

CONVERSE[®]

Model

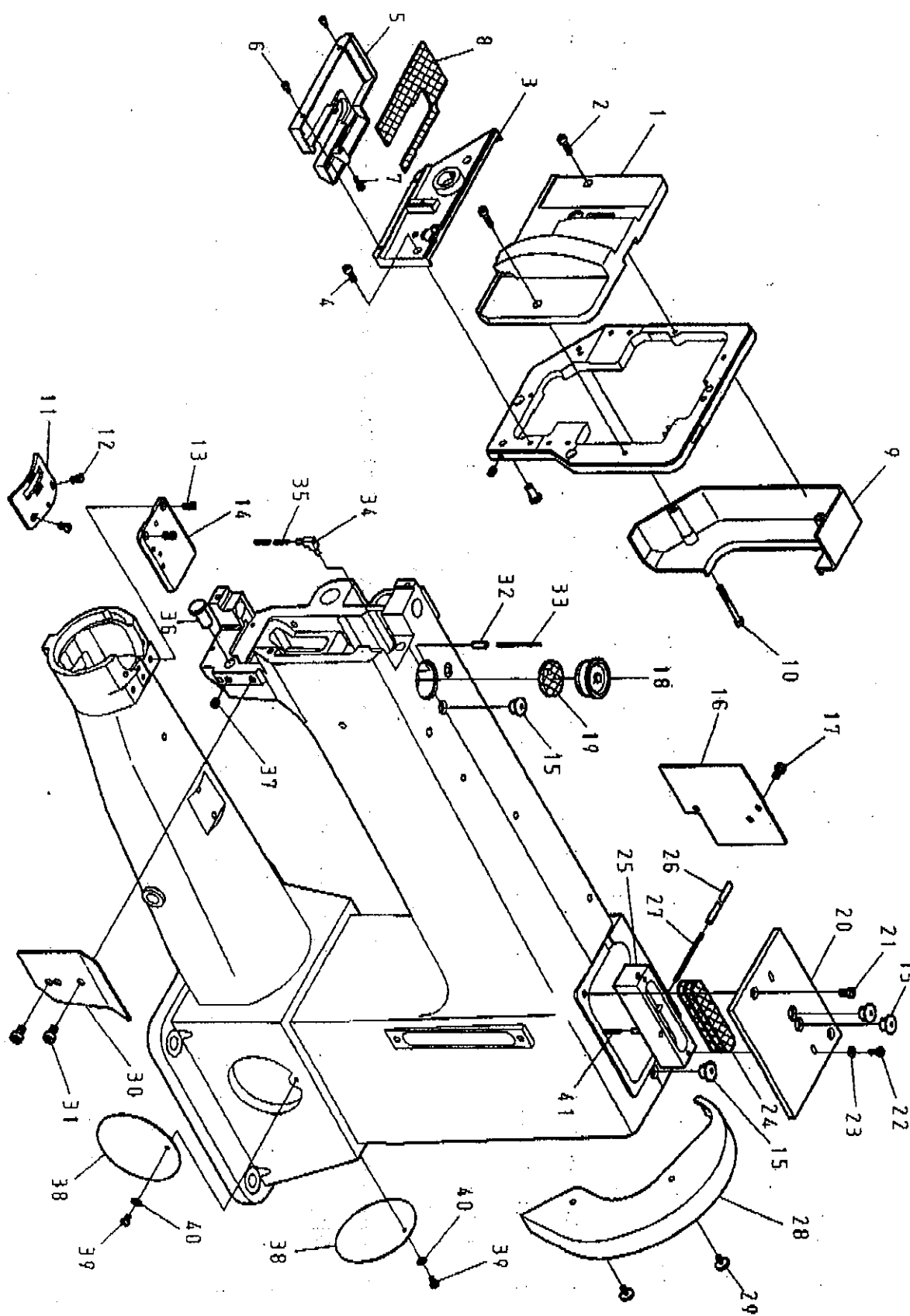
2050

PARTS BOOK

MODEL : 2050

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A. 2050 本體關係 FRAME & MISCELLANEOUS COVER COMPONENTS

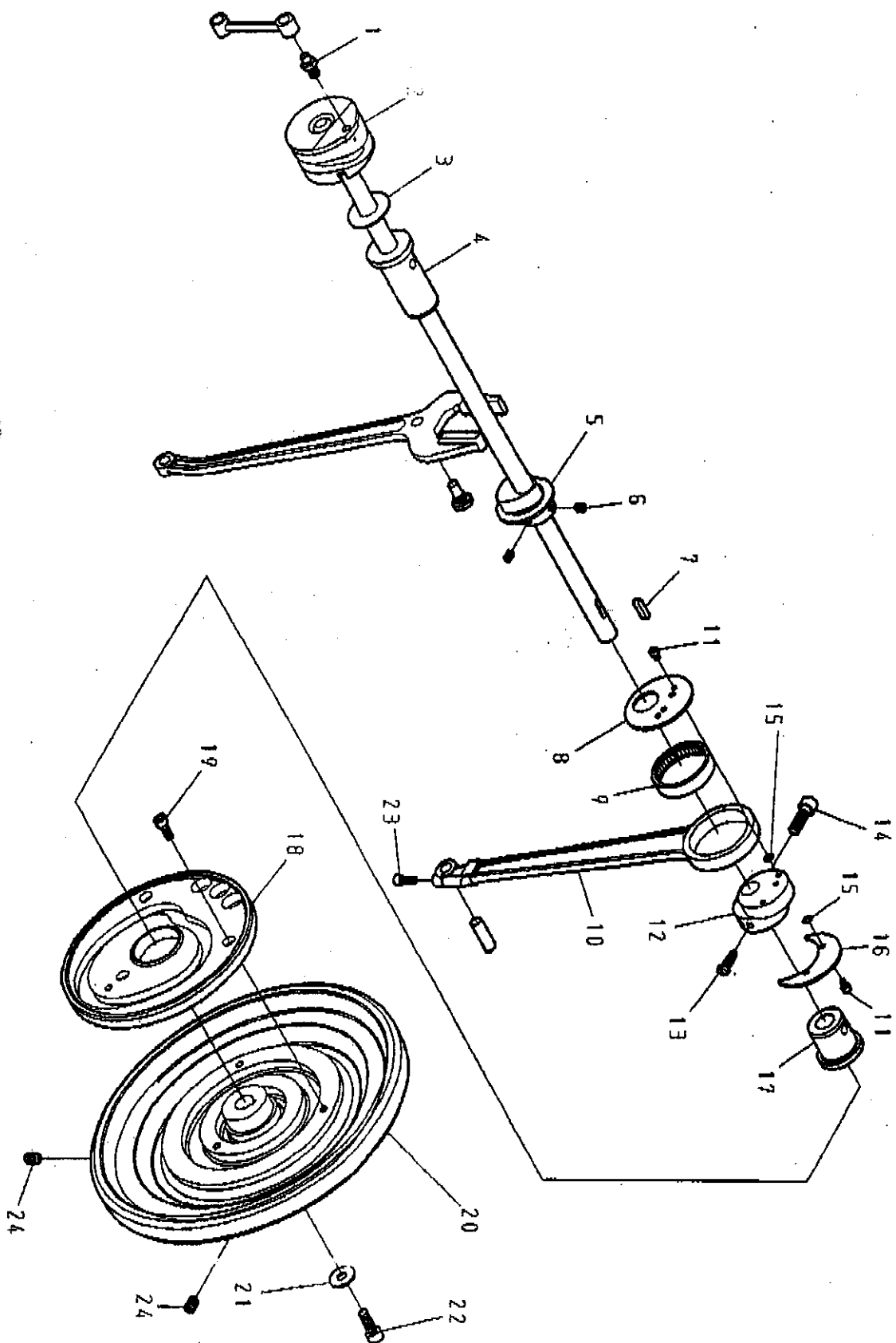


A. 2050 本體關係 FRAME & MISCELLANEOUS COVER COMPONENTS

REF. No NOTE 零件號碼 Part No. 零件名稱 Name of Part 件數 QTY 備註 Remarks

1		2040111000	面板	Face Plate	1	
2		ZMJ04003	螺絲	Screw M4X0.7*15	2	
3		2040110900	面板(T)	Face Plate	1	
4		ZMJ04005	螺絲	Screw M4X0.7*12	2	
5		2040351900	保護蓋	Dust Stopper Plate	1	
6		ZMJ03010	螺絲	Screw M3X0.5*6	2	
7		ZMJ03001	螺絲	Screw M3X0.5*10	1	
8		XB400063	油棉	Felt	1	
9		204011100C	保護蓋	Cover	1	
10		ZMJ04020	螺絲	Screw M4X0.7*40	2	
11		4410111300	針板	Throat Plate	1	
12		ZSB12045	螺絲	Screw 3/16-28*9	2	
13		ZSB11018	螺絲	Screw 11/64-40*9	2	
14		4710111600	角板	Slide Plate	1	
15		A1077-0A	橡膠塞	Oil Cap	4	
16		2040111200	橫蓋	Arm Side Cover	1	
17		ZMB05004	螺絲	Screw M5X0.8*10	2	
18		2040350200	橡膠塞	Oil Cap	1	
19		XB130001	油棉	Felt	1	
20		2040111100	上蓋	Top Cover	1	
21		ZMB05004	螺絲	Screw M5X0.8*10	2	
22		ZMB04016	螺絲	Screw M4X0.7*10	2	
23		WA049003	平墊圈	Washer	2	
24		XB215001	油棉	Felt	3	
25		2040351504	油槽	Oil tank	1	
26		XP300200	油管線	Oil Tube	1	
27		XA200400	油線	Oil Wick	1	
28		2040335800	皮帶蓋	Cover	1	
29		ZMB04013	螺絲	Screw M4X0.7*8	2	
30		2040113100	橫蓋	Arm Side Cover	1	
31		ZMA06001	螺絲	Screw M6X1.0*8	2	
32		YD040014A	銷	Spring Pins	1	
33		XA200280	油線	Oil Wick	1	
34		2040353804	油管接頭	Oil Pipe Joint	1	
35		XA200150	油線	Oil Wick	1	
36		2040270400	銷	Pin	1	
37		ZMH06008	螺絲	Screw M6X1.0*6	1	
38		4710111100	底座蓋板(A)	Slide Cover A	2	
39		ZSB09047	螺絲	Screw 9/64-40*7	2	
40		WC049001	墊圈	Washer	2	
41		XA200180	油線	Oil Wick	1	

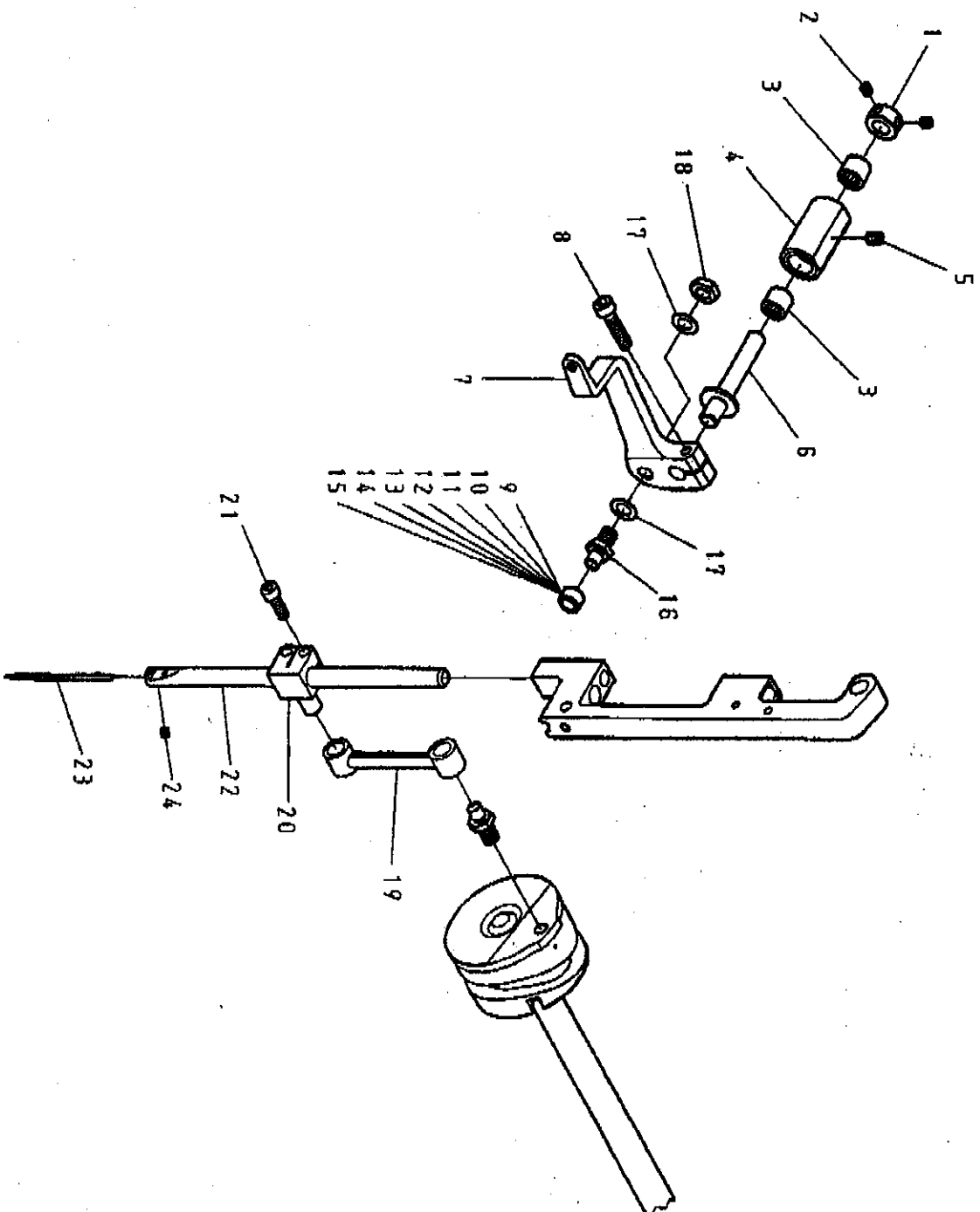
B. 2050 上軸圖樣 MAIN SHAFT COMPONENTS



B. 2050 上軸關係 MAIN SHAFT COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
1	2	Part No.				
1		2040121300	針棒連接軸	Needle Bar Crank Shaft	1	
2		2040120104	上軸(組)	Main Shaft Asm.	1	
3		WH216002	平盤圈	Washer	1	
4		2040120200	上軸套管(左)	Main Shaft Bushing Front	1	
5		2040122000	偏心輪	Feed Cam	1	
6		ZMH06003	螺絲	Screw M6X1.0*8	2	
7		KC0305520	鍵	Key	1	
8		204018200A	側板	Side Plate	1	
9		BNHK4512	軸承	Needle Bearing	1	
10		2040181800	動桿	Connecting Rod	1	
11		ZMJ04008	螺絲	Screw M4X0.7*6	4	
12		2040181900	偏心輪	Cor-Rod Eccentric Cam	1	
13		ZMB06020	螺絲	Screw M6X1.0*22	1	
14		ZMJ08011	螺絲	Screw M8X0.75*25	1	
15		WA040026	平盤圈	Washer	4	
16		204018200B	側板	Side Plate	1	
17		2040120400	上軸套管(右)	Main Shaft Bushing Rear	1	
18		2040144400	偏心輪	Driving Cam	1	
19		ZMJ06009	螺絲	Screw M6X1.0*18	3	
20		2040122300	皮帶輪	Hand Wheel	1	
21		WA089004	平盤圈	Washer	1	
22		ZMJ08003	螺絲	Screw M8X1.25*22	1	
23		ZMJ05003	螺絲	Screw M5X0.8*15	1	
24		ZMH08002	螺絲	Screw M8X1.25*12	2	

C. 2050 針桿・天秤圖樣 NEEDLE BAR & THREAD TAKE-UP LEVER COMPONENTS

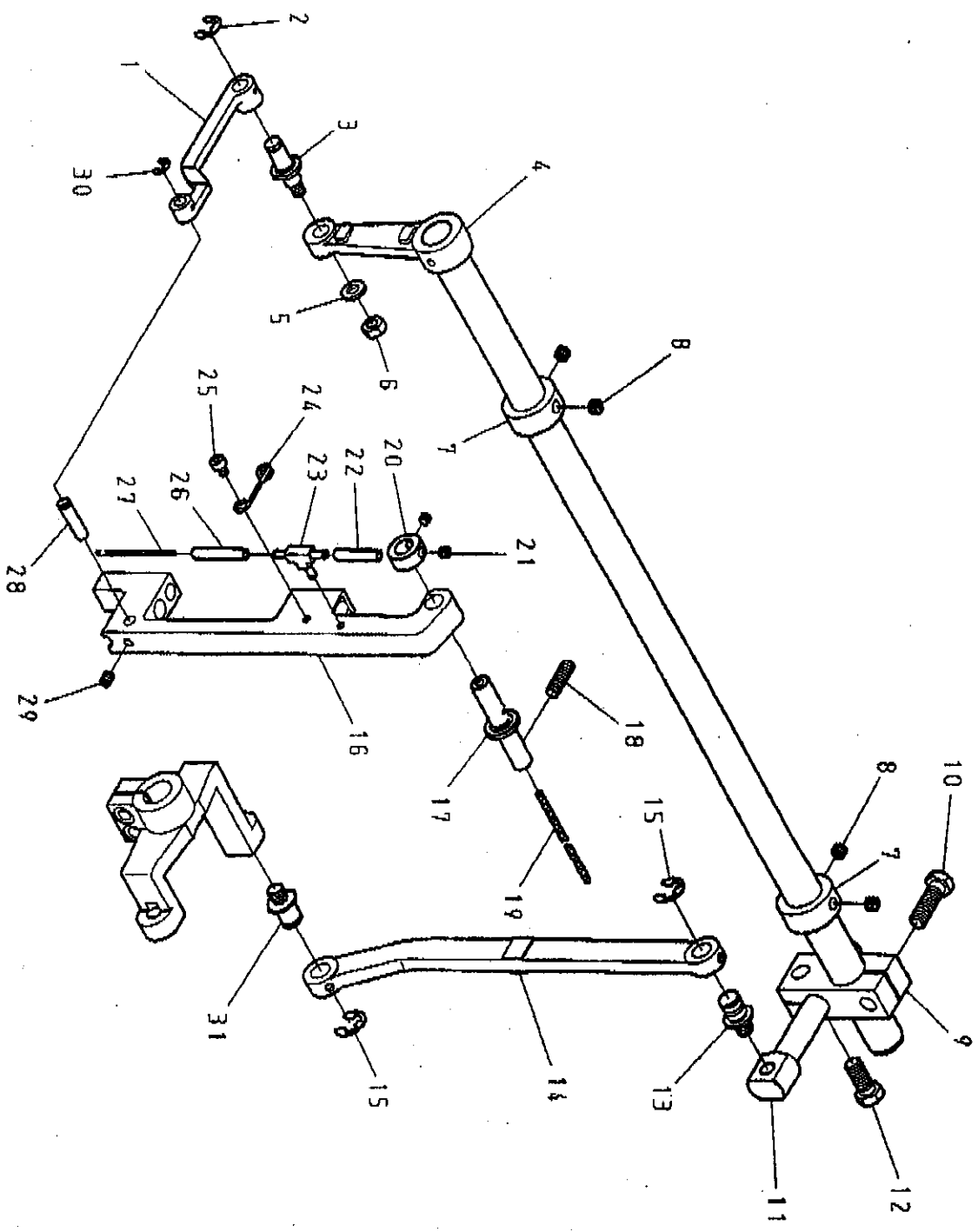


C. 2050 針棒·天秤關係 NEEDLE BAR & THREAD TAKE-UP LEVER COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			QTY	Remarks
1		TC09008200	定邊	Thrust Collar	1	
2		ZMH05001	螺絲	Screw M5X0.8*5	2	
3		3NHK0910B	軸承	Needle Bearing	2	
4		2040192300	套管	Bushing	1	
5		ZMH06003	螺絲	Screw M6X1.0*8	1	
6		2040192100	軸	Shaft	1	
7		2040190104	天秤(結合)	Thread Take Up Lever Com.	1	
8		ZMJ05017	螺絲	Screw M5X0.8*25	1	
9	#01	2040190210	滾仔	Roller	(1)	
10	#01	2040190220	滾仔	Roller	(1)	
11	#01	2040190230	滾仔	Roller	(1)	
12	#01	2040190240	滾仔	Roller	(1)	
13	#01	2040190250	滾仔	Roller	(1)	
14	#01	2040190260	滾仔	Roller	(1)	
15	#01	2040190270	滾仔	Roller	(1)	
16		2040190300	滾仔固定軸	Roller Stud	1	
17		WJA080022	平墊圈	Washer	2	
18		ZML08004	螺帽	Nut M8X1.25	1	
19		2040121000	針棒連接器	Needle Bar Crank Rod	1	
20		2040140900	針棒鉗	Needle Bar Connection	1	
21		ZMJ05003	螺絲	Screw M5X0.8*15	2	
22		2040140100	針棒	Needle Bar	1	
23		IN794#200	針	Needle (794 Nm=200)	1	
24		ZMH04017	螺絲	Screw M4X0.5*4	1	

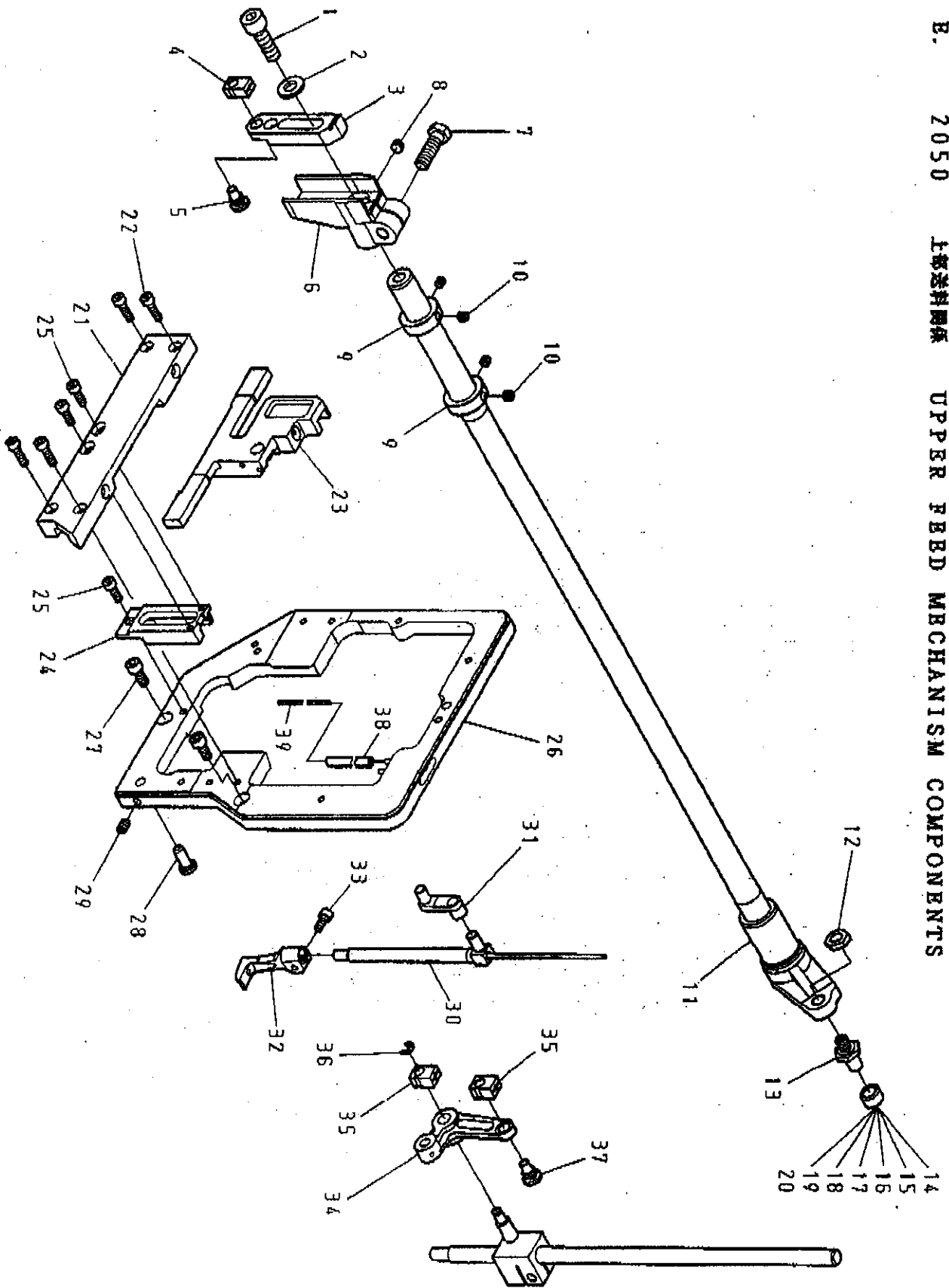
Note (注記) #01 ----- Selective parts 選取部品

D. 2050 針桿搖擺機構 NEEDLE BAR ROCKING MOTION MECHANISM COMPONENTS



D. 2050 針棒搖擺關係 NEEDLE BAR ROCKING MOTION MECHANISM COMPONENTS			
REF.No	Note	零件號碼	零件名稱
Part No.	Name of Part	件數	備註
QTY	Remarks		
1	2040143100	搖動連桿	1
2	RED00070	E扣環 7	1
3	ZMK06025	螺絲	1
4	2040142304	中軸連桿(前)(結合)	1
5	WA06008	平墊圈	1
6	ZML06001	螺帽	1
7	LG4043-0A	定環	2
8	ZSA16010	螺絲	4
9	4410142400	中軸連桿(後)	1
10	ZSD20009	螺絲	1
11	2040141900	中軸連桿(後)	1
12	ZSD20011	螺絲	1
13	ZMK08016	螺絲	1
14	2050271100	連桿	1
15	RED00080	E扣環 8	2
16	2040270100	針棒座	1
17	2040270200	針棒座軸	1
18	ZMH06016	螺絲	1
19	XAZ00300	油線	1
20	TC09508200	定環	1
21	ZMH05006	螺絲	2
22	XP300045	油管線	1
23	2040353804	油管接頭	1
24	2040352900	油管支持片	1
25	ZMA004008	螺絲	1
26	XP300055	油管線	1
27	XA300460	油線	1
28	2040271300	銷	1
29	ZMH05002	螺絲	1
30	RED00040	E扣環 4	1
31	ZSK20009	螺絲	1

E. 2050 上部送料機構 UPPER FEED MECHANISM COMPONENTS

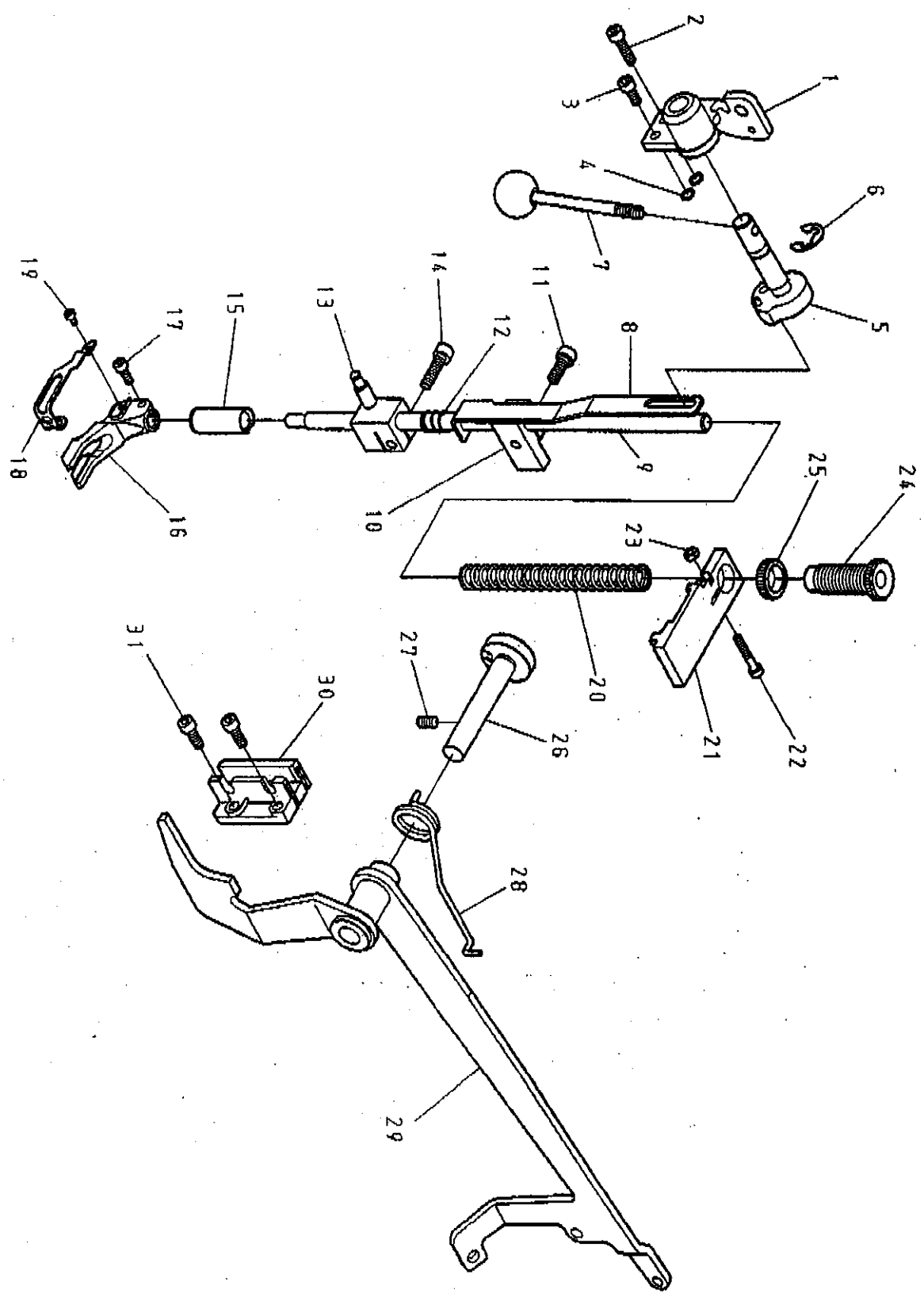


E. 2050 上部送料関係 UPPER FEED MECHANISM COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
1		ZMJ08008	螺絲	Screw M8X1.25*25	1	
2		WA080007	平墊圈	Washer	1	
3		2040142700	滑塊	Slide Block	1	
4		2040148000	滑塊	Slide Block	1	
5		ZMB08005	螺絲	Hinge Screw	1	
6		2040144600	上送軸柄	Driving Shaft Arm Front	1	
7		ZSD20009	螺絲	Screw 5/16-18*25	1	
8		ZSA16020	螺絲	Screw 1/4-40*5.5	1	
9		TC16008200	定環	Thrust Collar	2	
10		ZMH05001	螺絲	Screw M5X0.8*5	4	
11		2040144704	上送軸柄(結合)	Driving Shaft Arm Rear Com.	1	
12		ZML08004	螺絲	Nut M8 x 1.25	1	
13		ZMK08017	滾子固定軸	Roller Stud	1	
14		2040145410	滾子	Roller	(1)	
15	#01	2040145420	滾子	Roller	(1)	
16	#01	2040145430	滾子	Roller	1	
17	#01	2040145440	滾子	Roller	(1)	
18	#01	2040145450	滾子	Roller	(1)	
19	#01	2040145460	滾子	Roller	(1)	
20	#01	2040145470	滾子	Roller	(1)	
21		2040142500	導板	Guide Plate	1	
22		ZMJ04003	螺絲	Screw M4X0.7*15	4	
23		2040142800	滑塊	Slide Block	1	
24		2040151100	導板	Guide Plate	1	
25		ZMJ04005	螺絲	Screw M4X0.7*12	3	
26		2040110604	面板土台(結合)	Face Plate Base Com.	1	
27		ZMJ05002	螺絲	Screw M5X0.8*12	2	
28		2040143700	銷	Pin	1	
29		ZMH05003	螺絲	Screw M5X0.8*8	1	
30		2040141704	中間桿棒(結合)	Vibrating Presser Bar Com.	1	
31		2040143300	押腳舉升運桿	Vibrating Presser Bar Link	1	
32		2040151000	內壓脚	Walking Foot	1	
33		ZMJ04002	螺絲	Screw M4X0.7*10	1	
34		2040143600	舉升曲臂運桿	Lifting Bell Crank	1	
35		2040148000	滑塊	Slide Block	2	
36		RE000040	E和環 4	Retaining Rings- E Type 4	1	
37		ZMB08005	螺絲	Hinge Screw	1	
38		XP300100	油管線	Oil Tube	1	
39		XA200360	油線	Oil Wick	1	

Note(注記) #01 ----- Selective parts 選択部品

F. 2050 杆脚-脚弓图样 (1/2) PRESSURE BAR & KNEE LIFTER COMPONENTS (1/2)



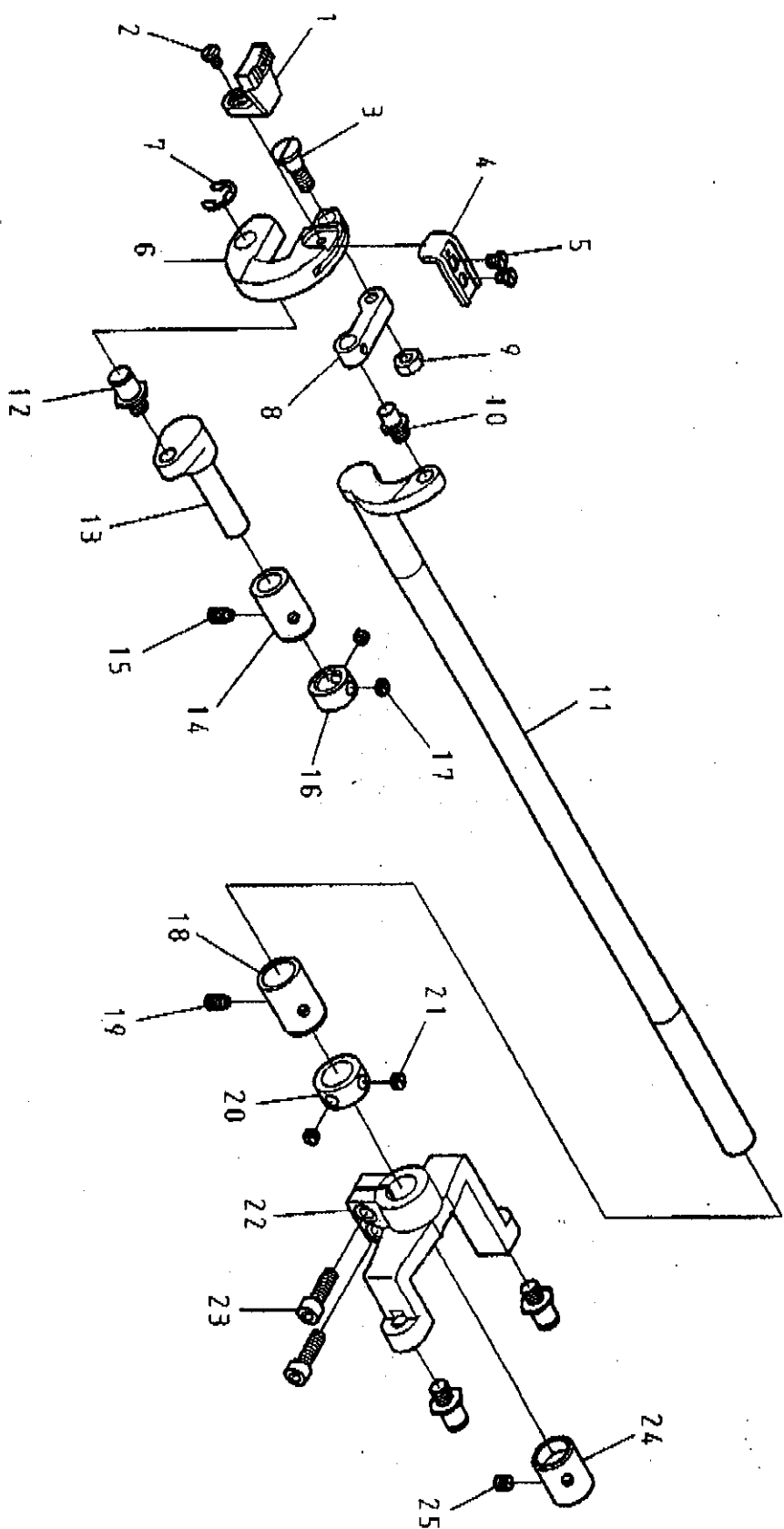
F. 2050 押脚・脚弓関係(1/2)		PRESSURE BAR & KNEE LIFTER COMPONENTS (1/2)		件数	備註
REF. No	NOTE	零件號碼	零件名稱	Name of Part	QTY
		Part No.			Remarks
1		2040157104	支持台(結合)	Bracket Com.	1
2		ZMJ05004	螺絲	Screw M5X0.8*20	1
3		ZMJ05002	螺絲	Screw M5X0.8*12	1
4		WA059006	平墊圈	Washer	2
5		2040150704	押棒偏心軸(結合)	Hand Lifter Cam Com.	1
6		FE000100	E扣環 10	Retaining Rings- E Type 10	1
7		2040150804	押棒提桿(結合)	Hand Lifter Lever Com.	1
8		2040340300	壓棒固定座	Hand Lifter Link	1
9		2040150100	押棒	Presser Bar	1
10		2040150500	押棒提昇器	Presser Bar Lifter	1
11		ZMJ06008	螺絲	Screw M6X1.0*18	1
12		2040340200	壓棒彈簧	Spring	1
13		2040143500	舉升曲臂連桿土台	Lifting Bell Crank Base	1
14		ZMJ06006	螺絲	Screw M6X1.0*23	1
15		2040150200	押棒套管	Bushing	1
16		2040143800	外壓脚	Presser Foot	1
17		ZMJ04005	螺絲	Screw M4X0.7*12	1
18		2040152500	保護板	Guard	1
19		ZMJ03010	螺絲	Screw M3X0.5*6	1
20		2040150400	壓縮彈簧	Presser Spring	1
21		2040159900	上蓋	Top Cover	1
22		ZMJ04004	螺絲	Screw M4X0.7*25	1
23		ZML04006	螺帽	Nut M4X0.7	1
24		4710150300	螺絲	Screw	1
25		4710151500	螺帽	Nut	1
26		2040341700	軸	Shaft	1
27		ZMH06023	螺絲	Screw M6X1.0*12	1
28		2040342300	彈簧	Spring	1
29		2040150604	押脚抬高桿	Foot Lifter Lifting Lever	1
30		2040151700	導板	Guide Plate	1
31		ZMJ05003	螺絲	Screw M5X0.8*15	2

F. 2050 押脚、脚弓闌系 (2/2) PRESSURE BAR & KNEE LIFTER COMPONENTS (2/2)

項次 NO	NOTE	零件號碼 Parts No.	零件名稱 Name of Parts	件數 QTY	備註 Remarks
1	#02	4710341600	連接器	1	
2	#02	ZSD20M07	螺絲	1	
3	#02	2050343400	連杆	1	
4	#02	ZSG16013	螺絲	2	
5	#02	4710340900	連接棒	1	
6	#02	4710342000	連接器	1	
7	#02	ZMD08003	螺絲	2	
8	#02	ZMG08005	螺絲	1	
9	#02	2050342100	支持座	1	
10	#02	ZM106007	螺絲	2	
11	#02	8370341100	固定銷	1	
12	#02	ZSB16011	螺絲	1	
13	#02	2050341700	腳押直杆	1	
14	#02	A7034-0A	連接器	1	
15	#02	ZSD20007	螺絲	2	
16	#02	4710341900	腳押曲杆	1	
17	#02	A7037-1A	腳弓鉤支架	1	
18	#02	A7037-0A	腳弓大鉤	1	
19	#02	A7036-0A	固定支架	1	
20	#02	ZSD15007	螺絲	1	
21	#02	LG4014-0A	定限	1	
22	#02	ZSH16005	螺絲	2	

NOTE (FIELD) #02----- OPTIONAL PARTS 特別注文部品

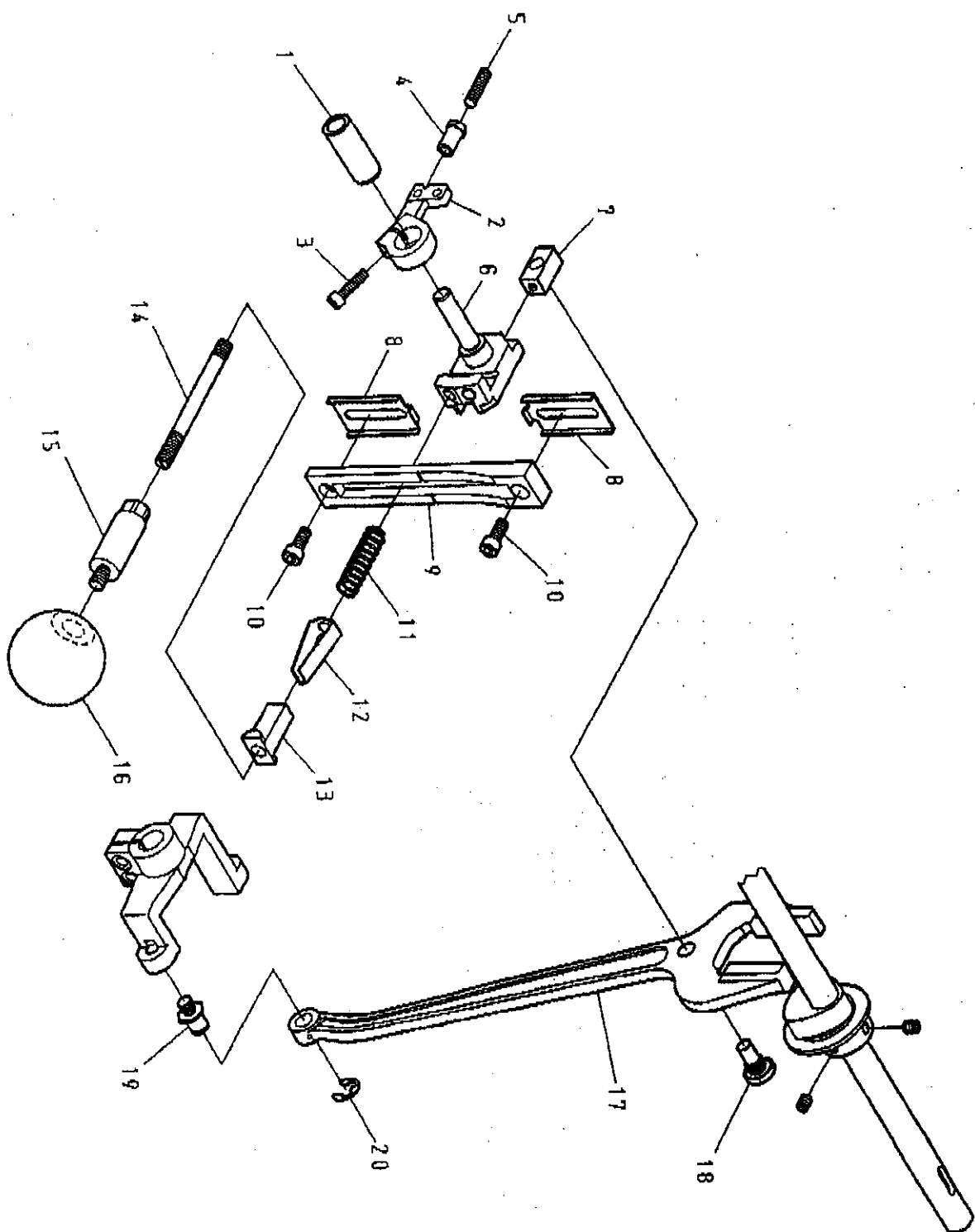
G. 2050 下部送料関係 LOWER FEED MECHANISM COMPONENTS



G. 2050 下部送料関係 LOWER FEED MECHANISM COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
1		4410161400	送料齒	Feed Dog	1	
2		ZSB11041	螺絲	Screw 11/64-40*7	1	
3		ZSG16024	螺絲	Hinge Screw	1	
4		4710162100	送料台押板	Feed Bar Presser	1	
5		ZSB11035	螺絲	Screw 11/64-40*6	2	
6		4710160100	送料台	Feed Bar	1	
7		RE000080	送料台	Retaining Rings- E Type B	1	
8		4710160200	送料台連接棒	Feed Bar Link	1	
9		ZSL16004	螺帽	Nut 1/4-24	1	
10		ZSK20007	螺絲	Hinge Screw	1	
11		4710160404	送料齒	Feed Rocker Shaft	1	
12		ZSK20009	螺絲	Hinge Screw	1	
13		4710160300	上下送料軸	Driving Shaft	1	
14		4710161700	上下送料軸套管	Driving Shaft Metal	1	
15		ZSA15037	螺絲	Screw 15/64-28*10.5	1	
16		LG4014-0A	定環	Thrust Collar	1	
17		ZSA16029	螺絲	Screw 1/4-40*3.5	2	
18		4710160600	送料齒	Bushing, Front	1	
19		ZSA15037	螺絲	Screw 15/64-28*10.5	1	
20		LG4044-0A	定環	Thrust Collar	1	
21		ZSA16029	螺絲	Screw 1/4-40*3.5	2	
22		2050160800	送料齒	Feed Rocker Shaft Crank	1	
23		ZML06004	螺絲	Screw M6X1.0*20	2	
24		4710160700	送料齒	Bushing, Rear	1	
25		ZSA15028	螺絲	Screw 15/64-28*7	1	

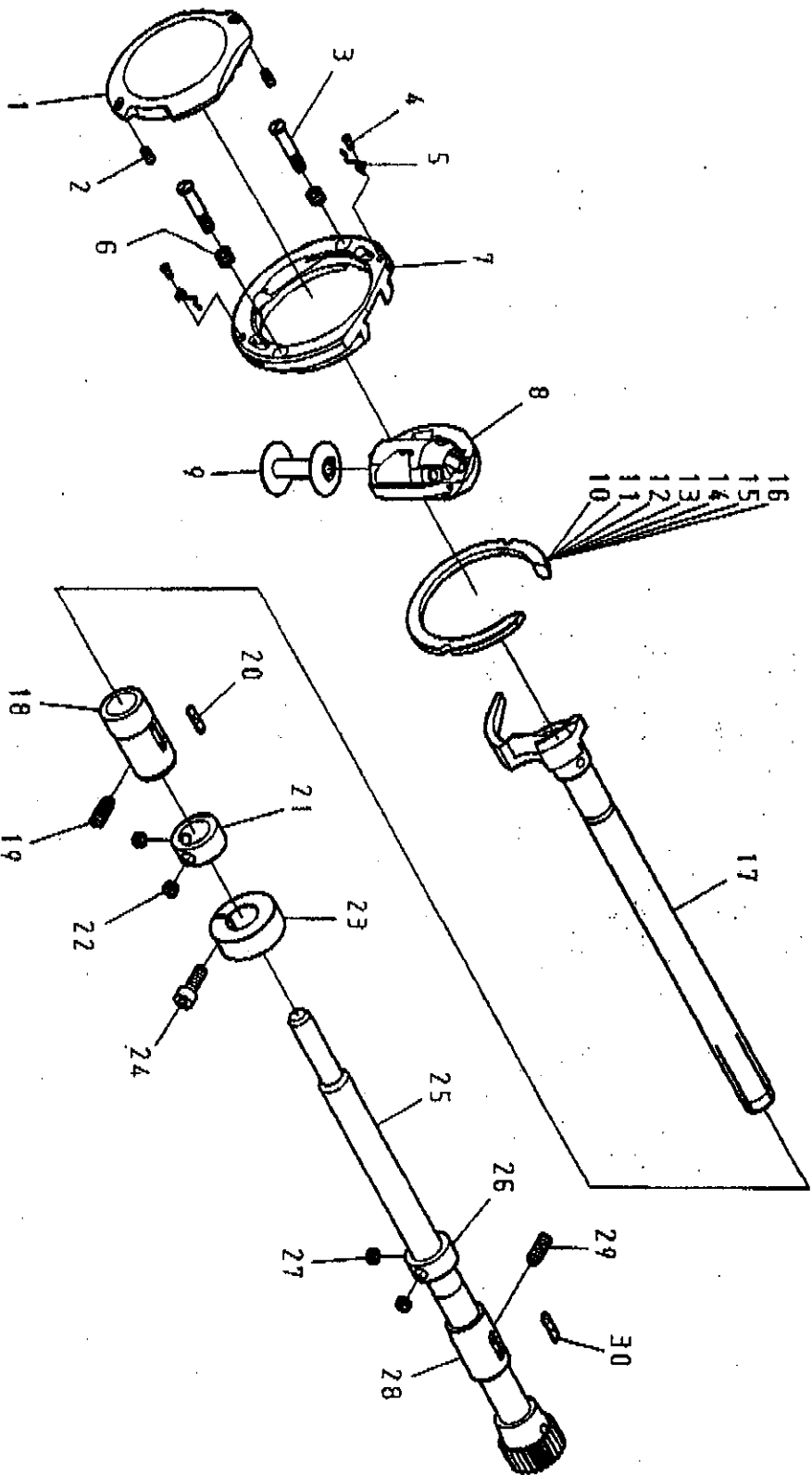
H. 2050 進目調節機構 FEED ADJUSTMENT MECHANISM COMPONENTS



H. 2050 縫目調節關係		FEED ADJUSTMENT MECHANISM COMPONENTS			
REF. No	NOTE	零件號碼	零件名稱	Name of Part	
		Part No.			
1	2	3	4	5	6
1		2040167900	蓋管	Bushing	1
2		2040162200	送料調節桿	Feed Regulator	1
3		ZMJ05004	螺絲	Screw M5X0.8*20	1
4		ZMF06005	螺帽	Nut M6X1.0	1
5		ZMF06024	螺絲	Screw M6X1.0*25	1
6		2040161104	送料調節桿 (結合)	Feed Regulator Com.	1
7		2040167200	滑塊	Slide Block	1
8		2040164500	定位板	Stopper Plate	2
9		2050161300	刻度板	Side Cover	1
10		ZMJ06002	螺絲	Screw M6X1.0*15	2
11		2040162000	彈簧	Spring	1
12		2040161900	簧片	Leaf Spring	1
13		2040162100	滑塊	Slide Block	1
14		2040161800	縫目調整桿	Lever Shaft	1
15		2040161200	倒鉤攔桿	Lever	1
16		4710161600	調節攔桿	Lever Grip	1
17		2050160900	連接叉桿	Rod	1
18		ZMB10002	螺絲	Hinge Screw	1
19		ZSK20009	螺絲	Hinge Screw	1
20		RE000080	三扣環	Retaining Rings E Type	1

件數 備註
QTY Remarks

I. 2050 下轴总成 (1/2) HOOK DRIVE SHAFT COMPONENTS (1/2)



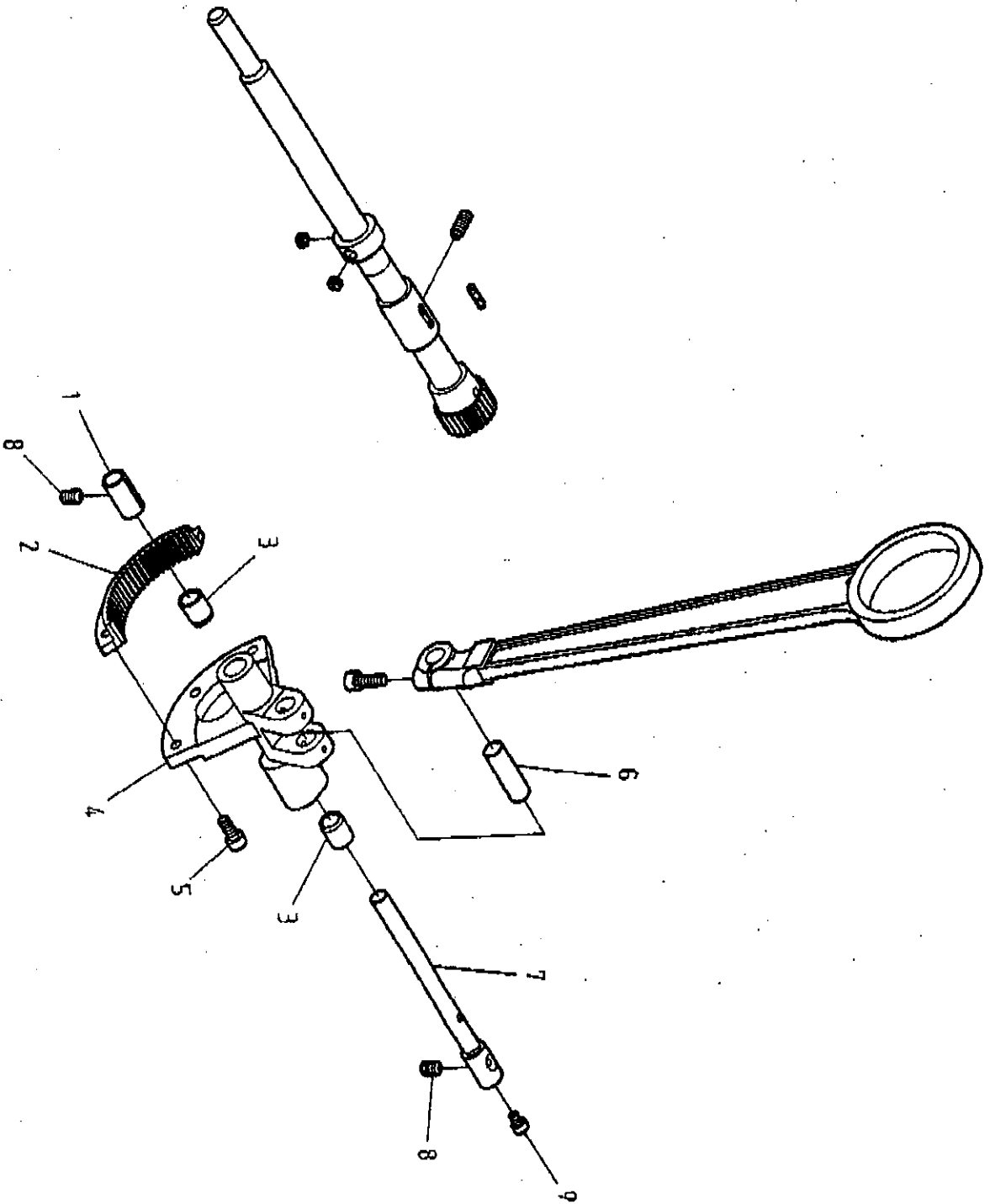
1. 2050 下軸關係 (1/2) HOOK DRIVE SHAFT COMPONENTS(1/2)

REF.No	NOTE	零件號碼	Part No.	零件名稱	Name of Part	件數	備註
						QTY	Remarks
1			4710183600	接頭蓋	Hook Cover	1	
2			4710184000	螺絲	Screw	2	
3			ZSG12047	螺絲	Hinge Screw	2	
4			ZSG06004	螺絲	Hinge Screw	2	
5			4710183700	接頭蓋彈簧	Hook Cover Spring	2	
6			4710183800	壓縮彈簧	Hook Counter Spring	2	
7			4710187400	接頭彈簧座	Shuttle Race Body	1	
8			4710181300	接頭	Hook Asm.	1	
9			4710183200	接頭	Bobbin	1	
10			4710184200	固定輪 (標準)	Distance Piece (Standard)	1	
11	#01		4710184210	固定輪	Distance Piece	(1)	
12	#01		4710184220	固定輪	Distance Piece	(1)	
13	#01		4710184230	固定輪	Distance Piece	(1)	
14	#01		4710184240	固定輪	Distance Piece	(1)	
15	#01		4710184250	固定輪	Distance Piece	(1)	
16			4710184260	固定輪	Distance Piece	(1)	
17			2050181604	接頭驅動柄 (結合)	Shuttle Driver Com.	1	
18			4710180301	下軸套管 (左)	Bushing, Front	1	
19			ZSA15010	螺絲	Screw 15/64-28*15	1	
20			4710183800	油杯	Oil Felt	1	
21			LG4044-0A	螺絲	Thrust Collar	1	
22			ZSA18029	螺絲	Screw 1/4-40*3.5	2	
23			2040186600	螺絲	Joint	1	
24			ZMAJ05003	螺絲	Screw M5X0.8*15	1	
25			2040180704	螺絲 (結合)	Lower Shaft Gear Com.	1	
26			LG4044-0A	定環	Thrust Collar	1	
27			ZSA18029	螺絲	Screw 1/4-40*3.5	2	
28			4710180500	下軸套管 (右)	Bushing, Rear	1	
29			ZSA15010	螺絲	Screw 15/64-28*15	1	
30			4710183900	油杯	Oil Felt	1	

Note(注記)#01

Selective parts 選取部品

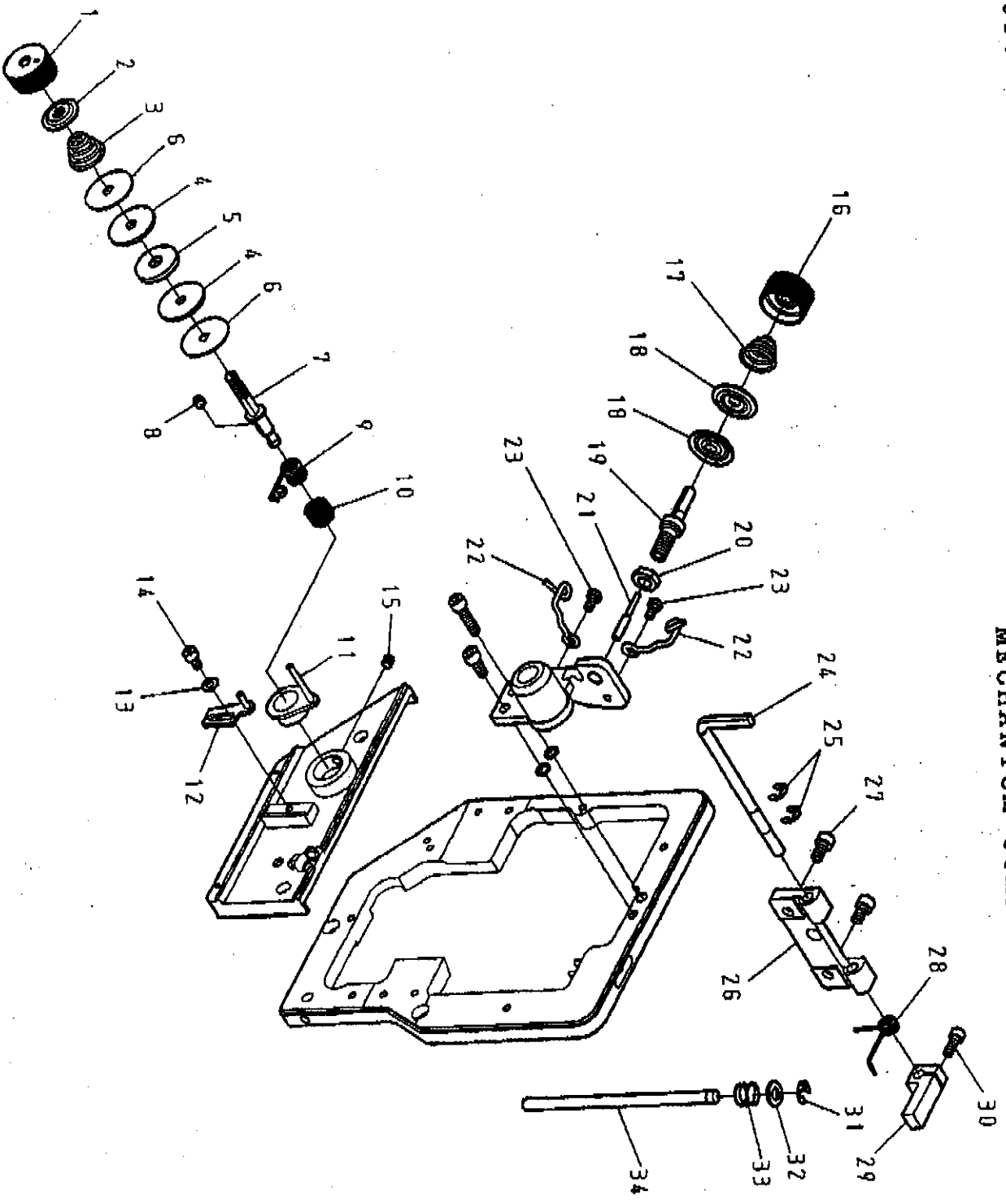
1. 2050 下轴驱动 (2/2) HOOK DRIVE SHAFT COMPONENTS (2/2)



1. 2050 下翻筒係 (2/2) HOOK DRIVE SHAFT COMPONENTS(2/2)

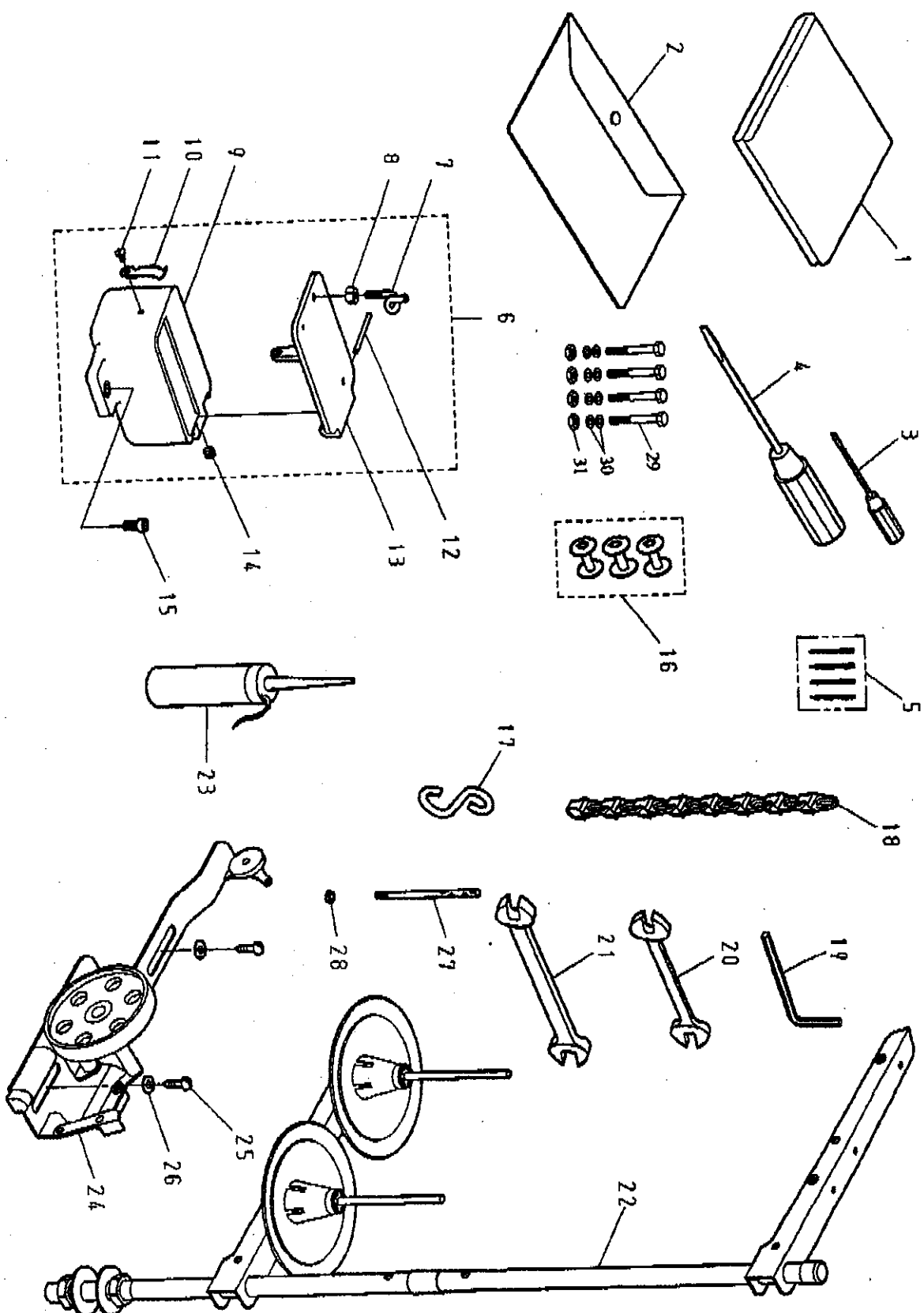
REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			QTY	Remarks
1		2040182400	套管	Bushing	1	
2		2040182500	齒輪	Rock Gear	1	
3		204018220A	套管	Bushing	2	
4		2040182280	搖動柄	Oscilating Rock Shaft	1	
5		ZMJ05002	螺絲	Screw M5X0.8*12	3	
6		2040183000	銷	Pin	1	
7		2040182300	軸	Shaft	1	
8		ZMH06010	螺絲	Screw M8X1.0*10	2	
9		ZMJ04008	螺絲	Screw M4X0.7*6	1	

UPPER THREAD TENSION REGULATOR
MECHANISM COMPONENTS



J. 2050 縫線壓力調節關係 UPPER THREAD TENSION REGULATOR MECHANISM COMPONENTS

REF. No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			QTY	Remarks
1		2040310300	螺帽	Nut	1	
2		2040315400	線調整壓盤	Tension Regulator Presser Disk	1	
3		2040310400	調整彈簧	Thread Tension Spring	1	
4		2040311300	棉環側盤	Felt Support Plate	2	
5		2040311200	調整線輪	Thread Tension Wheel	1	
6		2040311400	棉環側盤	Felt Support Plate	2	
7		2040311100	調整螺絲桿	Thread Tension Wheel Post	1	
8		ZMH05001	螺絲	Screw M5X0.8*5	1	
9		2040310800	吊線彈簧	Spring A	1	
10		2040310900	吊線彈簧	Spring B	1	
11		2040310504	彈簧座(結合)	Thread Tension Post Bracket Com.	1	
12		2040311004	線輪彈簧調整器(結合)	Spring Support Plate Com.	1	
13		WA049003	平墊圈	Washer	1	
14		ZMJ04001	螺絲	Screw M4X0.7*8	1	
15		ZMH05001	螺絲	Screw M5X0.8*5	1	
16		2040310300	螺帽	Nut	1	
17		2040315800	調整彈簧	Thread Tension Spring	1	
18		A1025-0A	壓線盤	Tension Disk	2	
19		2040310100	調整螺絲桿	Thread Tension Post	1	
20		ZML08004	螺帽	Nut M8X1.25	1	
21		2040312000	線輪鎖	Tension Releasing Pin	1	
22		2040310600	螺絲	Thread Tension Guide	2	
23		ZMB04011	螺絲	Screw M4X0.7*8	2	
24		2040317100	壓線導板	Tension Releasing Plate	1	
25		RE000050	E扣環 5	Retaining Rings- E Type 5	2	
26		2040317000	壓線導座	Tension Releasing Base	1	
27		ZMJ05008	螺絲	Screw M5X0.8*10	2	
28		2040312300	彈簧	Spring	1	
29		2040317500	連桿	Link	1	
30		ZMJ04005	螺絲	Screw M4X0.7*12	1	
31		RE000050	E扣環 5	Retaining Rings- E Type 5	1	
32		WA060035	平墊圈	Washer	1	
33		2040315900	彈簧	Spring	1	
34		2040317200	連接棒	Tension Releasing Bar	1	



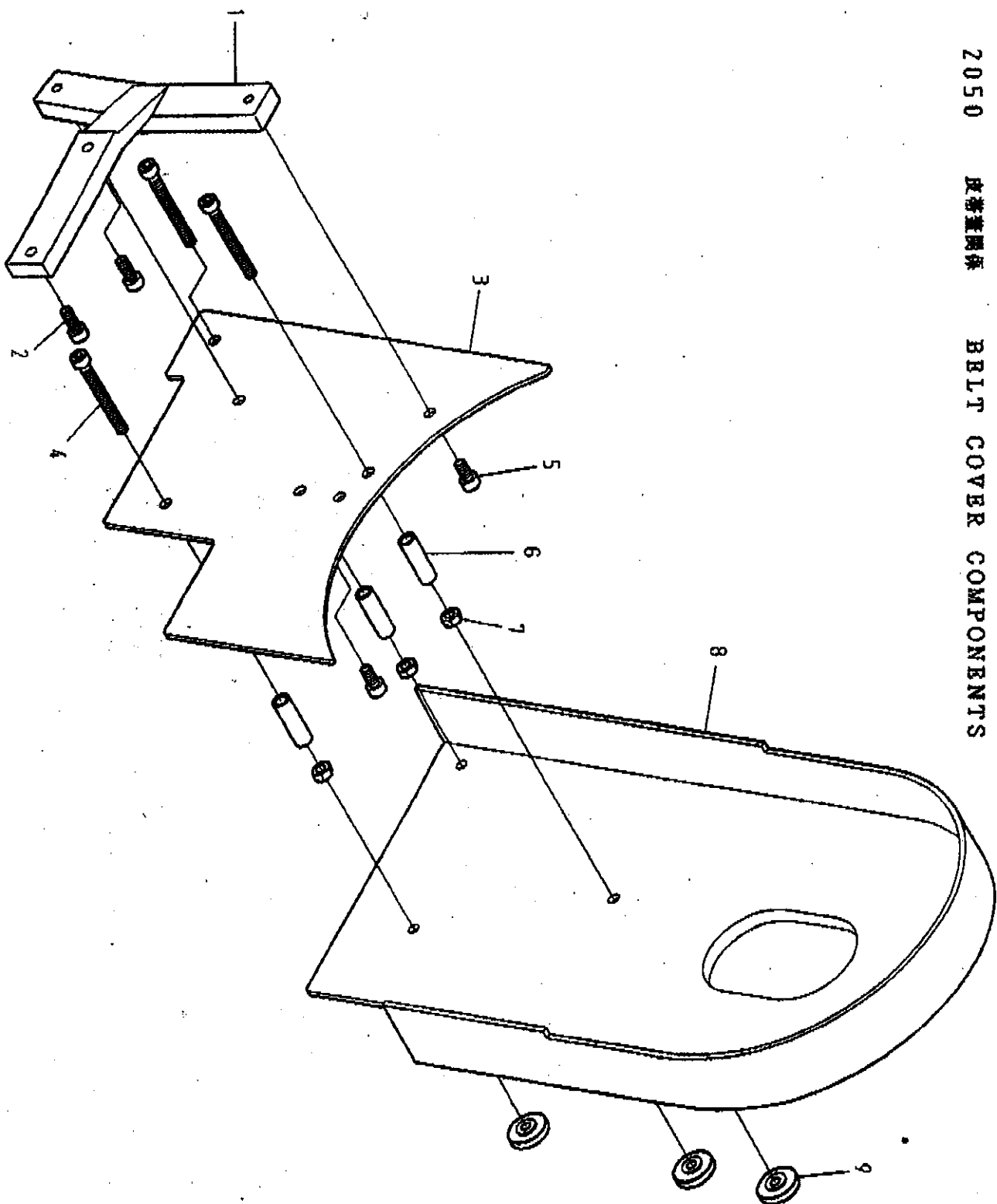
K. 2050 附件關係 ACCESSORIES

項次 NO	NOTE	零件號碼 Parts No.	零件名稱 Name of Parts	件數 QTY	備註 Remarks
1		47109109X0	車頭蓋	1	
2		A7000-0A	工具袋	1	
3		A7010-0A	螺絲起子 (小)	1	
4		A7010-2A	螺絲起子 (大)	1	
5		IN794#200	針	1	
6	#02	2050911005	油壺 (組)	4	
7	#02	4710911200	線索內	1	
8	#02	ZSL06001	螺帽	(1)	
9	#02	2050911000	彈簧板	(1)	
10	#02	4710911300	油壺	(1)	
11	#02	ZSB09047	彈簧板	(1)	
12	#02	4710911400	螺絲	(1)	
13	#02	4709911100	銷	(1)	
14	#02	ZSA09005	油蓋蓋	(1)	
15	#02	ZMJ06003	螺絲	(1)	
16		4710183200	螺絲	(1)	
17		4710340800	梭仔	1	
18		4710341400	S型銷	3	
19		TLA020	鎖	2	
20		TRB06x07	六角型螺絲起子	1	
21		TRB08x10	開口扳手	1	
22		J7050-0A	開口板手	1	
23		A7012-1A	線架	1	
24		2040320106	油壺 (中)	1	
25		ZMT05001	差速器組	1	
26		WA059003	木螺絲	1	
27		4710113400	平墊圈	2	
28		ZSL12003	螺柱	2	
29		ZMD10005	螺帽	1	
30		WA110003	螺絲	1	
31		ZML30004	平墊圈	4	
			螺帽	8	
			NUT (M10x1.5x8.4)	4	

NOTE (FIELD) # 02

OPTIONAL PARTS 特別注文部品

L. 2050 皮帶蓋關係 BELT COVER COMPONENTS



2050 皮帶蓋關係 BELT COVER COMPONENTS				
REF.No	NOTE	零件號碼	零件名稱	Name of Part
1	2	Part No.		
1		2050336000	皮帶蓋土台	Belt Cover Base
2		ZMJ06002	螺絲	Screw M6X1.0*15
3		2050335600	皮帶蓋支持板	Belt Cover Mounting Plate
4		ZMJ06024	螺絲	Screw M6X1.0*55
5		ZMJ06008	螺絲	Screw M6X1.0*12
6		2050335300	皮帶蓋固定管	Belt Cover Stud
7		ZML06001	螺帽	Nut M6X1.0
8		2050335100	皮帶蓋 A	Belt Cover A
9		ZMR06007	螺帽	Nut M6 x 1.0
				件數
				QTY
				備註
				Remarks
				1
				2
				1
				3
				2
				3
				3
				1
				3

M. 2050 零件號碼與頁數對照表(1/3)		NUMERICAL PARTS-LIST (1/3)	
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2040317200	25-34	204011100C	3-9
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2050911000	27-9	2040111200	3-16
2050911005	27-6	2040113100	3-30
4410161400	17-1	2040120104	5-2
4710111100	3-38	2040120200	5-4
4710160100	17-6	2040120400	5-17
4710160200	17-8	2040121000	7-19
4710160300	17-13	2040121300	5-1
4710160404	17-11	2040122000	5-5
4710160600	17-18	2040122300	5-20
4710160700	17-24	2040140100	7-22
4710161700	17-14	2040140900	7-20
4710162100	17-4	2040141704	11-30
4710180301	21-18	2040141900	9-11
4710180500	21-28	2040142304	9-4
4710181400	21-7	2040142500	11-21
4710183600	21-1	2040142700	11-3
4710183700	21-5	2040142900	11-23
4710183800	21-6	2040143100	9-1
4710183900	21-20	2040143300	11-31
4710183900	21-30	2040143500	13-13
4710184000	21-2	2040143600	11-34
4710184200	21-10	2040143700	11-28
4710184210	21-11	2040143800	13-16
4710184220	21-12	2040144400	5-18
4710184230	21-13	2040144600	11-6
4710184240	21-14	2040144704	11-11
4710184250	21-15	2040145410	11-14
4710184260	21-16	2040145420	11-15
4710911100	27-13	2040145430	11-16
4710911200	27-7	2040145440	11-17
4710911300	27-10	2040145450	11-18
4710911400	27-12	2040145460	11-19
2040110604	11-26	2040145470	11-20
2040110900	3-3	2040148000	11-4
2040111000	3-1	2040148000	11-35
		2040150100	13-9
		2040150200	13-15
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		2040150500	13-10
		2040150604	13-29
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		2040150804	13-7
		2040151000	11-32
		2040151100	11-24
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		2040157104	13-1
		2040159900	13-21
		2040161104	19-6
		2040161200	19-15
		2040161800	19-14
		2040161900	19-12
		2040162000	19-11
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		2040340200	13-12

M. 2050 零件號碼與頁數對照表(2/3) NUMERICAL PARTS-LIST (2/3)

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2040340300	13-8	8370341100	15-11	WA040026	5-15	ZMG08005	15-8
2040341700	13-26	A1025-0A	25-18	WA049003	3-23	ZMH04017	7-24
2040342300	13-28	A1077-0A	3-15	WA049003	25-13	ZMH05001	7-2
2040350200	3-18	A7000-0A	27-2	WA059003	27-26	ZMH05001	11-10
2040351504	3-25	A7010-0A	27-3	WA059006	13-4	ZMH05001	25-8
2040351900	3-5	A7010-2A	27-4	WA060035	25-32	ZMH05001	25-15
2040352900	9-24	A7012-1A	27-23	WA06008	9-5	ZMH05002	9-29
2040353604	3-34	A7034-0A	15-14	WA080007	11-2	ZMH05003	11-29
2040353804	9-23	A7036-0A	15-19	WA080022	7-17	ZMH05006	9-21
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2050181604	21-17	BNHK0910B	7-3	WH216002	5-3	ZMH06008	3-37
2050271100	9-14	BNHK4512	5-9	XA200150	3-35	ZMH06010	23-8
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2050335300	29-6	IN7944200	27-5	XA200280	3-33	ZMH06023	13-27
2050335600	29-3	J7050-0A	27-22	XA200300	9-19	ZMH06024	19-5
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4410111300	3-11	LG4044-0A	21-21	XB215001	3-24	ZMJ04001	25-14
4410142400	9-9	LG4044-0A	21-26	XB400063	3-8	ZMJ04002	11-33
4710111600	3-14	RE000040	9-30	XP300045	9-22	ZMJ04003	3-2
4710113400	27-27	RE000040	11-36	XP300055	9-26	ZMJ04003	11-22
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4710151500	13-25	RE000050	25-31	XP300200	3-26	ZMJ04005	3-4
4710161600	19-16	RE000070	9-2	YD040014A	3-32	ZMJ04005	11-25
4710181300	21-8	RE000080	9-15	ZMB04011	25-23	ZMJ04005	13-17
4710183200	21-9	RE000080	17-7	ZMB04013	3-29	ZMJ04005	25-30
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4710341900	15-16	TLA020	27-19	ZMB08005	11-37	ZMJ05002	13-3
4710342000	15-6	TRB06 x 07	27-20	ZMB10002	19-18	ZMJ05002	23-5
4710910900	27-1	TRB08 x 10	27-21	ZMD08003	15-7	ZMJ05003	5-23

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ZMJ06009	13-11	ZSD20007	15-2				
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ZMK08016	9-13	ZSG12047	21-3				
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Model

2050

INSTRUCTION MANUAL

MODEL : 2050

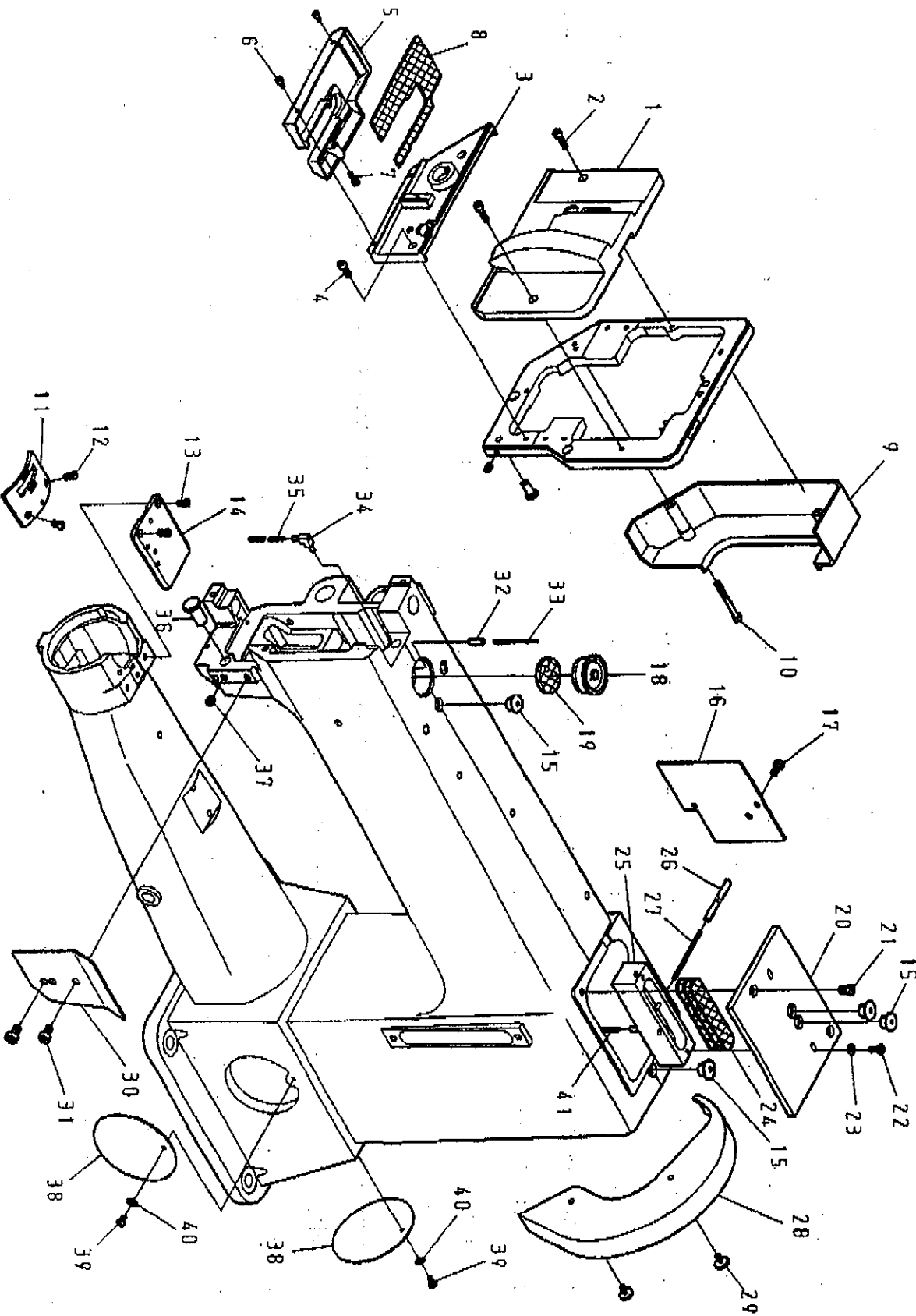
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A. 2050 本體圖樣 FRAME & MISCELLANEOUS COVER COMPONENTS



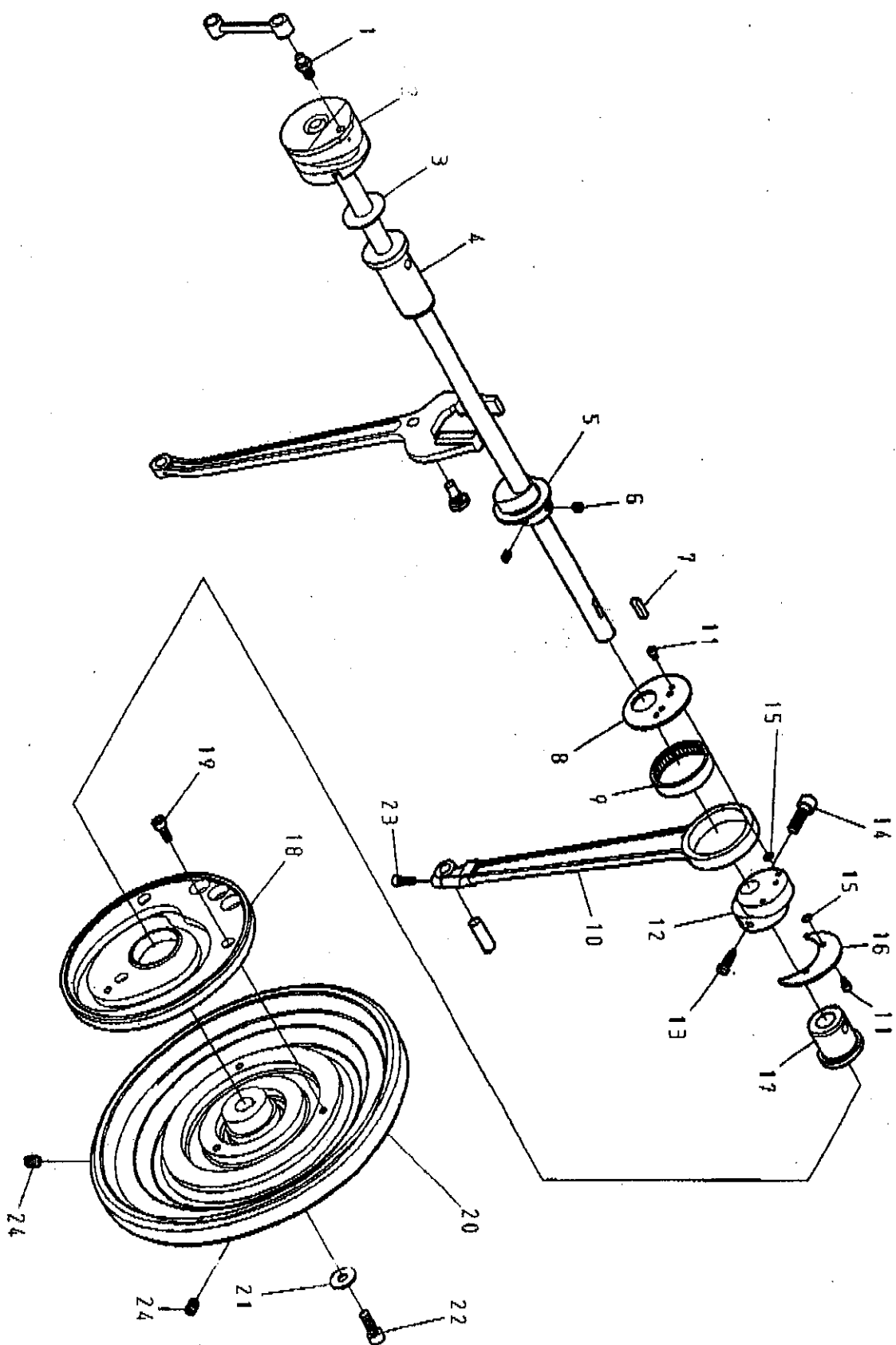
A. 2050 本體關係 FRAME & MISCELLANEOUS COVER COMPONENTS

REF.No NOTE 零件號碼 零件名稱 Name of Part

Part No. 件數 備註 Q'TY Remarks

1	2040111000	面板	Face Plate	1	
2	ZMJ04003	螺絲	Screw M4X0.7*15	2	
3	2040110900	面板(下)	Face Plate	1	
4	ZMJ04005	螺絲	Screw M4X0.7*12	2	
5	2040351900	保護蓋	Dust Stopper Plate	1	
6	ZMJ03010	螺絲	Screw M3X0.5*6	2	
7	ZMJ03001	螺絲	Screw M3X0.5*10	1	
8	XB400063	油棉	Felt	1	
9	204011100C	保護蓋	Cover	1	
10	ZMJ04020	螺絲	Screw M4X0.7*40	2	
11	4410111300	針板	Throat Plate	1	
12	ZSB12045	螺絲	Screw 3/16-28*9	2	
13	ZSB11018	螺絲	Screw 11/64-40*8	2	
14	4710111600	角板	Slide Plate	1	
15	A107-0A	橡膠塞	Oil Cap	4	
16	2040111200	接蓋	Arm Side Cover	1	
17	ZMB05004	螺絲	Screw M5X0.8*10	2	
18	2040350200	橡膠塞	Oil Cap	1	
19	XB130001	油棉	Felt	1	
20	2040111100	上蓋	Top Cover	1	
21	ZMB05004	螺絲	Screw M5X0.8*10	2	
22	ZMB04016	螺絲	Screw M4X0.7*10	2	
23	WA049003	平墊圈	Washer	2	
24	XB215001	油棉	Felt	3	
25	2040351504	油槽	Oil tank	1	
26	XP300200	油管線	Oil Tube	1	
27	XA200400	油線	Oil Wick	1	
28	2040335800	皮帶蓋	Cover	1	
29	ZMB04013	螺絲	Screw M4X0.7*8	2	
30	2040113100	橫蓋	Arm Side Cover	1	
31	ZMJ06001	螺絲	Screw M6X1.0*8	2	
32	YD040014A	銷	Spring Pins	1	
33	XA200280	油線	Oil Wick	1	
34	2040353604	油管接頭	Oil Pipe Joint	1	
35	XA200150	油線	Oil Wick	1	
36	2040270400	銷	Pin	1	
37	ZMH06008	螺絲	Screw M6X1.0*6	1	
38	4710111100	底座蓋板(A)	Slide Cover A	2	
39	ZSB09047	螺絲	Screw 9/64-40*7	2	
40	WCD49001	墊圈	Washer	2	
41	XA200180	油線	Oil Wick	1	

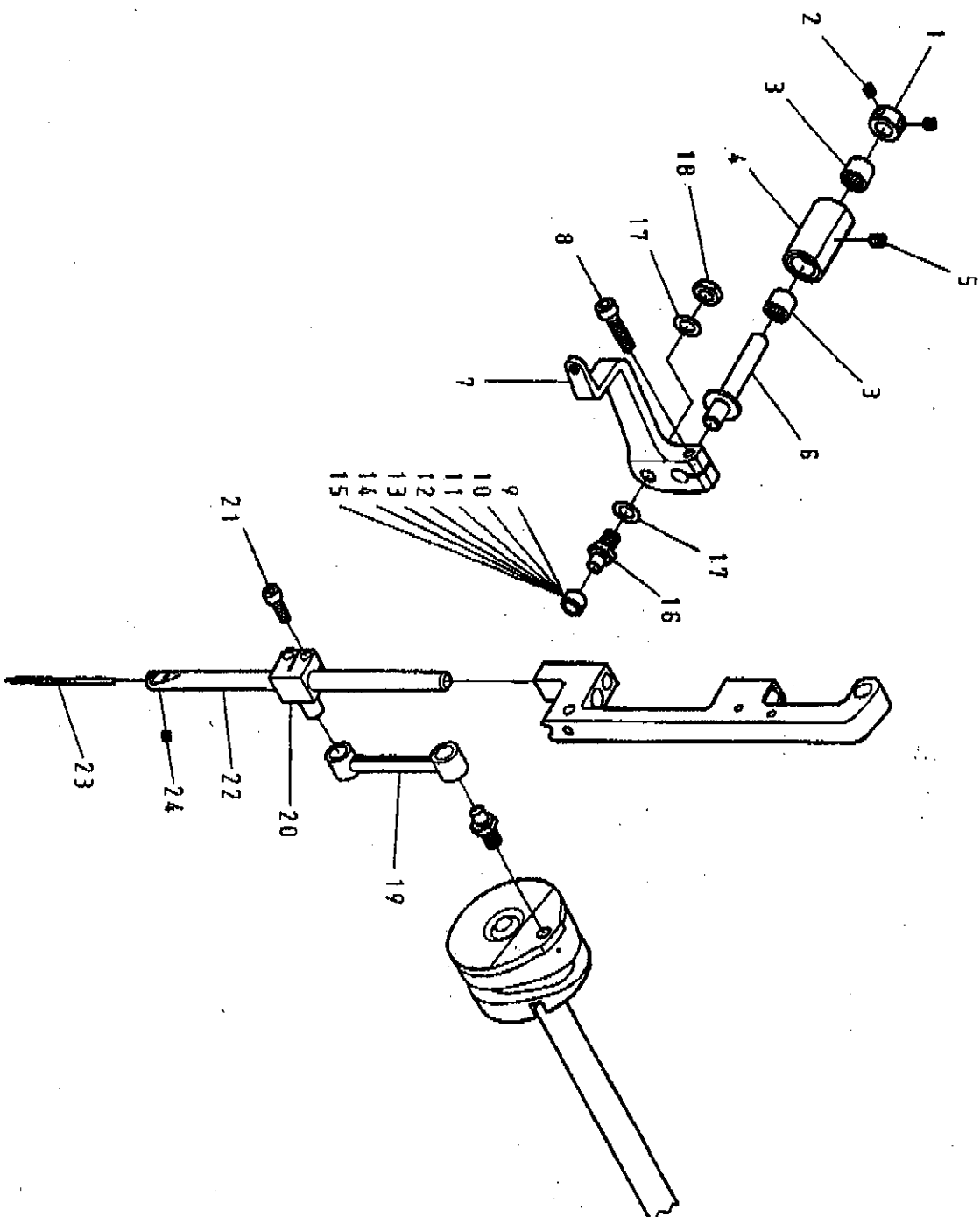
B. 2050 上軸部 MAIN SHAFT COMPONENTS



B. 2050 上軸關係 MAIN SHAFT COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
1	2	Part No.				
1		2040121300	針桿連接軸	Needle Bar Crank Shaft	1	
2		2040120104	上軸(組)	Main Shaft Asm.	1	
3		WH216002	平盤圈	Washer	1	
4		2040120200	上軸套管(左)	Main Shaft Bushing Front	1	
5		2040122000	偏心輪	Feed Cam	1	
6		ZMH06003	螺絲	Screw M6X1.0*8	2	
7		KG0305520	鍵	Key	1	
8		204018200A	側板	Side Plate	1	
9		BNHK4512	軸承	Needle Bearing	1	
10		2040181800	動桿	Connecting Rod	1	
11		ZMJ04008	螺絲	Screw M4X0.7*6	4	
12		2040181900	偏心輪	Con-Rod Eccentric Cam	1	
13		ZMB06020	螺絲	Screw M6X1.0*22	1	
14		ZMJ08011	螺絲	Screw M8X0.75*25	1	
15		WA040026	平盤圈	Washer	4	
16		204018200B	側板	Side Plate	1	
17		2040120400	上軸套管(右)	Main Shaft Bushing Rear	1	
18		2040144400	偏心輪	Driving Cam	1	
19		ZMJ06009	螺絲	Screw M6X1.0*18	3	
20		2040122300	皮帶輪	Hand Wheel	1	
21		WA088004	平盤圈	Washer	1	
22		ZMJ08003	螺絲	Screw M8X1.25*22	1	
23		ZMJ06003	螺絲	Screw M5X0.8*15	1	
24		ZMH08002	螺絲	Screw M8X1.25*12	2	

C. 2050 針棒・天祥關係 NEEDLE BAR & THREAD TAKE-UP LEVER COMPONENTS

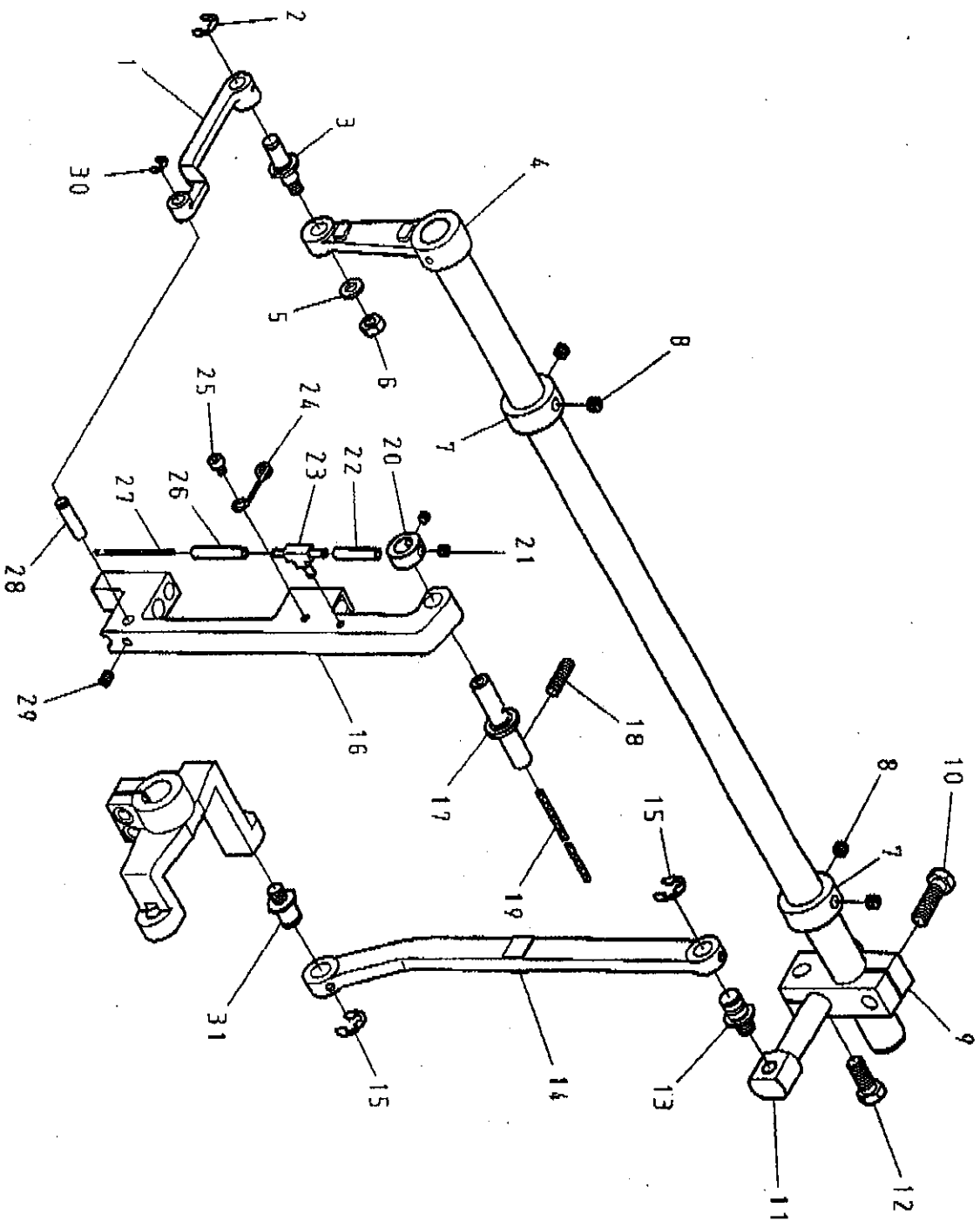


C. 2050 針棒-天秤關係 NEEDLE BAR & THREAD TAKE-UP LEVER COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			QTY	Remarks
1		TC09008200	定環	Thrust Collar	1	
2		ZMH05001	螺絲	Screw M5X0.8*5	2	
3		3NHK0910B	軸承	Needle Bearing	2	
4		2040192300	套管	Bushing	1	
5		ZMH06003	螺絲	Screw M6X1.0*8	1	
6		2040192100	軸	Shaft	1	
7		2040190104	天秤(結合)	Thread Take Up Lever Com.	1	
8		ZMA05017	螺絲	Screw M5X0.8*25	1	
9	#01	2040190210	滾仔	Roller	(1)	
10	#01	2040190220	滾仔	Roller	(1)	
11		2040190230	滾仔	Roller	1	
12	#01	2040190240	滾仔	Roller	(1)	
13	#01	2040190250	滾仔	Roller	(1)	
14	#01	2040190260	滾仔	Roller	(1)	
15	#01	2040190270	滾仔	Roller	(1)	
16		2040190300	滾仔固定軸	Roller Stud	1	
17		WA080022	平墊圈	Washer	2	
18		ZML08004	螺帽	Nut M8X1.25	1	
19		2040121000	針棒連接器	Needle Bar Crank Rod	1	
20		2040140900	針棒鉗	Needle Bar Connection	1	
21		ZMJ06003	螺絲	Screw M5X0.8*15	2	
22		2040140100	針棒	Needle Bar	1	
23		IN794#200	針	Needle (794 Nm=200)	1	
24		ZMH04017	螺絲	Screw MAX0.5*4	1	

Note (注記) #01 ----- Selective parts 選取部品

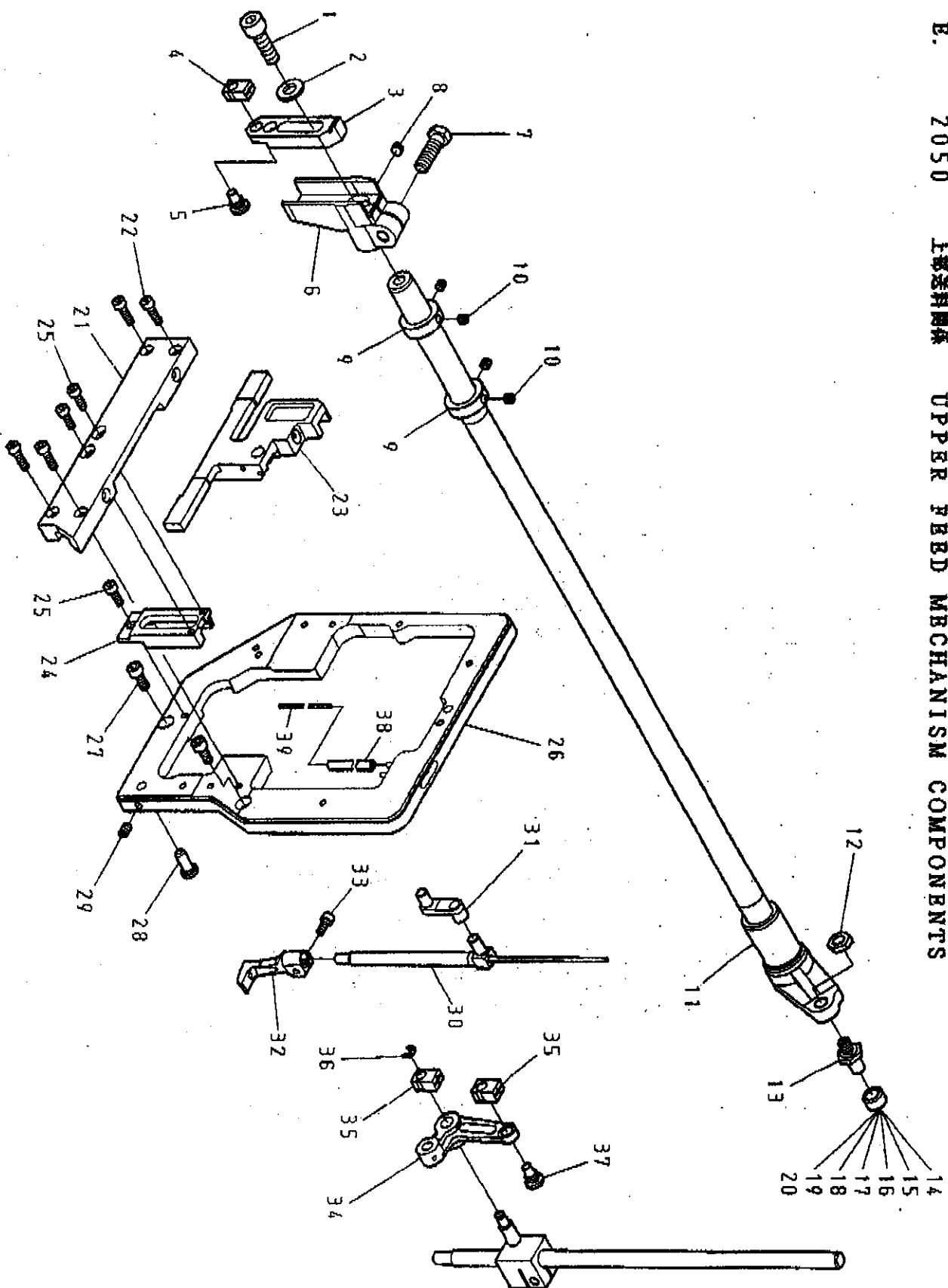
D. 2050 針桿振盪關係 NEEDLE BAR ROCKING MOTION MECHANISM COMPONENTS



D. 2050 針棒搖擺關係 NEEDLE BAR ROCKING MOTION MECHANISM COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			QTY	Remarks
1		2040143100	搖動連桿	Rod	1	
2		RE000070	E扣環 7	Retaining Rings- E Type 7	1	
3		ZMK06025	螺絲	Hinge Screw	1	
4		2040142304	中軸連桿(前)(結合)	Driving Shaft Rod, Rear Com.	1	
5		WA06008	平墊圈	Washer	1	
6		ZML06001	螺帽	Nut M6X1.0	1	
7		LG4043-0A	定環	Thrust Collar	2	
8		ZSA16010	螺絲	Screw 1/4-40x4.5	4	
9		4410142400	中軸連桿(後)	Driving Shaft Rod, Rear	1	
10		ZSD20009	螺絲	Screw 5/16-18x25	1	
11		2040141900	中軸連桿銷(後)	Driving Shaft Rear Arm Pin	1	
12		ZSD20011	螺絲	Screw 5/16-18x19	1	
13		ZMK08016	螺絲	Hinge Screw	1	
14		2050271100	連桿	Lengthwise Feed Rod	1	
15		RE000080	E扣環 8	Retaining Rings- E Type 8	2	
16		2040270100	針棒座	Frame Driving Base	1	
17		2040270200	針棒座軸	Frame Driving Base Shaft	1	
18		ZMH06016	螺絲	Screw M8X1.0x20	1	
19		XA200300	油線	Oil Wick	1	
20		TC09508200	定環	Thrust Collar	1	
21		ZMH05006	螺絲	Screw M8X0.8x4	2	
22		XP300045	油管線	Oil Tube	1	
23		2040353804	油管接頭	Oil Pipe Joint	1	
24		2040352900	油管支持片	Pipe Holder	1	
25		ZMA004008	螺絲	Screw M4X0.7x6	1	
26		XP300055	油管線	Oil Tube	1	
27		XA300460	油線	Oil Wick	1	
28		2040271360	銷	Pin	1	
29		ZMH05002	螺絲	Screw M5X0.8x6	1	
30		RE000040	E扣環 4	Retaining Rings- E Type 4	1	
31		ZSK20009	螺絲	Hinge Screw	1	

E. 2050 上部送料機構 UPPER FEED MECHANISM COMPONENTS

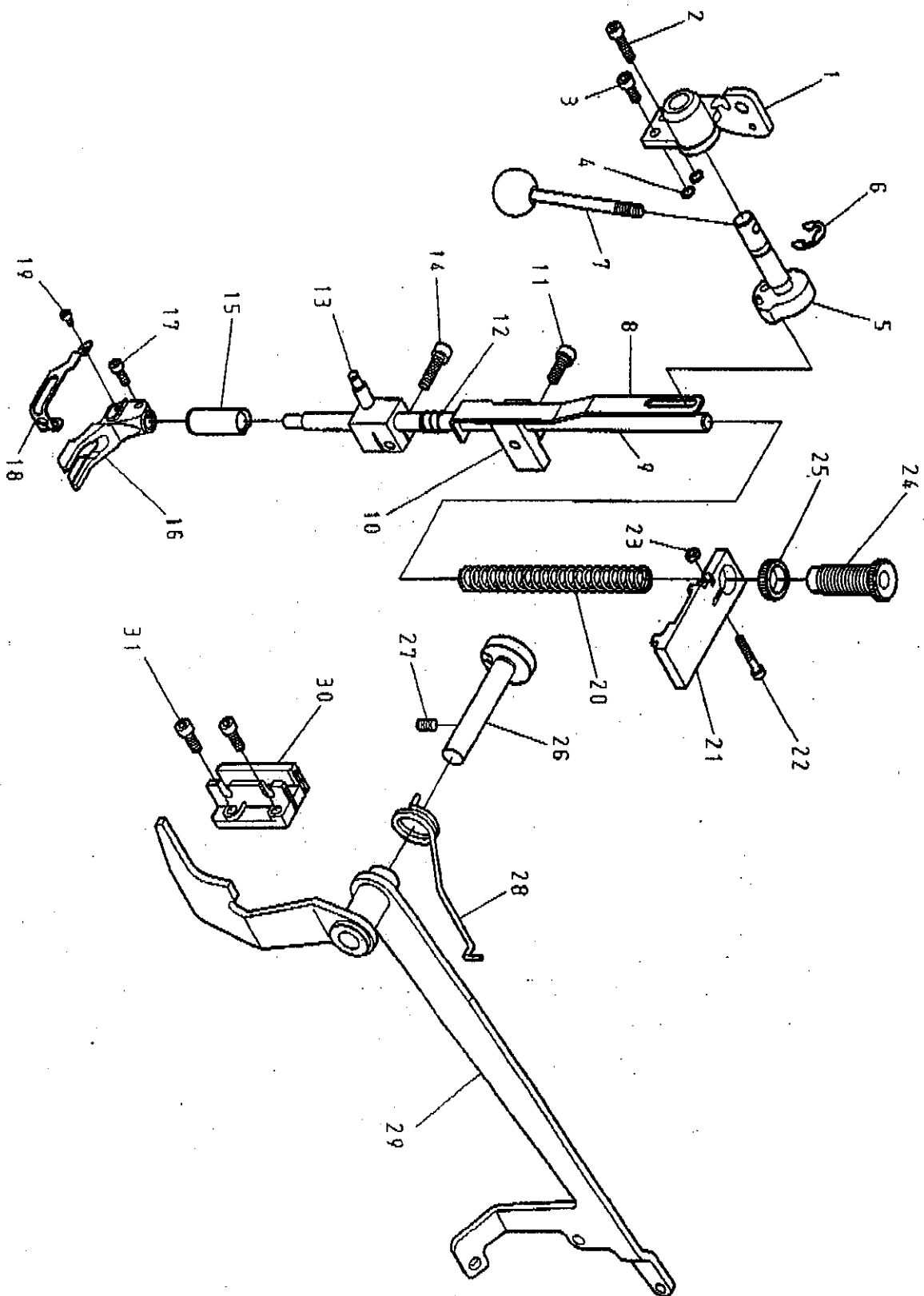


E. 2050 上部送料機構 UPPER FEED MECHANISM COMPONENTS

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
1		ZMJ08006	螺絲	Screw MBX1.25*25	1	
2		WA08007	平墊圈	Washer	1	
3		2040142700	滑塊	Slide Block	1	
4		2040148000	滑塊	Slide Block	1	
5		ZMB08005	螺絲	Hinge Screw	1	
6		2040144600	上送軸柄	Driving Shaft Arm, Front	1	
7		ZSD20009	螺絲	Screw 5/16-18*25	1	
8		ZSA16020	螺絲	Screw 1/4-40*5.5	2	
9		TC16008200	定環	Thrust Collar	4	
10		ZMH05001	螺絲	Screw M5X0.8*5	1	
11		2040144704	上送軸柄(結合)	Driving Shaft Arm, Rear Com.	1	
12		ZML08004	螺帽	Nut M8 x 1.25	1	
13		ZMK08017	滾仔固定軸	Roller Stud	1	
14		2040145410	滾仔	Roller	(1)	
15	#01	2040145420	滾仔	Roller	(1)	
16	#01	2040145430	滾仔	Roller	(1)	
17	#01	2040145440	滾仔	Roller	(1)	
18	#01	2040145450	滾仔	Roller	(1)	
19	#01	2040145460	滾仔	Roller	(1)	
20	#01	2040145470	滾仔	Roller	(1)	
21		2040142500	導板	Guide Plate	1	
22		ZMJ04003	螺絲	Screw M4X0.7*15	4	
23		2040142800	導塊	Slide Block	1	
24		2040151100	導板	Guide Plate	1	
25		ZMJ04005	螺絲	Screw M4X0.7*12	3	
26		2040110604	螺絲	Face Plate Base Com.	1	
27		ZMJ05002	螺絲	Screw M5X0.8*12	2	
28		2040143700	銷	Pin	1	
29		ZMH05003	螺絲	Screw M5X0.8*8	1	
30		2040141704	中間桿(結合)	Vibrating Presser Bar Com.	1	
31		2040143300	押腳壓升桿	Vibrating Presser Bar Link	1	
32		2040151000	內壓腳	Walking Foot	1	
33		ZMJ04002	螺絲	Screw M4X0.7*10	1	
34		2040143600	壓升曲臂連桿	Lifting Ball Crank	1	
35		2040148000	滑塊	Slide Block	2	
36		RE000040	E和環 4	Retaining Rings- E Type 4	1	
37		ZMB08005	螺絲	Hinge Screw	1	
38		XP300100	油管線	Oil Tube	1	
39		XA200360	油線	Oil Wick	1	

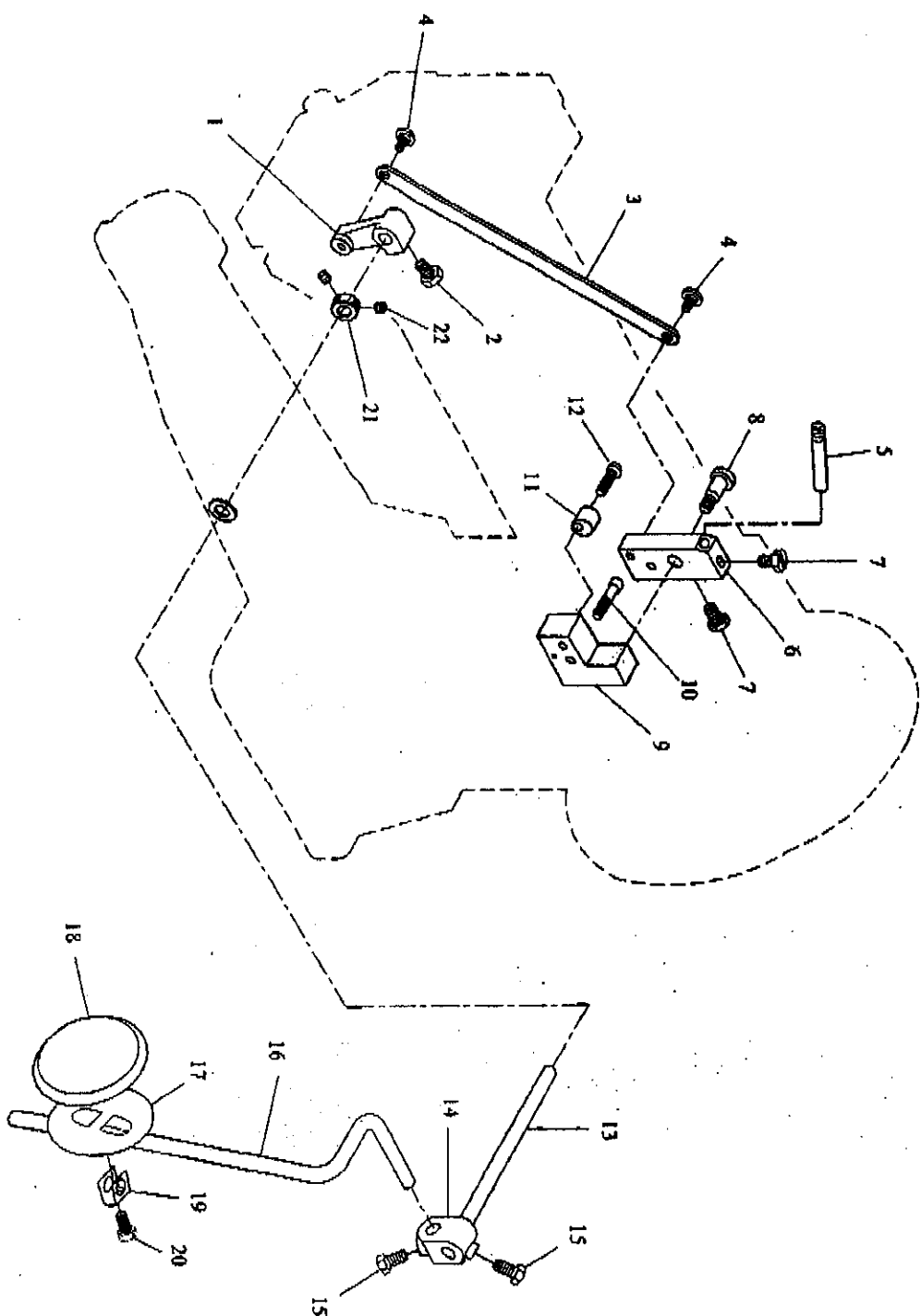
Note(注記)#01 ----- Selective parts 選取部品

F. 2050 撑脚-脚弓两系 (1/2) PRESSURE BAR & KNEE LIFTER COMPONENTS (1/2)



F. 2050 押脚・脚弓関係(1/2)		PRESSURE BAR & KNEE LIFTER COMPONENTS (1/2)			
REF. No	NOTE	零件號碼	零件名稱	Name of Part	件數 備註
		Part No.			QTY Remarks
1		2040157104	支持台(結合)	Bracket Cam	1
2		ZMJ05004	螺絲	Screw M5X0.8*20	1
3		ZMJ05002	螺絲	Screw M5X0.8*12	1
4		WA059006	平墊圈	Washer	2
5		2040150704	押棒偏心軸(結合)	Hand Lifter Cam Com.	1
6		RE000100	E扣環 10	Retaining Rings- E Type 10	1
7		2040150804	押棒提桿(結合)	Hand Lifter Lever Com.	1
8		2040340300	壓棒固定座	Hand Lifter Link	1
9		2040150100	押棒	Presser Bar	1
10		2040150500	押棒提昇器	Presser Bar Lifter	1
11		ZMJ06009	螺絲	Screw M6X1.0*18	1
12		2040340200	壓縮彈簧	Spring	1
13		2040143500	舉升曲臂連桿土台	Lifting Bell Crank Base	1
14		ZMJ06006	螺絲	Screw M6X1.0*23	1
15		2040150200	押棒蓋管	Bushing	1
16		2040143800	外壓脚	Presser Foot	1
17		ZMJ04005	螺絲	Screw M4X0.7*12	1
18		2040152500	保護板	Guard	1
19		ZMJ03010	螺絲	Screw M3X0.5*6	1
20		2040150400	壓縮彈簧	Presser Spring	1
21		2040158900	上蓋	Top Cover	1
22		ZMJ04004	螺絲	Screw M4X0.7*25	1
23		ZML04006	螺帽	Nut M4X0.7	1
24		4710150300	螺絲	Screw	1
25		4710151500	螺帽	Nut	1
26		2040341700	軸	Shaft	1
27		ZMH06023	螺絲	Screw M6X1.0*12	1
28		2040342300	彈簧	Spring	1
29		2040150604	押脚抬高桿	Foot Lifter Lifting Lever	1
30		2040151700	導板	Guide Plate	1
31		ZMJ05003	螺絲	Screw M5X0.8*15	2

F. 2050 押脚、脚弓关系 (2/2) PRESSURE BAR & KNEE LIFTER COMPONENTS (2/2)

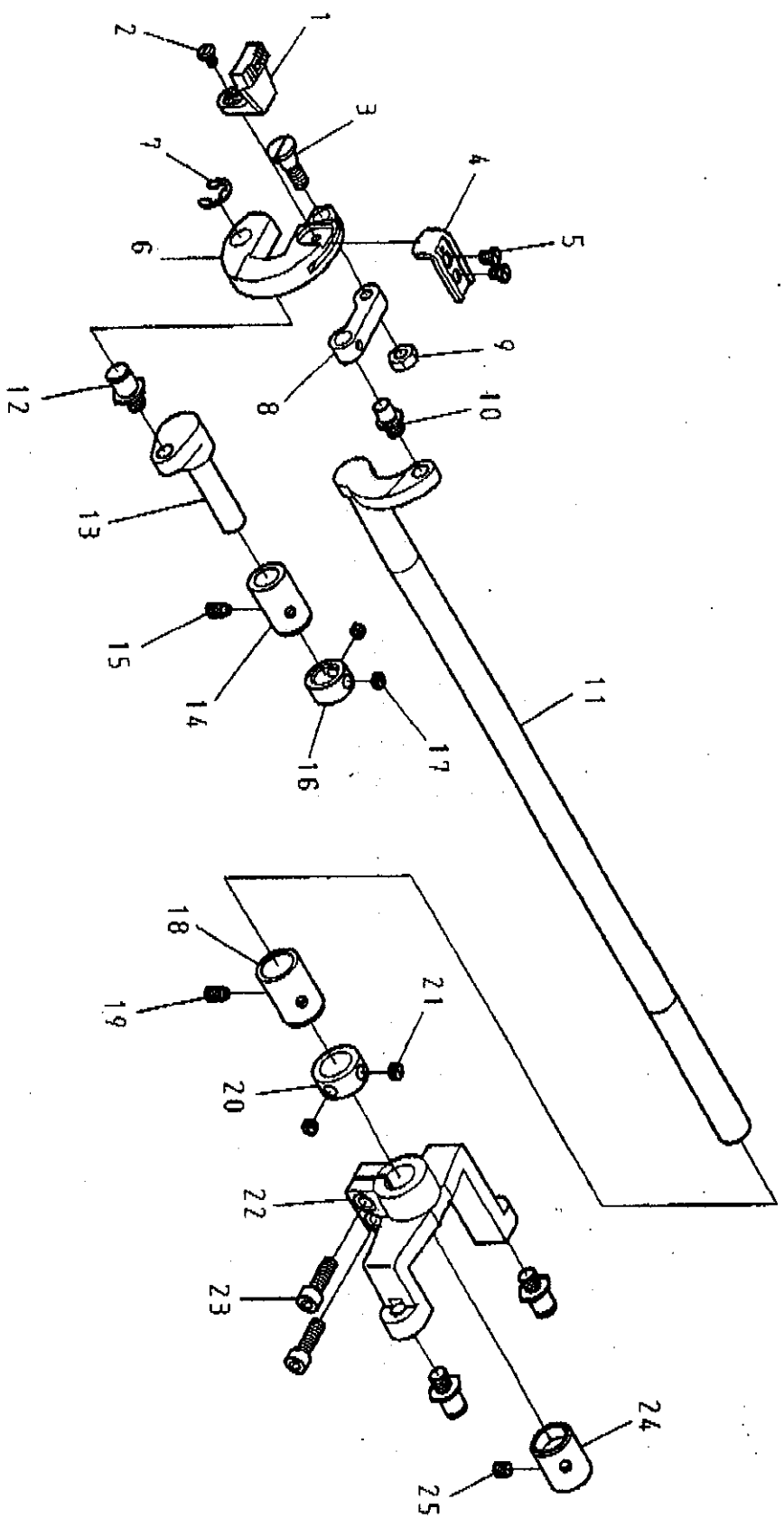


F. 2050 押脚、脚弓闌系 (2/2) PRESSURE BAR & KNEELIFTER COMPONENTS (2/2)

項次 NO	NOTE	零件號碼 Parts No.	零件名稱 Name of Parts	件數 QTY	備註 Remarks
1	# 02	4710341600	連接器	1	
2	# 02	ZSD20007	螺絲	1	
3	# 02	2050343400	連杆	1	
4	# 02	ZSG16013	螺絲	2	
5	# 02	4710340900	連接棒	1	
6	# 02	4710342000	連接器	1	
7	# 02	ZMD08003	螺絲	2	
8	# 02	ZMG08005	螺絲	1	
9	# 02	2050342100	支持蓋	1	
10	# 02	ZMH06007	螺絲	2	
11	# 02	8370341100	固定銷	1	
12	# 02	ZSB16011	螺絲	1	
13	# 02	2050341700	腳押直杆	1	
14	# 02	A7034-0A	連接器	1	
15	# 02	ZSD20007	螺絲	2	
16	# 02	4710341900	腳押曲杆	1	
17	# 02	A7037-1A	腳弓橋支架	1	
18	# 02	A7037-0A	腳弓大餅	1	
19	# 02	A7036-0A	固定支架	1	
20	# 02	ZSD15007	螺絲	1	
21	# 02	LG4014-0A	定環	1	
22	# 02	ZSH16005	螺絲	2	

NOTE (註記) # 02----- OPTIONAL PARTS 特別注文部品

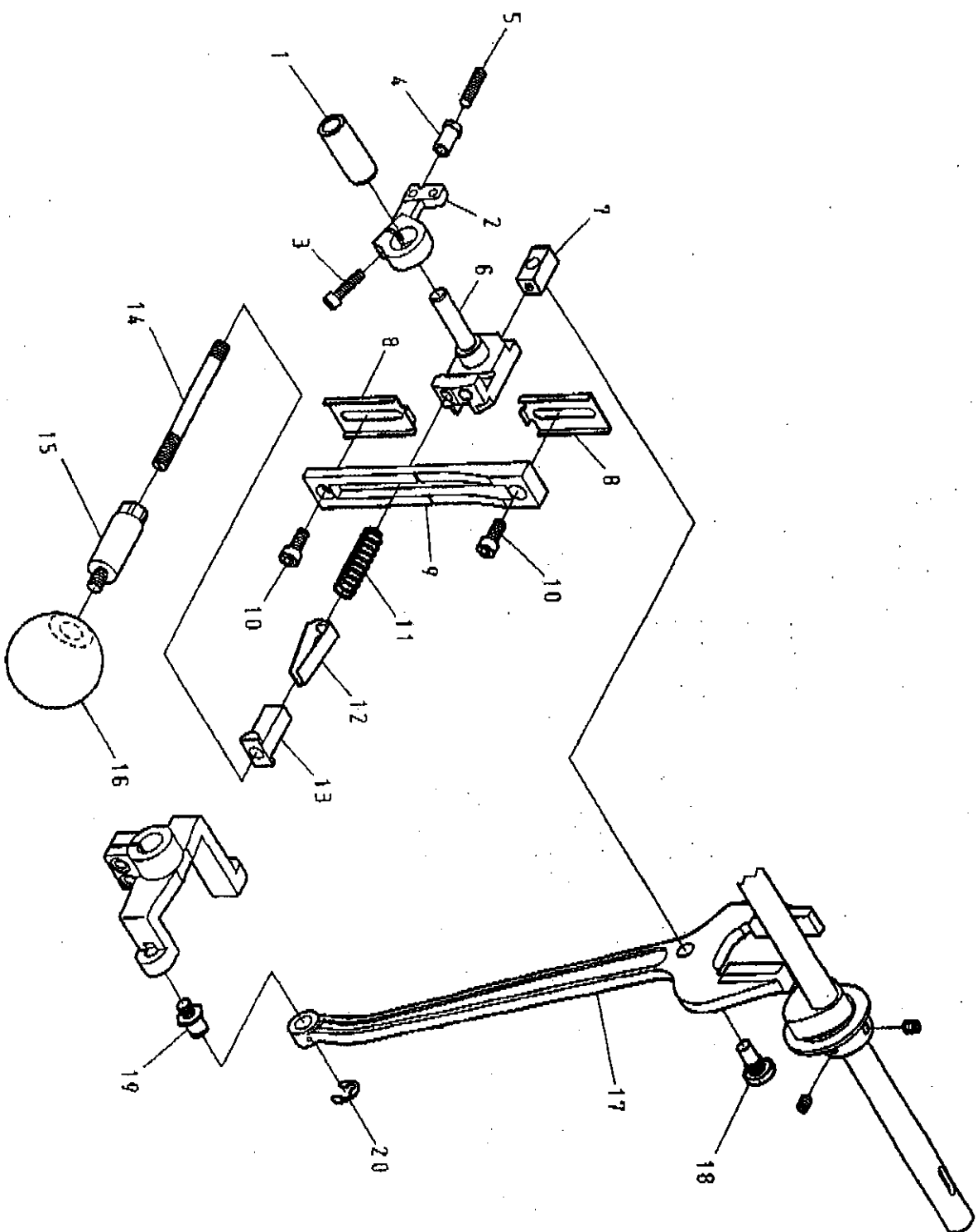
G. 2050 下地送料關係 LOWER FEED MECHANISM COMPONENTS



G. 2050 下部送料關係 LOWER FEED MECHANISM COMPONENTS

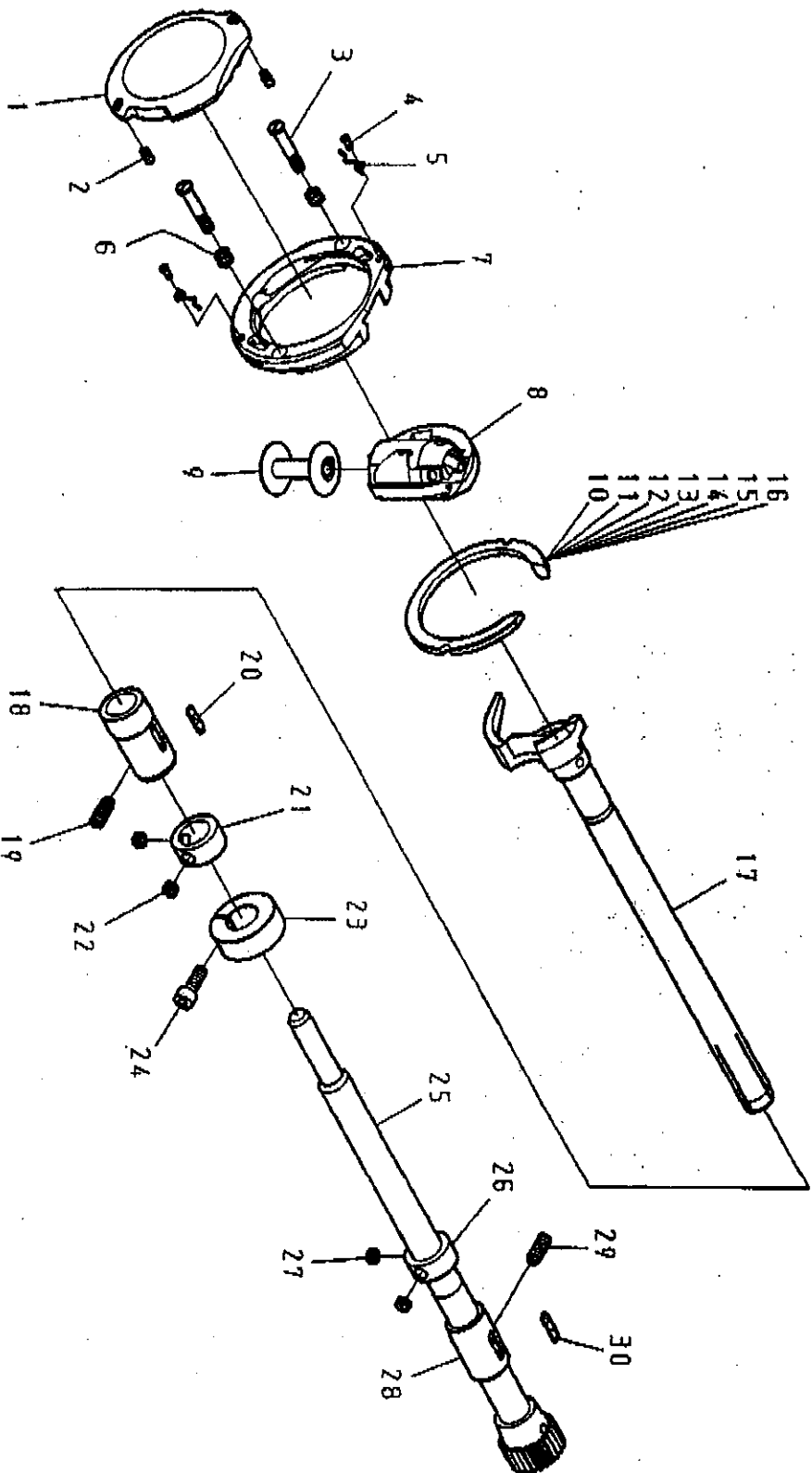
REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			Qty	Remarks
1		4410161400	送料齒	Feed Dog	1	
2		ZSB11041	螺絲	Screw 11/64-40*7	1	
3		ZSG16024	螺絲	Hinge Screw	1	
4		4710162100	送料台押板	Feed Bar Presser	1	
5		ZSB11035	螺絲	Screw 11/64-40*6	2	
6		4710160100	送料台	Feed Bar	1	
7		RE000080	三打環 8	Retaining Rings E Type 8	1	
8		4710160200	送料台連接棒	Feed Bar Link	1	
9		ZSL16004	螺絲	Nut 1/4-24	1	
10		ZSK20007	螺絲	Hinge Screw	1	
11		4710160404	擺動軸	Feed Rocker Shaft	1	
12		ZSK20009	螺絲	Hinge Screw	1	
13		4710160300	上下送料軸	Driving Shaft	1	
14		4710161700	上下送料軸套管	Driving Shaft Metal	1	
15		ZSA15037	螺絲	Screw 15/64-28*10.5	1	
16		LG4014-0A	定環	Thrust Collar	1	
17		ZSA16029	螺絲	Screw 1/4-40*3.5	2	
18		4710160600	擺動軸套管(前)	Bushing, Front	1	
19		ZSA15037	螺絲	Screw 15/64-28*10.5	1	
20		LG4044-0A	定環	Thrust Collar	1	
21		ZSA16029	螺絲	Screw 1/4-40*3.5	2	
22		2050160800	擺動曲軸	Feed Rocker Shaft Crank	1	
23		ZML06004	螺絲	Screw M6X1.0*20	2	
24		4710160700	擺動軸套管(後)	Bushing, Rear	1	
25		ZSA15028	螺絲	Screw 15/64-28*7	1	

H. 2050 縫目調節機構 FEED ADJUSTMENT MECHANISM COMPONENTS



H. 2050 機目調節關係		FEED ADJUSTMENT MECHANISM COMPONENTS			
REF.No	NOTE	零件號碼	零件名稱		
		Part No.	Name of Part		
			件數		
			備註		
			QTY		
			Remarks		
1		2040167900	套管	1	
2		2040162200	送料調節桿	1	
3		ZMJ05004	螺絲	1	
4		ZMR06005	螺帽	1	
5		ZMR106024	螺絲	1	
6		2040161104	送料調節桿 (結合)	1	
7		2040167200	滑塊	1	
8		2040164500	定位板	2	
9		2050161300	刻度板	1	
10		ZMJ06002	螺絲	2	
11		2040162000	彈簧	1	
12		2040161900	簧片	1	
13		2040162100	滑塊	1	
14		2040161800	縫目調節桿	1	
15		2040161200	倒針撞桿	1	
16		4710161800	調節桿權	1	
17		2050160900	連接叉桿	1	
18		ZMB10002	螺絲	1	
19		ZSK20009	螺絲	1	
20		RE600080	E扣環 8	1	
			Rotating Rings- E Type 8		

I. 2050 下軸関係 (1/2) HOOK DRIVE SHAFT COMPONENTS (1/2)



1. REF. No		2050 下軸關係 (1/2)		HOOK DRIVE SHAFT COMPONENTS(1/2)		Name of Part		件數		備註													
NOTE		零件號碼		零件名稱				QTY		Remarks													
1	4710183600	4710184000	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	2040186600	ZM105003	2040180704	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900	
2	4710183600	4710184000	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	2040186600	ZM105003	2040180704	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900	
3	ZSG12047	ZSG06004	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900
4	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
5	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
6	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
7	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
8	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
9	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
10	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
11	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
12	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
13	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
14	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
15	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
16	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
17	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
18	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
19	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
20	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
21	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
22	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
23	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
24	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
25	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
26	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
27	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
28	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
29	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		
30	4710183700	4710183800	4710181400	4710181300	4710183200	4710184200	4710184210	4710184220	4710184230	4710184240	4710184250	4710184260	2050181604	4710180301	ZSA15010	4710183800	LG4044-0A	ZSA18029	4710180500	ZSA15010	4710183900		

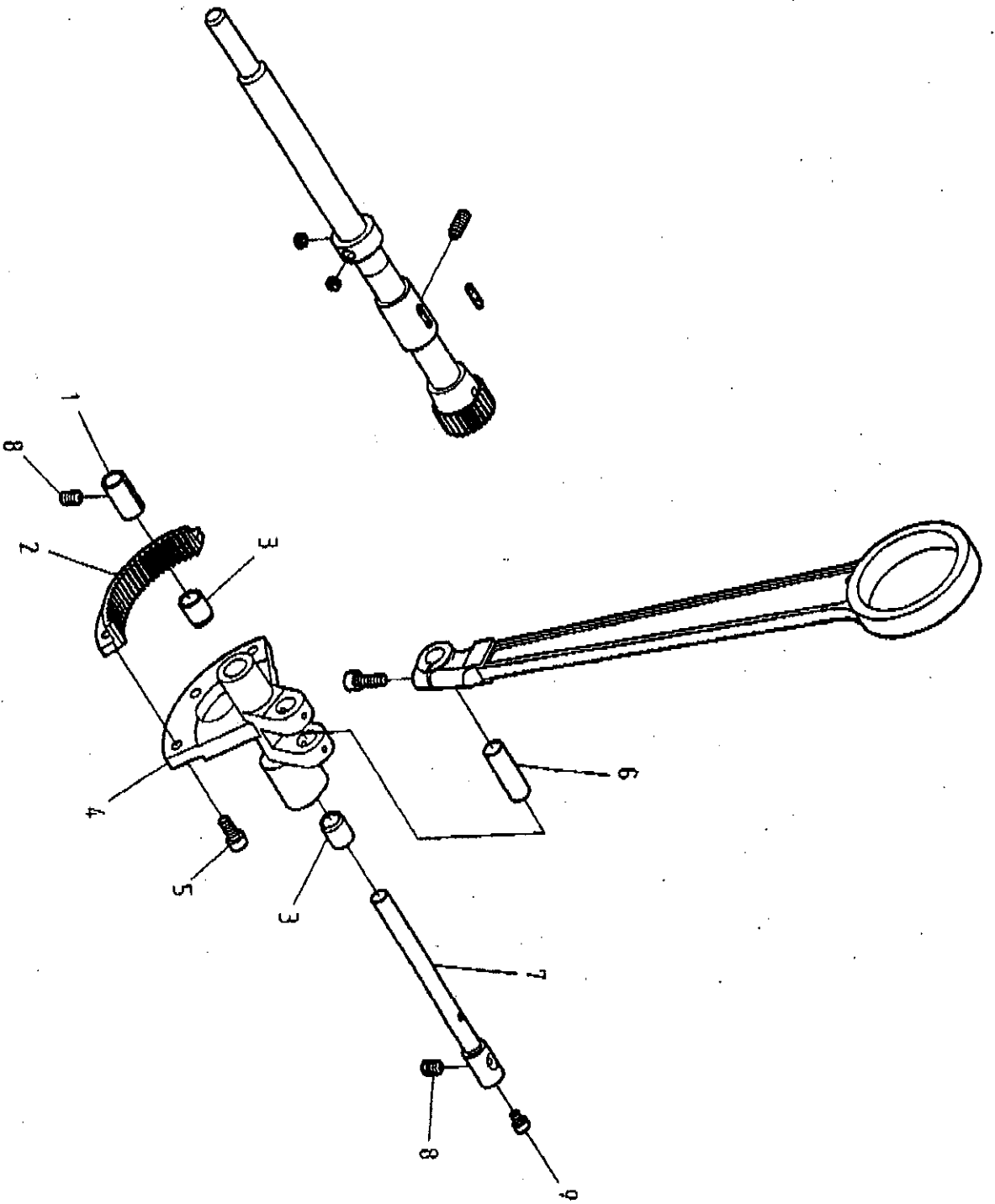
Note (注記) #01

Selective parts 選択部品

I. 2050

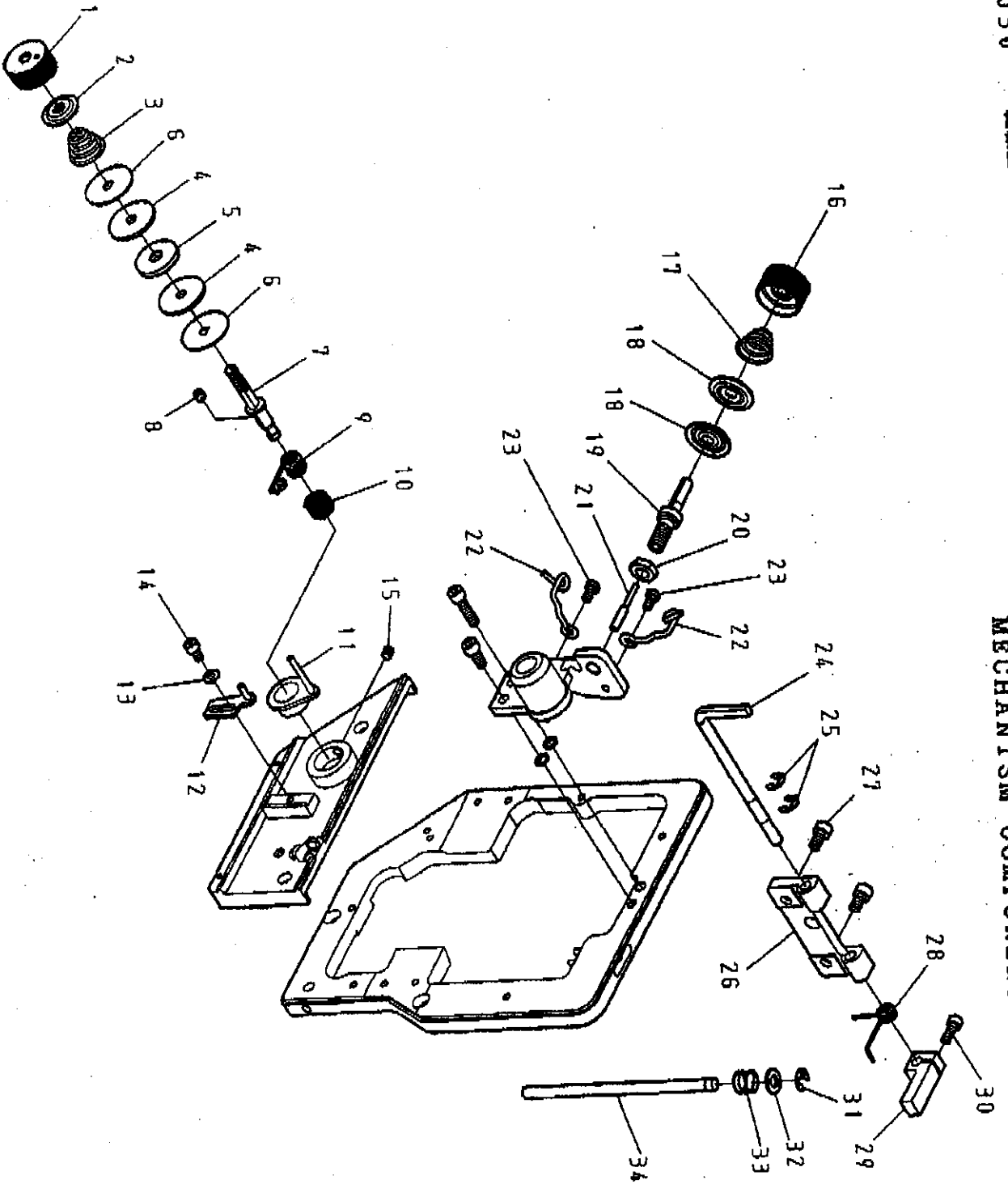
下轴驱动 (2/2)

HOOK DRIVE SHAFT COMPONENTS (2/2)



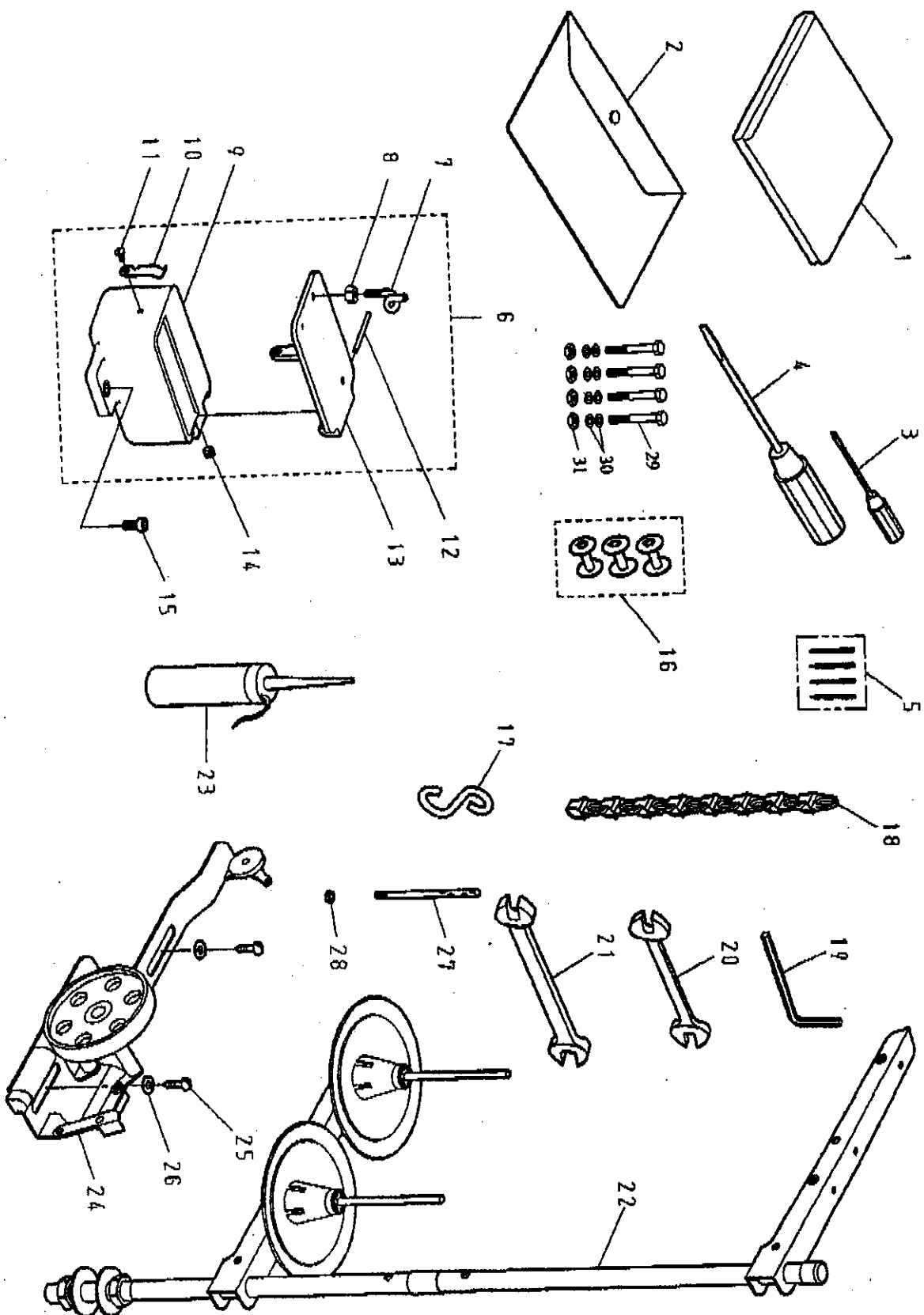
1. 2050 下翻開係 (2/2) HOOK DRIVE SHAFT COMPONENTS(2/2)

REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
1		Part No.				
1		2040182400	套管	Bushing	1	
2		2040182500	齒輪	Rock Gear	1	
3		204018220A	套管	Bushing	2	
4		2040182200	搖動柄	Oscilating Rock Shaft	1	
5		ZMJ05002	螺絲	Screw M5X0.8*12	3	
6		2040183600	銷	Pin	1	
7		2040182300	軸	Shaft	1	
8		ZMH06010	螺絲	Screw M6X1.0*10	2	
9		ZMJ04008	螺絲	Screw M4X0.7*6	1	



J. 2050 總線壓力調節關係 UPPER THREAD TENSION REGULATOR MECHANISM COMPONENTS

REF. No	NOTE	零件號碼	零件名稱	Name of Part	件數	備註
		Part No.			QTY	Remarks
1		2040310300	螺帽	Nut	1	
2		2040315400	線調整壓盤	Tension Regulator Presser Disk	1	
3		2040310400	調整彈簧	Thread Tension Spring	1	
4		2040311300	棉環側盤	Felt Support Plate	2	
5		2040311200	調整總輪	Thread Tension Wheel	1	
6		2040311400	棉環側盤	Felt Support Plate	2	
7		2040311100	調整螺絲桿	Thread Tension Wheel Post	1	
8		ZMH05001	螺絲	Screw M5X0.8*5	1	
9		2040310800	吊線彈簧	Spring A	1	
10		2040310900	吊線彈簧	Spring B	1	
11		2040310504	彈簧座(結合)	Thread Tension Post Bracket Com.	1	
12		2040311004	線轉彈簧調整器(結合)	Spring Support Plate Com.	1	
13		WA049003	平墊圈	Washer	1	
14		ZMJ04001	螺絲	Screw M4X0.7*8	1	
15		ZMH05001	螺絲	Screw M5X0.8*5	1	
16		2040310300	螺帽	Nut	1	
17		2040315800	調整彈簧	Thread Tension Spring	1	
18		A1025-0A	壓線盤	Tension Disk	2	
19		2040310100	調整螺絲桿	Thread Tension Post	1	
20		ZML08004	螺帽	Nut M8X1.25	1	
21		2040312000	螺絲	Tension Releasing Pin	1	
22		2040310600	螺絲	Thread Tension Guide	2	
23		ZMB04011	螺絲	Screw M4X0.7*8	2	
24		2040317100	螺絲導板	Tension Releasing Plate	1	
25		RE000050	E扣環 5	Retaining Rings- E Type 5	2	
26		2040317000	鬆線導座	Tension Releasing Base	1	
27		ZMJ05008	螺絲	Screw M5X0.8*10	2	
28		2040312300	彈簧	Spring	1	
29		2040317500	連桿	Link	1	
30		ZMJ04005	螺絲	Screw M4X0.7*12	1	
31		RE000050	E扣環 5	Retaining Rings- E Type 5	1	
32		WA060035	平墊圈	Washer	1	
33		2040315900	彈簧	Spring	1	
34		2040317200	連接桿	Tension Releasing Bar	1	



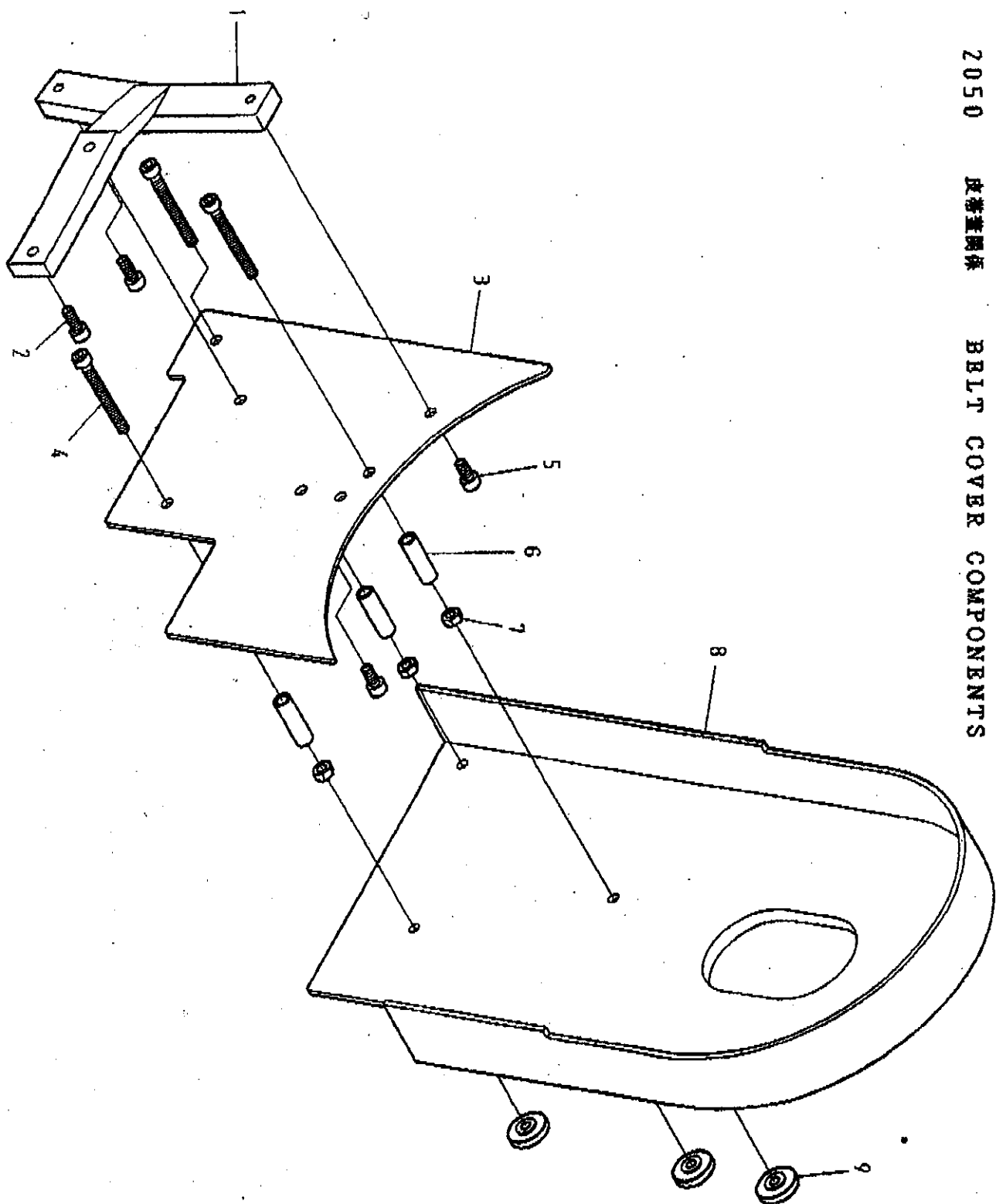
K. 2050 附件關係 ACCESSORIES

頂次 NO	NOTE	零件號碼 Parts No.	零件名稱 Name of Parts	件數 QTY	備註 Remarks
1		4710910900	車頭蓋	1	
2		A7000-0A	工具袋	1	
3		A7010-0A	螺絲起子 (小)	1	
4		A7010-2A	螺絲起子 (大)	1	
5		IN794#200	針	1	
6	#02	2050911005	油壺 (組)	4	
7	#02	4710911200	縫紉內	1	
8	#02	ZSL06001	螺帽	1	
9	#02	2050911000	彈簧板	1	
10	#02	4710911300	螺絲	1	
11	#02	ZSB09047	螺絲	1	
12	#02	4710911400	油蓋蓋	1	
13	#02	4709911100	螺絲	1	
14	#02	ZSA09005	螺絲	1	
15	#02	ZML06003	梭針	1	
16		4710183200	梭針	1	
17		4710340800	S型鉗	3	
18		4710341400	六角型螺絲起子	2	
19		TLA020	開口扳手	1	
20		TRB06x07	開口板手	1	
21		TRB08x10	開口板手	1	
22		J7050-0A	螺絲	1	
23		A7012-1A	螺絲	1	
24		2040320106	油壺 (中)	1	
25		ZMT05001	縫紉器組	1	
26		WA059003	木螺絲	1	
27		4710113400	平墊圈	2	
28		ZSL12003	螺絲	1	
29		ZMD10005	螺絲	1	
30		WA110003	平墊圈	1	
31		ZML10004	螺絲	8	
			NUT (M10x1.5x8.4)	4	

NOTE (附註) #02

OPTIONAL PARTS 特別注文部品

L. 2050 皮革蓋開係 BELT COVER COMPONENTS



L		2050 皮带蓋關係		BELT COVER COMPONENTS		
REF.No	NOTE	零件號碼	零件名稱	Name of Part	件數 QTY	備註 Remarks
		Part No.				
1		2050336000	皮带蓋土台	Belt Cover Base	1	
2		ZMJ06002	螺絲	Screw M6X1.0*15	2	
3		2050335600	皮带蓋支持板	Belt Cover Mounting Plate	1	
4		ZMJ06024	螺絲	Screw M6X1.0*55	3	
5		ZMJ06008	螺絲	Screw M6X1.0*12	2	
6		2050335300	皮带蓋固定管	Belt Cover Stud	3	
7		ZMJ06001	螺帽	Nut M6X1.0	3	
8		2050335100	皮带蓋 A	Belt Cover A	1	
9		ZMR06007	螺帽	Nut M6 x 1.0	3	

M. 2050 零件號碼與頁數對照表(1/3)				NUMERICAL PARTS-LIST (1/3)			
零件號碼	頁數	零件號碼	頁數	零件號碼	頁數	零件號碼	頁數
Part No.	PAGE	Part No.	PAGE	Part No.	PAGE	Part No.	PAGE
2040317200	25-34	204011100C	3-9	2040150100	13-9	2040190220	7-10
2050160800	17-22	2040111100	3-20	2040150200	13-15	2040190230	7-11
2050911000	27-9	2040111200	3-16	2040150400	13-20	2040190240	7-12
2050911005	27-6	20401113100	3-30	2040150500	13-10	2040190250	7-13
4410161400	17-1	2040120104	5-2	2040150604	13-29	2040190260	7-14
4710111100	3-38	2040120200	5-4	2040150704	13-5	2040190270	7-15
4710160100	17-6	2040120400	5-17	2040150804	13-7	2040190300	7-16
4710160200	17-8	2040121000	7-19	2040151000	11-32	2040192100	7-6
4710160300	17-13	2040121300	5-1	2040151100	11-24	2040192300	7-4
4710160404	17-11	2040122000	5-5	2040151700	13-30	2040270100	9-16
4710160600	17-18	2040122300	5-20	2040152500	13-18	2040270200	9-17
4710160700	17-24	2040140100	7-22	2040157104	13-1	2040270400	3-36
4710161700	17-14	2040140900	7-20	2040159900	13-21	2040271300	9-28
4710162100	17-4	2040141704	11-30	2040161104	19-6	2040310100	25-19
4710180301	21-18	2040141900	9-11	2040161200	19-15	2040310300	25-1
4710180500	21-28	2040142304	9-4	2040161800	19-14	2040310300	25-16
4710181400	21-7	2040142500	11-21	2040161900	19-12	2040310400	25-3
4710183600	21-1	2040142700	11-3	2040162000	19-11	2040310504	25-11
4710183700	21-5	2040142900	11-23	2040162100	19-13	2040310600	25-22
4710183800	21-6	2040143100	9-1	2040162200	19-2	2040310800	25-9
4710183900	21-20	2040143300	11-31	2040164500	19-8	2040310900	25-10
4710183900	21-30	2040143500	13-13	2040167200	19-7	2040311004	25-12
4710184000	21-2	2040143600	11-34	2040167900	19-1	2040311100	25-7
4710184200	21-10	2040143700	11-28	2040180704	21-25	2040311200	25-5
4710184210	21-11	2040143800	13-16	2040181800	5-10	2040311300	25-4
4710184220	21-12	2040144000	5-18	2040181900	5-12	2040311400	25-6
4710184230	21-13	2040144600	11-6	2040182004	5-8	2040312000	25-21
4710184240	21-14	2040144704	11-11	204018200B	5-16	2040312300	25-28
4710184250	21-15	2040145410	11-14	2040182200	23-4	2040315400	25-2
4710184260	21-16	2040145420	11-15	204018220A	23-3	2040315800	25-17
4710811100	27-13	2040145430	11-16	2040182300	23-7	2040315900	25-33
4710911200	27-7	2040145440	11-17	2040182400	23-1	2040317000	25-26
4710911300	27-10	2040145450	11-18	2040182500	23-2	2040317100	25-24
4710911400	27-12	2040145460	11-19	2040183000	23-5	2040317500	25-29
2040110604	11-26	2040145470	11-20	2040186600	21-23	2040320105	27-24
2040110900	3-3	2040148000	11-4	2040190104	7-7	2040335800	3-28
2040111000	3-1	2040148000	11-35	2040190210	7-9	2040340200	13-12

M. 2050 零件號碼與頁數對照表(2/3) NUMERICAL PARTS-LIST (2/3)

零件號碼 Part No.	頁數 PAGE	零件號碼 Part No.	頁數 PAGE	零件號碼 Part No.	頁數 PAGE	零件號碼 Part No.	頁數 PAGE
2040340300	13-8	8370341100	15-11	WA040026	5-15	ZMG08005	15-8
2040341700	13-26	A1025-0A	25-18	WAD49003	3-23	ZMH04017	7-24
2040342300	13-28	A1077-0A	3-15	WA049003	25-13	ZMH05001	7-2
2040350200	3-18	A7000-0A	27-2	WA059003	27-26	ZMH05001	11-10
2040351504	3-25	A7010-0A	27-3	WA059006	13-4	ZMH05001	25-8
2040351900	3-5	A7010-2A	27-4	WA060035	25-32	ZMH05001	25-15
2040352900	9-24	A7012-1A	27-23	WA06008	9-5	ZMH05002	9-29
2040353604	3-34	A7034-0A	15-14	WA080007	11-2	ZMH05003	11-29
2040353804	9-23	A7036-0A	15-19	WA080022	7-17	ZMH05006	9-21
2050160900	19-17	A7037-0A	15-18	WA089004	5-21	ZMH06003	5-6
2050161300	19-9	A7037-1A	15-17	WCD49001	3-40	ZMH06003	7-5
2050181604	21-17	BNHK0910B	7-3	WH216002	5-3	ZMH06008	3-37
2050271100	9-14	BNHK4512	5-9	XA200150	3-35	ZMH06010	23-8
2050335100	29-8	IN794#200	7-23	XA200160	3-41	ZMH06016	9-18
2050335300	29-6	IN794#200	27-5	XA200280	3-33	ZMH06023	13-27
2050335600	29-3	J7050-0A	27-22	XA200300	9-19	ZMH06024	19-5
2050336000	29-1	KCD305520	5-7	XA200360	11-39	ZMH08002	5-24
2050341700	15-13	LG4014-0A	17-16	XA200400	3-27	ZMJ03001	3-7
2050342100	15-9	LG4043-0A	9-7	XA300460	9-27	ZMJ03010	3-6
2050343400	15-3	LG4044-0A	17-20	XB130001	3-19	ZMJ03010	13-19
4410111300	3-11	LG4044-0A	21-21	XB215001	3-24	ZMJ04001	25-14
4410142400	9-9	LG4044-0A	21-26	XB400063	3-8	ZMJ04002	11-33
4710111600	3-14	RED00040	9-30	XP300045	9-22	ZMJ04003	3-2
4710113400	27-27	RED00040	11-36	XP300055	9-26	ZMJ04003	11-22
4710150300	13-24	RED00050	25-25	XP300100	11-38	ZMJ04004	13-22
4710151500	13-25	RED00050	25-31	XP300200	3-26	ZMJ04005	3-4
4710161600	19-16	RED00070	9-2	YD040014A	3-32	ZMJ04005	11-25
4710181300	21-8	REC000080	9-15	ZME04011	25-23	ZMJ04005	13-17
4710183200	21-9	REC000080	17-7	ZME04013	3-29	ZMJ04005	25-30
4710340800	27-16	REC000080	19-20	ZME04016	3-22	ZMJ04008	5-11
4710340900	27-17	RED00100	13-6	ZME05004	3-17	ZMJ04008	9-25
4710341400	15-5	TC09008200	7-1	ZME05004	3-21	ZMJ04008	23-9
4710341600	15-1	TC09508200	9-20	ZMB06020	5-13	ZMJ04020	3-10
4710341900	15-16	TLA020	11-9	ZMB08005	11-5	ZMJ05002	11-27
4710342000	15-6	TRB06 x 07	27-19	ZMB08005	11-37	ZMJ05002	13-3
4710910900	27-1	TRB08 x 10	27-20	ZMB10002	19-18	ZMJ05002	23-5
			27-21	ZMD08003	15-7	ZMJ05003	5-23

M. 2050 零件號碼與頁數對照表(3/3) NUMERICAL PARTS-LIST (3/3)

零件號碼 Part No.	頁數 PAGE	零件號碼 Part No.	頁數 PAGE	零件號碼 Part No.	頁數 PAGE	零件號碼 Part No.	頁數 PAGE
ZMJ05003	7-21	ZSA15037	17-15				
ZMJ05003	13-31	ZSA15037	17-19				
ZMJ05003	21-24	ZSA16010	9-8				
ZMJ05004	13-2	ZSA16020	11-8				
ZMJ05004	19-3	ZSA16029	17-17				
ZMJ05008	25-27	ZSA16029	17-21				
ZMJ05017	7-8	ZSA16029	21-22				
ZMJ06001	3-31	ZSA16029	21-27				
ZMJ06002	19-10	ZSB09047	3-39				
ZMJ06002	29-2	ZSB09047	27-11				
ZMJ06003	27-15	ZSB11018	3-13				
ZMJ06004	17-23	ZSB11035	17-5				
ZMJ06006	13-14	ZSB11041	17-2				
ZMJ06007	15-10	ZSB12045	3-12				
ZMJ06008	29-5	ZSB16011	15-12				
ZMJ06009	5-19	ZSD15007	15-20				
ZMJ06009	13-11	ZSD20007	15-2				
ZMJ06024	29-4	ZSD20007	15-15				
ZMJ08003	5-22	ZSD20009	9-10				
ZMJ08006	11-1	ZSD20009	11-7				
ZMJ08011	5-14	ZSD20011	9-12				
ZMK06025	9-3	ZSG06004	21-4				
ZMK08016	9-13	ZSG12047	21-3				
ZMK08017	11-13	ZSG16013	15-4				
ZMLD4006	13-23	ZSG16024	17-3				
ZMLD6001	9-6	ZSK20007	17-10				
ZMLD6001	29-7	ZSK20009	9-31				
ZMLD8004	7-18	ZSK20009	17-12				
ZMLD8004	11-12	ZSK20009	19-19				
ZMLD8004	25-20	ZSL06001	27-8				
ZMR06005	19-4	ZSL12003	27-28				
ZMR06007	29-9	ZSL16004	17-9				
ZMT05001	27-25						
ZSA09005	27-14						
ZSA15010	21-19						
ZSA15010	21-29						
ZSA15028	17-25						