



SHING LING®
星菱牌工業用縫紉機
INDUSTRIAL SEWING MACHINE



SL-2800

縱筒型三針五線雙面飾綳縫機

Feed-up-the-arm 3-needle 5-thread Interlock Machine with
Compact Servo Motor and Automatic Thread Trimmer



零件手冊 Spare Parts Book

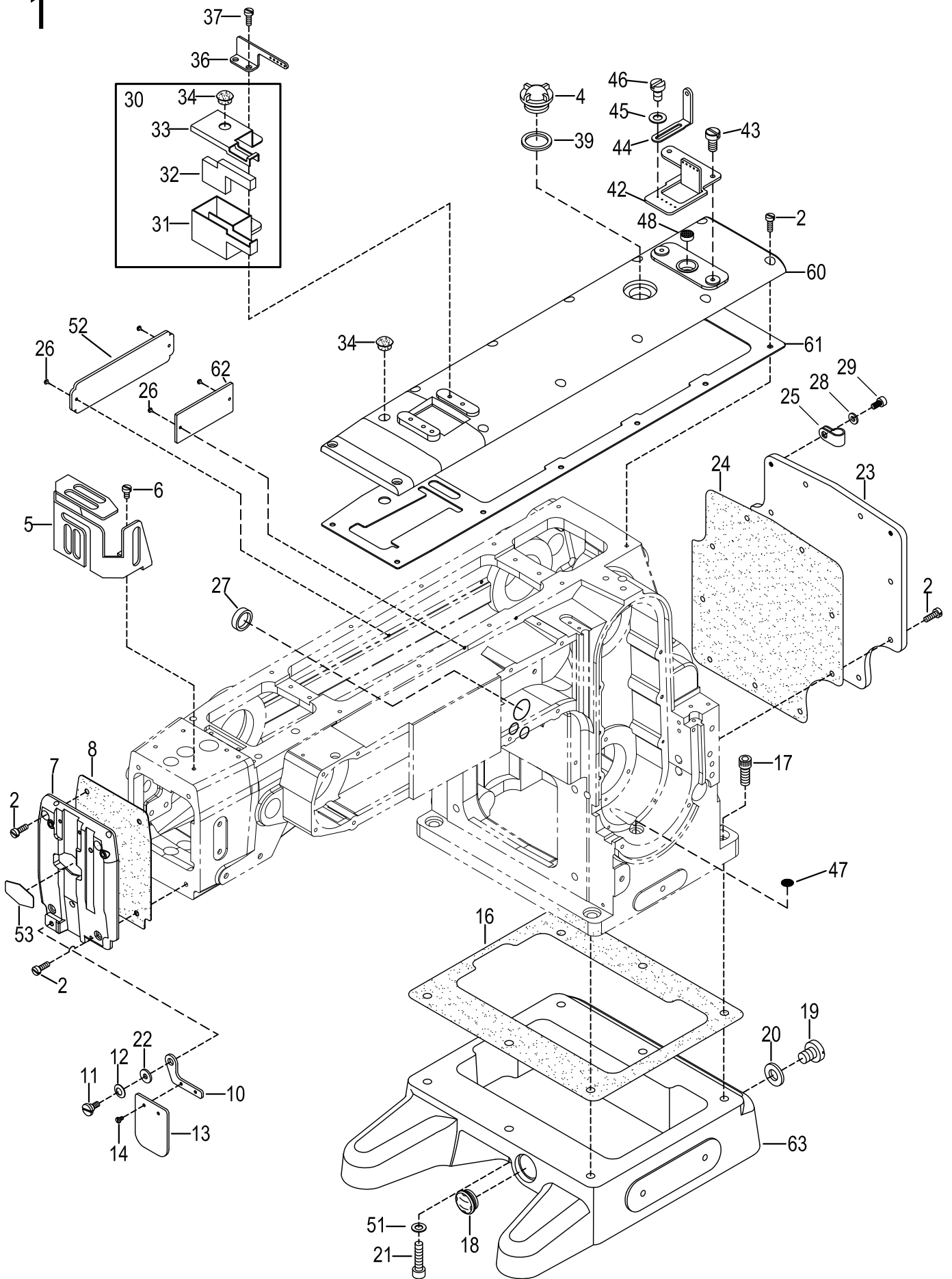


星菱縫機股份有限公司
SHING LING SEWING MACHINE CO., LTD.
CE ISO 9001:2008/CNS 12681



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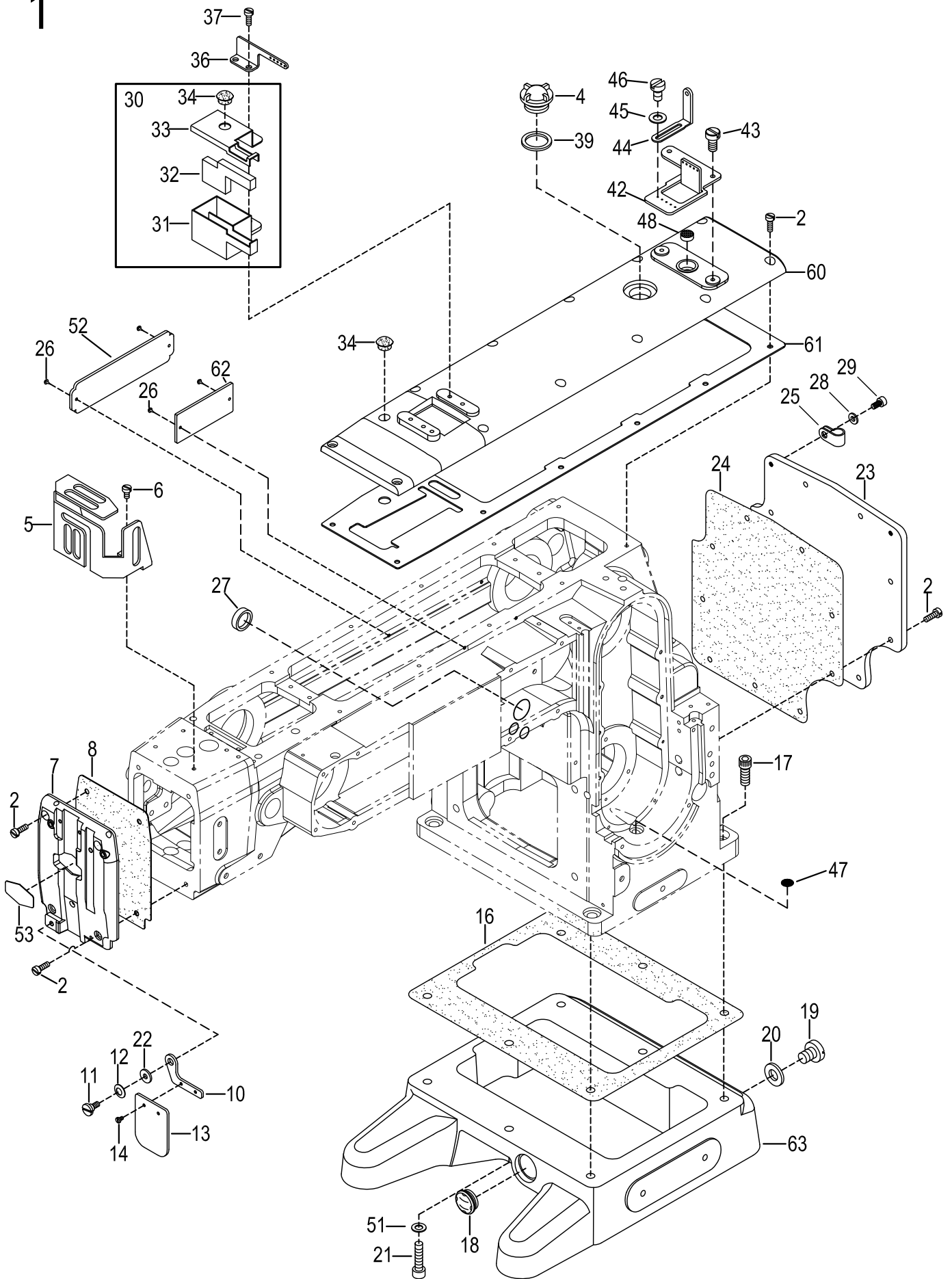
MISCELLANEOUS COVERS (1)

機殼及外蓋(1)

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				1
2	SV222	Screw(M4-0.7×12)	螺絲	25
3				
4	FA21-A	Oil Sight Window	油鏡	1
5	L0105	Needle Bar Guard	針柱護罩	1
6	GJ36	Screw(M4-0.7×5.8)	螺絲	2
7	L0107-1	Head Cover	面蓋	1
8	L0108	Head Cover Gasket	防油墊片	1
9				
10	L0110	Eye Guard Holder	護目鏡之架	1
11	L0111	Screw(M4-0.7×7)	螺絲	1
12	L0112	Wave Washer	墊片	1
13	L0113	Eye Guard	護目鏡片	1
14	SV104	Screw(3/32-56×5)	螺絲	2
15				
16	L0116	Oil Reservoir Gasket	止油墊片	1
17	SF251NI	Screw(M8-1.25×20)	螺絲	5
18	L0118	Oil Gauge	油槽鏡	1
19	SF160	Drain Hole Screw(3/8-24×12)	螺絲	1
20	RF25	O-ring(P10)	O型油環	1
21	SF243NI	Screw(M6-1×25)	螺絲	1
22	GB24	Washer	墊片	2
23	L0123-1	Rear Cover	後蓋	1
24	L0124	Rear Cover Gasket	防油墊片	1
25	1M204	Plastic Clamp(Optional)	塑膠固定夾(選配)	1
26	FA11	Rivet	鉚釘	4
27	L0218	Seal Plug	油封	1
28	WF04-1	Washer (Optional)	墊片(選配)	1
29	SF224NI	Screw(M4-0.7×8)(Optional)	螺絲(選配)	1
30	L0130	SP Device, C. Set	矽油盒(組)	1
31	L0131	SP Container	矽油槽	1
32	L0132	SP Felt	氈墊	1
33	L0133	SP Container Cover	矽油蓋	1
34	RV09-1	Seal Plug	膠塞	2
35				
36	L0136	SP Eyelet	過線片	1
37	SF220	Screw(M4-0.7×10)	螺絲	2
38				
39	FA22	Seal Plug	油封	1
40				

* Ref. No. 41 to 63 See the following page

1



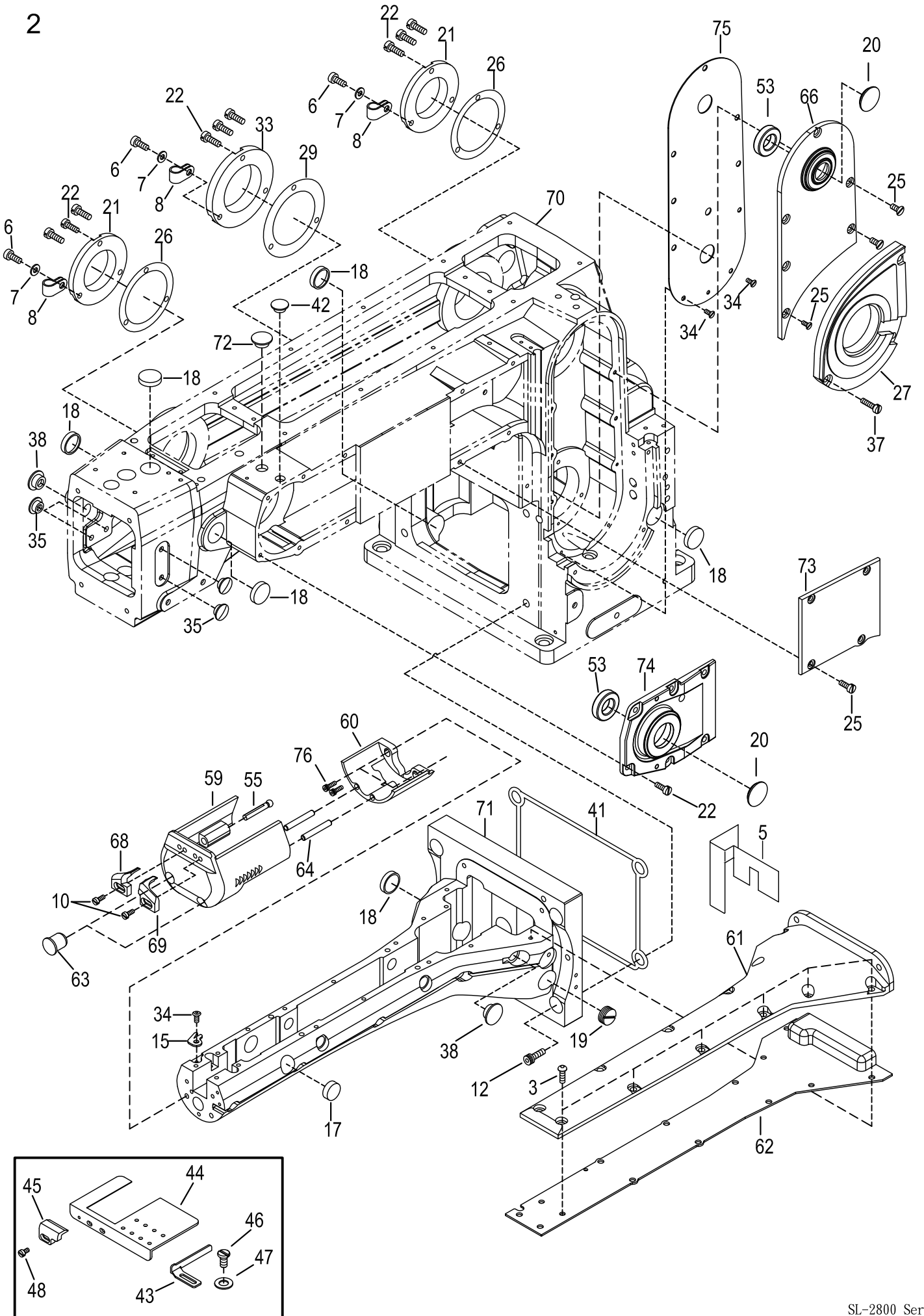
MISCELLANEOUS COVERS (1)

機殼及外蓋(1)

Ref. No.	Parts No.	Description	產 品 名 稱	1 Amt. Req.
41				
42	L0142	Need Thread Eyelet	導線過線架	1
43	SV221	Screw(M4-0.7×8)	螺絲	2
44	L0144	Thread Eyelet Support	導線支柱	5
45	L0145	Washer	墊片	5
46	L0146	Screw(M2-0.4×3.5)	螺絲	5
47	GA42	Oil Filter Screen	過濾網	1
48	L0148	Oil Filter Screen	過濾網	1
51	VB24	Washer	墊片	1
52	L0208	Serial Number Plate	銘牌	1
53	J0460	Emblem	名牌	1
60	LL0160	Top Cover	上蓋	1
61	LL0161-2	Top Cover Gasket	防油墊片	1
62		Model Plate	機號銘牌	1
63	LL0163-3	Oil Reservoir	油槽	1

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

2



MISCELLANEOUS COVERS(2)

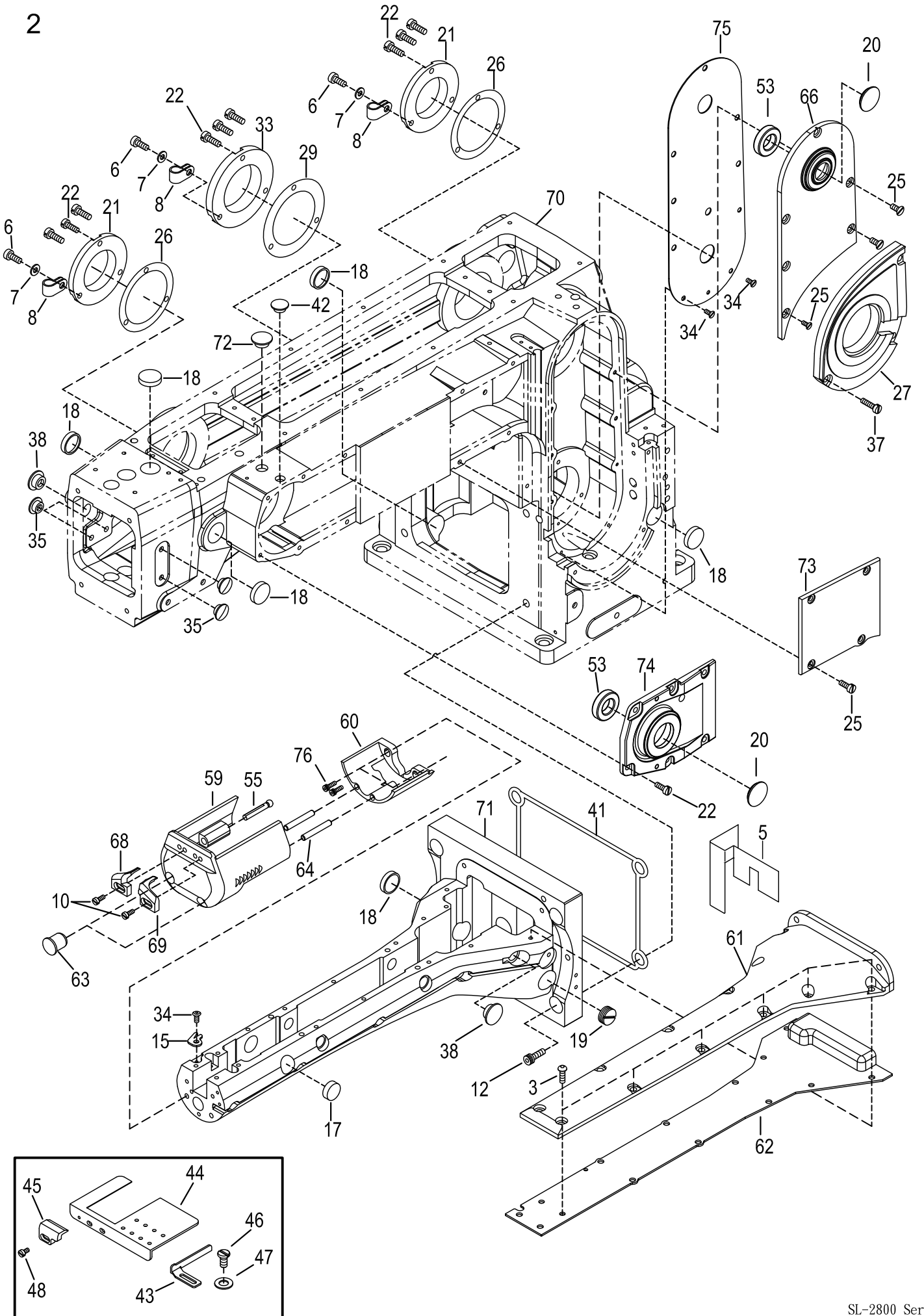
機殼及外蓋(2)

2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				
2				
3	LL0203	Screw(M4-0.7×14)	螺絲	12
4				
5	L0205	Cylinder Oil Defender	防油蓋	1
6	SF224Ni	Screw(M4-0.7×8)(Optional)	螺絲(選配)	3
7	WF04	Washer (Optional)	墊片(選配)	3
8	FL23	Plastic Clamp(Optional)	塑膠固定夾(選配)	3
9				
10	SF113	Screw(SM9/64-40*6)	螺絲	2
12	L0212Ni	Screw(M8-1.25×22)	螺絲	4
13				
14				
15	L0215-4	Thead Chain Cutting Knife	割線刀	1
17	GD22-1	Seal Plug	油封	1
18	L0218	Seal Plug	油封	7
19	L0219	Plug Screw(M14-1×4.5)	螺絲	1
20	L0220B	Head Cover Seal Plug	膠塞(大)	2
21	L0221	Bearing Cover(Smail)	培林蓋(小)	2
22	SV232	Screw(M4-0.7×10)	螺絲	19
23				
24				
25	GB37	Screw(M4-0.7×10)	螺絲	6
26	L0226-1	Bearing Cover(Smail) Gasket	止油墊片	2
27	L0227	Vertical Belt Cover(Lower)	縱向皮帶蓋(下)	1
28				
29	L0229	Bearing Cover(Large) Gasket	防油墊片	1
33	L0233-1	Bearing Cover	培林蓋	1
34	L0234	Screw(M3-0.5×6)	螺絲	4
35	L0235	Seal Plug	油封	4
37	SF220-1	Screw(M4-0.7×16)	螺絲	3
38	RF10-1	Seal Plug	油封	2
41	L0241	Seal Plug	下座油封	1
42	RF08	Seal Plug	油封	1
43	L0243-1	Width Aadjuster	可調檔邊	1
44	LL0244	Folder Stand(Standard)	折下擺固定座 (標準型)	1
45	L0245	Fabric Edge Guide (Left)	左檔邊	1
46	GW15	Screw(M3-0.5×5)	螺絲	2
47	WF04	Washer	墊片	2
48	SV208	Screw(M3 X 0.5-4.4)	螺絲	1
53	VF19	Ball Bearing 6202ZZ(φ 35x φ 15x11)	滾珠培林(大)	2
55	LL0255	Guide Fork	球椿	1
58				
59	LL0259	Cylinder Front Cover	縱筒前蓋	1
60	LL0260	Cylinder Front Cover	縱筒前蓋(小)	1

* Ref. No. 61 to 76 See the following page

2



MISCELLANEOUS COVERS(2)

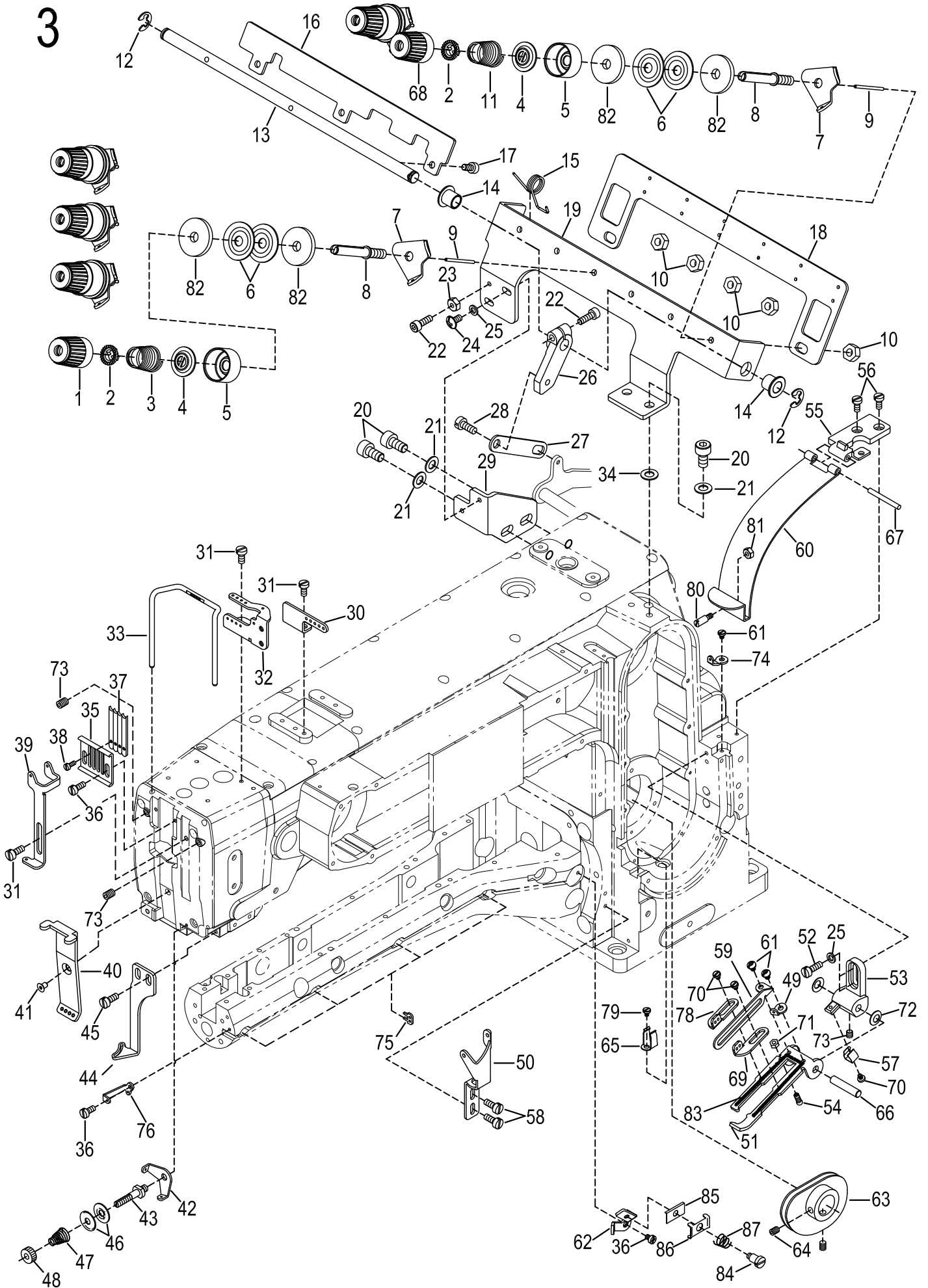
機殼及外蓋(2)

2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
61	LL0261-2	Cylinder Top Cover(Standard)	縱筒上蓋(標準型)	1
62	LL0262	Cylinder Top Cover (Inner)(Standard)	縱筒上蓋(內側)(標準型)	1
63	RF06-1	Seal Plug	封塞	2
64	LL0264	Pin	針狀軸承	2
66	L0266	Vertical Belt Cover(Upper)	縱向皮帶蓋(上)	1
68	LL0268	Fabric Guide(Left)	導布器(左)	1
69	LL0269	Fabric Guide(Right)	導布器(右)	1
70	LL01001-3	Machine Frame Unit	機殼	1
71	LL02101-5	Lower Arm Frame	下座	1
72	L0159	Seal Plug	膠塞	1
73	LL0273	Lateral Belt Cover	橫向皮帶蓋(右)	1
74	LL0274-1	Lateral Belt Cover	橫向皮帶蓋(左)	1
75	L0264-1	Bearing Plate(Large)	培林片(大)	1
76	SF230	Screw(M5 × 0.8 - 12)	螺絲	2

*Ref.No. 1 to 60 See the preceding page.

3



MISCELLANEOUS THREAD EYELETS

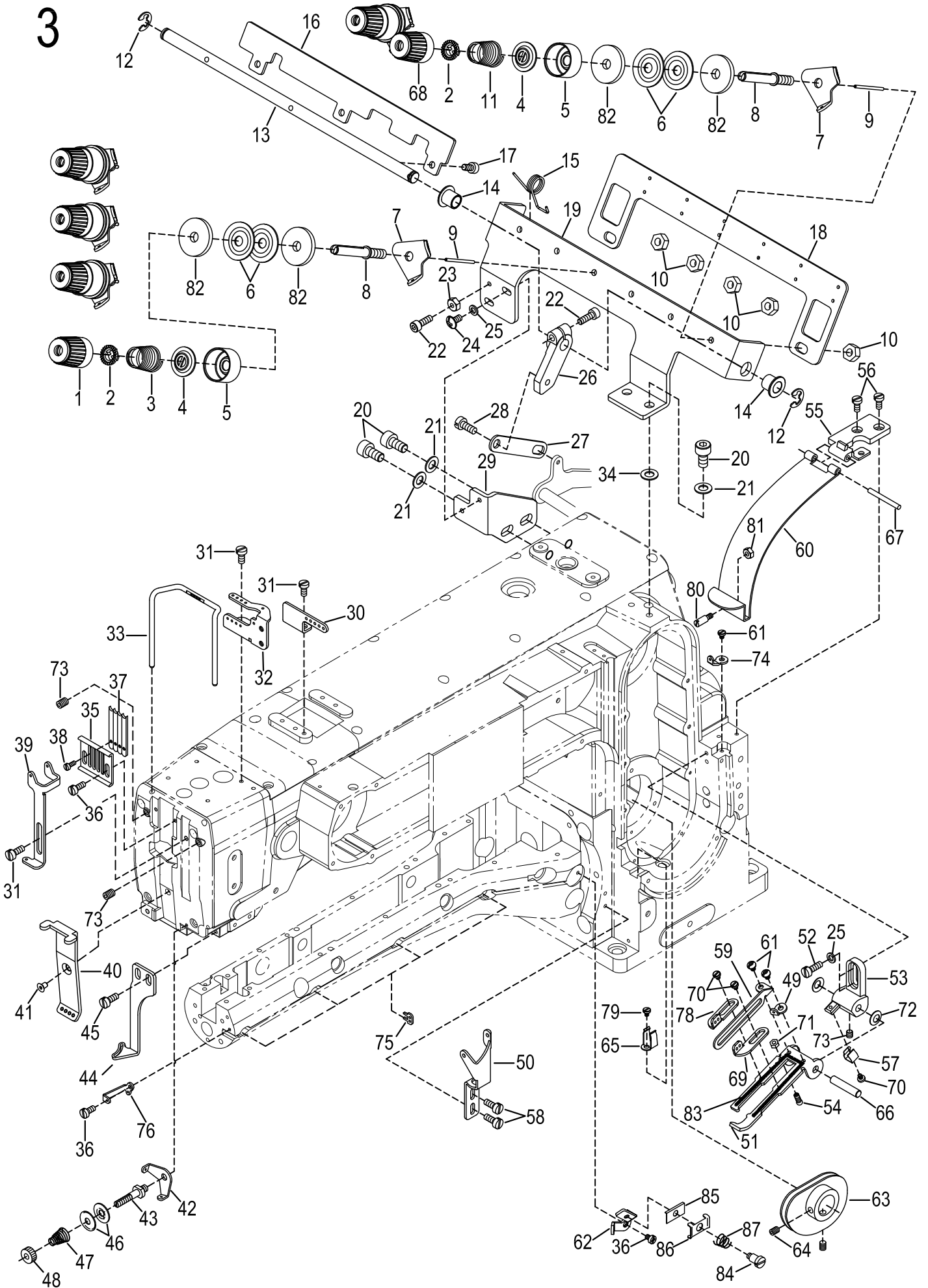
過線裝置及附件

3

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	FK20-1	Thread Thesion Spring Cap	張力調整鈕(藍)	4
2	FK19	Tension Spring Bushing	彈簧套管	6
3	VC03	Tension Spring (Needle)	張力彈簧(針)	4
4	L0304	Tension Spring Lift Washer	墊片	6
5	FJ21	Thread Tension Spring Retainer	彈簧固定座	6
6	FK14	Tension Disc	張力盤	12
7	L0307	Tension Disc Eyelet	過線片	6
8	L0308-1	Tension Post	彈簧支柱	6
9	L0309	Tension Disc Separator Pin	分離銷	6
10	NF31	Nut	螺帽	6
11	VC05	Tension Spring(Looper)	張力彈簧(下勾針)	2
12	GK13	Retaining Ring	扣環	2
13	L0313	Tension Release Shaft	鬆線棒	1
14	L0314	Tension Release Bushing	鬆線套管	2
15	L0315	Return Spring	彈簧	1
16	L0316-1	Tension Disc Separator	鬆線滑板	1
17	SF224	Screw(M4-0.7×8)	螺絲	3
18	L0318	Thread Guide Plate	導板	1
19	L0319	Tension Post Support	張力支柱座	1
20	GL16Ni	Screw(M6-1×12)	螺絲	4
21	WF06	Washer	墊片	4
22	SF225Ni	Screw(M4-0.7×10)	螺絲	2
23	NF27Ni	Nut	螺帽	1
24	MFM080	Screw(M4-0.7×8)	螺絲	2
25	WF04	Washer	墊片	4
26	L0326	Tension Release Lever	鬆線曲柄	1
27	L0327	Tension Release Lever Connector	曲柄連接片	1
28	L0328	Screw(M5-0.8×5.4)	螺絲	2
29	L0329	Connecting Plate	張力連接板	1
30	L0330	Needle Thread Eyelet(Rear)	針線過線器(後)	1
31	GJ36	Screw(M4-0.7×5.8)	螺絲	5
32	L0332	Needle Thread Eyelet(Middle)	針線過線器(中)	1
33	L0333-1	Needle Thread Eyelet(Front)	針線過線器(前)	1
34	15-38	Washer	墊片	2
35	L0335	Holder	針線固定片	1
36	GK08	Screw(M3-0.5×6)	螺絲	5
37	L0337	Needle Thread Strike-off Pin	銷	4
38	18-19	Screw(M2-0.4×3.8)	螺絲	4
39	L0339	Top Cover Thread Take-up Eyelet	上飾線揚線過線片	1
40	L0340-2	Needle Thread Guide	針線導板	1
41	MFS045	Screw(M4-0.7×4.5)	螺絲	1
42	VC46	Supplementary Thread Guide	上飾線輔助導板	1
43	L0343-1	Tension Post	上飾線張力調整組支柱	1

* Ref. No. 44 to 87 See the following page

3



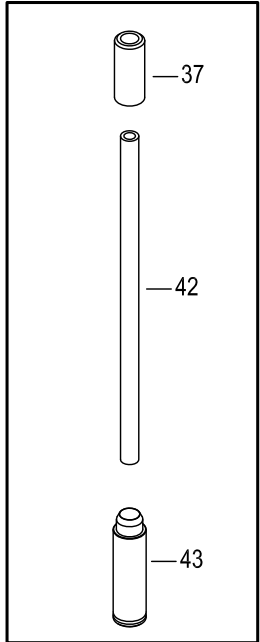
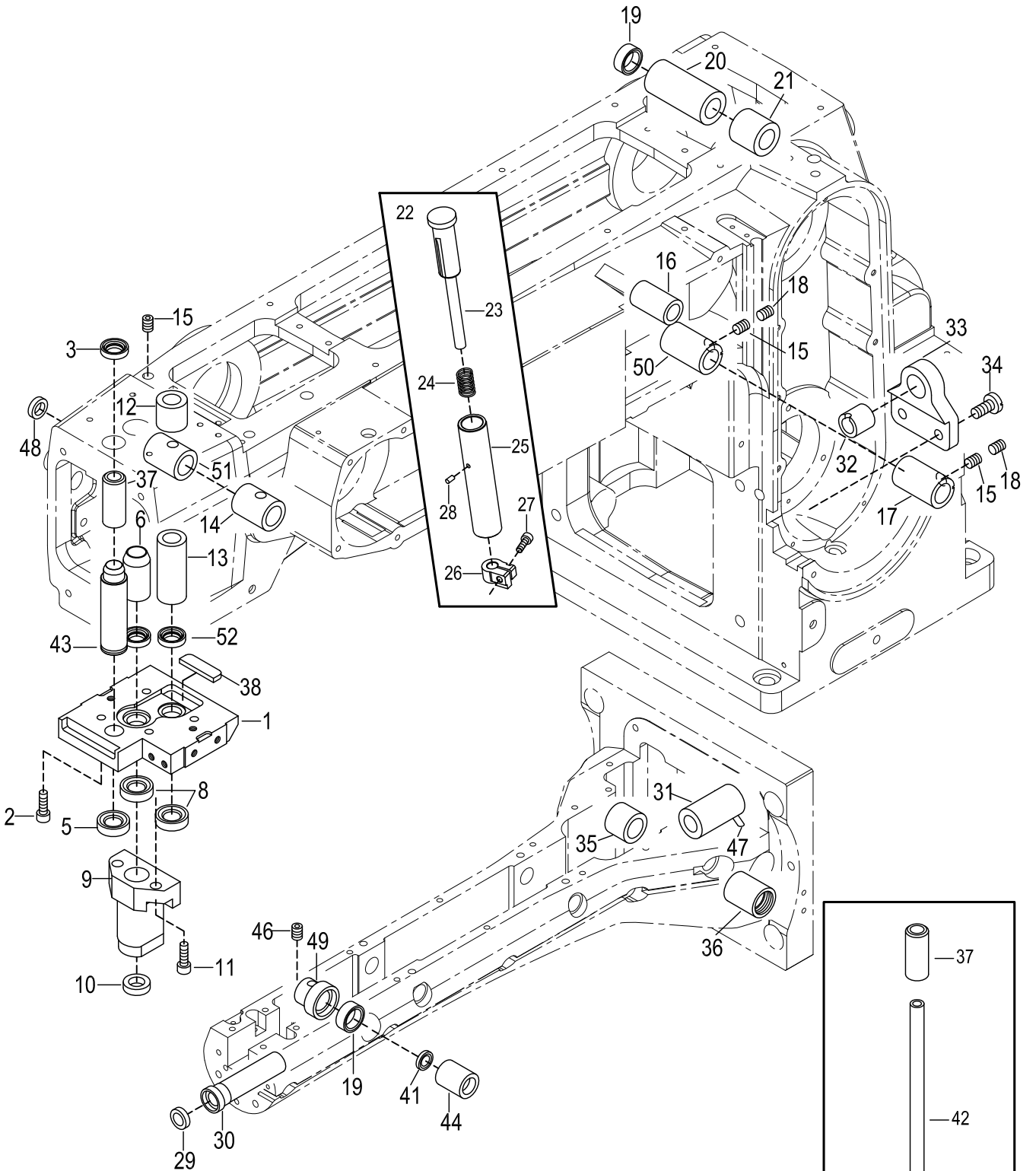
MISCELLANEOUS THREAD EYELETS

過線裝置及附件

3

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
44	L0344-1	Top Cover Thread Guide	上飾線導板	1
45	GB37	Screw(M4-0.7×8)	螺絲	2
46	FC24	Top Cover Tension Disc(Small)	上飾線過線盤(小)	2
47	VC42	Top Cover Tension Spring	彈簧	1
48	L0348	Nut	螺帽	1
49	VJ08	Looper Thread Eyelet	勾針過線片	1
50	L0350	Lower Frame Eyelet	下座底線過線	1
51	L0351	Take-up eyelet holder	提線托板	1
52	SV222	Screw(M4-0.7×12)	螺絲	2
53	L0353	Supporting Plare Base	提線托板座	1
54	L0354	Screw	螺絲	1
55	L0355-1	Cover Hinge	護蓋鉸板	1
56	SF116	Screw(SM9/64-40×9)	螺絲	1
57	L0357	Cover Latch Spring	夾簧	1
58	J0455-1	Screw(SM9/64-40×5.5)	螺絲	2
59	L0359	Casr-off plate	提線護蓋拖板	1
60	L0360-1	Take-up Cover	提線護蓋	1
61	SV210	Screw(M3-0.5×4)	螺絲	3
62	L0349-1	Thread Eyele	底線過線板	1
63	L036311	Looper Thread Take-up	下勾針提線輪	1
64	SF142	Screw(SM7/32-32×3.7)	螺絲	2
65	L0365	Cover Latch Spring	夾簧	1
66	L0366	Pin	銷	1
67	L0367-1	Pin	銷	1
68	FK20	Thread Thesion Spring Cap	張力調整鈕(紅)	2
69	FJ12	Thread Take-up Eyelet(Right)	提線板(右)	1
70	SV206	Screw(M2.5-0.45×3.5)	螺絲	3
71	NV11	Nut	螺帽	1
72	VB29-1	Conical Spring Washer	錐形彈簧墊片	2
73	SF228	Screw(M4-0.7×4)	螺絲	3
74	VJ08-1	Looper Thread Eyelet	勾針過線片	1
75	L0375	Looper Thread Eyelet(Middle)	勾針過線片(中)	4
76	L0376-2	Looper Thread Eyelet(Front)	勾針過線片(前)	1
77				
78	FJ14	Thread Take-up Eyelet (Left)	調線板(左)	1
79	MDA060	Screw(M3-0.5×6)	螺絲	1
80	16-30	Screw(M4-0.7×5)	螺樁	1
81	NF27	Nut	螺帽	1
82	FK12	Felt	氈墊	12
83	IM001	Laced wire	羊毛氈	1
84	M0724	Screw (M3-0.5)	螺絲	1
85	VC34	Thread Retainer Disc Support	小調子板	1
86	VC35	Needle Thread Retainer Disc	針線固定片	1
87	L0347	Tension Spring	針線張力彈簧	1

* Ref. No. 1 to 43 See the preceding page.



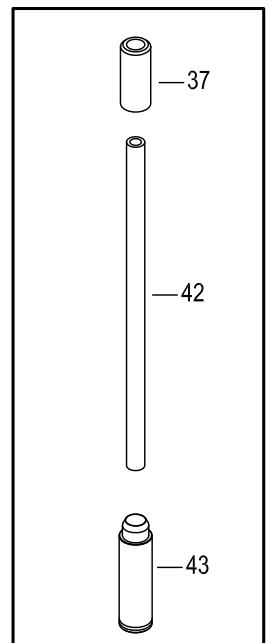
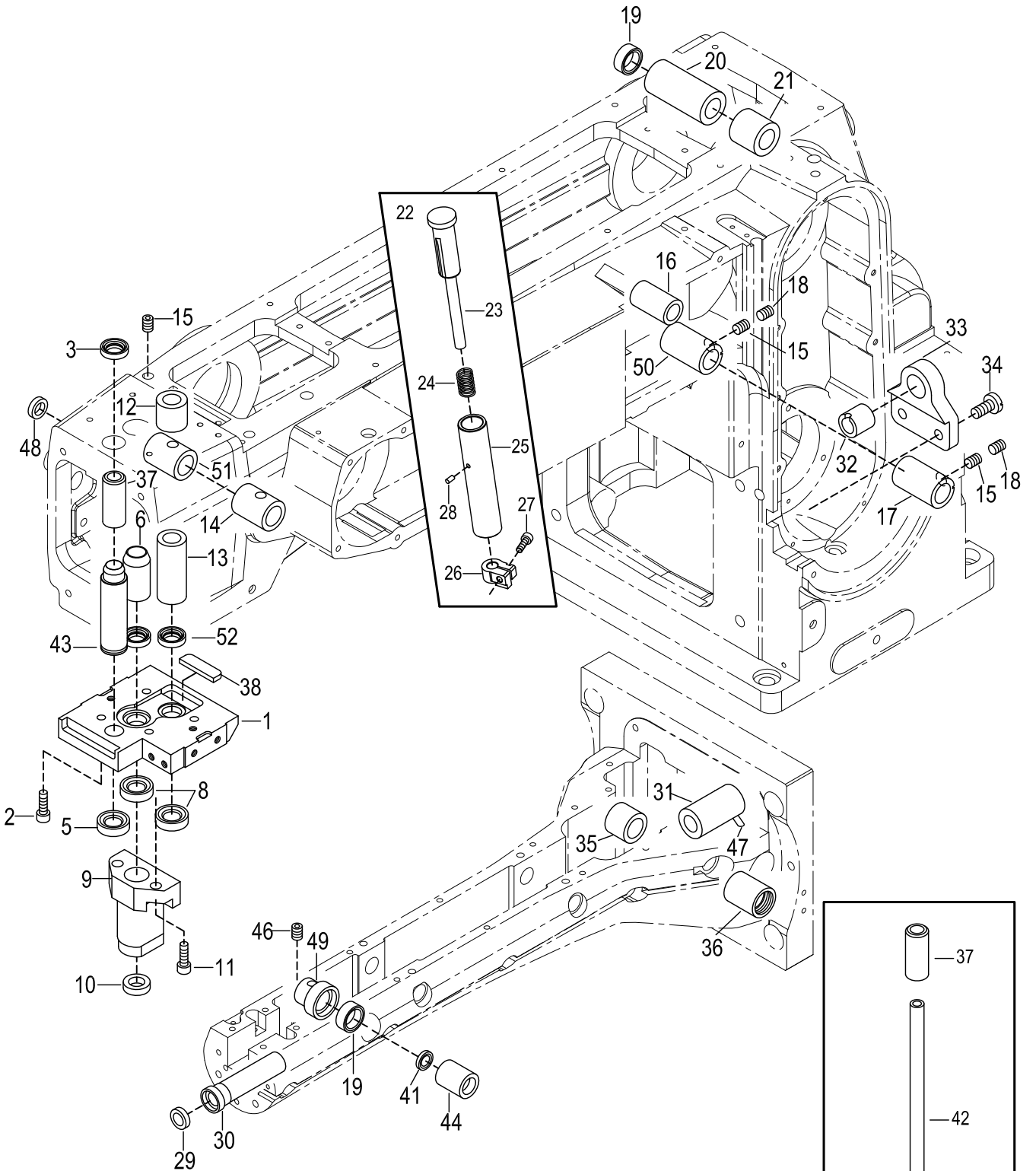
MISCELLANEOUS BUSHINGS

套管裝置

4

Ref. No.	Parts No.	Description	產品名稱	Amt. Req.
1	L0401-4	Needle Bar Oil Defender	針棒防油槽	1
2	SV223	Screw(M4-0.7×14)	螺絲	4
3	L0403	Oil Seal	油封	1
4				
5	N1048	Oil Seal	止油環	1
6	L0406-1	Presser Bar Bushing	押腳棒套管	1
7				
8	L0408	Oil Seal	油封	2
9	L0409-2	Presser Bar Guide(Lower)	押腳棒導管(下)	1
10	VD04	Oil Seal	油封	1
11	SF226Ni	Screw(M4-0.7×12)	螺絲	2
12	L0412	Spreader Shaft Bushing(Upper)	上勾針軸套管(上)	1
13	L0413-1	Spreader Shaft Bushing(Lower)	上勾針軸套管(下)	1
14	L0414-2	Needle Bar Rocking Shaft Bushing	針棒擺動套管	1
15	GL12	Screw(M5-0.8×8)	螺絲	3
16	L0416	Control Lever Shaft Bushing	控制桿套管	1
17	L0417-2	Looper Rocker Shaft Bushing(Right)	勾針擺動右套管	1
18	SV250	Screw(M5-0.8×5)	螺絲	2
19	N0422	Oil Seal	油封	2
20	L0420-2	Lifter Lever Bushing(Left)	押腳提升套管(左)	1
21	L0421-1	Lifter Lever Bushing(Right)	押腳提升套管(右)	1
22	L0422-1	Pushbutton, C. Set	按鈕組	1
23	L0423-2	Pushbutton Pin	按鈕銷	1
24	L0424-1	Pushbutton Spring	彈簧	1
25	L0425-1	Pushbutton Sleeve	按鈕套筒	1
26	LL0426	Stopper	針距止塊	1
27	SF225	Screw(M4-0.7×10)	螺絲	1
28	L0428-1	Spring Pin	φ2空心門	1
29	L0429	Oil Seal	油封	1
30	L0430	Looper Shaft Bushing(Front)	下勾針軸套(前)	1
31	L0431	Looper Shaft Bushing(Middle)	下勾針軸套管(中)	1
32	L0432	Looper Shaft Bushing(Rear)	下勾針軸套管(後)	1
33	L0433	Looper Shaft Bracket	下勾針軸支架	1
34	L0434	Screw(M5-0.8×10)	螺絲	2
35	L0435-2	Feed Bar Shaft Bushing(Left)	送料軸套管(左)	1
36	L0436	Feed Bar Shaft Bushing(Right)	送料軸套管(右)	1
37	L0437-4	Needle Bar Bushing (upper)	銅套(上)	1
38	L0438	Felt	羊毛氈	1
39				
40				

* Ref. No. 41 to 52 See the following page



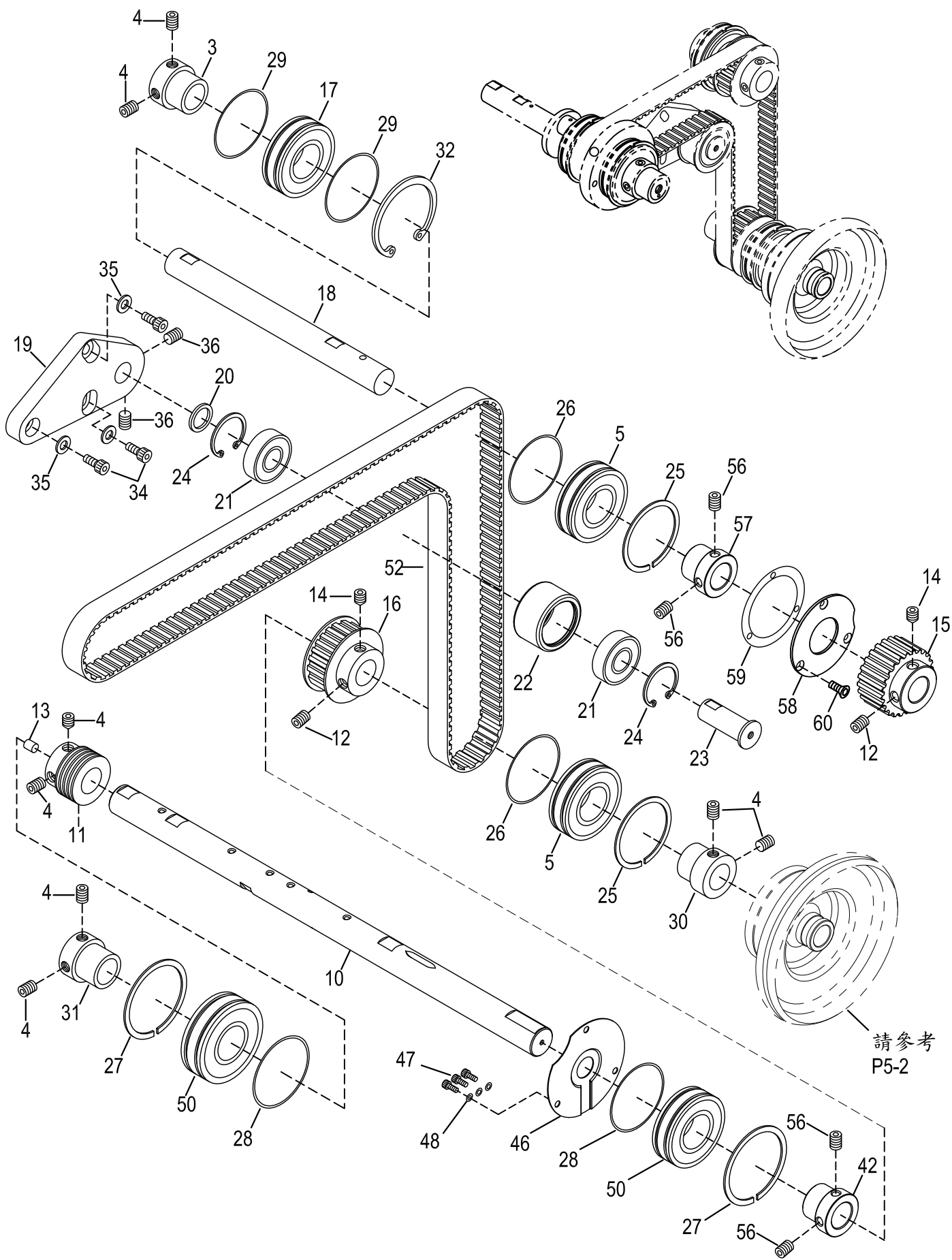
MISCELLANEOUS BUSHINGS

套管裝置

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
41	L0441	Oil Seal	油封	1
42	L0442-1	Needle Bar	針棒	1
43	L0443-5	Needle Bar Bushing (Lower)	銅套(下)	1
44	LL0444	Feed Bar Block(Front) Shaft(Left)	送料具前軸套管(左)	1
45				
46	SV227	Screw(M4-0.7×5)	螺絲	1
47	L0447	Tube	鐵管	1
48	D1716-1	Head Cover Seal Plug	膠塞	1
49	LL0449	Feed Bar Block(Front) Shaft(Right)	送料具前軸套管(右)	1
50	L0449-1	Looper Rocker Shaft Bushing(Left)	勾針擺動左套管	1
51	L0450	Needle Bar Rocking Shaft Bushing(Left)	針棒擺動套管(左)	1
52	L0452	Oil Seal	油封	2

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

5-1



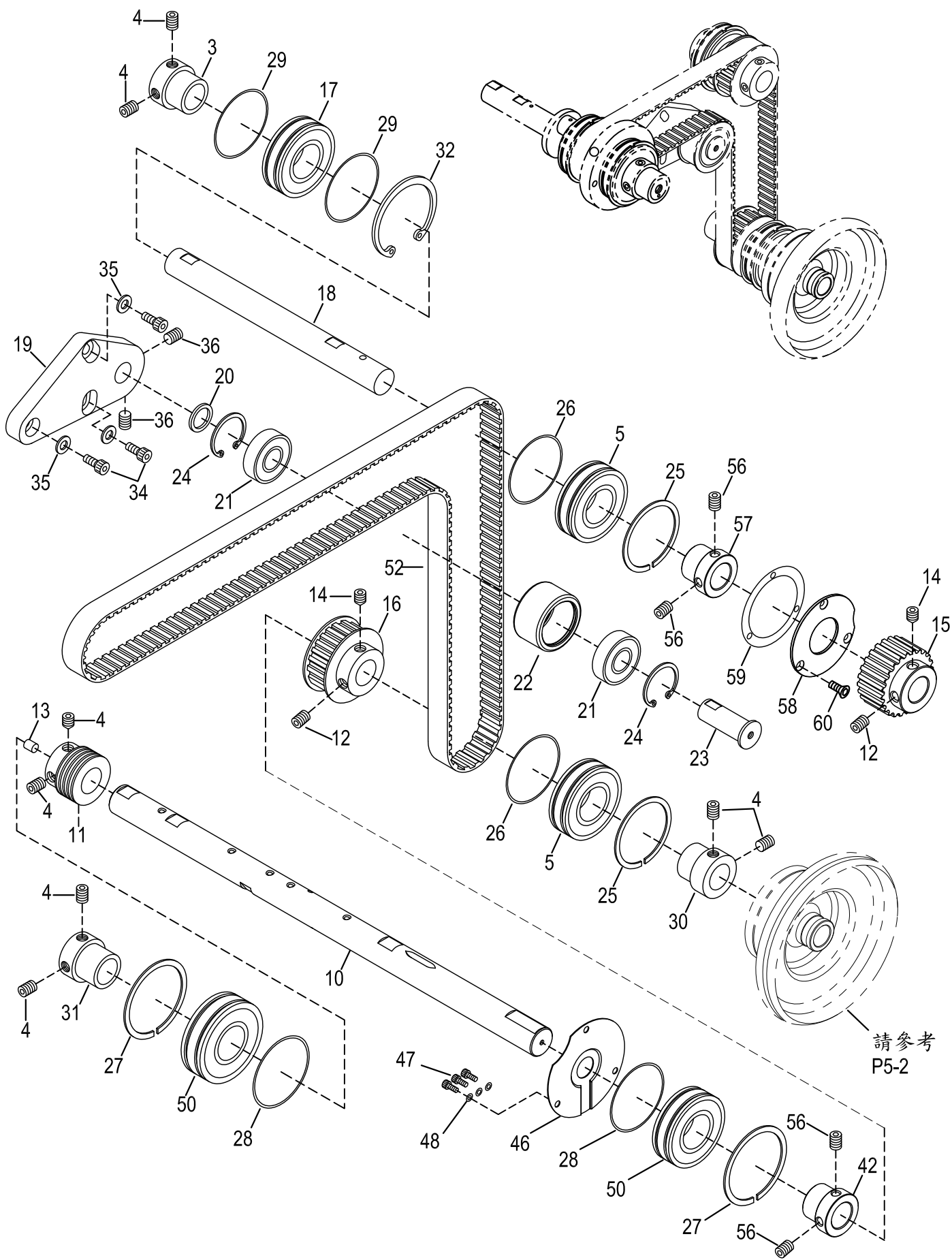
MISCELLANEOUS CRANKSHAFT

曲軸傳動機構

Ref. No.	Parts No.	Description	產 品 名 稱	5-1 Amt. Req.
1				
2				
3	L0503	Adapter	培林轉接器	1
4	SV260	Screw(M6-1×5)	螺絲	8
5	L0505	Ball Bearing(42×20)	滾珠培林	2
6				
7				
8				
9				
10	L0510-11	Main Shaft	主軸	1
11	L0511	Oil Pump Driving Worm	油泵傳動螺桿	1
12	SF240ET	Screw(M6-1×6)	螺絲	2
13	L0513	Seal Plug	止油封塞	1
14	MIR080	Screw(M6-1×8)	螺絲	2
15	L0517-1	Upper Spindle Gear	上主軸齒輪	1
16	L0516-6	Upper Shaft Timing Pulley	下軸齒輪	1
17	GE11-6	Ball Bearing	滾珠培林	1
18	L0518-8	Upper Shaft	上軸	1
19	L0519-1	Bearing house	培林座	1
20	L0520-1	Washer	墊片	1
21	VE22	Ball Bearing	滾珠培林	2
22	L0522-4	Inner Belt Wheel	被動輪	1
23	L0523-1	Shaft	軸心	1
24	VE21	Retaining Ring	扣環	2
25	L0525	Retaining Ring	止動環	2
26	L0526	Oil Seal	油封	2
27	L0527	Oil Seal	止動環	2
28	L0528	Oil Seal	油封	2
29	GE59-1	Oil Seal	油封	2
30	L0530-1	Adapter	培林轉接器	1
31	L0531-1	Adapter	培林轉接器	1
32	L0532-1	Retaining Ring	扣環	1
33				
34	SF231	Screw(M5-0.8×14)	螺絲	3
35	VK48	Washer	墊片	3
36	SV264	Screw(M6-1.0×8)	螺絲	2
37				
38				
39				
40				

* Ref. No. 41 to 60 See the following page

5-1



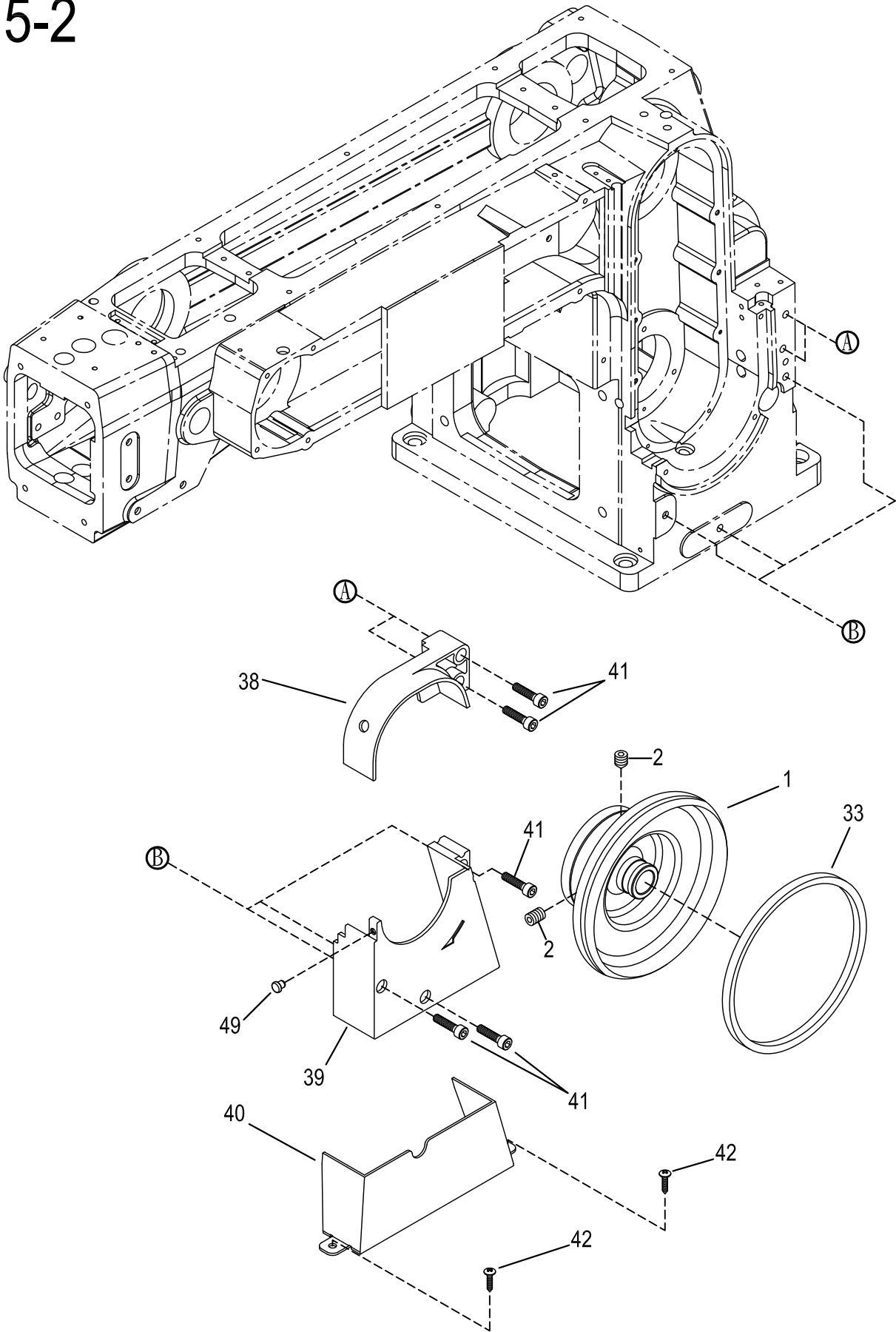
MISCELLANEOUS CRANKSHAFT

曲軸傳動機構

Ref. No.	Parts No.	Description	產 品 名 稱	5-1 Amt. Req.
41				
42	L0542	Adapter	培林轉接器	1
43				
44				
45				
46	L0546	Oil Differender	檔油板	1
47	SF224	Screw (M4 - 0.7 × 8)	螺絲	3
48	WF04-1	Washer	墊片	3
49				
50	L0550	Ball Bearing($\phi 47$ x $\phi 20$ - 6204RZ)	培林	2
51				
52	LL0552-2	Timing Belt	皮帶	1
53				
54				
55				
56	SV250	Screw(M5-0.8x5)	螺絲	4
57	L0557	Adapter	培林轉接器	1
58	L0558-1	Gasket	防油墊圈	1
59	L0226-1	Bearing Cover(Smail) Gasket	止油墊片	1
60	SV228	Screw (M4 - 0.7 × 6.3)	螺絲	3

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

5-2



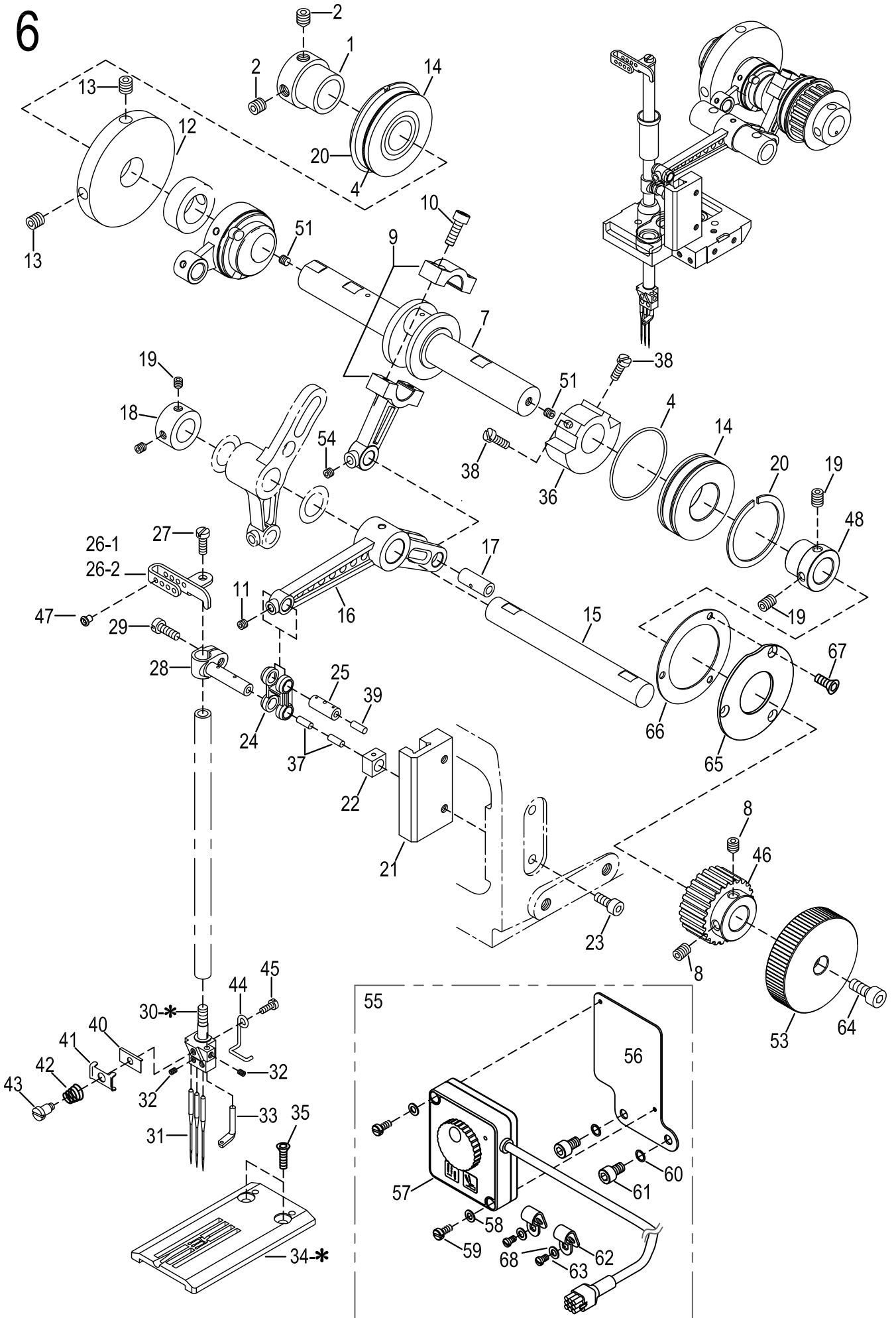
Pulley & Belt Guard (Optional)

手輪及護蓋(選配)

5-2

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Req.</u>
1	L0501-2	Pulley(Optional)	手輪(選配)	1
2	SF241	Screw(M6-1x10)	螺絲	2
33	L0533-1	O-ring	耐油橡膠	1
38	L0538	Belt Cover (Upper)	皮帶蓋(上)	1
39	L0539	Belt Cover (Lower)	皮帶蓋(下)	1
40	L0540	Belt Guard	皮帶安全蓋	1
41	SF243	Screw(M6-1.0x25)	螺絲	5
42	15-24	Wooden Screw	木螺絲	2
49	L0549	Seal Plug	膠塞	1

6



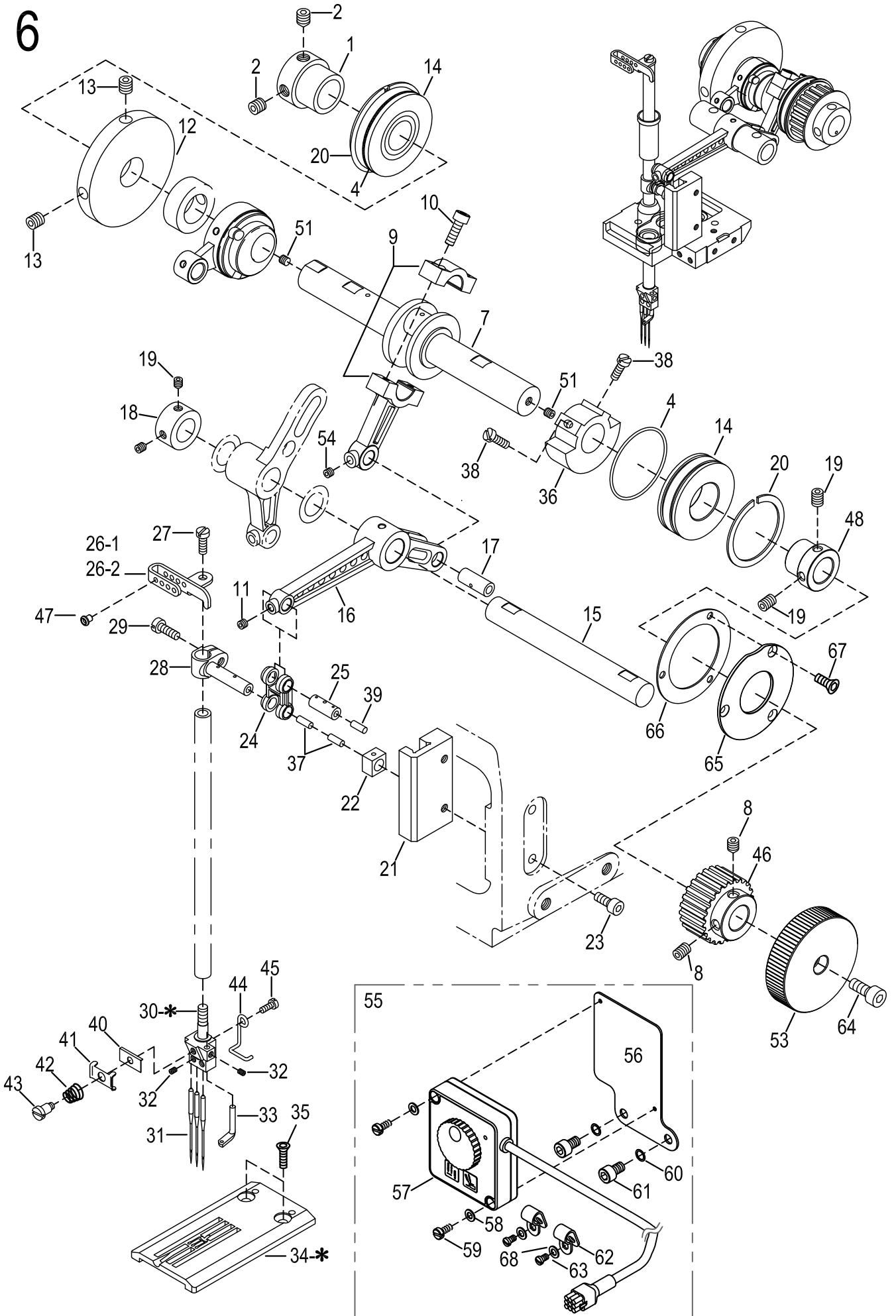
NEEDLE BAR DRIVING MECHANISM

針棒機構

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L0503	Adapter	培林轉接器	1
2	SV260	Screw(M6-1×5)	螺絲	2
3				
4	L0526	Oil Seal	油封	2
5				
6	GE11-6	Ball Bearing	滾珠培林	1
7	L0607-9	Needle Bar Driving Shaft	針棒曲軸	1
8	SV264	Screw(M6-1.0×8)	螺絲	2
9	L0609	Needle Bar Connecting Rod	針棒連桿	1
10	SV223	Screw(M4-0.7×14)	螺絲	2
11	MFR050	Screw(M4-0.7×5)	螺絲	1
12	L0612	Counterweight	配重凸輪	1
13	SF241	Screw(M6-1×10)	螺絲	2
14	L0505	Ball Bearing(42×20)	滾珠培林	1
15	L0615	Needle Bar Rocking Shaft	針棒搖擺軸	1
16	L0616	Needle Bar Driving Lever	針棒曲柄	1
17	L0617	Driving Lever Pin	銷	1
18	L0618	Collar(12×20×10mm)	定位環	1
19	SV250	Screw(M5-0.8×5)	螺絲	4
20	L0525	Retaining Ring	止動環	2
21	L0621	Needle Bar Guide	針棒導塊	1
22	L0622-1	Slide Block	滑塊	1
23	SF225	Screw(M4-0.7×10)	螺絲	2
24	L0624	Needle Bar Connecting Link	針棒連結器	1
25	L0625	Needle Bar Connecting Link Pin	連接銷	1
26-1	L0626	Needle Bar Thread Eyelet(Optional)	針棒過線片(選配)	1
26-2	L0626-2	Needle Bar Thread Eyelet(Optional)	針棒過線片(選配)	1
27	SF114	Screw(SM 9/64-40×7.5)	螺絲	1
28	L0628	Needle Bar Bracket	針棒驅動架	1
29	SV232	Screw(M4-0.7×10)	螺絲	1
30-*	-	Needle Clamp(Optional)	針錙(以下選購)	
30-1	L0630-240	Needle Clamp(240)(Optional)	針錙(2針4.0)(選購)	
30-2	L0630-248	Needle Clamp(248)(Optional)	針錙(2針4.8)(選購)	
30-3	L0630-348	Needle Clamp(348)(Optional)	針錙(2針4.8)(選購)	
30-4	L0630-356-2	Needle Clamp(356)(Optional)	針錙(3針5.6)(選購)	
30-5	L0630-360	Needle Clamp(360)(Optional)	針錙(3針6.0)(選購)	1
30-6	L0630-364	Needle Clamp(364)(Optional)	針錙(3針6.4)(選購)	
30-7	L0630-452	Needle Clamp(452)(Optional)	針錙(4針5.2)(選購)	
30-8	L0630-4601	Needle Clamp(460)(Optional)	針錙(4針6.0)(選購)	
30-9	L0630-464	Needle Clamp(464)(Optional)	針錙(4針6.4)(選購)	
31	TVx7	Needle	針	3
32	SF106	Screw(SM 1/8-44×2.8)	螺絲	4
33	L0633-1	Top Cover Thread Eyelet	上飾線過線桿	1

* Ref. No. 34 to 68 See the following page

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NEEDLE BAR DRIVING MECHANISM

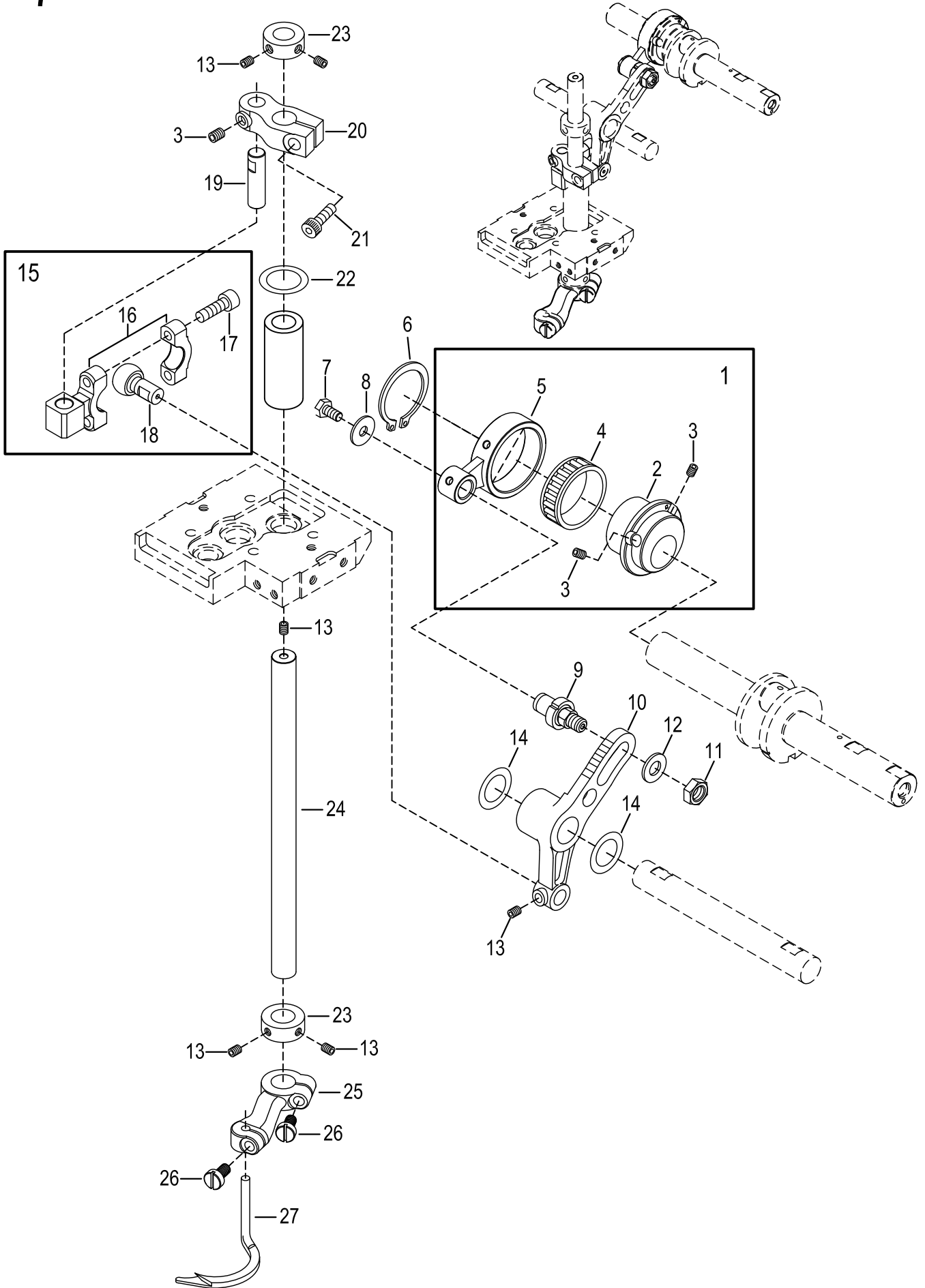
針棒機構

6
Amt.
Req.

Ref. No.	Parts No.	Description	產品名稱	
34-*	-	Stitch Plate(Standard) (Without EWT/AWT/AST)	針板(以下標準用)	
34-1	L0634-2403	Stitch Plate(240)(Folding Type)(Optional)	針板(2針4.0)(倒骨)(選購)	
34-2	L0634-2483	Stitch Plate(248)(Folding Type)(Optional)	針板(2針4.8)(倒骨)(選購)	
34-3	L0634-348	Stitch Plate(348)(Folding Type)(Optional)	針板(3針4.8)(倒骨)(選購)	
34-4	L0634-3566	Stitch Plate(356)(Folding Type)(Optional)	針板(3針5.6)(倒骨)(選購)	
34-5	L0634-3603	Stitch Plate(360)(Folding Type)(Optional)	針板(3針6.0)(倒骨)(選購)	
34-6	L0634-3641	Stitch Plate(364)(Folding Type)(Optional)	針板(3針6.4)(倒骨)(選購)	1
34-7	L0634-452	Stitch Plate(452)(Folding Type)(Optional)	針板(4針5.2)(倒骨)(選購)	
34-8	L0634-4603	Stitch Plate(460)(Folding Type)(Optional)	針板(4針6.0)(倒骨)(選購)	
34-9	L0634-4643	Stitch Plate(464)(Folding Type)(Optional)	針板(4針6.4)(倒骨)(選購)	
34-10	L0634-356S3	Stitch Plate (356)(Folding)(Needle: ϕ 1.16)(Optional)	針板(3針5.6)(倒骨)(針 ϕ 1.16)(選購)	
34-11	L0634-248TN	Stitch Plate(248)(Folding Type)(Light Fabric)(Optional)	針板(2針4.8)(倒骨)(薄料)(選購)	
34-12	L0634-360TN	Stitch Plate(360)(Folding Type)(Light Fabric)(Optional)	針板(3針6.0)(倒骨)(薄料)(選購)	
35	L0650Ni	Screw(M4-0.7×14) (皿型)	螺絲	2
36	VE13	Conuterweight (Small)	平衡配重凸輪	1
37	L0637	Oil Wick	油線	2
38	SV221	Screw(M4-0.7×8)	螺絲	2
39	L0639	Oil Wick	油線	1
40	VC34	Thread Retainer Disc Support	小調子板	1
41	VC35	Needle Thread Retainer Disc	針線固定片	1
42	VC36	Needle Thread Retainer Spring	彈簧	1
43	SV108-1	Screw(1/8-44×2.7)	螺絲	1
44	VG21-1	Eyelet Spring	針鉤固定線	1
45	SF205	Screw(M2.6-0.45×5)	螺絲	1
46	L0517-1	Upper Spindle Gear	上主軸齒輪	1
47	J0865-2	Ceramic Guide	陶瓷	8
48	L0557	Adapter	培林轉接器	1
49				
50				
51	SF240	Screw(M6-1×6)	螺絲	2
52				
53	L0653	Handwheel	手推輪(普通用)	1
54	MFR080	Screw(M4-0.7×8)	螺絲	1
55	LL2401-A	Electric Hand Wheel C. Set(For Thread Trimming)	電子手轉輪組(切線用選購)	1
56	LL2401	Bracket	固定座	1
57	LL021	Electric Hand Wheel	電子手轉輪	1
58	GE47	Washer	墊片	2
59	LL2404	Screw (SM1/8 - 44 × 12)	螺絲	2
60	WF06	Washer	墊片	2
61	SV266NI	Screw (M6 - 1.0 × 10)	螺絲	2
62	FL23	Plastic Clamp(1/4")	塑膠固定夾	3
63	SF224NI	Screw(M4 - 0.7 × 8)	螺絲	3
64	GK03	Screw(M6-1.0×14)	螺絲	1
65	L0558-1	Gasket	防油墊圈	1
66	L0226-1	Bearing Cover(Smail) Gasket	止油墊片	1
67	SV228	Screw (M4 - 0.7 × 6.3)	螺絲	3
68	WF04	Washer	墊片	2

*Ref.No. 1 to 33 See the preceding page.

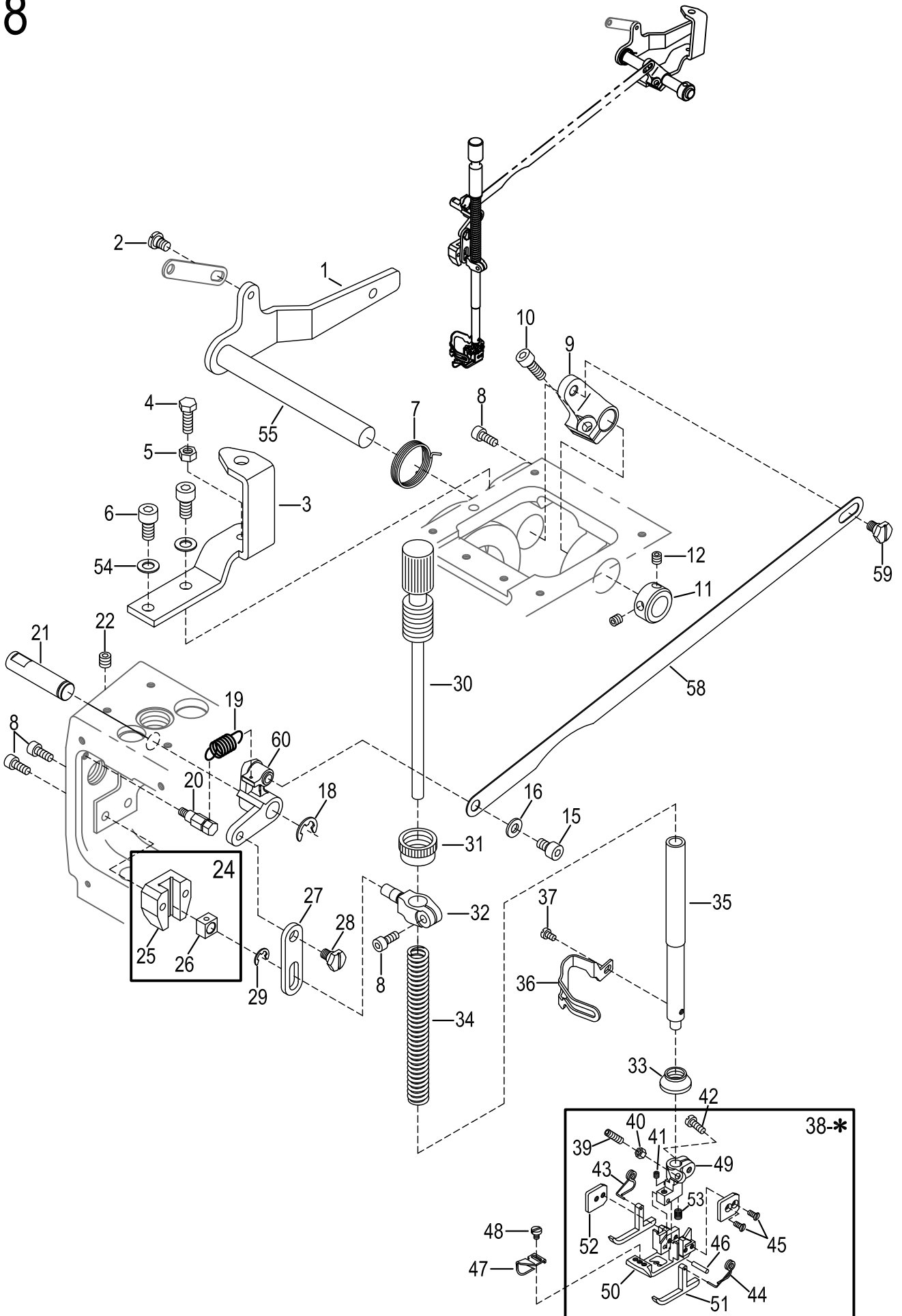
7



SPREADER MECHANISM**上勾針飾線機構**

7

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L0705-1-A	Spreader Connecting Rod, C. Set	上勾針連桿(組)	1
2	L0702-2	Spreader Eccentric	上勾針偏心輪	1
3	SV250	Screw (M5-0.8x5)	螺絲	3
4	L0704	Roller Bearing	滾針培林	1
5	L0705	Spreader Connecting Rod	上勾針連桿	1
6	VK06	Retaining Ring	扣環	1
7	SF222	Screw(M4-0.7x6)	螺絲	1
8	L0708	Washer	墊片	1
9	L0709	Adjusting Pin	調整銷	1
10	L0710-1	Spreader Driving Arm	上勾針驅動臂	1
11	NV13	Nut(M6-1.0)	螺帽	1
12	L0712	Washer	墊片	1
13	SF228	Screw(M4-0.7x4)	螺絲	6
14	L0714	Thrust Washer	止推墊片	2
15	L0715	Spreader Link, C. Set	上勾針連接珠軸(組)	1
16	L0716	Spreader Link	上勾針連接珠軸	1
17	SV223	Screw(M4-0.7x14)	螺絲	2
18	L0718	Spreader Ball	上勾針珠子	1
19	L0719	Pin	銷	1
20	L0720-1	Spreader Rocking Arm	上勾針擺動臂	1
21	SV253	Screw(M5-0.8x16)	螺絲	1
22	L0722	Thrust Washer	止推墊片	1
23	GK27	Collar(10x17x8mm)	定位環	2
24	L0724	Spreader Shaft	上勾針棒	1
25	VI24	Spreader Holder	上勾針座	1
26	SV222	Screw(M4-0.7x12)	螺絲	2
27	VI25	Spreader	上勾針	1



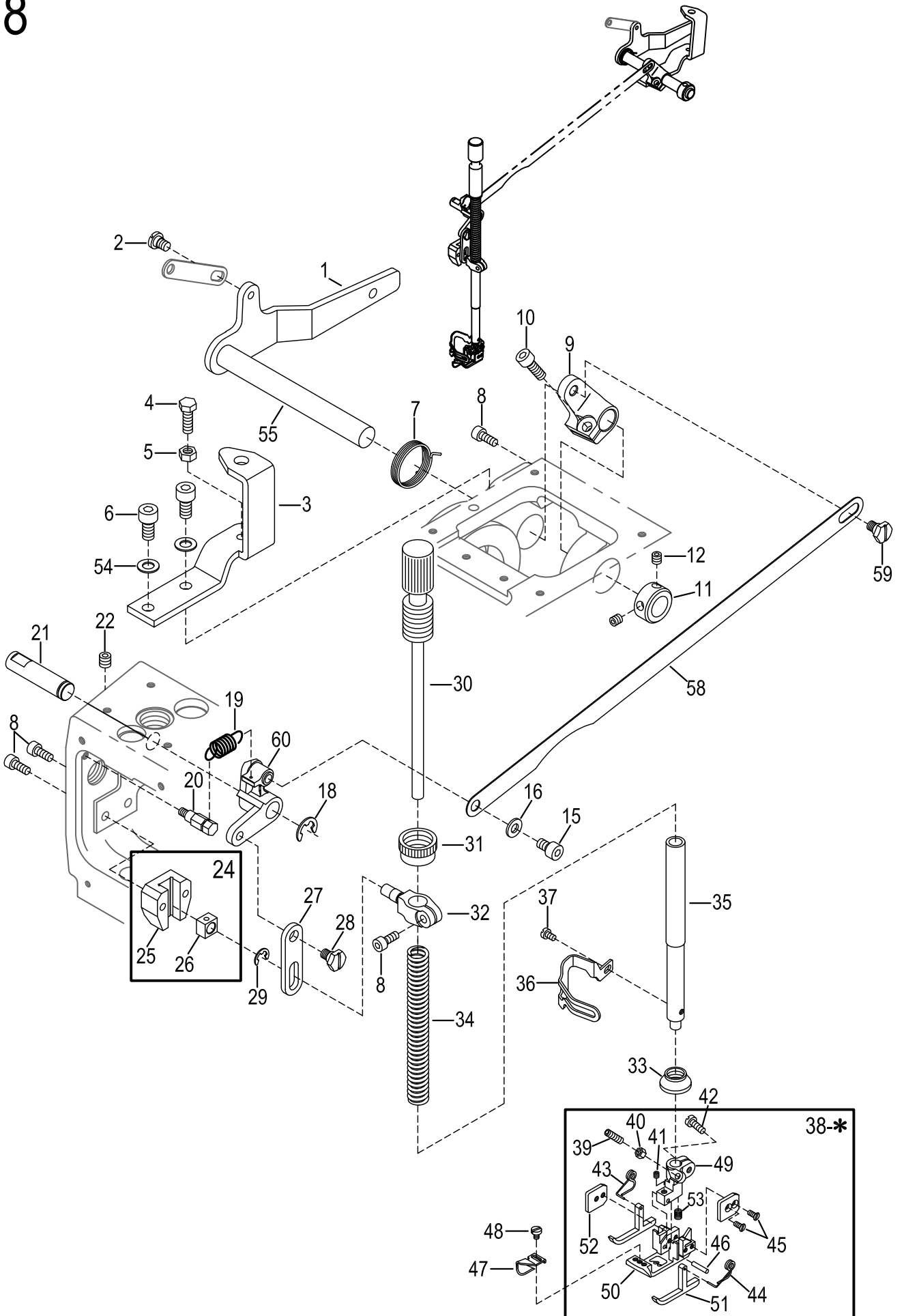
PRESSER FOOT MECHANISM

押腳機構

8

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L0801-1	Lifter Lever	提升桿	1
2	L0802	Screw(M5-0.8*5.1)	螺絲	1
3	L0803	Lifter Lever Stopper	提升檔片	1
4	GW07	Screw(M5-0.8x15)	螺絲	1
5	NV12	Nut	螺帽	1
6	GL16Ni	Screw(M6-1x12)	螺絲	2
7	L0807	Spring	彈簧	1
8	SF225Ni	Screw(M4-0.7x10)	螺絲	4
9	L0809	Lifter Shaft Lever	提升曲柄	1
10	SF231	Screw(M5-0.8x14)	螺絲	1
11	L0618	Collar(12x20x10mm)	定位環	1
12	SV250	Screw(M5-0.8x5)	螺絲	2
13				
14				
15	SV251	Screw(M5-0.8x8)	螺絲	1
16	GJ08	Washer	墊片	1
17				
18	L0818	Retaining Ring	扣環	1
19	L0819	Return Spring	彈簧	1
20	L0820	Spring Hanger	彈簧掛棒	1
21	L0821	Lifter Pin	提升銷	1
22	SF240	Screw(M6-1x6)	螺絲	1
23				
24	L0824	Presser Bar Guide, C. Set	押腳棒導塊(組)	
25	L0825	Presser Bar Guide	押腳棒導塊	1
26	L0622-1	Slide Block	滑塊	1
27	L0827	Lifter Link	連動片	1
28	L0828	Screw(M5-0.8x5)	螺絲	1
29	L0829	Retaining Ring	扣環	1
30	L0830	Presser Spring Regulator	壓力調節棒	1
31	L0831	Lock Nut	固定螺帽	1
32	L0832	Presser Bar Connecting Bracket	押腳固定臂	1
33	L0833	Oil Diffender Rubber	止油膠圈	1
34	L0834	Presser Bar Spring	彈簧	1
35	L0835-1	Presser Bar	押腳棒	1
36	L0836	Finger Guard	手指護罩	1
37	SV215	Screw(M3-0.5x5)	螺絲	1
38-*	-	Presser Foot, C. Set(Optional)	押腳(組)(以下選購)	
38-1	VH240	Presser Foot, C. Set(240)(Optional)	押腳(組)(選購)	
38-2	VH248	Presser Foot, C. Set(248)(Optional)	押腳(組)(選購)	
38-3	VH348	Presser Foot, C. Set(348)(Optional)	押腳(組)(選購)	
38-4	VH356-A1	Presser Foot, C. Set(356)(Optional)	押腳(組)(選購)	1
38-5	VH360	Presser Foot, C. Set(360)(Optional)	押腳(組)(選購)	
38-6	VH460	Presser Foot, C. Set(460)(Optional)	押腳(組)(選購)	
38-7	VH464	Presser Foot, C. Set(464)(Optional)	押腳(組)(選購)	
39	SV109	Screw(SM1/8-44x10)	螺絲	1
40	NV11	Nut	螺帽	1

* Ref. No. 41 to 60 See the following page

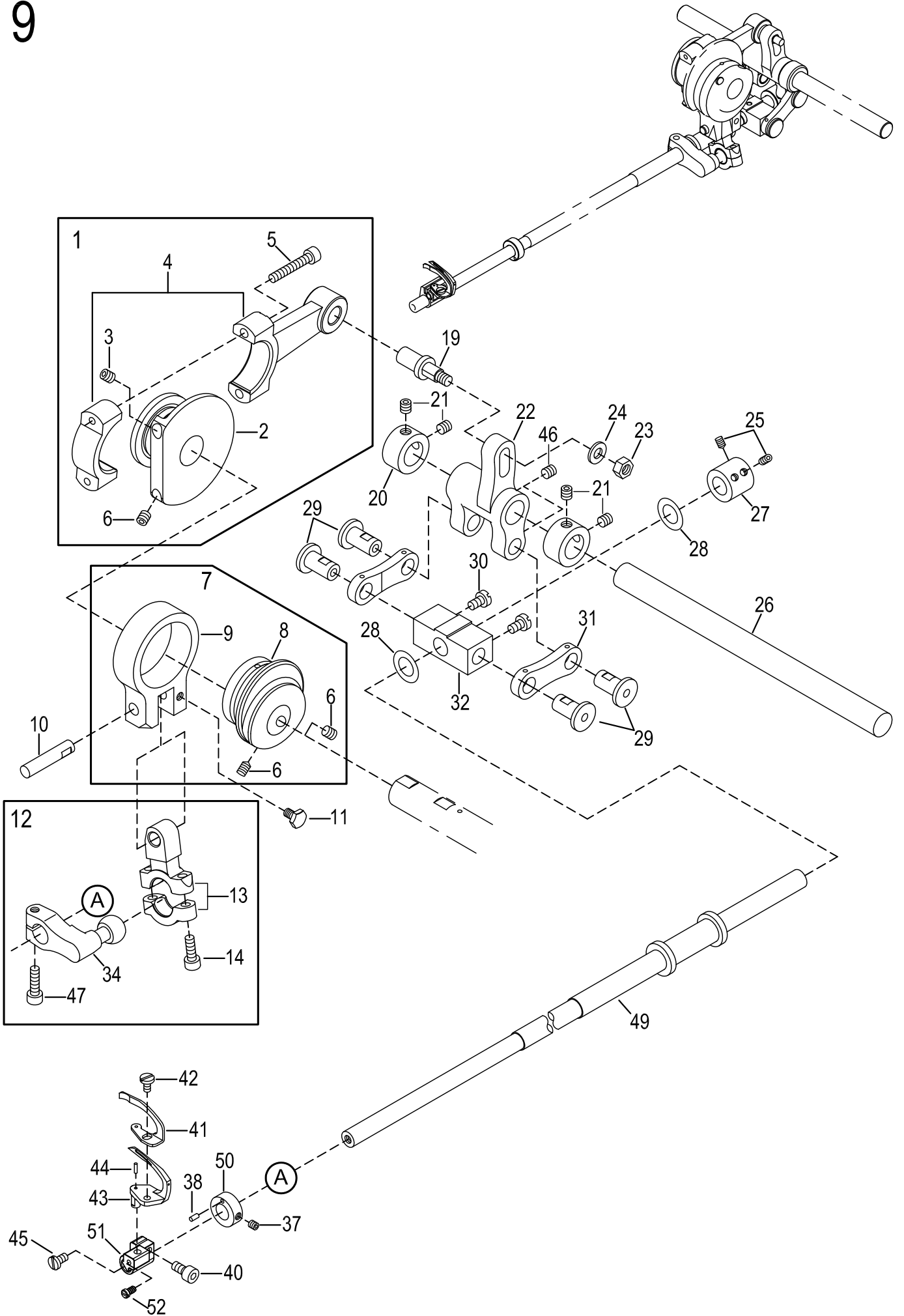


PRESSER FOOT MECHANISM

押腳機構

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
41	SF106	Screw(SM1/8-44×2.8)	螺絲	1
42	SF116	Screw(SM9/64×9)	螺絲	1
43	VH16	Presser Foot Spring(Left)	押腳彈簧(左)	1
44	VH24	Presser Foot Spring(Right)	押腳彈簧(右)	1
45	SV103	Screw(SM3/32-56×5)	螺絲	4
46	VH20	Pin	銷	1
47	VH26	Fabric Guide	導布器	1
48	SV206	Screw(M2.5-0.45×3.5)	螺絲	1
49	VH54	Upper Presser Foot	壓腳頭	1
50	VH55	Lower Presser Foot	壓腳底	1
51	VH53	Left Guide Foot	T行船導片	2
52	VH52	Fixed Plate	方形固定片	2
53	VH21	Presser Foot Spring	彈簧	1
54	WF06	Washer	墊片	2
55	L0855-2	Main Shaft	主軸	1
56				
57				
58	LL0858	Lifter Connecting Plate	提升連桿	1
59	LL0859	Screw(M5-0.8×5)	螺絲	1
60	LL0860	Lifter Link Lever	提升吊柄	1

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



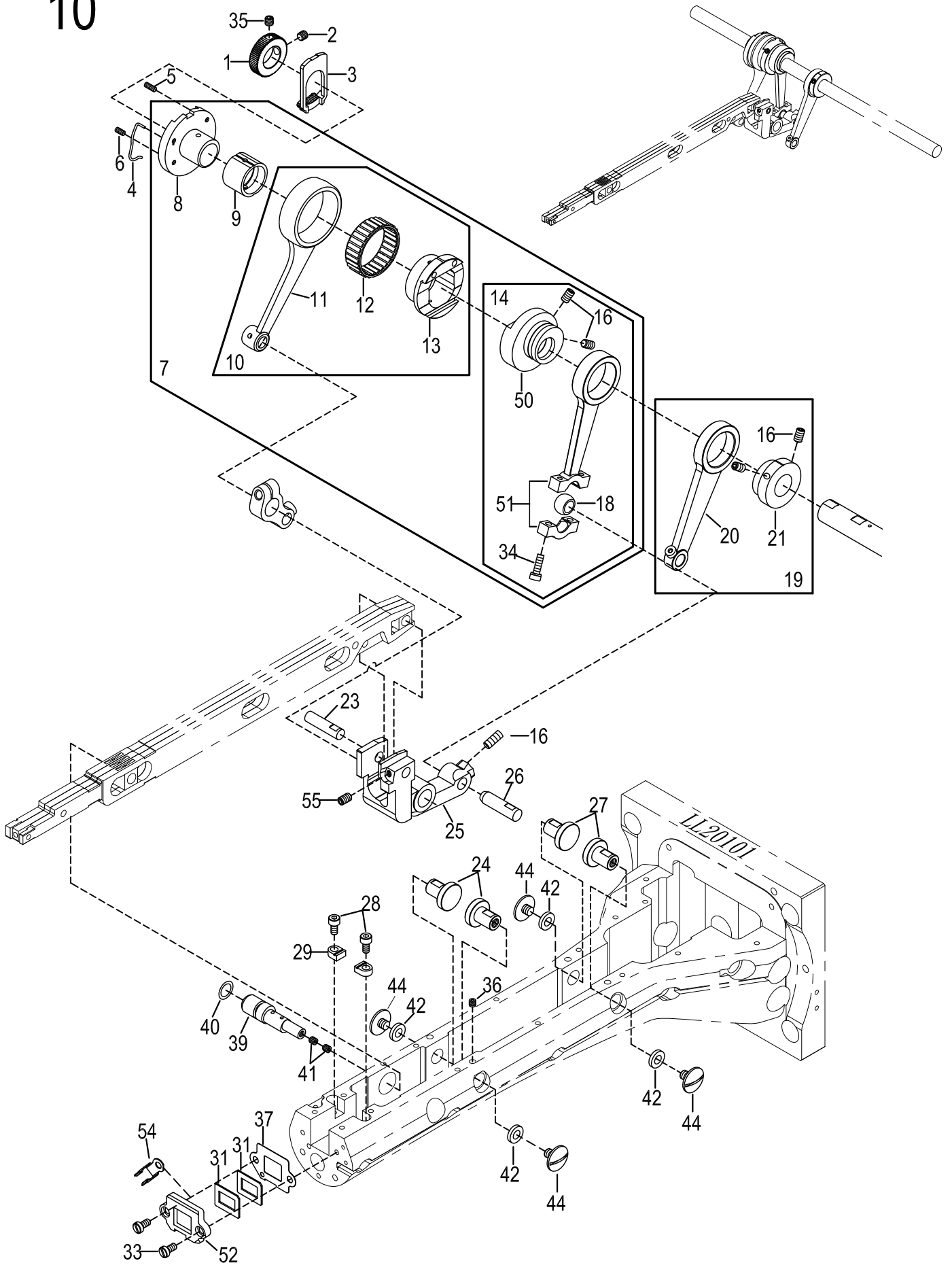
LOOPER DRIVING MECANISM

下勾針驅動機構

9

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L0901	Looper Rocker Connecting Rod, C. Set	下勾針搖臂連桿(組)	1
2	L0902	Looper Rocker Eccentric	下勾針搖臂偏心輪	1
3	L0903	Screw(M5-0.8x8)	螺絲	1
4	L0904	Looper Rocker Connecting Rod	下勾針搖臂連桿	1
5	SV236	Screw(M4-0.7x25)	螺絲	2
6	GL12ET	Screw(M5-0.8x8)	螺絲	3
7	L0907	Looper Connecting Rod, C. Set	下勾針傳動桿(組)	1
8	L0908	Looper Eccentric	偏心輪	1
9	L0909-3	Looper Connecting Rod	下勾針傳動桿	1
10	L0910	Pin	銷	1
11	SF222	Scerw(M4-0.7x6)	螺絲	1
12	L0912	Looper Lever Link, C.Set	下勾針連動珠軸(組)	1
13	L0913	Looper Lever Link	下勾針連動珠軸	1
14	L0914	Screw(M4-0.7x12)	螺絲	2
19	L0919-1	Connecting Rod Pin	銷	1
20	L0618	Collar(12x20x10mm)	定位環	2
21	SV250	Screw(M5-0.8x5)	螺絲	4
22	L0922	Looper Rocker Shaft Lever	下勾針擺動曲柄	1
23	NV12	Nut	螺帽	1
24	GJ08	Washer	墊片	1
25	SF228	Screw(M4-0.7x4)	螺絲	4
26	L0926-1	Looper Rocker Shaft	下勾針擺動軸	1
27	L0927	Collar(9x16x14mm)	軸套	1
28	L0928	Thrust Ring	止推墊片	2
29	L0929	Pin	銷	4
30	SV221	Screw(M4-0.7x8)	螺絲	2
31	L0931	Looper Rocker Connecting Link	擺動連接片	2
32	L0932	Looper Shaft Joint	勾針軸連接塊	1
34	L0934	Looper Driveng Ball	驅動珠子	1
37	L0937	Screw(M3.5-0.6x3)	螺絲	1
38	L0938	Pin	銷	1
40	SF225	Screw(M4-0.7x10)	螺絲	1
41	L0941	Needle Guard(Front)	頂針片(前)	1
42	SV215	Screw(M3-0.5x5)	螺絲	1
43	L0943-4	Looper	勾針	1
44	L0944	Pin	銷	1
45	L0945-2	Screw(M4-0.7x8)	螺絲	1
46	SV227	Screw(M4-0.7x5)	螺絲	2
47	SV223	Screw(M4-0.7x14)	螺絲	1
49	LL0949-1	Looper Shaft	下勾針驅動軸	1
50	LL0950	Collar(8x15x5.6mm)	定位環	1
51	LL0951	Looper Holder	下勾針座	1
52	MEA060	Screw(M3.5x0.6x6)	螺絲	1

10

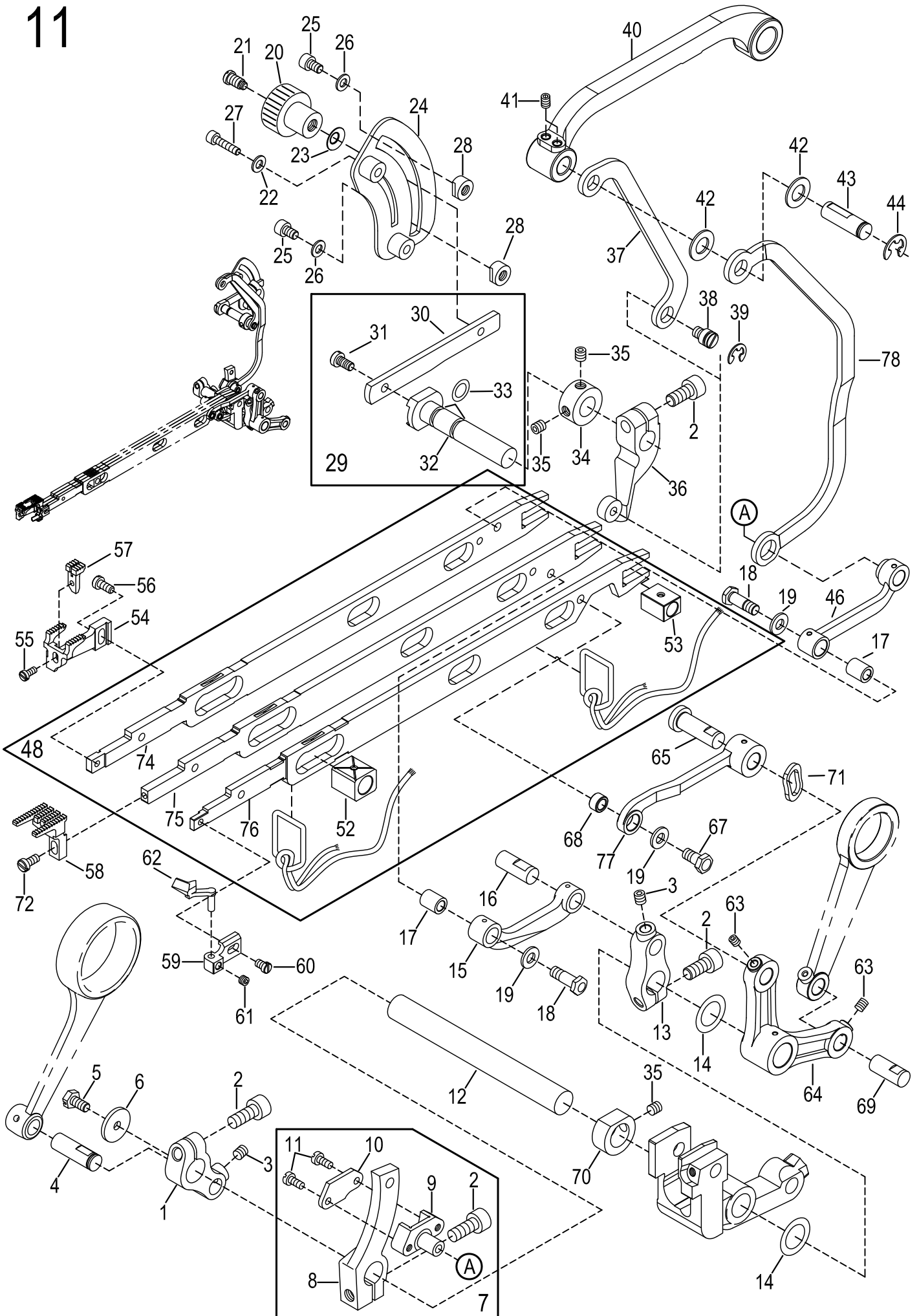


FEED DRIVING MECHANISM(1)

送料機構(1)

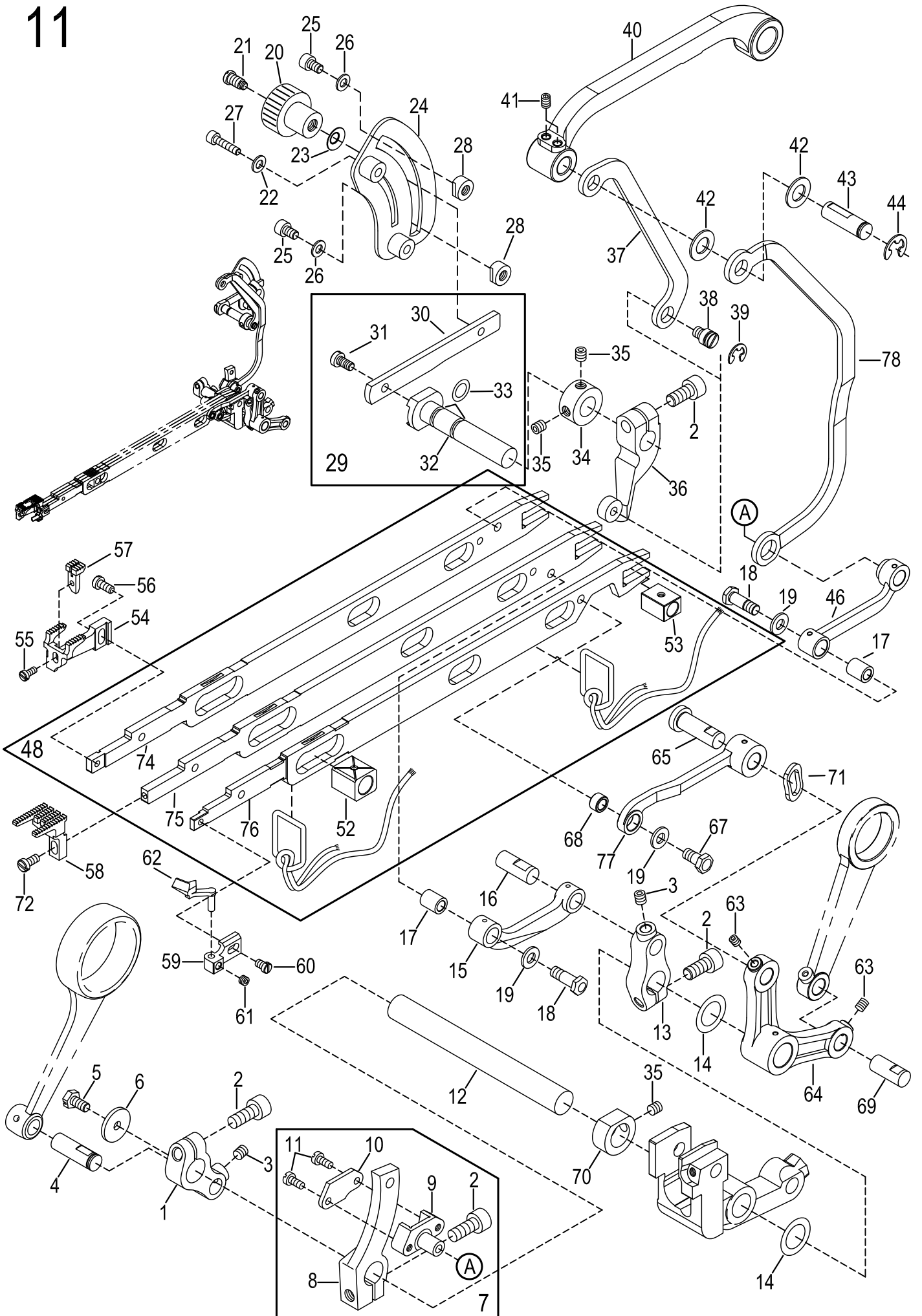
10
Amt.
Req.

Ref. No.	Parts No.	Description	產 品 名 稱	10 Amt. Req.
1	L1001	Feed Dog Regulating Gear	送料調節齒輪	1
2	SV250	Screw(M5-0.8×5)	螺絲	1
3	L1003	Feed Dog Regulating Plate	送料調節片	1
4	L1004	Feed Dog Regulating Plate Spring	彈簧	1
5	GL24	Screw(M3-0.5×3.5)	螺絲	2
6	L1006	Screw(M3-0.5×6)	螺絲	1
7	L1007	Feed Regulator, C. Set	送料調整器(組)	1
8	L1008-1	Feed Dog Regulating Eccentric	調節偏心輪	1
9	L1009-1	Eccentric Link	偏心環	1
10	L1010	Feed Bar Connecting Rod, C.Set	送料連桿(組)	1
11	L1011-1	Feed Bar Connecting Rod	送料連桿	1
12	FG11	Roller Bearing	滾針培林	1
13	L1013	Feed Driving Eccentric	驅動偏心輪	1
14	L1014	Feed Lift Connecting Rod, C. Set(2)	上下送料連桿(組)	1
15				
16	GL12	Screw(M5-0.8×8)	螺絲	5
17				
18	L1018	Rod Ball	連桿珠子	1
19	L1019	Needle Guard Connecting Rod, C. Set	頂針片連桿(組)	1
20	L1020	Needle Guard Connecting Rod	頂針片連桿	1
21	L1021	Needle Guard Eccentric	頂針片偏心輪	1
22				
23	L1023	Feed Bar Block(Rear) Shaft	定位棒(後)	1
24	LL1024	Feed Bar Guide(Short)(Rear)(14.2)	送料導銷(短)(後)	2
25	LL1025-2	Feed Lift Arm	上下送料臂	1
26	L1026	Pin	銷	1
27	L1027-2	Feed Bar Guide(Long)(Rear)(16)	送料導銷(長)(後)	2
28	SF225	Screw(M4-0.7×10)	螺絲	2
29	L1029-1	Feed Bar Guide(Front)	送料導銷(前)	2
30				
31	L1031-2	Feed Bar Shield(Front)	送料護片(前)	2
32				
33	H0214	Screw(M4-0.7×8)	螺絲	2
34	SF226	Screw(M4-0.7×12)	螺絲	2
35	GL37	Screw(M5-0.8×12)	螺絲	1
36	L1036	Screw(M5-0.8×6)	螺絲	2
37	L1037-2	Feed Bar Shield Plate	送料護板	1
38				
39	L1039	Feed Bar Block(Front) Shaft	定位棒(前)	1
40	L1133	O-ring(P9)	O型環	1
41	SF228	Screw(M4-0.7×4)	螺絲	2
42	L1042-2	Head Cover Seal Plug	膠塞	4
43				
44	J1636	Screw(11/64x40×6)	螺絲	4
45				
50	LL1050	Feed Lift Eccentric	上下送偏心輪	1
51	LL1051	Feed Lift Connecting Rod	上下送料連桿	1
52	LL1052	Feed Bar Support	送料之座	1
53				
54	LL0254	Cover Latch Spring	夾簧	1
55	P0349	Screw(M4-0.7×8)	螺絲	1



Ref.	Parts			Amt.
No.	No.	Description	產品名稱	Req.
1	L1101	Feed Bar Driving Shaft Lever	送料驅動柄	1
2	SF244	Screw(M6-1×16)	螺絲	4
3	SF240	Screw(M6-1×6)	螺絲	2
4	L1104-1	Connecting Rod Pin	銷	1
5	GB17	Screw(M4-0.7×10)	螺絲	1
6	L1106	Thrust Plate	止推墊片	1
7	L1107	Differential Rocker, C. Set	差動搖臂(組)	1
8	LL1108	Differential Rocker	差動搖臂	1
9	L1109	Silder	滑塊	1
10	L1110-1	Silder Cap	滑塊帽	1
11	L1111	Screw(M3-0.5×10)	螺絲	2
12	L1112	Feed Bar Driving Shaft	送料傳動軸	1
13	L1113	Main Feed Bar Lever	主齒送料曲柄	1
14	L0714	Thrust Washer	止推墊片	2
15	L1115	Main Feed Bar Connection	主齒連接臂	1
16	L1116	Connecting Link Pin	銷	1
17	L1117	Connecting Bushing	套管	2
18	L1118	Screw(M5-0.5×15.4)	螺絲	2
19	GJ08	Washer	墊片	3
20	H1343	Lock Nut	調整螺帽	1
21	L1121	Screw(M6-1×8.8,M4.5-0.5×3.2)	螺絲	1
22	WF04-1	Washer	墊片	2
23	L0112	Conical Spring Washer	錐形彈簧墊片	1
24	L1124	Differential Feed Graduations	差動刻度表	1
25	SV259Ni	Screw(M5-0.8×6)	螺絲	2
26	VK48	Washer	墊片	2
27	SV231Ni	Screw(M4-0.7×18)	螺絲	2
28	L1128	Differential Lever Stop	差動檔塊	2
29	L1129	Differential Lever(Left), C. Set	差動曲柄(左)(組)	1
30	L1130	Differential Lever(Left)	差動曲柄	1
31	GB37	Screw(M4-0.7×8)	螺絲	1
32	L1132-1	Differential Lever Shaft	差動軸	1
33	RF23	O-ring(P7)	O型環	2
34	L1134	Collar(10×19×9mm)	定位環	1
35	SV250	Screw(M5-0.8×5)	螺絲	3
36	L1136	Differential Lever(Right)	差動曲柄(右)	1
37	L1137	Slider Link(Short)	滑動連桿(短)	1
38	L1138-2	Silder Link Pin	連桿銷	1
39	GK13	Retaining Ring	扣環	1
40	L1140-1	Differential Arm	差動臂	1

* Ref. No. 41 to 78 See the following page



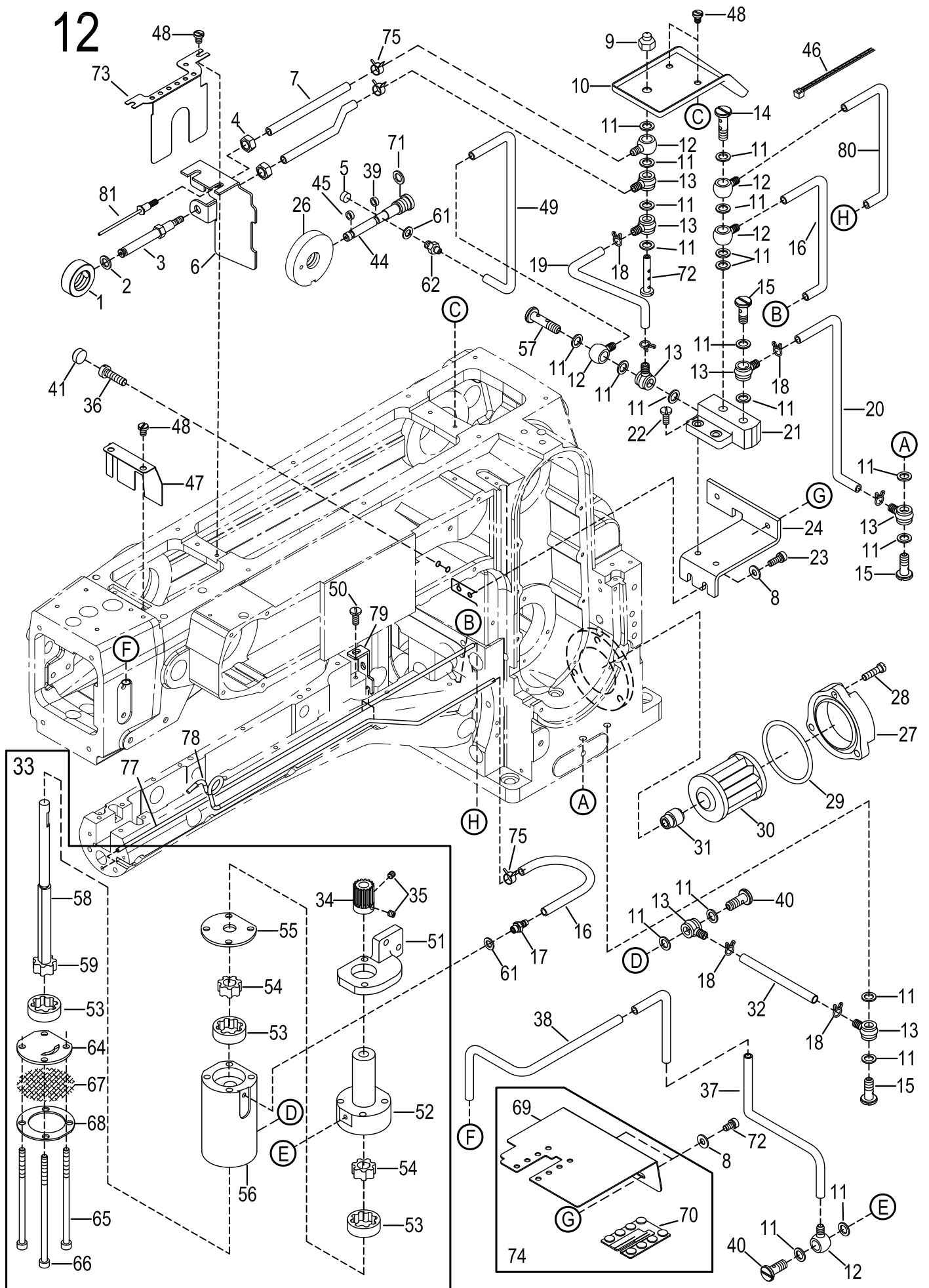
FEED DRIVING MECHANISM(2)

送料機構(2)

11

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
41	SV227	Screw(M4-0.7×5)	螺絲	2
42	L1142	Washer	墊片	2
43	L1143	Differential Arm Pin	銷	1
44	35-27	Retaining Ring (ETW-7)	扣環	1
45				
46	L1146	Differential Feed Bar Connection	差動連桿	1
47				
48	LL1174-4-A	Feed Bar, Complete. Set	送料具固定座組	1
49				
50				
52	L1152	Feed Lift Block(Front)	定位鍵(前)	1
53	L1153	Feed Lift Block(Rear)	定位鍵(後)	1
54	L1154-356-3	Differential Feed Dog	差動齒	1
55	SV215	Screw(M3.5-0.5×5)	螺絲	1
56	L1156-1	Screw(M3-0.6×8)	螺絲	1
57	L1157-356-3	Differential Feed Dog(Middle)(240)	差動齒(小)	1
58	L1158-356-1	Main Feed Dog(240)	主動齒	1
59	L1159-1	Needle Guard(Rear) Holder	頂針片座(後)	1
60	MEA050	Screw(M3.5-0.6×5)	螺絲	1
61	SV242	Screw(M4-0.7×3)	螺絲	1
62	L1162-1	Needle Guard (Rear)	頂針片(後)	1
63	SF228	Screw(M4-0.7×4)	螺絲	2
64	L1164	Needle Guard Lever	頂針片曲柄	1
65	L1165-1	Pin	銷	1
66				
67	L1167	Screw(M5-0.5×5.4)	螺絲	1
68	L1168	Connection Bushing	連接套管	1
69	L1169	Needle Guard Lever Pin	頂針曲柄銷	1
70	L1170-1	Collar(12×20×8mm)	定位環	1
71	L1171	Wave Washer	波浪華司	1
72	SV310	Screw(M3-0.6×8)	螺絲	1
74	LL1174-4	Differential Feed Bar	差動齒驅動座	1
75	LL1175-2	Main Feed Bar	主動齒驅動座	1
76	LL1176-2	Needle Guard Bar	頂針驅動座	1
77	LL1177-2	Needle Guard Bar Connection	頂針連接棒	1
78	LL1178	Slider Link(Long)	滑動連桿(長)	1

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



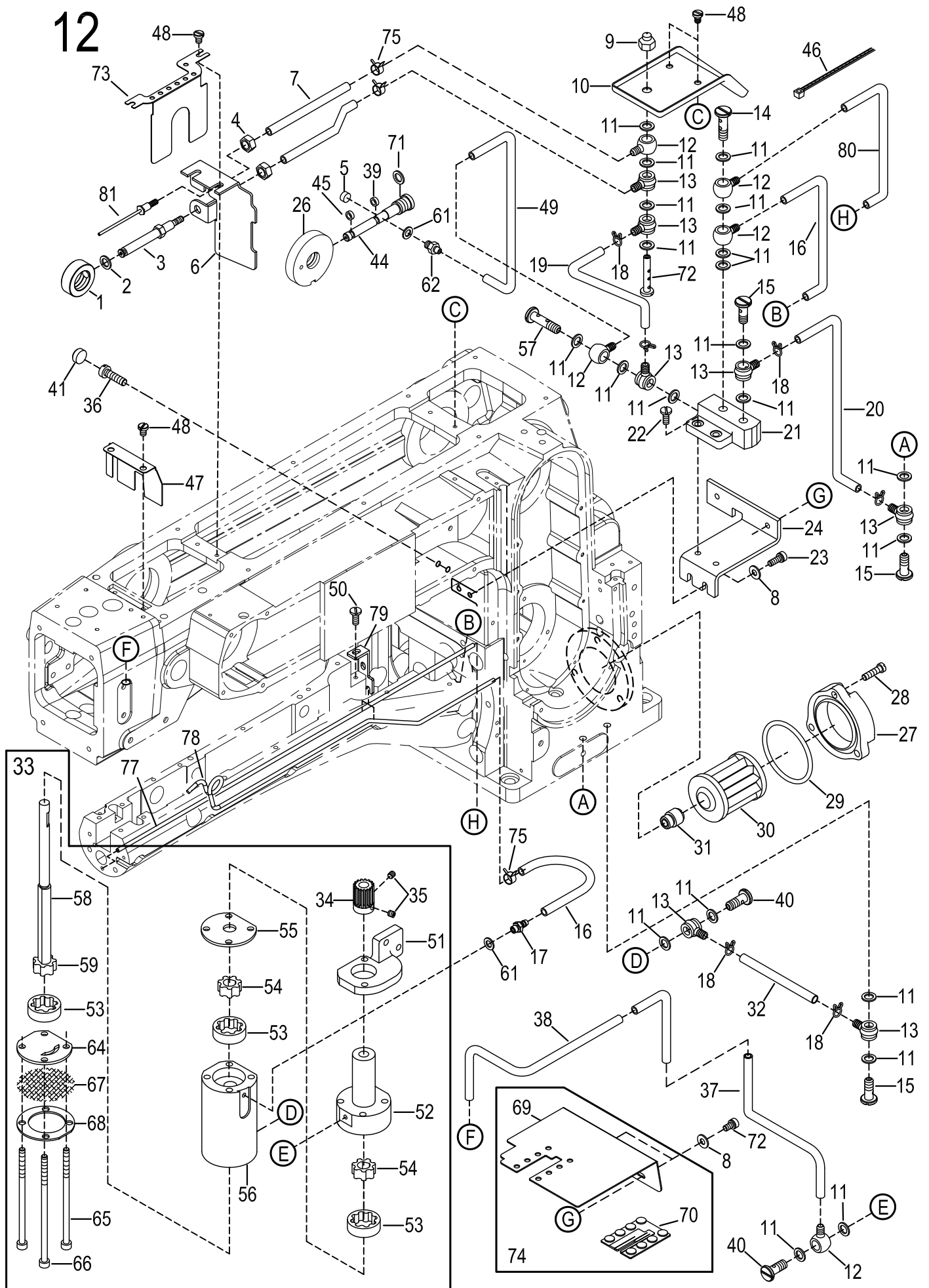
LUBRICATING MECHANISM

潤滑機構

12

Ref. No.	Parts No.	Description	產品名稱	Amt. Req.
1	L1201	Oil Sleeve	聚油套環	1
2	L1202	O-ring(P3)	O型環	1
3	L1203	Oil Pipe(Short)	給油管	1
4	NV13	Nut	螺帽	2
5	L1205	Alumiumm Seal Plug	鋁封塞	1
6	L1206-1	Oil Differender	檔油片	1
7	L1207	Oil Tube(ϕ 3 \times ϕ 5 \times 370L)	油管	2
8	WF04-1	Washer	墊片	4
9	L1209	Nozzle	噴油嘴	1
10	L1210	Oil Receiver	聚油盤	1
11	VM37	Washer	墊片	21
12	L1212	Oil Tube Fitting One Way End	單向接頭	5
13	VM29	Tube Joint	油管接頭	7
14	L1214	Fitting Stud(Long)	螺椿(長)	1
15	SV263	Fitting Stud(Short)	螺椿(短)	3
16	L1216	Oil Tube(ϕ 2.9 \times ϕ 5 \times 250L)	油管	2
17	L1217	Pipe Joint	油管接頭	1
18	VM35	Oil Tube Clamp	油管夾	6
19	L1219	Oil Tube(ϕ 4 \times ϕ 6 \times 200L)	油管	1
20	L1220	Oil Tube(ϕ 4 \times ϕ 6 \times 270L)	油管	1
21	L1221-2	Lubricating Block	給油檔塊	1
22	SV232	Screw(M4-0.7 \times 10)	螺絲	2
23	SF225	Screw(M4-0.7 \times 10)	螺絲	2
24	L1224	Lubricating Block Support	檔塊架	1
25				
26	L1226-6	Oil Sleeve	聚油套環	1
27	FL19	Oil Filer Cap	濾油蓋	1
28	LL1228	Screw(SM11/64-40 \times 14)	螺絲	3
29	RF28	O-ring(P42)	O型油環	1
30	FL20	Oil Filter	濾油器	1
31	FL21	Filter Housing	濾油器接頭	1
32	L1232	Oil Tube(ϕ 4 \times ϕ 6 \times 140L)	油管	1
33	L1233	Oil Pump, C. Set	油泵(組)	1
34	L1234	Worm Gear	油泵蝸齒	1
35	SF228	Screw(M4-0.7 \times 4)	螺絲	3
36	SF231	Screw(M5-0.8 \times 14)	螺絲	2
37	L1237	Oil Tube(ϕ 3 \times ϕ 5 \times 700L)	油管	1
38	L1238-1	Arm Draining Pipe	排油管	1
39	L1239	O-ring	O型油環	1
40	L1240	Fixed Bolt	固定螺栓	2

* Ref.No. 41 to 81 See the following page



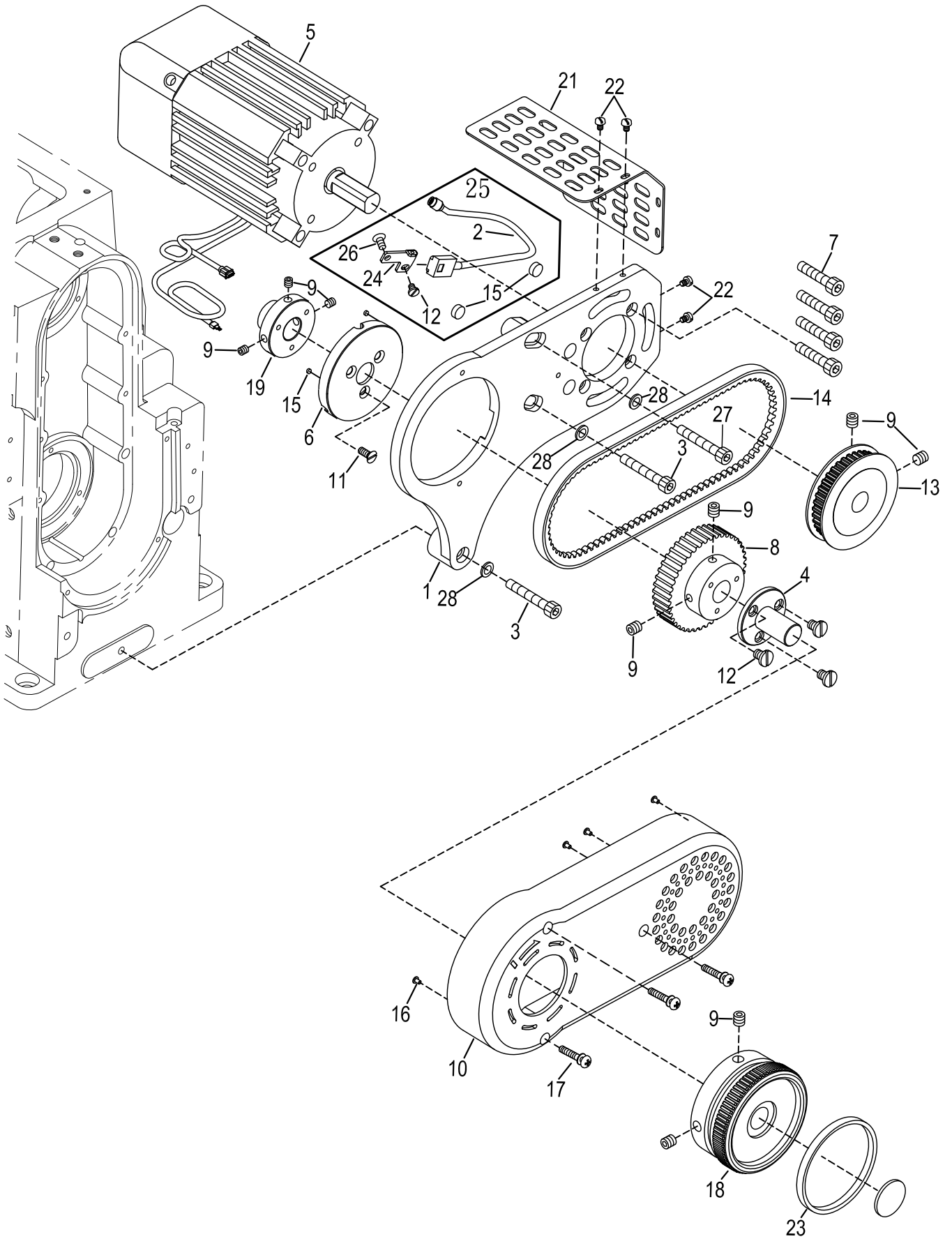
LUBRICATING MECHANISM

潤滑機構

12

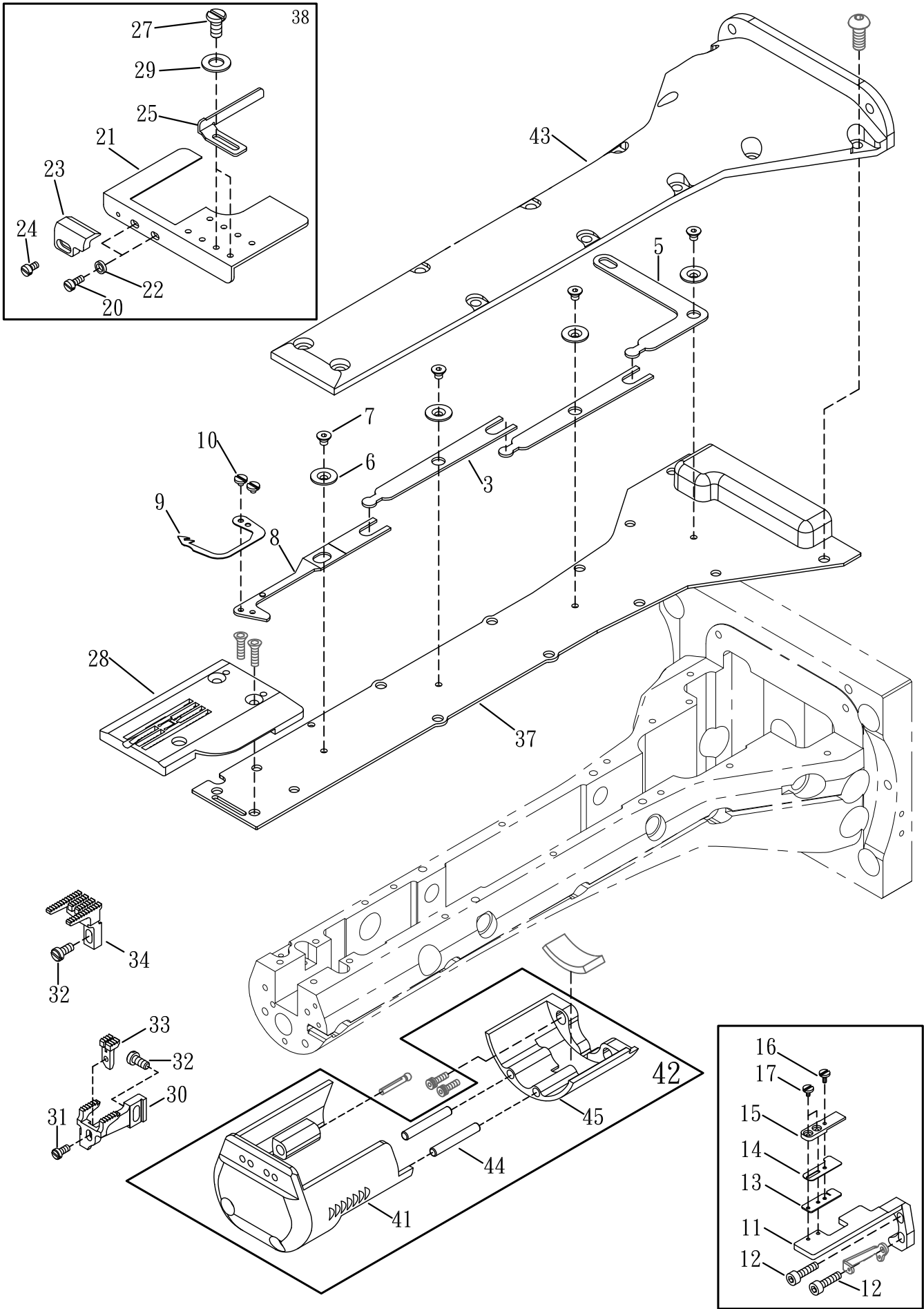
Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
41	L1241	Seal Plug	膠塞	2
44	L1244-3	Oil Pipe	給油管	1
45	L1245-1	O-ring	O型環	1
46	H1447	Wrapping Band(3.2×90)	束帶	1
47	L1247-2	Needle Bar Oil Differender	針棒軸防油片	1
48	GJ36	Screw(M4-0.7×5.8)	螺絲	6
49	L1249	Main Shaft Oil Diffender Rubber	防油橡膠	1
50	SF224	Screw(M4-0.7×8)	螺絲	3
51	L1251	Oil Pump Driving Worm Gear	油泵驅動蝸齒	1
52	L1252	Pump Upper Base	油泵主體	1
53	L1253	Outer Gear	外輪子(厚 7.5mm)	3
54	L1254	Inner Gear	內輪子(厚 7.5mm)	2
55	L1255	Pump Base Washer	油泵座墊片	1
56	L1256	Pump Lower Base	油泵下層	1
57	L1257-1	Fitting Stud(Long)	螺椿	1
58	L1258	Center Shaft	油泵主軸	1
59	L1259	Inner Gear	內輪子(厚 7.5mm)	1
61	FL14	Seal	紅墊片	2
62	FL15	Oil Tube (Long), Complete Set	油嘴	1
64	L1264	Lower Base Washer	油泵底座墊片	1
65	L1265	Screw (M4-0.7×80)	螺絲	2
66	L1266	Screw (M4-0.7×90)	螺絲	2
67	VM40-8	Oil Filter	油承濾網	1
68	VM40-9	Fiter Plate	固定濾網環	1
69	L1269-1	Oil Release Plate	導油板	1
70	L1270-1	Rubber Cusion	橡膠	1
71	L1133	O-ring	O型油環	1
72	L1272	Fitting Stud(Long)	螺椿(長)	1
73	L1273	Oil Differender	檔油片	1
74	L1274-1	Oil Differender	檔油片組	1
75	J0262	Oil Tube Clamp	油管束子	3
77	LL1277-2	Drain Pipe	排油管	1
78	LL1278-1	Drain Pipe	油管(銅)	1
79	LL1279	Drain Pipe Holder	油管支架	1
80	LL1280	Oil Tube(φ 2.95×φ 5×510L)	油管	1
81	L1281	Oil Pipe(Short)	給油管	1

* Ref. No. 01 to 40 See the following page



COMPACT— SERVO MOTOR & ATTACHMENT(OPTIONAL)			電子小馬達傳動機構(選購)	13
Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L2301-3	Brackert	馬達支撐架	1
2	24-03	Positioner Cord	雙定位線	1
3	SF243Ni	Screw(M6-1x25)	螺絲	2
4	L2304	Handwheel Adaptor	連接軸	1
5	F1602	Compact Servo Motor	傳動小馬達	1
6	L2306-1	Synchronizor bracket	磁鐵定位座	1
7	SF252NI	Screw(M4-0.7x10)	螺絲	4
8	L2308	Synchronized Gear	同步傳動輪	1
9	SF241	Screw(M6-1.0x10)	螺絲	9
10	L2310	Belt Guard	皮帶安全蓋	1
11	GB18	Screw(M4-0.7x10)	螺絲	3
12	GB37	Screw(M4-0.7x8)	螺絲	4
13	F1607-1	Transmission Gear	齒型帶動輪	1
14	L2314	Synchronized Belt	同步傳動皮帶	1
15	24-02	Built-in Megnatic	厚3 x Ø 5 磁鐵	2
16	F1613	Vibration Absorb Plug	減震橡膠塞	4
17	SV245	Screw(M4-0.7x16)	螺絲	3
18	L2318	Handwheel	手推輪	1
19	L2319-1	Collar	軸套	1
20				
21	F1621	Safety Cover	小馬達安全蓋	1
22	MDA060	Screw(M3-0.5x6)	螺絲	4
23	L2323-1	Code Ring	有色橡膠圈	1
24	L0231	Cord Plate	定位線固定板	1
25	L0231-A	Synchronizer Complete Set	雙定位線組	1
26	L1326	Screw(SM 11/64-40x5.3)	螺絲	1
27	L1327NI	Screw(M6-1.0x23)	螺絲	1
28	15-39	Spring Washer	彈簧華司	3

14



UNDER THREAD TRIMMER

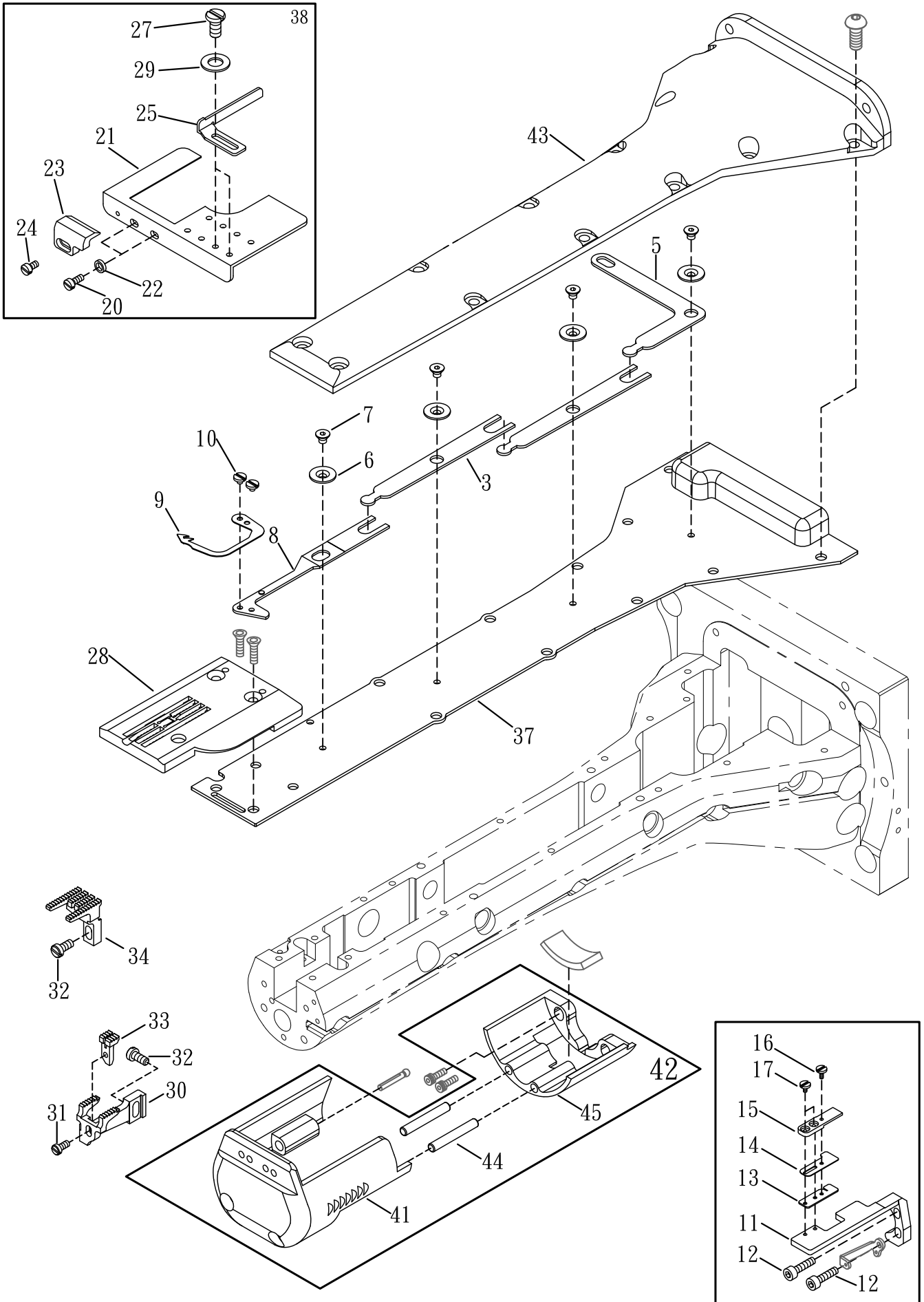
自動切線 下切刀機構

14

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				
2				
3	LL1403	Lower Knife Connecting Rod	下切刀連桿	2
4				
5	L1405	Lower Knife Driving Lever	驅動桿	1
6	LL1406	Knife Guide Lever Ring	導引切刀搖臂偏心輪	4
7	L1407	Screw(M4-0.7X5)	皿型螺絲	4
8	L1408-1	Lower Knife Carrier	下切刀活動刀座	1
9	L1409-4	Lower Knife	下切活動刀	1
10	L1410	Screw(M4-0.5X2)	螺絲	2
11	L1411-4	Lower Knife Carrier	下切固定座	1
12	20-14	Screw(M3-0.5X12)	螺絲	2
13	L1413	Upper Knife Guide	刀墊座	1
14	L1414	Clamp Spring	夾線片	1
15	L1415-3	Upper Knife	下切固定刀	1
16	L1416	Screw	螺絲	1
17	L1417	Screw	螺絲	2
18				
19				
20				
21	LL1421	Folder Stand(For Thread Trimming)	折下擺固定座 (切線用)	1
22	WF03	Washer	墊片	2
23	L0245	Fabric Edge Guide (Left)	左檔邊	1
24	SV208	Screw(M3-0.5X4.4)	螺絲	2
25	L0243-1	Width Adjuster	可調檔邊	1
26				
27	GW15	Screw (M4 - 0.7 × 5)	螺絲	2
	-	Stitch Plate (With EWT/EST/AWT/AST)	針板(以下,切線用)	
	L1428-2404	Stitch Plate (240)(Optional)	針板(切線)(2針4.0)(選購)	
	L1428-2484	Stitch Plate (248)(Optional)	針板(切線)(2針4.8)(選購)	
	L1428-3565	Stitch Plate (356)(Optional)	針板(切線)(3針5.6)(選購)	
	L1428-3604	Stitch Plate (360)(Optional)	針板(切線)(3針6.0)(選購)	
	L1428-3642	Stitch Plate (364)(Optional)	針板(切線)(3針6.4)(選購)	
28	L1428-356S4	Stitch Plate (356)(Needle: φ 1.16)(Optional)	針板(切線)(3針5.6)(細針 φ 1.16)(選購)	1
	L1428-452S	Stitch Plate (452)(Needle: φ 1.16)(Optional)	針板(切線)(4針5.2)(細針 φ 1.16)(選購)	
	L1428-460S	Stitch Plate (460)(Needle: φ 1.16)(Optional)	針板(切線)(4針6.0)(細針 φ 1.16)(選購)	
	L1428-464S	Stitch Plate (464)(Needle: φ 1.16)(Optional)	針板(切線)(4針6.4)(細針 φ 1.16)(選購)	
	L1428-356CT	Stitch Plate (356)(COATS)(Optional)	針板(切線)(3針5.6)(高仕線用)(選購)	
	L1428-248TN1	Stitch Plate (248)(Light Fabric)(Optional)	針板(切線)(2針4.8)(薄料)(選購)	
	L1428-356TN1	Stitch Plate (356)(Light Fabric)(Optional)	針板(切線)(3針5.6)(薄料)(選購)	
	L1428-360TN1	Stitch Plate (360)(Light Fabric)(Optional)	針板(切線)(3針6.0)(薄料)(選購)	
29	WF04	Washer	墊片	2
30	L1154-356-1	Differential Feed Dog	差動齒	1

* Ref. No. 31 to 45 See the following page

14



UNDER THREAD TRIMMER

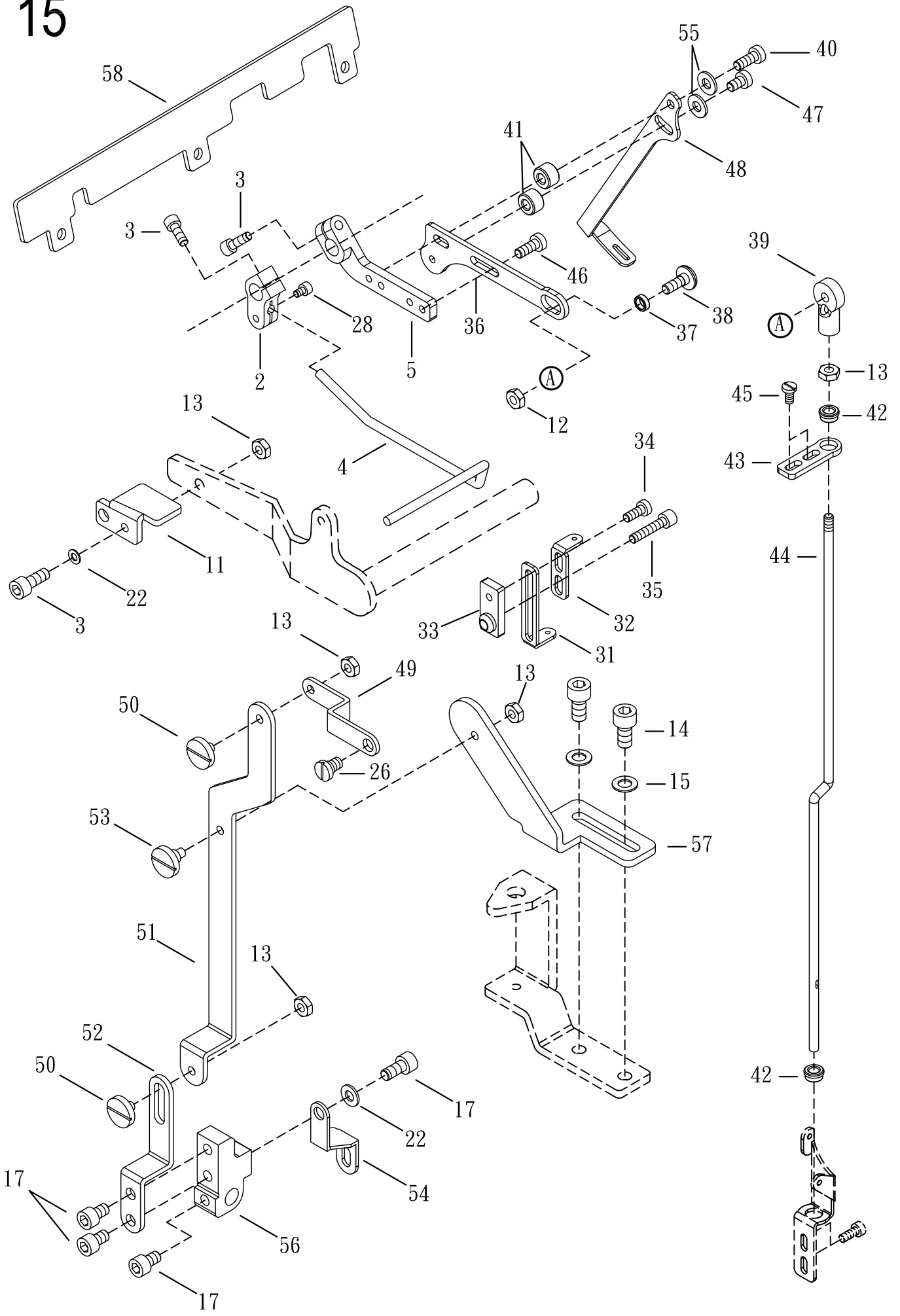
自動切線 下切刀機構

14

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
31	SV215	Screw	螺絲	1
32	SV310	Screw	螺絲	2
33	L1157-356-2	Differential Feed Dog(Middle)	差動齒(小)	1
34	L1158-356-1	Main Feed Dog	主動齒	1
35				
36				
37	LL1437	Cylinder Top Cover (Inner)(For Thread	縱筒上蓋(內側) (切線用)	1
38	L1421A	Hemming set (for Thread Trimming)	折下擺固定板組(切線用)	1
39				
40				
41	LL1441	Cylinder Front Cover	縱筒前蓋	1
42	LL1441-A	Cylinder Front Cover Set	縱筒前蓋組	
43	LL1443-3	Cylinder Top Cover (For Thread Trimmi	縱筒上蓋 (切線用)	1
44	LL0264	Pin	針狀軸承	2
45	LL0260	Cylinder Front Cover	縱筒前蓋(小)	1

* Ref. No. 01 to 30 See the following page

15



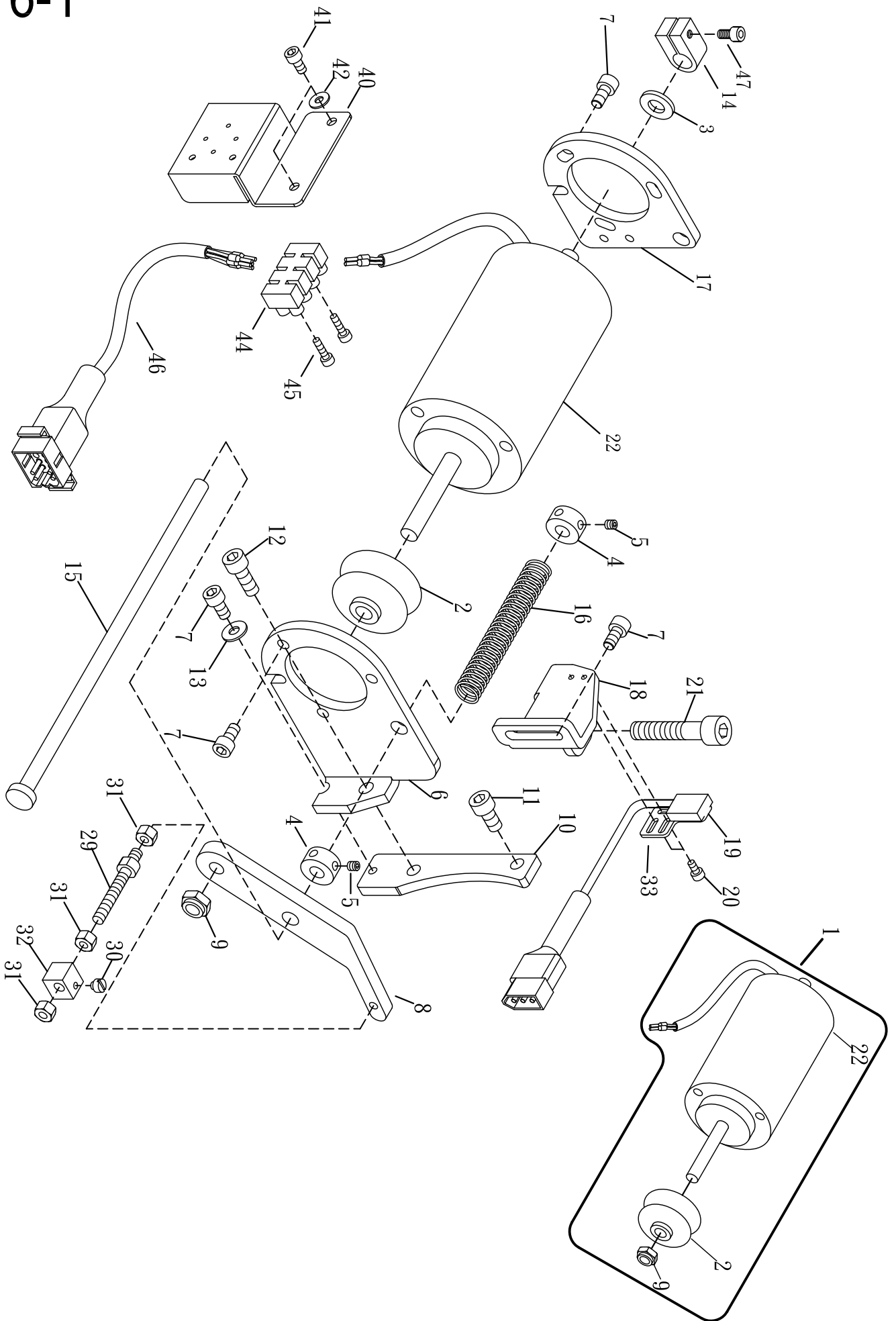
AUTO TRIMMER THRAD PULL-OFF MECHANISH

自動切線鬆線機構

15

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				
2	L1502-1	Tension Release Lever	鬆線曲柄	1
3	SF226Ni	Screw(M4-0.7X12)	螺絲	3
4	L1504	Thread Wiper Lever	撥線桿	1
5	L1505	Tension Release Lever	鬆線曲柄	1
11	L1511	Lifter Lever Stop	提升限位片	1
12	NF12	Nut (SM 11/64 - 40)	螺帽	1
13	NF27	Nut (M4-0.7)	螺帽	5
14	SF244Ni	Screw (M6-1.0X16)	螺絲	2
15	WF06	Washer	墊片	2
17	SV252Ni	Screw (M5-0.8X10)	螺絲	4
22	VK48	Washer	墊片	4
26	L0328	Screw(M5-0.8X5.4)	螺絲	1
28	SF224Ni	Screw(M4-0.7X8)	螺絲	1
31	L1531	Looper Thread Eyelet	下飾線過線板	1
32	L1532	Looper Thread Eyelet (Right)	下飾線過線板(右)	1
33	L1533	Looper Thread Eyelet (Left)	下飾線過線板(左)	1
34	SV229	Screw(M4-0.7x7)	螺絲	2
35	SF221	Screw(M4-0.7x20)	螺絲	1
36	L1536	Link (Long)	連接柄(長)	1
37	L1537	Bushing	襯套	1
38	L1538	Screw (SM 11/64 - 40x9.82)	螺絲	1
39	L1539-1	Link	連接柄	1
40	MFP160Ni	Screw(M4-0.7x16)	螺絲	1
41	VK41	Spacer	墊塊	2
42	L1542-1	Cushion Rubber	防震橡膠	2
43	L1543	Thread Pull-off Eyelet	過線鬆線架	1
44	L1544-2	Thread Pull-off Bar	過線鬆線桿	1
45	SF114	Screw	螺絲	2
46	SV221	Screw(M4-0.7x8)	螺絲	1
47	SF226Ni	Screw(M4-0.7x12)	螺絲	1
48	L1548	Looper Thread Take-up	下飾線揚線桿	1
49	L1549	Link(short)	連接柄(短)	1
50	L1550	Screw (M4 x 0.7)	螺絲	2
51	L1551	Link(Long)	連接柄(長)	1
52	L1552-1	Tension Release Connecting Plate	安全開關固定座	1
53	L1553	Screw(M4-0.7x7.6)	螺絲	1
54	L1554	Magnetic Bracket	磁鐵座	1
55	WF04	Washer	墊片	2
56	L1556	Tension Release Block	壓簧固定座	1
57	L1557-1	Connecting Plate	連結器	1
58	L0316-1	Tension Disc Separator	鬆線滑板	1

16-1



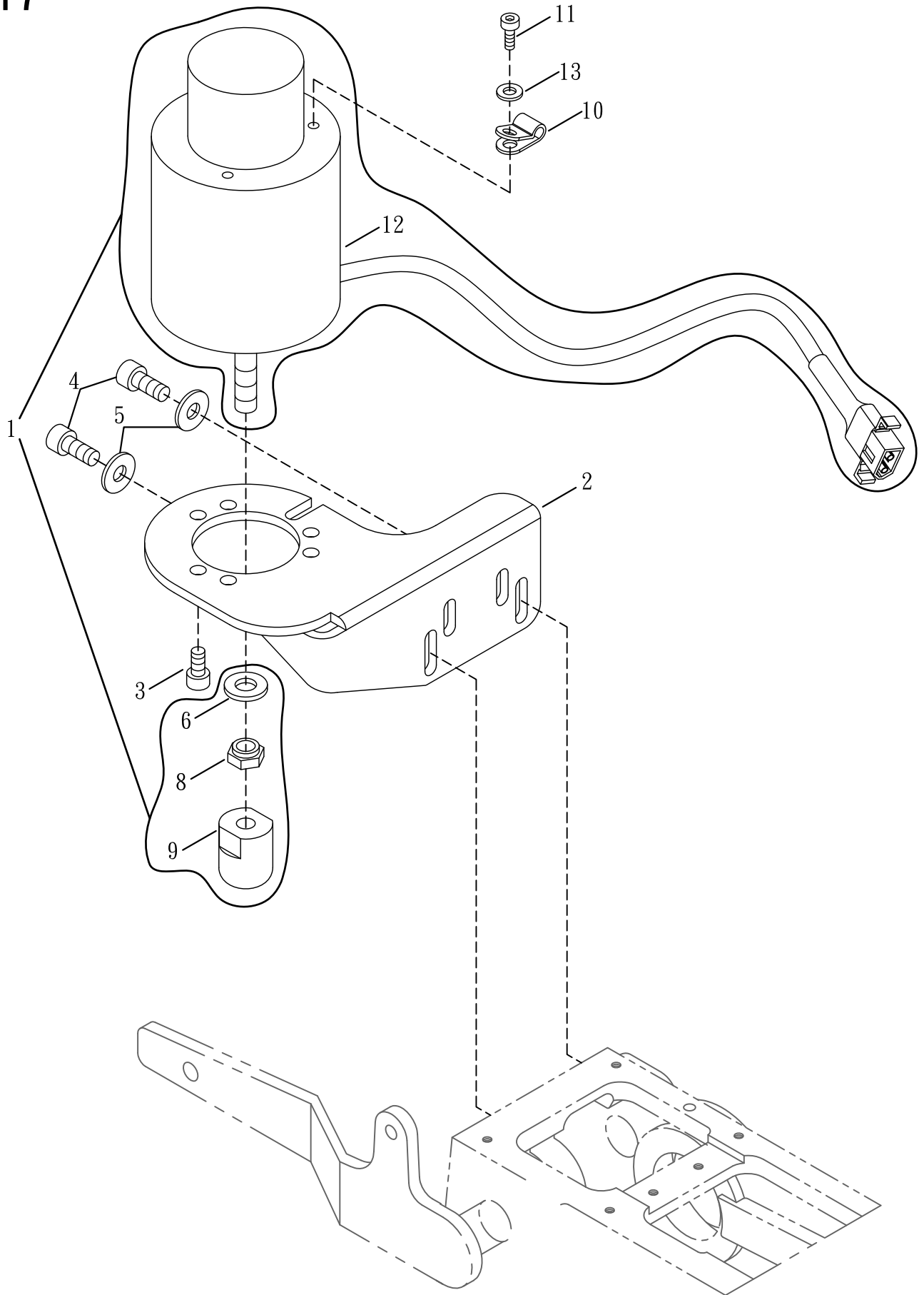
UNDER THREAD TRIMMER(ELECTRIC TYPE)(OPTIONAL)

電磁式下切刀驅動機構(選購)

16-1

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	L1601	Under Trimmer Solenoid Complete Set	下切刀電磁閥組	1
2	L1602	Solenoid Body	電磁閥伸縮護套	1
3	21-06	Rubber Cushion	橡膠	1
4	VH32	Collor(8mm X 16mm X 8mm)	定位環	2
5	SF228	Screw(M4-0.7x4)	螺絲	4
6	L1606	Trimming Solenoid Support	下切刀驅動固定座	1
7	SV252Ni	Screw(M5-0.8x10)	螺絲	8
8	L1608-1	Shaft Support	軸心固定座	1
9	18-05	Nut	螺帽	1
10	L1610	Fixed Plate	驅動固定塊	1
11	GK03Ni	Screw(M6-1.0X14)	螺絲	1
12	GA29Ni	Screw(M6-1.0X20)	螺絲	1
13	VK48	Washer	墊片	1
14	21-07	Collar	止推座	1
15	L1615-1	Solenoid Return Shaft	螺桿軸心	1
16	L1616-1	Spring	彈簧	1
17	L1617	Trimming Solenoid Support	下切刀驅動固定座	1
18	L1618-1	Safety Switth Support	安全開關固定座	1
19	L1619	Safety Switch Bracket	安全開關座	1
20	SF211Ni	Screw(M3-0.5X6)	螺絲	2
21	L1621Ni	Screw (M8-1.25X40)	螺絲	1
22	L1605	Solenoid	電磁閥	1
29	19-36	Screw(M5-0.8X40)	螺絲	1
30	L1630	Screw(M4-0.7X5)	螺椿	1
31	NV12	Nut	螺帽	3
32	LL1632	Adjusting Rod Block	調節桿座	1
33	L1633	Safety Switch Bracket	安全開關座	1
40	F1616	Solenoid Base	電子閥固定座	1
41	SF222Ni	Screw(M4-0.7x6)	螺絲	2
42	WF04		墊片	2
43				
44	19-40	Terminator Base	端子座	1
45	MDA100	Screw(M3-0.5x10)	螺絲	2
46	19-43	Adopting Cord	電切用中繼線	1
47	SV253Ni	Screw(M5-0.8X16)	螺絲	1

17



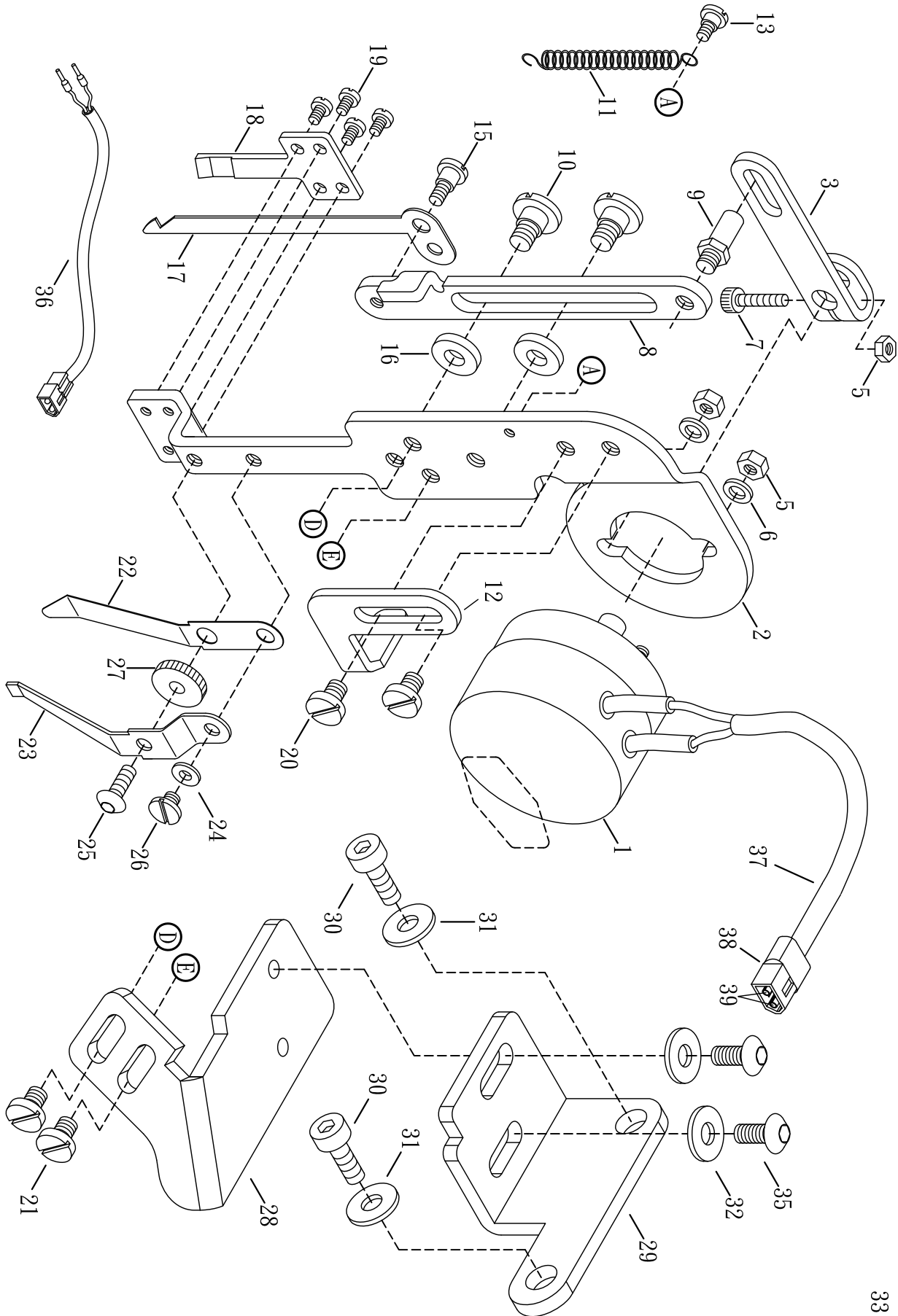
PRESSER FOOT LIFTER (ELECTRIC TYPE)(OPTIONAL)

電磁式抬押腳驅動機構(選購)

17

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L1701-1	Presser Foot Lifter Solenoid Complete S	抬押腳電磁閥組	1
2	L1702	Solenoid Support	電磁閥吊座	1
3	SV252Ni	Screw(M5-0.8×10)	螺絲	3
4	GK03Ni	Screw (M6 - 1.0 × 14)	螺絲	2
5	WF06	Washer	墊片	2
6	L1706	Rubber Cushion	橡膠墊	1
7	L1707	Washer	墊片	1
8	L1708	Nut	螺帽	2
9	L1709	Plastic Pushing Block	塑膠推塊	1
10	FL29	Plastic Clamp	塑膠固定夾	1
11	SV259Ni	Screw(M5-0.8×6)	螺絲	1
12	L1703	Solenoid	電磁閥	1
13	WF04-1	Washer	墊片	1

18-1

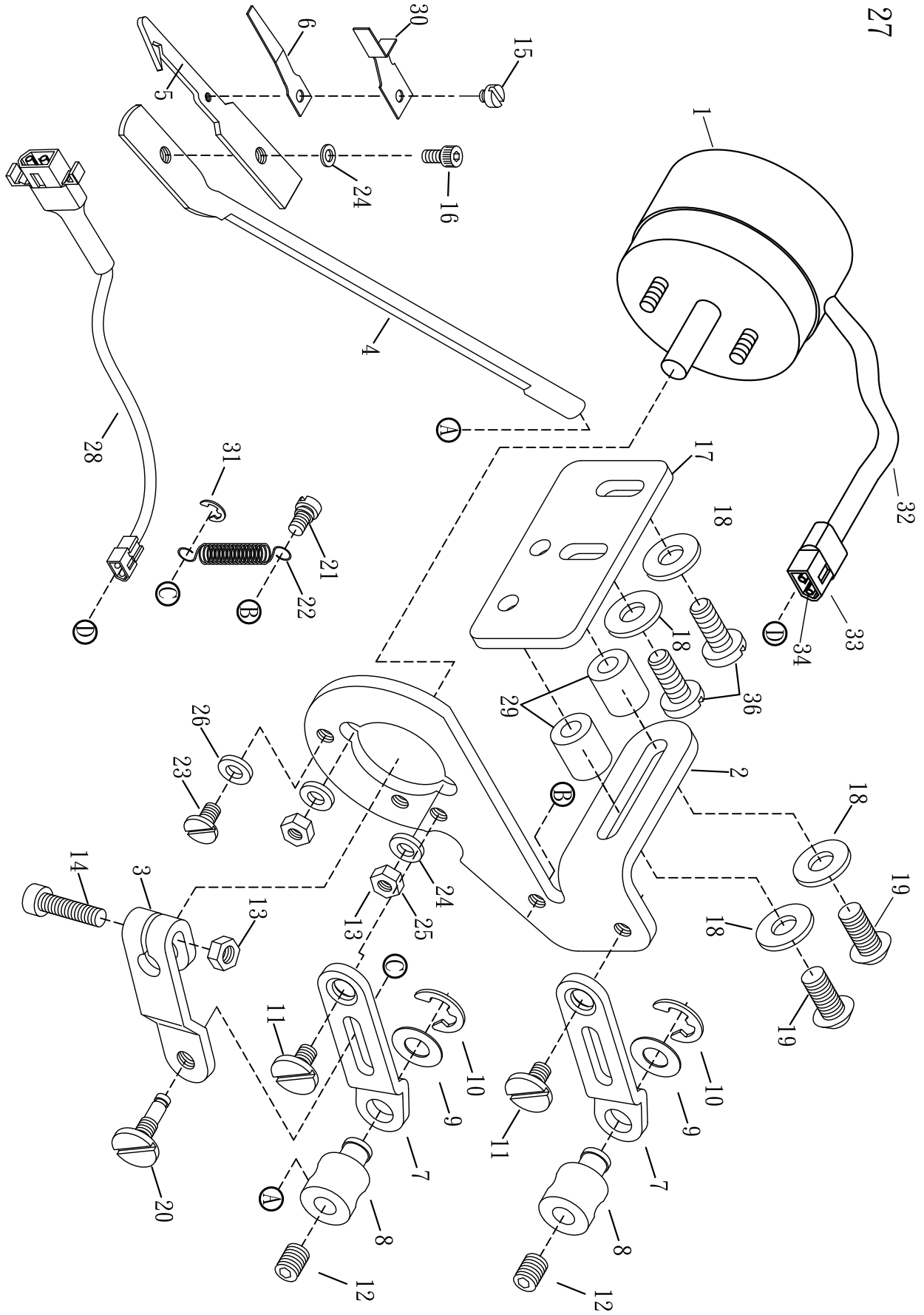


TOP THREAD TRIMMER (ELECTRIC TYPE)(OPTIONAL)

電磁式上切刀機構(選購)

18-1

Ref. No.	Parts No.	Description	產 品 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	37-03-1	Solenoid Driving Arm	電磁閥驅動臂	1
4	37-04	Emblem	名牌	1
5	37-05	Nut	螺帽	3
6	18-24	Washer	華司	3
7	37-07	Screw	螺絲	1
8	37-08-1	Top Trimmer Guide Plate	上切刀導槽座	1
9	37-09	Screw	導槽連接螺絲	1
10	37-10	Screw	螺絲	2
11	37-11	Spring	拉簧	1
12	37-12-1	Adjusting Screw	調節器	1
13	37-13	Screw	螺絲	1
14				
15	18-15-1	Screw	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	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	18-23-1	Knife Press Adjusting Spring	夾線押力片	1
24	18-24	Washer	墊片	1
25	18-25	Adjusting Screw	調節螺絲	1
26	18-26	Screw	螺絲	1
27	18-27	Nut	調節螺帽	1
28	L1828	Knife Guide Bracket	方向作動調整座	1
29	L1829	Upper Trimming Knife Base	上切刀固定座	1
30	GL16Ni	Screw(M6-1.0x12)	連座螺絲	2
31	WF06	Washer	華司	2
32	FA24	Washer	華司	2
33	L1833	Top Thread Trimmer, Complete Set	上切刀整組	1
34				
35	18-31	Screw	螺絲	2
36	LL1836	Connector(400mm)	端子連接線	1
37	20-32	PVC Cover	PVC套管	1
38	20-33	Connector Cover	連接器套頭	1
39	20-34	Terminal	端子(母)	2



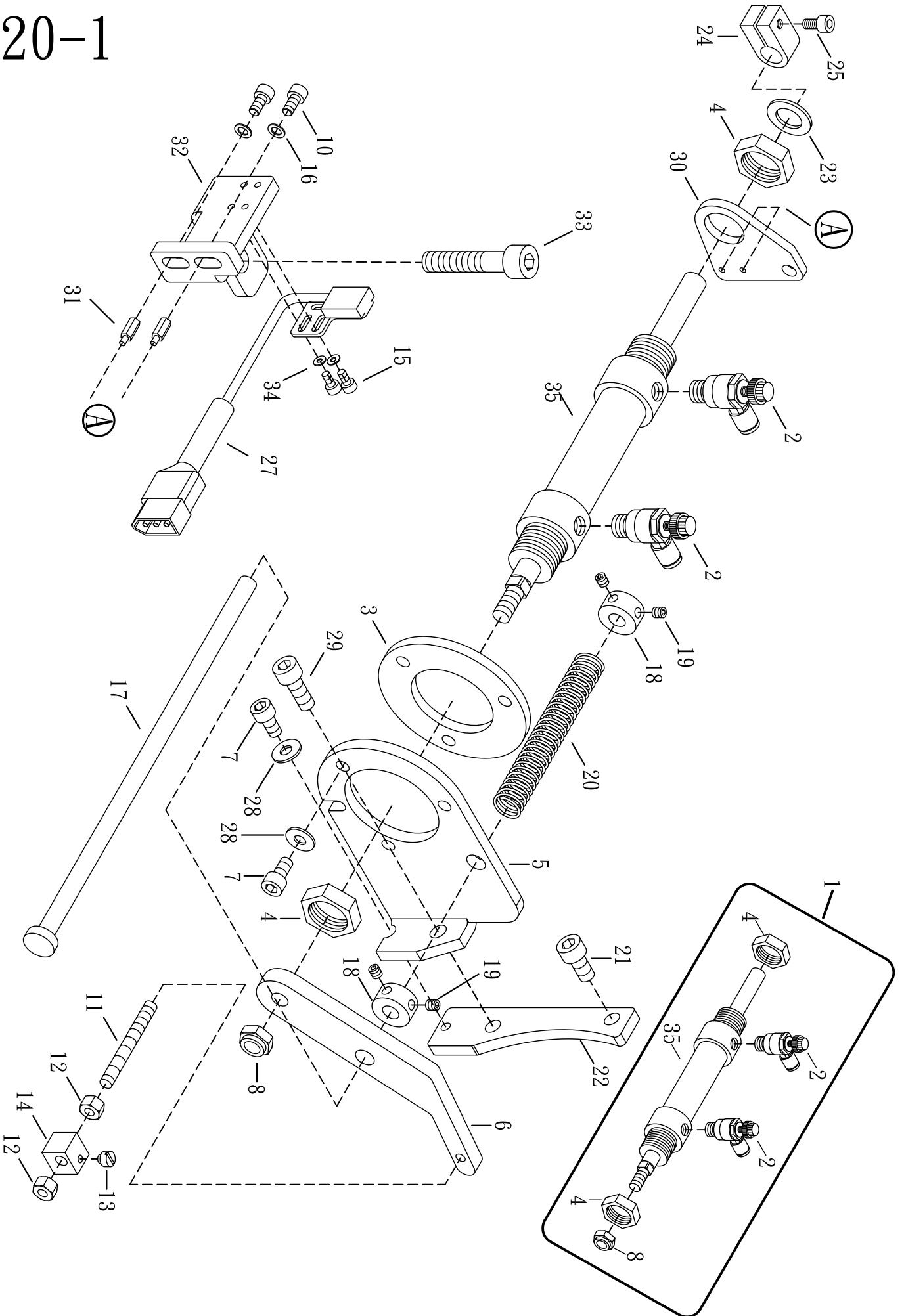
ELECTRIC WIPER (OPTIONAL)

電磁式上撥線機構(選購)

19-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L1901	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	20-07	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	Screw	螺絲	2
12	SF228	Screw (M4/0.7×4)	螺絲	2
13	37-05	Nut (M3 × 0.5)	螺帽	1
14	20-14	Screw (M3 × 0.5 -12)	螺絲	1
15	20-15	Screw (M2 × 0.4-2)	螺絲	1
16	17-22	Screw (M3 × 0.5-4)	螺絲	1
17	L1917	Solenoid Support Link	連接支撐架	1
18	WF04	Washer (M4)	墊片	4
19	SV231	Screw (M4 × 0.7-18)	螺絲	2
20	20-20	Pin Screw	驅動臂插銷	1
21	37-13	Screw(M3×0.5-2.4)	螺絲	1
22	N2622	Spring	拉簧	1
23	SV112	Screw (SM9/64×40-4.5)	螺絲	1
24	18-24	Washer	墊片	3
25	20-25	Nut (M3)	螺帽	2
26	20-26	Stop Washer	消力擋	1
27	L1927	Wiper Set	撥線器組	1
28	L1836	Extension Cord	連接延長線	1
29	L1929	Bushing	襯套	1
30	N2629	Needle Guard	頂針片	1
31	H1341	Retaining Ring	扣環	1
32	20-32	PVC Cover	PVC套管	1
33	20-33	Connector Cover	連接器套頭	1
34	20-34	Terminal	端子(母)	2
35				
36	SV232	Screw (M4 × 0.7 - 10)	螺絲	2

20-1



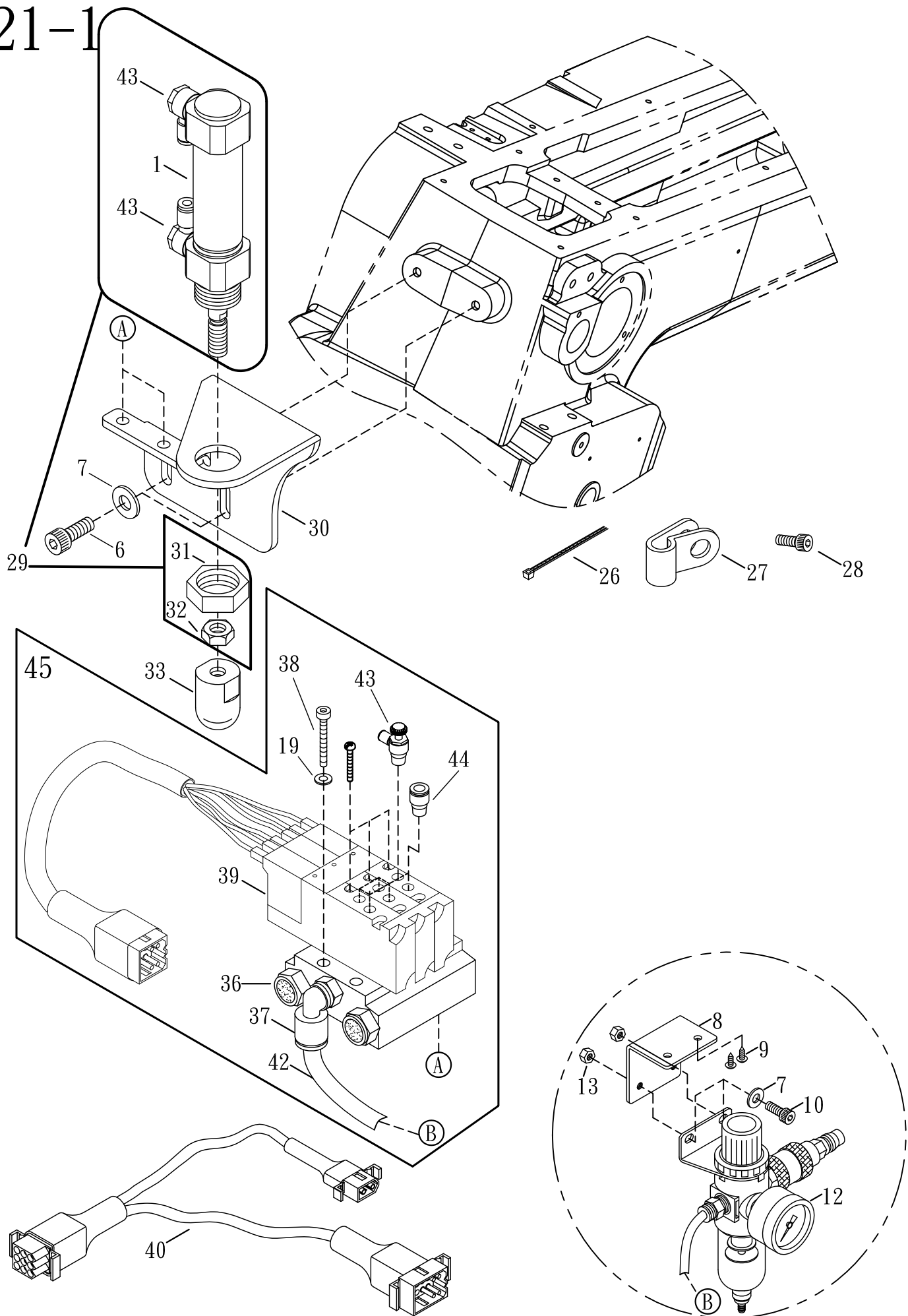
UNDER THREAD TRIMMER (PNEUMATIC TYPE) (OPTIONAL)

氣壓式下切刀驅動機構(選購)

20-1

Ref.	Parts			Amt.
No.	No.	Description	產 品 名 稱	Req.
1	L2001	Trimming Cylinder Complete Set	氣缸組	1
2	L2002	Adjusting Air Value	調節閥	2
3	L2003	Cylinder Bracket	氣缸連座	1
4	L2004	Nut	螺帽	1
5	L1606	Trimming Solenoid Support	下切刀驅動固定座	1
6	L1608-1	Shaft Support	軸心固定座	1
7	SV252Ni	Screw (M5-0.8x10)	螺絲	4
8	L2008	Nut	螺帽	1
9				
10	SF226Ni	Screw (M4-0.7x8)	螺絲	2
11	19-36	Screw	螺絲	1
12	NV12	Nut	螺帽	2
13	L1630	Screw(M5-0.8X26)	螺椿	1
14	LL1632	Adjusting Rod Block	調節桿座	1
15	SF211Ni	Screw	螺絲	2
16	WF03	Washer	墊片	2
17	L1615	Solenoid Return Shaft	螺桿軸心	1
18	VH32	Collor(8mm X 16mm X 8mm)	定位環	2
19	SF228	Screw(M4-0.7X4)	螺絲	4
20	L1616	Spring	彈簧	1
21	GK03Ni	Screw(M6-1.0x14)	螺絲	1
22	L1610	Fixed Plate	驅動固定塊	1
23	21-06	Anti-shock Rubber	避震膠墊	1
24	21-07	Collar	止推座	1
25	SF231Ni	Screw(M5-0.8x14)	螺絲	1
26				
27	L1619	Safety Switch Base	安全開關座	1
28	GJ08	Washer	墊片	1
29	GA29	Screw(M6-1.0x18)	螺絲	1
30	L2030	Cylinder Bracket	氣缸連座	1
31	P0166	Screw	螺絲	2
32	L1618	Bracket	固定座	1
33	L1621Ni	Screw (M8-1.25X40)	螺絲	1
34	GE47	Washer	墊片	2
35	L2005	Air Cylinder	氣缸	1

21-1

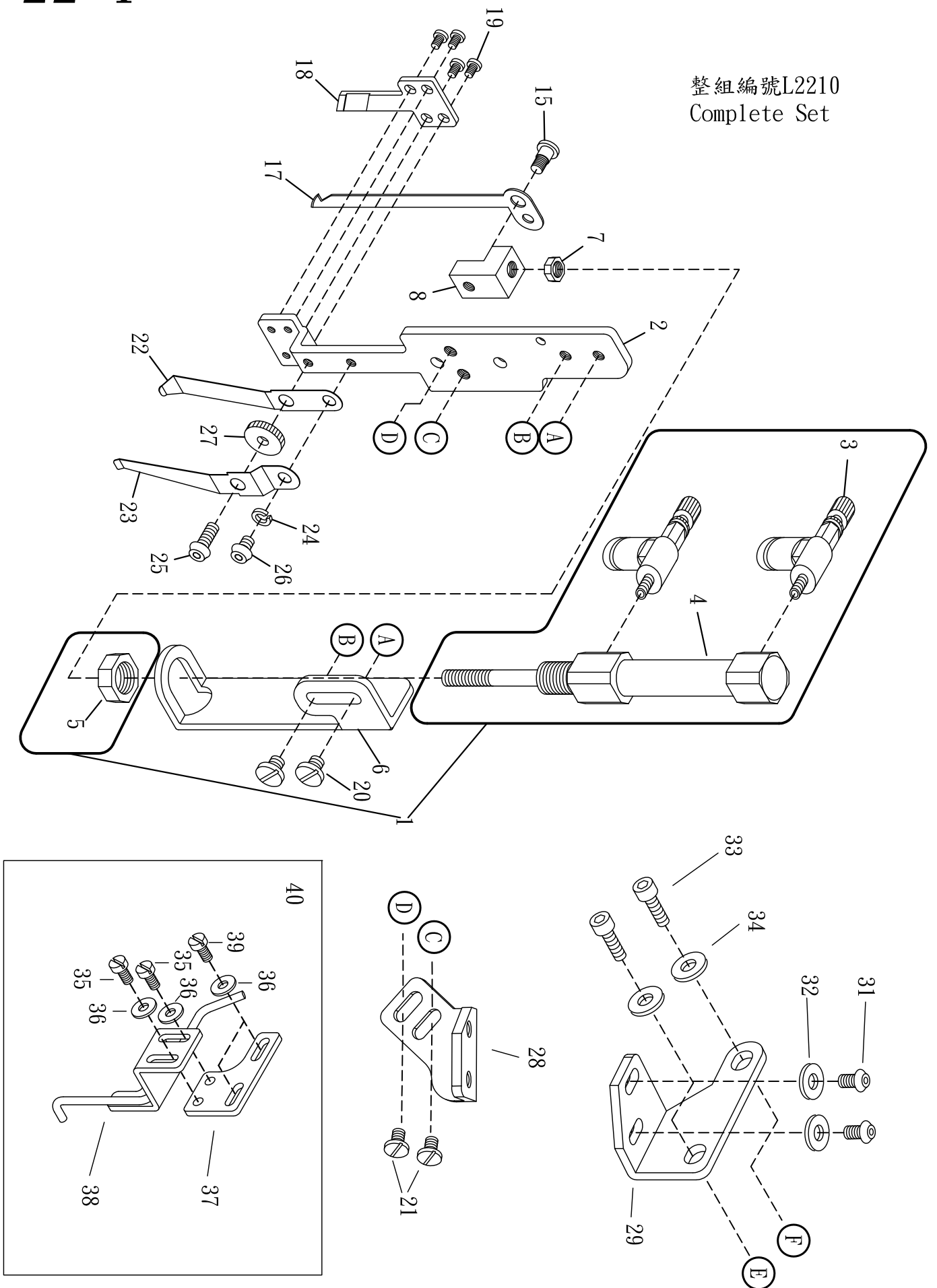


PRESSER FOOT LIFTER (PNEUMATIC TYPE)(OPTIONAL) 氣壓式抬壓腳組與氣壓閥壓力表(選) 21-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	J3225	Air Cylinder	氣缸	1
6	GK03	Screw (M6 - 1.0 × 14)	螺絲	2
7	WF06	Washer	墊片	4
8	23-08	Regulator Support	壓力表支架	1
9	15-24	Wooden Screw	木螺絲	2
10	SV266	Screw(M6-1×10)	螺絲	2
11				
12	23-12	Pressure Meter	壓力表	1
13	NF31	Nut	螺帽	2
15				
16				
19	WF04	Washer	墊片	2
20				
26	H1447	Fixed Belt	鎖式絮帶	3
27	FL29	Plastic Clamp	塑膠固定夾	2
28	SF224	Screw(M4-0.7X8)	螺絲	2
29	J3224	Air Cylinder Complete Set	氣缸組	1
30	L2130	Air Cylinder Bracket	氣缸托架	1
31	M2603	Nut	螺帽	1
32	M2604	Nut	螺帽	1
33	23-05-1	Plastic Pushing Block	塑膠推塊	1
34	L2134	Screw	螺絲	3
35				
36	K0142	Silencer	消音器	2
37	21-15	Air Tube Connector	風管接頭	1
38	SV234	Screw(M4-0.7×35)	螺絲	2
39	L2145	Solenoid Value	電磁閥	1
40	N2020	Pneumatic Adaptor Cord	風切中繼線,雙線	1
41				
42	1M036	Air Tube (φ 4× φ 6×700)	風管	1
43	21-03	Adjusting Air Value	調節閥	3
44	21-13	Air Tube	直接管	5
45	L2145-A	Air Solenoid Base Set	氣壓電磁閥組	1

22-1

整組編號L2210
Complete Set

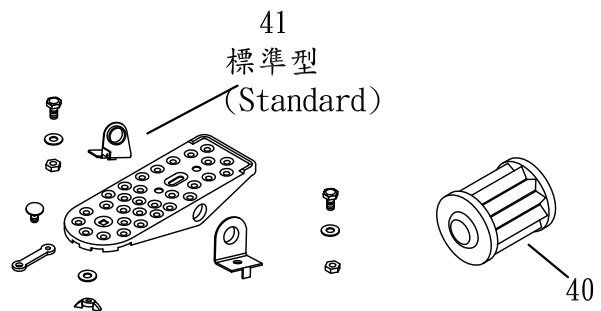
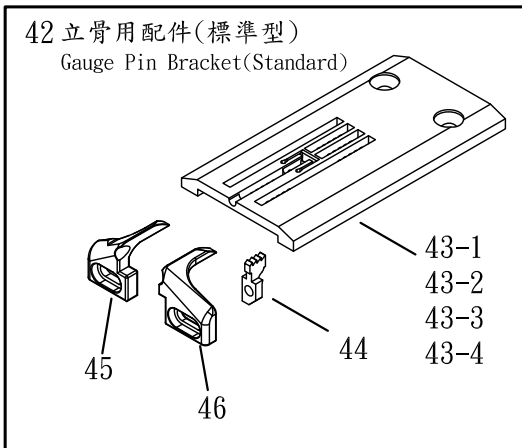
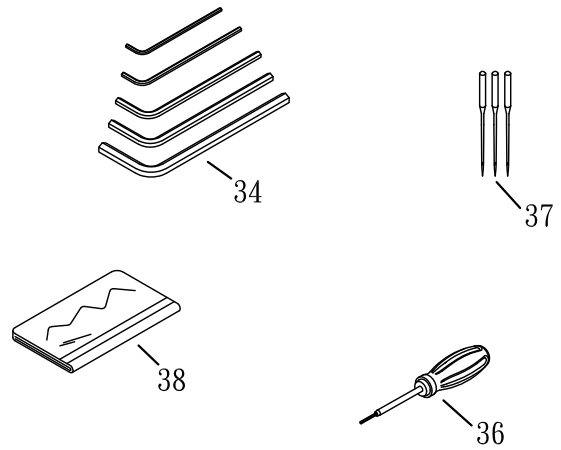
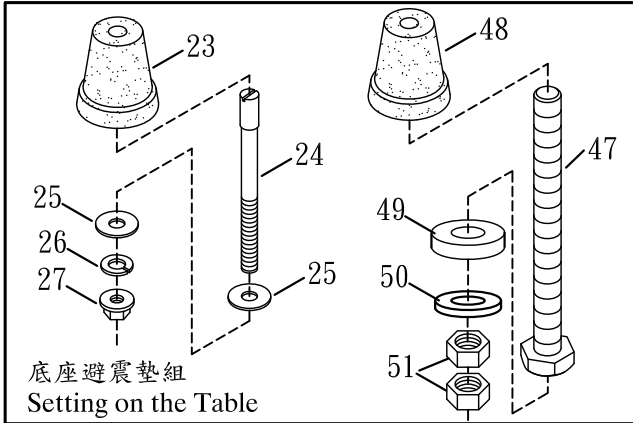
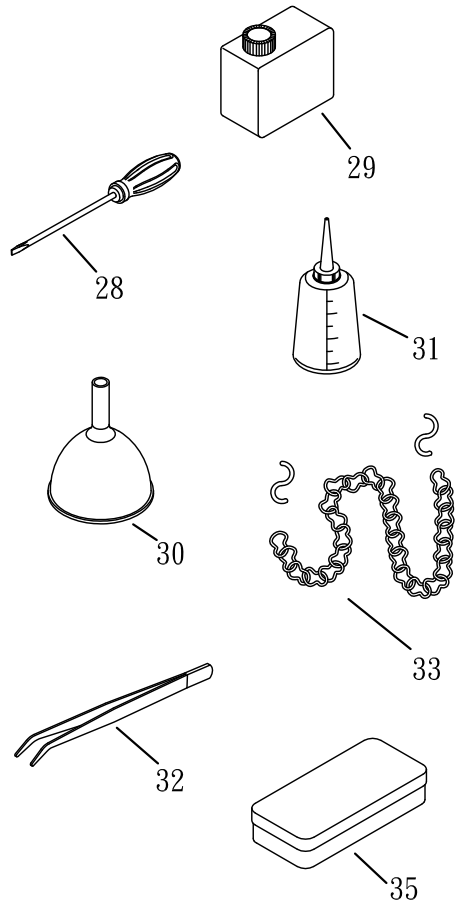
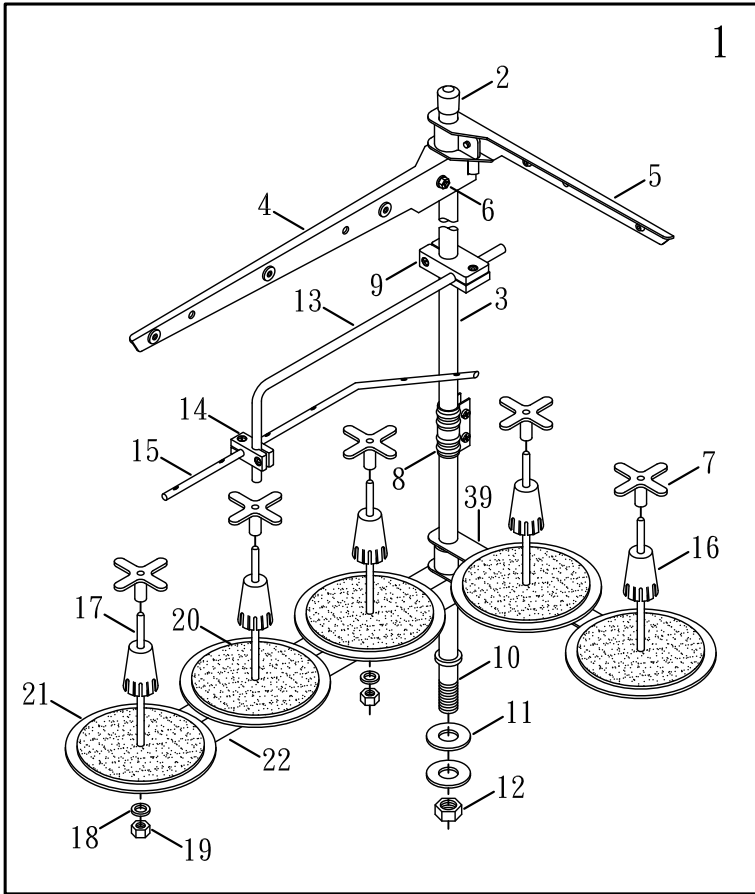


TOP THREAD TRIMMER (PNEUMATIC TYPE) (OPTIONAL)

氣壓式上切刀機構(選購)

22-1

Ref. NO.	Parts NO.	Description	零件名稱	Amt. Req.
1	18-1	Top Trimmer Air Cylinder Complete Set	上切刀氣缸組	1
2	18-2	Fixed Trimmer Knife Holder	氣壓式切刀導槽	1
3	18-3	Pneumatic Regulator	調節閥	2
4	18-4	Top Trimmer Air Cylinder	上切刀氣缸	1
5	18-5	Nut	螺帽	1
6	18-6	Air Cylinder Bracket	氣缸托座	1
7	18-7	Nut	螺帽	1
8	18-8	Movable Trimming Knife Base	活動刀固定座	1
9				1
10	L2210	Complete Set Pneumatic Top Trimmer	上切刀氣壓組	1
15	18-15-1	Screw (M3-0.5×3.4)	螺絲	1
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 (M2-0.4×3.8)	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	18-23-1	Knife Press Adjusting Spring	夾線押力片	1
24	18-24	Washer	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	Adjusting Nut	調節螺帽	1
28	L2228	Trimming Movement Base	方向作動整座	1
29	L2229	Trimming Fixed Bracket	上切刀固定作	1
30				
31	18-31	Screw (M4-0.7×8)	螺絲	4
32	FA24	Washer	華司	4
33	GK03NI	Screw (M6-1.0×14)	螺絲	2
34	WF06	Washer	華司	2
35	SF222NI	Screw(M4-0.7X6)	螺絲	2
36	WF04	Washer	墊片	4
37	L2224	Air Wiper Bracket	吹風撥線管調節定位座	1
38	L2225	Air Wiper Tube	吹風撥線管	1
39	SF224NI	Screw(M4-0.7X8)	螺絲	2
40	L2240	Air Wiperc Set	吹風撥線管整組	1



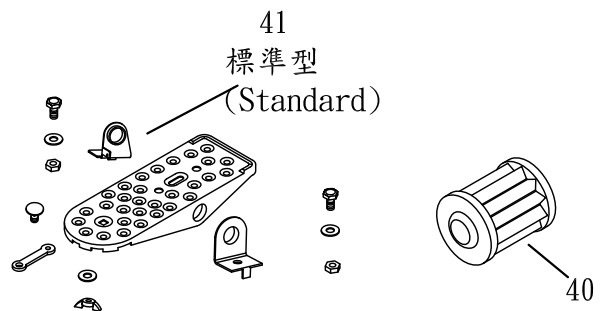
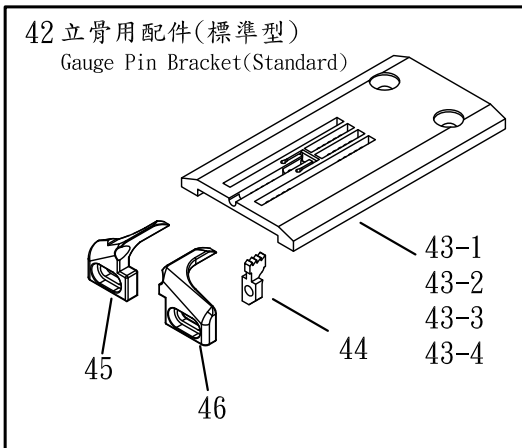
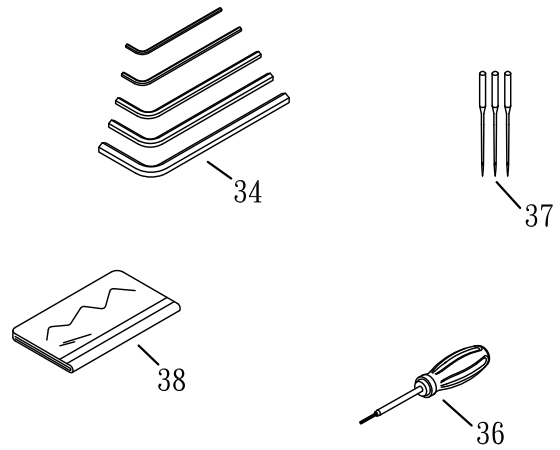
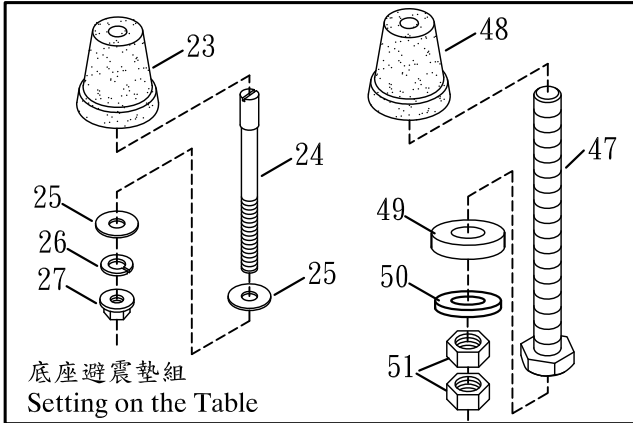
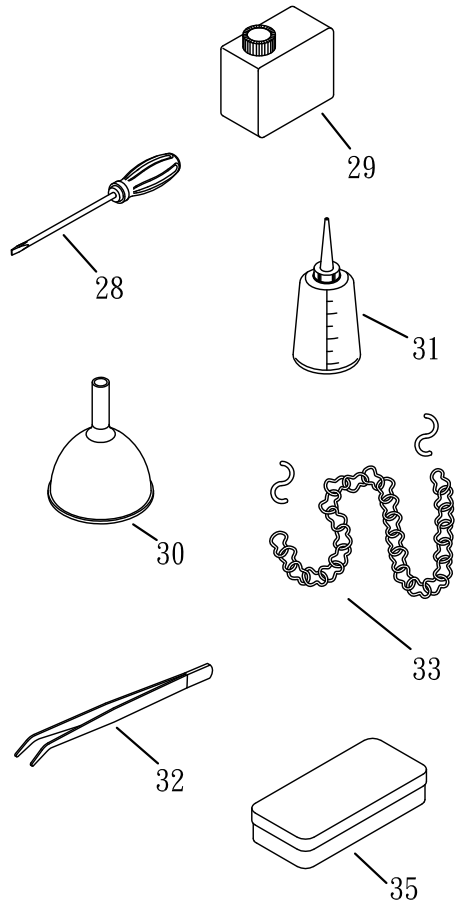
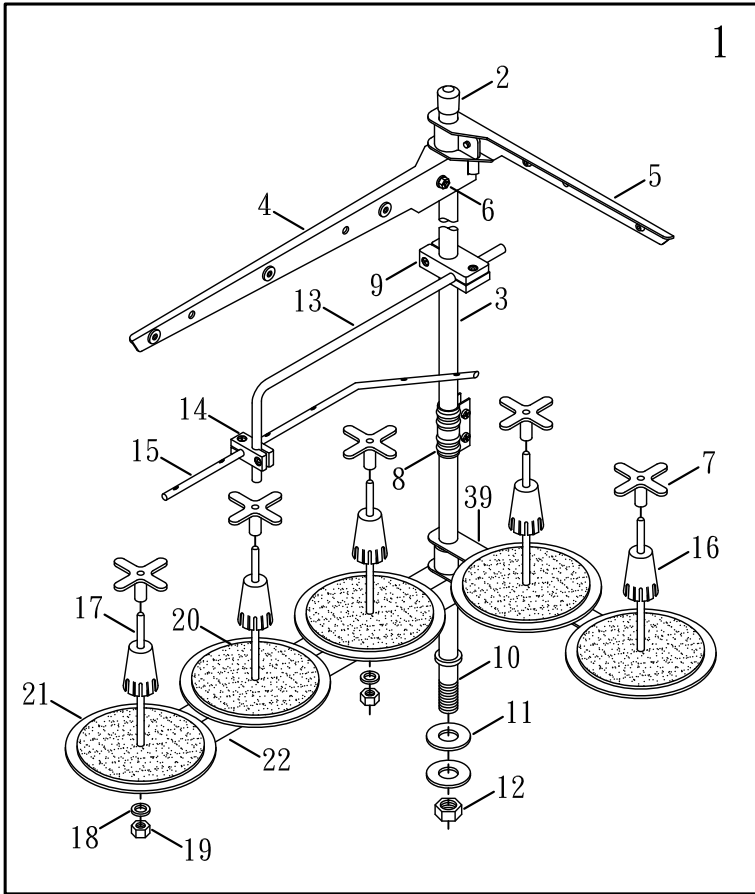
THREAD STAND & ACCESSORIES (Standard)

線架及附件(標準型)

23

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	15-25	Spool Pin Bracket (3)	3孔線軸架	1
23	N1631-2	Oil Reservoir Rubber Cushion	底座避震膠墊	2
24	15-37	Setting Screw (Long)	長底座固定螺絲	2
25	15-38	Washer	墊片	4
26	15-39	Spring Washer	彈簧華司	2
27	NV13	Nut	螺帽	2
28	FM09	Screwdriver	螺絲起子	1
29	FM11	SF Oil	油壺	1
30	FM12	Funnel	漏斗	1
31	FM13	Deerix Oil	油罐	1
32	FM14	Thread Tweezers	夾子	1
33	FM17	Chain (Standard)	鐵鍊(標準型)	1
34	FM20A	Hexagonal Wrench	六角板手	1
35	FM21	Box	零件盒	1
36	FM18	Screwdriver	六角起子	1
37	TVx7	Needle	車針	3
38	FM10	Head Cover	防塵套	1
39	15-26	Spool Pin Bracket (2)	2孔線軸架	1
40	FL20	Oil Filter	濾油器	1

* Ref. No. 41 to 51 See the following page



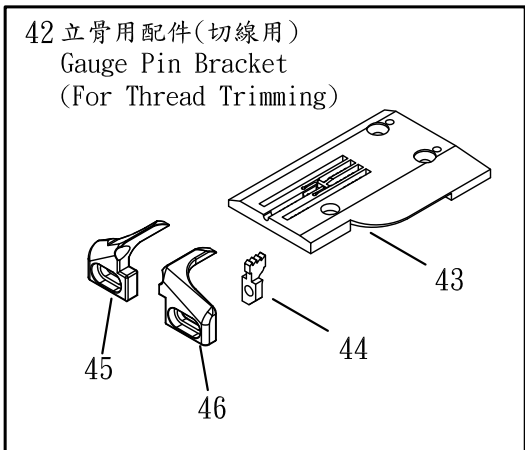
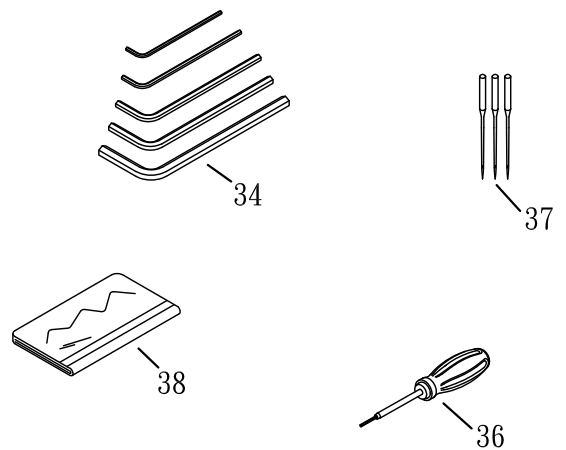
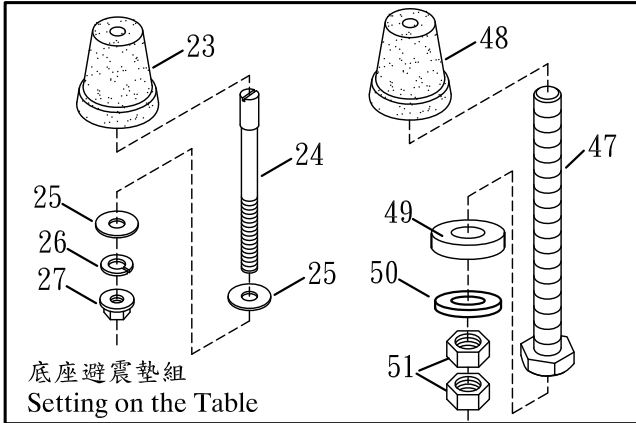
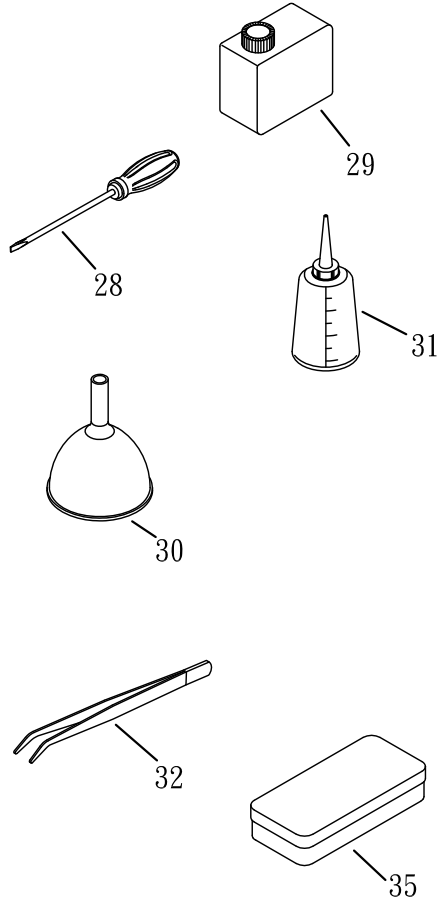
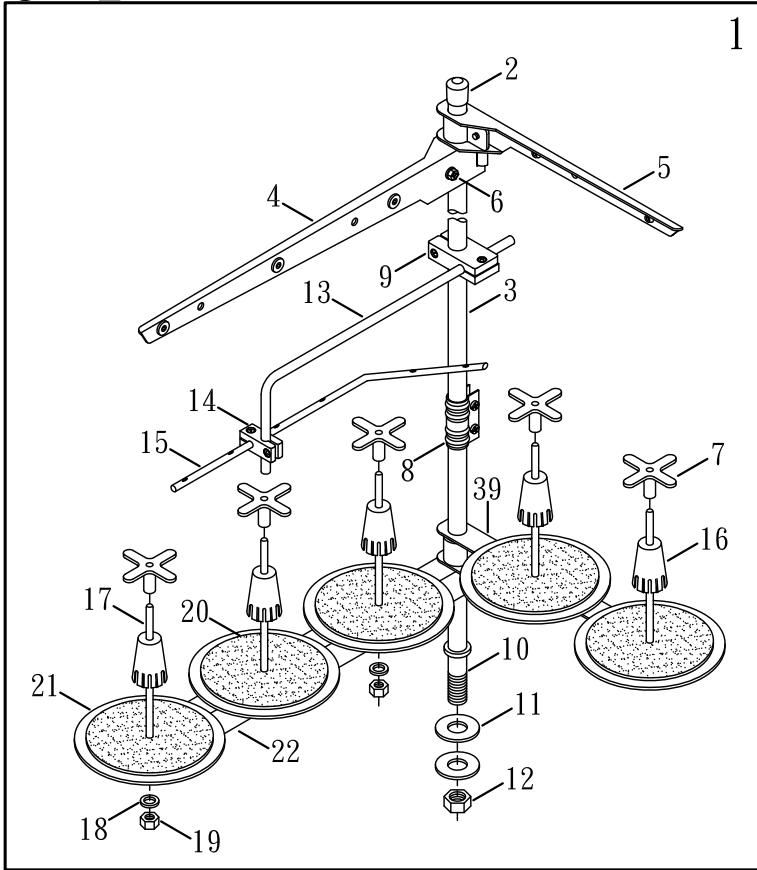
THREAD STAND & ACCESSORIES (Standard)**線架及附件(標準型)**

23

<u>Ref. No.</u>	<u>Parts No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Amt. Req.</u>
41	FM22	Presser Foot Pedal (Standard)	踏板(標準型)	1
42	L2342	Gauge Pin Bracket (Standard)	立骨用配件(標準型)	
43-*	-	(Without EWT/AWT/AST)	立骨針板(以下，普通用)	
43-1	L0634-356H2	Bulging Stitch Plate(356)(Optional)	立骨針板(3針5.6)(普通)(選購)	
43-2	L0634-364H	Bulging Stitch Plate(364)(Optional)	立骨針板(3針6.4)(普通)(選購)	1
43-3	L0634-460H1	Bulging Stitch Plate(460)(Optional)	立骨針板(4針6.0)(普通)(選購)	
43-4	L0634-464H1	Bulging Stitch Plate(464)(Optional)	立骨針板(4針6.4)(普通)(選購)	
44	L1157-356H	Differential Feed Dog(Middle)	差動齒	1
45	L0209H	Fabric Guide(Left) (Bulging)	導布器(左)(立骨)	1
46	L0211H	Fabric Guide(Right) (Bulging)	導布器(右)(立骨)	1
47	MJN1100	Setting Screw (Long)(M8-1.25X110)	長底座固定螺絲	2
48	LL2358-1	Oil Reservoir Rubber Cushion	底座避震膠墊	2
49	J3009	Rubber Cushion	橡膠	2
50	J3642	Washer	墊片	2
51	NV14	Nut	螺帽	4

* Ref. No. 01 to 40 See the following page

23-1



THREAD STAND & ACCESSORIES (FOR THREAD TRIMMING)

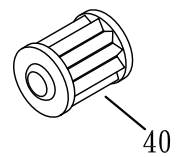
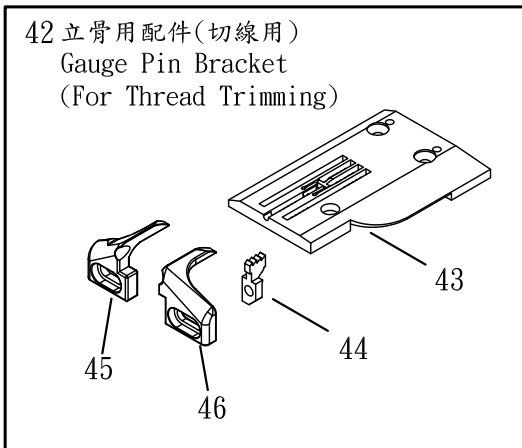
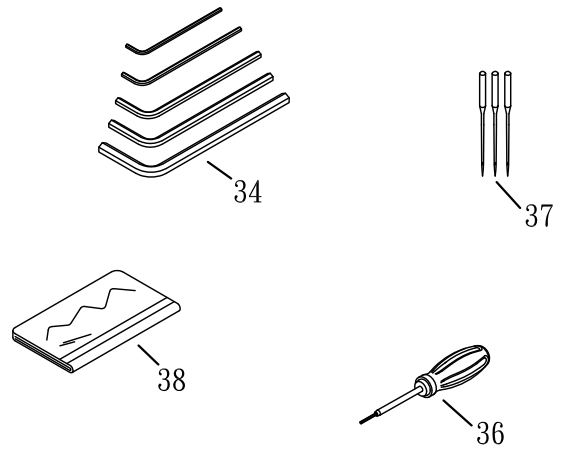
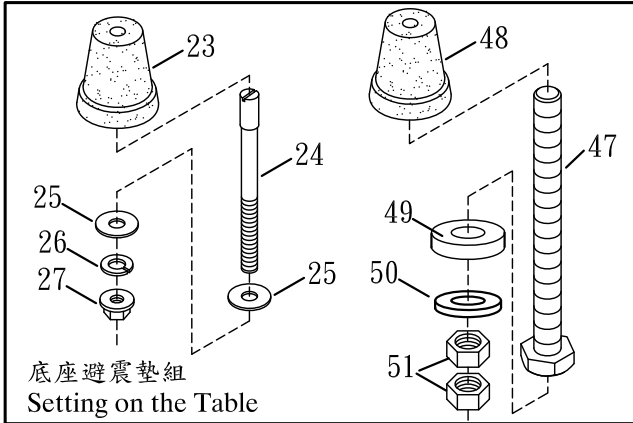
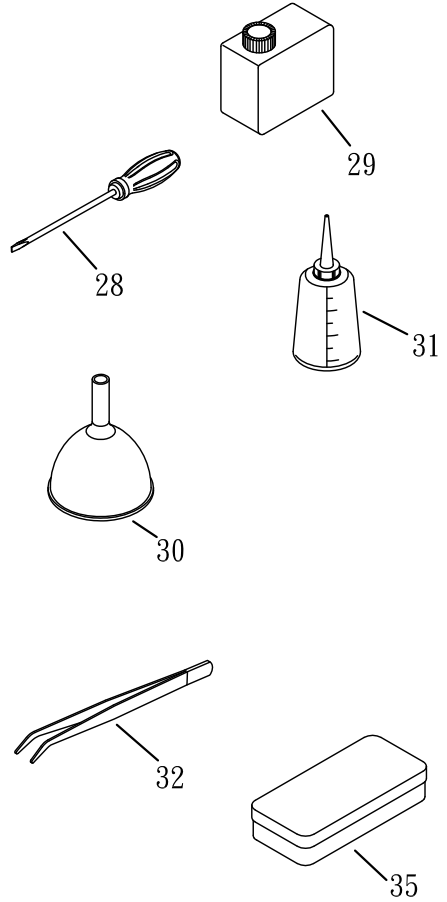
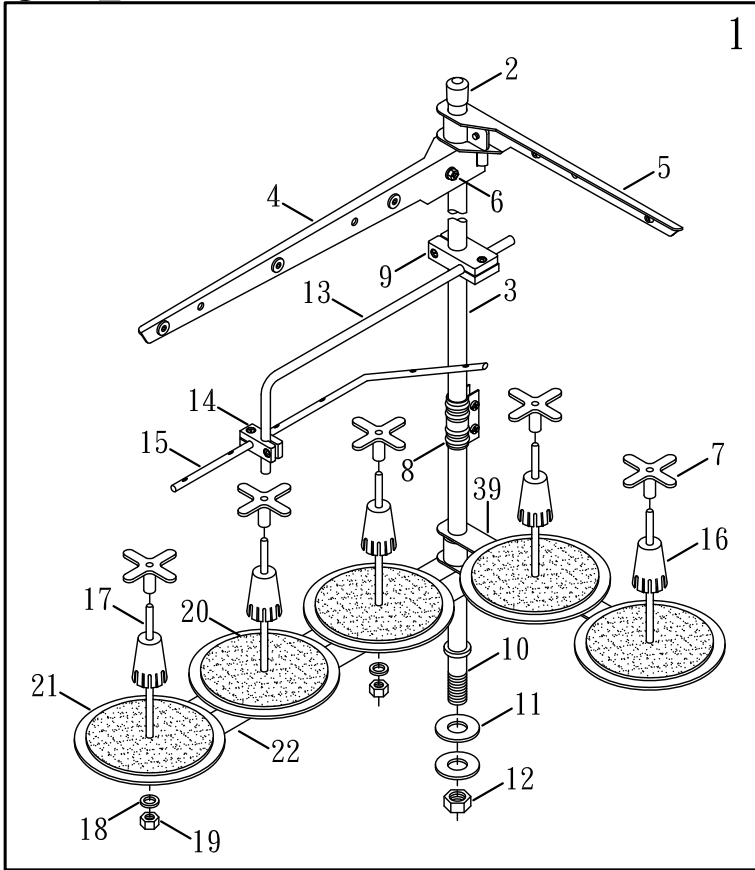
線架及附件(切線用)

23-1

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	15-25	Spool Pin Bracket (3)	3孔線軸架	1
23	N1631-2	Oil Reservoir Rubber Cushion	底座避震膠墊	4
24	15-37	Setting Screw (Long)	長底座固定螺絲	4
25	15-38	Washer	墊片	8
26	15-39	Spring Washer	彈簧華司	4
27	NV13	Nut	螺帽	4
28	FM09	Screwdriver	螺絲起子	1
29	FM11	SF Oil	油壺	1
30	FM12	Funnel	漏斗	1
31	FM13	Deerix Oil	油罐	1
32	FM14	Thread Tweezers	夾子	1
33				
34	FM20A	Hexagonal Wrench	六角板手	1
35	FM21	Box	零件盒	1
36	FM18	Screwdriver	六角起子	1
37	TVx7	Needle	車針	3
38	FM10	Head Cover	防塵套	1
39	15-26	Spool Pin Bracket (2)	2孔線軸架	1
40	FL20	Oil Filter	濾油器	1

* Ref. No. 41 to 51 See the following page

23-1



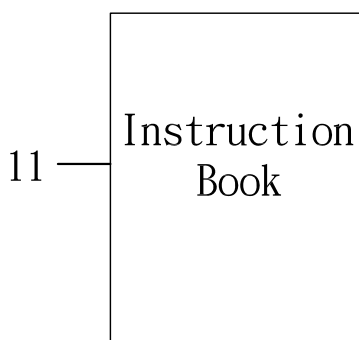
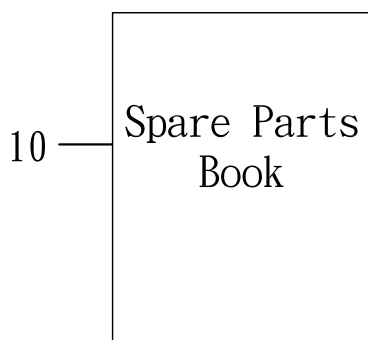
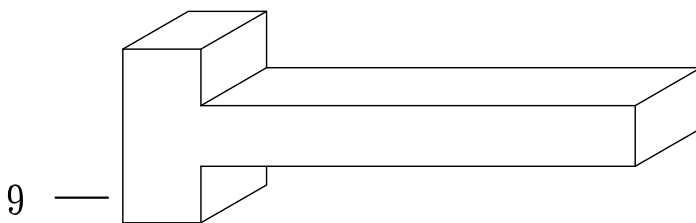
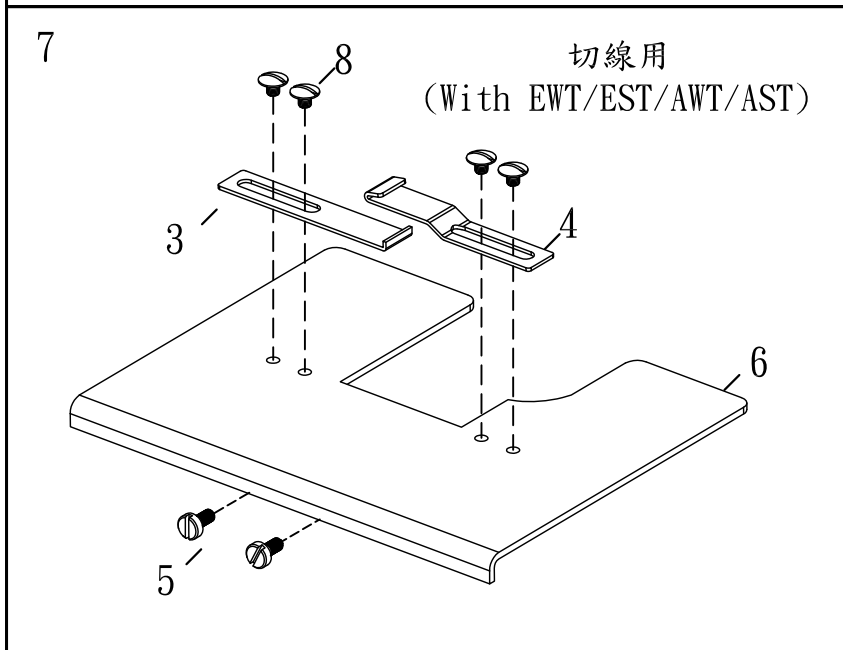
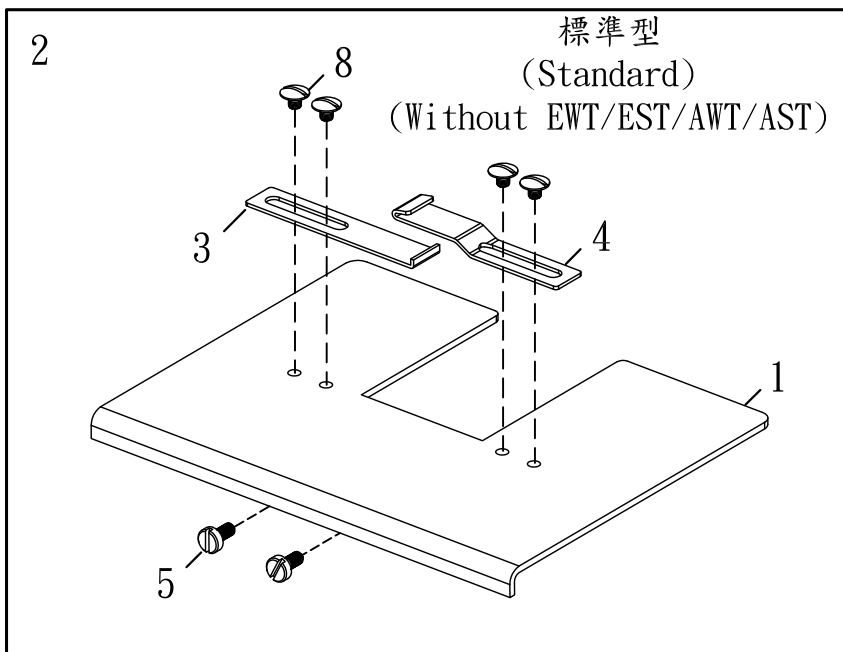
THREAD STAND & ACCESSORIES (FOR THREAD TRIMMING)

線架及附件(切線用)

23-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
42	L2342ST	Bulging Gauge Pin Bracket(2) (With EWT/AWT/AST)	立骨用配件(切線用)	
	-	Bulging Stitch Plate (With EWT/AWT/AST)	立骨針板(以下，切線用)	
	L1428-356H4	Stitch Plate (356)(Flatten type)(Optional)	針板(切線)(3針5.6)(立骨)(選購)	
43	L1428-364H1	Stitch Plate (360)(Flatten type)(Optional)	針板(切線)(3針6.0)(立骨)(選購)	1
	L1428-460HS	Stitch Plate (460)(Flatten type)(Needle: ϕ 1.16)(Optional)	針板(切線)(4針6.0)(立骨)(細針 ϕ 1.16)(選購)	
	L1428-464HS	Stitch Plate (464)(Flatten type)(Needle: ϕ 1.16)(Optional)	針板(切線)(4針6.4)(立骨)(細針 ϕ 1.16)(選購)	
44	L1157-356H	Differential Feed Dog(Middle)	差動齒	1
45	L0209H	Fabric Guide(Left) (Bulging)	導布器(左)(立骨)	1
46	L0211H	Fabric Guide(Right) (Bulging)	導布器(右)(立骨)	1
47	MJN1100	Setting Screw (Long)(M8-1.25X110)	長底座固定螺絲	2
48	LL2358-1	Oil Reservoir Rubber Cushion	底座避震膠墊	2
49	J3009	Rubber Cusion	橡膠	2
50	J3642	Washer	墊片	2
51	NV14	Nut	螺帽	4

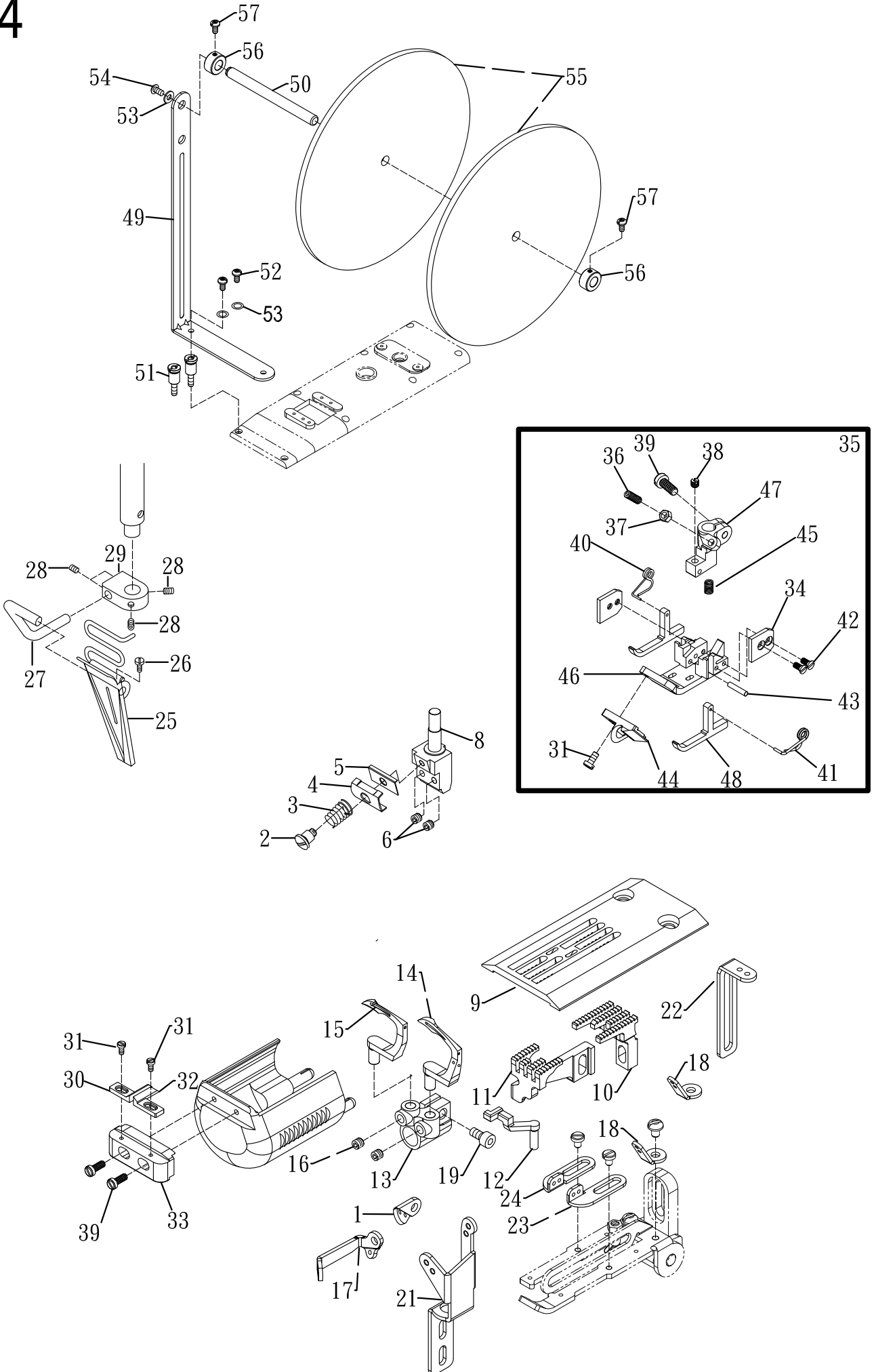
* Ref. No. 01 to 40 See the following page



Attaching Plate C.Set (Optional)併縫大布板組(選配)

23-2

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Req.</u>
1	TL2348	Attaching Plate for plain Machine	普通用併縫大布板	1
2	L2349	Attaching Plate C.Set for plain Machine (optional)	普通用併縫大布板組(選配)	1
3	CP14	Fabric Edge Guide(Left)	左擋邊	1
4	CP12	Width Aadjuster	可調擋邊	1
5	SF113	Screw(SM 9/64-40 x 6)	螺絲	2
6	TL2353	Attaching Plate for Thread Trimming	切線用併縫大布板	1
7	L2354	Attaching Plate for Thread Trimming C.Set (optional)	切線用併縫大布板組(選配)	1
8	SF118	Screw(SM 9/64-40 x 4)	螺絲	4
9	SL070	Hook Timing Gauge	定規	1
10	LL032	Spare Parts Book	零件手冊	1
11	LL034	Instruction Book	使用說明書	1



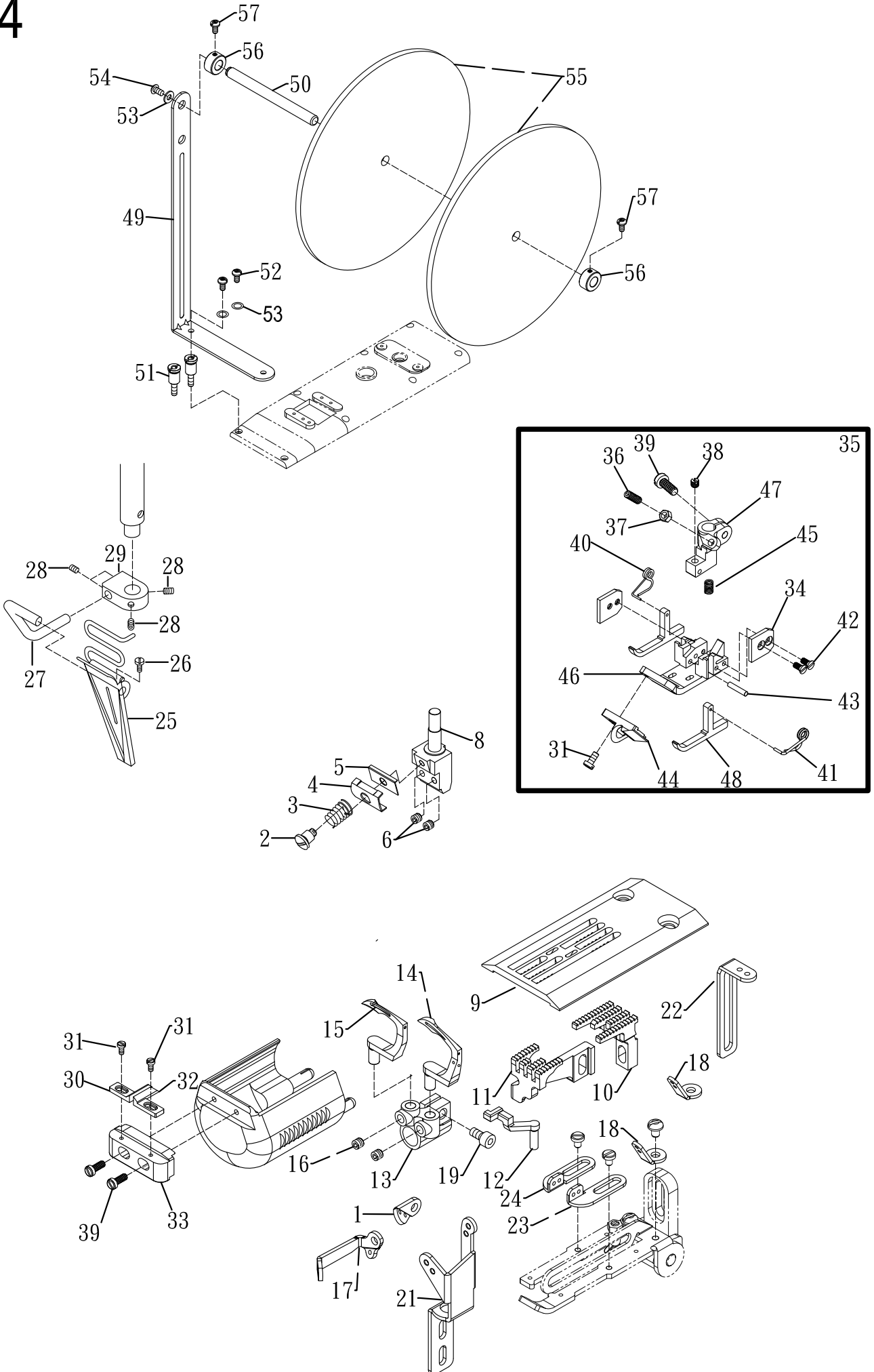
LOOPER DRIVING MECANISM(Optional)

雙鈎針驅動機構(選配)

24

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	L0376	Looper Thread Eyelet (Front)	鈎針過線片(前)	1
2	M0724	Screw (M3-0.5)	螺絲	1
3	M0731	Needle Thread Retainer Spring	彈簧	1
4	VC34	Thread Retainer Disc Support	小調子板	1
5	VC35	Needle Thread Retainer Disc	針線固定片	1
6	N2931	Screw (M3-0.5×3)	螺絲	2
7	L2407	Looper Eccentric	偏心輪	1
8	L2408-264	Needle Clamp (264)	針榴(264)	1
	L2408-280	Needle Clamp (280)	針榴(280)	
9	L2409-264	Stitch Plate (264)	針板(264)	1
	L2409-280	Stitch Plate (280)	針板(280)	
10	L2410	Main Feed Dog (264)	主動齒(264)	1
	L2410-280	Main Feed Dog (264)	主動齒(280)	
11	L2411B-264	Differential Feed Dog (264)	差動齒(264)	1
	L2411B-280	Differential Feed Dog (264)	差動齒(280)	
12	L2412	Needle Guard	針擋	1
13	L2413-2	Looper Holder	鈎針座	1
14	L2414	Main Looper	主鈎針	1
15	L2415	Looper	副鈎針	1
16	SV227	Screw (M4-0.7×5)	螺絲	2
17	L2417	Looper Thread Eyelet	鈎針過線片	1
18	L2418	Looper Thread Eyelet	鈎針過線片	2
19	SF224	Screw (M4-0.7×8)	螺絲	1
20	GL12	Screw (M5-0.8×8)	螺絲	2
21	L2421	Bottom Plate Eyelet	下座底板過線	1
22	L2422	Looper Eyelet Plate	下飾線過線板	1
23	FJ12	Take-up Plate (Right)(264)	提線板(右)(264)	1
24	FJ14	Take-up Plate (Left)(264)	提線板(左)(264)	1
25	L2425	3/4"3/8 " Tape Binder	3/4"3/8"貼條喇叭	1
26	P1521	Screw (M4-0.7×6)	螺絲	1
27	L2427	Tape Binder Bar	固定桿	1
28	SF228	Screw(M4-0.7×4)	螺絲	1
29	L2429	Tape Binder Stay	喇叭座	1
30	L2430	Fabric Guide (Left)	導布器(左)	1
31	N0287	Screw (M2.5-0.45×0.45)	螺絲	3
32	L2432	Fabric Guide (Right)	導布器(右)	1
33	L2433	Folder Stand	導布器固定座	1
34	VH52NI	Fixed Plate	方形固定片	2
35	L2435-264	Presser Foot C.Set (264)	壓腳組(264)	1
	L2435-280	Presser Foot C.Set (280)	壓腳組(280)	

* Ref. No. 36 to 57 See the following page



LOOPER DRIVING MECANISM(Optional)

雙鈎針驅動機構(選配)

24

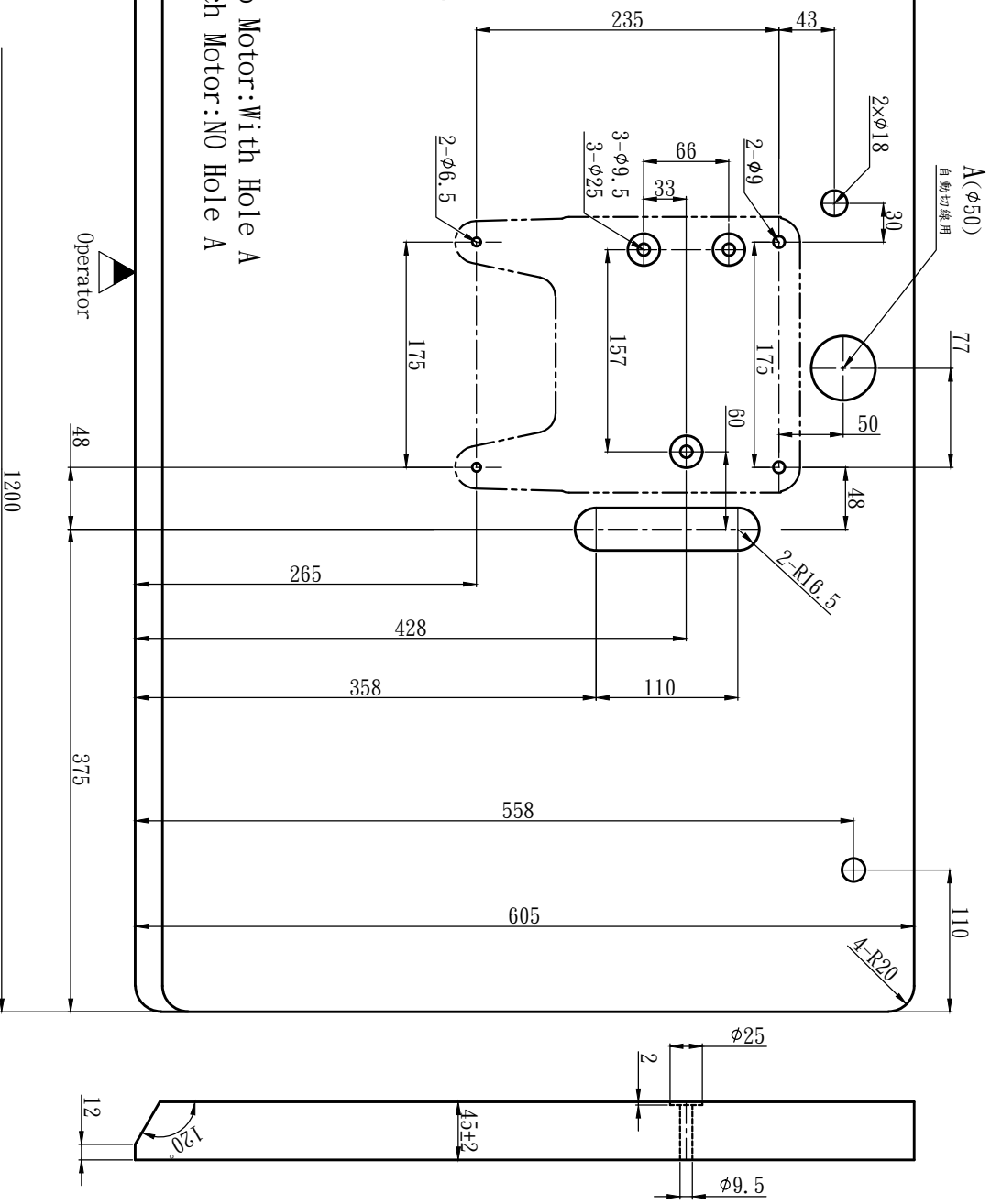
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36	SV109	Screw (SM 1/8-44×10)	螺絲	1
37	NV11	Nut (SM 1/8-44×9.5)	螺母	1
38	SF106	Screw (SM 1/8-44×2.8)	螺絲	1
39	SF116	Screw (SM 9/64-40×9)	螺絲	3
40	VH16	Presser Foot Spring(Left)	壓腳彈簧(左)	1
41	VH24	Presser Foot Spring(Right)	壓腳彈簧(右)	1
42	SV103	Screw (SM 3/32-56×5)	螺絲	4
43	VH20	Pin	銷	1
44	L2444	Fabric Guide(Front)	導布器(前)	1
45	VH21	Presser Foot Spring	彈簧	1
46	L2446-264	Main Presser Foot	壓腳主體	1
	L2446-280	Main Presser Foot	壓腳主體	
47	L2447	Upper Presser Foot	壓腳頭	1
48	VH53NI	Left Guide Foot	T行船導片	2
49	L2449	Bracket	滾盤托架	1
50	L2450	Axis	軸	1
51	N2230	Screw (In:M4)(Out:M4)	螺樁螺絲	2
52	SV229	Screw (M4-0.7x7)	螺絲	2
53	WF04-1	Washer	華司	3
54	SV235	Screw (M4-0.7x8)	螺絲	1
55	J171	Turntable	布條轉盤	2
56	L2456	Collor (8.02mm×16mm×8mm)	定位環	2
57	SV229	Screw (M4-0.7x7)	螺絲	2

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

※無標示尺度最大公差值±1.0

皮帶:M37
Belt:M37
機種:SL-2800
圖號:LL003
日期:102.08.09
圖別:成品圖
材質:耐火板
比例:1/4
繪圖:李瑞騰

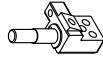
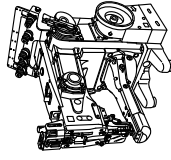
※ For Servo Motor: With Hole A
※ For Clutch Motor: NO Hole A



Operator

SL-2700,SL-2800 (標準&切線) 針距組 對照表

Comparison Table Between SL-2700,SL-2800 and SL-2700,SL-2800 EWT/EST/AWT/AST



機種	針數	針距	針釧	針板	壓腳	針	導布器	副齒	主齒	差動齒	下勾針	
MACHINE TYPE/SPEC	NEEDLE	NEEDLE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT	NEEDLE	FABRIC GUARD	DIFF.FEED DOG(MIDDLE)	MAIN FEED DOG	DIFF.FEED DOG	LOOPER	
標準 Standard	2 NEEDLE	64 (special)	L2408-264 (special)	L2409-264 (special)	L2435 (special)	TV*7 78/11-2	L2430, L2432 (special)	N/A	L2410 (special)	L2411 (special)	L2414,L2415 (special)	
		40	L0630-240	L0634-2403	VH240	TV*7 78/11-2						
	3 NEEDLE	48	L0630-248	L0634-2483	VH248	TV*7 78/11-2						
		56	L0630-356-2	L0634-3566	VH356-A1	VH360	TV*7 78/11-2	LL0268	L1157-356-2			
SL-2700 SL-2800	3 NEEDLE	60	L0630-360	L0634-3603	VH360	TV*7 78/11-2	LL0269				L0943-4	
		60	L0630-4601	L0634-4603	VH460	MY1014B						
	4 NEEDLE	64	L0630-464	L0634-4643	VH464	VH464	TV*7 78/11-2			L1154-356-1	L1154-356-1	
		56	L0630-356-2	L0634-356H2	VH356-A1	VH356-A1	TV*7 78/11-2	L0209H				
切線 For Thread Trimming	2 NEEDLE	60	L0630-4601	L0634-460H1	VH460	MY1014B	L0211H					
		64	L0630-464	L0634-464H1	VH464	TV*7 78/11-2						
	3 NEEDLE	40	L0630-240	L0634-2403	VH240	VH240	TV*7 78/11-2					
		48	L0630-248	L0634-2483	VH248	VH248	TV*7 78/11-2					
SL-2700EST SL-2800EST	3 NEEDLE	56	L0630-356-2	L0634-3566	VH356-A1	TV*7 78/11-2	LL0268	L1157-356-2				
		60	L0630-360	L0634-3603	VH360	VH360	TV*7 78/11-2	LL0269				
	4 NEEDLE	60	L0630-4601	L0634-4603	VH460	VH460	MY1014B					
		64	L0630-464	L0634-4643	VH464	VH464	TV*7 78/11-2			L1154-356-1	L1154-356-1	L0943-4
立骨 Bulging	3 NEEDLE	56	L0630-356-2	L0634-356H2	VH356-A1	TV*7 78/11-2	L0209H					
		60	L0630-4601	L0634-460H1	VH460	VH460	MY1014B	L0211H				
立骨 Bulging	4 NEEDLE	64	L0630-464	L0634-464H1	VH464	TV*7 78/11-2						
		64	L0630-464	L0634-464H1	VH464	VH464	TV*7 78/11-2					

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
手臂型四針六線併縫機(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綉縫機



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綉縫機



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綉縫機



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綉縫機(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綉縫機(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綉縫機(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綉縫機



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綉縫機



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綉縫機



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綉縫機

