

SIRUBA®

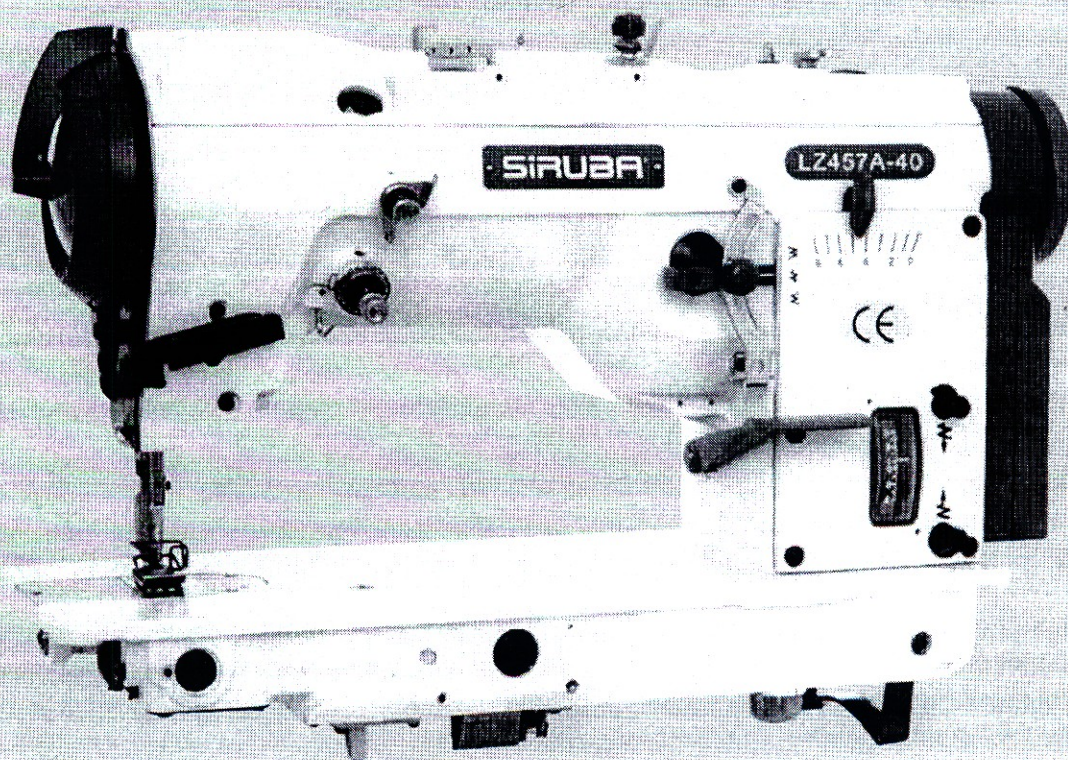
銀箭牌工業用縫紉機

INDUSTRIAL SEWING MACHINE

LZ457A

使用說明與零件圖

INSTRUCTION AND PARTS LIST



 - ORIGINAL

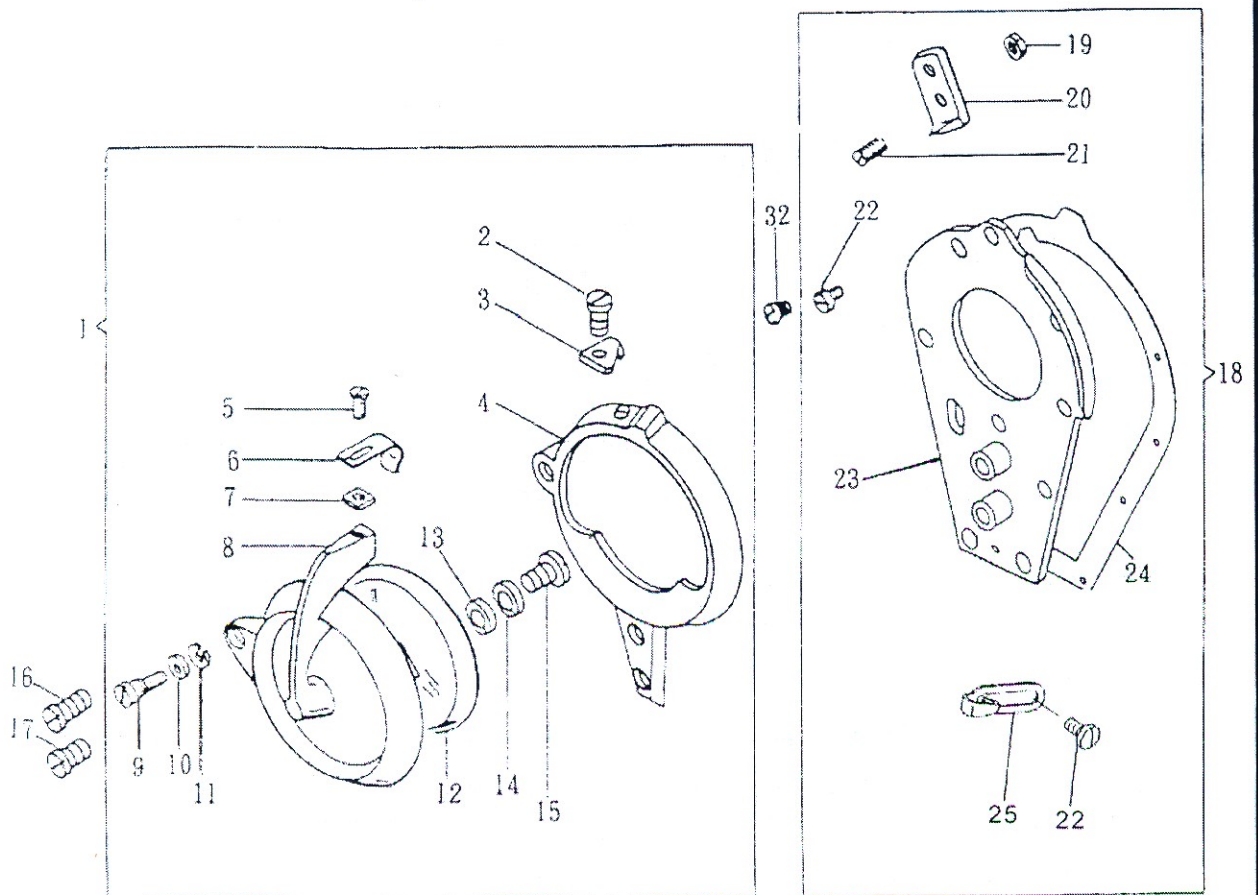


高林股份有限公司
KAULIN MFG. CO., LTD.

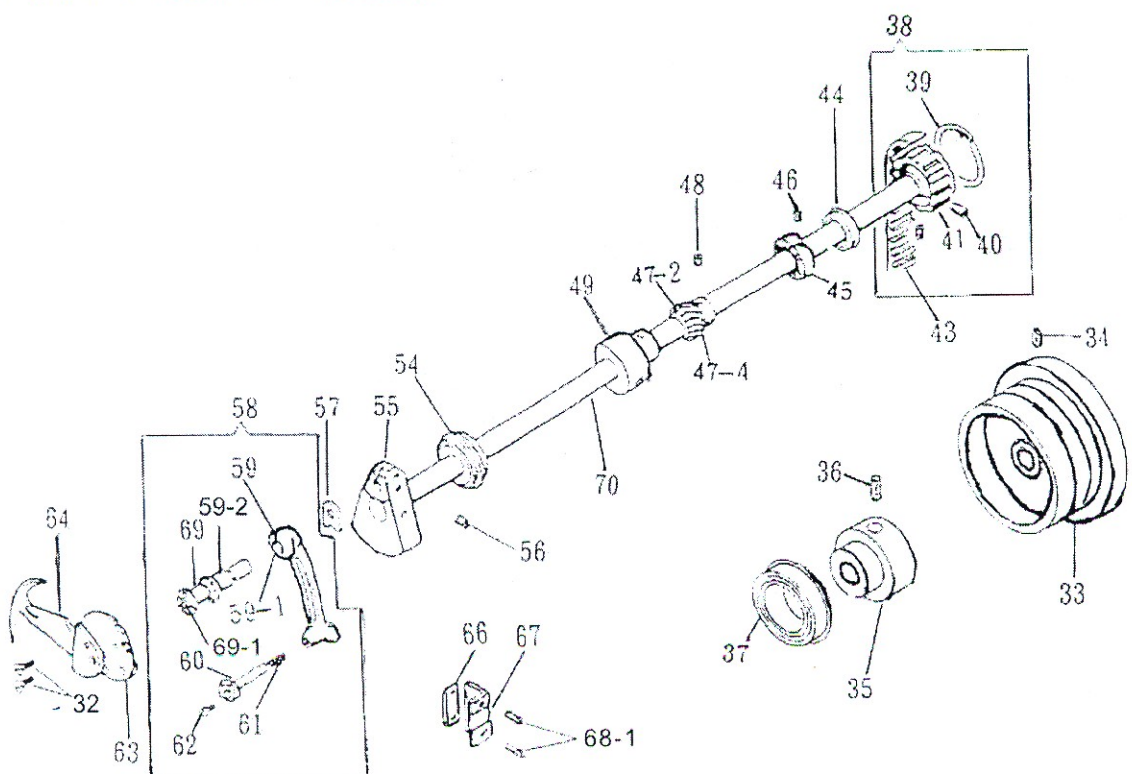
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ROTARY TAKE-UP GUARD, FACE PLATE

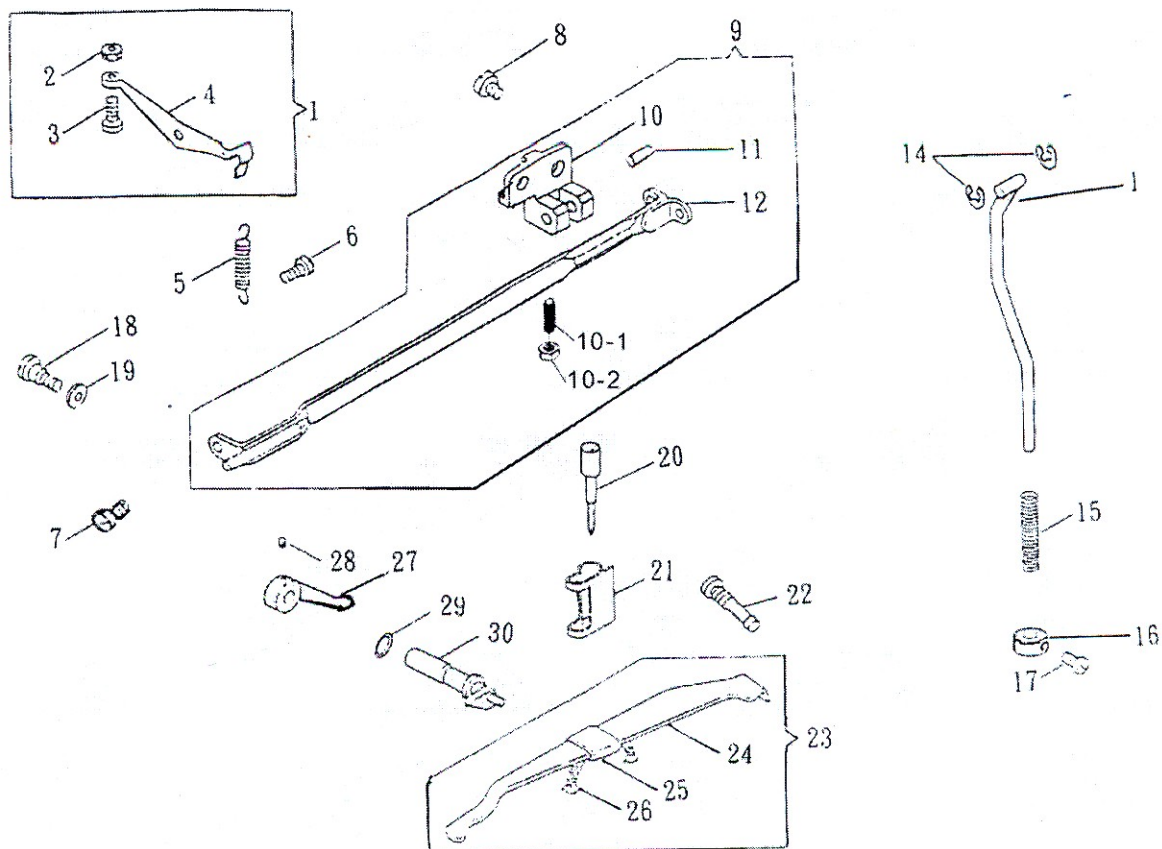


ARM SHAFT, ROTARY TAKE-UP

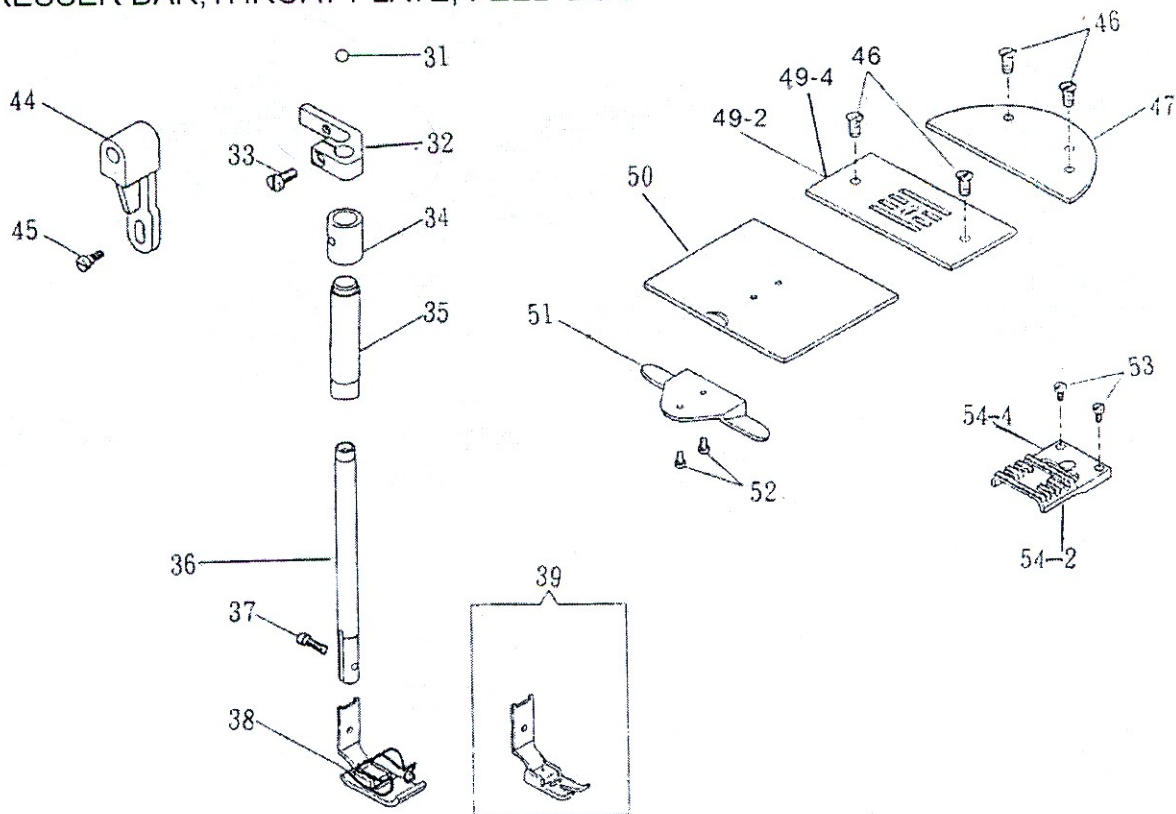


REF. NO. 零件編號	DESCRIPTION 說明	QTY. 需求量
F1-01	ROTARY TAKE-UP GUARD (CPL.) 活動護蓋組	1
F1-02P	THREAD CUTTER CREW 螺釘	1
F1-03	THREAD CUTTER 割線刀	1
F1-04	ROTARY TAKE-UP GUARD (A) 活動蓋(A)	1
F1-05P	ROTART TAKE-UP SCREW 螺釘	1
F1-06	ROTART TAKE-UP GUARD SPRING CATCH 彈簧勾	1
F1-07	WASHER 墊片	1
F1-08	ROTARY TAKE-UP GUARD COVER (B) 活動蓋(B)	1
F1-09P	ROTARU TAKE-UP SCREW 螺釘	1
F1-10	ROTARY TAKE-UP GUARD HINGE WASHER 墊圈	2
F1-11	ROTART TAKE-UP GUARD HINGE SPRING WASHER C 墊圈接	1
F1-12	ROTARY TAKE-UP GUARD COVER WINDOW 護窗	1
F1-13	TOTARY TAKE-UP WASHER 墊圈	1
F1-14	TOTARY TAKE-UP WASHER 墊圈	1
F1-15P	TOTARY TAKE-UP SCREW 螺釘	1
F1-16P	TOTARY TAKE-UP GUARD SCREW (LONG) 螺釘	1
F1-17P	TOTARY TAKE-UP GUARD SCREW (SHORT) 螺釘	1
F1-18	FACE PLATE (CPL.) 前蓋板組	1
F1-19W	THREAD CUTTER SCREW NUT 螺母	1
F1-20	THREAD CUTTER (ON FACE PLATE) 割線刀	1
F1-21P	THREAD CUTTER SCREW 螺釘	2
F1-22P	THERAD CUTTER SCREW 螺釘	2
F1-23	FACE PLATE GASKET 前蓋板	1
F1-24	FACE PLATE GASKET 防油墊片	1
F1-25	TAKE-UP THREAD GUIDE 挑線導片	1
F1-32P	FACE PLATE SCREW 螺釘	12
F1-33	MACHINE PULLEY 皮帶輪	1
F1-34P	MACHINE PULLEY SCREW 螺釘	2
F1-35	BEARING FIXED STAND 軸承固定座	1
F1-36P	ARM SHAFT THRUST CALLAR SET SCREW 螺釘	2
F1-37	ARM SHAFT BEARING 軸承(後)	1
F1-38	ARM SHAFT CONNECTION BELT PULLEY(CPL.) 同步皮帶輪組	1
F1-39	ARM SHAFT CONNECTION BELT PULLEY RING O 環	2
F1-40P	ARM SHAFT CONNECTION BELT PULLEY SET SCREW 螺釘	1
F1-41	ARM SHAFT CONNECTION BELT PULLEY 同步皮帶輪	1
F1-43	ARM SHAFT CONNECTION BELT 同步皮帶	1
F1-44	ARM SHAET OIL SHIELD 橡膠油封	1
F1-45	BOBBIN WINDER DRIVING WHEEL 摩擦盤	1
F1-46P	BOBBIN WINDER DRIVING WHEEL SET SCREW 螺釘	2
F1-47-2	NEEDLE VIBRATING PINION (2) 蝸輪(2)	1
F1-47-4	NEEDLE VIBRATING PINION (4) 蝸輪(4)	1
F1-48P	NEEDLE VIBRATING PINION SET SCREW 螺釘	6
F1-49	ARM SHAFT BUSHING (CENTER) 上軸套(中)	1
F1-54	ARM SHAFT BALLBEARING 軸承(前)	1
F1-55	ARM SHAFT NEEDLE BAR CRANK 下曲柄	1
F1-56P	NEEDLE BAR CRANK STUD POSITION SCREW 螺釘	4
F1-57	NEEDLE BAR CRANK THRUST WASHER 定向墊片	1
F1-58	NEEDLE BAR CONNECTING CONNECTING LINK (CPL.) 針杆連動組	1
F1-59	NEEDLE BAR CONNECTING LINK 針杆連動桿	1
F1-59-1	NEEDLE BAR CONNECTING LINK BEARING 套筒	1
F1-59-2	NEEDLE DRIVING LEVER BEARING 針驅動桿軸承	1
F1-60	NEEDLE BAR CONNECTING STUD 針杆夾	1
F1-61	NEEDLE BAR OIL FELT CORD 油繩	1
F1-62P	NEEDLE BAR CONNECTING STUD SCREW 螺釘	1
F1-63	ROTARY TAKE-UP MOUNTUING DISK 旋轉重司片	1
F1-64	ROTARY TAKE-UP 旋轉	1
F1-66	ENNDLE BAR CONNECTING LINK CLAMPING PLATE 固定片	1
F1-67	NEEDLE BAR CONNECTING LINK GUID BLOCK 導塊	1
F1-68P	NEEDLE BAR CONNECTING LINK GUID BLOCK SCREW 螺釘	2
F1-68-1P	SCREW 螺釘	2
F1-69	NEEDLE BAR CONNECTING CRANK STUD 傳動曲柄	1
F1-69-1	PIN 針	1
F1-70	ARM SHAFT, ROTARY TAKE-UP 上主軸	1

TENSION RELEASER, KNEE LIFTER ROCK FRAME



PRESSER BAR, THROAT PLATE, FEED DOG



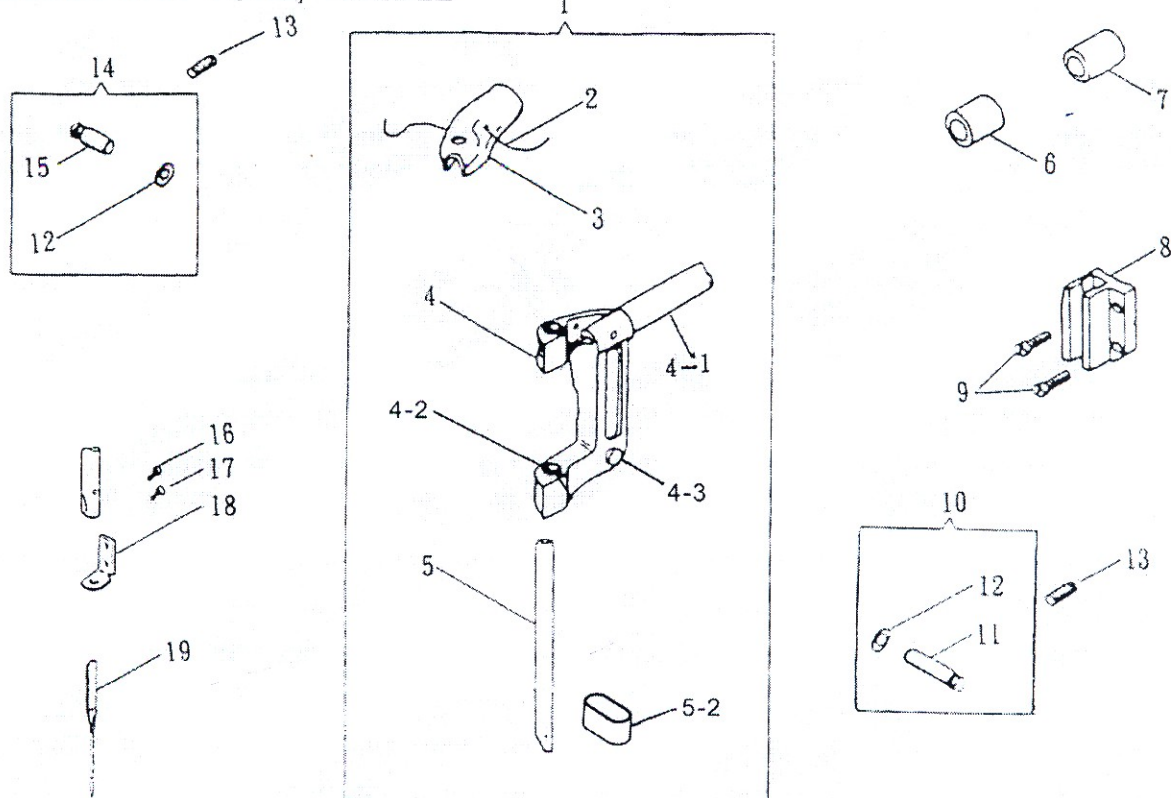
UPPER SHAFT MACHANISM

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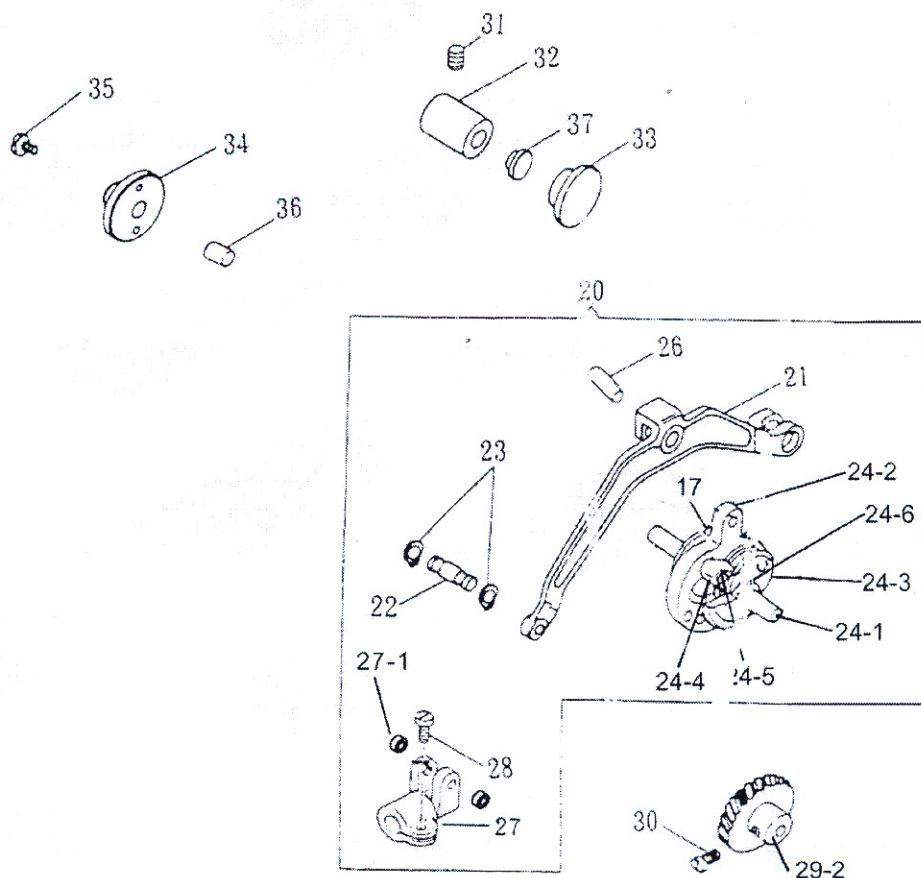
UPPER SHAFT MACHANISM

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NEEDLE BAR YOKE, NEEDLE



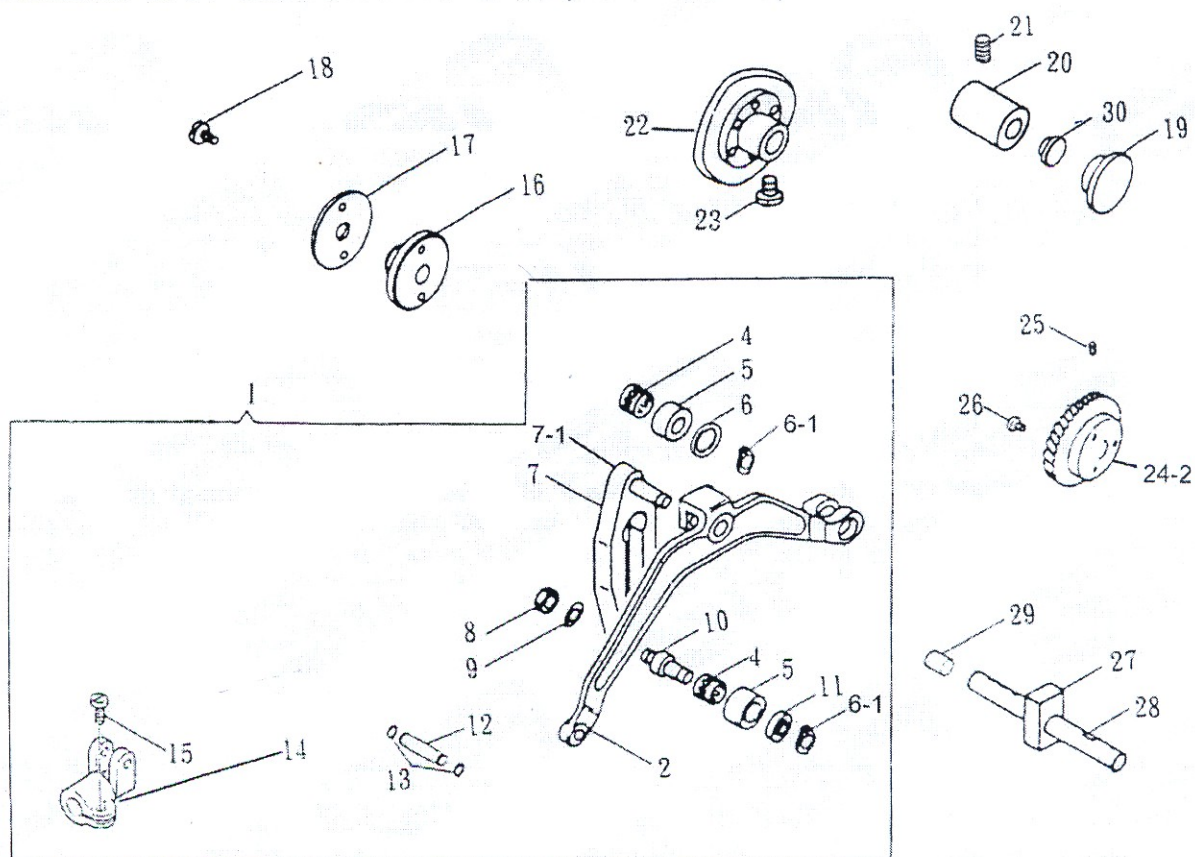
NEEDLE BAR CONNECTING LINK (FOR 105/125)



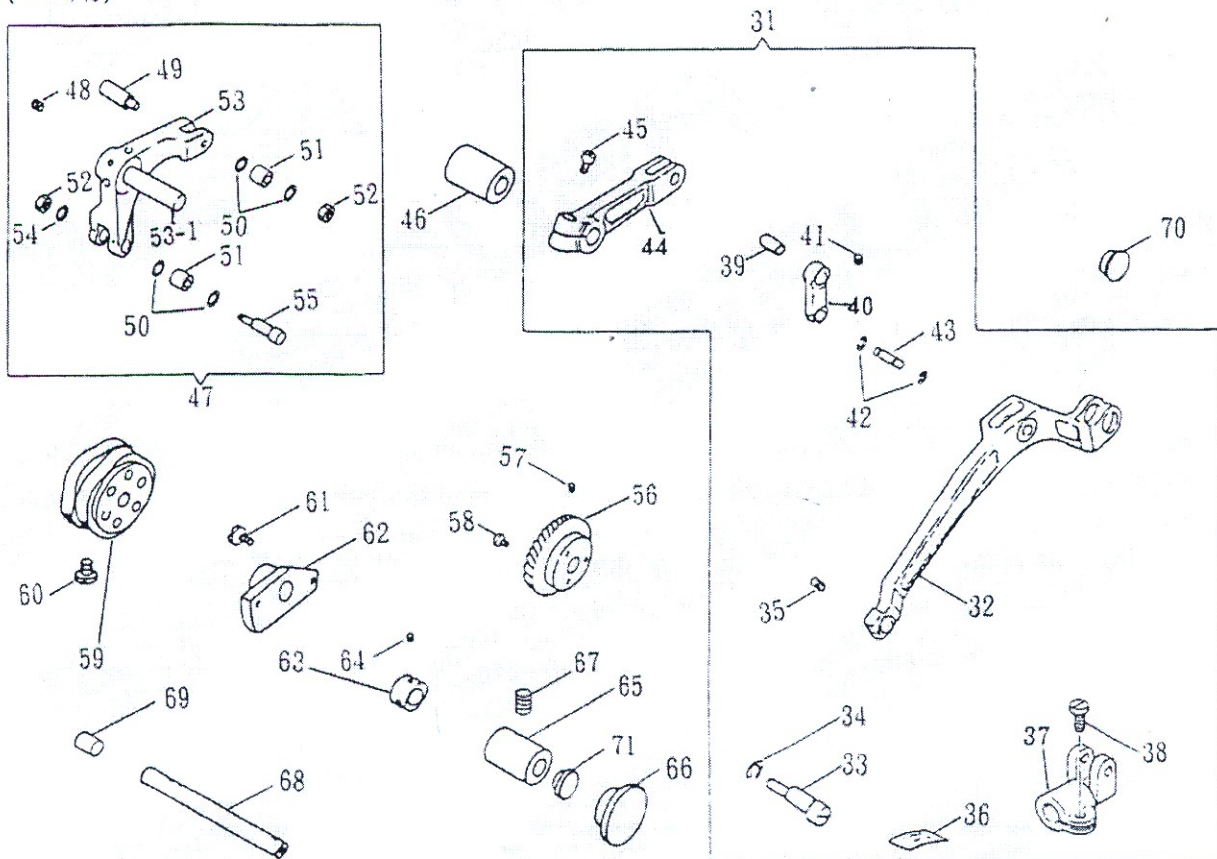
NEEDLE BAR MECHANISM-FEED MECHANISM

REF. NO.	部件編號	DESCRIPTION 說明	QTY. 需求量
F3-01		NEEDLE BAR YOKE (ASSY) 針杆組	1
F3-02		NEEDLE BAR OIL FELT CORD 固定線	2
F3-03		NEEDLE BAR OIL FELT 油棒	1
F3-04		NEEDLE BAR YOKE 針杆台	1
F3-04-1		NEEDLE BAR BUSHING 針杆套筒	2
F3-04-2		FIXED BLOCK 針杆套筒	2
F3-04-3		NEEDLE BAR SHAFT BUSHING 固定塊	1
F3-05		NEEDLE GOOD FRAME 針杆	1
F3-05-2 *		NEEDLE BAR 針杆桿	1
F3-06		NEEDLE BAR YOKE SHAFT BUSHING (FRONT) 滑軸套筒(前)	1
F3-07		NEEDLE BAR YOKE SHAFT BUSHING (BACK) 滑軸套筒(後)	1
F3-08		NEEDLE BAR CONNECTING STUD GUIDE BLOCK 針杆行程導塊	2
F3-09P		NEEDLE BAR CONNECTING STUD GUIDE BLOCK SCREW 螺釘	1
F3-10		NEEDLE BAR YOKE GUIDE (FRONT) (CPL.) 頂輪組	1
F3-11		NEEDLE BAR YOKE GUIDE (FRONT) 頂輪(具)	2
F3-12		NEEDLE BAR YOKE GUIDE SEAL 橡膠圈	2
F3-13P		NEEDLE BAR YOKE GUIDE SET SCREW 螺釘	1
F3-14		NEEDLE BAR YOKE GUIDE (REAR) (CPL.) 頂輪組	1
F3-15		NEEDLE BAR YOKEGUIDE (REAR) 頂輪(具)	1
F3-16P		NEEDLE BAR THREAD GUIDE SCREW 螺釘	1
F3-17P		NEEDLE SET SCREW 螺釘	1
F3-18		NEEDLE BAR THREAD GUIDE 鎖緊片	1
F3-19		NEEDLE #10 針	1
F3-20		NEEDLE BAR CONN. LINK (CPL.) 移位推柄組	1
F3-21		NEEDLE BAR CONN. LINK 移位推柄	1
F3-22		NEEDLE BAR CONN. LINK HINGE STUD 軸栓	2
F3-23		NEEDLE BAR CONN. LINK HINGE STUD SNAP RING E型扣環	1
F3-24-1		HOO K SHAF T 固定軸心	1
F3-24-2		SWINGING SLIDE 擺動滑板	2
F3-24-3		ECCENTRIC 偏心塊	2
F3-24-4 *		ECCENTRIC FERRULE 偏心的環圈	1
F3-24-5		HOO K SHAF T 固定軸心	2
F3-24-6		PIN 固定銷	1
F3-26		NEEDLE BAR CONN. LINK STUD 軸栓	1
F3-27		NEEDLE BAR CONN. LINK HINGE BEARING 連結套	2
F3-27-1		BUSHING 套筒(銅)	1
F3-28P		NEEDLE BAR CONN. LINK HINGE BEARING SCREW 螺釘	1
F3-29-2		NEEDLE VIBRATING ECC. SHAFT GEAR 齒輪	2
F3-30P		NEEDLE VIBRATING ECC. SHAFT GEAR SET SCREW 螺釘	1
F3-31P		NEEDLE VIBRATING CAM SHAFT BUSHING (FRONT) 軸套	1
F3-32		NEEDLE VIBRATING CAM SHAFT BUSHING CAP 橡膠套	1
F3-33		NEEDLE VIBRATING CAM SHAFT BUSHING (BACK) 夾入軸套	1
F3-34		NEEDLE VIBRATING CAM SHAFT BUSHING SCREW 螺釘	2
F3-35P		NEEDLE VIBRATING CAM SHAFT OIL HOLE PLUG 橡膠塞	1
F3-36		NEEDLE VIBRATING CAM SHAFT BUSHING PLUG 橡膠塞	1
F3-37			

NEEDLE BAR CONNECTING LINK (FOR 135/140)



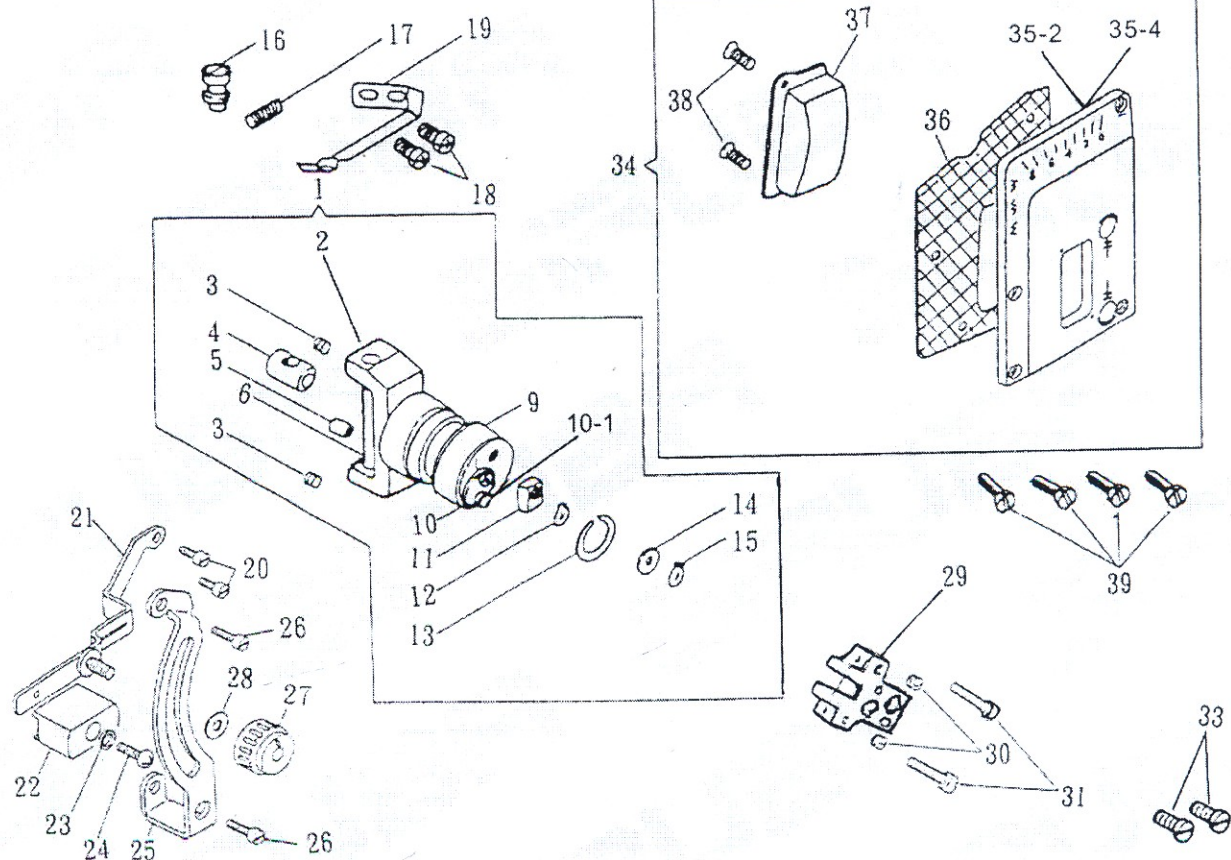
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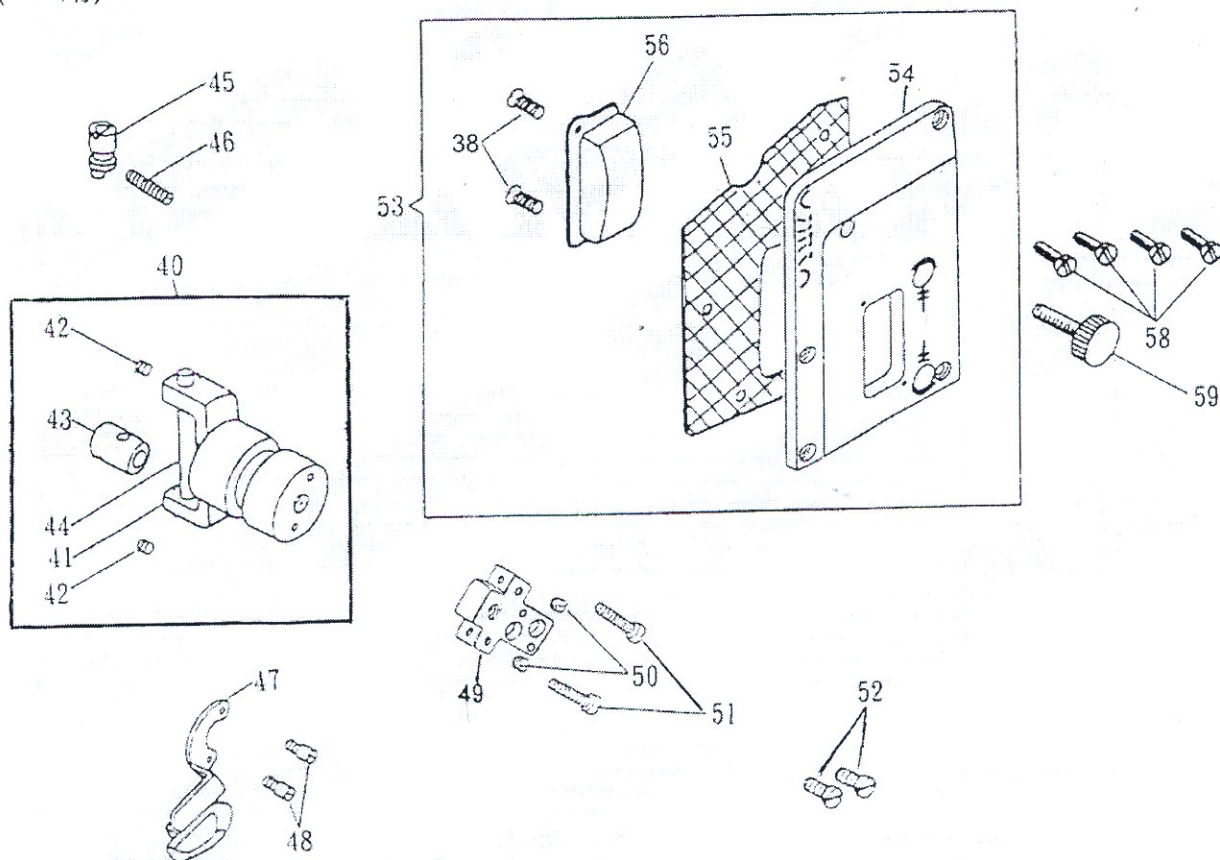
PULLY MECHANISM

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NEEDLE VIBRATING YOKE CONNECTING LINK CARRIER FRAME (CPL.) (FOR 105/125/135/140)



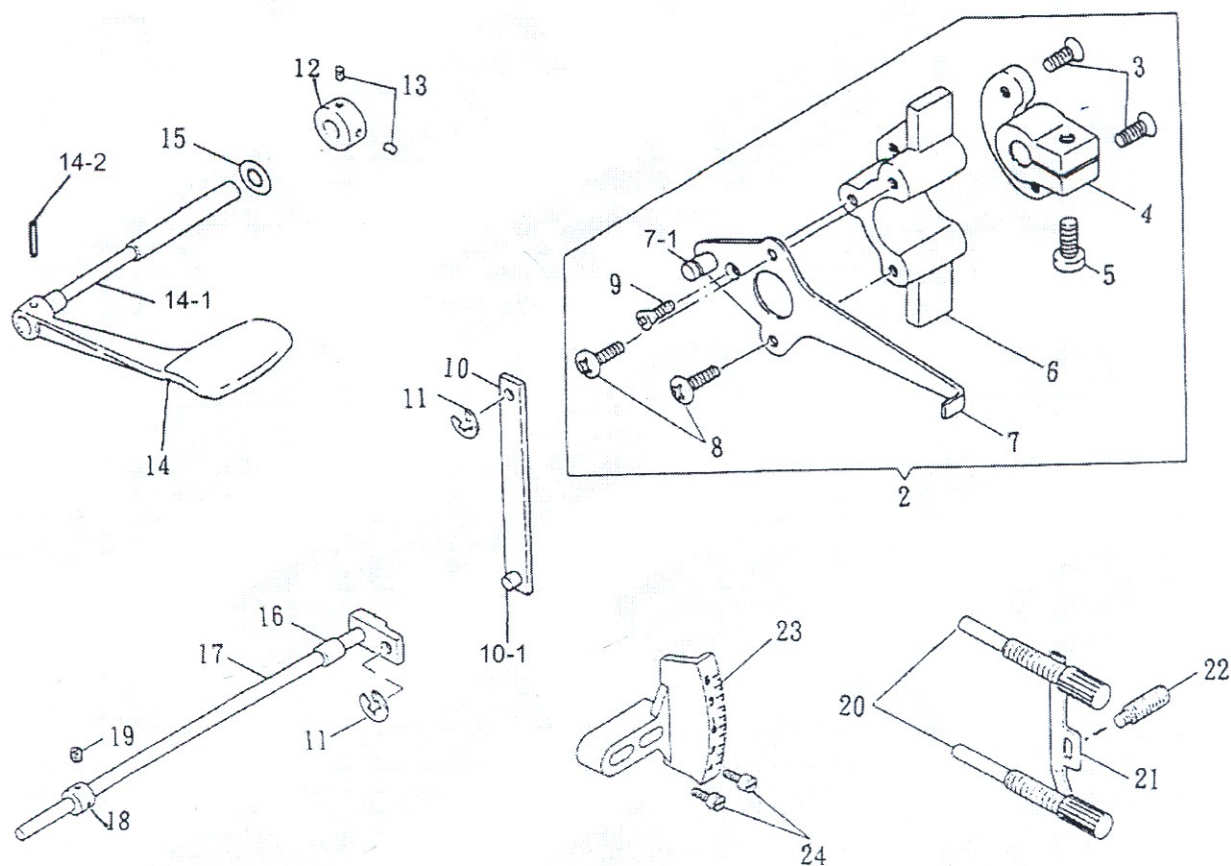
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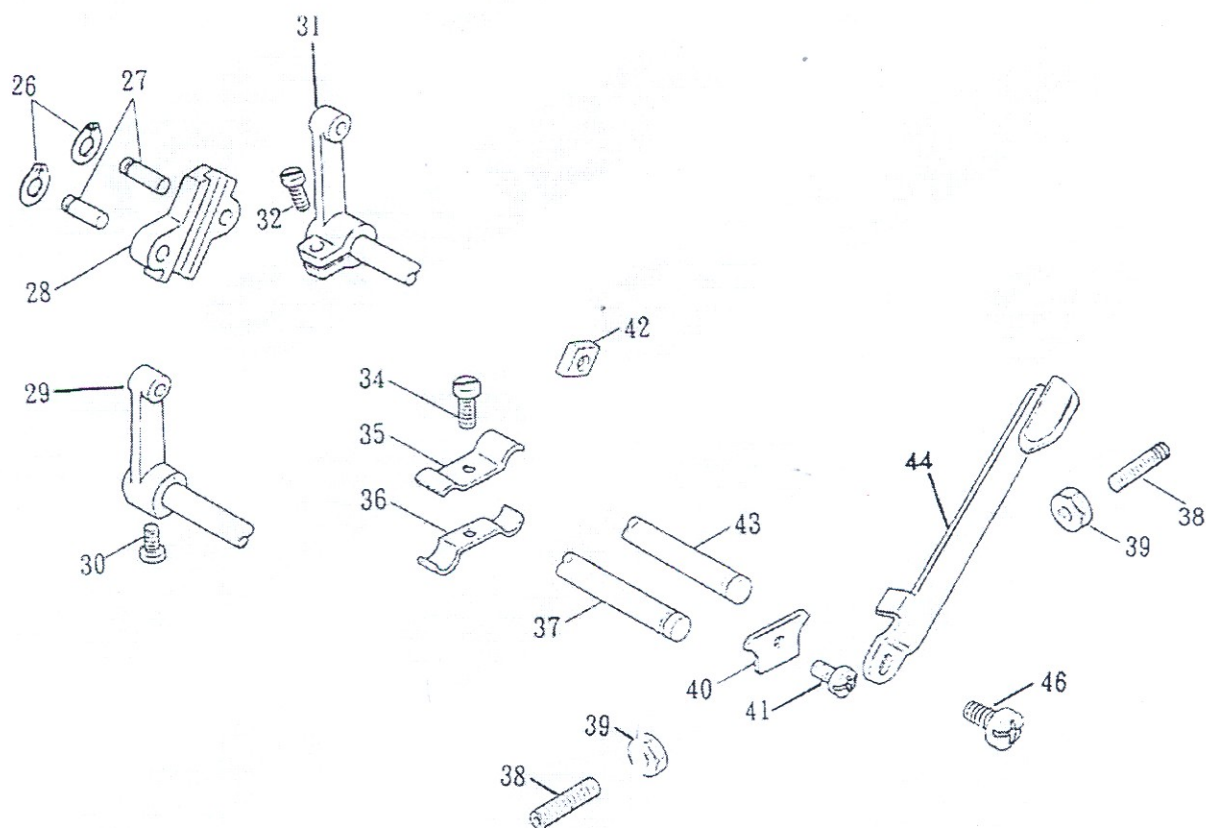
PRESSER BAR MECHANISM

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FEED REGURATING INDICATOR, LINK



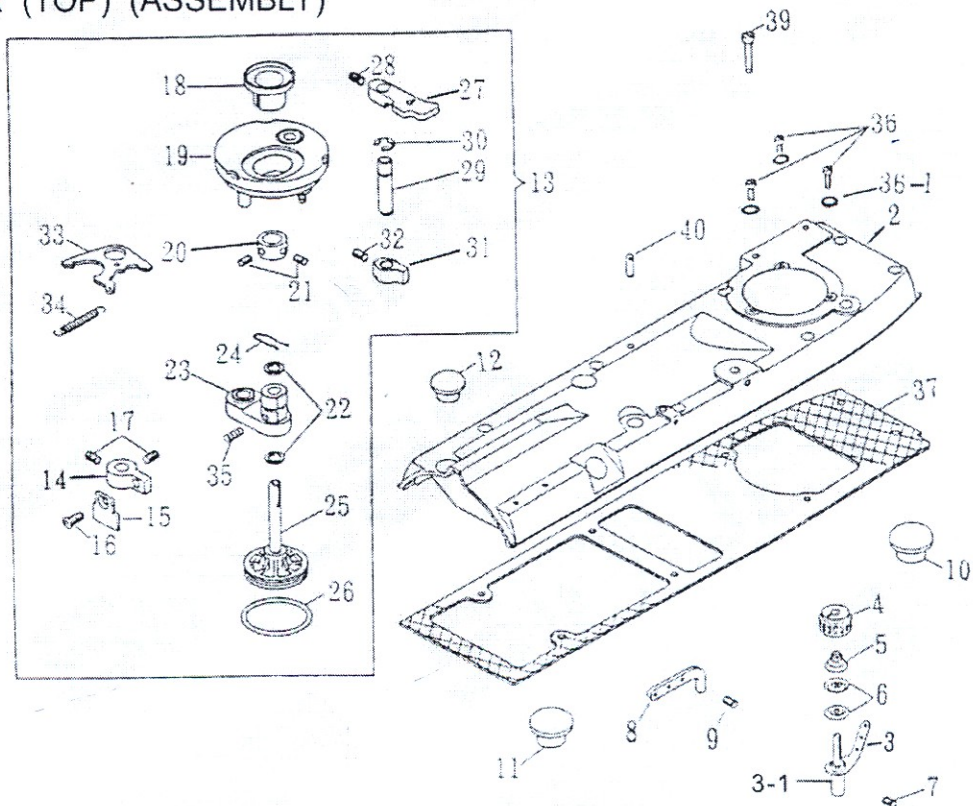
NEEDLE VIBRATING ADJUSTING BRACKET



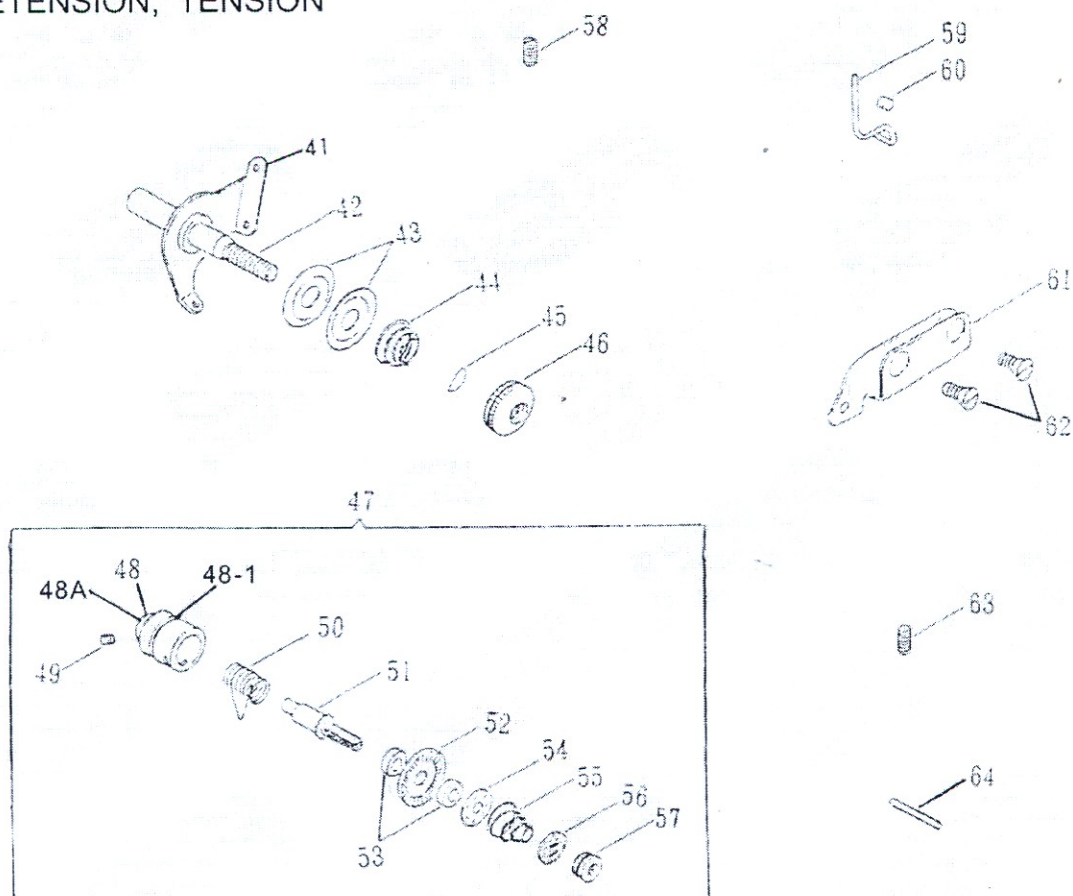
LOOPER MECHANISM

REF. NO.	部件編號	DESCRIPTION	說明	QTY.
F6-02		FEED REGULATING INDICATOR (CPL.)	滾石徑及傳動組	
F6-03P		FEED REGULATING INDICATOR (BODY) SCREW	螺釘	2
F6-04		FEED REGULATING INDICATOR HUB	平衡座	1
F6-05P		FEED REGULATING INDICATOR HUB SCREW	螺釘	1
F6-06		FEED REGULATING INDICATOR (BODY)	滾石殼體板	1
F6-07		FEED REGULATING INDICATOR PLATE (CPL.)	指紋板	1
F6-07-1		PIN	圓珠銷	1
F6-08P		FEED REGULATING INDICATOR SCREW (LARGE)	螺釘	2
F6-09P		FEED REGULATING INDICATOR SCREW (SMALL)	螺釘	1
F6-10		FEED REGULATING INDICATOR LEVER CONNECTING LINK	連接片	1
F6-10-1		PIN	棒	1
F6-11		FEED REGULATING INDICATOR PLATE PIN RETAINER	E型環	2
F6-12		FEED REGULATING LEVER SHAFT COLLAR	圓形圈	1
F6-13P		FEED REGULATING LEVER SHAFT COLLAR SET SCREW	螺釘	2
F6-14		FEED REGULATING LEVER	手錶柄	1
F6-14-1		HOOK SHAFT	圓形軸	1
F6-14-2		PIN	圓珠銷	1
F6-15		FEED REGULATING LEVER SHAFT O-RING	O型圈	1
F6-16		FEED REGULATING LEVER SHAFT BUSHING	套筒	1
F6-17		FEED REGULATING LEVER SHAFT	傳動軸	1
F6-18		FEED REGULATING LEVER SHAFT COLLAR	圓形圈	1
F6-19P		FEED REGULATING LEVER SHAFT COLLAR SET SCREW	螺釘	2
F6-20		FEED REGULATING SHAFT INDICATOR STOP SCREW	調節螺絲	2
F6-21		FEED REGULATING SHAFT INDICATOR STOP SCREW SPRING	彈簧板	1
F6-22P		FEED REGULATING RETAINING SPRING SCREW	定位螺釘	1
F6-23		STITCH LENGTH INDICATOR PLATE	刻痕板	1
F6-24P		STITCH LENGTH INDICATOR PLATE SCREW	螺釘	2
F6-26		NEEDLE BAR YOKE CONN. SNAP RING	E型環	2
F6-27		NEEDLE POSTION ADJ. ECC. BUSHING (SMALL)	圓形套	2
F6-28		NEEDLE VIBRATING ADJ. BRACKET	導向滑座	1
F6-29		NEEDLE VIBRATING ADJ. GUIDE CRANK	輔助曲柄(左)	1
F6-30P		NEEDLE VIBRATING ADJ. GUIDE CRANK SET SCREW	螺釘	1
F6-31		NEEDLE VIBRATING ADJ. CRANK	輔助曲柄(右)	1
F6-32P		NEEDLE VIBRATING CRANK PINCH SCREW	螺釘	1
F6-34P		NEEDLE VIBRATING ADJ. SCREW	螺釘	1
F6-35		NEEDLE VIBRATING ADJ. SHAFT CLAMPING BRACKET (UPPER)	夾片(上)	1
F6-36		NEEDLE VIBRATING ADJ. SHAFT CLAMPING BRACKET (LOWER)	夾片(下)	1
F6-37		NEEDLE VIBRATING ADJ. GUIDE CRANK SHAFT	軸	1
F6-38P		NEEDLE VIBRATING ADJ. LEVER STOP SCREW (LEFT)	螺釘	2
F6-39W		NEEDLE VIBRATING ADJ. LEVER STOP SCREW NUT	螺帽	2
F6-40		NEEDLE VIBRATING ADJ. SHAFT RETAINER	圓形罩	1
F6-41P		NEEDLE VIBRATING ADJ. SHAFT RETAINER SCREW	螺釘	1
F6-42		NEEDLE VIBRATING ADJ. BRACKET SLIDE BLOCK	圓形滑塊	1
F6-43		NEEDLE VIBRATING ADJ. CRANK SHAFT	軸	1
F6-44		NEEDLE VIBRATING ADJ. LEVER (CPL.)	輔助柄	1
F6-46P		NEEDLE VIBRATING ADJ. LEVER SCREW	螺釘	1

ARM COVER (TOP) (ASSEMBLY)



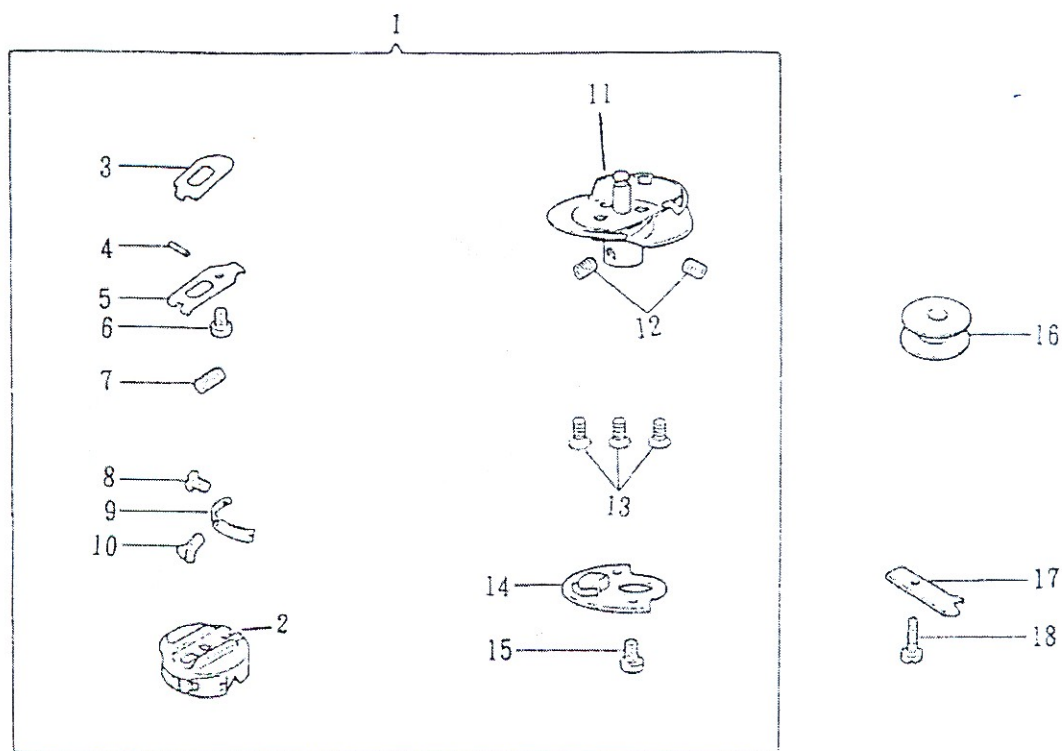
PRETENSION, TENSION



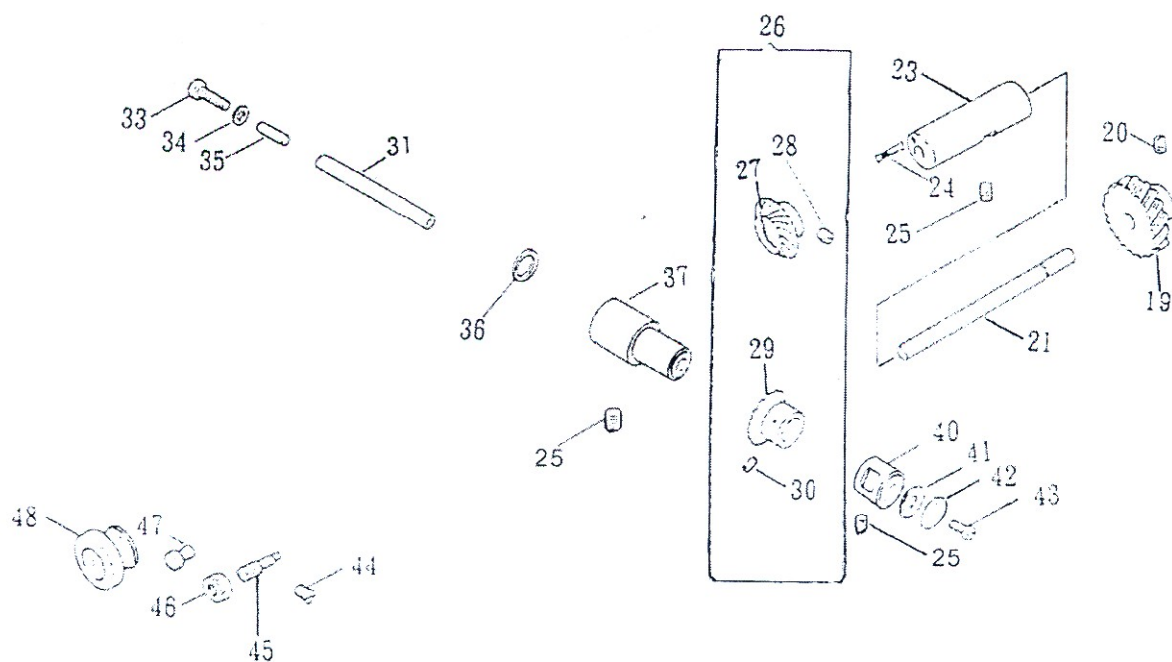
UPPER THREADING MECHANISM

REF. NO.	零件編號	DESCRIPTION 說明	QTY. 需求量
F7-02	ARM COVER (TOP), GASKET	上蓋	1
F7-03	BOBBIN WINDER TENSION	過線片	1
F7-03-1	PIN	插銷	1
F7-04	BOBBIN WINDER TENSION REGULATING THUMB NUT	調節螺母	1
F7-05	BOBBIN WINDER TENSION SPRING	彈簧	1
F7-06	BOBBIN WINDER TENSION DISC	沙拉片	2
F7-07P	BOBBIN WINDER TENSION SCREW	螺釘	2
F7-08	THREAD RETAINER (3-HOLES)	導線片	1
F7-09P	THREAD RETAINER (4-HOLES) SCREW	螺釘	1
F7-10	ARM COVER (TOP), PLUG (BACK)	塑膠塞	1
F7-11	ARM COVER (TOP), PLUG (CENTER)	塑膠塞	1
F7-12	PRESSER FOOT PRESSURE ADJ. HOLE PLUG	塑膠塞	1
F7-13	BOBBIN WINDER (CPL.)	繞線組	
F7-14	BOBBIN WINDER STOPPER	限位圈	1
F7-15	BOBBIN WINDER STOPPER BOARD	限位輔助片	1
F4-16P	BOBBIN WINDER STOPPER BOARD SCREW	螺釘	1
F4-17P	BOBBIN WINDER STOPPER SCREW	螺釘	2
F7-18	BOBBIN WINDER SPINDLE THREAD GUARD	儲線器納座	1
F7-19	BOBBIN WINDER (BODY)	繞線架	1
F7-20	BOBBIN WINDER SHAFT COLLAR	固定圈	1
F7-21P	BOBBIN WINDER SHAFT COLLAR SCREW	螺釘	2
F7-22	BOBBIN WINDER SHAFT FRICTION WHEEL WASHER	橡膠圈	2
F7-23	BOBBIN WINDER SHAFT BUSHING	繞線輪支架	1
F7-24	BOBBIN WINDER SHAFT FRICTION WHEEL SPRING	彈簧	1
F7-25	BOBBIN WINDER SHAFT FRICTION WHEEL (BODY)	繞線輪	1
F7-26	BOBBIN WINDER SHAFT FRICTION WHEEL RING	橡膠圈	1
F7-27	BOBBIN WINDER LEVER	調量柄	1
F7-28P	BOBBIN WINDER LEVER SCREW	螺釘	1
F7-29	BOBBIN WINDER LEVER STUD	螺軸	1
F7-30	BOBBIN WINDER LEVER STUD LINK LOCK WASHER	E型扣環	1
F7-31	BOBBIN WINDER REGULATOR	限位輔助片	1
F7-32P	BOBBIN WINDER REGULATOR SCREW	螺釘	1
F7-33	BOBBIN WINDER BRACKET ACTUATING PLATE	卡位片	1
F7-34	BOBBIN WINDER SPRING	彈簧	1
F7-35P	BOBBIN WINDER SHAFT BUSHING SPRING	螺釘	1
F7-36P	BOBBIN WINDER SCREW	螺釘	3
F7-36-1	WASHER	墊圈	3
F7-37	ARM COVER (TOP) GASKET	上蓋墊片	1
F7-39P	ARM COVER (TOP) SCREW	螺釘	8
F7-40	ARM COVER (TOP) THREAD GUIDE STUD	定位插銷	1
F7-41	PRETENSION	過線架	1
F7-42	PRETENSION BRACKET	沙拉螺釘	1
F7-43	PRETENSION DISC	沙拉片	2
F7-44	PRETENSION SPRING	彈簧	1
F7-45	PRETENSION ADJUSTING NUT SPRING	制動片	1
F7-46	PRETENSION ADJUSTING NUT	調節螺釘	1
F7-47	TENSION (CPL.)	上線張力調節組	
F7-48	THREAD TAKE-UP SPRING REGULATOR	沙拉座	1
F7-48-1	RUBBER RING	橡膠環	1
F7-48A	RUBBER RING	橡膠圈	1
F7-49P	TENSION STUD SET SCREW	螺釘	1
F7-50	THREAD TAKE-UP SPRING	彈簧	1
F7-51	TENSION STUD	沙拉螺絲	1
F7-52	TENSION FELT WASHER	張力節片	1
F7-53	TENSION WHEEL	彈力墊圈	3
F7-54	TENSION RELEASING DISC	彈簧下鎖圈	1
F7-55	TENSION SPRING	彈簧	1
F7-56	TENSION THUMB NUT LOCK WASHER	彈簧制動圈	1
F7-57	TENSION THUMB NUT	調節螺母	1
F7-58P	PRETENSION BRACKET SET SCREW	螺釘	1
F7-59	THREAD PULL OFF	導線勾	1
F7-60P	THREAD PULL OFF SET SCREW	螺釘	1
F7-61	THREAD GUIDE	繞線板	1
F7-62P	THREAD GUIDE SCREW	螺釘	2
F7-63P	THREAD REGULATOR SET SCREW	螺釘	1
F7-64	TENSION RELEASING PIN	頂針	1

HOOK, BOBBIN CASE



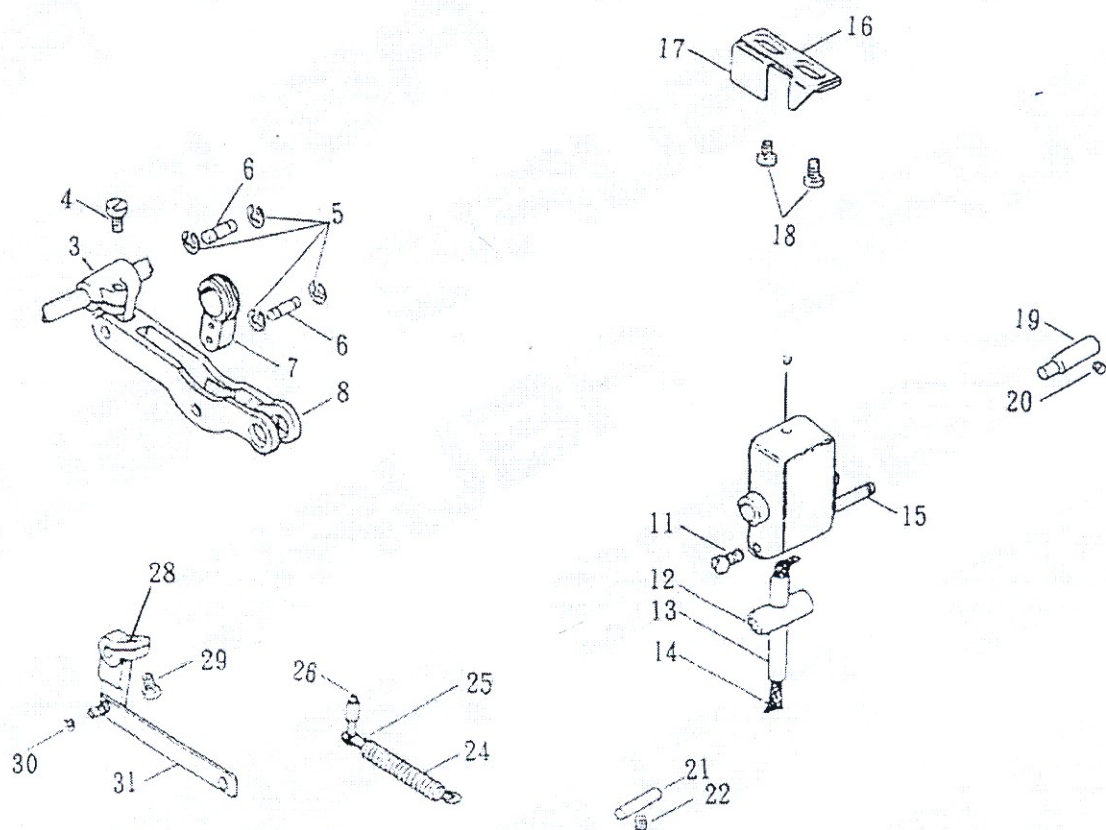
HOOK SHAFT BEVEL GEAR



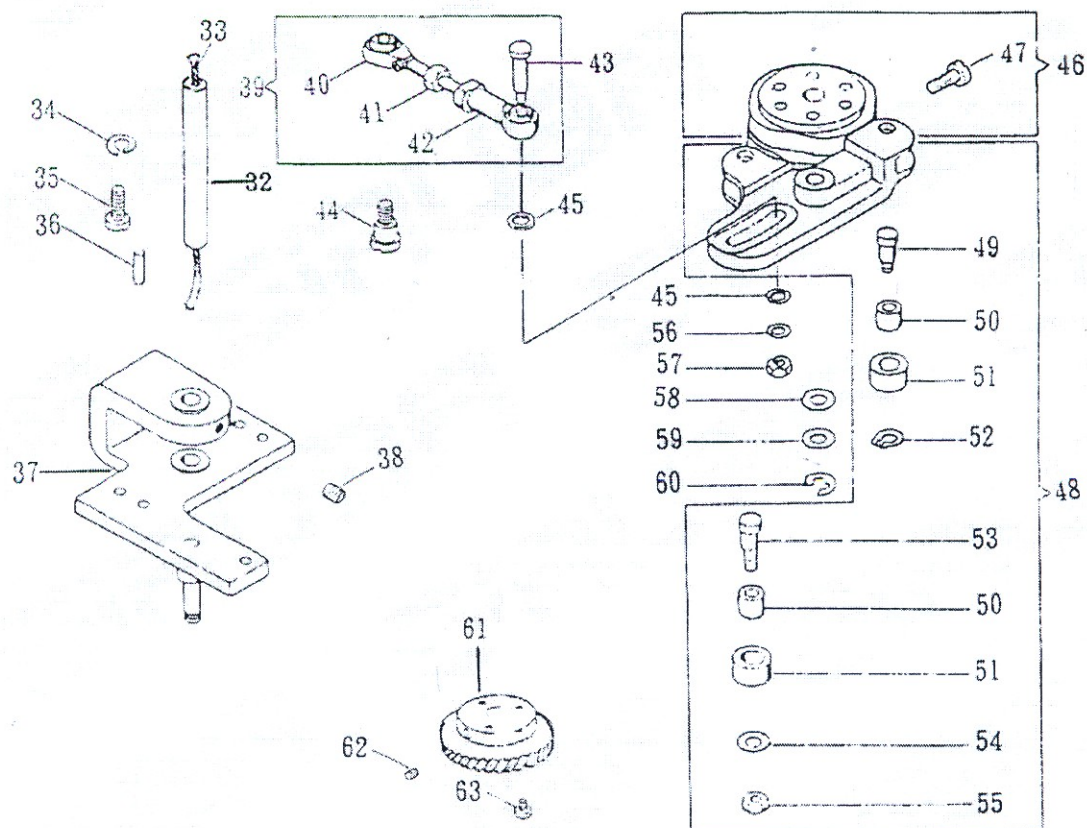
LOWER THREADING MECHANISM

[illegible]

FEED DRIVING CONNECTION, CARRIER FRAME



FEED CONTROL CAM (143用)

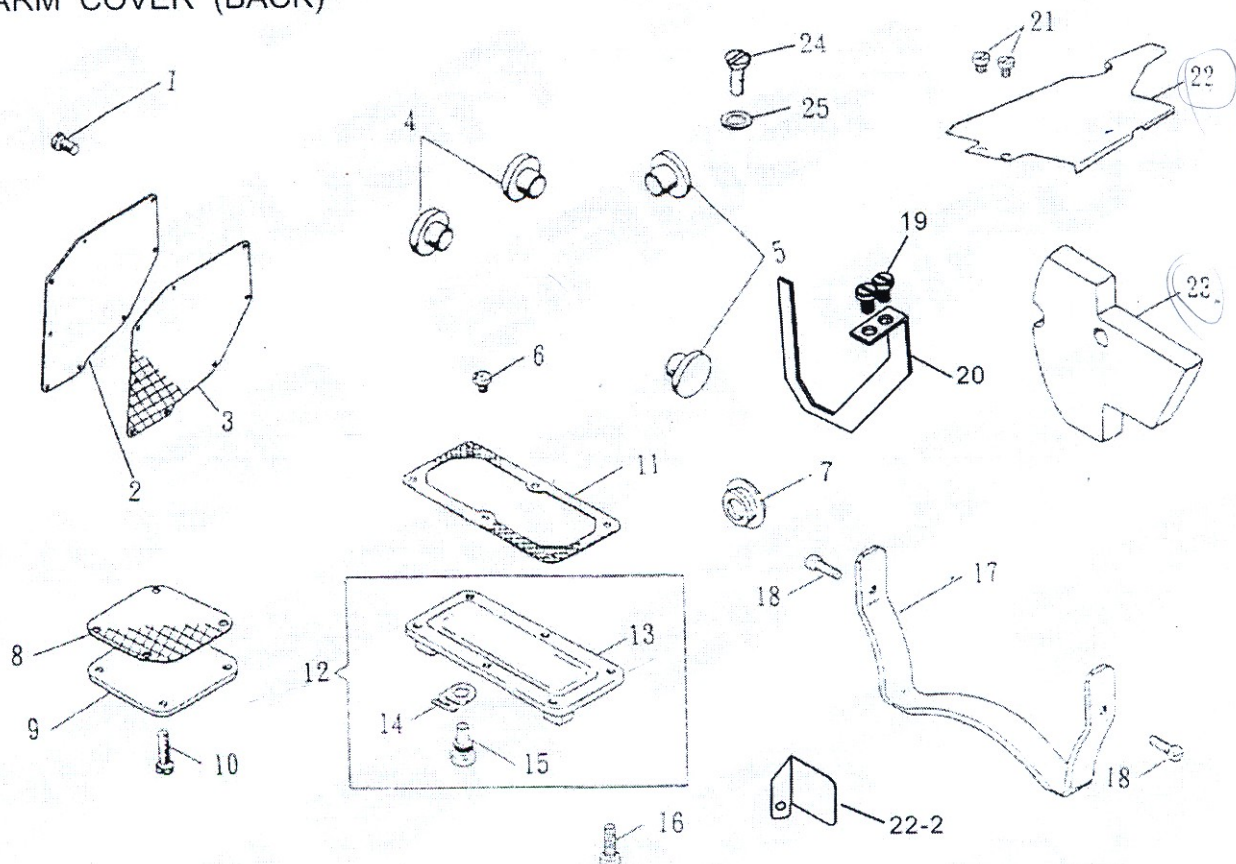


LOWER SHAFT MECHANISM-GAUGE PARTS

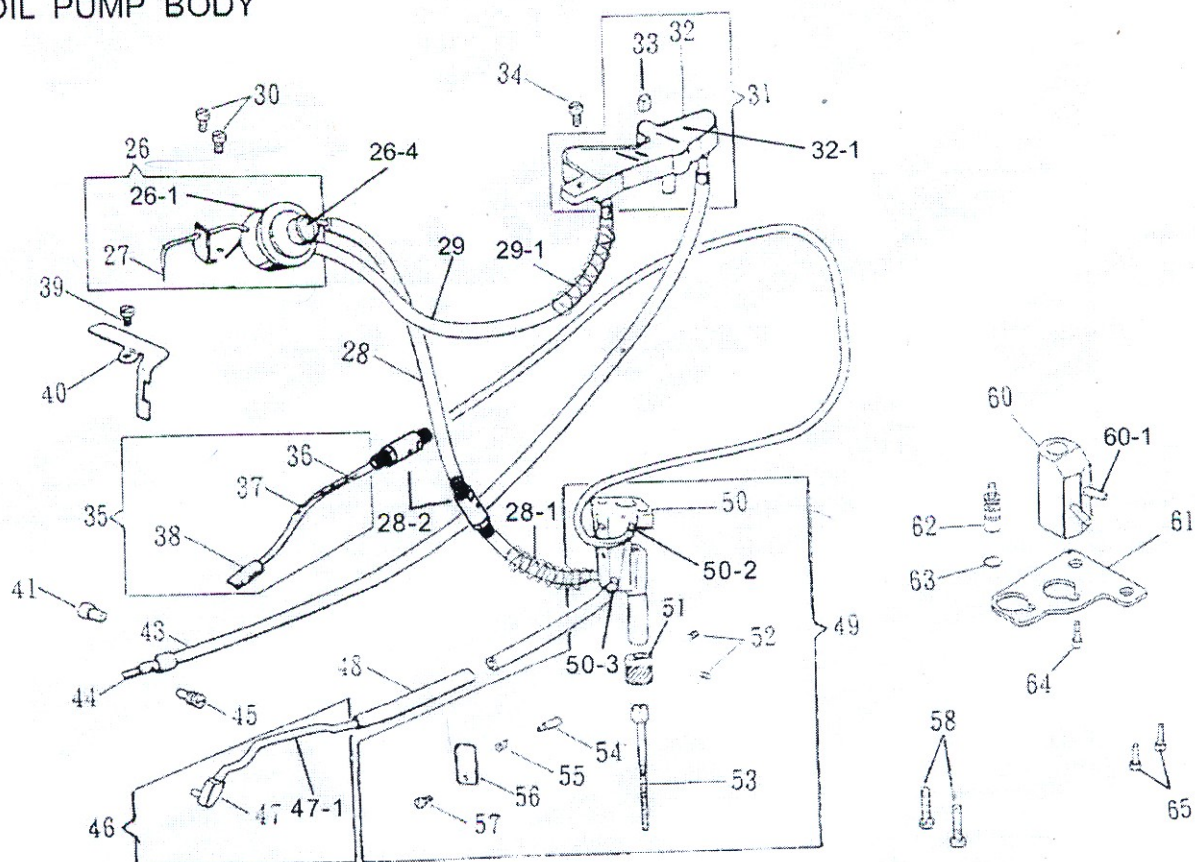
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ARM COVER (BACK)



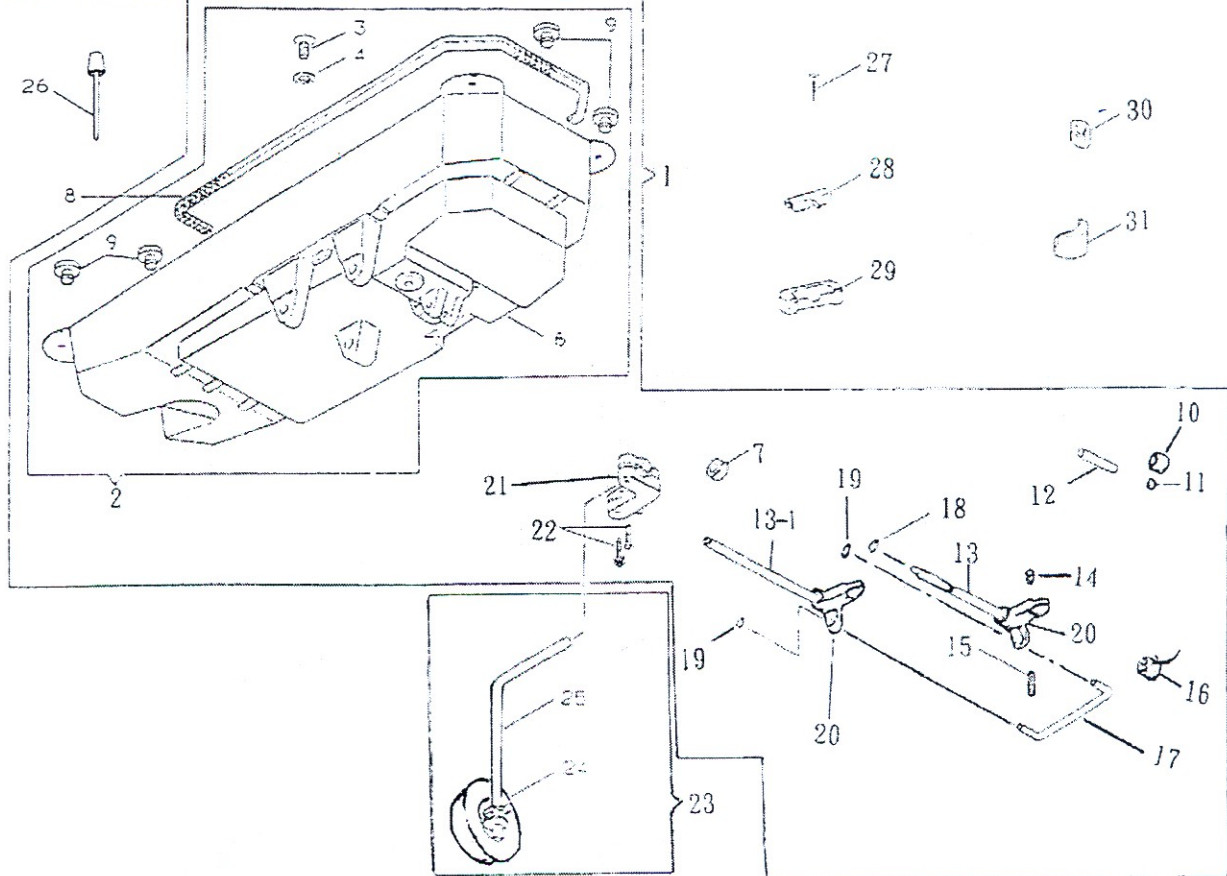
OIL PUMP BODY



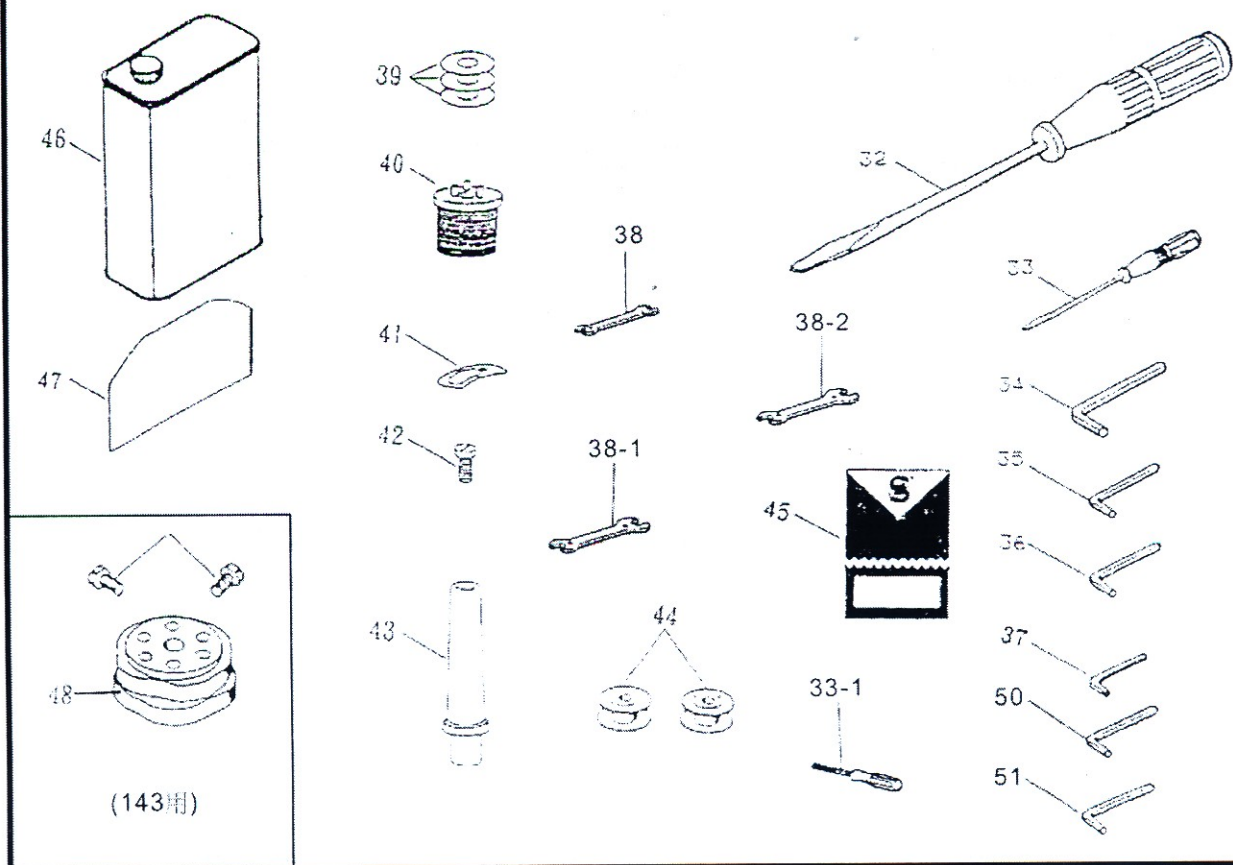
PULLER DEVICE MECHANISM

REF. NO.	部 件 編 號	DESCRIPTION	QTY.
F11-01P	ARM COVER (BACK) SCREW	ARM COVER (BACK) SCREW 螺釘	8
F11-02	ARM COVER (BACK) , GASKET (CPL.)	ARM COVER (BACK) , GASKET (CPL.) 墊圈	1
F11-03	ARM COVER (BACK) , GASKET	ARM COVER (BACK) , GASKET 鋼蓋墊片	1
F11-04	BED PLUG (REAR)	BED PLUG (REAR) 橡膠塞	2
F11-05	BED PLUG (FRONT)	BED PLUG (FRONT) 橡膠塞	2
F11-06P	SCREW	SCREW 螺釘	1
F11-07	FEED REGULATING SHAFT HOLE PLUG	FEED REGULATING SHAFT HOLE PLUG 橡膠塞	1
F11-08	HOOK SHAFT GEAR BOX COVER GASKET	HOOK SHAFT GEAR BOX COVER GASKET 下蓋墊片	1
F11-09	HOOK SHAFT GEAR BOX COVER	HOOK SHAFT GEAR BOX COVER 下蓋	1
F11-10P	HOOK SHAFT GEAR BOX COVER SCREW	HOOK SHAFT GEAR BOX COVER SCREW 螺釘	4
F11-11	BED SHAFT GEAR BOX COVER GASKET	BED SHAFT GEAR BOX COVER GASKET 下軸蓋墊片	1
F11-12	BED SHAFT GEAR BOX COVER (CPL.)	BED SHAFT GEAR BOX COVER (CPL.) 下軸蓋組	1
F11-13	BED SHAFT GEAR BOX COVER	BED SHAFT GEAR BOX COVER 下軸蓋	1
F11-14	FEED BAR HINGE PIN OILING FELT CLAMP	FEED BAR HINGE PIN OILING FELT CLAMP 彈片	1
F11-15P	BED SHAFT GEAR BOX COVER DRAIN SCREW	BED SHAFT GEAR BOX COVER DRAIN SCREW 調節螺釘	1
F11-16P	BED SHAFT GEAR BOX COVER SCREW	BED SHAFT GEAR BOX COVER SCREW 螺釘	6
F11-17	MACHINE LEG	MACHINE LEG 機架	1
F11-18P	MACHINE LEG SCREW	MACHINE LEG SCREW 螺釘	2
F11-19P	ARM OIL SHIELD RETAINER SCREW	ARM OIL SHIELD RETAINER SCREW 螺釘	2
F11-20	ARM OIL SHIELD RETAINER	ARM OIL SHIELD RETAINER 固定片	1
F11-21P	OIL GUARD SCREW	OIL GUARD SCREW 螺釘	2
F11-22	OIL GUARD COVER	OIL GUARD COVER 擋油蓋	1
F11-22-1	ARM OIL SHIELD	ARM OIL SHIELD 擋油蓋	1
F11-22-2	OIL GUARD COVER	OIL GUARD COVER 擋油蓋	1
F11-23	ARM OIL SHIELD	ARM OIL SHIELD 擋油蓋	1
F11-24P	EARTH WIRE SCREW	EARTH WIRE SCREW 螺釘	1
F11-25	EARTH WIRE SCREW WASHER	EARTH WIRE SCREW WASHER 墊圈	1
F11-26	OIL SIGHT BODY	OIL SIGHT BODY 油尺組	1
F11-26-1	OIL SIGHT WINDOW	OIL SIGHT WINDOW 油鏡	1
F11-26-4	GLIB	GLIB 油嘴(鋼)	1
F11-27	OIL SIGHT WICK	OIL SIGHT WICK 油線	1
F11-28	OIL DELIVERY TUBE	OIL DELIVERY TUBE 油管	1
F11-28-1	SPRING COIL	SPRING COIL 彈簧圈	1
F11-28-2	CHECK VALVE	CHECK VALVE 截止閥	2
F11-29	OIL RETURN TUBE UPPER (SHORT)	OIL RETURN TUBE UPPER (SHORT) 油管	1
F11-29-1	SPRING COIL	SPRING COIL 彈簧圈	1
F11-30P	OIL SIGHT BODY SCREW	OIL SIGHT BODY SCREW 螺釘	2
F11-31	OIL DISTRIBUTOR PLATE (CPL.)	OIL DISTRIBUTOR PLATE (CPL.) 儲油器組	1
F11-32	OIL DISTRIBUTOR PLATE	OIL DISTRIBUTOR PLATE 儲油器	1
F11-32-1	MODELS THE EARPIECE	MODELS THE EARPIECE 軟膠器	1
F11-33	OIL DISTRIBUTOR PLATE FOAM PAD	OIL DISTRIBUTOR PLATE FOAM PAD 墊	1
F11-34P	OIL DISTRIBUTOR PLATE SCREW	OIL DISTRIBUTOR PLATE SCREW 螺釘	1
F11-35	OIL REMOVING TUBE, OIL REMOVING LINT SCREEN (CPL.)	OIL REMOVING TUBE, OIL REMOVING LINT SCREEN (CPL.) 回油閥	1
F11-36	OIL REMOVING TUBE (CPL.)	OIL REMOVING TUBE (CPL.) 油嘴	1
F11-37	OIL REMOVING TUBE WIRE	OIL REMOVING TUBE WIRE 銅線	1
F11-38	OIL REMOVING LINT SCREEN	OIL REMOVING LINT SCREEN 油棉	1
F11-39P	HEAD END OIL DRAIN WICK CLAMP SCREW	HEAD END OIL DRAIN WICK CLAMP SCREW 螺釘	1
F11-40	ARM MEAD OIL DRAIN WICK CLAMP (FRONT)	ARM MEAD OIL DRAIN WICK CLAMP (FRONT) 固定片	1
F11-41	BED SHAFT BUISHING OIL HOLE PLUG	BED SHAFT BUISHING OIL HOLE PLUG 橡膠塞	1
F11-43	OIL RETURN TUBE LOWER (LONG)	OIL RETURN TUBE LOWER (LONG) 油管	1
F11-44	OIL RETURN TUBE	OIL RETURN TUBE 油管接頭	1
F11-45P	OIL RETURN TUBE SCREW	OIL RETURN TUBE SCREW 螺釘	1
F11-46	HOOK SHAFT GEAR BOX OIL PIPE (CPL.)	HOOK SHAFT GEAR BOX OIL PIPE (CPL.) 油管接頭組	1
F11-47	HOOK SHAFT GEAR BOX OIL PIPE CONNECTOR	HOOK SHAFT GEAR BOX OIL PIPE CONNECTOR 油管接頭	1
F11-47-1	COPPER PIPE	COPPER PIPE 銅管	1
F11-48	HOOK SHAFT GEAR BOX OIL PIPE TUBE	HOOK SHAFT GEAR BOX OIL PIPE TUBE 油管	1
F11-49	OIL PUMP BODY (ASS'Y)	OIL PUMP BODY (ASS'Y) 油泵組	1
F11-50	OIL PUMP BODY	OIL PUMP BODY 油泵	1
F11-50-2	COPPER PIPE	COPPER PIPE 銅管	2
F11-50-3	COPPER PIPE	COPPER PIPE 銅管	1
F11-51	OIL PUMP GEAR	OIL PUMP GEAR 齒輪	1
F11-52P	OIL PUMP GEAR SCREW	OIL PUMP GEAR SCREW 螺釘	2
F11-53	OIL PUMP SCREW SHAFT	OIL PUMP SCREW SHAFT 油泵軸	1
F11-54	OIL REMOVING PUMP PISTON	OIL REMOVING PUMP PISTON 油缸套	1
F11-55	OIL REMOVING PUMP PISTON SPRING	OIL REMOVING PUMP PISTON SPRING 彈簧	1
F11-56	OIL REMOVING PUMP PISTON SPRING BRACKET	OIL REMOVING PUMP PISTON SPRING BRACKET 彈簧架	1
F11-57P	OIL REMOVING PUMP PISTON SPRING BRACKET SCREW	OIL REMOVING PUMP PISTON SPRING BRACKET SCREW 螺釘	1
F11-58P	OIL PUMP MOUNTING SCREW	OIL PUMP MOUNTING SCREW 螺釘	2
F11-60	HOOK OIL FLOW REGULATING VALVE, PIPE (CPL.)	HOOK OIL FLOW REGULATING VALVE, PIPE (CPL.) 回油器	1
F11-60-1	COPPER PIPE	COPPER PIPE 銅管	1
F11-61	HOOK OIL FLOW REGULATING VALVE, BRACKET	HOOK OIL FLOW REGULATING VALVE, BRACKET 固定片	1
F11-62	HOOK OIL FLOW REGULATING VALVE	HOOK OIL FLOW REGULATING VALVE 調節閥	1
F11-63	HOOK OIL FLOW REGULATING VALVE, ORING	HOOK OIL FLOW REGULATING VALVE, ORING 橡膠圈	1
F11-64P	HOOK OIL FLOW REGULATING VALVE, SCREW	HOOK OIL FLOW REGULATING VALVE, SCREW 螺釘	1
F11-65P	HOOK OIL FLOW REGULATING VALVE, BRACKET SCREW	HOOK OIL FLOW REGULATING VALVE, BRACKET SCREW 螺釘	2

OIL RESERVOIR AND KNEE FIFTER



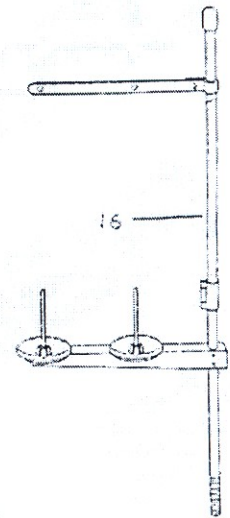
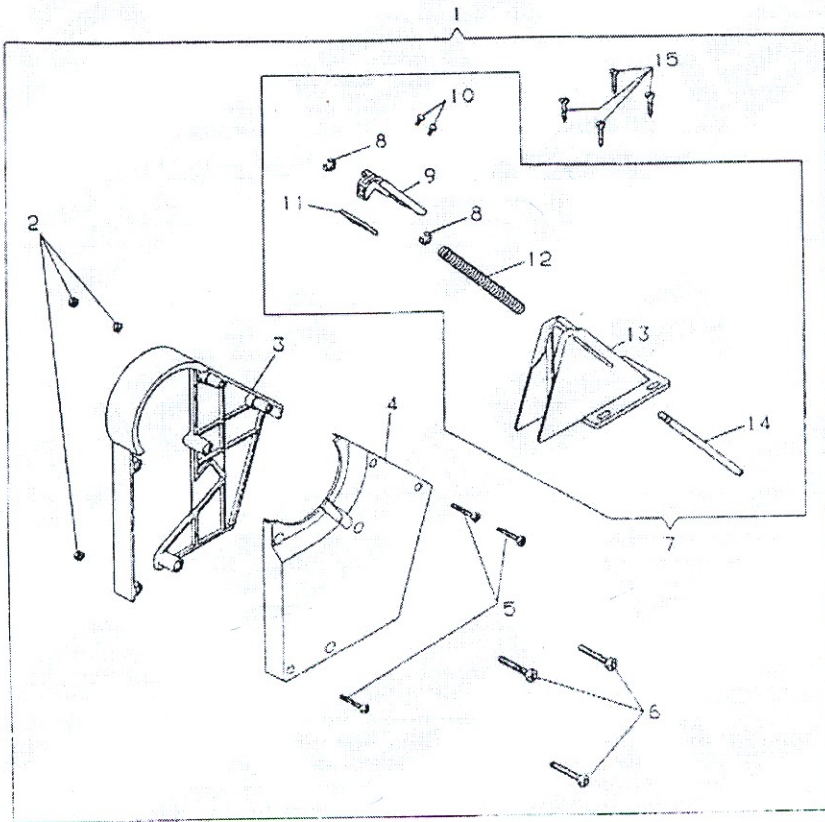
ACCESSORIES



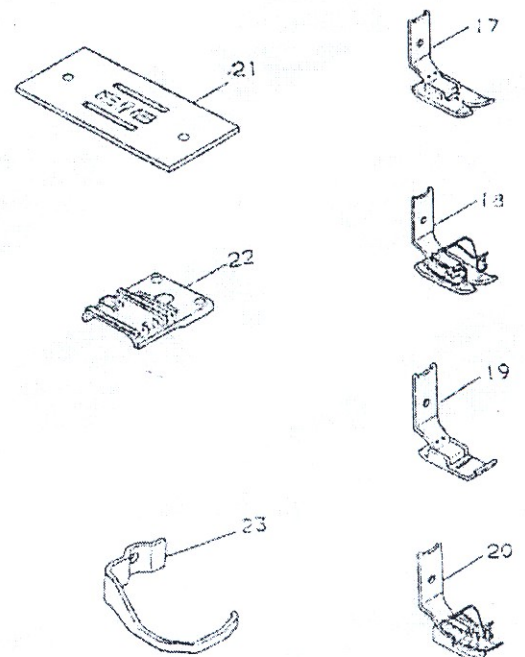
ACCESSORIES

ACCESSORIES		QTY. 需求量
REF. NO. 零件編號	DESCRIPTION 說明	
F12-01	OIL RESERVOIR AND KNEE LIFTER (ASS'Y) 油盤及膝提升器	
F12-02	OIL RESERVOIR (CPL.) 油盤組	1
F12-03P	OIL RESERVOIR DRAIN PLUG SCREW 螺釘	1
F12-04	OIL RESERVOIR DRAIN PLUG SCREW GASKET 橡膠圈	1
F12-06	OIL RESERVOIR 油盤	2
F12-07	KNEE LIFTER ROCK SHAFT 膝圈	1
F12-08	OIL RESERVOIR CUSHION 油盤橡膠圈	1
F12-09	MACHINE BASE CUSHION 橡膠圈	1
F12-10	FOOT CONTROL REVERSE FEED PIN COLLAR 固定圈	1
F12-11P	FOOT CONTROL REVERSE FEED PIN COLLAR SCREW 螺釘	1
F12-12	FOOT CONTROL REVERSE FEED LEVER PIN 軸心	1
F12-13	KNEE LIFTER CONTROL SHAFT 傳動軸	1
F12-13-1	KNEE LIFTER CONTROL SHAFT 傳動軸	1
F12-14P	KNEE LIFTER CONTROL SHAFT SCREW NUT 螺釘	1
F12-15P	KNEE LIFTER CONTROL SHAFT CRANK STOP SCREW 螺釘	1
F12-16	KNEE LIFTER RETURNING SPRING 彈簧	1
F12-17	KNEE LIFTER ROCK SHAFT CONNECTION 連結柄	2
F12-18	KNEE LIFTER CONTROL SHAFT CRIP RING 墊圈	2
F12-19	KNEE LIFTER ROCK SHAFT CONNECTION CRIP RING 墊圈	2
F12-20	KNEE LIFTER ROCK SHAFT 傳動柄	1
F12-21	KNEE LIFTER ROCK SHAFT HIB 驅動桿	2
F12-22P	KNEE LIFTER ROCK SHAFT HUB PINCH SCREW 螺釘	
F12-23	KNEE LIFTER KNEE PLATE, ARM (CPL.) 膝提升器組	1
F12-24	KNEE LIFTER KNEE PLATE, (CPL.) 膝提升器	1
F12-25	KNEE LIFTER KNEE PLATE, ARM 連結柄	1
F12-26	KNEE LIFTER PLUNGER 膝提升桿	6
F12-27	MACHINE HINGE CONN. CUSHION WIRE NAIL 螺釘	2
F12-28	MACHINE HINGE CONN. 後鉗	2
F12-29	MACHINE HINGE CONN. CUSHION 後鉗橡膠圈	2
F12-30	MACHINE BASE OIL RESSERVOIR CUSHION (BACK) 橡膠墊	2
F12-31	MACHINE BASE OIL RESSERVOIR CUSHION (FRONT) 橡膠墊	1
F12-32	SCREW DRIVER (LARGE) 大起子	1
F12-33	SCREW DRIVER (SMALL) 中起子	1
F12-33-1	HEXAGON BOTTLEOPENER 六角起子	1
F12-34	HEXAGON WRENCH (4MM) L型六角扳手	1
F12-35	HEXAGON WRENCH (1/8 INCH) L型六角扳手	1
F12-36	HEXAGON WRENCH (3MM) L型六角扳手	1
F12-37	HEXAGON WRENCH (2MM) L型六角扳手	1
F12-38	WRENCH(#7) 梅花扳手(#7)	1
F12-38-1	WRENCH(#8) 梅花扳手(#8)	1
F12-38-2	WRENCH(#10) 梅花扳手(#10)	3
F12-39	ANTISPILAGE SPACER 墊圈	1
F12-40	OIL FILTER WITH OIL FILTER MOUNTING SUPPORT 油濾器	1
F12-41	BOBBIN CASE ANTISPILAGE SPRING 彈簧	1
F12-42P	ATTACHMENT SCREW 螺釘	1
F12-43	REST PIN 木棒	2
F12-44	BOBBIN 儲線器	1
F12-45	NEEDLE BAG 針袋	1
F12-46	OIL CAN 油罐	1
F12-47	MACHINE COVER (EXP.) 機油板	1
F12-48	FEED CONTROL CAM 傳動凸輪	2
F12-49P	FEED CONTROL CAM SET SCREW 螺釘	1
F12-50	HEXAGON WRENCH L型六角扳手	1
F12-51	HEXAGON WRENCH L型六角扳手	

BELT GUARD, THREAD UNWINDER (2-SPOOL)



OPTION 1



[illegible]