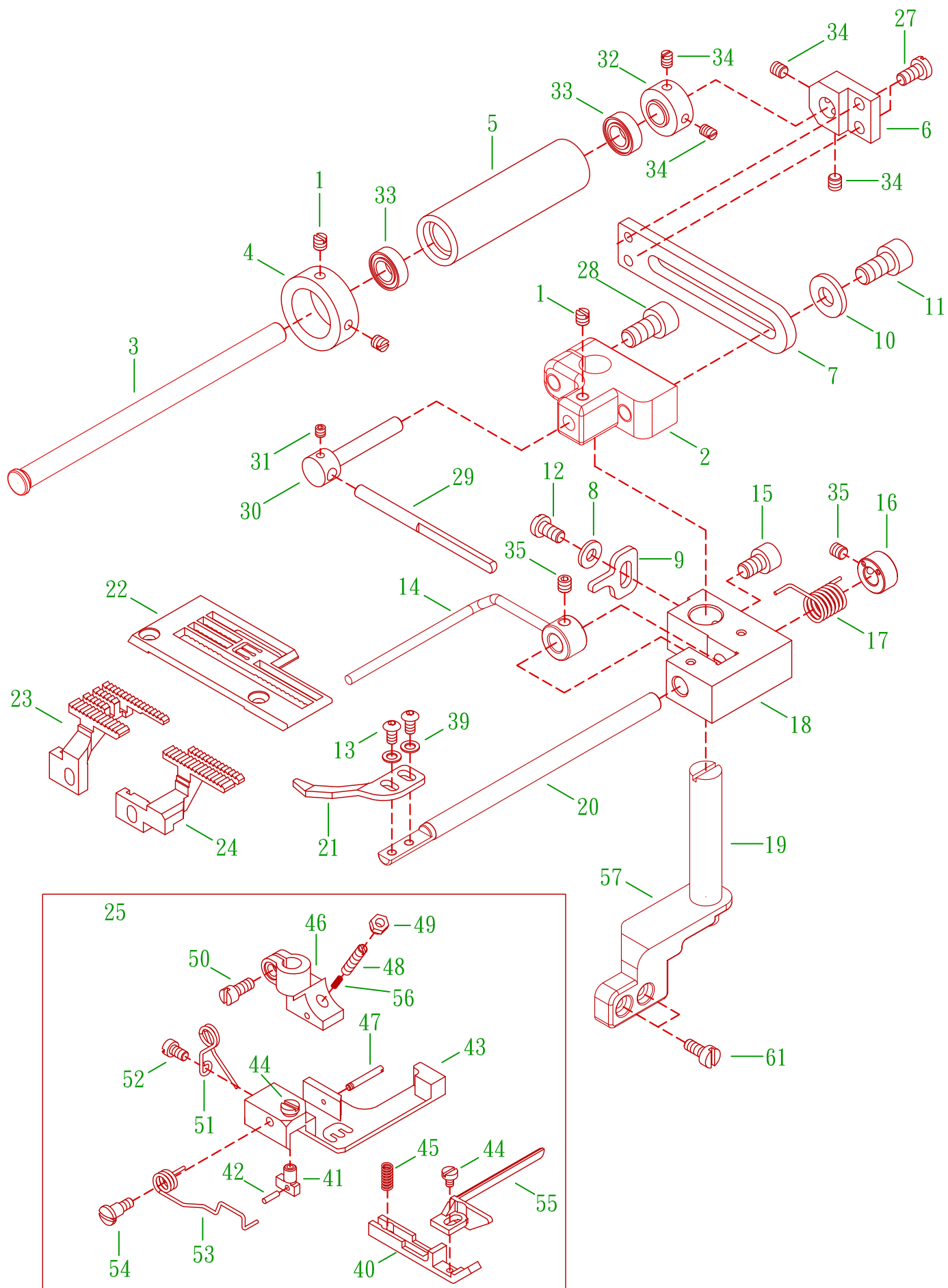
* Ref. No. 36 to 61 See the following page



STITCH PLATE & FEEDING DEVLCE R500/RP (OPTIONAL)

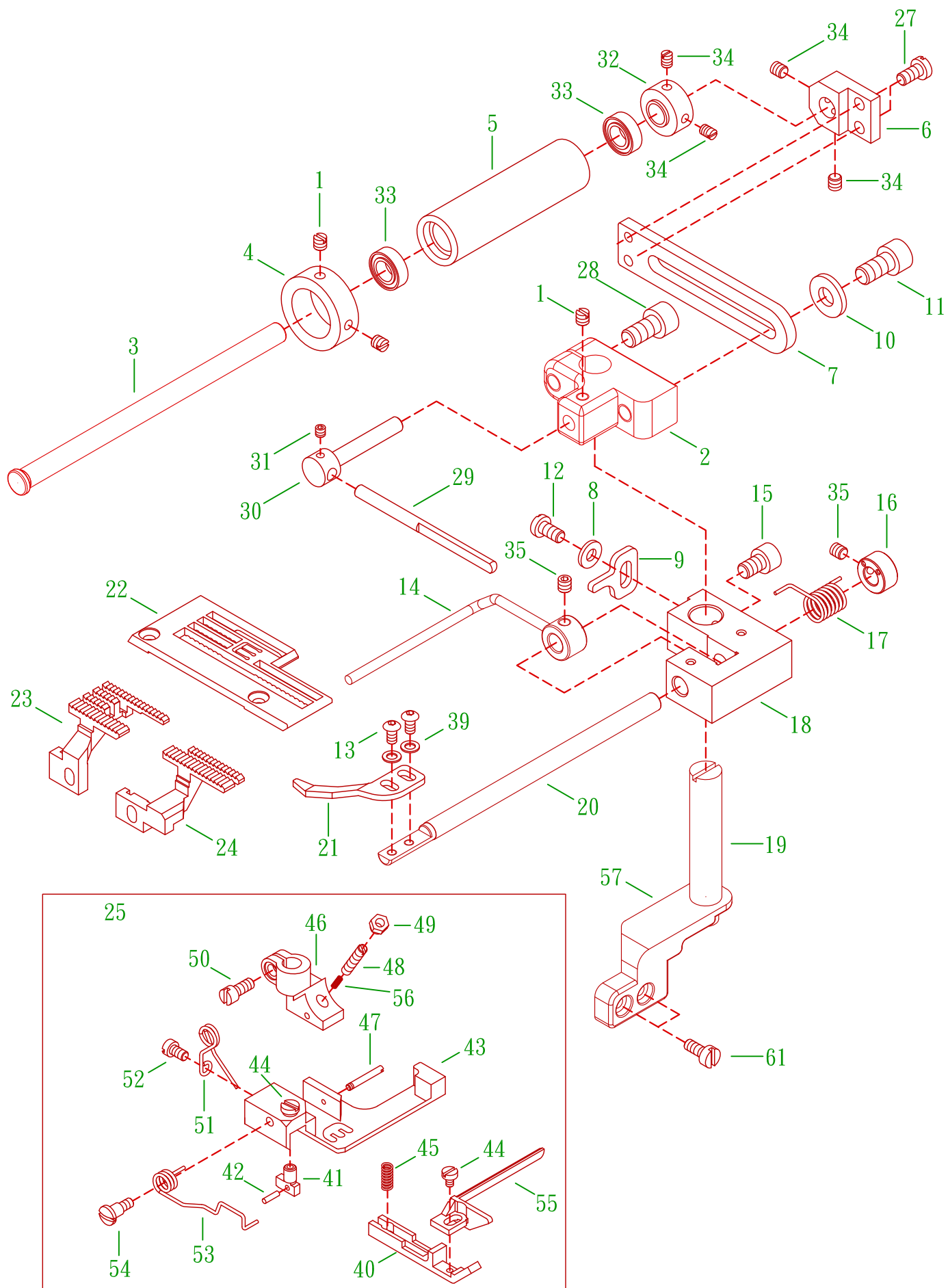
<u>Ref. Parts</u>			<u>右修刀針板送料齒配件組</u>	29-1
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>(一般)選配</u>	<u>Amt.</u>
			<u>產 品 名 稱</u>	<u>Req.</u>
36				
37				
38				
39	GE47	Washer	墊片	2
40	N2940	Left Presser Foot	T形船導片	1
41	N2941	Joint Post	柱銷	1
42	N2942	Presser Foot Hinge Pin	壓腳結合插銷	1
43	N2943	Lower Presser Foot	壓腳底	1
44	GJ38	Screw	螺絲	2
45	N2945	Spring	彈簧	1
46	N2946	Upper Presser Foot	壓腳頭	1
47	N2947	Presser Foot Hinge Pin	壓腳結合插銷	1
48	N2948	Screw	螺絲	1
49	N2949	Lock Nut	保險螺帽	1
50	N2950	Screw	螺絲	1
51	N2951	Spring	彈簧	1
52	SF107	Screw	螺絲	1
53	N2953	Spring	彈簧	1
54	N2954	Screw	螺絲	1
55	N2955	Guide	導帶桿	1
56	FD356-8	Spring	彈簧	1
57	N2957-1	Fabric Presser Bracket	固定座	1
58				
59				
60	SV227	Screw (M4 - 0.7 × 5)	螺絲	2
61	SV216	Screw (M3 - 0.5 × 12)	螺絲	2

*Ref.No. 1 to 35 See the preceding page.



STITCH PLATE & FEEDING DEVLCE R500/RP (EXTENSION TYPE)			右修刀針板送料齒配件組 (加寬) 選配	29-2
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	SF228	Screw (M4 - 0.7 × 4)	螺絲	3
2	N2902	Elastic Tape Guide Bracket	固定座	1
3	N2903B	Shaft	軸	1
4	N2904	Collar	固定環	1
5	N2905B	Roller	滾輪	1
6	N2906	Connecting Block	連接塊	1
7	N2907	Roller Holder Arm	滾輪臂	1
8	WF03	Washer	墊片	1
9	N2909	Stop Plate	固定片	1
10	WF06	Washer	墊片	1
11	GK03	Screw (M6 - 1 × 14)	螺絲	1
12	GJ36	Screw (M4 - 0.7 × 5.8)	螺絲	1
13	GB12	Screw (M3 - 0.5 × 6)	螺絲	2
14	N2914B	Guider Bar	導桿	1
15	SV251	Screw (M5 - 0.8 × 8)	螺絲	1
16	N2916	Collar	固定環	1
17	N2917	Spring	彈簧	1
18	N2918-1	Fabric Presser Bracket	固定座	1
19	M2919-1	Shaft	螺軸	1
20	N2920B	Shaft	軸	1
21	N2921	Fabric Presser	壓布板	1
22	N2922-240	Needle Plate (4.0)	針版(4.0)	1
	N2922-248	Needle Plate (4.8)	針版(4.8)	
	N2922-356	Needle Plate (5.6)	針版(5.6)	
	N2922-364	Needle Plate (6.4)	針版(6.4)	
	N2922-460	Needle Plate (6.0)	針版(6.0)	
	N2922-464	Needle Plate (6.4)	針版(6.4)	
23	N2923R	Main Feed Dog	主送布齒	1
24	N2924R	Diff Feed Dog	副送布齒	1
25	N2925-240	Press Foot (4.0)	壓腳組 (4.0)	1
	N2925-248	Press Foot (4.8)	壓腳組 (4.8)	
	N2925-356	Press Foot (5.6)	壓腳組 (5.6)	
	N2925-364	Press Foot (6.4)	壓腳組 (6.4)	
	N2925-460	Press Foot (6.0)	壓腳組 (6.0)	
	N2925-464	Press Foot (6.4)	壓腳組 (6.4)	
27	GB37	Screw (M4 - 0.7 × 8)	螺絲	2
28	GA29	Screw (M6 - 1.0 × 20)	螺絲	1
29	N2929	Guide	導模	1
30	N2930B	Guider Bar	導桿	1
31	N2931	Screw (M3 - 0.5 × 3)	螺絲	1
32	N2932	Collar	固定環	1
33	N2933	Ball Bearing	滾珠軸承	2
34	N2934	Screw (M3.5 - 0.6 × 5)	螺絲	4
35	SF228	Screw (M4 - 0.7 × 4)	螺絲	2

* Ref. No. 36 to 61 See the following page

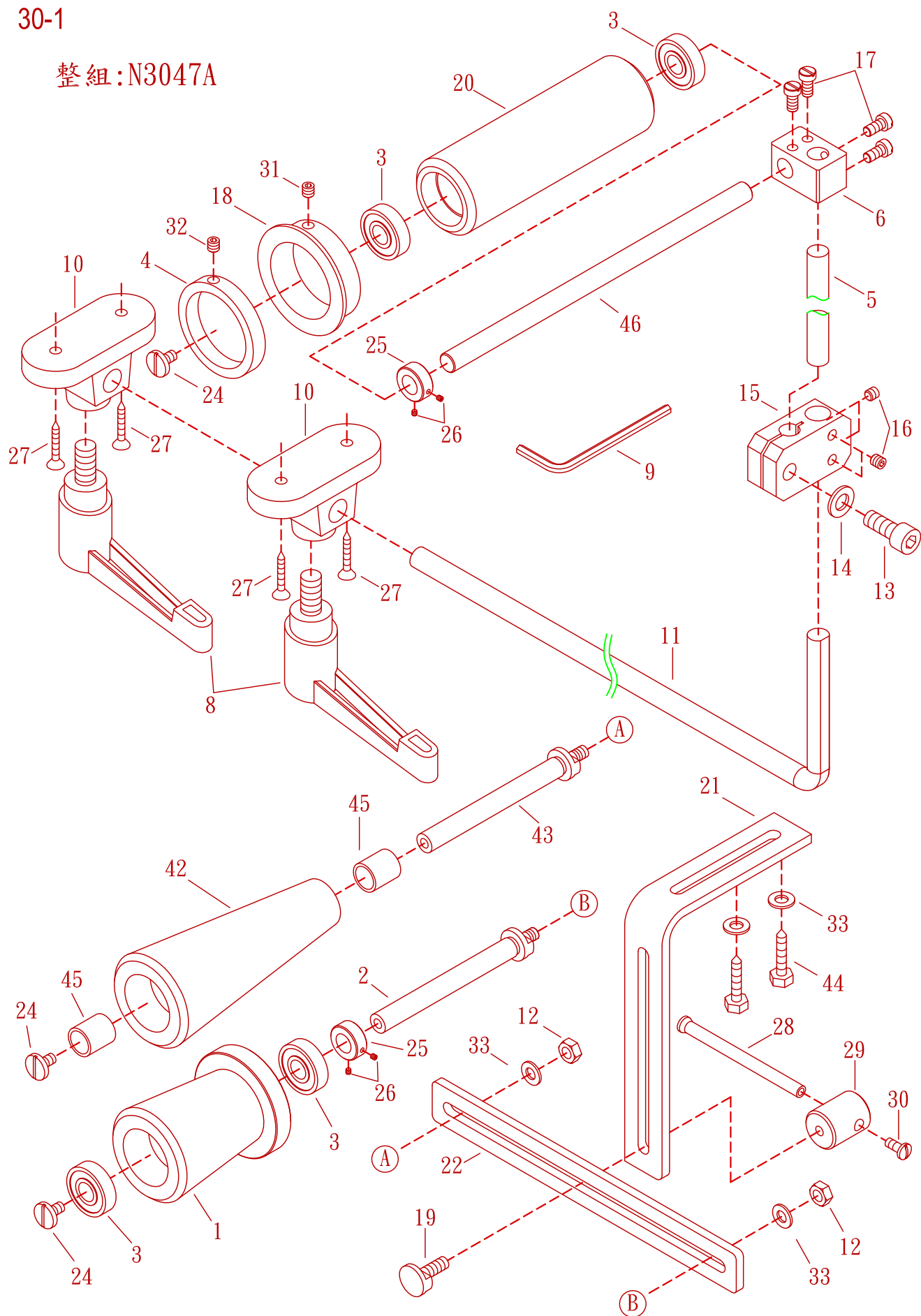


STITCH PLATE & FEEDING DEVLCE R500/RP (EXTENSION TYPE)			右修刀針板送料齒配件組 (加寬) 選配	29-2
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
36				
37				
38				
39	GE47	Washer	墊片	2
40	N2940	Left Presser Foot	T形船導片	1
41	N2941	Joint Post	柱銷	1
42	N2942	Presser Foot Hinge Pin	壓腳結合插銷	1
43	N2943	Lower Presser Foot	壓腳底	1
44	GJ38	Screw	螺絲	2
45	N2945	Spring	彈簧	1
46	N2946	Upper Presser Foot	壓腳頭	1
47	N2947	Presser Foot Hinge Pin	壓腳結合插銷	1
48	N2948	Screw	螺絲	1
49	N2949	Lock Nut	保險螺帽	1
50	N2950	Screw	螺絲	1
51	N2951	Spring	彈簧	1
52	SF107	Screw	螺絲	1
53	N2953	Spring	彈簧	1
54	N2954	Screw	螺絲	1
55	N2955	Guide	導帶桿	1
56	FD356-8	Spring	彈簧	1
57	N2957B	Fabric Presser Bracket	固定座	1
58				
59				
60	SV227	Screw (M4 - 0.7 × 5)	螺絲	2
61	SV216	Screw (M3 - 0.5 × 12)	螺絲	2

*Ref.No. 1 to 35 See the preceding page.

30-1

整組:N3047A

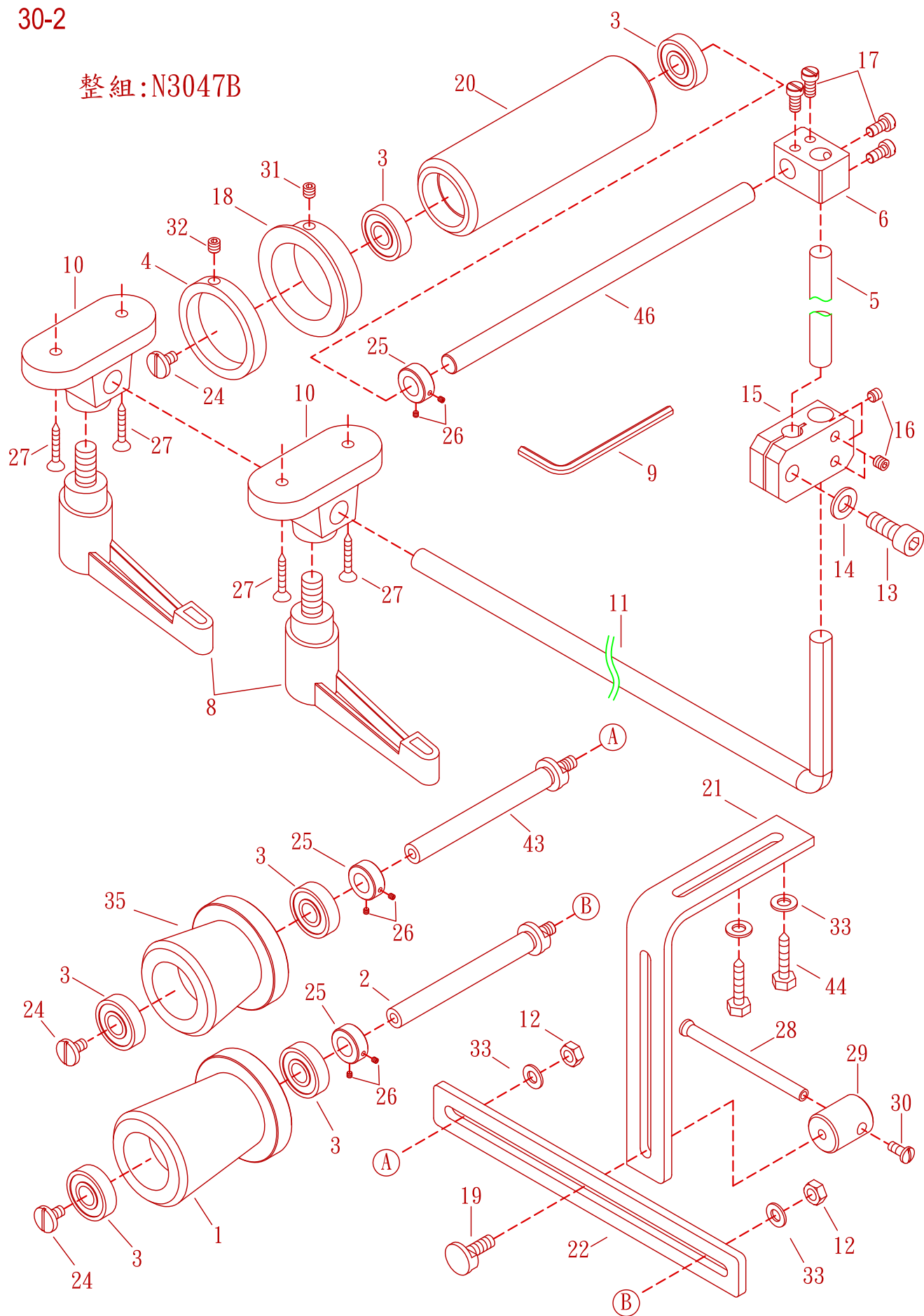


EXTENSION PULLER R500/RP**右修擴張滾輪組 (選配)****30-1**

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N3001	Roller (Long)	滾輪 (長)	1
2	N3002	Shaft	軸	1
3	N3003	Ball Bearing	滾珠軸承	4
4	N3004	Elastic Tape Guide	鬆緊帶導模	1
5	N3005-1	Holder Bracker	支架	1
6	N3006-1	Connecting Block	連接塊	1
7				
8	N3008	Lock Lever	固定扳手	2
9	N3009	Spanner 6MM	六角扳手	1
10	N3010	Holder Bracker Seat	支架座	2
11	N3011-1	Holder Bracker	支架	1
12	NV13	Nut	螺帽	2
13	SF251	Screw (M8 - 1.25 × 20)	螺絲	1
14	15-34	Washer	墊片	1
15	N3015-1	Connecting Block	連接塊	1
16	SF240	Screw (M6 - 1 × 6)	螺絲	4
17	L0434	Screw (M5 - 0.8 × 10)	螺絲	4
18	N3018	Elastic Tape Guide	鬆緊帶導模	1
19	N3019	Stud	螺樁	1
20	N3020	Roller	滾輪	1
21	N3021	Roller Holder Arm	滾輪臂	1
22	N3022	Roller Holder Arm	滾輪臂	1
23				
24	N3024	Screw (SM11/64 - 40 × 8)	螺絲	3
25	N3025	Collar	定位環	3
26	GE26	Screw (M3.5 - 0.6 × 5)	螺絲	4
27	N043	Wood Screw	木螺絲	4
28	N3028	Handle	柄	1
29	N3029	Tension Roller Slider Stop	止動塊	1
30	GW19	Screw (SM11/64 - 40 × 10)	螺絲	1
31	SF228	Screw (M4 - 0.7 × 5)	螺絲	2
32	N2934	Screw (M3.5 - 0.6 × 4.5)	螺絲	2
33	WF07	Washer	墊片	4
34				
35	N3035	Roller (short)	滾輪 (短)	
36				
41				
42	N3042	Roller	滾輪	1
43	N3043	Shaft	軸	1
44	N044	Wood Screw	木螺絲	2
45	N3045	Lower Roller Bushing	軸襯	2
46	N3046	Shaft	軸	1
47	N3047A		整組	1

30-2

整組:N3047B

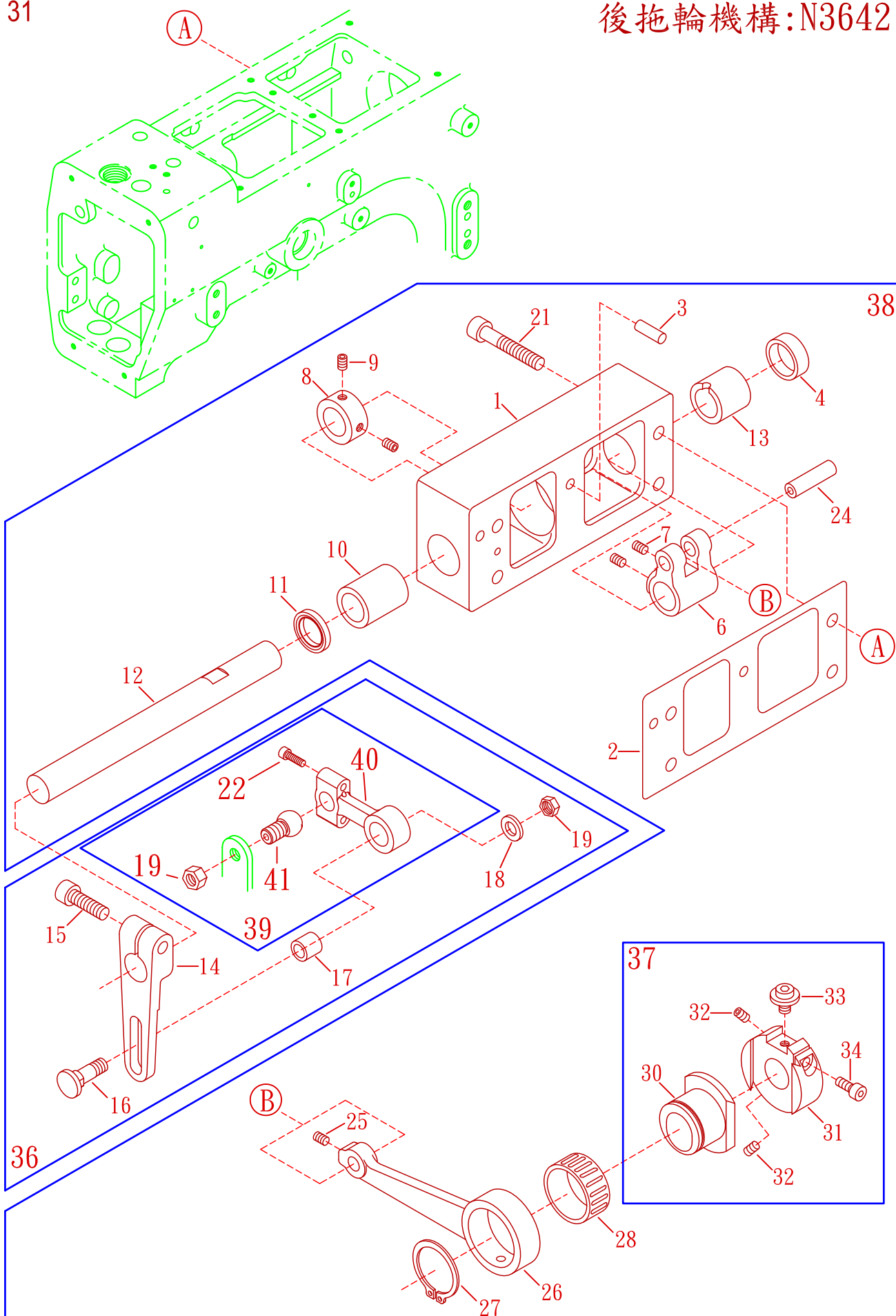


EXTENSION PULLER R500/RP**右修擴張滾輪組 (選配)****30-2**

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N3001-1	Roller	滾輪	1
2	N3002-1	Shaft	軸	1
3	N3003	Ball Bearing	滾珠軸承	6
4	N3004	Elastic Tape Guide	鬆緊帶導模	1
5	N3005-1	Holder Bracket	支架	1
6	N3006-1	Connecting Block	連接塊	1
7				
8	N3008	Lock Lever	固定扳手	2
9	N3009	Spanner 6MM	六角扳手	1
10	N3010	Holder Bracker Seat	支架座	2
11	N3011-1	Holder Bracker	支架	1
12	NV13	Nut	螺帽	2
13	SF251	Screw (M8 - 1.25 × 20)	螺絲	1
14	15-34	Washer	墊片	1
15	N3015-1	Connecting Block	連接塊	1
16	SF240	Screw (M6 - 1 × 6)	螺絲	4
17	L0434	Screw (M5 - 0.8 × 10)	螺絲	4
18	N3018	Elastic Tape Guide	鬆緊帶導模	1
19	N3019	Stud	螺樁	1
20	N3020	Roller	滾輪	1
21	N3021	Roller Holder Arm	滾輪臂	1
22	N3022	Roller Holder Arm	滾輪臂	1
23				
24	N3024	Screw (SM11/64 - 40 × 8)	螺絲	3
25	N3025	Collar	定位環	3
26	GE26	Screw (M3.5 - 0.6 × 5)	螺絲	6
27	N043	Wood Screw	木螺絲	4
28	N3028	Handle	柄	1
29	N3029	Tension Roller Slider Stopper	止動塊	1
30	GW19	Screw (SM11/64 - 40 × 10)	螺絲	1
31	SF228	Screw (M4 - 0.7 × 5)	螺絲	2
32	N2934	Screw (M3.5 - 0.6 × 4.5)	螺絲	2
33	WF07	Washer	墊片	4
34				
35	N3035	Roller (Optional)	滾輪 (選配)	1
36				
43	N3043	Shaft	軸	1
44	N044	Wood Screw	木螺絲	2
45				
46	N3046		軸	1
47	N3047B		整組	1

31

後拖輪機構:N3642

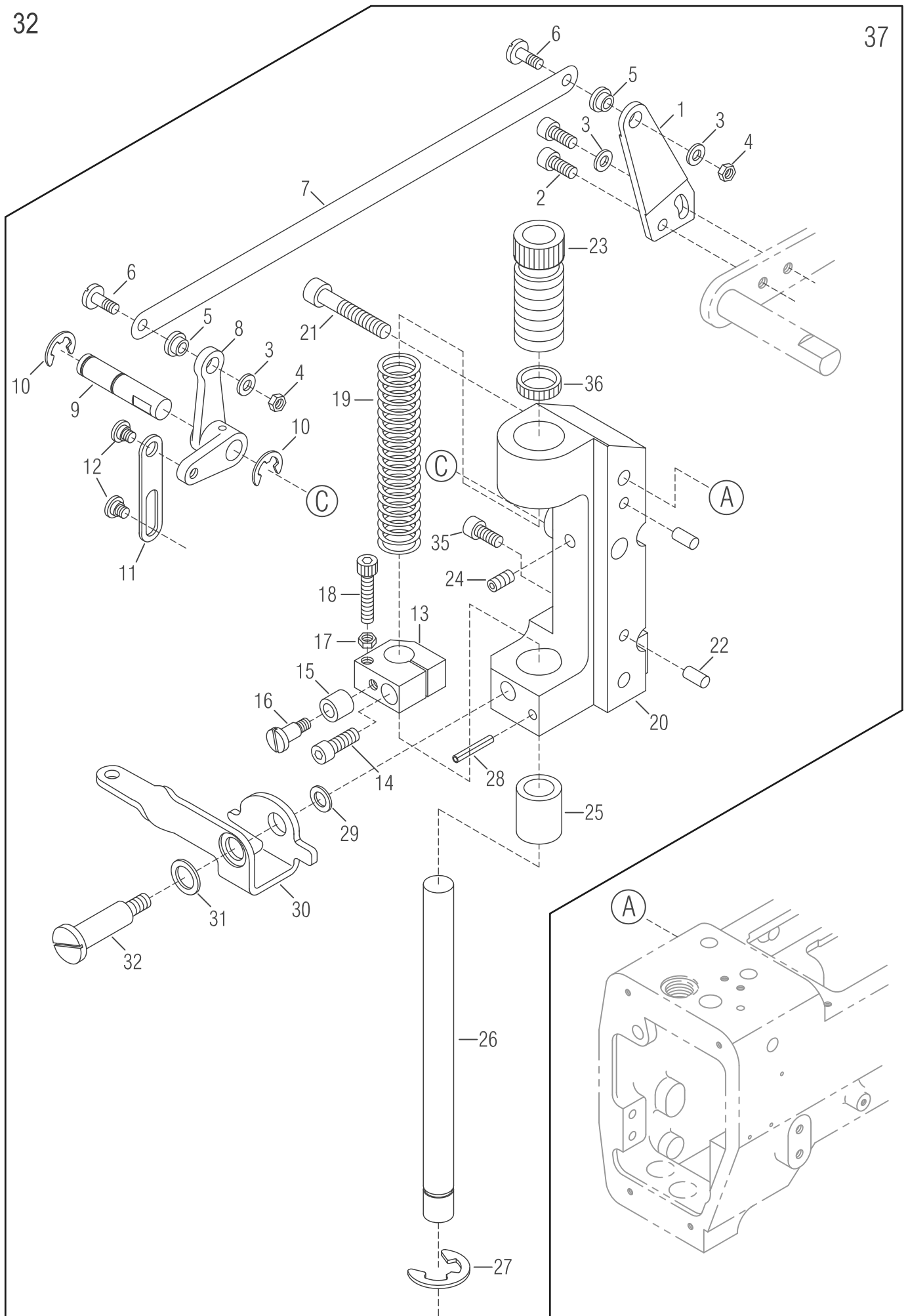


REAR PULLER MACHANISM (1) R500/RP

後拖引輪機構 (1)

31

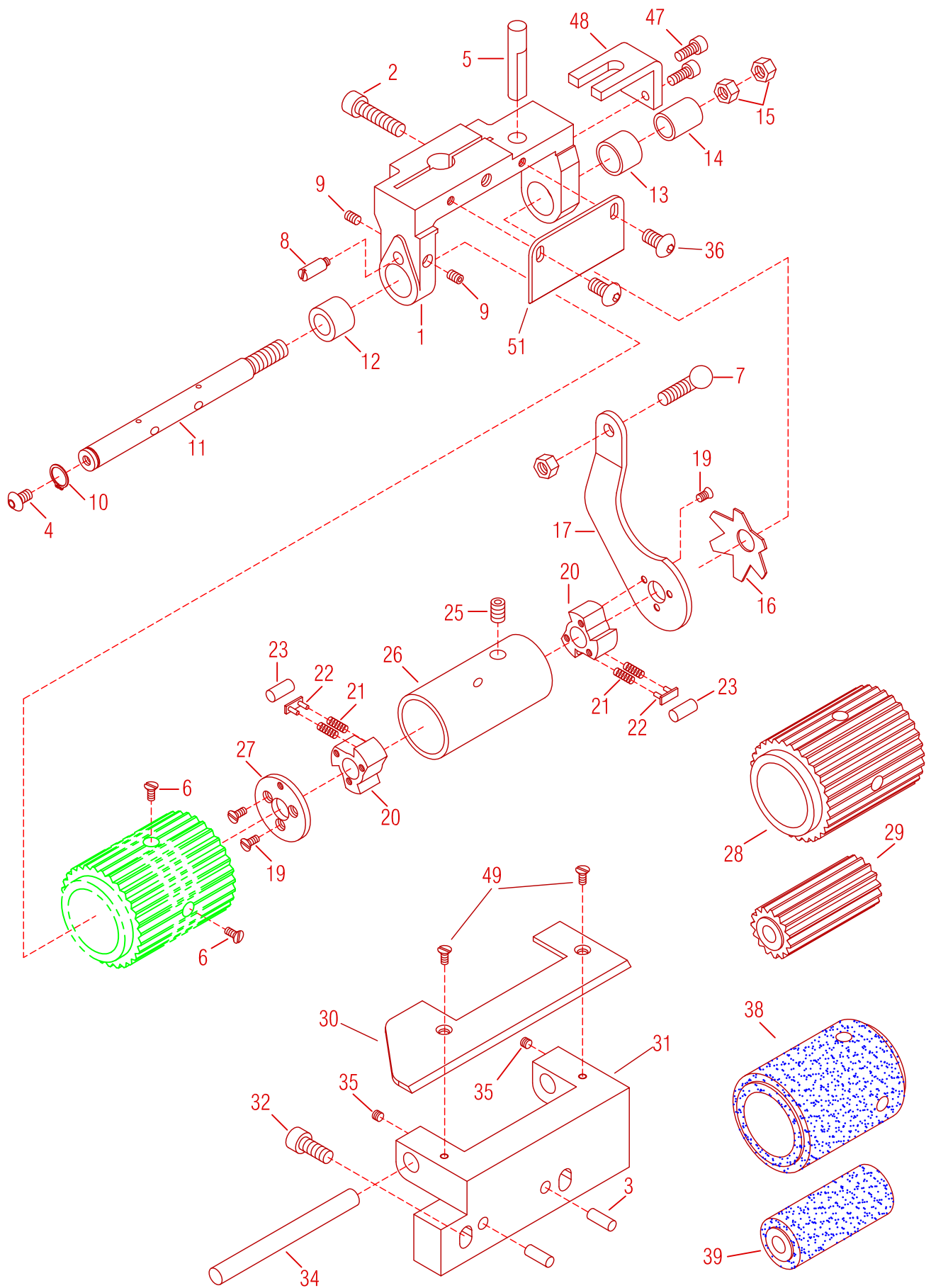
Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N3101	Upper Feed Rollar Shaft Bracket	後托引輪傳動座	1
2	N3102	Seal Cushion	密合墊片	1
3	N3103	Knock Pin	頂出銷	2
4	N3104	Seal Plug	封塞	1
5				
6	N3106	Upper Feed Rollar Shaft Lever	主軸驅動槓桿傳動	1
7	SF240	Screw (M6 - 1 × 6)	螺絲	2
8	N3108	Upper Feed Rollar Shaft Collar	定位環	1
9	SV250	Screw (M5 - 0.8 × 5)	螺絲	2
10	N3110	Roller Shaft Bushing (Left)	套管(左)	1
11	N3111	Oil Seal	油封	1
12	N3112	Upper Feed Roller Shaft	傳動軸	1
13	N3113	Rollar Shaft Bushing (Right)	套管(右)	1
14	N3114	Upper Feed Roller Lever	可調式拉柄	1
15	GA29	Screw (M6 - 1 × 20)	螺絲	1
16	N3116	Upper Feed Roller Lever Pin	可調式拉柄插銷螺絲	1
17	N3117	Upper Feed Roller Lever Rod Sleeve	套筒	1
18	WF07	Washer	墊片	1
19	J1225	Nut	螺帽	2
20				
21	M1220	Screw	螺絲	4
22	J0808	Screw (9/64 × 11)	螺絲	2
23				
24	N3124	Upper Feed Roller Driving Rod Pin	驅動連桿插銷	1
25	SF228	Screw (M4 - 0.7 × 4)	螺絲	1
26	N3126	Upper Feed Roller Driving Rod	上滾輪驅動連桿	1
27	VK06	Retaining Ring	扣環	1
28	VK07	Roller Bearing	滾針軸承	1
29				
30	N3130	Upper Feed Roller Eccentric	上滾輪偏心輪	1
31	D1927	Upper Feed Roller Regulator	上滾輪調節器	1
32	SV264	Screw (M6 - 1 × 8)	螺絲	2
33	D1928	Adjusting Screw	調節螺絲	1
34	SF225	Screw (M4 - 0.7 × 10)	螺絲	1
35				
36	N3136	Upper Feed Roller Set	傳動拉柄組	1
37	N3137	Upper Feed Rotter Regulator, Complete Set	上滾輪可調式組	1
38	N3138	Upper Feed Roller Driving Set	上滾輪傳動托架組	1
39	N3139	Upper Feed Roller Lever Rod	魚眼連桿組	1
40	N3140	Connection Rod, Complet Set	連接桿	1
41	N3141	Driving Lever	珠球	1



REAR PULLER MACHANISM (2) R500/RP**後拖引輪機構 (2)**

32

Ref. No.	Parts No.	Description	產 品 名 稱	Amt . Req .
1	N3201	Upper Feed Roller Lifter (Right)	上滾輪提升柄	1
2	SF224	Screw (M4 - 0.7 * 10)	螺絲	2
3	WF04	Washer	華司	4
4	NF12	Nut	螺帽	2
5	N3205	Fixiable Wire Clamp Bushing	可動式襯套	2
6	N3206	Screw	螺絲	2
7	N3207	Lifter Connecting Plate	提升連接拉桿	1
8	N3208	Upper Feed Roller Lifter (Left)	滾輪提升柄	1
9	N3209	Upper Feed Roller Lifter Pin	提升柄軸	1
10	H1132	Retaining Ring	扣環	2
11	N3211	Lifter Connecting Plate	提升連接柄	1
12	SF134-1	Screw	螺絲	2
13	N3213	Roller Press Bar Bracket	壓簧托架	1
14	SV253	Screw (M5 - 0.8 × 16)	螺絲	1
15	N3215	Lifting Lever Sleeve	提升滾輪	1
16	N3216	Screw	螺絲	1
17	NF27	Nut	螺帽	1
18	SV236	Stop Screw (M4 ×0.5×25)	止動螺絲	1
19	N3219	Roller Press Spring	滾輪壓力簧	1
20	N3220	Upper Feed Roller Bracket	上滾輪托架座	1
21	M1220	Screw	螺絲	2
22	N3103	Knock Pin	頂出銷	2
23	N3223	Roller Press Bar Bushing (Upper)	壓力調節椿	1
24	SF260	Screw (M6 - 1 * 5)	螺絲	1
25	N3225	Roller Press Bar Bushing (Lower)	銅套	1
26	N3226	Upper Feed Roller Press Bar	滾輪支架軸	1
27	J3623	Retaining Ring	扣環	1
28	N3228	Stop Pin	止動銷	1
29	N3229	Washer	墊片	1
30	N3230	Upper Feed Roller Lifting Level	上滾輪提升臂	1
31	N3231	Conical Washer	錐形彈簧墊片	1
32	N3232	Screw	螺絲	1
35	GK03	Screw (M6 -1 × 14)	螺絲	1
36	N3236	Lock Nut	調節螺帽	1
37	N3237	Upper Feed Roller Bracket, Complete Set	上滾輪托架組	1



REAR PULLER MACHANISM (3)

後拖引輪機構 (3)

33

Ref. NO.	Parts NO.	Description	零 件 名 稱	Amt. Req.
1	N3301	Upper Feed Roller Yoke	上滾輪支架	1
2	SF243	Screw	螺絲	1
4	MHE080	Screw (M5 - 0.8 × 8)	螺絲	1
5	N3305	Upper Feed Roller Yoke Pin	支架固定銷	1
6	SF116	Screw (9/64 - 40)	螺絲	6
7	N3141	Screw	螺絲	1
8	N3308	Screw	螺絲	1
9	M1102	Screw (M4 - 0.7 × 6)	螺絲	2
10	H1132	Retaining Ring	扣環	1
11	N3311	Clutch Driving Shaft	傳動軸	1
12	N3312	Clutch Driving Shaft Bushing (Left)	傳動軸襯套(左)	1
13	N3313	Clutch Tension Sleeve	張力套筒	1
14	N3314	Clutch Driving Shaft Bushing (Right)	傳動軸襯套(右)	1
15	15-36	Nut	螺帽	2
16	N3316	Clutch Tension Spring	張力壓簧	1
17	N3317	Clutch Driving Lever	離合器驅動拉柄	1
18				
19	GG14	Screw (SM9/64-40 *7.5)	螺絲	6
20	D1919	Clutch	單轉三角塊	2
21	D1917	Spring	彈簧	12
22	D1916	Clutch Spring Seat	彈簧固定器	6
23	D1915	Clutch Roller	止推軸	6
24				
25	SV264	Screw (M6 - 1 × 8)	螺絲	1
26	N3326	Clutch Sleeve	離合器套筒(外)	1
27	N3327	Clutch Check Plate	三角塊固定板	1
28	F1705	Upper Feed Roller	傳動尖齒輪(上)	1
29	F1707	Lower Feed Roller	被動尖齒輪(下)	1
30	N3330		輔助板	1
31	N3331	Lower Feed Roller Support	下滾輪托架	1
32	GL16	Screw (M6 - 1 × 12)	螺絲	2
33	N3103	Knock Pin	頂出銷	2
34	N3334	Lower Feed Roller Shaft	滾輪軸	1
35	SF228	Screw (M4 - 0.7 × 4)	螺絲	2
36	SV235	Screw (M4 - 0.7 × 8)	螺絲	2
38	36-381	Upper Feed Roller (Rubber Type)	橡膠平面傳動滾輪(上)	1
39	36-39	Lower Feed Roller (Rubber Type)	橡膠平面被動滾輪(下)	1
40				
46				
47	SV221	Screw(M4 - 0.7 × 8)	螺絲	3
48	N3348	Upper Feed Roller Yoke Pin Guide	傳動輪定位導板	1
49	SV211	Screw	螺絲	2
50				
51	N3351		導板	1

SL-703-GX-452/460/DS/PLA/VD

4-needle 6-thread feed-off-the-arm Interlock Flatseaming Machine with dual differential feed ratio regulator
手背型四針六線併縫機(附雙差動送布齒裝置)



SL-2700-AST/EST

Feed-up-the-arm Interlock Machine with Compact Servo Motor and Thread Trimmer
縱筒型三針五線雙面飾綳縫機



SL-2800-356/SM

Feed-up-the-arm Interlock Machine with Compact Servo Motor and Thread Trimmer
縱筒型三針五線雙面飾綳縫機



VG-999ES-AST-TF-DS

Extremely-Small Cylinder-bed Interlock Machine with Thread Trimmer and Top Feeder
超細筒型三針五線雙面飾綳縫機



VG-888S-TF-AST

Small Cylinder-bed Interlock Machine with Thread Trimmer and Top Feeder
細筒型三針五線雙面飾綳縫機(附上送裝置)



VG-888A-TF/AST

Top Feeder for 3-needle 5-thread Cylinder-bed Interlock Machine
橫筒型三針五線雙面飾綳縫機(附上送裝置)



VG-999S-N700-AST-TF-DS

Small Cylinder-bed Interlock Machine with Left hand Knife and Top Feeder for Hemming
細筒型三針五線雙面飾綳縫機(附左修刀)



VG-888A-N600-TF/AST

Interlock Machine with Left-hand Knife and Thread Trimmer for Hemming
橫筒型附左修刀雙面飾綳縫機



SL-1790S

Computer-controlled High-speed Lockstitch Buttonholing Machine
高速電子平頭鎖眼機



VG-999-SB-AST/EST-DS

High-speed Short Cylinder-bed Interlock Machine with Thread Trimmer
短筒型三針五線雙面飾綳縫機



VG-999-R500-AST-RP

Interlock Machine with Right-hand Knife and Rear Puller for Elastic Waistband Attaching
高速橫筒型三針五線附右修刀雙面飾綳縫機



VG-999-356/EST/DS/ZBR

Dual Colors Decorative Stitches Interlock Machine with Top and Under Thread Trimmer
高速橫筒型三針五線雙色上飾綳縫機

