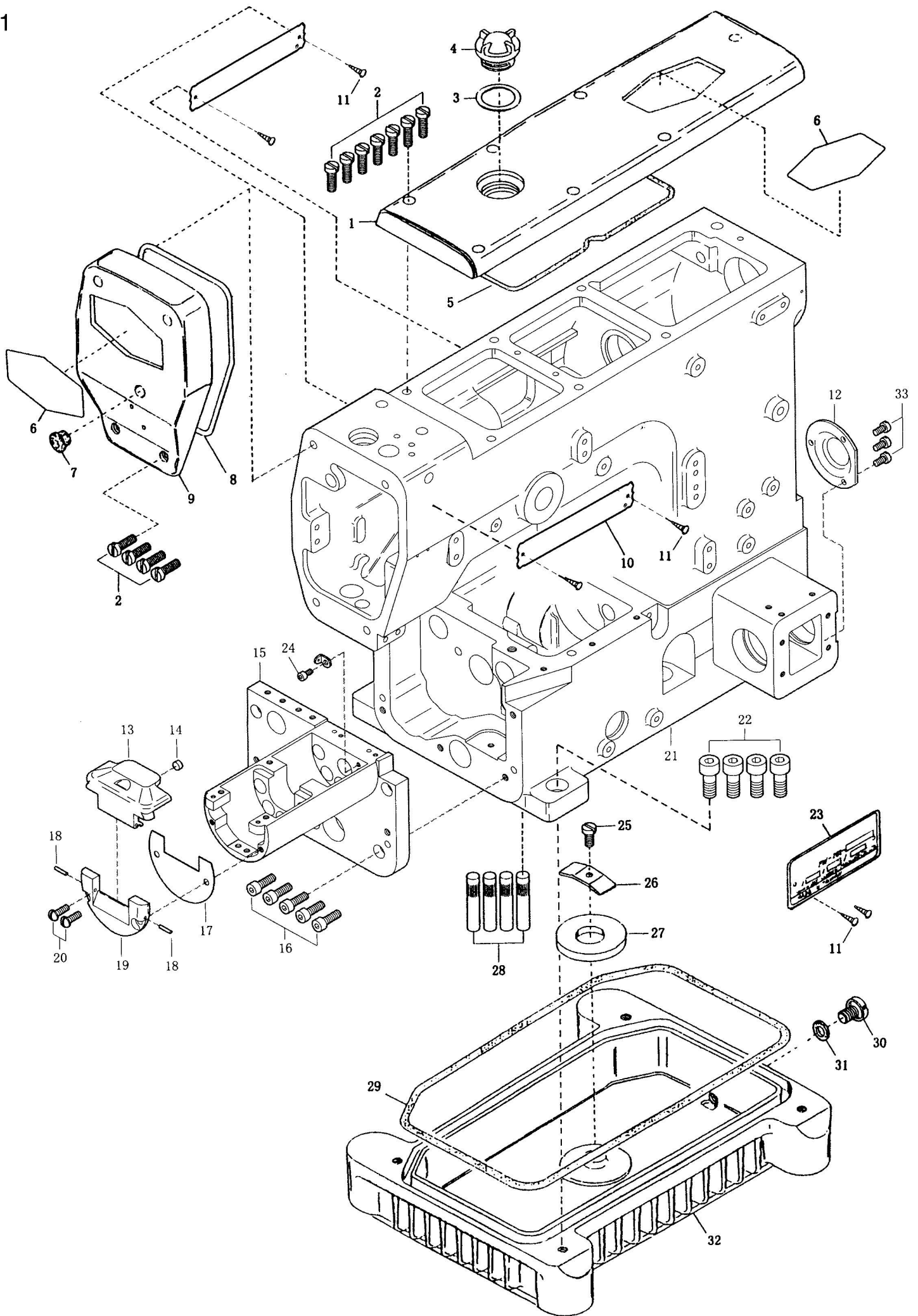


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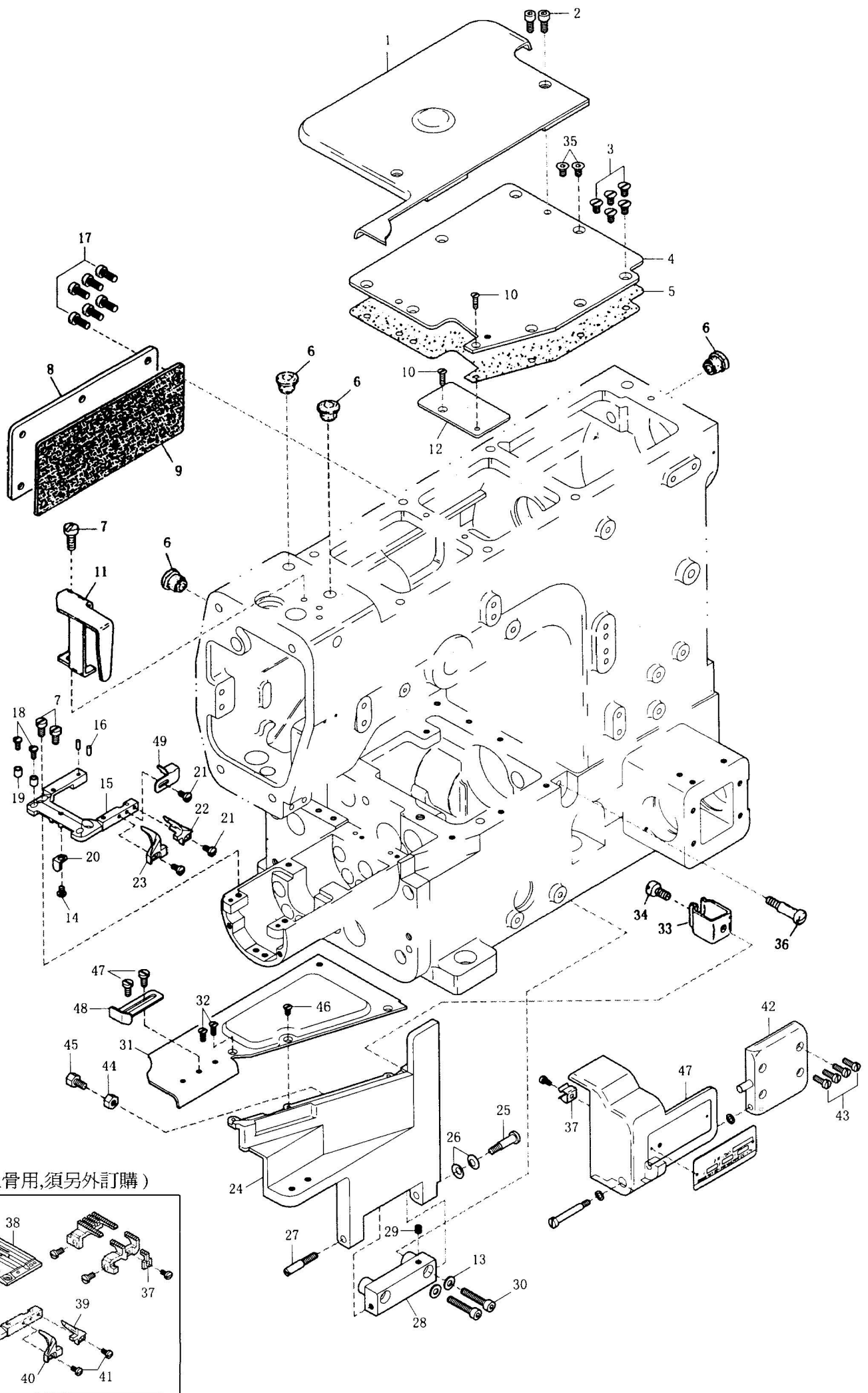
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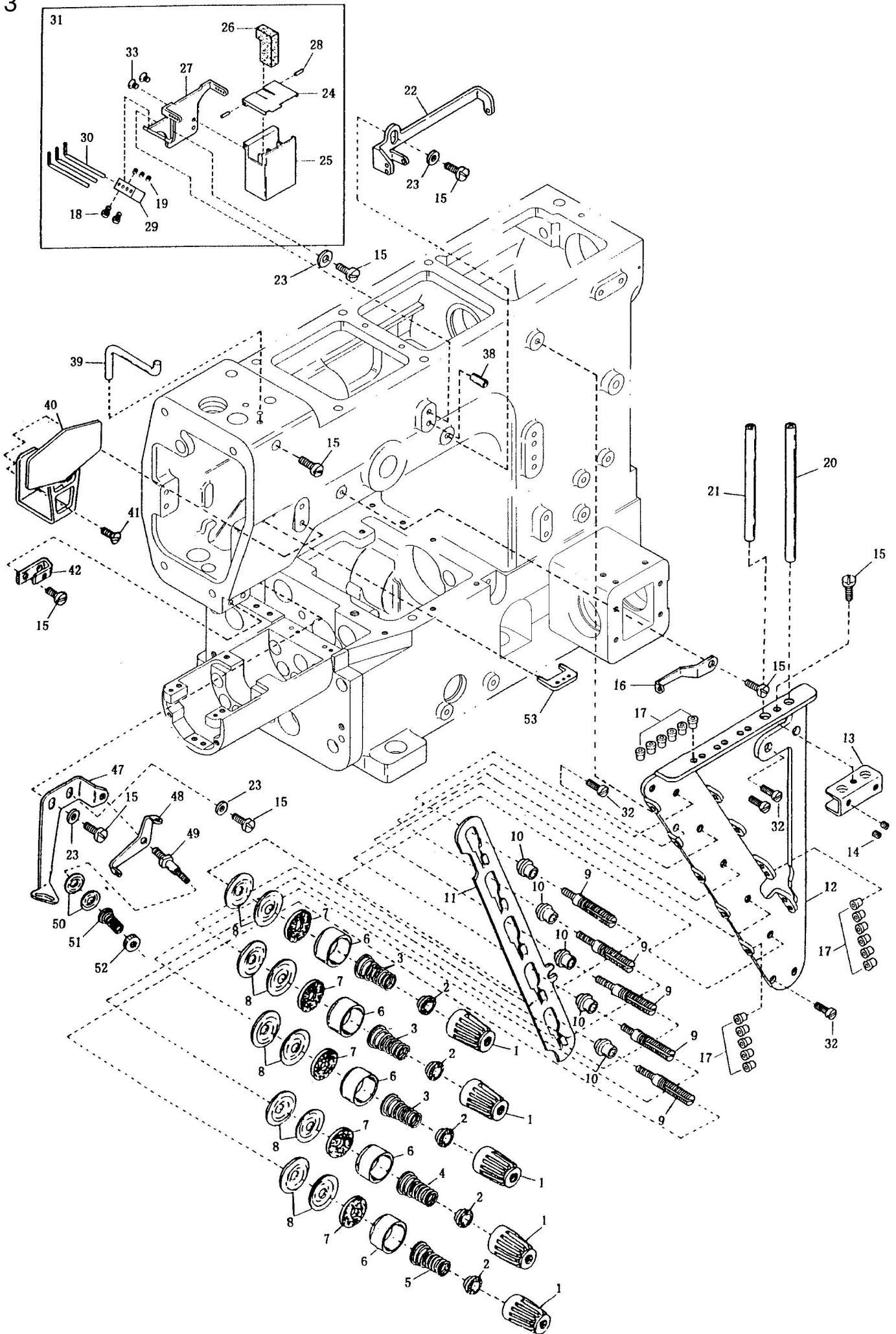
MISCELLANEOUS COVERS(1)**機殼機構(1)****1**

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W1-1	Top Cover·····	上蓋·····	1
2	W1-2	Screw(M4-0.7×12)·····	螺絲·····	11
3	W1-3	Oil Sight Seal·····	上油鏡油封·····	1
4	W1-4	Oil Sight Window·····	上油鏡·····	1
5	W1-5	Top Cover Gasket·····	上蓋墊片·····	1
6	W1-6	Emblem·····	銘牌·····	2
7	W1-7	Head Cover Seal Plug·····	上側蓋膠塞·····	1
8	W1-8	Head Cover Gasket·····	上側蓋墊片·····	1
9	W1-9	Head Cover·····	上側蓋·····	1
10	W1-10	Brand Name Plate (106)·····	公司名牌·····	2
11	W1-11	Rivet·····	鉚釘·····	6
12	W1-12	Loopier Thread Take-up Shaft Cover·····	底線分線盤傳動軸護蓋·····	1
13	W1-13	Cylinder Side Cover (Upper)·····	圓筒上側蓋·····	1
14	W1-14	Cover Latch Magnet·····	側蓋鎖門磁鐵·····	1
15	W1-15	Cylinder Frame·····	圓筒部機殼·····	1
16	W1-16	Screw (M5-0.8×16)·····	螺絲·····	5
17	W1-17	Gasket·····	止油墊·····	1
18	W1-18	Side Cover Hinge Pin·····	側蓋樞鈕插銷·····	2
19	W1-19	Cylinder Side Cover Hinge·····	圓筒側蓋樞紐·····	1
20	W1-20	Screw·····	螺絲·····	2
21	W1-21	Machine Frame Unit·····	機殼本體·····	1
22	W1-22	Screw (M8-1.25×20)·····	螺絲·····	4
23	W1-23	Model Plate (See the below)·····	型號銘牌·····	2
24	W1-24	Screw (M3-0.5×6)·····	螺絲·····	1
25	W1-25	Screw (M4-0.7×8)·····	螺絲·····	1
26	W1-26	Magnet Holder·····	磁鐵固定壓板·····	1
27	W1-27	Magnet·····	磁鐵·····	1
28	W1-28	Machine Frame Supporting Bar·····	機體支柱·····	4
29	W1-29	Oil Reservoir Gasket·····	油槽止油膠墊·····	1
30	W1-30	Screw (3/8-24×11.5)·····	螺絲·····	1
31	W1-31	Drain Hole Seal·····	排油螺絲油封·····	1
32	W1-32	Oil Reservoir·····	油槽·····	1
33	W1-33	Screw (M4-0.7×8)·····	螺絲·····	3
34	W1-34	Felt·····	羊毛氈·····	1



MISCELLANEOUS COVERS(2)**機殼機構(2)****2**

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W2-1	Cloth Plate (Large)	縫製平台	1
2	W2-2	Screw (M4-0.7 × 10)	螺絲	2
3	W2-3	Screw (M4-0.7 × 7)	螺絲	5
4	W2-4	Crank Chamber Cover	曲軸室上蓋	1
5	W2-5	Crank Chamber Cover Gasket	曲軸室墊片	1
6	W2-6	Seal Plug	止油膠塞	4
7	W2-7	Screw (M4-0.7 × 8)	螺絲	3
8	W2-8	Rear Cover	後蓋	1
9	W2-9	Rear Cover Gasket	後蓋墊片	1
10	W2-10	Screw (M3-0.5 × 10)	螺絲	1
11	W2-11	Needle Bar Guard	針柱護架	1
12	W2-12	Crank Chamber Front Cover (Small)	曲軸室前蓋 (小)	1
13	W2-13	Washer	墊片	2
14	W2-14	Screw (M3-0.5 × 4)	螺絲	1
15	W2-15	Needle Plate Bracket	針板座	1
16	W2-16	Knock Pin	頂出銷	2
17	W2-17	Screw (M4-0.7 × 10)	螺絲	6
18	W2-18	Screw (M3-0.5 × 6.5)	螺絲	2
19	W2-19	Positioning Bushing	定位襯套	2
20	W2-20	Cover Latch Magnet Plate	側蓋鎖門磁鐵吸片	1
21	W2-21	Screw (M2.6-0.45 × 5)	螺絲	3
22	W2-22	Fabric Guide (Right)	倒骨導布器 (右)	1
23	W2-23	Fabric Guide (Left)	倒骨導布器 (左)	1
24	W2-24	Front Cover (Lower)	前蓋底座	1
25	W2-25	Screw (M4-0.7 × 8)	螺絲	1
26	W2-26	Conical Spring Washer	錐形彈簧墊圈	2
27	W2-27	Screw (M4-0.7 × 13)	螺絲	1
28	W2-28	Front Cover Hinge	前蓋鉸鏈	1
29	W2-29	Screw (M4-0.7 × 5)	螺絲	1
30	W2-30	Screw (M4-0.7 × 22)	螺絲	2
31	W2-31	Front Cover (Upper)	前蓋頂座	1
32	W2-32	Screw (M3-0.5 × 6)	螺絲	3
33	W2-33	Cover Latch Spring	鎖門彈簧	1
34	W2-34	Screw (M4-0.7 × 8)	螺絲	1
35	W2-35	Screw (M4-0.7 × 7)	螺絲	2
36	W2-36	Screw (M4-0.7 × 5)	螺絲	1
37	W2-37	Differential Feed Dog (Middle)	小齒	1
38	W2-38	Needle Plate For Covering Seam	立骨用針板	1
39	W2-39	Fabric Guide (Right)	立骨布導器 (右)	1
40	W2-40	Fabric Guide (Left)	立骨布導器 (左)	1
41	W2-41	Screw (M2.6-0.45 × 5)	螺絲	2
42	W2-42	Looper Thread Take-Up Driving Chamber Cover	底線分線盤驅動室蓋	1
43	W2-43	Screw	螺絲	4
44	W2-44	Nut	螺帽	1
45	W2-45	Screw (M4-0.7 × 8)	螺絲	1
46	W2-46	Screw (M3-0.5 × 4)	螺絲	1
47	W2-47	Screw (9/64-40 × 8)	螺絲	2
48	W2-48	Fabric Guide (Right)	右擋邊	1
49	W2-49	Fabric Guide (Left)	左擋邊	1
50	W2-50	Looper Thread Take-Up Cover	底線分線盤凸輪蓋	1
51	W2-51	Screw (M3-0.5 × 10)	螺絲	1

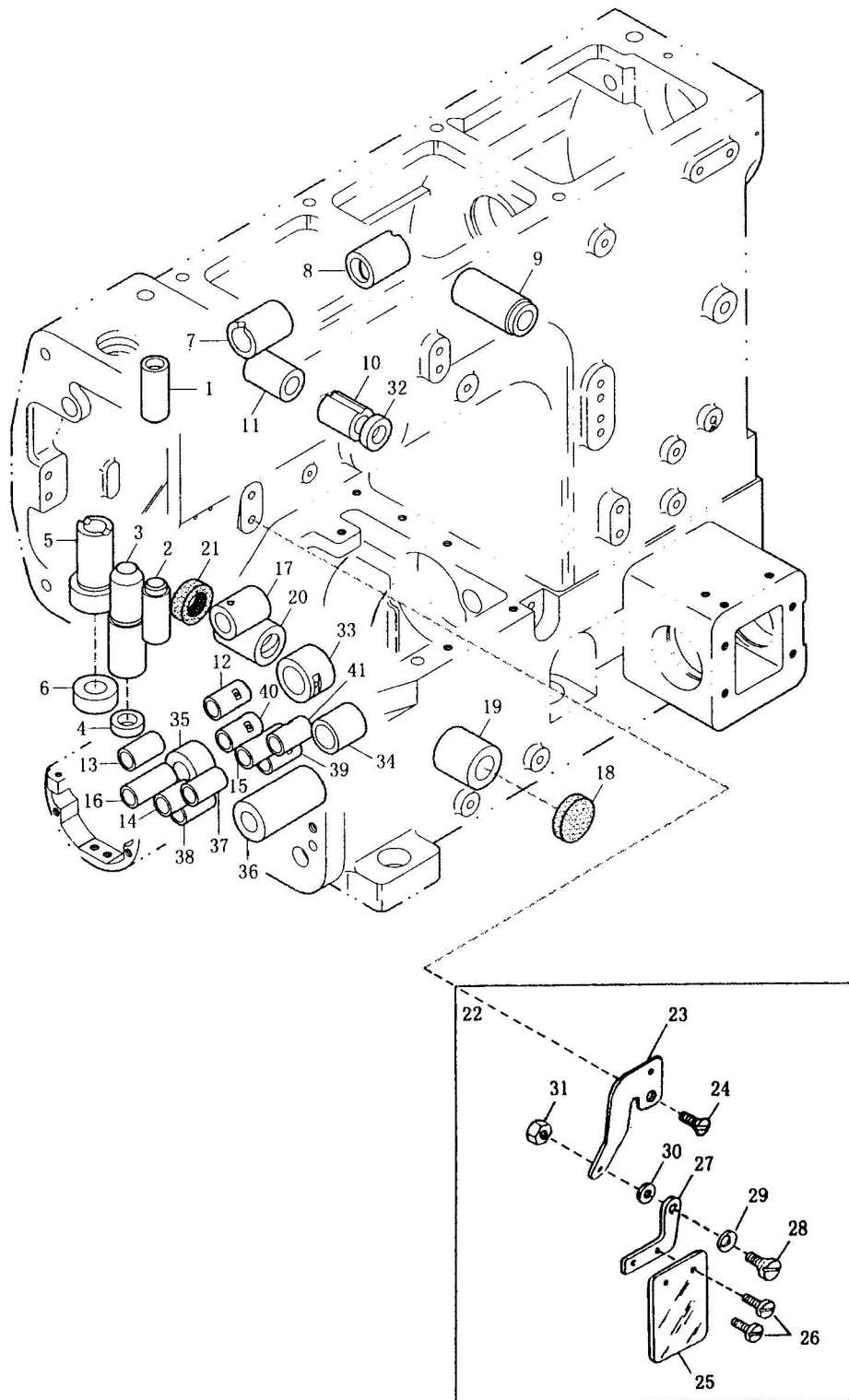


MISCELLANEOUS THREAD EYELETS

過線機構

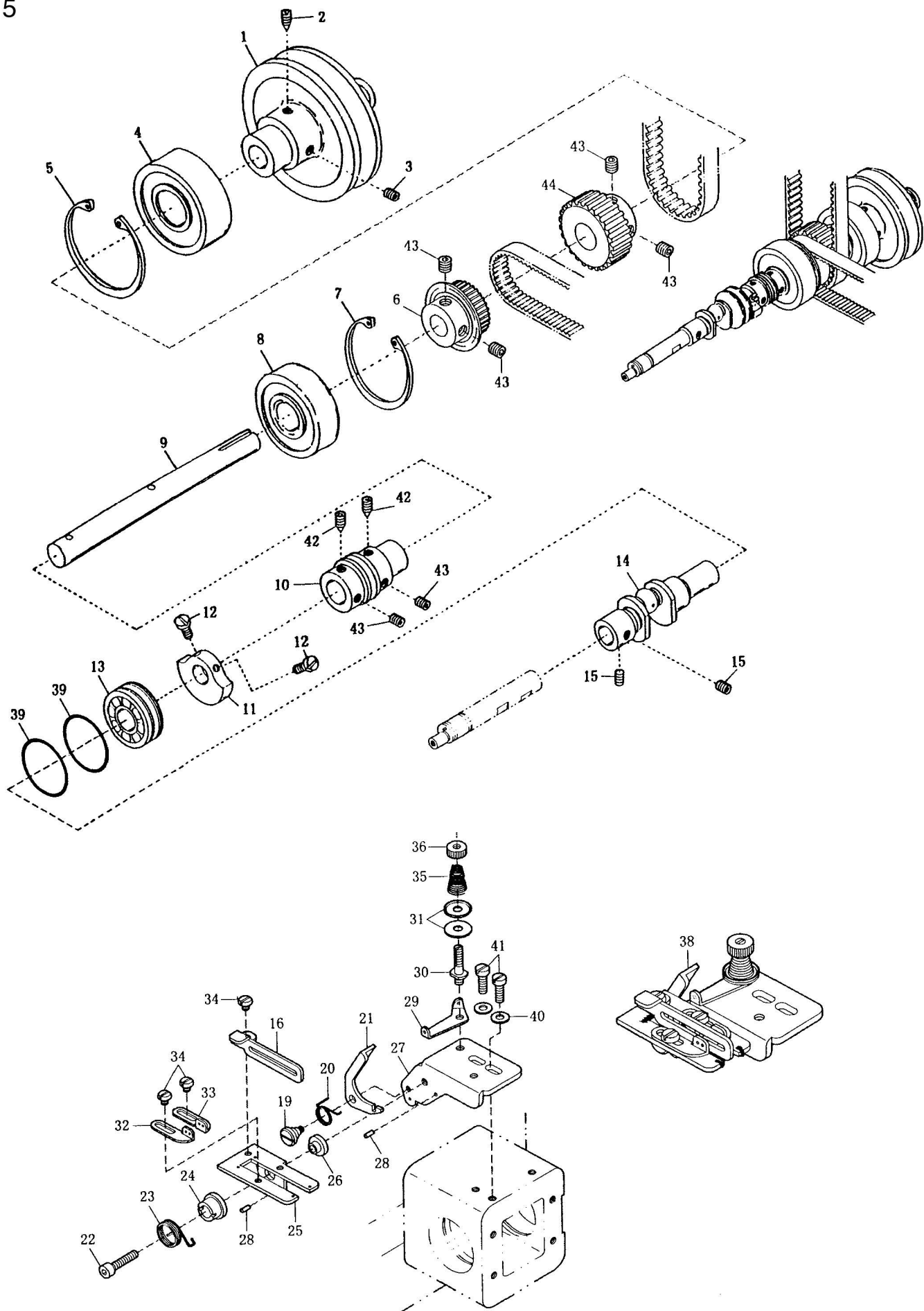
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Ref.	Parts	Description	品 名	Amt.
No.	No.			Req.
1	W3-1	Thread Tension Spring Cap	上線張力彈簧調整鈕	5
2	W3-2	Tension Spring Disc Support	張力彈簧調整圓盤	5
3	W3-3	Needle Thread Tension Spring	針線張力彈簧	3
4	W3-4	Top Cover Thread Tension Spring	上飾線張力彈簧	1
5	W3-5	Looper Thread Tension Spring	下勾針張力彈簧	1
6	W3-6	Thread Tension Spring Retainer	上線張力彈簧固定座	5
7	W3-7	Felt	氈墊	5
8	W3-8	Tension Disc	張力調整盤	10
9	W3-9	Tension Post	上線張力彈簧支柱	5
10	W3-10	Tension Post Ferrule	上線張力彈簧支柱套圈	5
11	W3-11	Tension Disc Separator	上線張力圓盤分離器	1
12	W3-12	Tension Post Support	上線張力組支柱座	1
13	W3-13	Thread Eyelet Pipe Stay	過線導管固定座	1
14	W3-14	Screw (M4-0.7 × 4)	螺絲	2
15	W3-15	Screw (M4-0.7 × 8)	螺絲	8
16	W3-16	Top Cover Thread Eyelet (Left)	上飾線過線桿 (左)	1
17	W3-17	Thread Eyelet	陶瓷過線孔	17
18	W3-18	Screw (1/8-44 × 5)	螺絲	2
19	W3-19	Screw (1/8-44 × 3)	螺絲	3
20	W3-20	Thread Eyelet Pipe (Long)	過線導管 (長)	1
21	W3-21	Thread Eyelet Pipe (Short)	過線導管 (短)	1
22	W3-22	Top Cover Thread Eyelet (Right)	上飾線過線桿 (右)	1
23	W3-23	Washer	墊片	4
24	W3-24	SP Container Cover	矽油槽蓋	1
25	W3-25	SP Container	矽油儲存槽	1
26	W3-26	Felt	吸油氈	1
27	W3-27	Needle Thread Eyelet	針線過線架	1
28	W3-28	SP Container Cover Pin	矽油槽蓋固定插銷	2
29	W3-29	Thread Eyelet Support	過線桿固定座	1
30	W3-30	Thread Eyelet (Front)	過線桿	3
31	W3-31	SP Device, Complete Set	針線矽油組	1
32	W3-32	Screw (M4-0.7 × 12)	螺絲	4
33	W3-33	Screw (9/64-40 × 7)	螺絲	2
34				
35				
36				
37				
38	W3-38	Guide Pin	固定插銷	1
39	W3-39	Needle Thread Guide	針線導架	1
40	W3-40	Needle Thread Take-up Guard	針線提線桿護架	1
41	W3-41	Screw (M6-1 × 9.5)	螺絲	1
42	W3-42	Needle Thread Retainer Support	針線張力調整組固定座 (小)	1
43				
44				
45				
46				
47	W3-47	Top Cover Thread Guide	上飾線導板	1
48	W3-48	Supplementary Thread Guide	上飾線輔助導板	1
49	W3-49	Tension Post	上飾線張力調整組支柱	1
50	W3-50	Supplementary Tension Disc	上飾線張力調整盤	2
51	W3-51	Supplementary Tension Spring	上飾線張力調整彈簧	1
52	W3-52	Nut	螺帽	1
53	W3-53	Needle Thread Eyelet	過線導片	1



MISCELLANEOUS BUSHINGS**套管機構****4**

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	W4-1	Needle Bar Bushing (Upper).....	針柱套管(上).....	1
2	W4-2	Needle Bar Bushing (Lower).....	針柱套管(下).....	1
3	W4-3	Presser Bar Bushing	壓腳套管.....	1
4	W4-4	Oil Seal.....	油封.....	2
5	W4-5	Spreader Driving Bar Bushing	上飾線打線器套管.....	1
6	W4-6	Oil Seal.....	油封.....	1
7	W4-7	Spreader Driving Shaft Bushing (Left).....	上飾線打線器傳動軸套管(左)	1
8	W4-8	Spreader Driving Shaft Bushing (Right)...	上飾線打線器傳動軸套管(右)	1
9	W4-9	Foot Lifter Lever Bushing	抬壓腳連桿套管.....	1
10	W4-10	Needle Thread Take-up Bushing (Front)...	針線提線桿套管(前)	1
11	W4-11	Needle Thread Take-up Bushing (Rear).....	針線提線桿套管(後)	1
12	W4-12	Feed Bar Lift Bushing (Rear/Right)	送料具提升襯套 (後/右).....	1
13	W4-13	Feed Bar Lift Bushing (Rear/Left) ...	送料具提升襯套 (後/左).....	1
14	W4-14	Differential Feed Bar Bushing (Left) ...	差動送料具軸襯套 (左).....	1
15	W4-15	Differential Feed Bar Bushing (Right)	差動送料具軸襯套 (右).....	1
16	W4-16	Main Feed Rocker Bushing (Left) ...	主送料具搖臂襯套 (左)	1
17	W4-17	Main Feed Driving Shaft Bushing ...	主送料具驅動軸心襯套.....	1
18	W4-18	Oil Seal.....	油封.....	1
19	W4-19	Looper Driving Shaft Bushing (Front).....	下勾針傳動軸套管(前).....	1
20	W4-20	Looper Driving Shaft Bushing (Rear)...	下勾針傳動軸套管(後).....	1
21	W4-21	Seal Plug.....	止油封塞.....	1
22	W4-22	Eye Guard, Complete Set.....	護目鏡組.....	1
23	W4-23	Safety Plate Support.....	護目鏡固定座.....	1
24	W4-24	Screw (M6-1×10)	螺絲.....	1
25	W4-25	Safety Plate.....	護目鏡片.....	1
26	W4-26	Screw (3/32-56×4).....	螺絲.....	2
27	W4-27	Safety Plate Holder.....	護目鏡支架.....	1
28	W4-28	Screw (11/64-40×9.7)	螺絲.....	1
29	W4-29	Conical Spring Washer.....	錐形彈簧墊圈.....	1
30	W4-30	Washer.....	墊片.....	1
31	W4-31	Nut.....	螺帽.....	1
32	W4-32	Oil Seal.....	油封.....	1
33	W4-33	Low Shaft Bushing.....	下傳動軸襯套.....	1
34	W4-34	Differential Feed Driving Shaft Bushing...	差動送料具驅動軸心襯套.....	1
35	W4-35	Differential Feeding Control Lever Bushing.....	差動量控制主軸襯套.....	1
36	W4-36	Main Feeding Control Lever Bushing.....	針距控制主軸襯套.....	1
37	W4-37	Feed Bar Lift Bushing (Front/Left) ...	送料具提升襯套 (前/左)	1
38	W4-38	Needle Guard Crankshaft Bushing (Left).....	頂針片曲軸襯套 (左)	1
39	W4-39	Needle Guard Crankshaft Bushing (Right).....	頂針片曲軸襯套 (右)	1
40	W4-40	Main Feed Rocker Bushing (Right) ...	主送料具搖臂襯套 (右)	1
41	W4-41	Feed Bar Lift Bushing (Front/Right) ...	送料具提升襯套 (前/右).....	1



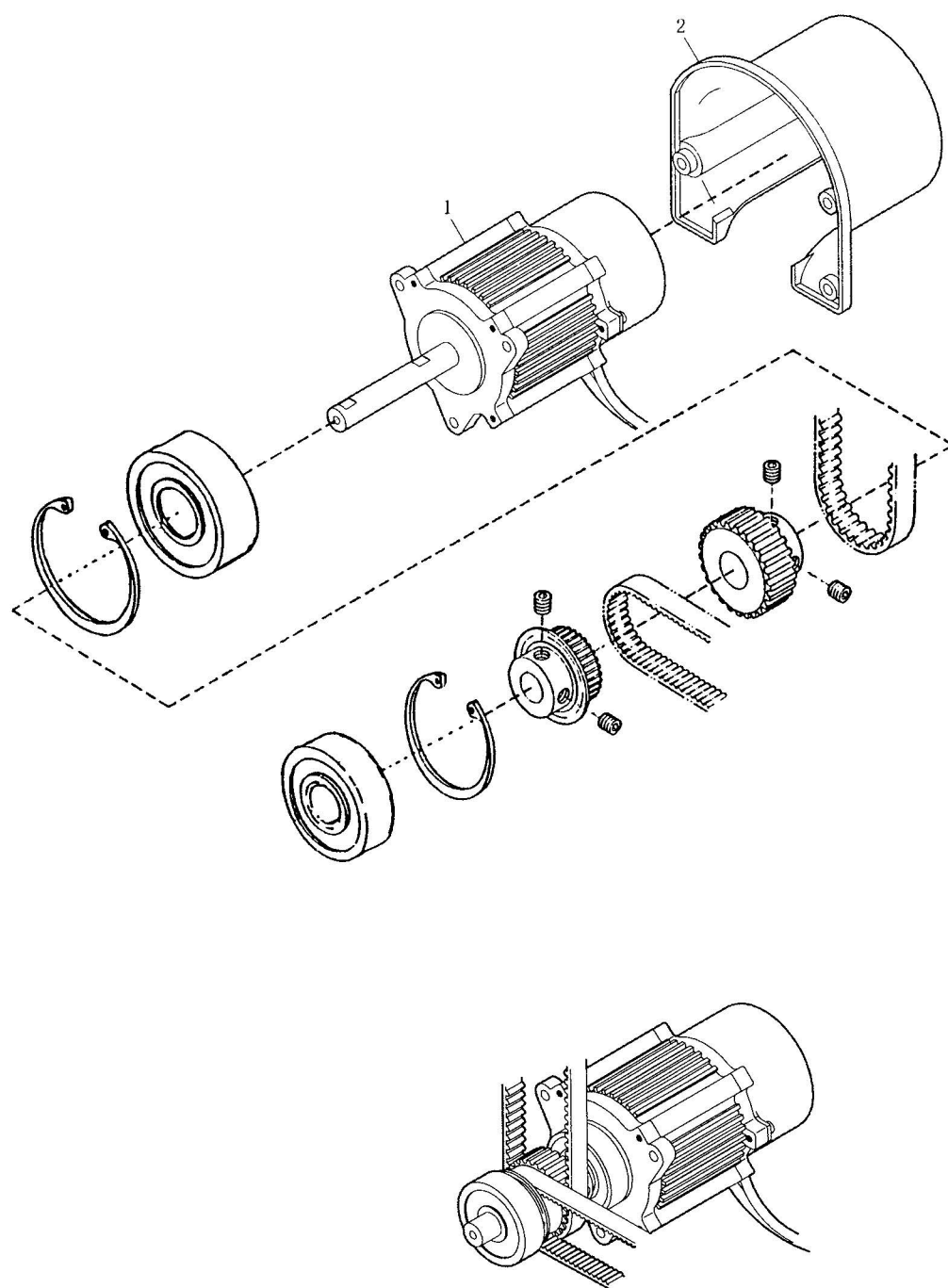
MAIN SHAFT DRIVING MECHANISM

下主軸傳動機構

5

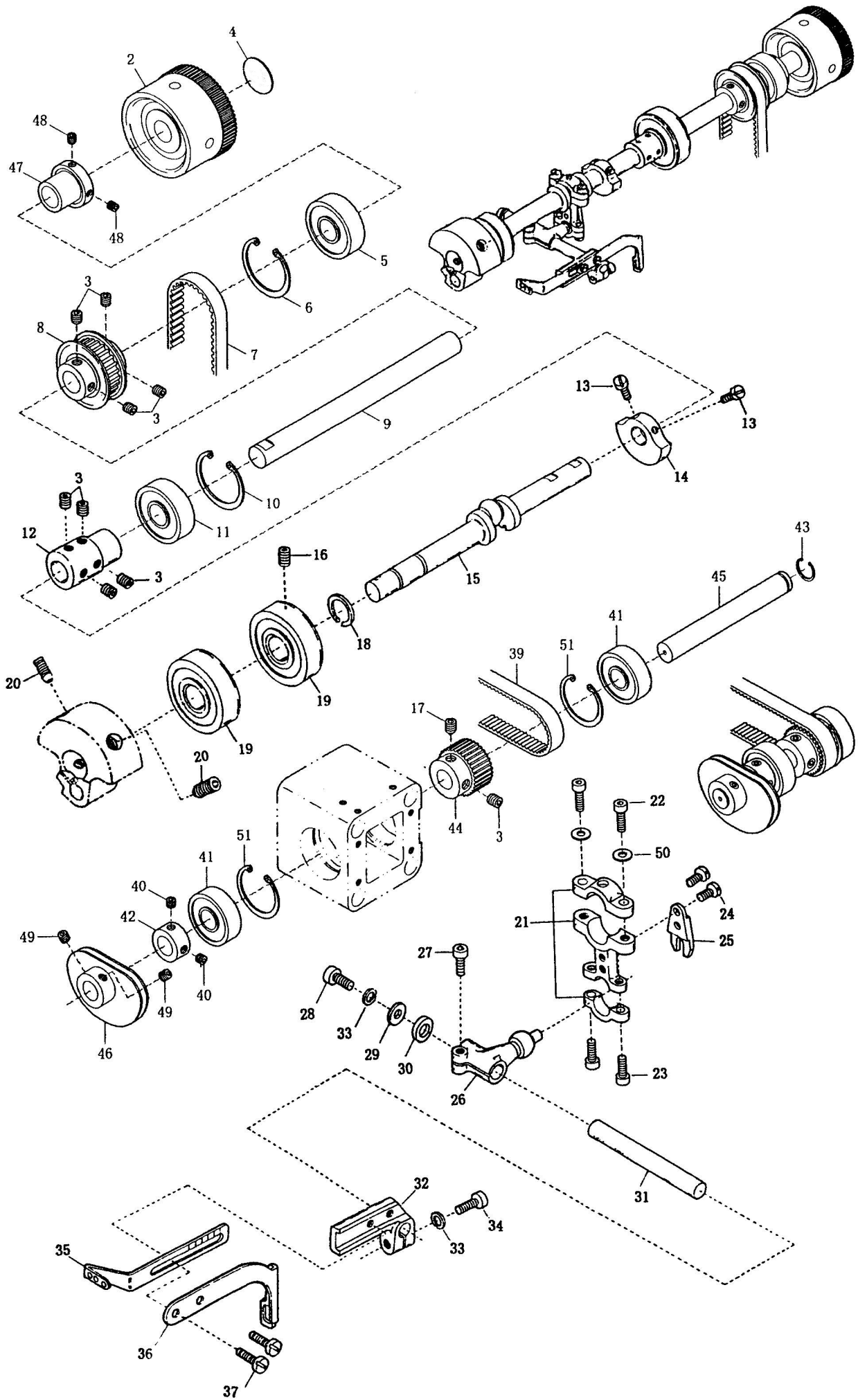
Ref.	Parts		Amt.
No.	No.	Description	品 名 Req.
1	W5-1	Pulley	皮帶輪..... 1
2	W5-2	Screw (M6-1×8).....	螺絲(尖底)..... 1
3	W5-3	Screw (M6-1×8).....	螺絲..... 1
4	W5-4	Ball Bearing (Right).....	滾珠培林(右)..... 1
5	W5-5	Retaining Ring.....	扣環..... 1
6	W5-6	Looper Thread Take-Up Driving Sprocket	底線分線盤驅動鏈輪..... 1
7	W5-7	Retaining Ring.....	扣環..... 1
8	W5-8	Ball Bearing (Middle).....	滾珠培林(中)..... 1
9	W5-9	Lower Shaft (Right).....	下傳動軸(右)..... 1
10	W5-10	Oil Pump Driving Worm.....	油泵傳動螺桿..... 1
11	W5-11	Counterweight (Small).....	平衡配重凸輪..... 1
12	W5-12	Screw (M4-0.7×8).....	螺絲..... 2
13	W5-13	Ball Bearing (Left).....	滾珠培林(左)..... 1
14	W5-14	Lower Crankshaft.....	下曲軸..... 1
15	W5-15	Screw (M6-1×4.5).....	螺絲..... 2
16	W5-16	Looper Thread Guide.....	底線導板..... 1
17			
18			
19	W5-19	Screw	螺絲..... 1
20	W5-20	Latch Spring	鎖彈簧..... 1
21	W5-21	Looper Thread Guide Latch Lever ..	底線導板鎖壓板..... 1
22	W5-22	Screw (M4-0.7×20).....	螺絲..... 1
23	W5-23	Spring	彈簧..... 1
24	W5-24	Spring Bushing.....	彈簧襯套..... 1
25	W5-25	Thread Take-up Eyelet Holder.....	底線過線台..... 1
26	W5-26	Bush.....	襯套..... 1
27	W5-27	Thread Take-up Eyelet Bracket	底線過線組支架..... 1
28	W5-28	Pin.....	插銷..... 2
29	W5-29	Looper Thread Eyelet.....	底線輔助導板..... 1
30	W5-30	Looper Thread Tension Post.....	底線張力調整組支柱..... 1
31	W5-31	Looper Thread Supplementary Tension Disc...	底線張力調整盤..... 2
32	W5-32	Thread Take-up Eyelet (Left)	底線過線片(左)..... 1
33	W5-33	Thread Take-up Eyelet (Right).....	底線過線片(右)..... 1
34	W5-34	Screw (9/64-40×4)	螺絲..... 3
35	W5-35	Looper Thread Supplementary Tension Spring.....	底線張力調整彈簧..... 1
36	W5-36	Nut	螺帽..... 1
37			
38	W5-38	Thread Take-Up Eyelet C. Set.....	底線過線台總成..... 1
39	W5-39	O-Ring.....	O型橡膠環..... 2
40	W5-40	Washer.....	墊片..... 2
41	W5-41	Screw (M4-0.7×12)	螺絲..... 2
42	W5-42	Screw (M6-1×6)	螺絲(尖底)..... 2
43	W5-43	Screw (M6-1×6)	螺絲..... 6
44	W5-44	Main Shaft Sprocket (Lower)	下主軸鏈輪..... 1

【直驅式微型伺服馬達組】



DIRECTLY DRIVING TYPE MINI-SERVO MOTOR C.SET直驅式微型伺服馬達組5-1

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	W5-1-1	Directly Driving Type Mini-Servo Motor···	直驅式微型伺服馬達·····	1
2	W5-1-2	Mini-Servo Motor Cover·····	微型伺服馬達蓋·····	1

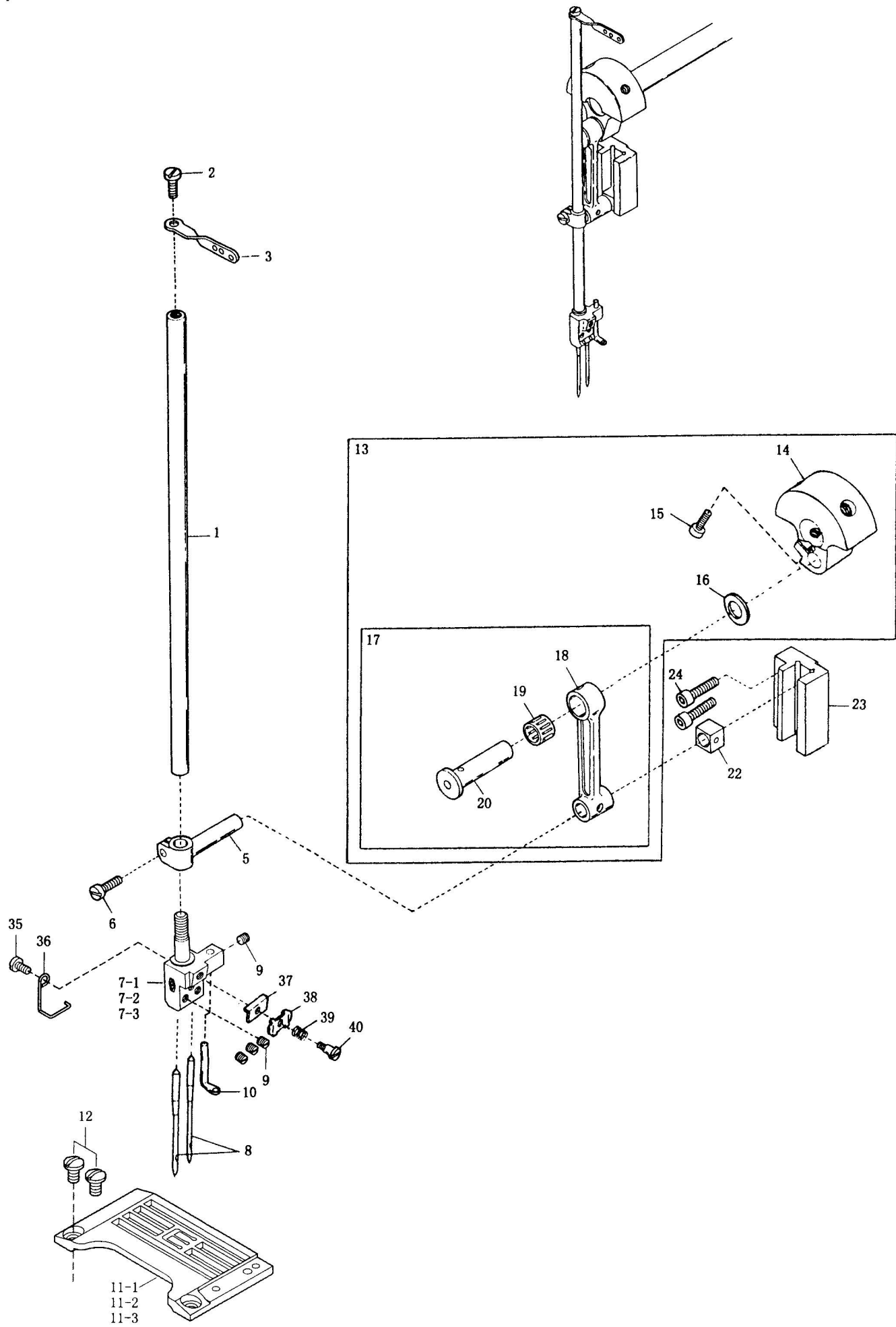


UPPER SHAFT & NEEDLE THREAD TAKE-UP MECHANISM

上主軸及針線提線諸元

6

Ref. No.	Parts No.	Description	品 名	Amt. Req.
1				
2	W6-2	Handwheel	手推輪	1
3	W6-3	Screw (M6-1×6)	螺絲	9
4	W6-4	Handwheel Mark	手推輪商標銘牌	1
5	W6-5	Ball Bearing	滾珠培林	1
6	W6-6	Retaining Ring	扣環	1
7	W6-7	Timing Belt	同步傳動皮帶	1
8	W6-8	Upper Shaft Sprocket	上主軸鏈輪	1
9	W6-9	Upper Shaft (Right)	上主傳動軸(右)	1
10	W6-10	Retaining Ring	扣環	1
11	W6-11	Ball Bearing	滾珠培林	1
12	W6-12	Upper Shaft Joint	上主軸接頭	1
13	W6-13	Screw (M4-0.7×8)	螺絲	2
14	W6-14	Counterweight (Small)	平衡配重凸輪	1
15	W6-15	Upper Crankshaft	上曲軸	1
16	W6-16	Screw (M6-1×10)	螺絲	1
17	W6-17	Screw (M6-1×6)	螺絲(尖底)	1
18	W6-18	Retaining Ring	扣環	1
19	W6-19	Ball Bearing	滾珠培林	2
20	W6-20	Screw (M8-1.25×16)	螺絲	2
21	W6-21	Connecting Rod	連桿	1
22	W6-22	Screw (M4-0.7×14)	螺絲	2
23	W6-23	Screw (M4-0.7×12)	螺絲	2
24	W6-24	Screw (11/64-40×8)	螺絲	2
25	W6-25	Guide Fork	叉形導片	1
26	W6-26	Driving Lever	傳動桿	1
27	W6-27	Screw (M6-1×15)	螺絲	1
28	W6-28	Screw (M5-0.8×10)	螺絲	1
29	W6-29	Washer	墊片	1
30	W6-30	Spacer	襯套	1
31	W6-31	Driving Shaft	傳動軸	1
32	W6-32	Bracket	托架	1
33	W6-33	Spring Washer	彈性墊片	2
34	W6-34	Screw (M5-0.8×14)	螺絲	1
35	W6-35	Needle Thread Take-up	針線提線過線桿	1
36	W6-36	Top Cover Thread Take-up	上飾線提線過線桿	1
37	W6-37	Screw (M3.5-0.6×8)	螺絲	2
38				
39	W6-39	Timing Belt	時規皮帶	1
40	W6-40	Screw (M5-0.8×4)	螺絲	2
41	W6-41	Ball Bearing	滾珠軸承	2
42	W6-42	Adapter	接頭	1
43	W6-43	Retaining Ring	扣環	1
44	W6-44	Looper Thread Take-up Shaft Sprocket	分線盤主傳動軸鏈輪	1
45	W6-45	Looper Thread Take-up Shaft	分線盤傳動軸	1
46	W6-46	Looper Thread Take-up	底線挑線凸輪	1
47	W6-47	Handwheel Adapter	手推輪轉接頭	1
48	W6-48	Screw (M5-0.8×5)	螺絲	2
49	W6-49	Screw (7/32-32×4.5)	螺絲	2
50	W6-50	Washer	墊片	2
51	W6-51	Retaining Ring	扣環	2

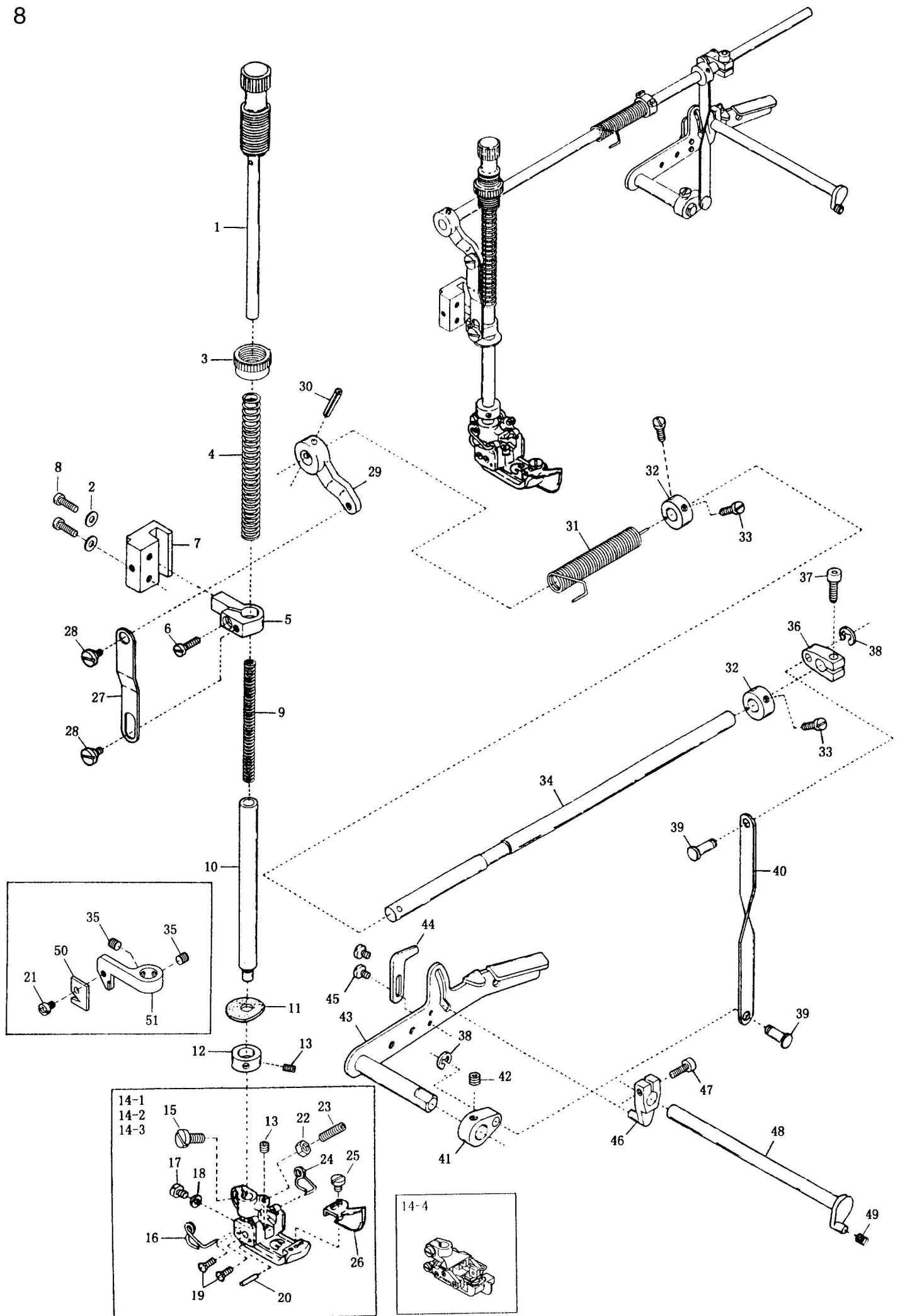


NEEDLE BAR MECHANISM

針柱機構

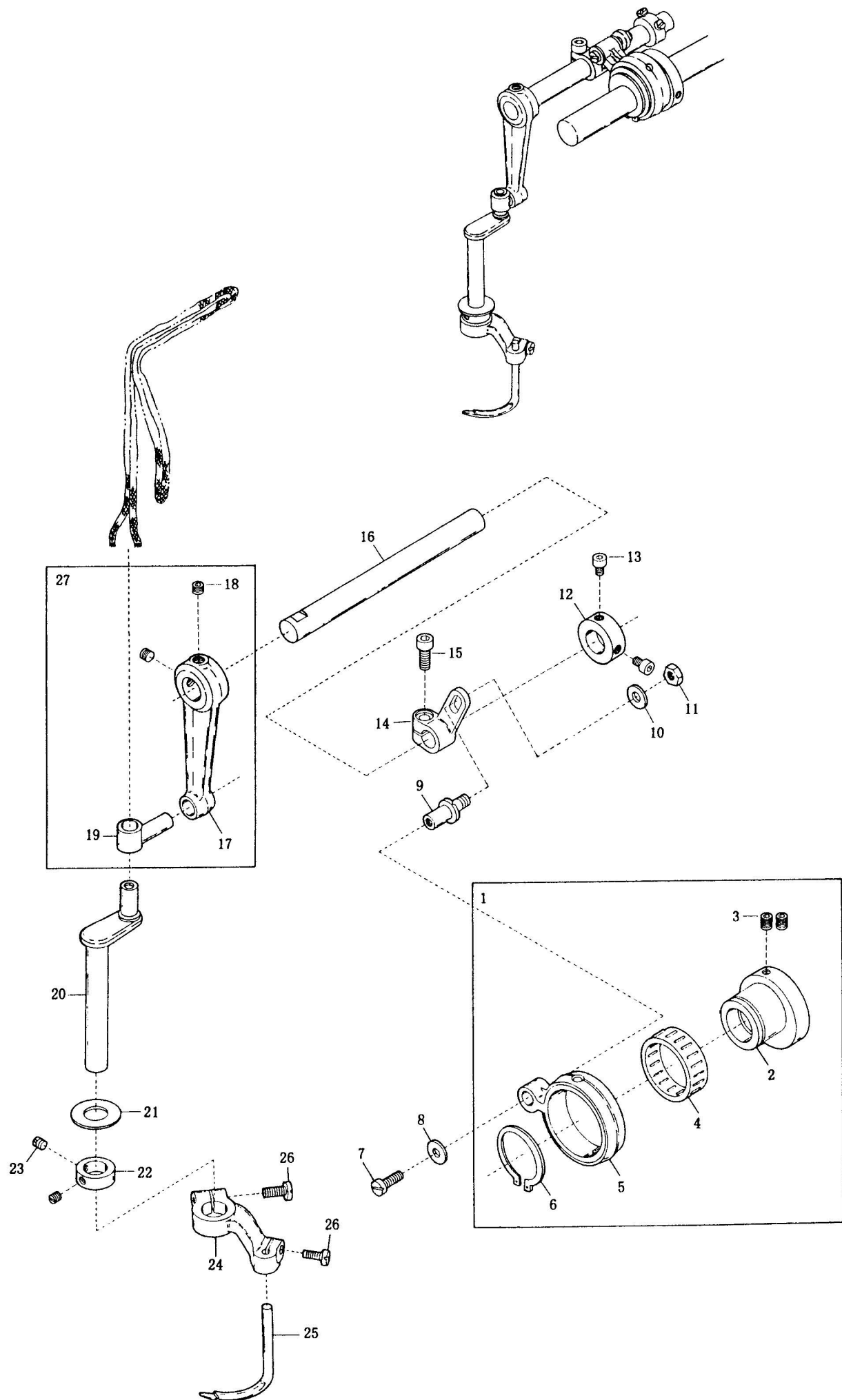
7

Ref.	Parts		Amt.
No.	No.	Description	Req.
1	W7-1	Needle Bar	1
2	W7-2	Screw (9/64-40×8)	1
3	W7-3	Needle Bar Thread Eyelet	1
4			
5	W7-5	Needle Bar Bracket	1
6	W7-6	Screw (M4-0.7×10)	1
7-1	W7-7(4.0)	Needle Clamp (4.0mm)	1
7-2	W7-7(4.8)	Needle Clamp (4.8mm)	1
7-3	W7-7(5.6)	Needle Clamp (5.6mm)	1
8	W7-8	Needle (UY128 GAS)	3
9	W7-9	Screw (1/8-44×3)	4
10	W7-10	Top Cover Thread Eyelet	1
11-1	W7-11(4.0)	Stitch Plate (4.0mm)	1
11-2	W7-11(4.8)	Stitch Plate (4.8mm)	1
11-3	W7-11(5.6)	Stitch Plate (5.6mm)	1
12	W7-12	Screw (M3-0.5×5)	2
13	W7-13	Counterweight, Complete Set	1
14	W7-14	Counterweight	1
15	W7-15	Screw (M5-0.8×10)	1
16	W7-16	Connecting Rod Ring	1
17	W7-17	Connecting Rod, Complete Set	1
18	W7-18	Connecting Rod	1
19	W7-19	Roller Bearing	1
20	W7-20	Connecting Rod Pin	1
21			
22	W7-22	Slide Block	1
23	W7-23	Needle Bar Guide	1
24	W7-24	Screw (M4-0.7×18)	2
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35	W7-35	Screw (1/8-44×4)	1
36	W7-36	Needle Thread Guiding Wire	1
37	W7-37	Thread Retainer Disc Support	1
38	W7-38	Needle Thread Retainer Dice	1
39	W7-39	Needle Thread Retainer Spring	1
40	W7-40	Screw (1/8-44×2.2)	1



PRESSER FOOT MECHANISM**壓腳機構****8**

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W8-1	Presser Spring Regulator	壓腳彈簧調節器	1
2	W8-2	Washer	墊片	1
3	W8-3	Lock Nut	併緊螺帽	1
4	W8-4	Presser Bar Spring (Outer)	壓腳棒狀彈簧 (外)	1
5	W8-5	Presser Bar Connecting Bracket	壓腳推桿連結架	1
6	W8-6	Screw (11/64-40×10)	螺絲	1
7	W8-7	Presser Bar Guide	壓腳推桿導架	1
8	W8-8	Screw (M4-0.7×14)	螺絲	2
9	W8-9	Presser Bar Spring (Inner)	壓腳棒狀彈簧 (內)	1
10	W8-10	Presser Bar	壓腳推桿	1
11	W8-11	Oil Protector Ring	止油環	1
12	W8-12	Collar	軸環	1
13	W8-13	Screw (1/8-44×3)	螺絲	2
14-1	W8-14.1	Presser Foot, Complete Set (4.0mm)	壓腳組	1
14-2	W8-14.2	Presser Foot, Complete Set (4.8mm)	壓腳組	1
14-3	W8-14.3	Presser Foot, Complete Set (5.6mm)	壓腳組	1
14-4	W8-14.4	2-Section Type Mobile Presser Foot (Tank Type Presser Foot)	2段式活動壓腳 (戰車壓腳)	1
15	W8-15	Screw (9/64-40×7.8)	螺絲	1
16	W8-16	Presser Foot Spring (Left)	壓腳彈簧(左)	1
17	W8-17	Screw (M3-0.5×3.5)	螺絲	1
18	W8-18	Washer	墊片	1
19	W8-19	Screw (3/32-56×5)	螺絲	4
20	W8-20	Presser Foot Hinge Pin	壓腳鎖門插銷	1
21	W8-21	Screw (1/8-44×4)	螺絲	1
22	W8-22	Lock Nut	保險螺帽	1
23	W8-23	Adjusting Screw (1/8-44×11)	可調螺絲	1
24	W8-24	Presser Foot Spring (Right)	壓腳彈簧(右)	1
25	W8-25	Screw (M2.5-0.45×3.5)	螺絲	1
26	W8-26	Fabric Guide (Long)	壓腳舌 (長)	1
27	W8-27	Lifter Link	提升連桿	1
28	W8-28	Screw (3/16-32×2.2)	螺絲	2
29	W8-29	Lifter Link Lever	提升連結拉柄	1
30	W8-30	Fastener Pin	固定銷	1
31	W8-31	Lifter Spring	提升彈簧	1
32	W8-32	Collar (8×16×8mm)	軸環	2
33	W8-33	Screw (M4.5-0.75×5.5)	螺絲	2
34	W8-34	Lifter Shaft	壓腳提升主軸	1
35	W8-35	Screw (M4-0.7×4)	螺絲	2
36	W8-36	Intermediate Lever	中間拉柄	1
37	W8-37	Screw (M5-0.8×14)	螺絲	1
38	W8-38	Retaining Ring	扣環	2
39	W8-39	Connecting Pin	連結銷	2
40	W8-40	Connecting Plate	連結拉板	1
41	W8-41	Lifter Lever (Small)	提升拉柄(小)	1
42	W8-42	Screw (M6-1×6)	螺絲	1
43	W8-43	Lifter Lever	提升拉柄	1
44	W8-44	Lifter Lever Stop	提升拉柄止塊	1
45	W8-45	Screw (9/64-40×5.6)	螺絲	2
46	W8-46	Tension Release Lever	拉力釋放槓桿	1
47	W8-47	Screw (11/64-40×14)	螺絲	1
48	W8-48	Tension Release Shaft	拉力釋放軸	1
49	W8-49	Swing-proof Spring	防震彈簧	1
50	W8-50	Cutter	割線刀	1
51	W8-51	Cutter Holder	割線刀座	1



SPREADER MECHANISM**上飾線驅動機構****9**

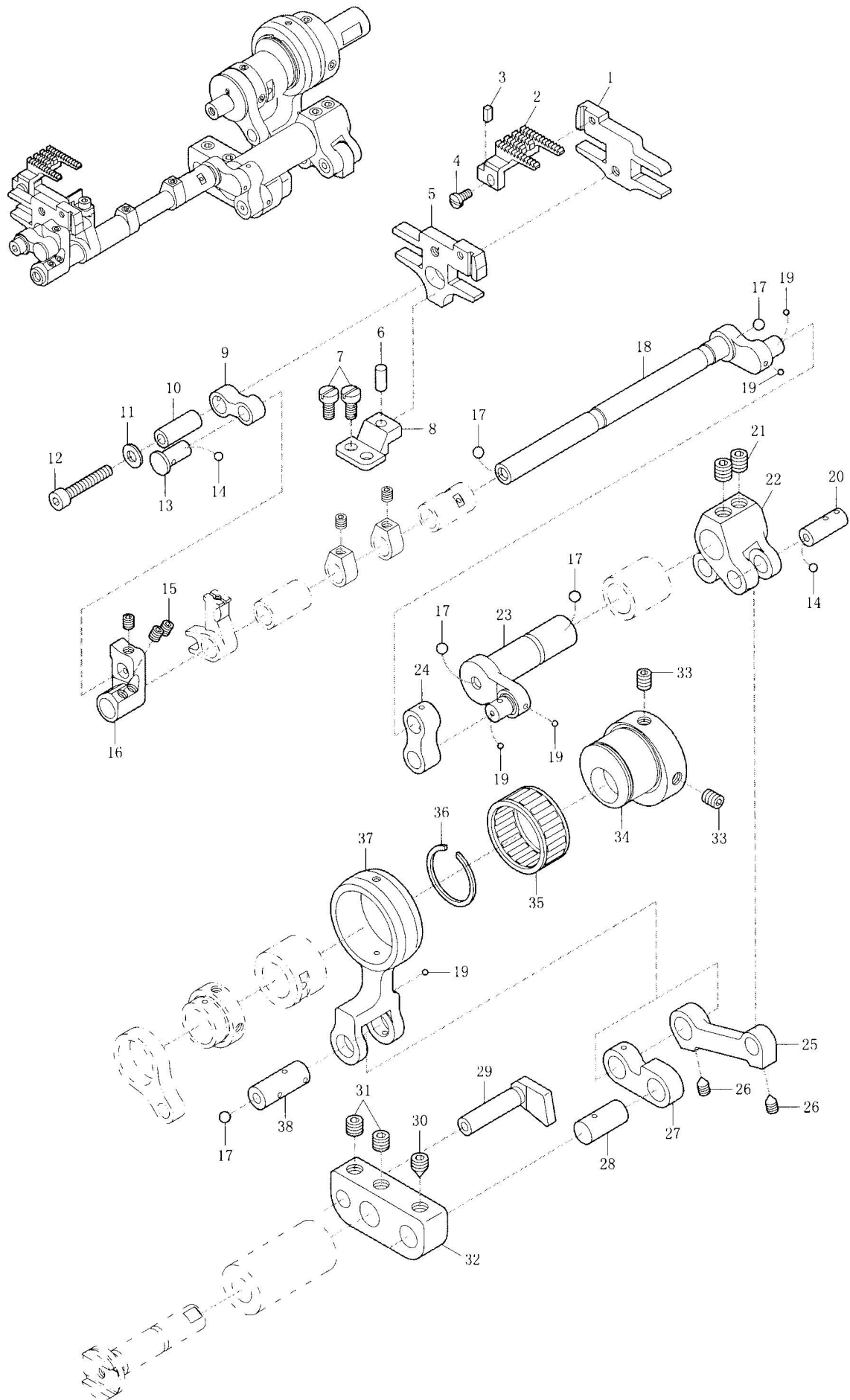
Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W9-1	Connecting Rod, Complete Set.....	連桿組.....	1
2	W9-2	Eccentric.....	偏心輪.....	1
3	W9-3	Screw (M6-1 × 8).....	螺絲.....	2
4	W9-4	Roller Bearing.....	滾珠培林.....	1
5	W9-5	Connecting Rod.....	連桿.....	1
6	W9-6	Retaining Ring.....	扣環.....	1
7	W9-7	Screw (M4-0.7 × 10).....	螺絲.....	1
8	W9-8	Washer.....	墊片.....	1
9	W9-9	Adjusting Lever Pin	拉柄可調式插銷.....	1
10	W9-10	Washer.....	墊片.....	1
11	W9-11	Nut (M6-1.0).....	螺帽.....	1
12	W9-12	Collar (12 × 20 × 8mm).....	軸環.....	1
13	W9-13	Screw (M4-0.7 × 6).....	螺絲.....	2
14	W9-14	Adjusting Lever.....	可調式拉柄.....	1
15	W9-15	Screw (M6-1 × 16).....	螺絲.....	1
16	W9-16	Driving Shaft	主動軸.....	1
17	W9-17	Rocking Arm	搖臂.....	1
18	W9-18	Screw (M6-1 × 6).....	螺絲.....	2
19	W9-19	Rocking Pin.....	支點銷.....	1
20	W9-20	Spreader Bar	延展臂.....	1
21	W9-21	Bushing Ring.....	襯環.....	1
22	W9-22	Collar (10 × 18 × 7mm)	軸環.....	1
23	W9-23	Screw (M4-0.7 × 4).....	螺絲.....	2
24	W9-24	Spreader Holder.....	上叉固定座.....	1
25	W9-25	Spreader	上叉.....	1
26	W9-26	Screw (M4-0.7 × 12)	螺絲.....	2
27	W9-27	Needle Bar Rocking Arm, Complete Set...	針棒搖臂組.....	1

LOOPER DRIVING MECHANISM

下勾針驅動機構

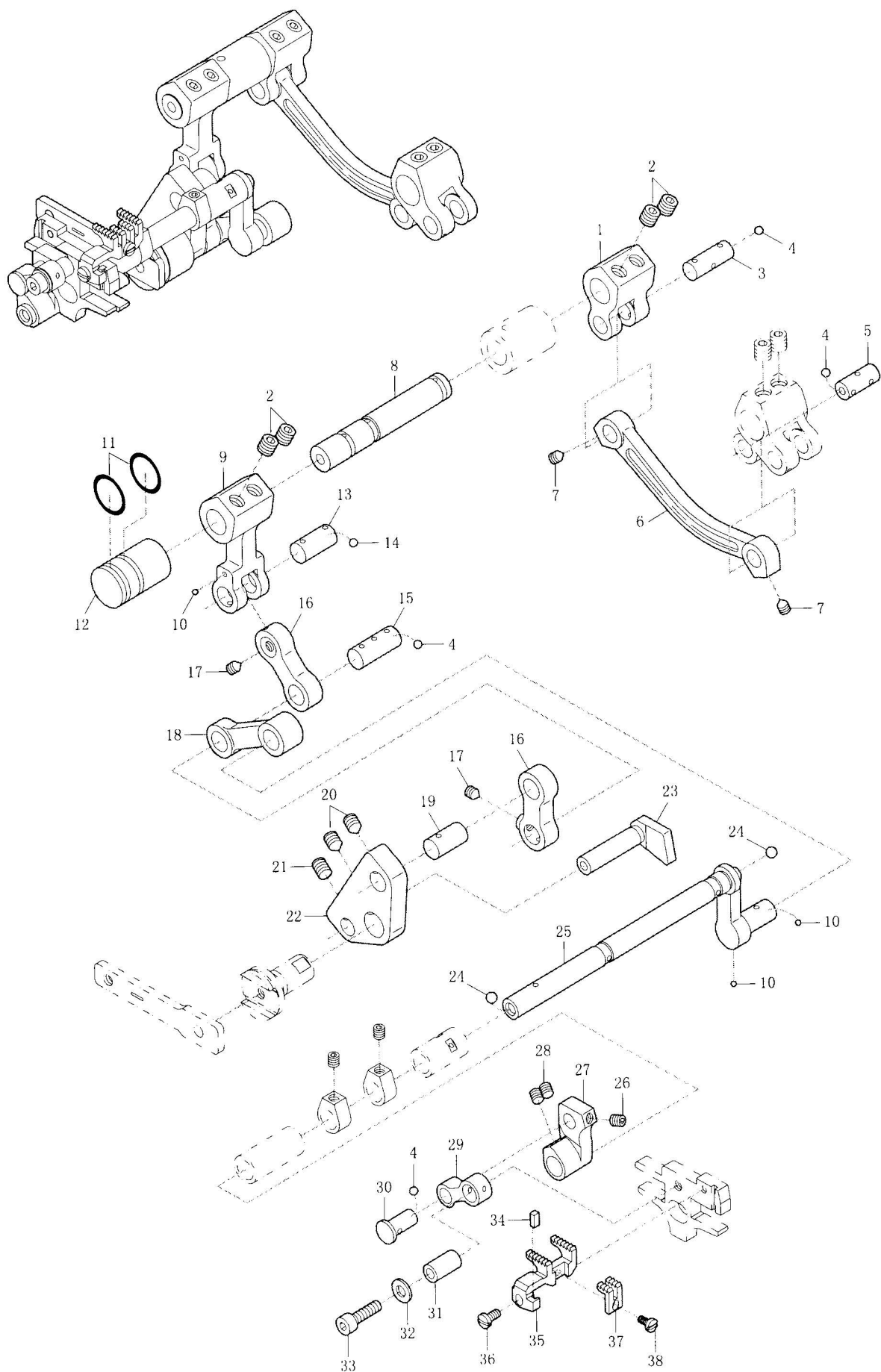
10

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W10-1	Looper.....	下勾針.....	1
2	W10-2	Screw (M3.5-0.6×6).....	螺絲.....	1
3	W10-3	Looper Holder.....	下勾針固定座.....	1
4	W10-4	Screw (M3.5-0.6×10).....	螺絲.....	1
5	W10-5	Spacer (Fiber).....	墊片.....	3
6	W10-6	Looper Bar Bushing.....	下勾針驅動軸襯套.....	1
7	W10-7	Screw (M6-1×8).....	螺絲.....	2
8				
9				
10				
11	W10-11	Bushing Spacer.....	襯套墊片.....	1
12	W10-12	Looper Bar Guide.....	下勾針驅動軸導槽.....	1
13	W10-13	Slider.....	滑塊.....	1
14	W10-14	Slider Holder.....	滑塊固定座.....	1
15	W10-15	Screw (M4-0.7×12).....	螺絲.....	2
16	W10-16	Rocker Arm, Holder.....	搖臂夾座.....	1
17	W10-17	Slider Presser.....	滑塊定位壓塊.....	1
18	W10-18	Screw (M4-0.7×4).....	螺絲.....	1
19	W10-19	Thrust Washer.....	止推墊圈.....	2
20	W10-20	Sealing Plug.....	封閉塞.....	2
21	W10-21	Looper Bar.....	下勾針棒.....	
22				
23	W10-23	Looper Bar Guide Shaft.....	下勾針棒導軸.....	1
24	W10-24	Screw (M5-0.8×30).....	螺絲.....	1
25	W10-25	Washer.....	墊片.....	2
26	W10-26	Looper Rocker Adjusting Pin.....	下勾針搖臂調整銷.....	1
27	W10-27	Roll Pin.....	輓子銷.....	1
28	W10-28	Nut.....	螺帽.....	1
29	W10-29	Looper Rocker Connecting Rod. C. Set.....	勾針搖臂連桿組.....	1
30	W10-30	Looper Rocker Regulating Eccentric.....	下勾針搖臂可調偏心輪.....	1
31	W10-31	Screw (M5-0.8×5).....	螺絲.....	1
32	W10-32	Roller Bearing.....	滾針軸承.....	1
33	W10-33	Looper Rocker Connecting Rod.....	下勾針搖臂連桿.....	1
34	W10-34	Looper Connecting Rod.....	下勾針連桿.....	1
35	W10-35	Screw (M4-0.7×14).....	螺絲.....	4
36	W10-36	Oil Splasher.....	撥油片.....	1
37	W10-37	Guide Fork.....	定位叉.....	1
38	W10-38	Screw (11/64-40×8.3).....	螺絲.....	2
39	W10-39	Looper Driving Lever.....	下勾針驅動桿.....	1
40	W10-40	Seal Plug.....	封塞.....	1
41	W10-41	Looper Rocker Arm.....	下勾針搖臂.....	1
42	W10-42	Screw (M6-0.75×8).....	螺絲.....	2
43	W10-43	Thrust Plate.....	推力板.....	3
44	W10-44	Thrust Roller Bearing.....	推力滾珠培林.....	2
45	W10-45	Looper Shaft.....	下勾針主軸.....	1
46	W10-46	Seal Plug.....	封塞.....	2



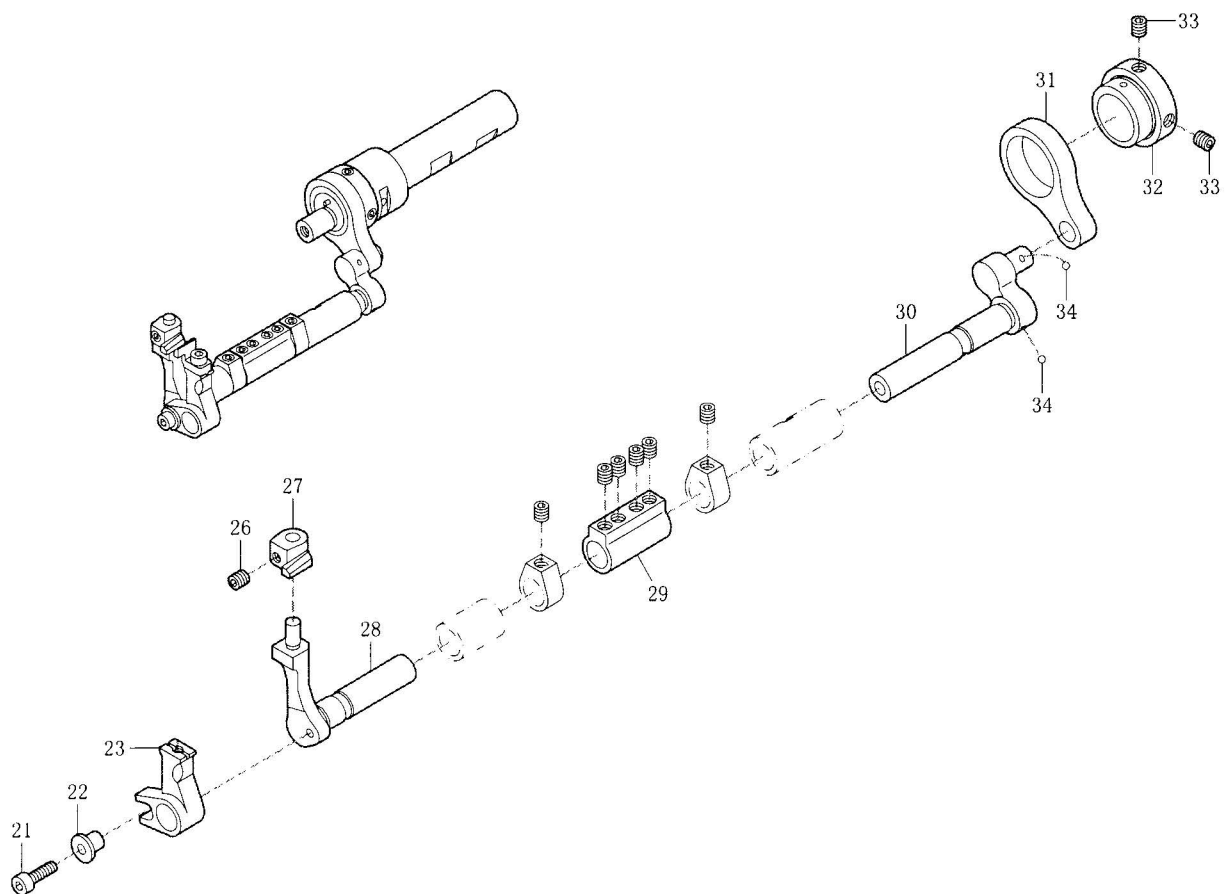
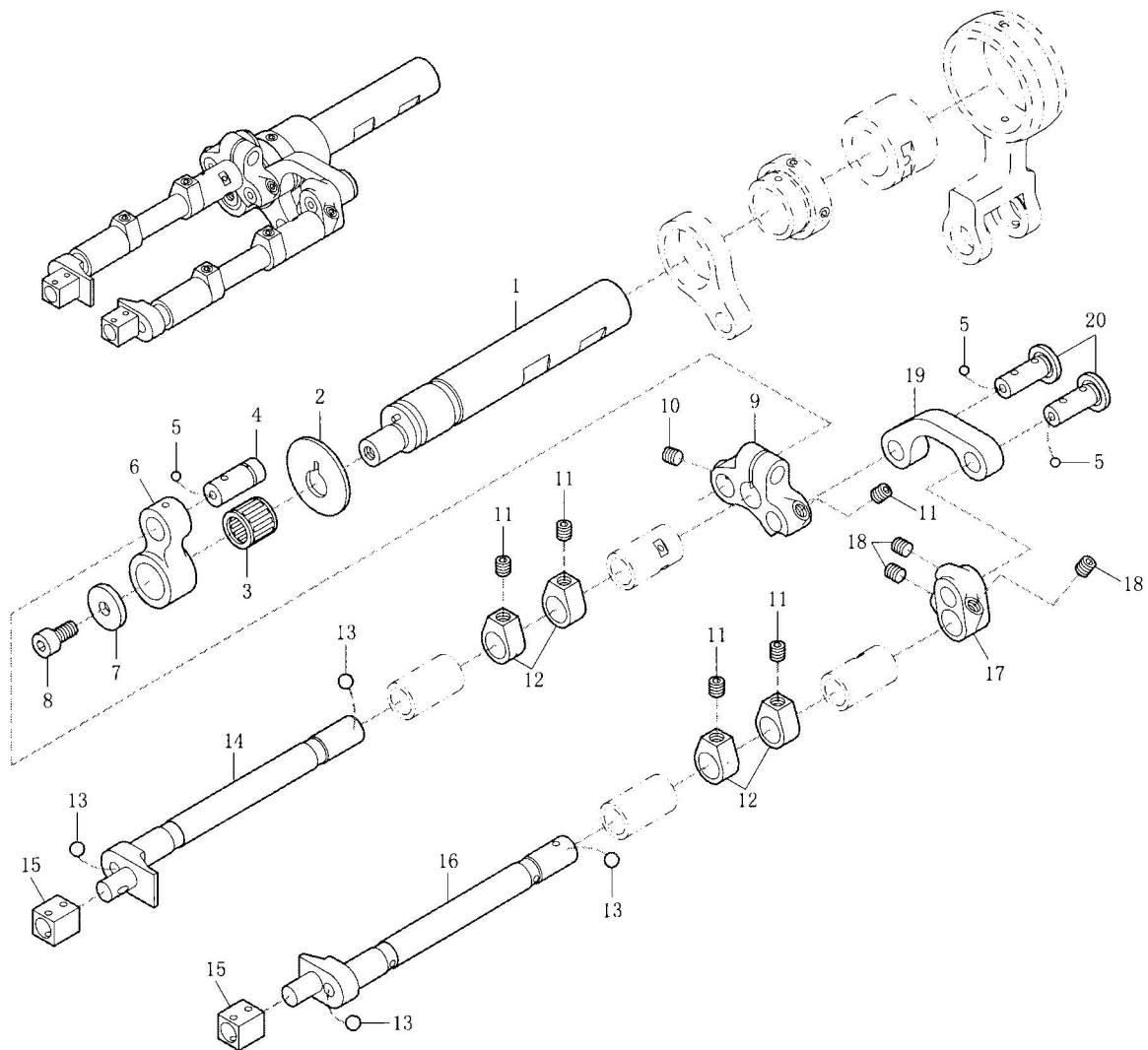
MAIN FEED DOG DRIVING CONTROL MECHANISM**主齒驅動控制機構****11**

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W11-1	Main Feed Bar·····	主送料具固定座·····	1
2	W11-2	Main Feed Dog·····	主齒·····	1
3	W11-3	Main Feed Dog Key·····	主齒鍵·····	1
4	W11-4	Screw·····	螺絲·····	1
5	W11-5	Differential Feed Bar·····	差動送料具固定座·····	1
6	W11-6	Feed Bar Guide Pin·····	送料具導塊插銷·····	1
7	W11-7	Screw·····	螺絲·····	2
8	W11-8	Feed Bar Guide ·····	送料具導塊·····	1
9	W11-9	Main Feed Bar Driving Connection·····	主送料具軸驅動連桿·····	1
10	W11-10	Driving Connection Bushing·····	驅動連桿襯套·····	1
11	W11-11	Washer·····	墊片·····	1
12	W11-12	Screw ·····	螺絲·····	1
13	W11-13	Driving Connection Pin ·····	驅動連桿插銷·····	1
14	W11-14	Sealing Plug·····	封閉塞·····	2
15	W11-15	Screw·····	螺絲·····	3
16	W11-16	Main Feed Rocker Lever·····	主送料具搖臂·····	1
17	W11-17	Sealing Plug·····	封閉塞·····	5
18	W11-18	Main Feed Rocker Shaft·····	主送料具搖臂主軸·····	1
19	W11-19	Sealing Plug·····	封閉塞·····	5
20	W11-20	Connecting Rod Pin ·····	連桿銷·····	1
21	W11-21	Screw·····	螺絲·····	2
22	W11-22	Main Feed Lift Lever·····	主送料具提升桿·····	1
23	W11-23	Main Feed Lift Shaft·····	主送料具提升主軸·····	1
24	W11-24	Main Feed Lift Link·····	主送料具提升連桿·····	1
25	W11-25	Lever Link (Long) ·····	提環桿 (長) ·····	1
26	W11-26	Screw ·····	螺絲·····	2
27	W11-27	Lever Link (Short) ·····	提環桿 (短) ·····	1
28	W11-28	Connecting Rod Link Pin·····	連桿銷·····	1
29	W11-29	Connecting Rod Guide ·····	連桿導軸·····	1
30	W11-30	Screw ·····	螺絲 (尖底) ·····	1
31	W11-31	Screw ·····	螺絲 (平底) ·····	2
32	W11-32	Main Feed Control Bracket·····	主齒控制架·····	1
33	W11-33	Screw·····	螺絲·····	2
34	W11-34	Feed Eccentric·····	送料具偏心輪·····	1
35	W11-35	Needle Bearing·····	滾針培林·····	1
36	W11-36	Retaining Ring·····	扣環·····	1
37	W11-37	Feed Connecting Rod·····	送料具連桿·····	1
38	W11-38	Connecting Rod Pin·····	連桿銷·····	1



DIFFERENTIAL FEED DOG DRIVING CONTROL MECHANISM**差動齒驅動控制機構****12**

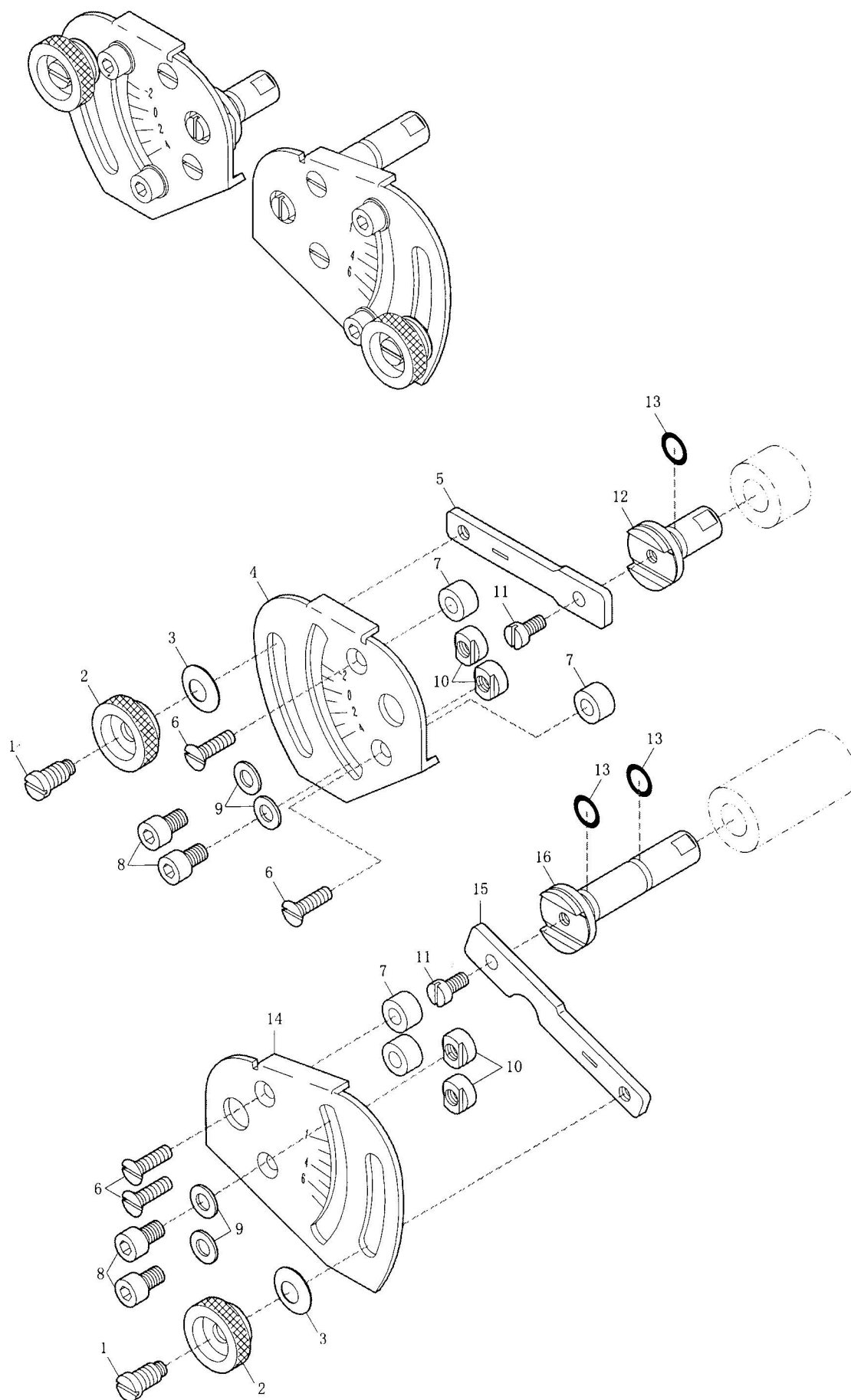
Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W12-1	Differential Feed Driving Lever.....	差動送料具驅動桿.....	1
2	W12-2	Screw.....	螺絲.....	4
3	W12-3	Connecting Rod Link Pin.....	連桿銷.....	1
4	W12-4	Sealing Plug.....	封閉塞.....	4
5	W12-5	Connecting Rod Pin.....	連桿銷.....	1
6	W12-6	Differential Feed Driving Link.....	差動送料具驅動連桿.....	1
7	W12-7	Screw.....	螺絲.....	2
8	W12-8	Differential Feed Driving Shaft.....	差動送料具驅動軸.....	1
9	W12-9	Differential Feed Connecting Rod ...	差動送料具連桿.....	1
10	W12-10	Sealing Plug.....	封閉塞.....	1
11	W12-11	Oil Seal.....	油封.....	2
12	W12-12	Collar Stopper.....	停止軸環.....	1
13	W12-13	Connecting Rod Pin.....	連桿銷.....	1
14	W12-14	Sealing Plug.....	封閉塞.....	1
15	W12-15	Link Pin.....	連桿插銷.....	1
16	W12-16	Link	連桿.....	2
17	W12-17	Screw.....	螺絲.....	2
18	W12-18	Link.....	連桿.....	1
19	W12-19	Link Pin.....	連桿插銷.....	1
20	W12-20	Screw.....	螺絲 (尖底)	2
21	W12-21	Screw.....	螺絲 (平底)	1
22	W12-22	Control Bracket.....	控制架.....	1
23	W12-23	Connecting Rod Guide.....	連桿導軸.....	1
24	W12-24	Sealing Plug.....	封閉塞.....	2
25	W12-25	Differential Feed Driving Crankshaft	差動送料具驅動曲軸.....	1
26	W12-26	Screw.....	螺絲.....	1
27	W12-27	Differential Feed Rocker Lever.....	差動送料具搖臂.....	1
28	W12-28	Screw.....	螺絲.....	2
29	W12-29	Differential Feed Lift Link.....	差動送料具提升連桿.....	1
30	W12-30	Link Pin.....	連桿銷.....	1
31	W12-31	Link Bushing.....	連桿襯套.....	1
32	W12-32	Washer.....	墊片.....	1
33	W12-33	Screw.....	螺絲.....	1
34	W12-34	Feed Dog Key.....	送料具鍵.....	1
35	W12-35	Differential Feed Dog.....	差動齒.....	1
36	W12-36	Screw.....	螺絲.....	1
37	W12-37	Differential Feed Dog (Middle)	差動齒(中間小齒)	1
38	W12-38	Screw.....	螺絲.....	1



NEEDLE GUARD & FEED DOG DRIVING MECHANISM

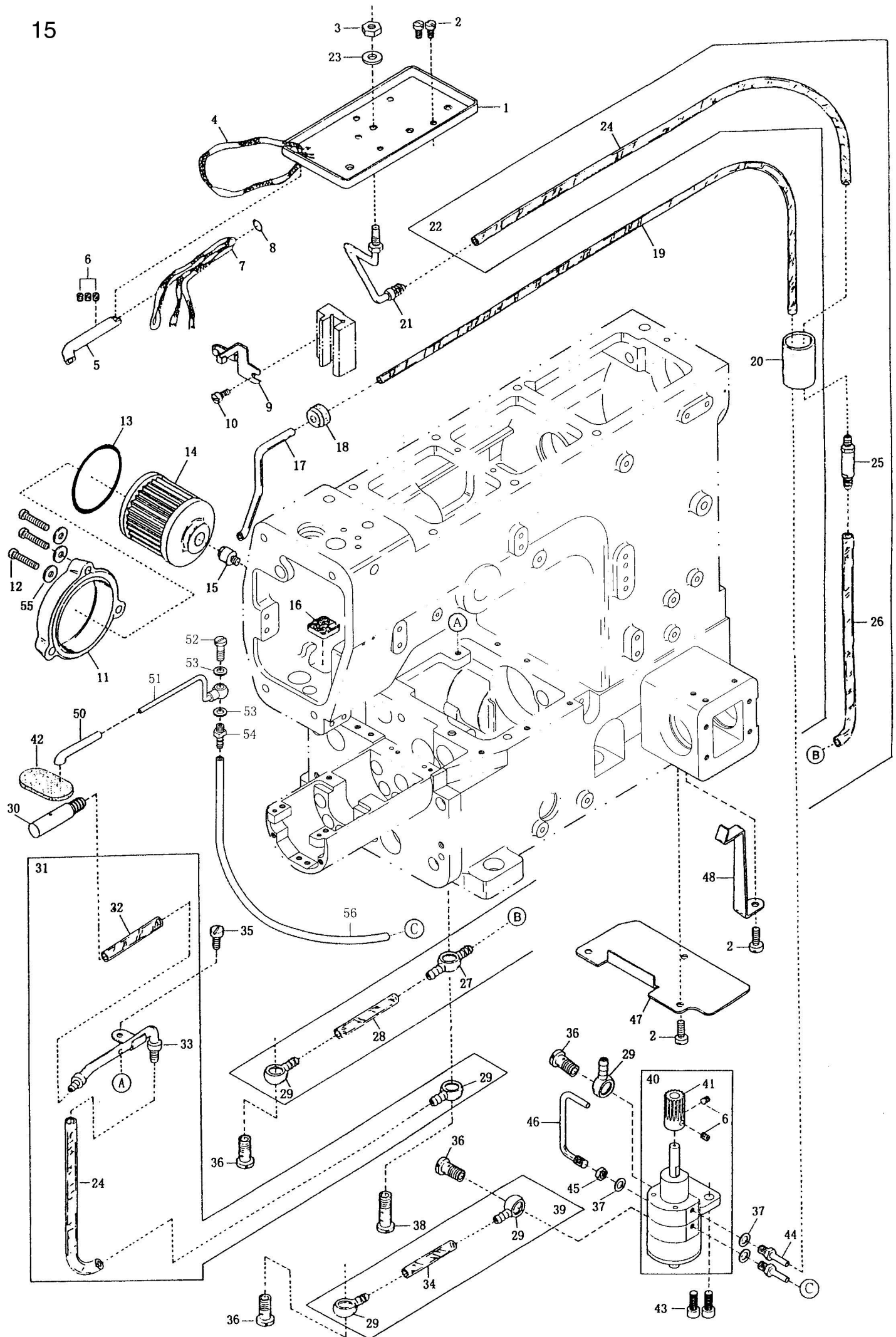
頂針片及送料具驅動機構 13

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W13-1	Feed Dog Driving Main Shaft.....	送料具驅動主軸.....	1
2	W13-2	Washer.....	墊片.....	1
3	W13-3	Needle Bearing.....	滾針培林.....	1
4	W13-4	Connecting Rod Pin.....	連桿銷.....	1
5	W13-5	Sealing Plug.....	封閉塞.....	3
6	W13-6	Feed Dog Connecting Rod.....	送料具連桿.....	1
7	W13-7	Washer.....	墊片.....	1
8	W13-8	Screw.....	螺絲.....	1
9	W13-9	Feed Dog Driving Shaft Adapter Bracket.....	送料具驅動軸轉接架.....	1
10	W13-10	Screw.....	螺絲.....	1
11	W13-11	Screw.....	螺絲.....	15
12	W13-12	Collar.....	軸環.....	10
13	W13-13	Sealing Plug.....	封閉塞.....	4
14	W13-14	Main Feed Driving Dog Crankshaft...	主齒驅動曲軸.....	1
15	W13-15	Feed Lift Block (Rear)	送料具提升滑塊.....	2
16	W13-16	Differential Feed Dog Driving Crankshaft...	差動齒驅動曲軸.....	1
17	W13-17	Differential Feed Lift Lever.....	差動齒提升拉桿.....	1
18	W13-18	Screw.....	螺絲.....	3
19	W13-19	Feed Lift Connecting Link.....	送料具提升連桿.....	1
20	W13-20	Feed Lift Connecting Link Pin	送料具提升連桿插銷.....	2
21	W13-21	Screw.....	螺絲.....	1
22	W13-22	Spacer Bushing.....	間隔襯套.....	1
23	W13-23	Needle Guard (Front) Holder.....	頂針片 (前) 固定座.....	1
26	W13-26	Screw.....	螺絲.....	1
27	W13-27	Needle Guard (Rear)	頂針片 (後)	1
28	W13-28	Needle Guard (Rear) Holder.....	頂針片 (後) 固定座.....	1
29	W13-29	Adapter Sleeve.....	接頭套筒.....	1
30	W13-30	Needle Guard Driving Crankshaft.....	頂針片驅動曲軸.....	1
31	W13-31	Connecting Rod.....	連桿.....	1
32	W13-32	Needle Guard Eccentric.....	頂針片偏心輪.....	1
33	W13-33	Screw.....	螺絲.....	2
34	W13-34	Sealing Plug.....	封閉塞.....	2



MAIN & DIFFERENTIAL FEED DOG ADJUSTING DISC MECHANISM主齒及差動齒調整盤機構14

Ref.	Parts				Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>	
1	W14-1	Screw.....	螺絲.....	2	
2	W14-2	Nut	螺帽.....	2	
3	W14-3	Conical Spring Washer.....	錐形彈簧墊片.....	2	
4	W14-4	Differential Feeding Graduations.....	差動尺寸刻度板.....	1	
5	W14-5	Differential Feeding Control Lever.....	差動量控制桿.....	1	
6	W14-6	Screw.....	螺絲.....	4	
7	W14-7	Spacer.....	墊塊.....	4	
8	W14-8	Screw.....	螺絲.....	4	
9	W14-9	Washer.....	墊片.....	4	
10	W14-10	Control Lever Stop.....	控制槓桿止塊.....	4	
11	W14-11	Screw.....	螺絲.....	2	
12	W14-12	Differential Feeding Control Lever Shaft...	差動量控制橫桿主軸.....	1	
13	W14-13	O-ring	O環	3	
14	W14-14	Stitch Length Graduations.....	針距尺寸刻度板.....	1	
15	W14-15	Stitch Length Control Lever.....	針距大小控制桿.....	1	
16	W14-16	Main Feeding Control Lever Shaft ...	針距控制橫桿主軸.....	1	

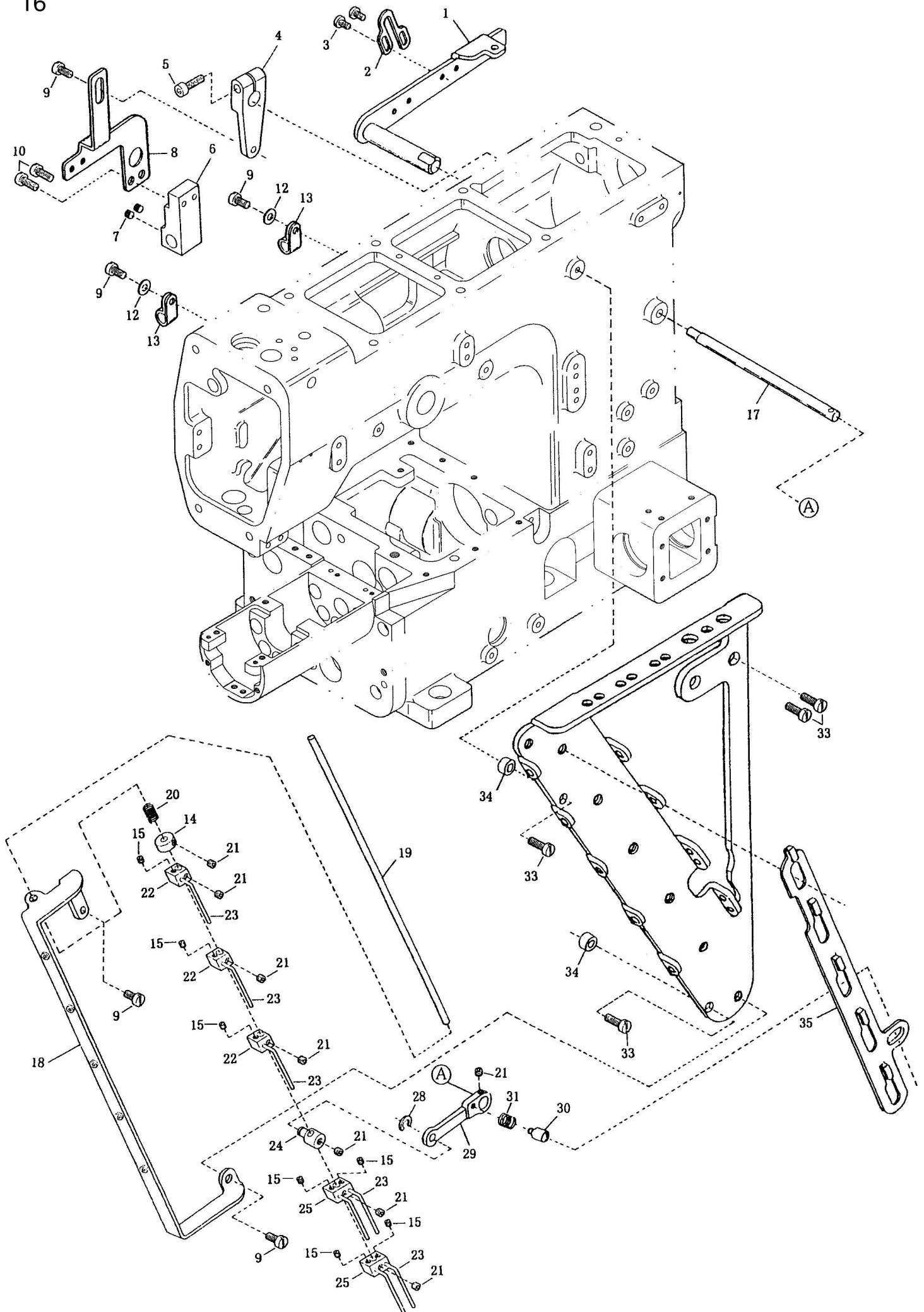


LUBRICATING MECHANISM

潤滑機構

15

Ref. No.	Parts No.	Description	品 名	Amt. Req.
1	W15-1	Oil Receiver	潤滑油接收盤	1
2	W15-2	Screw (M4-0.7×8)	螺絲	6
3	W15-3	Nut	螺帽	1
4	W15-4	Oil Wick	油蕊	1
5	W15-5	Needle Bar Connecting Rod Oil Pip	針棒連桿軸承給油管	1
6	W15-6	Screw (M4-0.7×4)	螺絲	3
7	W15-7	Oil Wick	油蕊	1
8	W15-8	O-ring (P5)	O環	1
9	W15-9	Oil Wick Holder	油蕊固定座	1
10	W15-10	Screw (9/64-40×7)	螺絲	1
11	W15-11	Oil Filter Cap	濾油器蓋	1
12	W15-12	Screw (11/64-40×16)	螺絲	3
13	W15-13	O-ring (P42)	O環	1
14	W15-14	Oil Filter	濾油器	1
15	W15-15	Oil Filter Connector	濾油器連接管	1
16	W15-16	Felt	吸油棉	1
17	W15-17	Suction Pipe	迴油管	1
18	W15-18	Suction Pipe Bushing	迴油管襯套	1
19	W15-19	Oil Tube (3×5×440mm)	油管	1
20	W15-20	Draining Pipe	油路套管	1
21	W15-21	Oil Sight Top Nozzle	外視油量上噴嘴	1
22	W15-22	Oil Tube (Long), Complete Set	油管組(長)	1
23	W15-23	Washer	墊片	1
24	W15-24	Oil Tube (4×6×100mm)	油管 (4×6×100mm)	2
25	W15-25	Non-Return Valve Unit	止回閥	1
26	W15-26	Oil Tube (4×6×280mm)	油管 (4×6×280mm)	1
27	W15-27	Oil Tube Joint, Two Way	油管接頭(雙向)	1
28	W15-28	Oil Tube (4×6×35mm)	油管 (4×6×35mm)	1
29	W15-29	Oil Tube Joint, One Way	油管接頭(單向)	5
30	W15-30	Lower Shaft Oiling Outlet	筒臂轉軸部噴油頭	1
31	W15-31	"Oil Tube (Middle), Complete Set	油管(中段)總成	1
32	W15-32	Oil Tube (4×6×50mm)	油管 (4×6×50mm)	1
33	W15-33	Lower Shaft Oiling Shower	筒臂勾針軸部噴油孔	1
34	W15-34	Oil Tube (4×6×30mm)	油管 (4×6×30mm)	1
35	W15-35	Screw (M4-0.7×8)	螺絲	1
36	W15-36	Fitting Stud (Short)	放油螺絲 (短)	4
37	W15-37	Gasket	密合墊片	10
38	W15-38	Fitting Stud (Long)	放油螺絲 (長)	1
39	W15-39	Oil Tube (Short), Complete Set	油管組(短)	1
40	W15-40	Oil Pump, Complete Set	油泵組	1
41	W15-41	Oil Pump Driving Worm Gear	油泵驅動蝸齒組	1
42	W15-42	Felt	吸油棉	1
43	W15-43	Screw (M6-1×16)	螺絲	2
44	W15-44	Suction Pipe	吸油管	2
45	W15-45	Nut	螺帽	1
46	W15-46	Oil Nozzle for Worm Gear	驅動蝸齒組噴油嘴	1
47	W15-47	Dust Proof Plate	防塵蓋	1
48	W15-48	Oil Tube Stay	油管固定架	1
49				
50	W15-50	Suction Pipe	迴油管	1
51	W15-51	Oil Tube Joint, Ont Way	油管接頭 (單向)	1
52	W15-52	Fitting Stud	放油螺絲	1
53	W15-53	Washer	墊片	2
54	W15-54	Oil Tube Adapter	油管轉接頭	1
55	W15-55	Washer	墊片	2
56	W15-56	Oil Tube (3×5×365mm)	油管 (3×5×365mm)	1

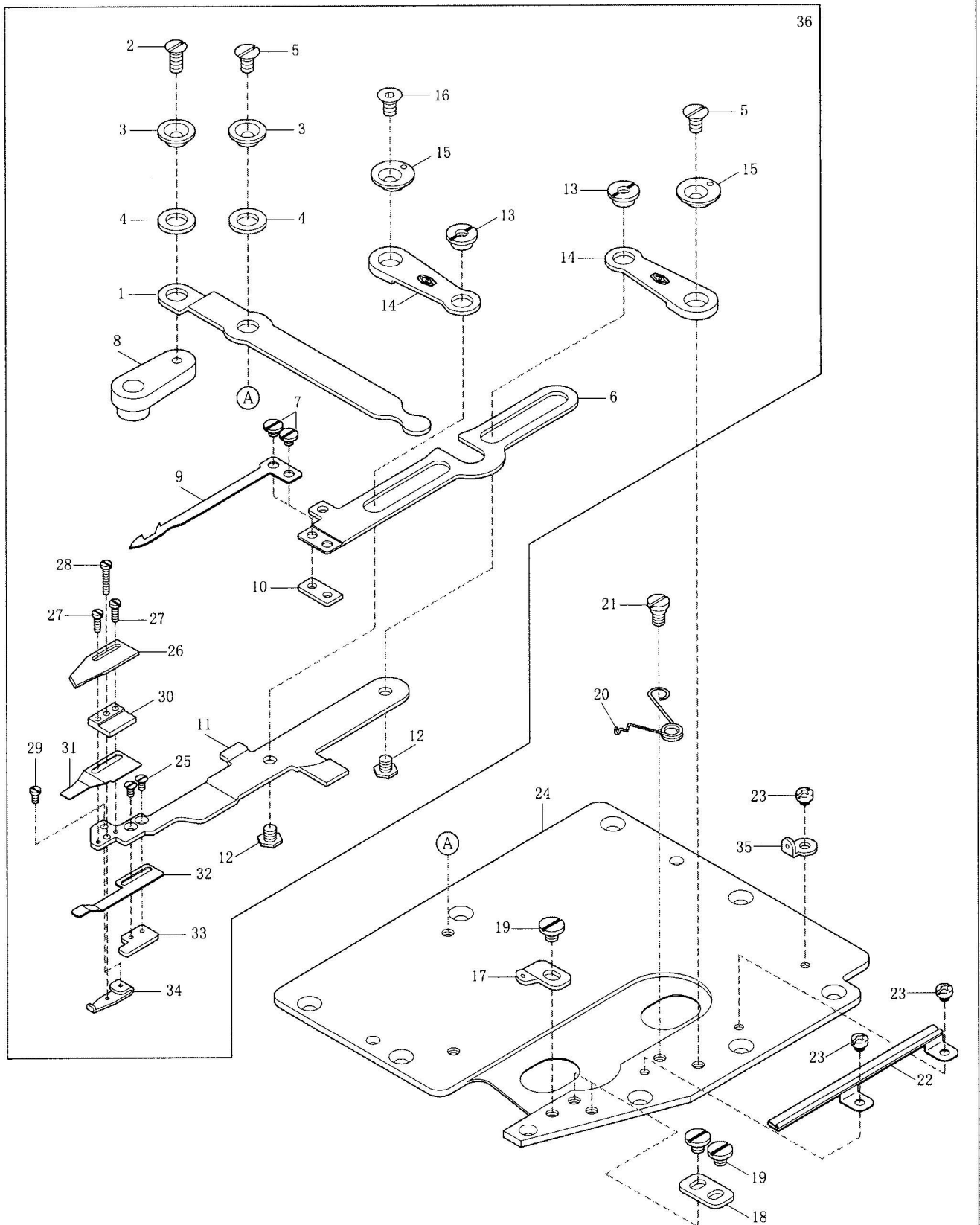


AUTO TRIMMER THREAD PULL-OFF MECHANISM

自動切線鬆線機構

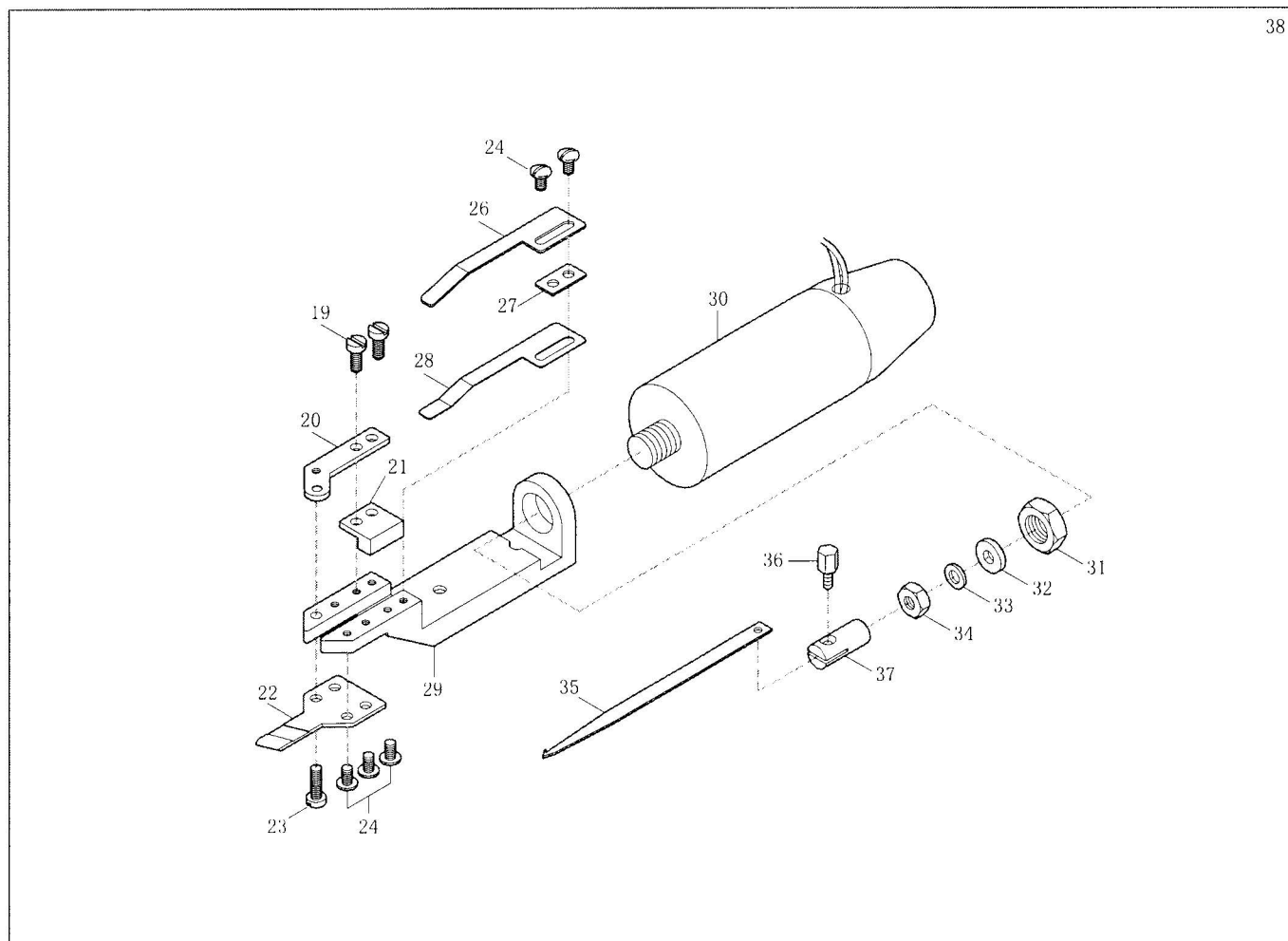
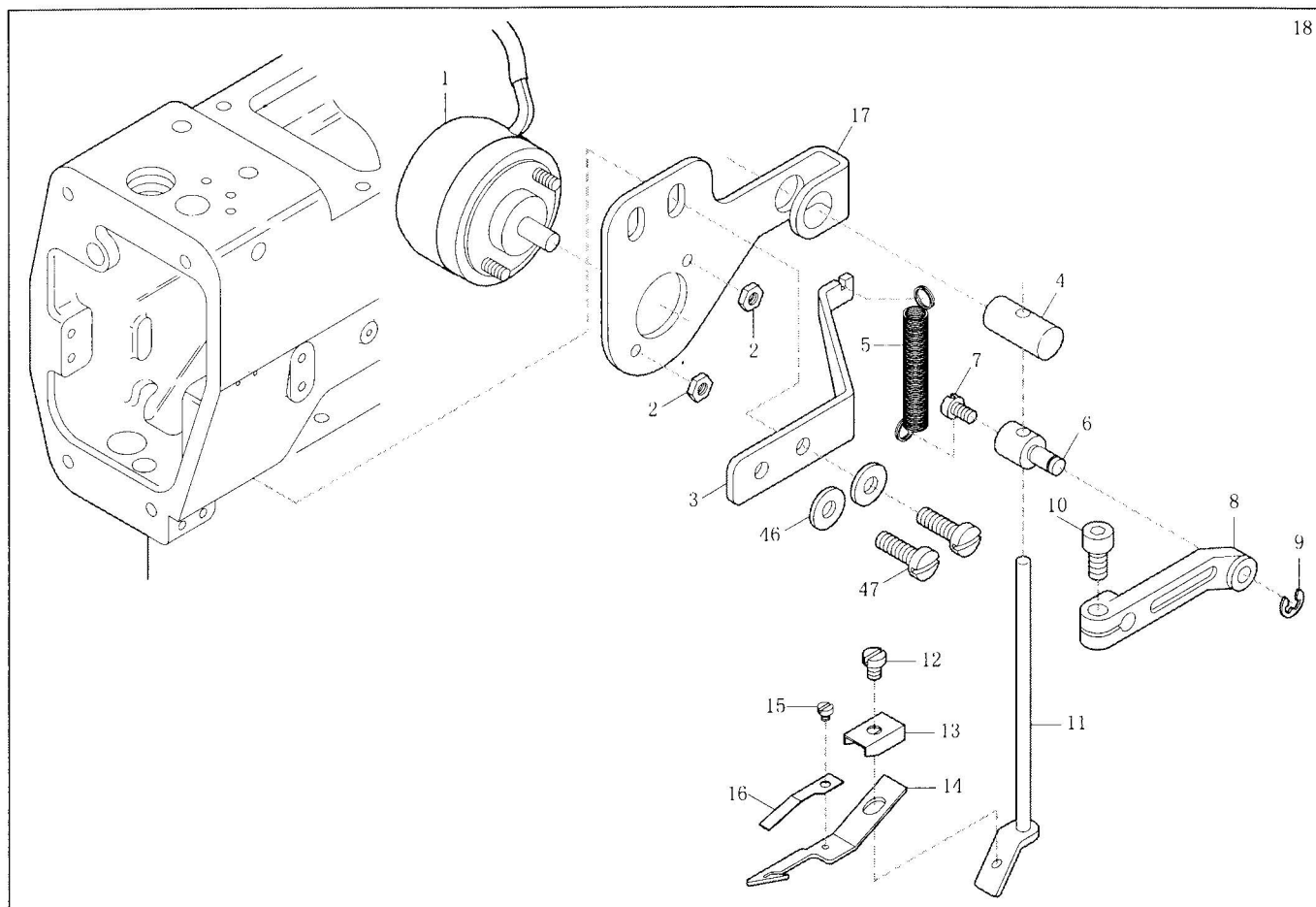
16

Ref.	Parts		Amt.
No.	No.	Description	Req.
1	W16-1	Lifter Lever.....	壓腳拉桿..... 1
2	W16-2	Lifter Lever Stop.....	拉桿止架..... 1
3	W16-3	Screw (9/64-40×6).....	螺絲..... 2
4	W16-4	Tension Release Lever.....	張力釋放槓桿..... 1
5	W16-5	Screw (M4-0.7×14).....	螺絲..... 1
6	W16-6	Tension Release Block.....	張力釋放滑塊..... 1
7	W16-7	Screw (M6-1×4.5).....	螺絲..... 2
8	W16-8	Tension Release Connecting Plate...	張力釋放連接壓板..... 1
9	W16-9	Screw (M4-0.7×8).....	螺絲..... 5
10	W16-10	Screw (M4-0.7×10).....	螺絲.....
11			
12	W16-12	Washer.....	墊片..... 2
13	W16-13	Cord Clamp.....	線夾板..... 2
14	W16-14	Collar.....	軸環..... 1
15	W16-15	Screw (1/8-44×3).....	螺絲..... 7
16			
17	W16-17	Tension Release Shaft.....	張力釋放轉軸..... 1
18	W16-18	Thread Pull-off Eyelet.....	過線鬆線架..... 1
19	W16-19	Thread Pull-off Bar.....	過線鬆線桿..... 1
20	W16-20	Swing-Proof Spring.....	防震彈簧..... 1
21	W16-21	Screw (M4-0.7×3).....	螺絲..... 7
22	W16-22	Thread Pull-off Hook Unit (One Hook).....	鬆線鉤組 (單腳)..... 3
23	W16-23	Hook.....	鬆線鉤..... 7
24	W16-24	Thread Pull-off Bar Holder.....	過線鬆線桿固定座..... 1
25	W16-25	Thread Pull-off Hook Unit (Double Hook) ...	鬆線鉤組 (雙腳)..... 2
26			
27			
28	W16-28	Retaining Ring.....	扣環..... 1
29	W16-29	Thread Pull-off Lever.....	線鬆線拉柄..... 1
30	W16-30	Tension Release Adjusting Eccentric.....	張力釋放調整偏心輪..... 1
31	W16-31	Spring.....	彈簧..... 1
32			
33	W16-33	Screw (M4-0.7×12).....	螺絲..... 4
34	W16-34	Spacer.....	隔片..... 2
35	W16-35	Tension Disc Separator.....	過線張力盤分離架..... 1



BOTTOM TRIMMER MECHANISM**底線切線刀機構****17**

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W17-1	Lower Knife Driving Lever	下切刀驅動連桿	1
2	W17-2	Screw (M4-0.7×9)	螺絲	1
3	W17-3	Lower Knife Driving Lever Ring	驅動連桿護環	2
4	W17-4	Washer	墊片	2
5	W17-5	Screw (M4-0.7×7)	螺絲	2
6	W17-6	Lower Knife Carrier	下切刀托架	1
7	W17-7	Screw (M3-0.5×2.5)	螺絲	2
8	W17-8	Connecting Plug	下切刀插接頭	1
9	W17-9	Lower Moving Knife	下活動刀	1
10	W17-10	Lower Knife Holder	下切刀固定座	1
11	W17-11	Upper Fixing Knife Carrier	上固定刀托架	1
12	W17-12	Screw (M4-0.7×4)	螺絲	2
13	W17-13	Nut	螺帽	2
14	W17-14	Knife Guide Lever	切刀導引搖臂	2
15	W17-15	Knife Guide Lever Eccentric Ring	切刀導引搖臂偏心輪	2
16	W17-16	Screw (M4-0.7×7)	螺絲	1
17	W17-17	Lower Knife Carrier Guide	下切刀托架導引片	1
18	W17-18	Upper Knife Carrier Stop	上固定刀托架止板	1
19	W17-19	Screw (M4-0.7×4)	螺絲	3
20	W17-20	Upper Knife Carrier Spring	上固定刀托架復進簧	1
21	W17-21	Screw (M4-0.7×4)	螺絲	1
22	W17-22	Looper Thread Guide	底線過線護槽	1
23	W17-23	Screw (M3-0.5×3)	螺絲	3
24	W17-24	Crank Chamber Cover	曲柄軸室蓋	1
25	W17-25	Screw (M2-0.4×4)	螺絲	2
26	W17-26	Upper Fixing Knife	上固定刀	1
27	W17-27	Screw (M2-0.4×6)	螺絲	2
28	W17-28	Screw (M2-0.4×10)	螺絲	1
29	W17-29	Screw (M2-0.4×3.6)	螺絲	2
30	W17-30	Upper Fixing Guide	上固定刀導引架	1
31	W17-31	Clamp Spring	夾緊彈簧片	1
32	W17-32	Clamp Spring Pressure	夾緊壓力彈簧刀片	1
33	W17-33	Clamp Spring Pressure Holder	夾緊壓力彈簧固定座	1
34	W17-34	Clamp Spring Pressure Adjusting Piece	壓力彈簧調整片	1
35	W17-35	Looper Thread Eyelet	底線穿線孔	1
36	W17-36	Lower Knife C. Set	下切刀組	1
37	W17-37	Lower Knife Assembly	下切刀總成	1

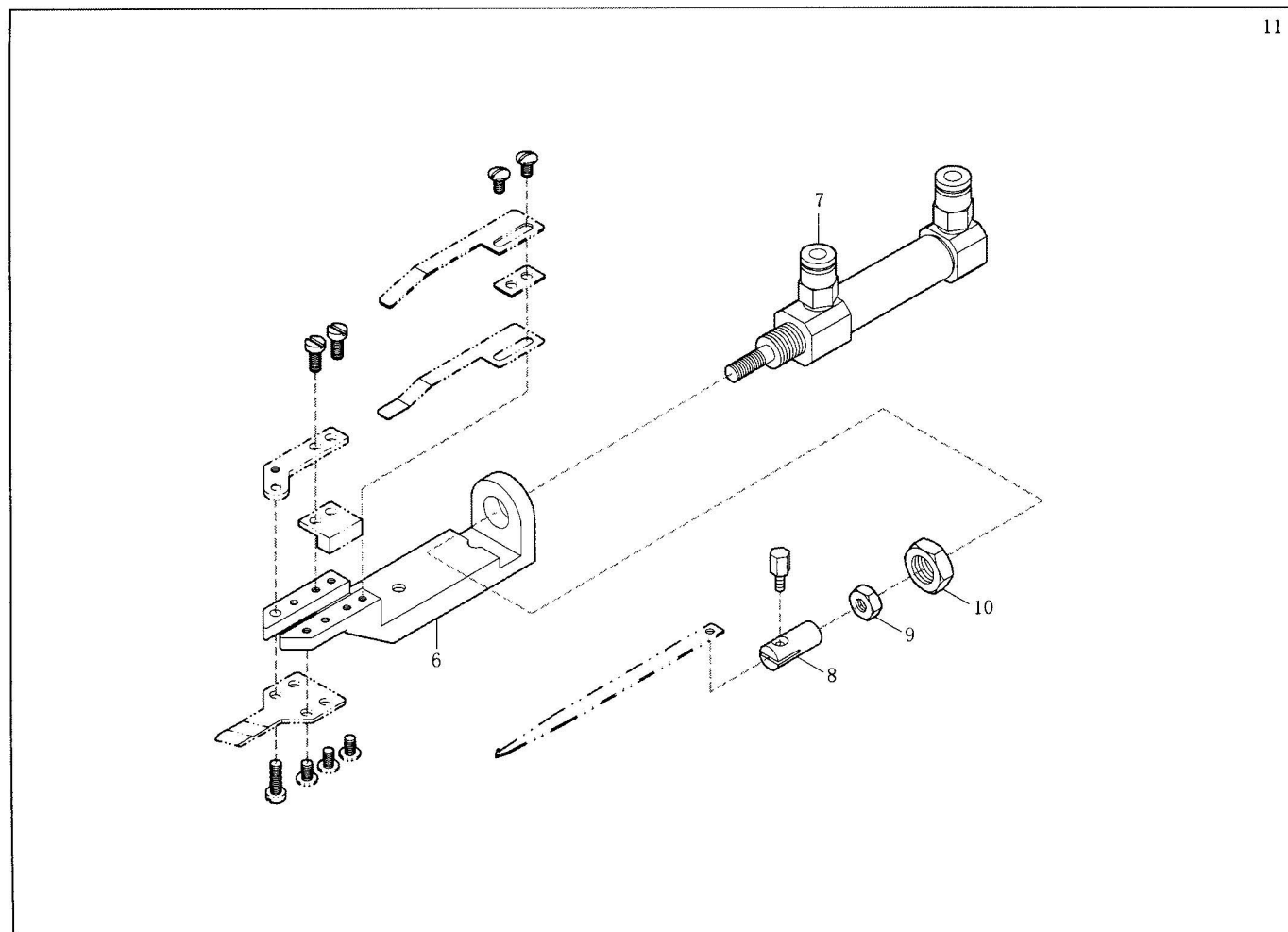
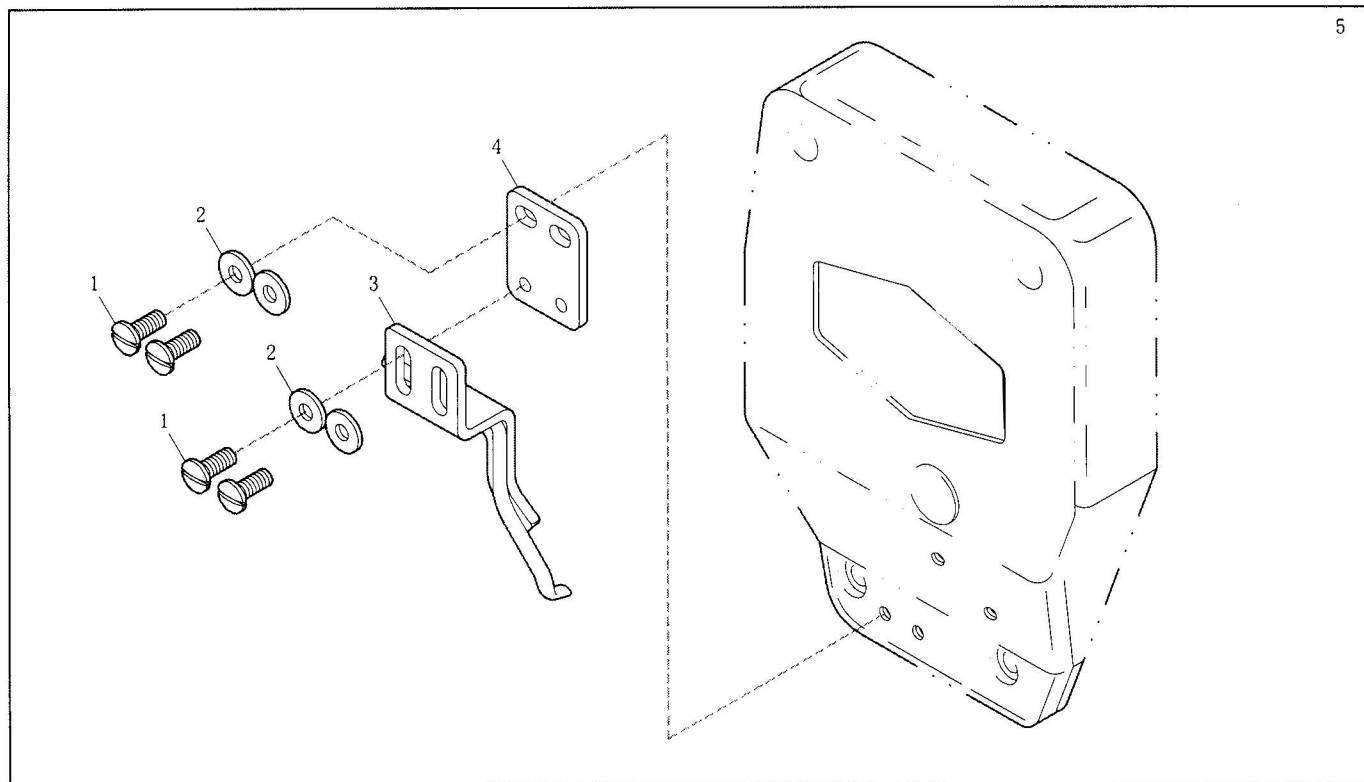


ELECTRICAL TYPE TOP THREAD WIPER & TRIMMER MECHANISM

電磁式上撥線及切線機構

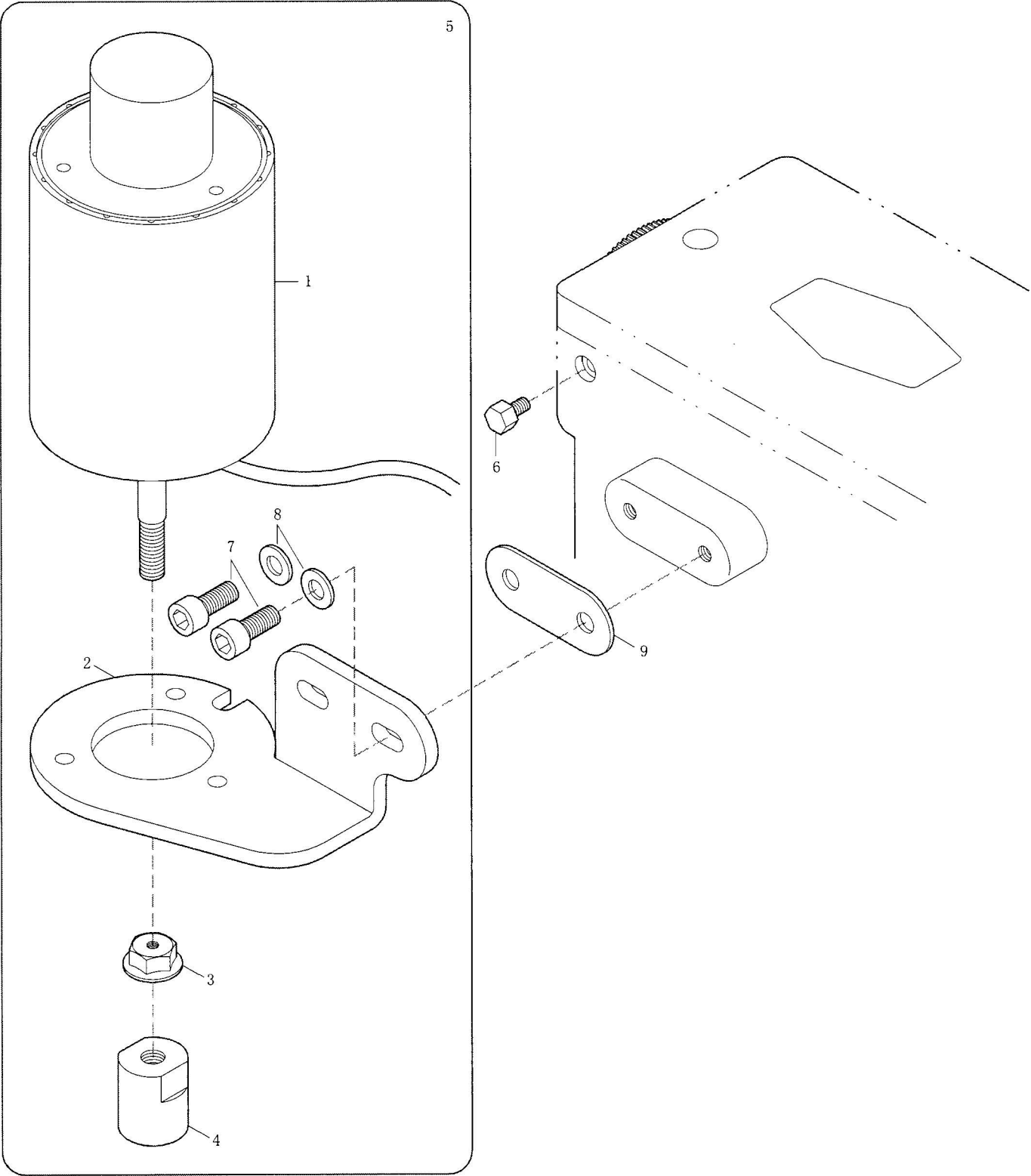
18

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W18-1	Wiper Solenoid	撥線電磁閥	1
2	W18-2	Nut	螺帽	2
3	W18-3	Buffer Spring Bracket	緩衝彈簧吊架	1
4	W18-4	Wiper Bar Guide	撥線搖臂導塊	1
5	W18-5	Buffer Spring	緩衝彈簧	1
6	W18-6	Solenoid Lever Pin	電磁閥搖臂插銷	1
7	W18-7	Screw (M3-0.5×5)	螺絲	1
8	W18-8	Solenoid Lever	電磁閥搖臂	1
9	W18-9	Retaining Ring	扣環	1
10	W18-10	Screw (M4-0.7×8)	螺絲	1
11	W18-11	Wiper Bar	撥線搖臂	1
12	W18-12	Screw (M3-0.5×4)	螺絲	1
13	W18-13	Wiper Holder	撥線鉤固定座	1
14	W18-14	Wiper	撥線鉤	1
15	W18-15	Screw (M2-0.4×2)	螺絲	1
16	W18-16	Clamp Spring	夾線彈簧片	1
17	W18-17	Solenoid Bracket	撥線電磁閥托架	1
18	W18-18	Electrical Type Thread Wiper C. Set	電磁式撥線組	1
19	W18-19	Screw (3/32-56×6)	螺絲	2
20	W18-20	Clamp Spring Pressure Adjusting Piece	上切刀壓力調整片	1
21	W18-21	Pressure Adjusting Piece Spacer	壓力調整隔片	1
22	W18-22	Fixed Trimming Knife	上切刀固定刀	1
23	W18-23	Screw (3/32-56×10)	螺絲	1
24	W18-24	Screw (3/32-56×4)	螺絲	5
25				
26	W18-26	Clamp Spring Pressure	夾線壓力片	1
27	W18-27	Clamp Spring Pressure Spacer	夾線壓力隔片	1
28	W18-28	Thread Clamp	夾線片	1
29	W18-29	Knife Guide Bracket	上切刀導槽托架	1
30	W18-30	Solenoid	電磁閥	1
31	W18-31	Nut	螺帽	1
32	W18-32	Washer	墊片	1
33	W18-33	Spring Washer	彈簧墊片	1
34	W18-34	Nut	螺帽	1
35	W18-35	Movable Trimming Knife	上活動刀片	1
36	W18-36	Screw (M2-0.4×6)	螺絲	1
37	W18-37	Movable Knife Holder	上切刀台	1
38	W18-38	Electrical Type Top Trimmer C. Set	電磁式上切線組	1
39				
40				
41				
42				
43				
44				
45				
46	W18-46	Washer	墊片	2
47	W18-47	Screw	螺絲	2



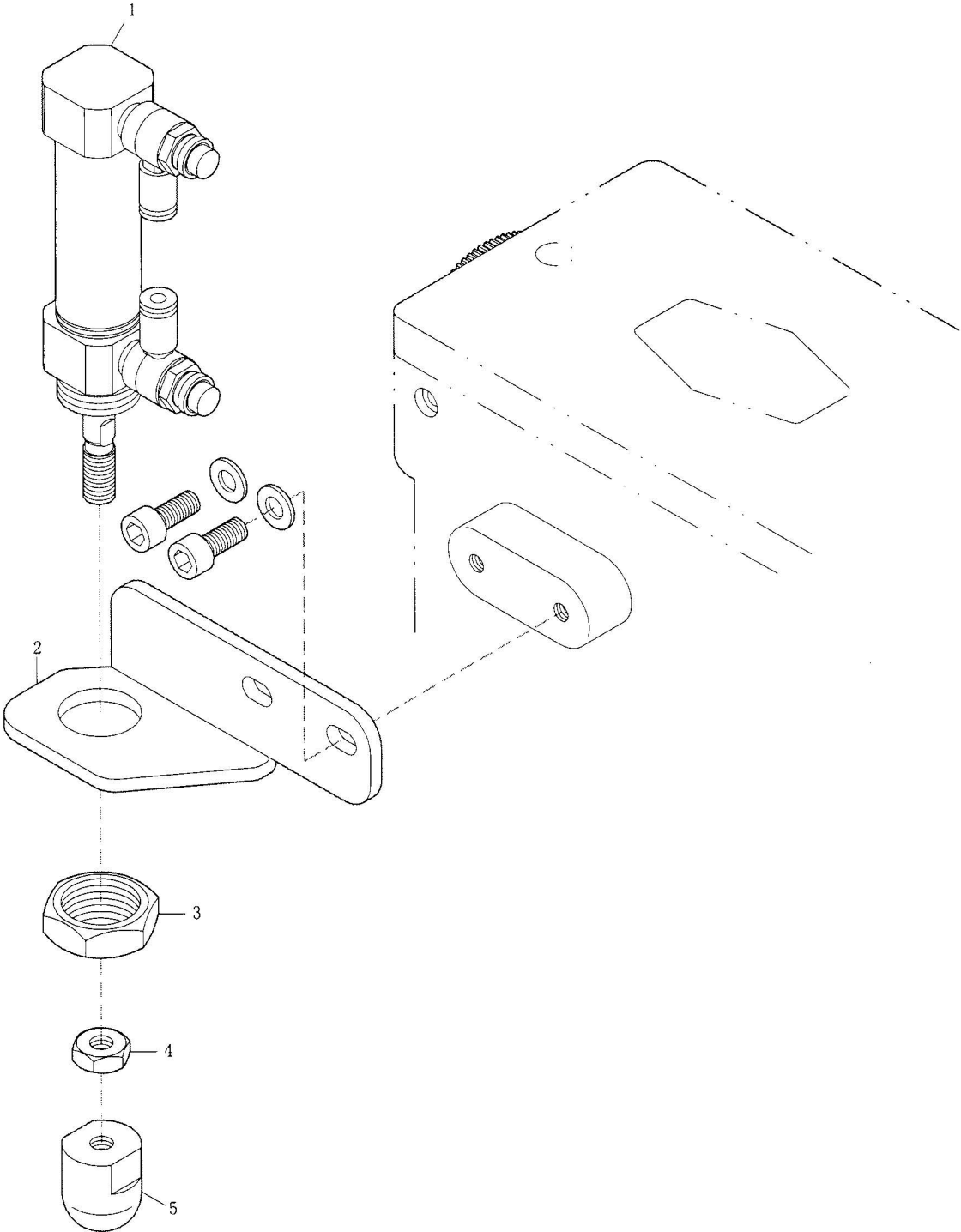
PNEUMATIC TYPE TOP AIR WIPER & TRIMMER MECHANISM**氣壓式上吹風撥線及切線機構****19**

Ref.	Parts				Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>	
1	W19-1	Screw (M4-0.7 × 10)	螺絲	4	
2	W19-2	Washer	墊片	4	
3	W19-3	Air Wiper	吹風撥線管	1	
4	W19-4	Air Wiper Holder	撥線管固定座	1	
5	W19-5	Pneumatic Type Air Wiper C. Set	氣壓式吹風撥線組	1	
6	W19-6	Pneumatic Type Knife Guide Bracket	氣壓式上切刀導槽托架	1	
7	W19-7	Air Cylinder	氣缸	1	
8	W19-8	Pneumatic Type Movable Knife Holder	氣壓式上切刀台	1	
9	W19-9	Nut	螺帽	1	
10	W19-10	Nut	螺帽	1	
11	W19-11	Pneumatic Type Top Trimmer C. Set	氣壓式上切刀組	1	



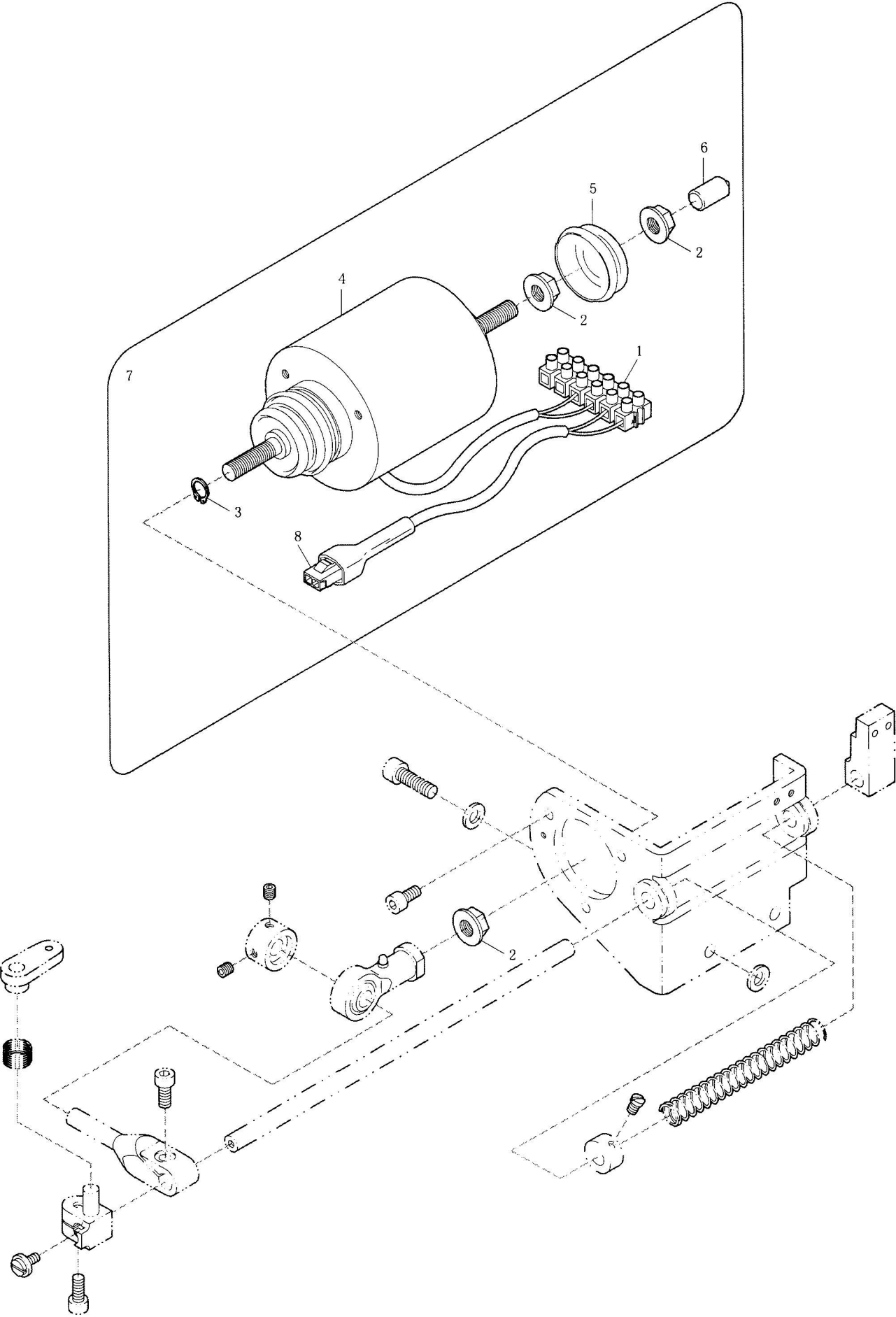
ELECTRICAL TYPE DIRECT DRIVING PRESSER FOOT LEFTER電磁式直接驅動抬押腳組20

Ref.	Parts				Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>	
1	W20-1	Presser Foot Lifter Solenoid	抬壓腳電磁閥.....	1	
2	W20-2	Solenoid Bracket.....	電磁閥吊架.....	1	
3	W20-3	Nut.....	螺帽.....	1	
4	W20-4	Plastic Pushing Block.....	塑膠推塊.....	1	
5	W20-5	Presser Foot Lifter C. Set	電磁直接式抬壓腳組.....	1	
6	W20-6	Screw (M4-0.7×8).....	螺絲.....	1	
7	W20-7	Screw (M6-1.0×16)	螺絲.....	2	
8	W20-8	Washer.....	墊片.....	2	
9	W20-9	Shock Absorbing Gasket	避震墊片.....	1	



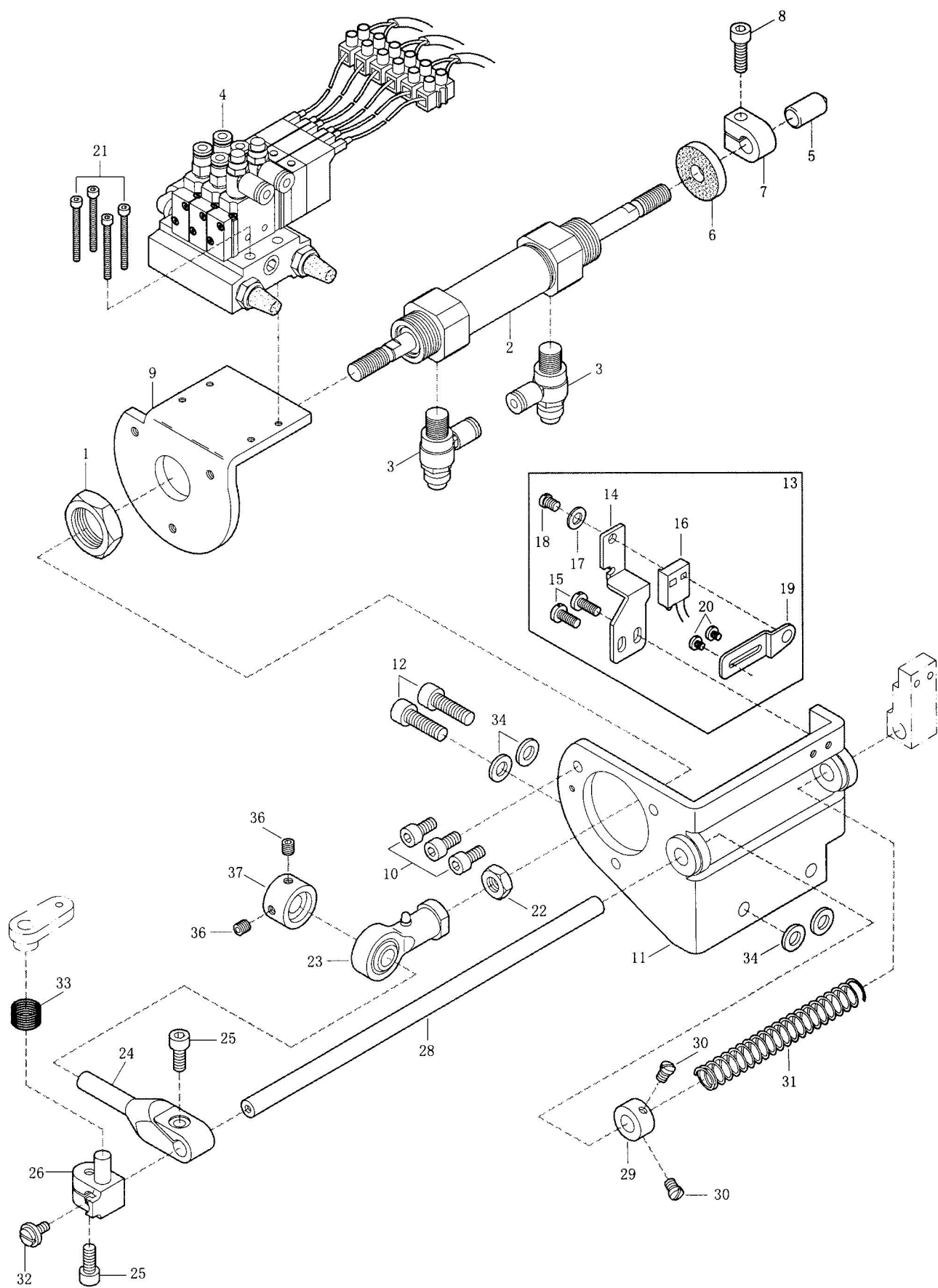
PNEUMATIC TYPE PRESSER FOOT LEFTER**氣壓式抬押腳組****21**

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	W21-1	Air Cylinder.....	空壓管.....	1
2	W21-2	Air Cylinder Bracket.....	空壓管托架.....	1
3	W21-3	Nut.....	螺帽.....	1
4	W21-4	Nut.....	螺帽.....	1
5	W21-5	Plastic Pushing Block	塑膠推塊.....	1



ELECTRICAL TYPE BOTTOM TRIMMER DRIVING MECHANISM電磁式下切刀驅動機構22

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	W22-1	Terminal Holder.....	端子台.....	1
2	W22-2	Nut.....	螺帽.....	3
3	W22-3	Retaining Ring.....	扣環.....	1
4	W22-4	Trimming Solenoid.....	下切刀電磁閥.....	1
5	W22-5	Solenoid Dust-Proof Cover	電磁閥防塵套.....	2
6	W22-6	Rubber Cover.....	膠蓋.....	1
7	W22-7	Bottom Trimming Solenoid C. Set.....	下切刀電磁閥組.....	1
8	W22-8	Connector.....	連接端子.....	1

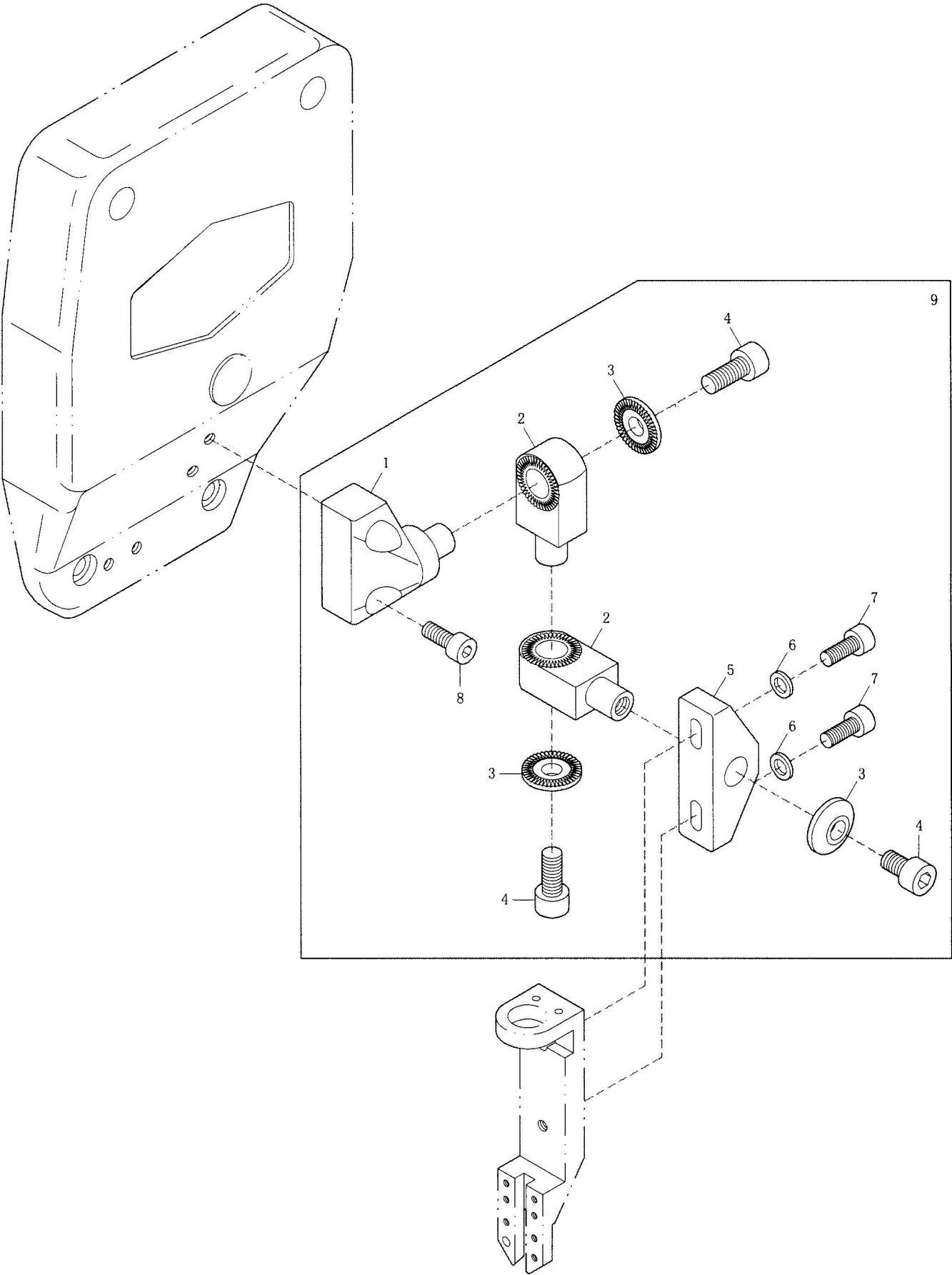


PNEUMATIC TYPE BOTTOM TRIMMER DRIVING MECHANISM

氣壓式下切刀驅動機構

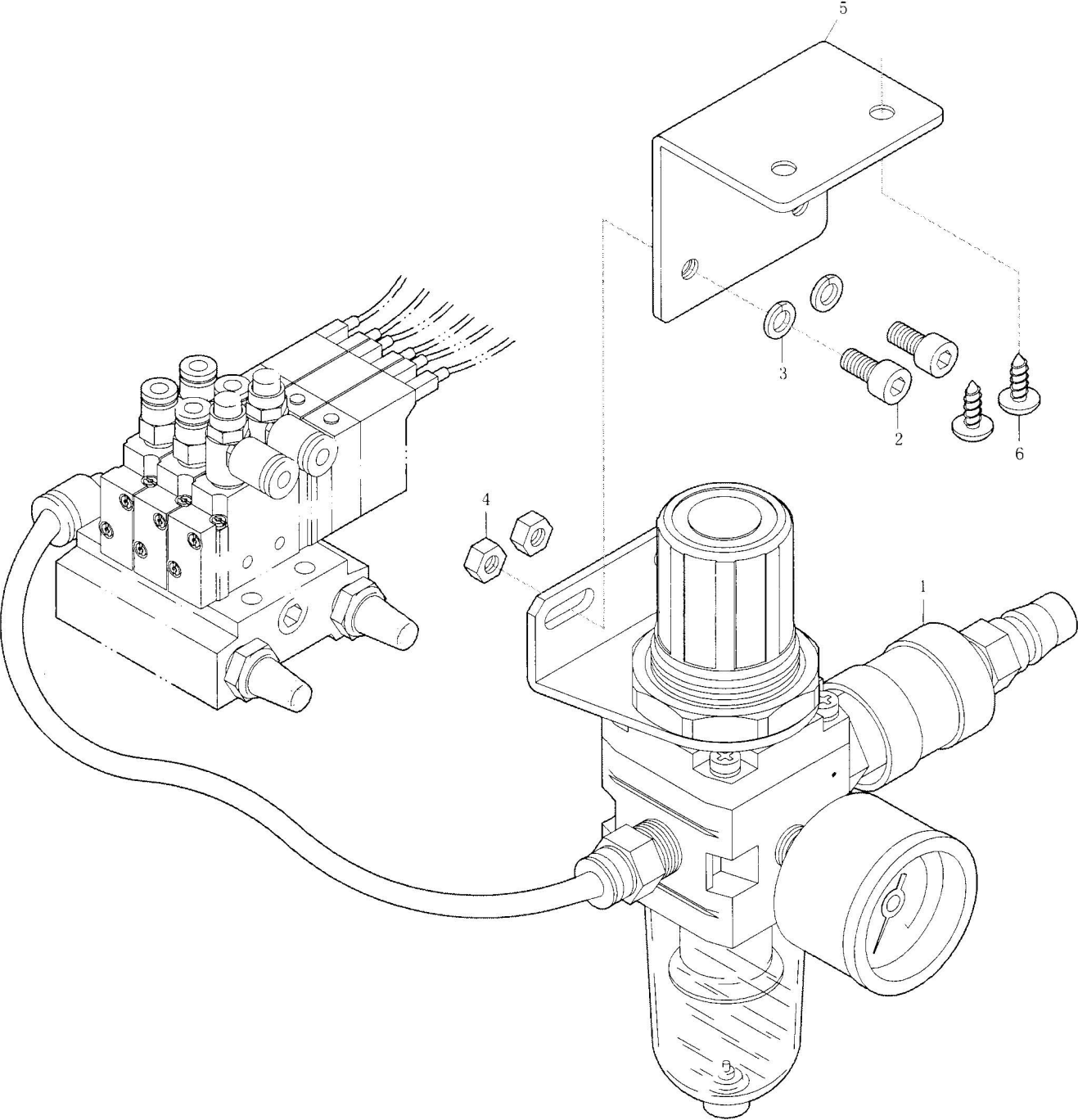
23

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W23-1	Nut.....	螺帽.....	1
2	W23-2	Air Cylinder.....	空壓管.....	1
3	W23-3	Elbow Connector.....	肘形接頭.....	2
4	W23-4	"Electromagnetic Valve, C. Set	"氣壓電磁閥組.....	1
5	W23-5	Rubber Cover.....	膠套.....	1
6	W23-6	Rubber Cushion.....	避震膠墊.....	1
7	W23-7	Adjusting Collar	調整環.....	1
8	W23-8	Screw (M5-0.8×16).....	螺絲.....	1
9	W23-9	Cylinder Bracket.....	空壓管吊架.....	1
10	W23-10	Screw (M5-0.8×10).....	螺絲.....	3
11	W23-11	Trimming Cylinder Support	下切刀空壓管座.....	1
12	W23-12	Screw (M6-1×20).....	螺絲.....	2
13	W23-13	"Switch , Complete Set.....	"安全開關組.....	1
14	W23-14	Switch Support.....	安全開關座.....	1
15	W23-15	Screw (M4-0.7×8).....	螺絲.....	2
16	W23-16	Switch.....	安全開關.....	1
17	W23-17	Washer.....	墊片.....	1
18	W23-18	Screw (11/64-40×5.5).....	螺絲.....	2
19	W23-19	Switch Guide.....	安全開關導片.....	1
20	W23-20	Screw (M3-0.5×3.3).....	螺絲.....	2
21	W23-21	Screw (M4-0.7×25).....	螺絲.....	4
22	W23-22	Nut.....	螺帽.....	1
23	W23-23	Plunger Connecting Rod	柱塞式連桿.....	1
24	W23-24	Plunger.....	柱塞接頭.....	1
25	W23-25	Screw (M5-0.8×12)	螺絲.....	2
26	W23-26	Connecting Block	連結滑塊.....	1
27				
28	W23-28	Cylinder Return Shaft	空壓管復進軸.....	1
29	W23-29	Collar.....	軸環.....	1
30	W23-30	Screw (M4.5-0.75×5.5).....	螺絲.....	2
31	W23-31	Cylinder Return Spring	空壓管復進簧.....	1
32	W23-32	Screw (M4-0.7×8).....	螺絲.....	1
33	W23-33	Spring	彈簧.....	1
34	W23-34	Washer.....	墊片.....	4
35				
36	W23-36	Screw (M5-0.8×5).....	螺絲.....	2
37	W23-37	Plunger Stop.....	柱塞止環.....	1



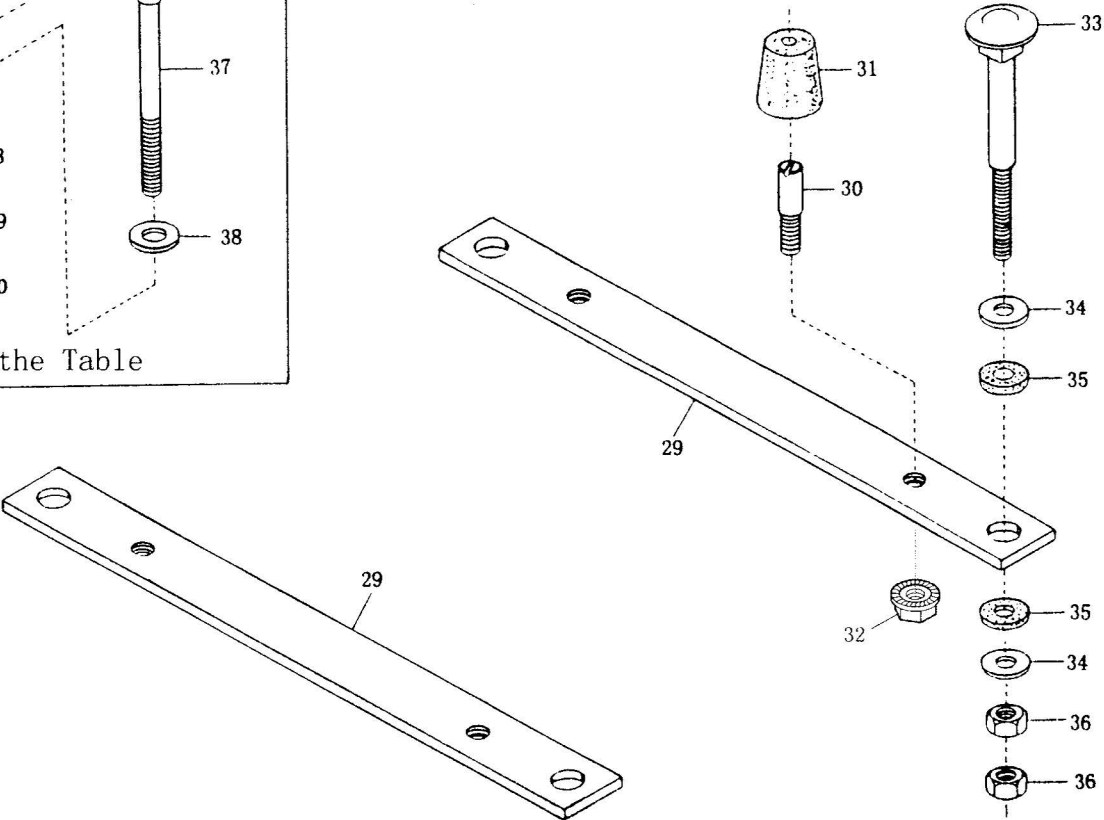
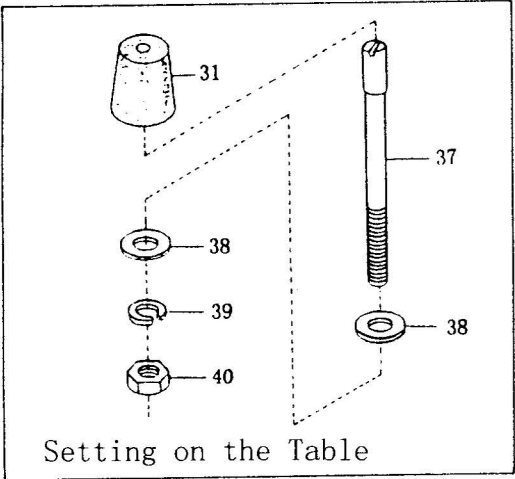
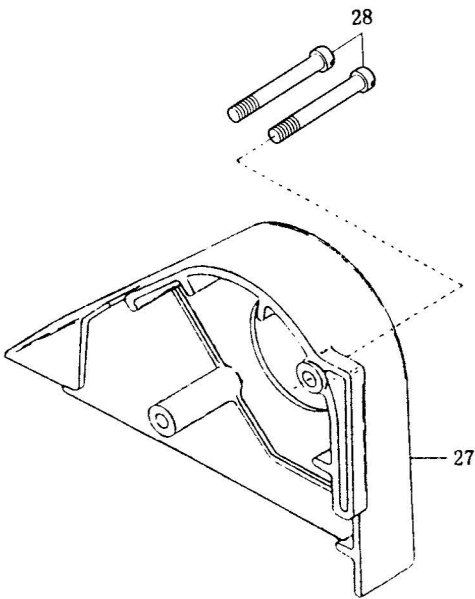
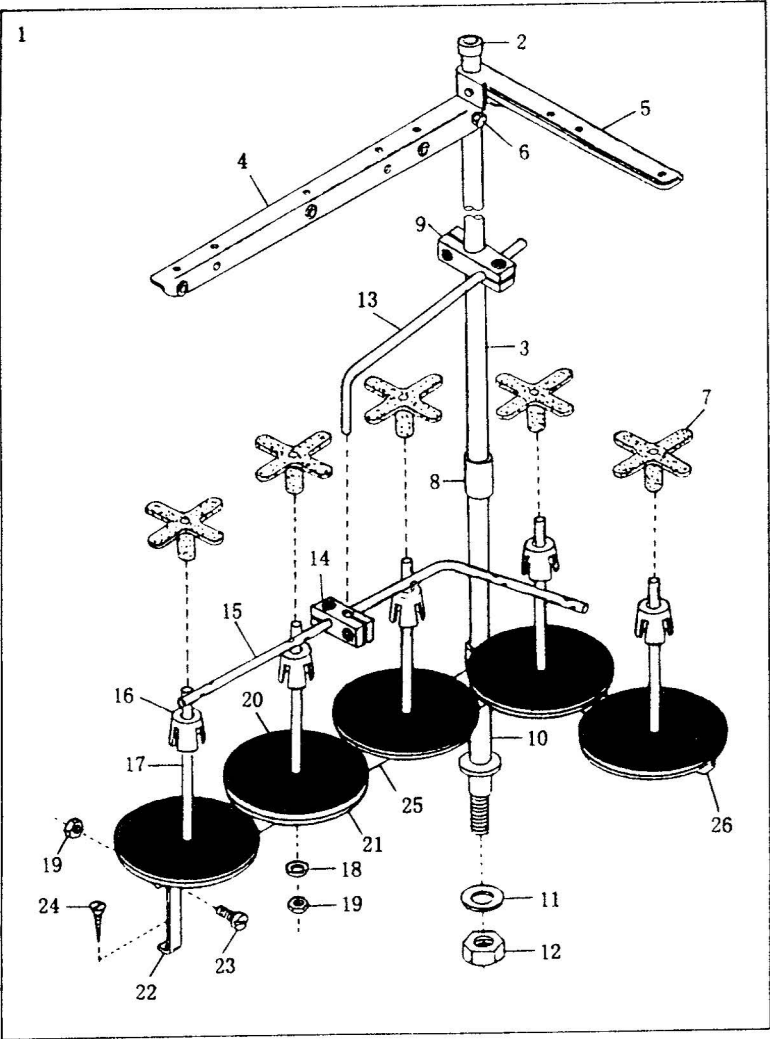
TOP TRIMMER UNIVERSAL ADAPTER MECHANISM**上切刀萬向接頭機構****24**

Ref.	Parts				Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>	
1	W24-1	Top Trimmer Fixed Block.....	上切刀固定座.....	1	
2	W24-2	Universal Joint	萬向接頭.....	2	
3	W24-3	Position Washer.....	定位墊圈.....	3	
4	W24-4	Screw (M5-0.8×12).....	螺絲.....	3	
5	W24-5	Up & Down Position Block	上下定位塊.....	1	
6	W24-6	Washer.....	墊片.....	2	
7	W24-7	Screw (M4-0.7×8).....	螺絲.....	2	
8	W24-8	Screw (M4-0.7×10).....	螺絲.....	2	
9	W24-9	Top Trimmer Universal Adapter C. Set ...	上切刀萬向接頭組.....	1	



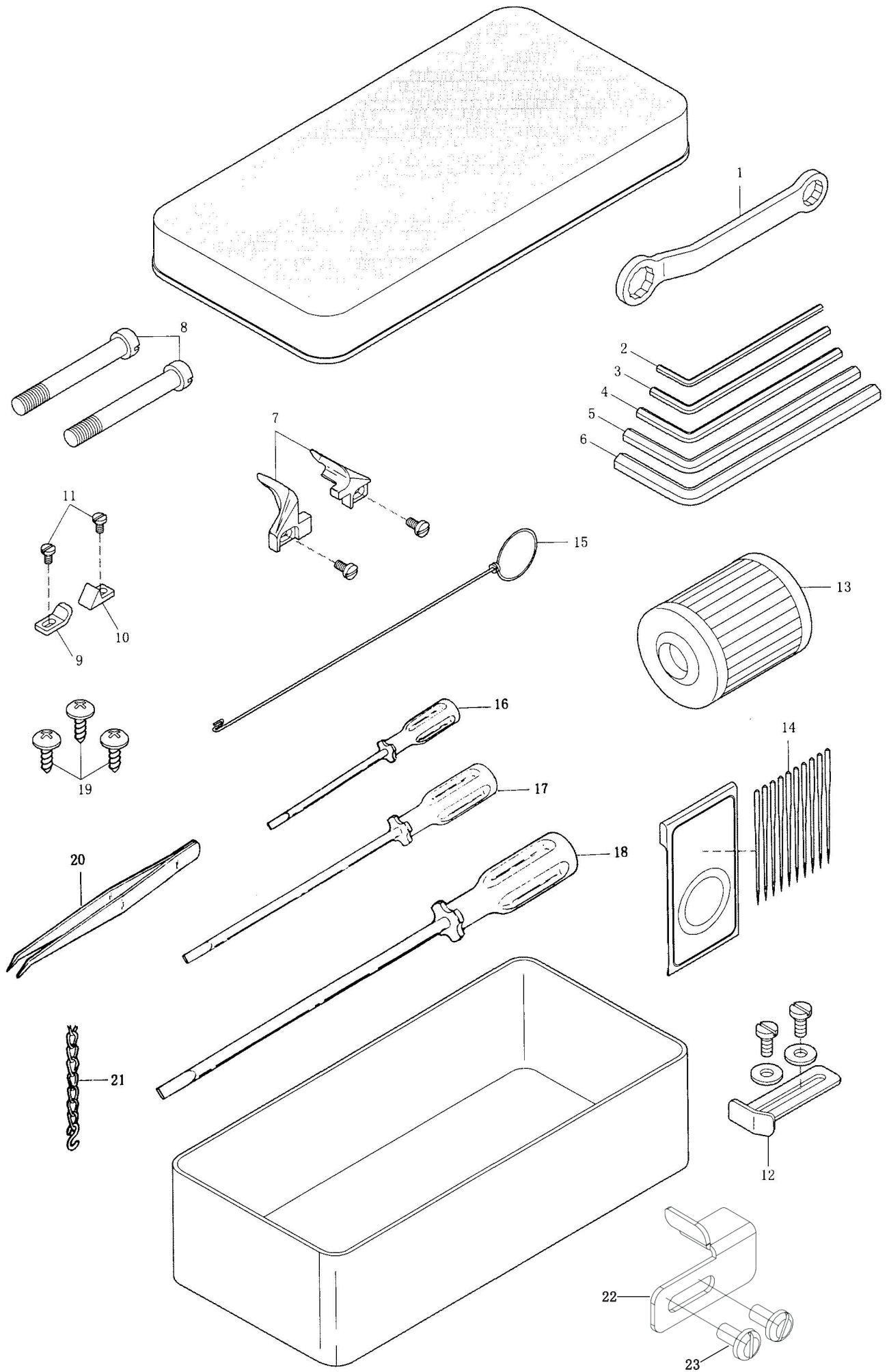
PNEUMATIC REGULATOR MECHANISM**氣壓調節器機構****25**

Ref.	Parts				Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>	
1	W25-1	Pneumatic Regulator.....	氣壓調節器.....	1	
2	W25-2	Screw (M5-0.8 × 10).....	螺絲.....	2	
3	W25-3	Spring Washer.....	彈簧墊片.....	2	
4	W25-4	Nut.....	螺帽.....	2	
5	W25-5	Regulator Support.....	調節器支架.....	1	
6	W25-6	Wood Screw.....	木螺絲.....	2	



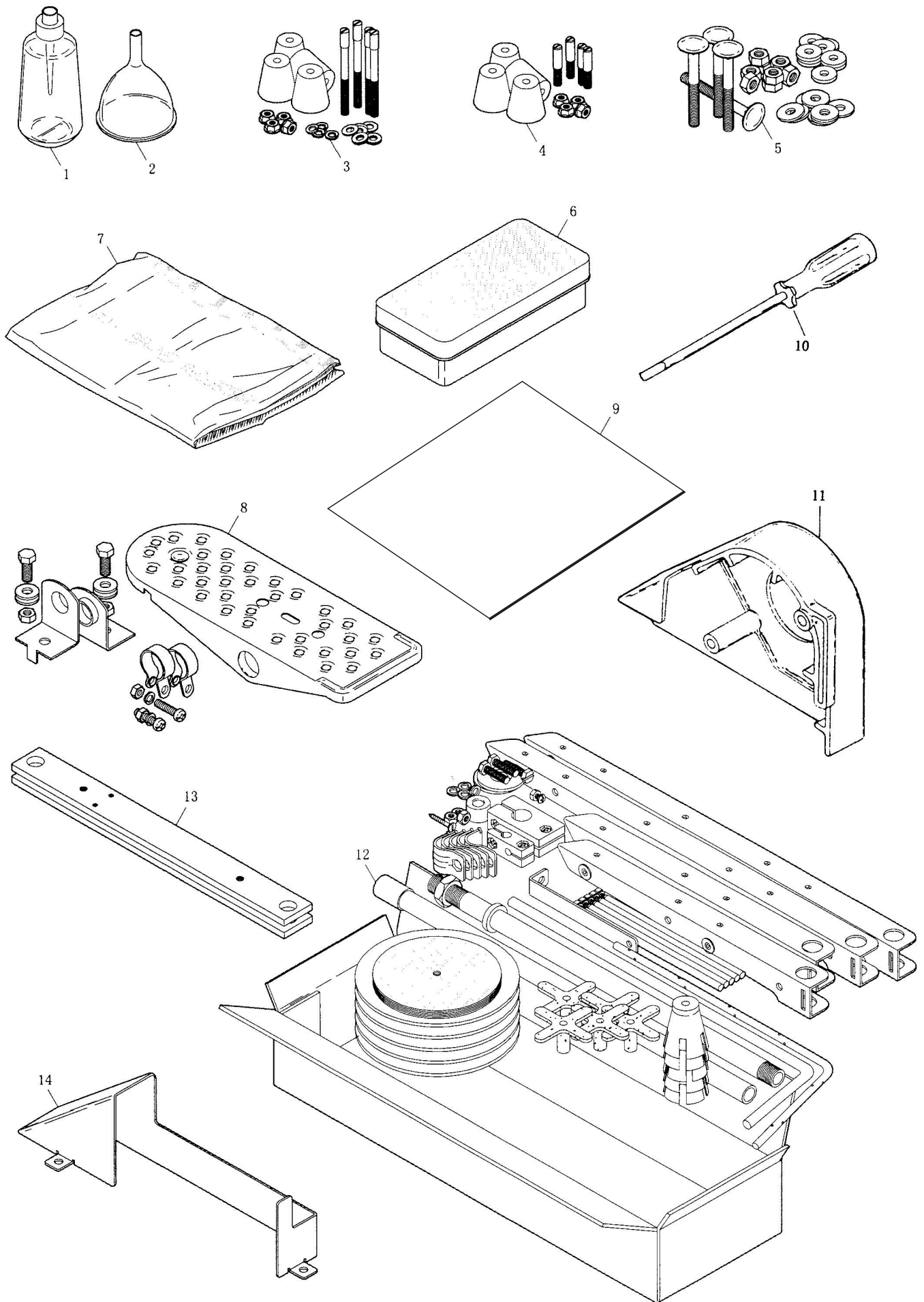
THREAD STAND & SUPPORTING BOARD**線架及機頭托架組****26**

Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W26-1	Thread Stand	線架	1
2	W26-2	Column Cap	柱頭蓋	1
3	W26-3	Column Pipe (Upper)	上線柱	1
4	W26-4	Thread Hanger (3 Spools Type)	3 孔過線吊臂	1
5	W26-5	Thread Hanger (2 Spools Type)	2 孔過線吊臂	1
6	W26-6	Screw (M6-1 × 25)	螺絲 (不單賣)	4
7	W26-7	Rubber Spool Cushion	橡膠線軸避震墊	5
8	W26-8	Column Pipe Connector	線柱接頭	1
9	W26-9	Thread Guide Holder (Large)	大過線桿固定座	1
10	W26-10	Column Pipe (Lower)	下線柱	1
11	W26-11	Washer	墊片	2
12	W26-12	Nut	螺帽	1
13	W26-13	Thread Guide Arm	過線桿連接臂	1
14	W26-14	Thread Guide Holder (Small)	小過線桿固定座	1
15	W26-15	Thread Guide (6 Spools Type)	6 孔過線桿	1
16	W26-16	Spool Cushion	線軸避震座	5
17	W26-17	Spool Pin	線軸柱	5
18	W26-18	Spring Washer	彈簧墊片	5
19	W26-19	Nut	螺帽	6
20	W26-20	Spool Mat	線軸墊	5
21	W26-21	Spool Seat Disc	線軸底盤	5
22	W26-22	Spool Stand Support	線軸架支架	1
23	W26-23	Screw (M4-0.7 × 9)	螺絲	1
24	W26-24	Screw (φ 4.2 × 25)	螺絲	1
25	W26-25	Spool Stand (3 Spools Type)	3 孔線軸架	1
26	W26-26	Spool Stand (2 Spool Type)	2 孔線軸架	1
27	W26-27	Belt Cover (Top)	皮帶蓋 (上)	1
28	W26-28	Screw (M6-1 × 44.5)	螺絲 (不單賣)	2
29	W26-29	Supporting Board (Semi-Submerged)	半沉式底座托架	2
30	W26-30	Setting Screw (Short)	短底座固定螺絲	4
31	W26-31	Oil Reservoir Rubber Cushion	底座避震膠墊	4
32	W26-32	Nut	螺帽	4
33	W26-33	Hanging Bolt	吊架螺栓	4
34	W26-34	Washer	墊片	8
35	W26-35	Supporting Board Rubber Cushion	底座支架橡膠避震墊片	8
36	W26-36	Nut	螺帽	8
37	W26-37	Setting Screw (Long)	長底座固定螺絲	4
38	W26-38	Washer	墊片	8
39	W26-39	Spring Washer	彈簧墊片	4
40	W26-40	Nut	螺帽	4



ATTACHMENT BOX**附件盒****27**

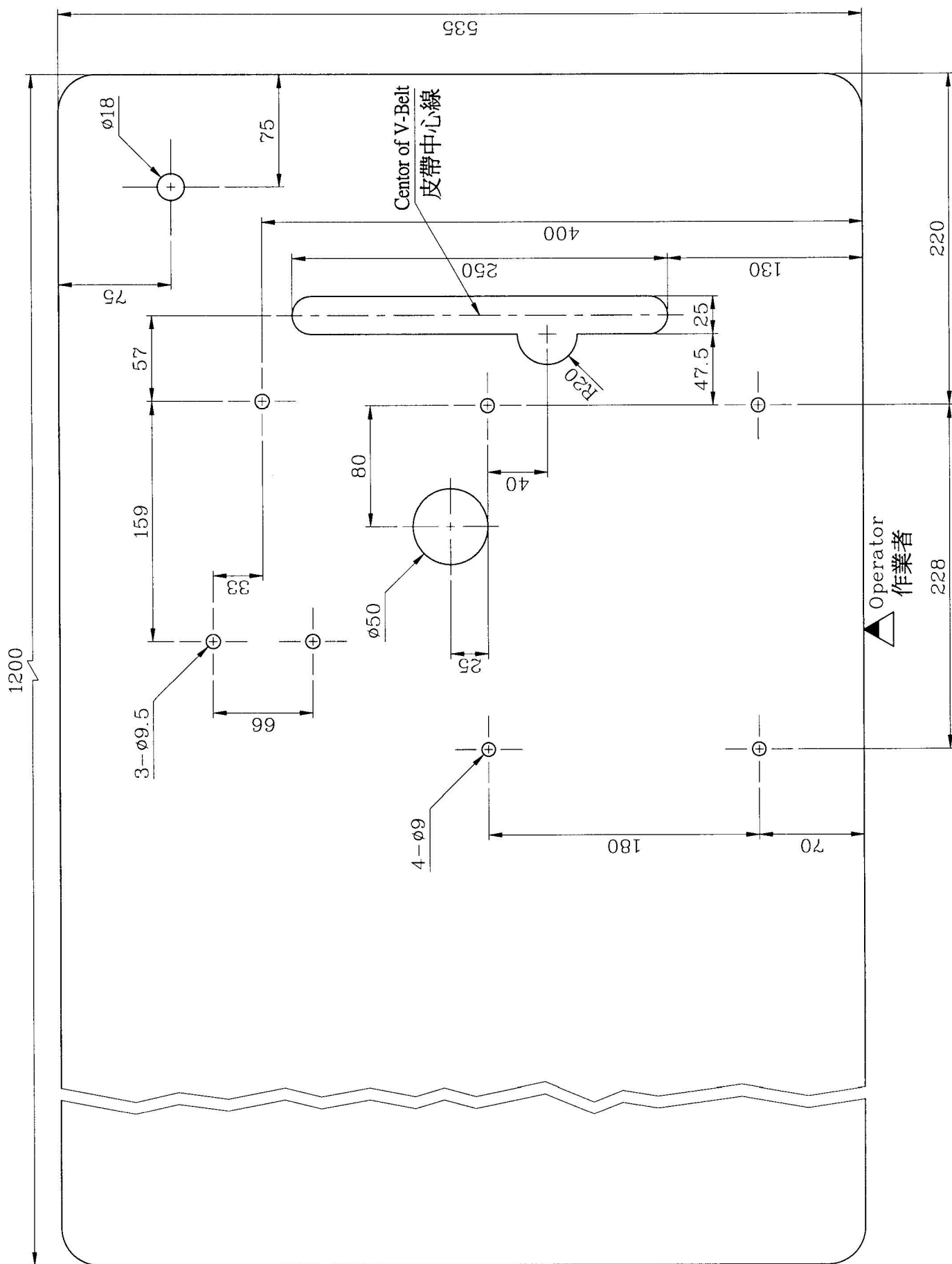
Ref.	Parts			Amt.
No.	No.	Description	品 名	Req.
1	W27-1	Ring Spanner.....	梅花板手.....	1
2	W27-2	Hexagonal Wrench (2.0mm).....	内六角板手.....	1
3	W27-3	Hexagonal Wrench (2.5mm).....	内六角板手.....	1
4	W27-4	Hexagonal Wrench (3.0mm).....	内六角板手.....	1
5	W27-5	Hexagonal Wrench (4.0mm).....	内六角板手.....	1
6	W27-6	Hexagonal Wrench (5.0mm).....	内六角板手.....	1
7	W27-7	Horn Type Fabric Guide.....	牛角式布導器.....	1
8	W27-8	Screw	螺絲.....	2
9	W27-9	Straight Type Fabric Guide (Left).....	直式布導器 (左).....	1
10	W27-10	Straight Type Fabric Guide (Right) ...	直式布導器 (右).....	1
11	W27-11	Screw (M2.3-0.45×4).....	螺絲.....	2
12	W27-12	Fabric Guide (Right)	右擋邊.....	1
13	W27-13	Oil Filter.....	濾油器.....	1
14	W27-14	Needle (System : UYX128GAS).....	擊針.....	10
15	W27-15	Threading Wire.....	穿線鐵絲.....	1
16	W27-16	Screwdriver.....	螺絲起子.....	1
17	W27-17	Screwdriver.....	螺絲起子.....	1
18	W27-18	Screwdriver.....	螺絲起子.....	1
19	W27-19	Screw	螺絲.....	3
20	W27-20	Thread Tweezers.....	穿線夾.....	1
21	W27-21	Chain (Attach With Basic Model Only) ...	鏈條 (僅配在普通機型).....	1
22	W27-22	Fabric Guide (Left).....	左擋邊	1
23	W27-23	Screw(M2.6-0.45X4)	螺絲.....	2



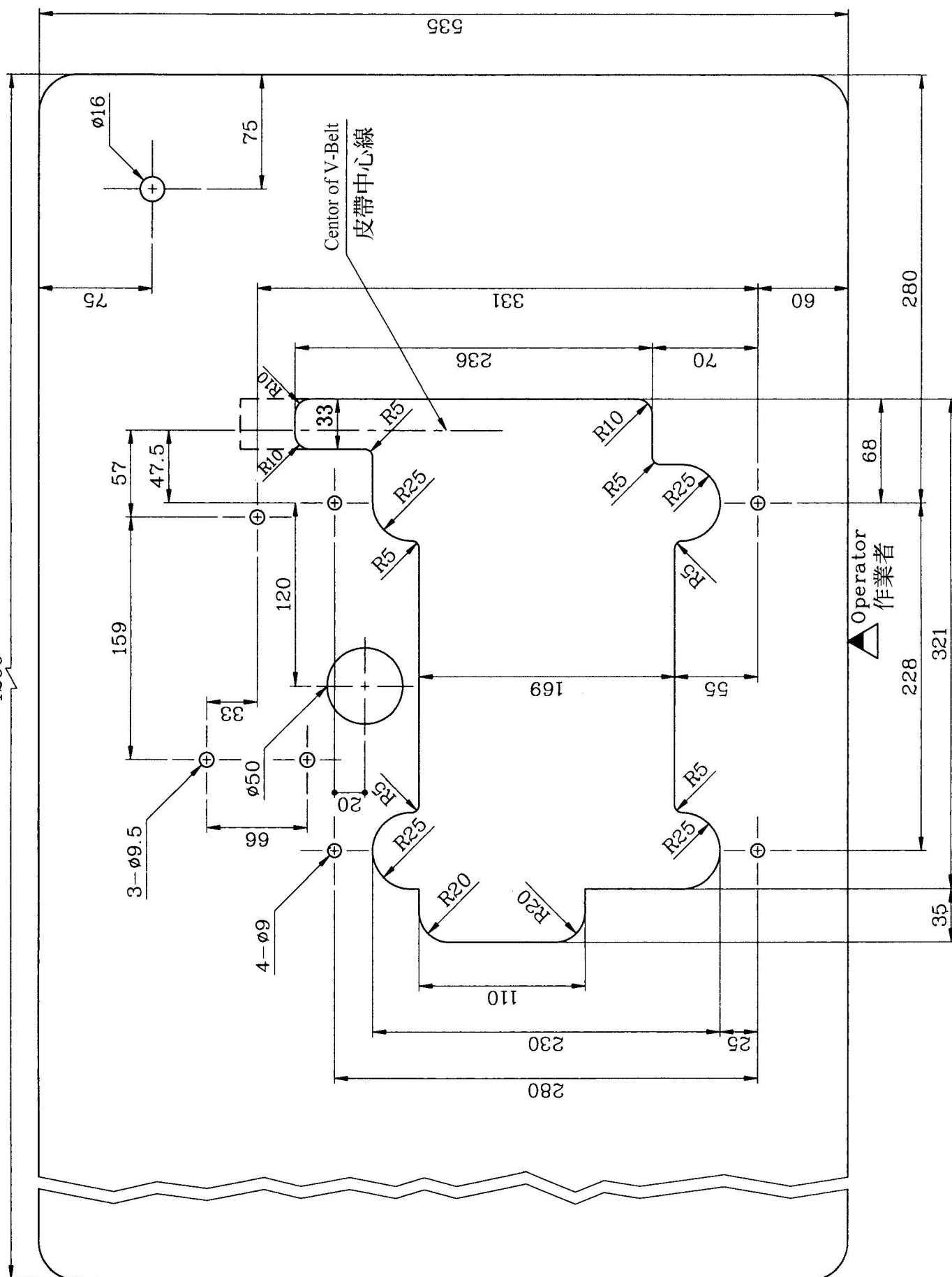
ACCESSORIES**附配件****28**

Ref.	Parts			Amt.
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
		ged Hanging Bolt C. Set.		
1	W28-1	Oiler.....	油壺.....	1
2	W28-2	Funnel.....	漏斗.....	1
3	W28-3	Oil Reservoir Rubber Cushion C. Set.	底座避震膠墊螺絲組.....	1
4	W28-4	Oil Reservoir Rubber Cushion C. Set. (Semi -Submerged Table)	底座避震膠墊螺絲組(半沉式).....	1
5	W28-5	Semi-Submerged Hanging Bolt C. Set. ...	半沉式吊架螺栓組.....	1
6	W28-6	Attachment Box.....	附件盒.....	1
7	W28-7	Machine Cover.....	防塵罩.....	1
8	W28-8	Pedal C. Set.....	腳踏板組.....	1
9	W28-9	Spare Parts Book	零件圖.....	1
10	W28-10	Screwdriver.....	螺絲起子.....	1
11	W28-11	Belt Cover (Top).....	皮帶蓋(上).....	1
12	W28-12	Thread Stand.....	線架.....	1
13	W28-13	Supporting Board (Semi-Submerged Table)...	半沉式底座托架.....	2
14	W28-14	Belt Cover (Bottom).....	皮帶蓋(下).....	1

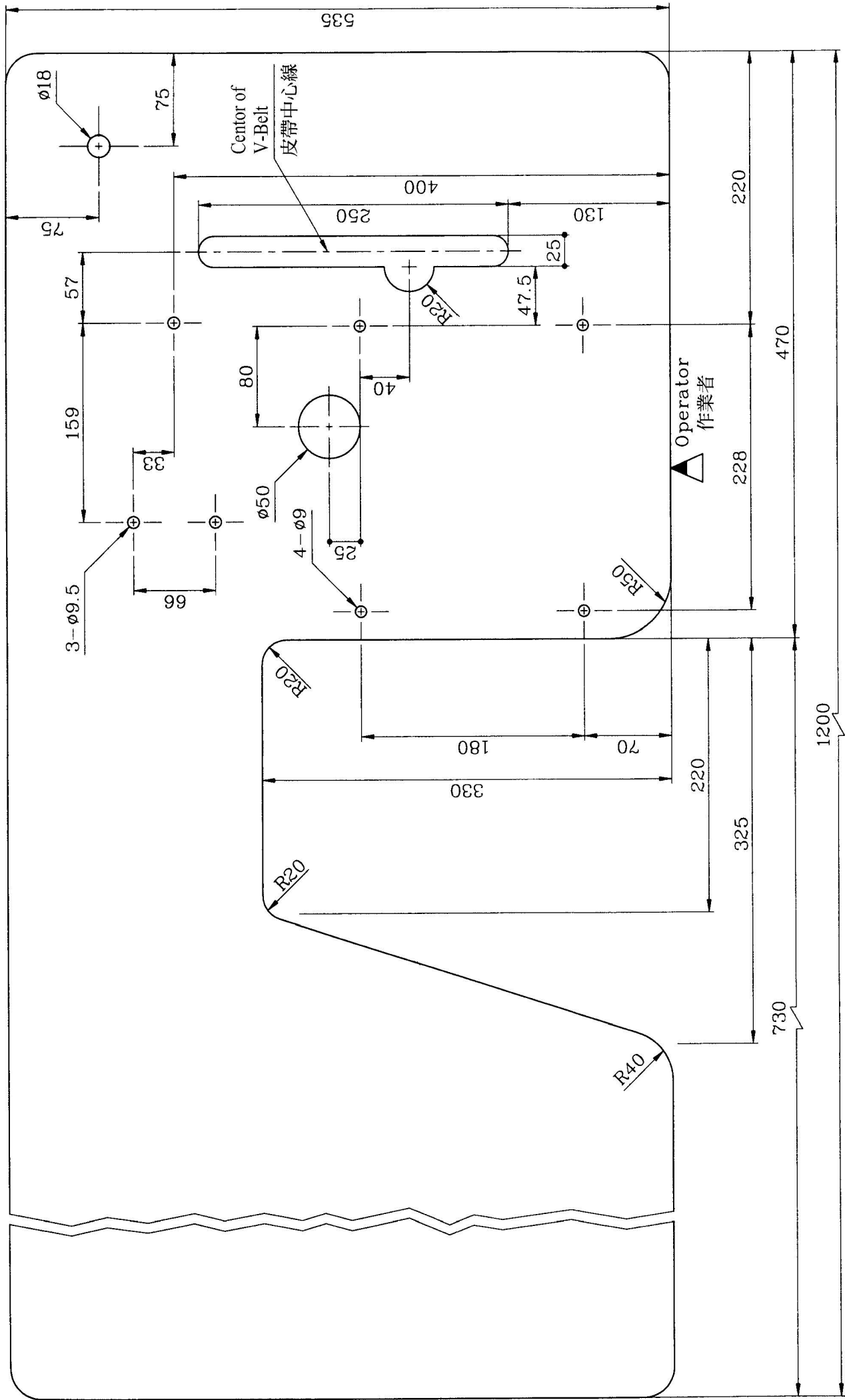
上載式桌板 (平板)



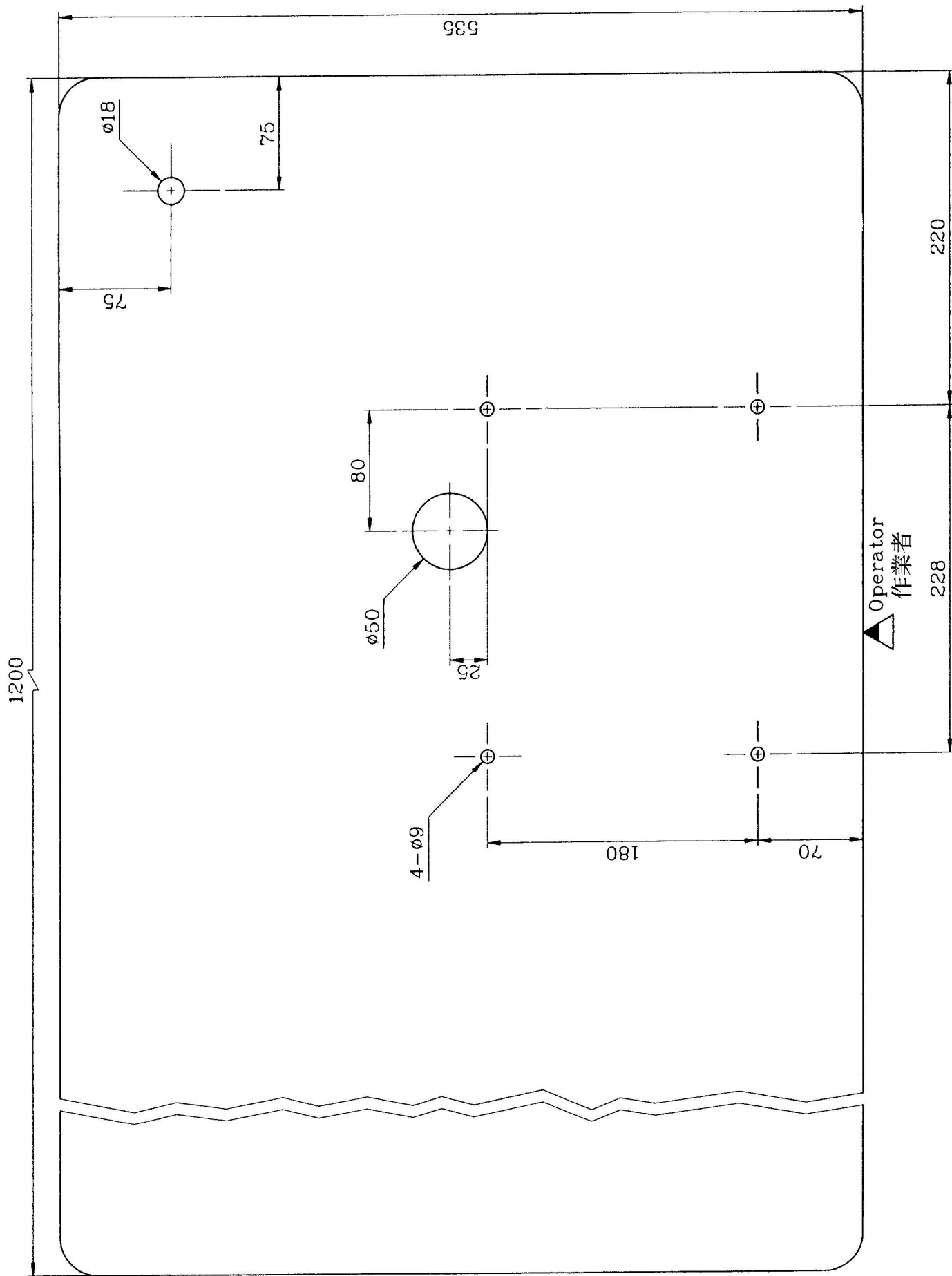
1200



上載式桌板(開口板)



(小馬達専用)上載式桌板 (平板)



Technical drawing of a control panel layout. The drawing shows a rectangular panel with a width of 535 and a total height of 1200. The panel is divided into several sections with specific dimensions and features:

- Top Section:** A horizontal section with a width of 535 and a height of 75. It contains a circular feature with a diameter of $\phi 18$ and a center mark.
- Operator Section:** A section on the right side of the panel, labeled "Operator" and "作業者". It has a width of 470 and a height of 220. It contains a triangular feature with a height of 228 and a radius of $R50$.
- Central Section:** A section in the middle of the panel with a width of 330 and a height of 220. It contains a circular feature with a diameter of $\phi 50$ and a center mark. The distance from the center of this circle to the right edge of the section is 80. The distance from the center of the circle to the left edge of the section is 25. The distance from the center of the circle to the top edge of the section is 4- $\phi 9$.
- Bottom Section:** A section at the bottom of the panel with a width of 325 and a height of 730. It contains a curved feature with a radius of $R40$ and a straight section with a radius of $R20$.
- Dimensions:** The total width of the panel is 535. The total height is 1200. The width of the Operator section is 470. The width of the Central section is 330. The width of the Bottom section is 325. The height of the Top section is 75. The height of the Operator section is 220. The height of the Bottom section is 730. The radius of the curved feature in the Bottom section is $R40$. The radius of the straight section in the Bottom section is $R20$. The radius of the curved feature in the Operator section is $R50$.

△ Operator 作業者