

PARTS LIST & INSTRUCTION

NW *SERIES*

Industrial Sewing Machines

NW8000G series

NW2200G series

NL5800G series

PARTS LIST 4st Jan. 2016

INSTRUCTION 3st Jan. 2016

No. 150205

KANSAI
SPECIAL[®]

パーツブック御利用に際して

- このパーツブックは、2016年1月製造中のNWシリーズのデータに基づいて作成されたものです。
- 各機構別に収録され、左側のページに分解イラスト図、右側のページに部品番号、名称、及び数量が記載されています。
- この本の最後に部品番号インデックスを記載しています。部品番号からの図解、名称の検索に御利用下さい。
- 部品は、予告なく変更される場合がありますので、あらかじめ御了承下さい。

INTRODUCTION

- This parts book is based on data current January 2016.
- Each mechanism is arranged on facing pages. You will find listed for parts number, names, and quantities.
- A parts number index is attached to the back of this book for convenience.
- Parts are subject to change without notice.

NWシリーズ 表示方法

NW SERIES INFORMATION

- NW8803Gは上飾り付です。

NW8803G is with top cover thread.

NL5800Gは二重環縫い1本針, 2本針, 3本針ミシンです。

NL5800G is double chain stitch.

NW8842-1Gは

ポケットフェーシング 縫付用です。

NW8842-1G for attaching front pocket facing.

NW2202GCシリーズはベルトループ用です。

NW2202GC is for belt loop with front knife.

- 針幅です。(インチ)

Needle width. (inch)

N	W	8	8	0	3	G	D	-	U	T	A	-	1	/	4
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- 3は3本針です。

3 is 3 Needle machine.

- Dは地縫用です。

D for plain seaming operation.

CLはカバーリング用です。CL for covering operation.

Fはテープ付用です。F for binding tape operation.

MGは地縫い, テープ付です。MG for Plain seam with binding tape operation.

NL5803GPHDは中厚用/平押えです。NL5803GPHD for plain seam.

NL5803GPTF, GPXPは中厚用/トラクターフットです。NL5803GPTF, GPXP for the TRACTOR FOOT gauge.

Lはテープ付け用です。L for line attaching.

DEはレースゴム付けです。DE for attaching elastic lace.

- UTAはエア式糸切装置付ミシンです。

UTA is with thread trimmer unit.
(PNEUMATIC TYPE)

UTEは電気式糸切装置付ミシンです。

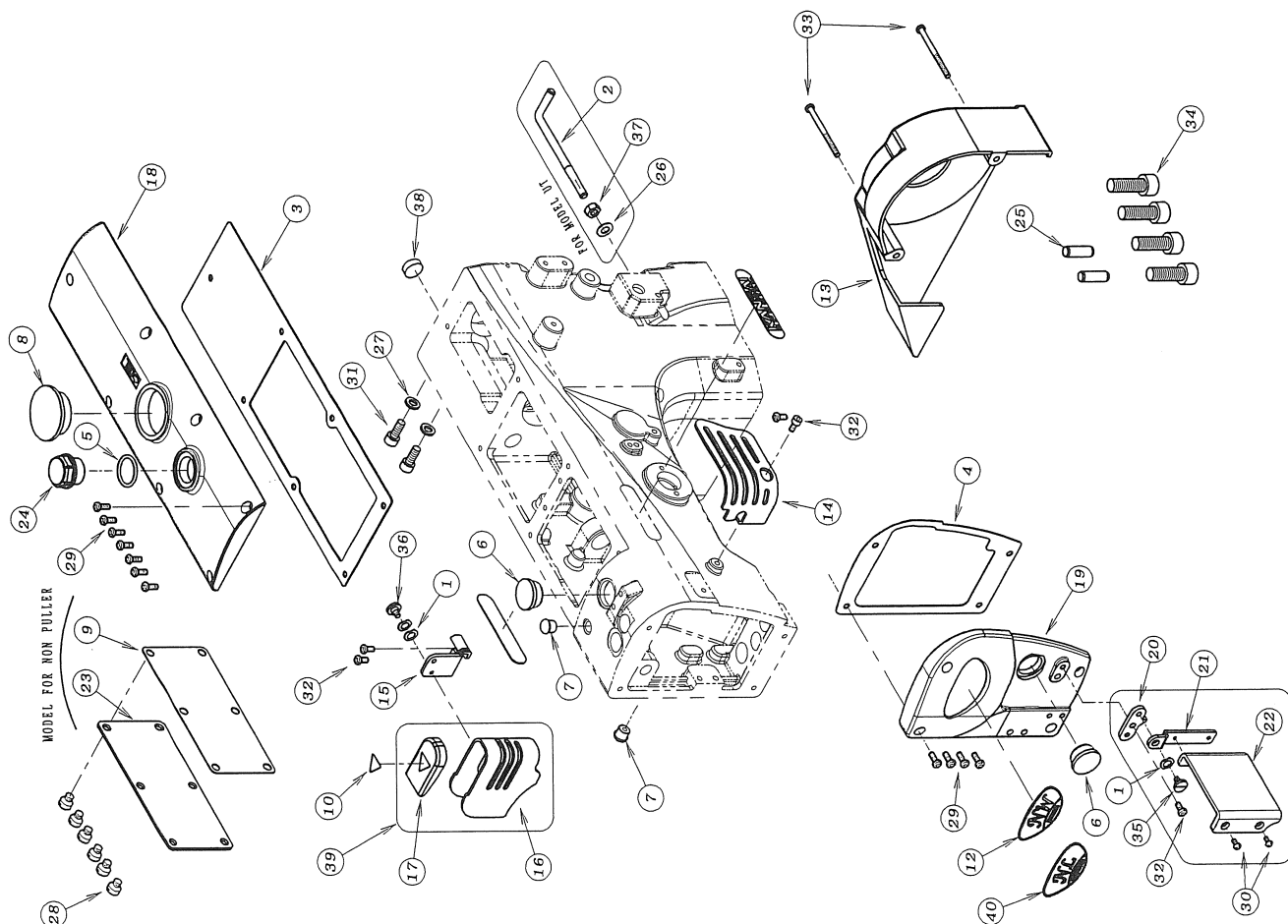
UTE is with thread trimmer unit.
(ELECTRIC TYPE)

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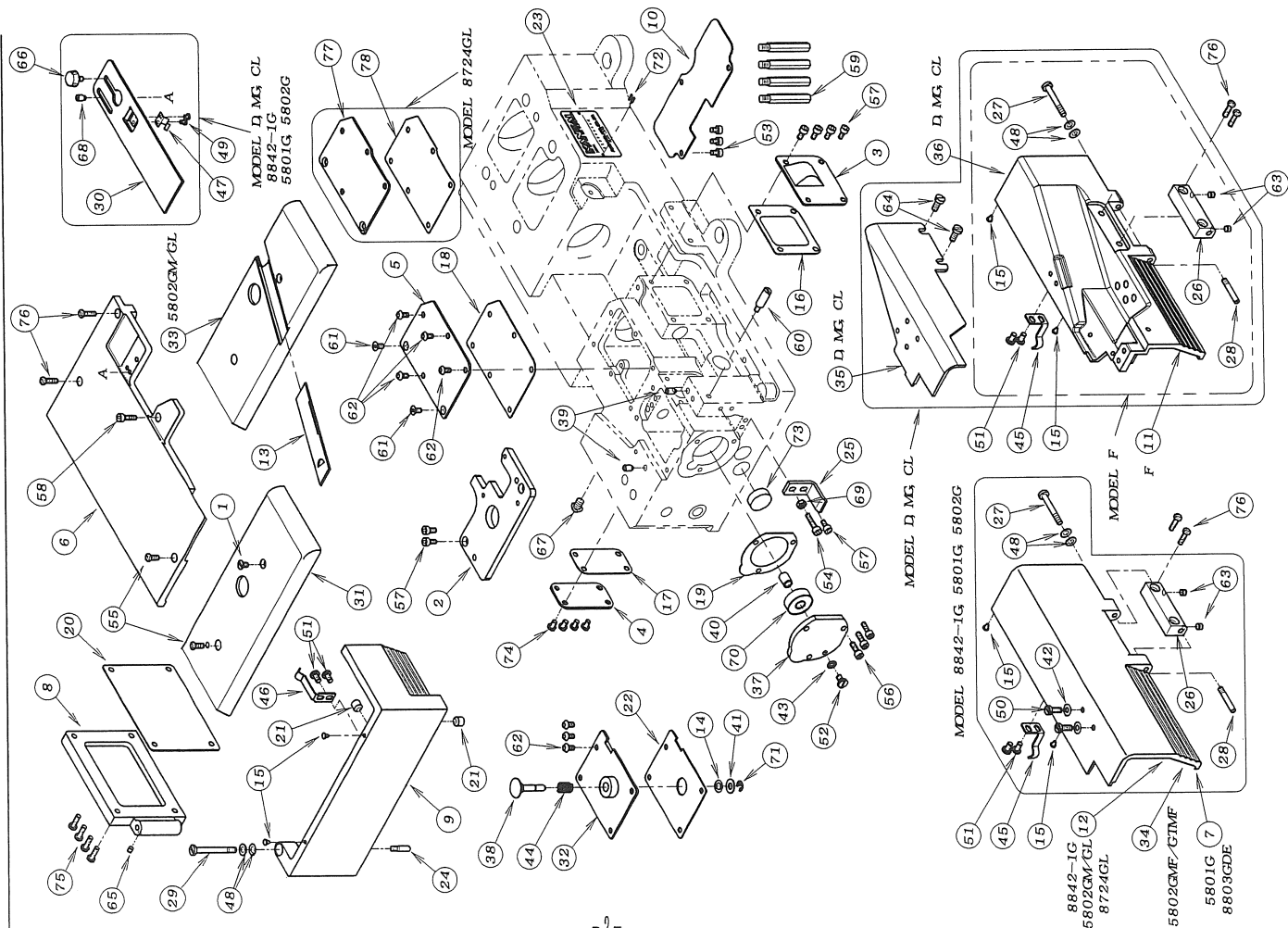
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1. フレーム関係 (1) FRAME ASSEMBLY (1)



REF. NO.	PART NO.	品名	DESCRIPTION	QTY
01-01	102-119	波座金	WASHER	3
01-02	05-292	ボシ・ジョナハ・ー	BAR	1
01-03	23-041	トップ・カハ・ー・ハ・ッセン	GASKET	1
01-04	23-045	面版・ハ・ッセン	GASKET	1
01-05	23-287	O-リング	O RING	1
01-06	23-427	コ・ム栓	PLUG	2
01-07	23-501	コ・ム栓	PLUG	2
01-08	23-504	コ・ム栓	PLUG	1
01-09	23-538	ハ・ッセン	GASKET	1
01-10	24-060	針棒カバー・シール	SEAL	1
01-11				
01-12	24-063	機種プレート (NW)	MODEL PLATE (NW)	1
01-13	27-136	プーリー・カバー	PULLEY COVER	1
01-14	27-231	天板・カバー	COVER	1
01-15	27-233	針棒カバー・ー・ブ・ラケット	BRACKET	1
01-16	27-234	針棒カバー・ー	NEEDLE BAR COVER	1
01-17	27-235	針棒カバー・ー・コ・ム	RUBBER	1
01-18	27-237W	トップ・カバー	TOP COVER	1
01-19	27-238W	面版	HEAD COVER	1
01-20	27-239	アイガ・ード・・ハ・ッセン (1)	HINGE	1
01-21	27-240	アイガ・ード・・ハ・ッセン (2)	HINGE	1
01-22	27-241	アイガ・ード・	EYE GUARD	1
01-23	27-323W	後カバー	REAR COVER	1
01-24	39-235	オイルポット	OIL POT	1
01-25	71-580	ワッシャー	PIN	2
01-26	75-452	ワッシャー	WASHER	1
01-27	75-552	ワッシャー	WASHER	2
01-28	87-053	スリッパ付小ネジ M6 x 6 L	SCREW M6 x 6 L	6
01-29	87-477	スリッパ付小ネジ M6 x 6 L	SCREW	11
01-30	87-483	スリッパ付小ネジ M6 x 6 L	SCREW	2
01-31	87-171	六角穴付きボルト	BOLT	2
01-32	87-482	スリッパ付小ネジ M6 x 6 L	SCREW	4
01-33	87-489	スリッパ付小ネジ M6 x 6 L	SCREW	2
01-34	87-228	六角穴付きボルト	BOLT	4
01-35	87-264	段ネジ	SCREW	1
01-36	87-437	段ネジ	SCREW	1
01-37	88-166	ナット	NUT	1
01-38	94-504	シールキャップ	PLUG	1
01-39	20-0008	針棒カバー・セット	NEEDLE BAR COVER ASS'Y	1
01-40	24-071	機種プレート (NL)	MODEL PLATE (NL)	1

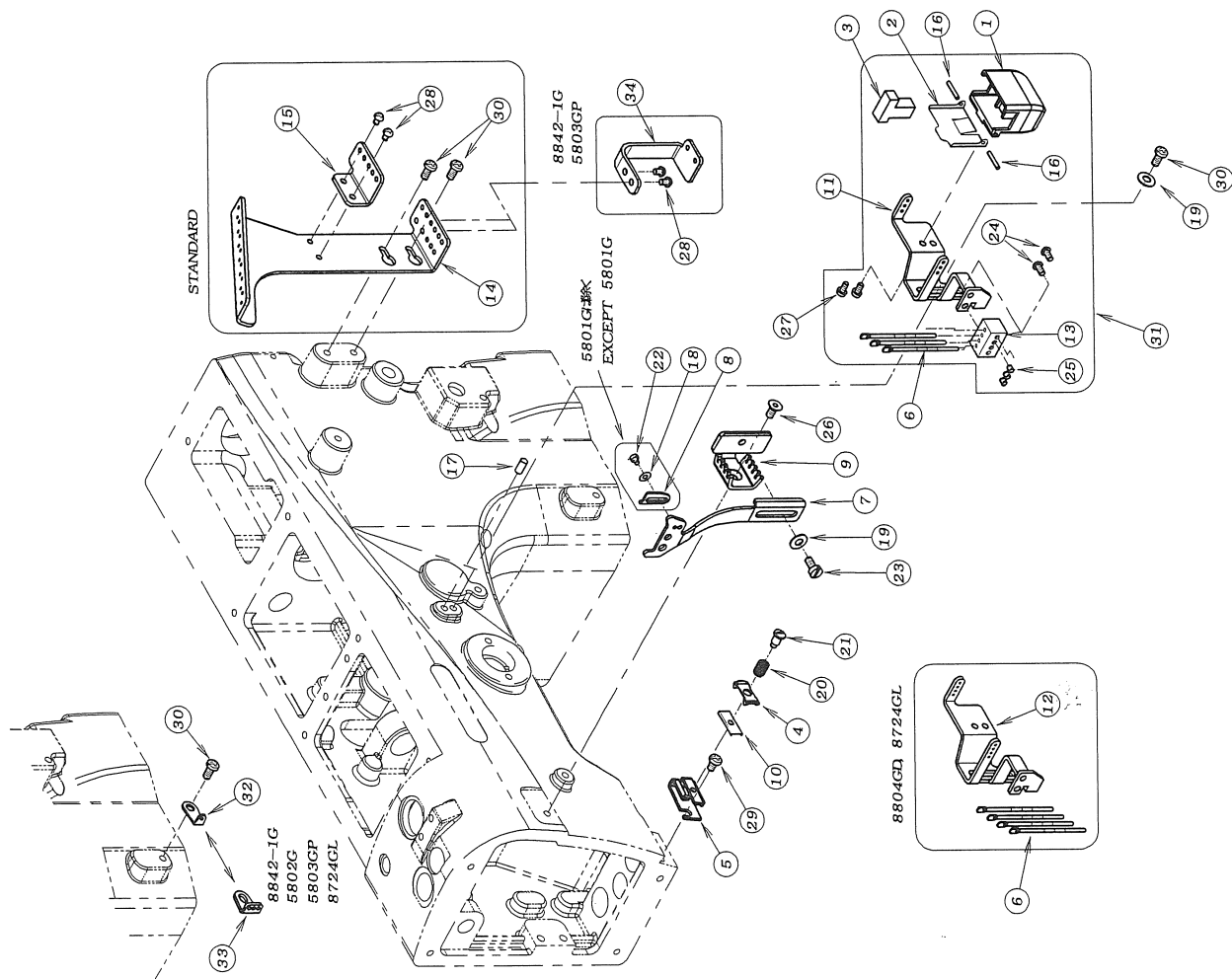
2. フレーム関係 (2-1) FRAME ASSEMBLY (2-1)



REF. NO.	PART NO.	品 名	DESCRIPTION	QTY
02-01	05-074	ネジ	SCREW	1
02-02	14-147	針板土台	NEEDLE PLATE SUPPORT BRACKET	1
02-03	21-648	カバー	COVER	1
02-04	21-649	カバー	COVER	1
02-05	21-650	ヘッドカバー (右)	BED COVER	1
02-06	21-660W	上ベースカバー	UPPER COVER	1
02-07	21-664W	前カバー	FRONT COVER	1
02-08	21-665W	後カバー	REAR COVER	1
02-09	21-666W	横カバー	SIDE COVER	1
02-10	21-667	防護プレート	COVER	1
02-11	21-821W	前カバー	FRONT COVER	1
02-12	21-833W	前カバー	FRONT COVER	1
02-13	21-835	差板	SLIDE COVER	1
02-14	23-183	O-リング	O-RING	1
02-15	23-512	クッションゴム	CUSHION RUBBER	6
02-16	23-516	パッキン	GASKET	1
02-17	23-517	パッキン	GASKET	1
02-18	23-518	パッキン	GASKET	1
02-19	23-521	パッキン	GASKET	1
02-20	23-525	パッキン	GASKET	1
02-21	23-526	ゴム栓	PLUG	2
02-22	23-575	上油カバー - パッキン左	CRANK CHAMBER COVER GASKET	1
02-23	24-053	モデルステッカー	TYPE PLATE	1
02-24	25-503	カバー - ヒンジ' ネジ'	SCREW	1
02-25	25-505	横カバー - 受け	SIDE COVER HOLDER	1
02-26	25-516W	定規台ヒンジ	HINGE	2
02-27	25-517	ヒンジ' ネジ'	SCREW	2
02-28	25-527	カバー - ヒンジ' ネジ'	SCREW	2
02-29	25-903	カバー - ヒンジ' ネジ'	SCREW	1
02-30	27-167	前ベースカバー	FRONT BASE COVER	1
02-31	27-335W	サイド' 上ベースカバー -	SIDE COVER	1
02-32	27-337	上油カバー - (左)	CRANK CHAMBER COVER	1
02-33	27-356W	サイド' 上ベースカバー -	SIDE COVER	1
02-34	27-541W	前カバー	FRONT COVER	1
02-35	27-542W	D用前カバー -	FRONT COVER	1
02-36	27-546W	前カバー -	FRONT COVER	1
02-37	69-526	ハウジング' タン	HOUSING	1
02-38	69-560	フ' ッシホ' タン	PUSH BOTTON	1
02-39	71-579	ノックピン	PIN	2
02-40	75-077	ベ' アリソク' 用カラー	COLLAR	1
02-41	75-453	ワッシャー	WASHER	1
02-42	75-455	ワッシャー	WASHER	2
02-43	75-468	ワッシャー	WASHER	1
02-44	79-528	ハ' ネ	SPRING	1
02-45	79-530	前カバー - 止めハ' ネ	SPRING	2
02-46	79-531	横カバー - 止めハ' ネ	SPRING	1
02-47	79-801	ハ' ネ	SPRING	1
02-48	79-922	皿ハ' ネ	SPRING	6
02-49	84-167	ネジ'	SCREW	2
02-50	84-566	ネジ'	SCREW	2
02-51	84-574	ネジ'	SCREW	6
02-52	84-581	段ネジ'	SCREW	1
02-53	87-092	六角穴付きボルト	BOLT	3
02-54	87-112	六角穴付きボルト	BOLT	1
02-55	87-483	プラマイナベ小ねじ	SCREW	2
02-56	87-129	六角穴付きボルト	BOLT	3

3. 糸調子機構

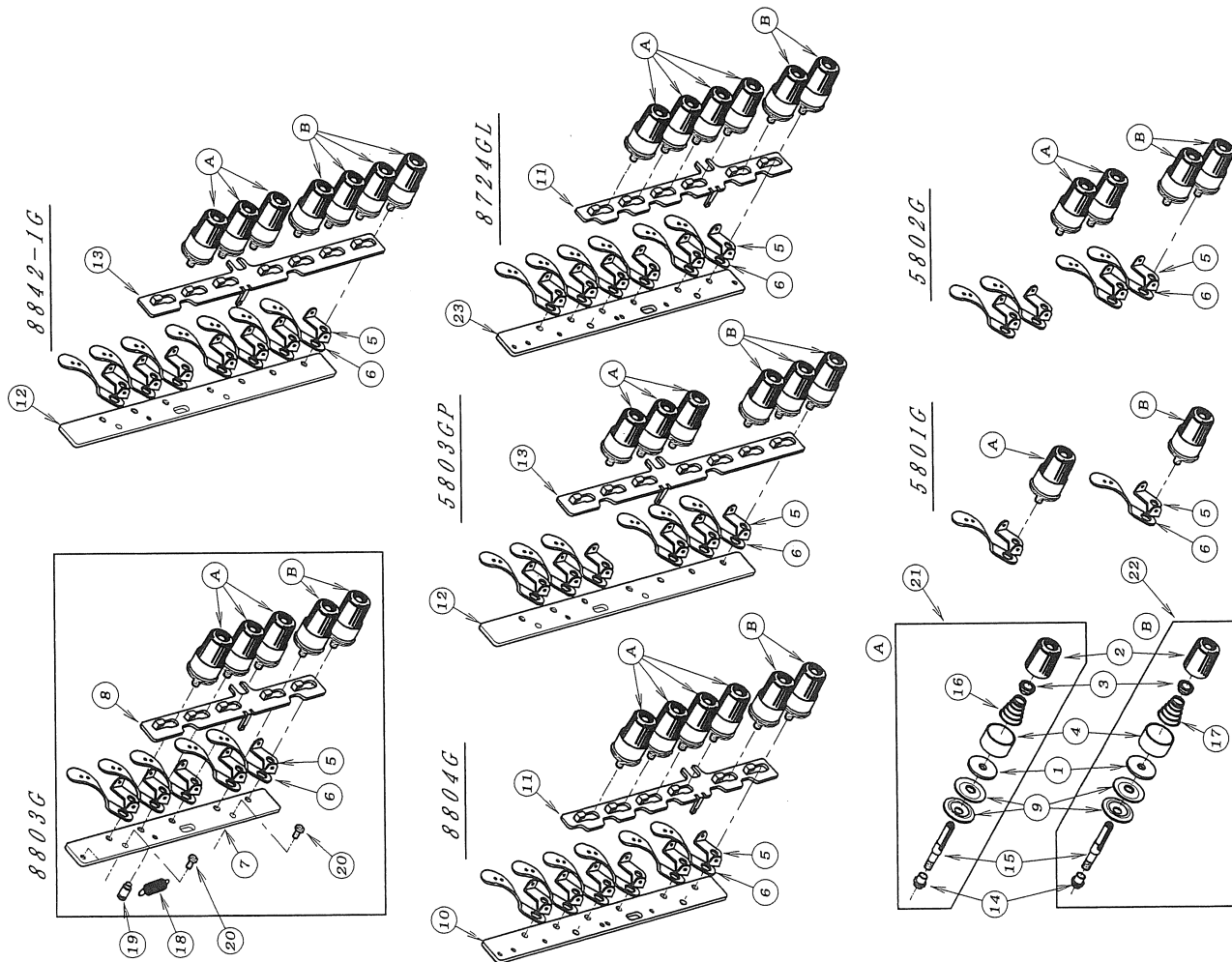
THREAD TENSION MECHANISM



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
03-01	27-039	シリコンタンク	SILICONE OIL RESERVOIR	1
03-02	27-533	シリコンタンクフタ	COVER	1
03-03	27-534	フェルト	FELT	1
03-04	41-021	カメラ糸道	THREAD NIPPER	1
03-05	41-022	小綱子台	THREAD GUIDE BRACKET	1
03-06	45-031	糸道	THREAD EYELET	7
03-07	45-033	上糸捌き	THREAD GUIDE	1
03-08	45-034	補助上糸捌き	THREAD GUIDE	1
03-09	45-038	上糸ガイド	GUIDE	1
03-10	45-508	針株小綱子板	PLATE	1
03-11	45-541	シリコンタンク糸道	THREAD EYELET	1
03-12	45-551	シリコンタンク糸道	THREAD EYELET	1
03-13	45-553	ホルダー	HOLDER	1
03-14	45-567	糸ガイド	THREAD GUIDE	1
03-15	45-568	糸ガイド糸道	THREAD EYELET	1
03-16	71-202	シリコンタンク用ピン	SILICONE PIN	2
03-17	71-209	平行ピン	PIN	1
03-18	75-441	ワッシャー	WASHER	1
03-19	75-455	ワッシャー	WASHER	2
03-20	79-025	カメラ糸道バネ	SPRING	1
03-21	84-021	ハネガイドネジ	SCREW	1
03-22	87-093	ネジ	SCREW	1
03-23	87-096	ネジ	SCREW	1
03-24	87-099	ネジ	SCREW	2
03-25	87-104	ネジ	SCREW	1
03-26	87-269	ネジ	SCREW	2
03-27	87-372	タッピングネジ	SCREW	2
03-28	87-476	ブラマイナベ小ねじ	SCREW	1
03-29	87-481	ブラマイナベ小ねじ	SCREW	1
03-30	87-482	ブラマイナベ小ねじ	SCREW	4
03-31	40-523W-3	シリコンタンク糸道セット	THREAD EYELET ASS'Y	1
03-32	43-519	糸道	THREAD EYELET	1
03-33	47-803	ルーバー糸道	THREAD EYELET	1
03-34	45-569	糸ガイド糸道	THREAD EYELET	1

4. 糸調子機構 (UT 除外)

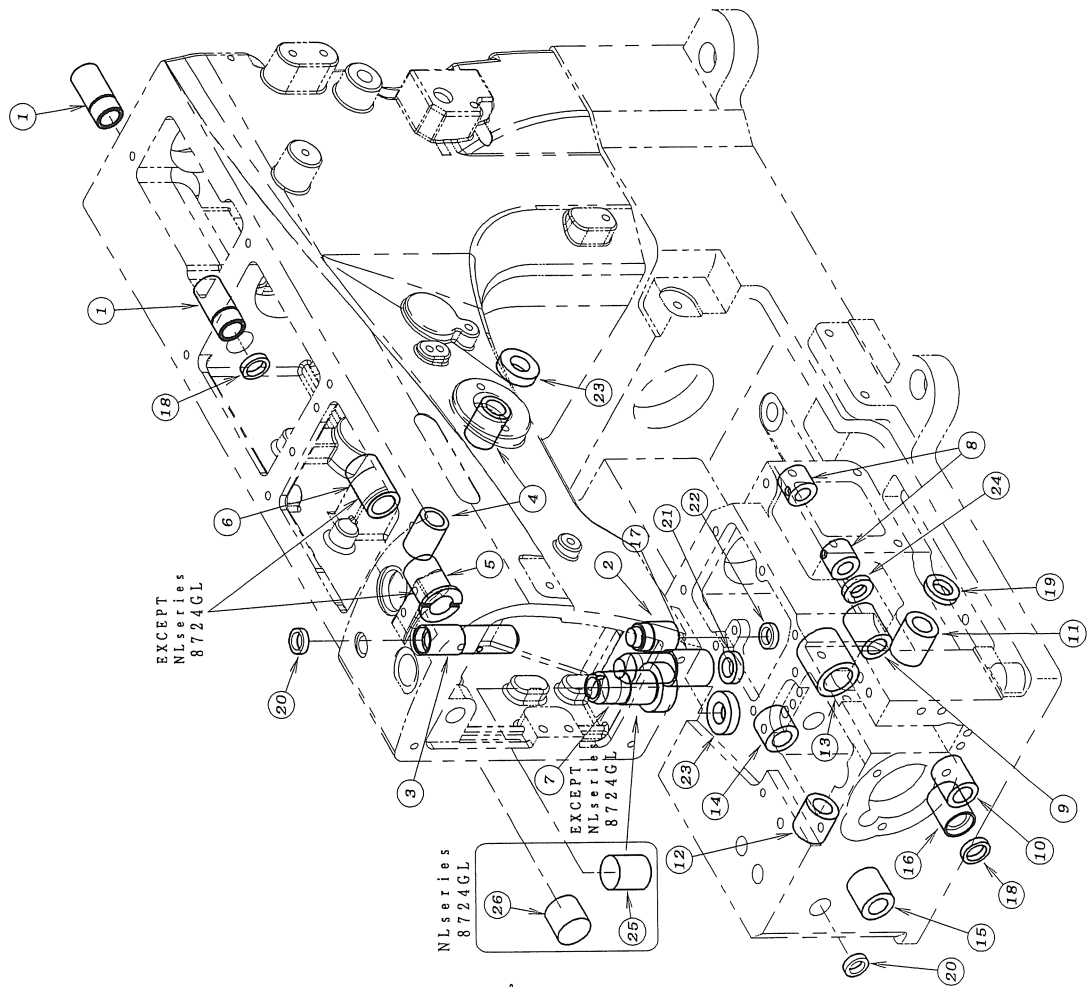
THREAD TENSION MECHANISM (WITHOUT UT)



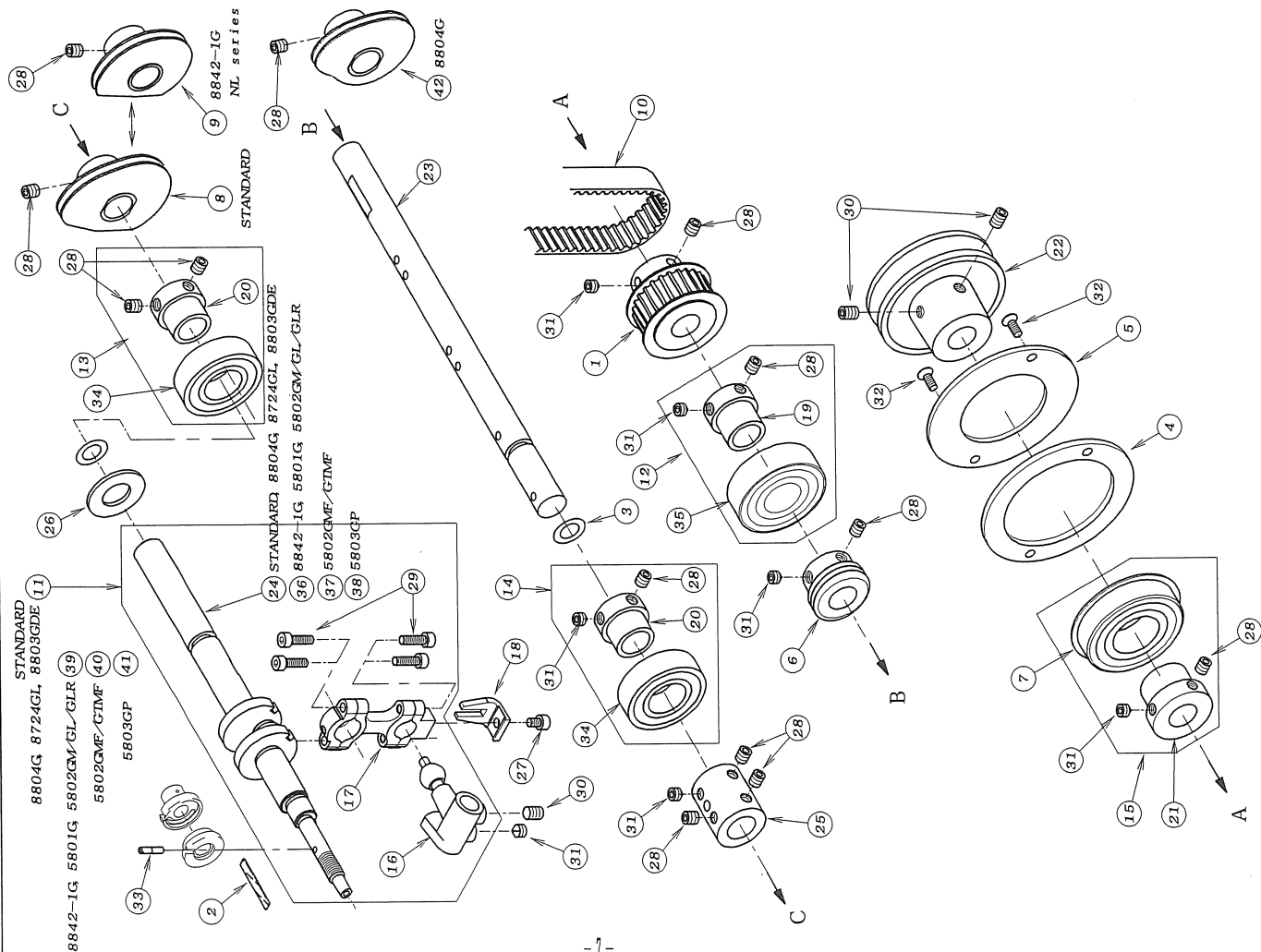
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
04-01	23-324	フェルト	FELT	*
04-02	41-104	チャンボ°ン皿小ケース	THREAD TENSION NUT	*
04-03	41-105	チャンボ°ン皿ラチェット	SPRING POST	*
04-04	41-106	チャンボ°ン大ケース	SPRING CUP	*
04-05	41-115	糸道 (上)	THREAD GUIDE	*
04-06	41-117	糸道 (下)	THREAD GUIDE	*
04-07	41-501	ブラケット	BRACKET	1
04-08	41-502	糸繰めプレート	THREAD RELEASER	1
04-09	41-509	チャンボ°ン皿	TENSION DISC	*
04-10	41-518	フ°ラケット	BRACKET	1
04-11	41-519	糸繰めプ°レート	THREAD RELEASER	1
04-12	41-520	ブラケット	BRACKET	1
04-13	41-521	糸繰めプレート	THREAD RELEASER	1
04-14	41-526	調子棒カラー	COLLAR	*
04-15	41-527	調子棒	SCREW STUD	*
04-16	41-701	チャンボ°ン調子バネ (強)	SPRING (HEAVY)	1
04-17	41-702	チャンボ°ン調子バネ (弱)	SPRING (LIGHT)	1
04-18	79-514	引張りバネ	SPRING	1
04-19	84-501	ネジ	SCREW	1
04-20	87-482	プ°ライナベ小ねじ	SCREW	2
04-21	40-7510	チャンボ°ンセット (強)	THREAD TENSION SET (HEAVE)	*
04-22	40-7520	チャンボ°ンセット (弱)	THREAD TENSION SET (LIGHT)	*
04-23	41-525	ブラケット	BRACKET	1

5. ブッシュ機構 BUSHING

REF. NO.	PART NO.	品 名	DESCRIPTION	QTY
05-01181-023	05-01181-023	押エ据ケ' 運動シャフトブ' ヅシユ	BUSHING	2
05-02181-047	05-02181-047	針棒ブ' ヅシユ (下)	BUSHING	1
05-03181-048	05-03181-048	針棒ブ' ヅシユ (上)	BUSHING	1
05-04181-506	05-04181-506	ブッシュ	BUSHING	2
05-05181-507	05-05181-507	ブッシュ	BUSHING	1
05-06181-508	05-06181-508	ブッシュ	BUSHING	1
05-07181-587	05-07181-587	飾り糸ルーパ' - 棒ブ' ヅシユ	BUSHING	1
05-08181-522	05-08181-522	ブッシュ	BUSHING	2
05-09181-523	05-09181-523	ブッシュ	BUSHING	1
05-10181-524	05-10181-524	ブッシュ	BUSHING	1
05-11181-525	05-11181-525	ブッシュ	BUSHING	1
05-12181-526	05-12181-526	ブッシュ	BUSHING	1
05-13181-527	05-13181-527	ブッシュ	BUSHING	1
05-14181-528	05-14181-528	ブッシュ	BUSHING	1
05-15181-529	05-15181-529	ブッシュ	BUSHING	1
05-16181-530	05-16181-530	ブッシュ	BUSHING	1
05-17181-547	05-17181-547	ブッシュ	BUSHING	1
05-18181-102	05-18181-102	オイルシール	OIL SEAL	2
05-19181-222	05-19181-222	オイルシール	OIL SEAL	1
05-20181-231	05-20181-231	オイルシール	OIL SEAL	2
05-21181-503	05-21181-503	オイルシール	OIL SEAL	1
05-22181-511	05-22181-511	オイルシール	OIL SEAL	1
05-23181-804	05-23181-804	オイルシール	OIL SEAL	2
05-24181-805	05-24181-805	オイルシール	OIL SEAL	1
05-25181-506	05-25181-506	詰栓	SEAL PLUG	1
05-26181-507	05-26181-507	詰栓	SEAL PLUG	1



6. 下軸機構 CRANKSHAFT MECHANISM



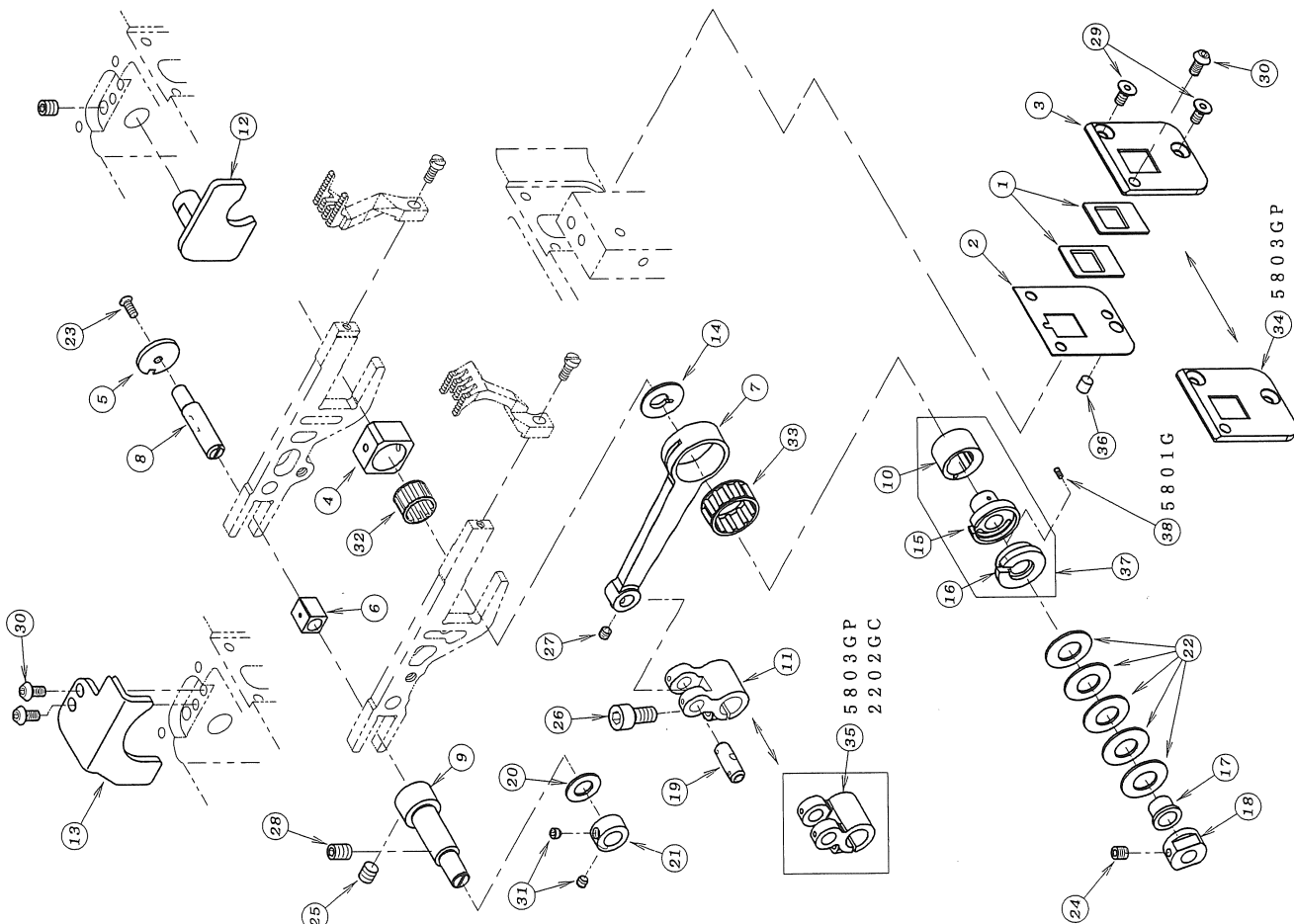
REF. NO.	PART NO.	品名	DESCRIPTION	QTY
06-01	06-239	タイミングプーリー (下)	TIMING PULLEY	1
06-02	23-341	フェルト	FELT	1
06-03	23-527	O-リング	O-RING	2
06-04	25-519	ベアリング止め板 (A)	SET PLATE (A)	1
06-05	25-520	ベアリング止め板 (B)	SET PLATE (B)	1
06-06	31-540	ポンプ駆動ギア	PUMP DRIVING WARM	1
06-07	34-826	ホ-ルベ-アリング*	BEARING	1
06-08	49-506	ハマク*リ	LOOPER THREAD TAKE-UP	1
06-09	49-507	ハマク*リ	LOOPER THREAD TAKE-UP	1
06-10	58-007	タイミングベルト	TIMING BELT	1
06-11	60-5170	ル-ハ-クランクロット*セット	LOOPER CRANK ASS'Y	1
06-12	60-8510	ベアリングセット	BEARING ASS'Y	1
06-13	60-8520	ベアリングセット	BEARING ASS'Y	1
06-14	60-8530	ベアリングセット	BEARING ASS'Y	1
06-15	60-8540	ベアリングセット	BEARING ASS'Y	1
06-16	61-510	ル-ハ- 振り玉	DRIVE BALL	1
06-17	63-507	ル-ハ- 振りロッド	CONNECTING ROD	1
06-18	69-513	振れ止め	GUIDE	1
06-19	69-544	ベアリングスリーブ	BEARING SLEEVE	1
06-20	69-548	スリーブ	SLEEVE	2
06-21	69-549	スリーブ	SLEEVE	1
06-22	69-552	V-プーリー	V-PULLEY	1
06-23	71-573	下軸 (右)	SHAFT	1
06-24	71-838	下軸クランク (7)	CRANK SHAFT (7)	1
06-25	75-271	下軸ジョイント	JOINT COLLAR	1
06-26	75-502	ワッシャー	WASHER	1
06-27	87-092	六角穴付きボルト	BOLT	1
06-28	87-172	ネジ	SCREW	13
06-29	87-214	六角穴付きボルト	BOLT	4
06-30	87-242	ネジ	SCREW	3
06-31	87-259	ネジ	SCREW	7
06-32	87-270	ネジ	SCREW	2
06-33	87-384	回り止めネジ	SCREW	1
06-34	91-883	ベ-アリング*	BEARING	2
06-35	91-994	ベ-アリング*	BEARING	1
06-36	71-839	下軸クランク (4.5)	CRANK SHAFT (4.5)	1
06-37	71-840	下軸クランク (5)	CRANK SHAFT (5)	1
06-38	71-843	下軸クランク (5)	CRANK SHAFT (5)	1
06-39	60-5171	ル-ハ-クランクロット*セット	LOOPER CRANK ASS'Y	1
06-40	60-5172	ル-ハ-クランクロット*セット	LOOPER CRANK ASS'Y	1
06-41	60-5173	ル-ハ-クランクロット*セット	LOOPER CRANK ASS'Y	1
06-42	49-508	ハマク*リ	LOOPER THREAD TAKE-UP	1

LOOPER MECHANISM, NEEDLE GUARD MECHANISM



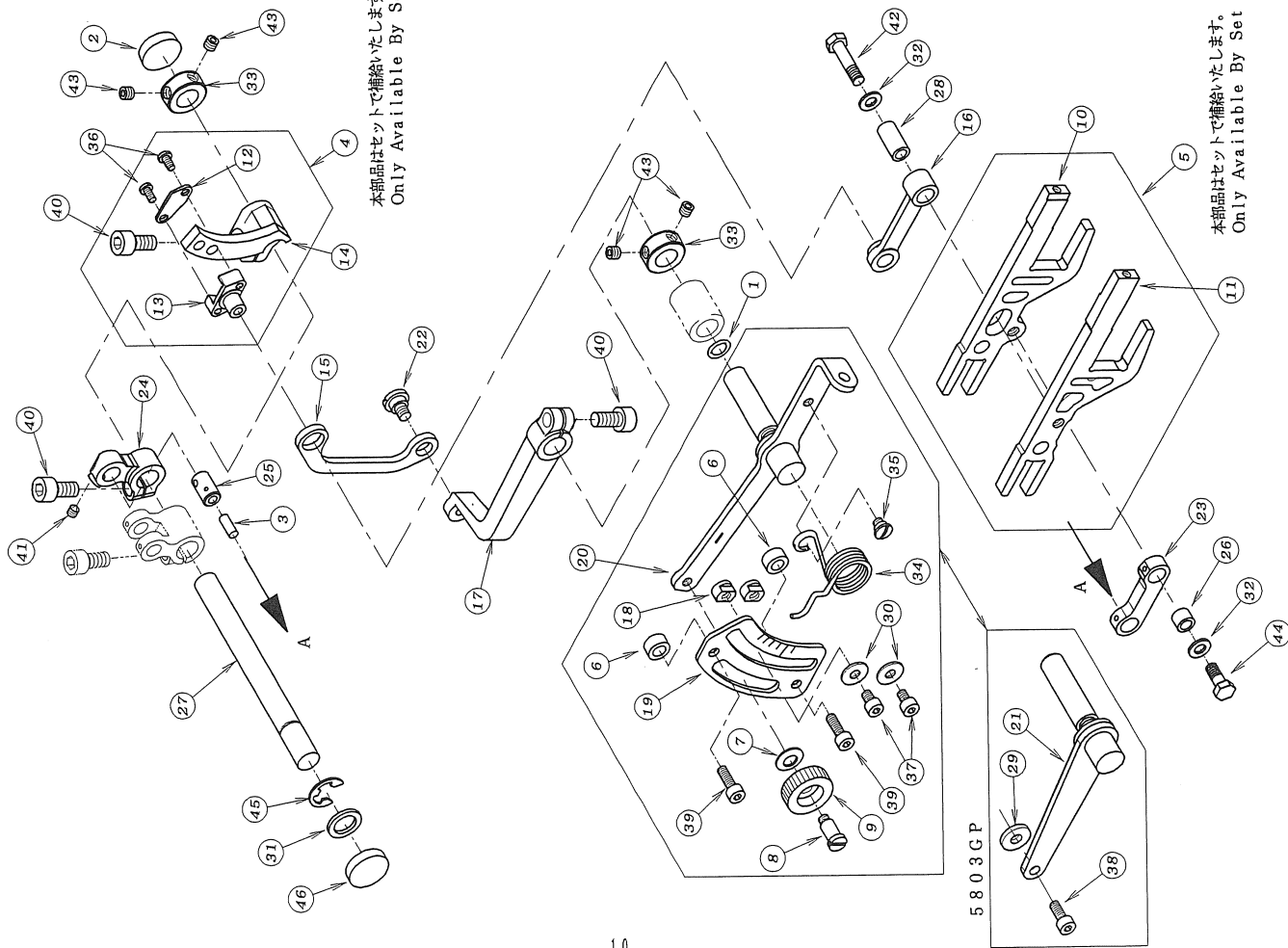
- 8 -

8. 送り機構 (1) FEED MECHANISM (1)



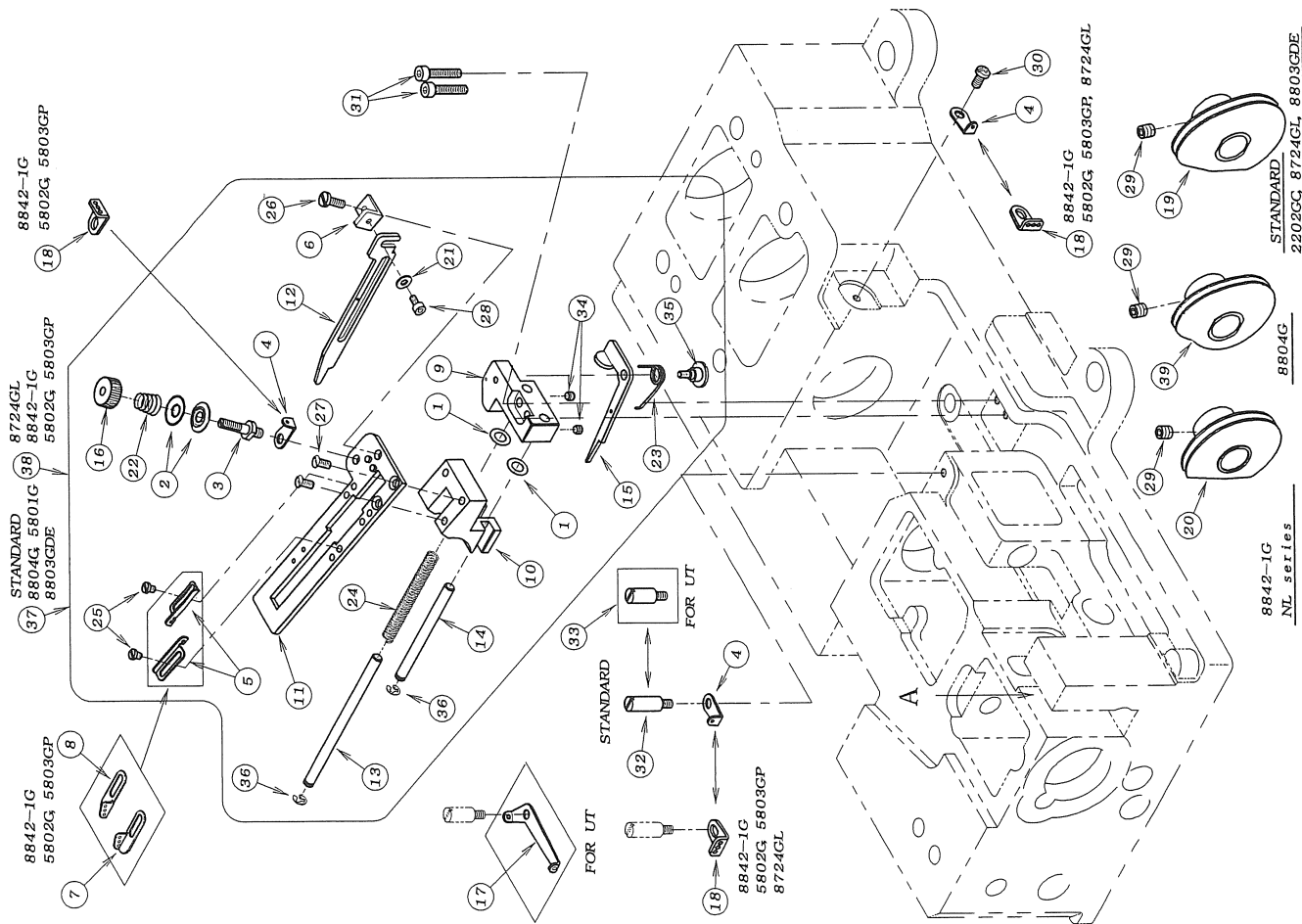
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
08-01	23-520	送り土台シールド	FEED BAR SHIELD	2
08-02	27-324	送り土台シールドプレート	FEED BAR SHIELD PLATE	1
08-03	27-325	送り土台シールドカバー	FEED BAR SHIELD COVER	1
08-04	51-832	送り上下角コ・マ	FEED BAR BLOCK	1
08-05	51-833	調節ワッシャ	WASHER	1
08-06	51-835	角コ・マ (後)	BLOCK	1
08-07	51-879	主送り連結リンク	CONNECTING LINK	1
08-08	51-881	調節エキセンピン	ECCENTRIC PIN	1
08-09	51-882	エキセン玉 (小)	BUSHING (SMALL)	1
08-10	61-537	エキセン玉 (大)	BUSHING (LARGE)	1
08-11	63-509	主送り連結レバ	LEVER	1
08-12	69-524	送り土台スラストプレート (右)	GUIDE PLATE (RIGHT)	1
08-13	69-525	送り土台スラストプレート (左)	GUIDE PLATE (LEFT)	1
08-14	69-555	スベ。ーサ	WASHER	1
08-15	69-556	送りエキセン	FEED ECCENTRIC	1
08-16	69-557	送りエキセン台	FEED ECCENTRIC BRACKET	1
08-17	69-558	ナット	NUT	1
08-18	69-559	ナット	NUT	1
08-19	71-431	ピン	PIN	1
08-20	75-542	ワッシャ	WASHER	1
08-21	75-561	カラー	COLLAR	1
08-22	79-928	皿バネ	SPRING	5
08-23	84-192	ネジ	SCREW	1
08-24	87-058	六角穴付き止めネジ M5 x 5 L	SCREW M5 x 5 L	1
08-25	87-172	ネジ	SCREW	2
08-26	87-225	六角穴付きボルト	BOLT	1
08-27	87-233	ネジ	SCREW	1
08-28	87-242	ネジ	SCREW	1
08-29	87-269	ネジ	SCREW	2
08-30	87-272	ネジ	SCREW	3
08-31	87-322	ネジ	SCREW	2
08-32	91-414	ニードルゲージ	NEEDLE BEARING	1
08-33	91-418	ニードルゲージ	NEEDLE GAUGE	1
08-34	27-357	送り土台シールドカバー	FEED BAR SHIELD COVER	1
08-35	63-520	主送り連結レバ	LEVER	1
08-36	23-548	フェルト	FELT	1
08-37	60-5180	送りエキセンセット	FEED ECCENTRIC ASS'Y	1
08-38	87-446	取ネジ	SCREW	1

9. 送り機構 (2) FEED MECHANISM (2)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
09-01	23-188	オリング	O-RING	1
09-02	23-519	コーム栓	PLUG	1
09-03	23-567	フェルト	FELT	1
09-04	50-5060	差動調節レバ'-セット	DIFFERENTIAL CONTROL LEVER SET	1
09-05	50-8280	送り土台セット	FEED BRACKET SET	1
09-06	51-805	スベ'-スカラー	COLLAR	2
09-07	51-806	皿ハ'-ネ	SPRING	1
09-08	51-807	段ネジ'	SCREW	1
09-09	51-808	ナット	NUT	1
09-10	51-829	主送り土台	MAIN FEED BRACKET	1
09-11	51-830	差動送り土台	DIFFERENTIAL FEED BRACKET	1
09-12	51-838	スラストカバー	THRUST COVER	1
09-13	51-839	差動調節スライダ'	FEED DOG ADJUST SLIDER	1
09-14	51-840	差動調節レバ'-	DIFFERENTIAL FEED CONTROL LEVER	1
09-15	51-841	差動調節リンク	DIFFERENTIAL REGULATING LINK	1
09-16	51-842	差動送り連結リンク	DIFFERENTIAL FEED CONNECTING LINK	1
09-17	51-843	差動連結レバ'-	DIFFERENTIAL CONNECTING LEVER	2
09-18	51-846	ストッパ'-	STOPPER	1
09-19	51-847	差動目盛板	DIFFERENTIAL FEED GRADUATION	1
09-20	51-867	差動レバ'-軸	SHAFT	1
09-21	51-869	差動固定レバ'-軸	SHAFT	1
09-22	51-877	差動連結ピン	DIFFERENTIAL CONNECTING PIN	1
09-23	51-880	主送り台リンク	LINK	1
09-24	63-519	主送り台レバ'-	LEVER	1
09-25	71-288	リンクピン	PIN	1
09-26	71-289	主送り連結ピン	PIN	1
09-27	71-576	送り土台シャフト	FEED BAR DRIVING SHAFT	1
09-28	71-578	差動送り連結ピン	DIFFERENTIAL FEED CONNECTING PIN	1
09-29	75-456	ワッシャ	WASHER	2
09-30	75-467	ワッシャ	WASHER	1
09-31	75-504	ワッシャ	WASHER	1
09-32	75-520	ワッシャ	WASHER	2
09-33	75-537	カラー	COLLAR	2
09-34	79-529	巻ハ'-ネ	SPRING	1
09-35	84-585	段ネジ'	SCREW	1
09-36	87-090	ネジ'	SCREW	2
09-37	87-092	六角穴付きボルト	BOLT	2
09-38	87-113	六角穴付きボルト	BOLT	1
09-39	87-129	六角穴付きボルト	BOLT	2
09-40	87-225	六角穴付きボルト	BOLT	3
09-41	87-233	ネジ'	SCREW	1
09-42	87-237	ネジ'	SCREW	1
09-43	87-274	ネジ'	SCREW	4
09-44	87-355	ネジ'	SCREW	1
09-45	93-222	エリング	E-RING	1
09-46	94-403	オイルシール	OIL SEAL	1

10. 下糸捌き機構 LOOPER THREAD MECHANISM



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
10-01	23-183	O-リング	O-RING	2
10-02	41-155	チャンボ [®] ン皿	DISC	2
10-03	41-504	調子棒	TENSION POST	1
10-04	43-519	糸道	THREAD EYELET	3
10-05	43-521	糸道	THREAD EYELET	2
10-06	43-548	糸案内取付台	HOLDER	1
10-07	43-549	ルーハ [®] - 糸道 (左)	THREAD EYELET	1
10-08	43-550	ルーハ [®] - 糸道 (右)	THREAD EYELET	1
10-09	43-561	下糸捌き土台	BRACKET	1
10-10	43-562	下糸捌きスライト [®] 土台	SLIDE BRACKET	1
10-11	43-563	下糸捌き板	SUPPORT BRACKET	1
10-12	43-564	糸案内フ [®] レート	THREAD GUIDE PLATE	1
10-13	43-565	丸棒カ [®] イト [®] (長)	GUIDE BAR (L)	1
10-14	43-566	丸棒カ [®] イト [®] (短)	GUIDE BAR (S)	1
10-15	43-567	ストップ [®] レハ [®] -	LEVER	1
10-16	43-568	小チャンボ [®] ソナット	NUT	1
10-17	45-513	小調子台糸道	THREAD GUIDE	1
10-18	47-803	ルーハ [®] - 糸道	THREAD EYELET	3
10-19	49-506	ハマク [®] リ	LOOPER THREAD TAKE-UP	1
10-20	49-507	ハマク [®] リ	LOOPER THREAD TAKE-UP	1
10-21	75-224	ワッシャ	WASHER	1
10-22	79-534	ハ [®] ネ	SPRING	1
10-23	79-564	レハ [®] - ハ [®] ネ	SPRING	1
10-24	79-565	押しハ [®] ネ	SPRING	1
10-25	84-167	ネジ [®]	SCREW	2
10-26	84-363	ネジ [®]	SCREW	1
10-27	84-462	ネジ [®]	SCREW	2
10-28	87-123	六角穴付きボルト	BOLT	1
10-29	87-172	ネジ [®]	SCREW	3
10-30	87-482	プラマイナベ小ねじ	SCREW	1
10-31	87-230	六角穴付きボルト	BOLT	2
10-32	87-268	カハ [®] - ストップ [®] ネジ [®]	SCREW	1
10-33	87-310	カハ [®] - ストップ [®] ネジ [®]	SCREW	1
10-34	87-322	ネジ [®]	SCREW	2
10-35	87-334	レハ [®] - 止めネジ [®]	SCREW	1
10-36	93-201	エリンダ	E-RING	2
10-37	40-5490	下糸捌きセット	LOOPER THREAD EYELET ASS'Y	1
10-38	40-5620	下糸捌きセット	LOOPER THREAD EYELET ASS'Y	1
10-39	49-508	ハマク [®] リ	LOOPER THREAD TAKE-UP	1

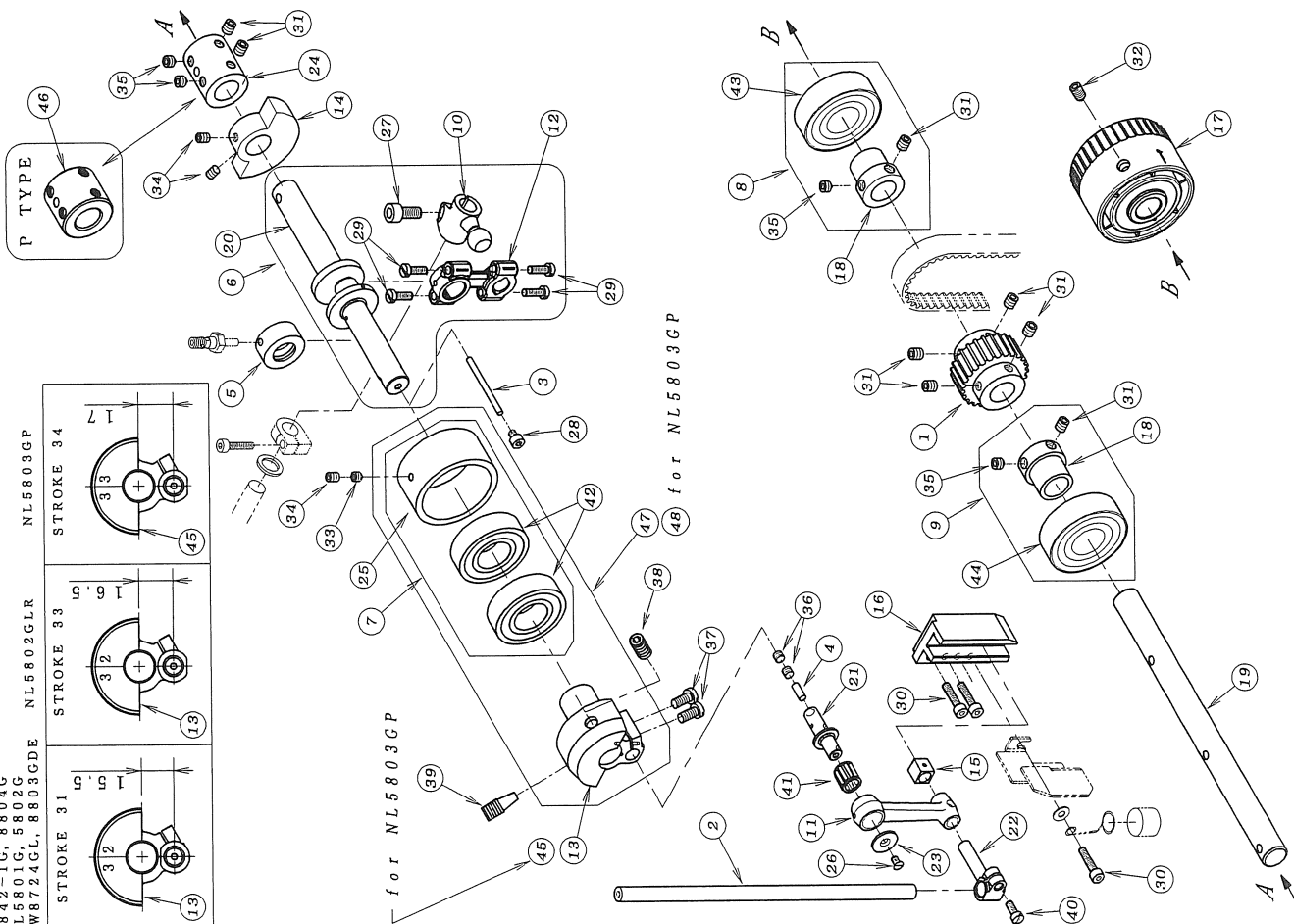
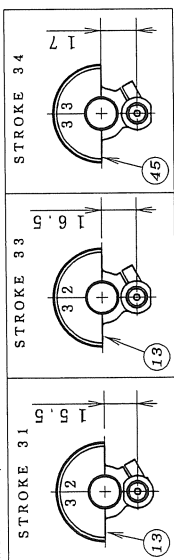
11. 針棒上軸機構 NEEDLE BAR MECHANISM

NW STANDARD
8842-1G, 8804G
NL5801G, 5802G
NW8724GL, 8803GDE

NL5803GP

NL5802GLR

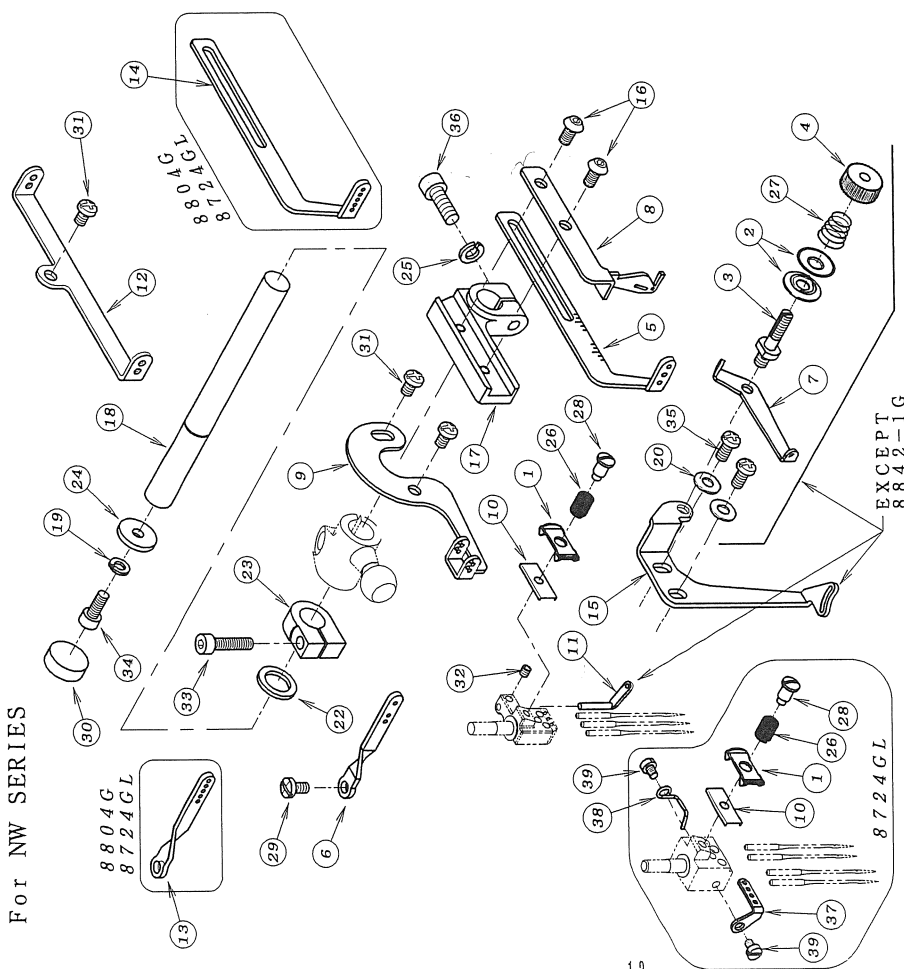
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REF. NO.	PART NO.	品名	DESCRIPTION	QTY
11-01	06-238	タイミングプーリー (上)	TIMING PULLEY	1
11-02	11-409	針棒	NEEDLE BAR	1
11-03	23-063	フェルト	FELT	1
11-04	23-567	フェルト	FELT	1
11-05	35-559	オイルスリーブ	OIL SLEEVE	1
11-06	60-5160	上軸左側きロッド・セット	CONNECTING ROD ASS'Y	1
11-07	60-8490	ベアリングセット	BEARING ASS'Y	1
11-08	60-8500	ベアリングセット	BEARING ASS'Y	1
11-09	60-8510	ベアリングセット	BEARING ASS'Y	1
11-10	61-745	針棒側きロッド玉	ECCENTRIC	1
11-11	63-427	針棒リンク	LINK	1
11-12	63-518	針棒側きロッド	CONNECTING ROD	1
11-13	66-523	針棒クランク (32)	NEEDLE CRANK ASS'Y	1
11-14	69-142	クランクモーション	BALANCE WEIGHT	1
11-15	69-532	角コマ	BLOCK	1
11-16	69-533	針棒カイト	GUIDE	1
11-17	69-545	ハンドプーリー	HAND WHEEL	1
11-18	69-544	ベアリングスリーブ	BEARING SLEEVE	2
11-19	71-830	上軸 (右)	UPPER SHAFT (RIGHT)	1
11-20	71-836	上軸 (左)	UPPER SHAFT (LEFT)	1
11-21	71-837	針棒リンクピッチ (0.5)	LINK PIN	1
11-22	73-504	針棒抱き	NEEDLE BAR BRACKET	1
11-23	75-004	針棒リンクエント・プーレート	WASHER	1
11-24	75-271	シ・ポイント	JOINT COLLAR	1
11-25	81-585	ベアリングハウジング	BEARING HOUSING	1
11-26	84-463	ネジ	SCREW	1
11-27	87-057	六角穴付ボルト M6 x 14L	SCREW M6 x 14L	1
11-28	87-067	六角穴付ボルト	BOLT	1
11-29	87-097	ネジ	SCREW	4
11-30	87-112	六角穴付ボルト	BOLT	3
11-31	87-172	ネジ	SCREW	8
11-32	87-241	ネジ	SCREW	1
11-33	87-253	ネジ	SCREW	1
11-34	87-254	ネジ	SCREW	3
11-35	87-259	ネジ	SCREW	4
11-36	87-274	ネジ	SCREW	2
11-37	87-278	ネジ	SCREW	2
11-38	87-368	ネジ	SCREW	1
11-39	87-369	ネジ	SCREW	1
11-40	87-520	ネジ	SCREW	1
11-41	91-264	ニート・ルベ・アリング	BEARING	1
11-42	91-888	ベアリング	BEARING	2
11-43	91-894	ベアリング	BEARING	1
11-44	91-994	ベアリング	BEARING	1
11-45	66-525	針棒クランク (33)	NEEDLE CRANK ASS'Y	1
11-46	75-273	上軸ジョイント	UPPER SHAFT JOINT	1
11-47	60-8492	ベアリングセット	BEARING ASS'Y	1
11-48	60-8493	ベアリングセット	BEARING ASS'Y	1

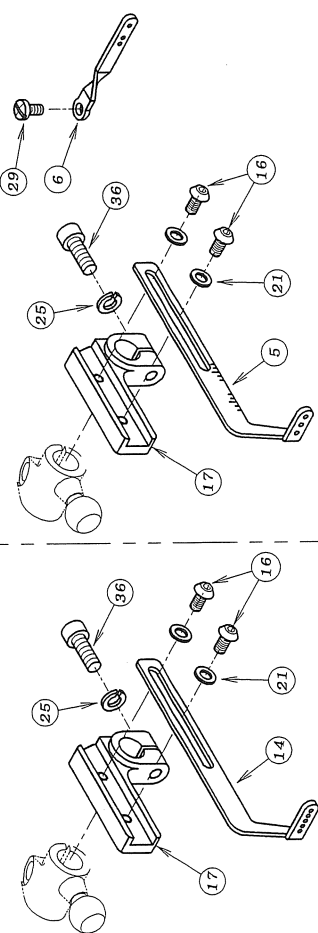
12. 上糸捌き機構 NEEDLE THREAD MECHANISM

For NW SERIES



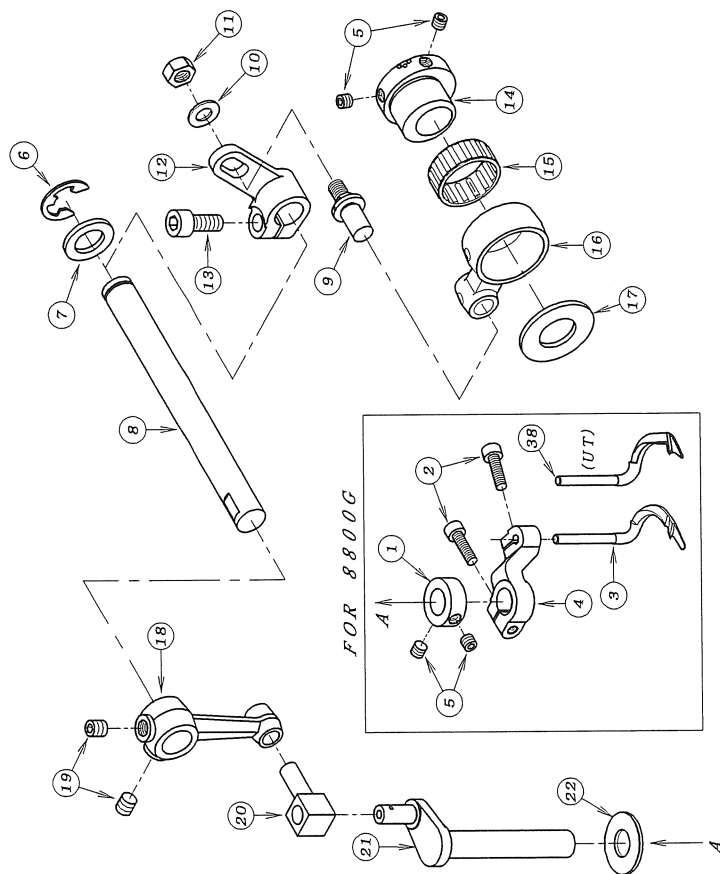
For 8724GL

For NL SERIES

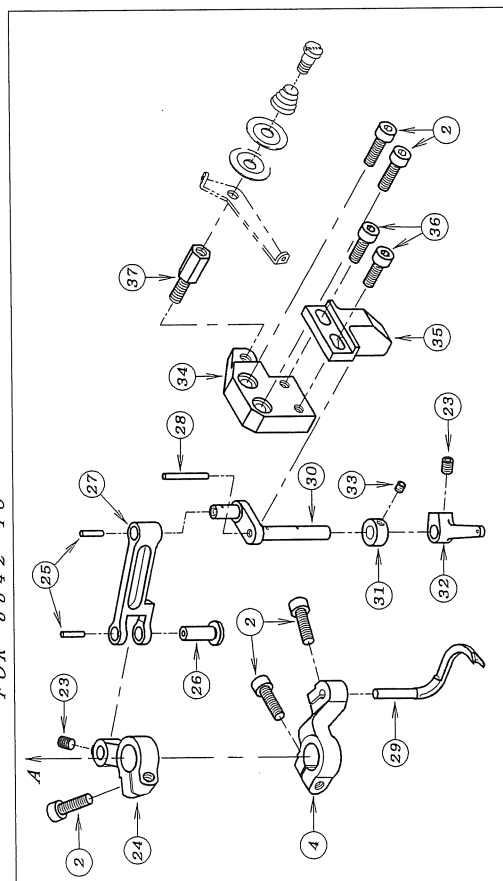


REF. NO.	PART NO.	品 名	DESCRIPTION	QTY
12-01	41-021	カメラ道	THREAD NIPPER	1
12-02	41-155	チャボ'ン皿	DISC	2
12-03	41-504	調子棒	TENSION POST	1
12-04	43-568	小チャボ'ンナット	NUT	1
12-05	45-032	針糸サバキ	NEEDLE THREAD TAKE-UP	1
12-06	45-035	針機糸道	THREAD EYELET	1
12-07	45-036	糸道	THREAD EYELET	1
12-08	45-502	飾り糸捌き	THREAD TAKE-UP	1
12-09	45-507	飾り糸捌き糸道	THREAD EYELET	1
12-10	45-508	針機糸捌き板	PLATE	1
12-11	45-514	飾り糸道	THREAD EYELET	1
12-12	45-515	飾り糸道	THREAD EYELET	1
12-13	45-535	針機糸道	THREAD EYELET	1
12-14	45-536	針糸捌き	NEEDLE THREAD TAKE-UP	1
12-15	45-539	飾り糸案内	BRACKET	1
12-16	87-272	ネジ	SCREW	2
12-17	67-502	針糸捌き取付台	LEVER	1
12-18	71-514	針糸捌きシャフト	SHAFT	1
12-19	75-410	スプリング'ワッシャ	SPRING WASHER	1
12-20	75-455	ワッシャ	WASHER	2
12-21	75-468	ワッシャ	WASHER	2
12-22	75-504	ワッシャ	WASHER	1
12-23	75-505	カラー	COLLAR	1
12-24	75-508	ワッシャ	WASHER	1
12-25	75-526	スプリング'ワッシャ	SPRING WASHER	1
12-26	79-025	カメラ道バネ	SPRING	1
12-27	79-534	ハネ	SPRING	1
12-28	84-021	ハネ'イト'ネジ	SCREW	1
12-29	84-374	ネジ	SCREW	1
12-30	94-504	シールキャップ	PLUG	1
12-31	87-481	ブラマイナベ小ねじ	SCREW	3
12-32	87-104	ネジ	SCREW	1
12-33	87-112	六角穴付きボルト	BOLT	1
12-34	87-113	六角穴付きボルト	BOLT	1
12-35	87-482	ブラマイナベ小ねじ	SCREW	2
12-36	87-224	六角穴付きボルト	BOLT	1
12-37	45-804	針機糸道前	FRONT THREAD EYELET	1
12-38	45-805	針機糸道後	REAR THREAD EYELET	1
12-39	87-095	ネジ	SCREW	2

13. 上飾り機構 SPREADER DRIVE MECHANISM

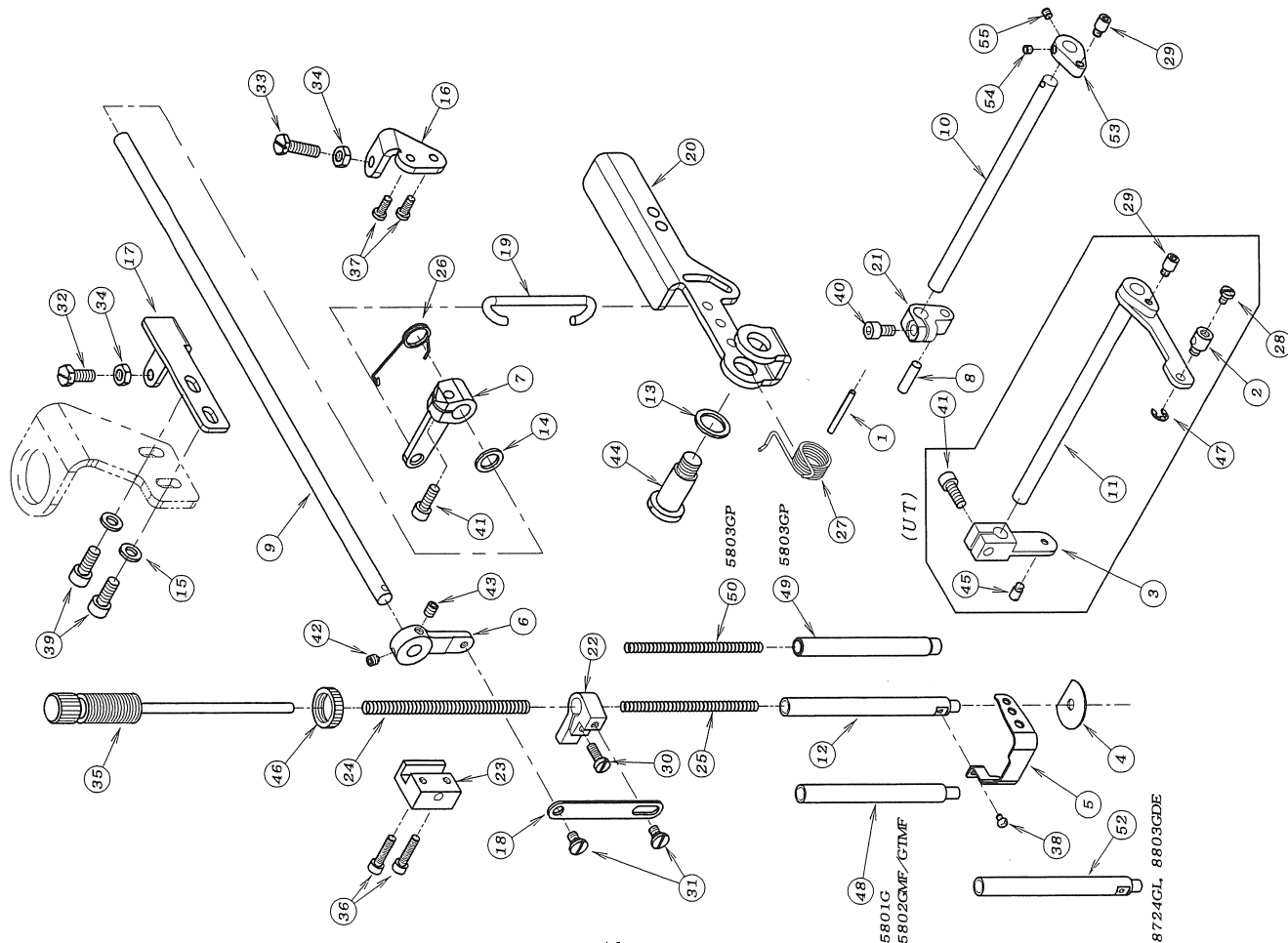


FOR 8842-1G



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
13-01	75-537	φ10スラストカラー	COLLAR φ10	1
13-02	87-214	ネジ	SCREW	*
13-03	19-751	飾りループ -	SPREADER	1
13-04	04-501	スプレッダーホルダー	HOLDER	1
13-05	87-274	ネジ	SCREW	4
13-06	93-202	E型バネ10	E-RING	1
13-07	75-509	ワッシャー	WASHER	1
13-08	71-513	飾り軸受軸	SHAFT	1
13-09	04-502	飾り軸受軸 - ピン	PIN	1
13-10	75-452	ワッシャー	WASHER	1
13-11	88-166	ナット	NUT	1
13-12	67-510	飾り振子レバ -	LEVER	1
13-13	87-171	ネジ	SCREW	1
13-14	61-527	飾りエキセン玉	ECCENTRIC	1
13-15	91-416	ペアリング	NEEDLE BEARING	1
13-16	63-500	飾り振子ロッド	CONNECTING ROD	1
13-17	75-502	軸受スベ - スワッシャー	WASHER	1
13-18	67-511	ループ - 振子レバ -	LEVER	1
13-19	87-172	ネジ	SCREW	2
13-20	04-508	通孔ピン	PIN	1
13-21	04-507	飾りループ - 棒	CRANK	1
13-22	75-549	ワッシャー	WASHER	1
13-23	87-181	ネジ	SCREW	2
13-24	67-512	飾り振子レバ -	LEVER	1
13-25	23-553	フェルト	FELT	2
13-26	71-536	ピン	PIN	1
13-27	04-510	リンク	LINK	1
13-28	23-531	フェルト	FELT	1
13-29	19-495	飾りループ -	SPREADER	1
13-30	04-514	飾り軸受軸	SHAFT	1
13-31	75-544	カラー	COLLER	1
13-32	45-557	糸道	THREAD EYELET	1
13-33	87-104	ネジ	SCREW	1
13-34	04-513	ベ - スプレッダー	BRACKET	1
13-35	04-512	飾り軸受軸	BRACKET	1
13-36	87-129	ネジ	SCREW	2
13-37	06-751	スタッドボルト	SCREW	1
13-38	19-505	飾りループ -	SPREADER	1

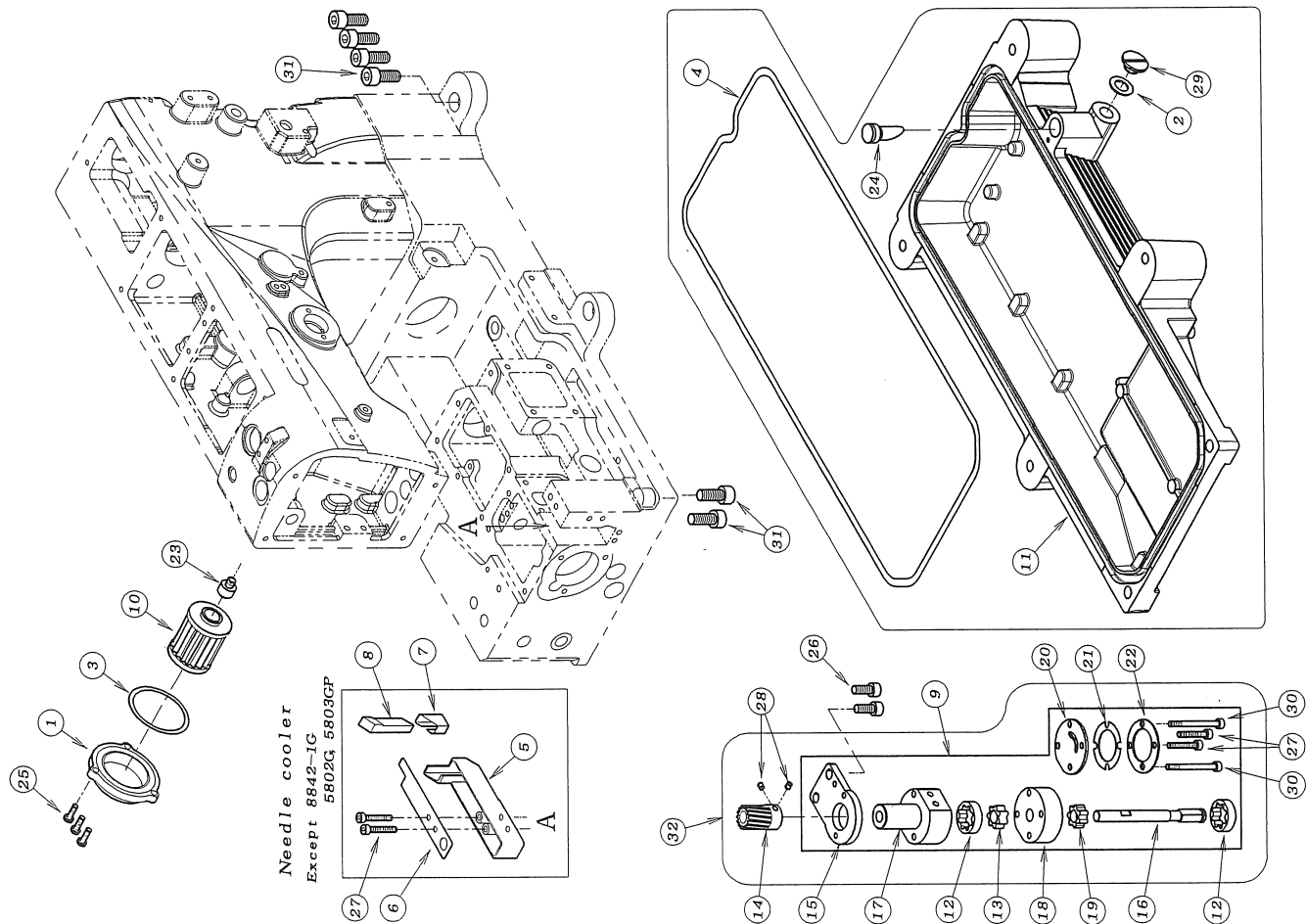
14. 押え揚げ機構 PRESSER FOOT MECHANISM



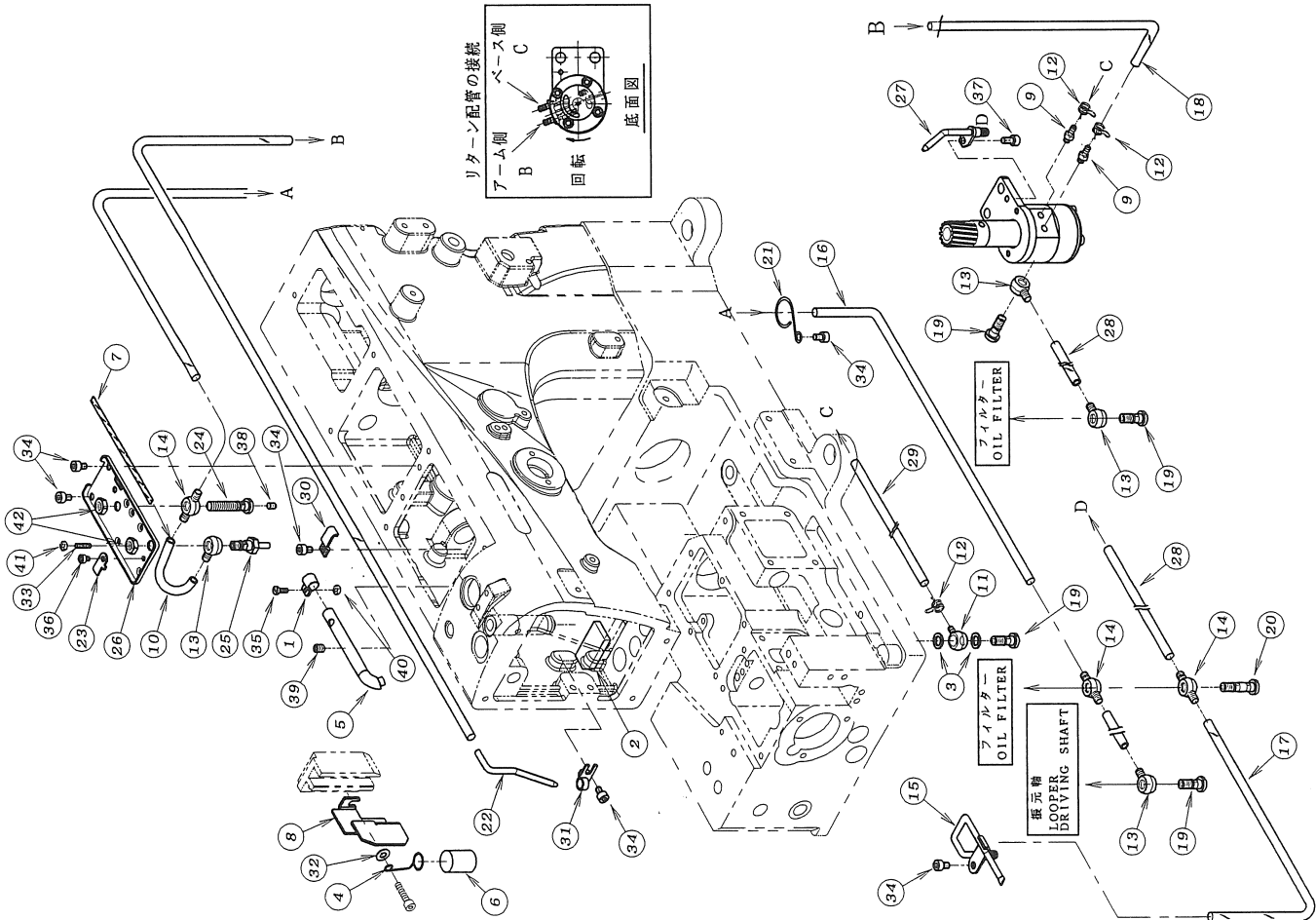
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
14-0105-404	スプリングピン	SPRING PIN		1
14-0205-853	糸巻め連結片	HOLDER		1
14-0305-958	クランクレバ -	LEVER		1
14-0423-018	押え棒油止シール	SEAL		1
14-0527-232	フィンガ - ガ - ート	FINGER GUARD		1
14-0667-036	レバ -	LEVER		1
14-0767-037	レバ -	LEVER		1
14-0871-203	平行ピン	PIN		1
14-0971-278	連動シャフト	SHAFT		1
14-1071-270	糸巻メ軸	SHAFT		1
14-1171-280	レバ - シャフト (UTC)	SHAFT		1
14-1271-515	押え棒	PRESSER FOOT BAR		1
14-1375-332	ワッシャ	WASHER		1
14-1475-504	ワッシャ	WASHER		1
14-1575-552	ワッシャ	WASHER		2
14-1677-030	ブラケット	BRACKET		1
14-1777-033	押え浮かしストッパ	STOPPER		1
14-1877-051	連結プレート	PLATE		1
14-1977-052	リンク	LINK		1
14-2077-053	押揚ケ - レバ -	LEVER		1
14-2177-504	押え揚クランク	CRANK		1
14-2277-510	押え棒抱き	CLAMP		1
14-2377-511	押え棒ガイド	GUIDE		1
14-2479-022	押エ棒ハ - ネ (上)	SPRING		1
14-2579-023	押エ棒ハ - ネ (下)	SPRING		1
14-2679-024	巻きハ - ネ	SPRING		1
14-2779-423	巻きバネ	SPRING		1
14-2884-361	ネジ	SCREW		1
14-2984-561	ネジ	SCREW		2
14-3084-566	ネジ	SCREW		1
14-3184-581	段ネジ	SCREW		2
14-3284-818	六角ボルト	BOLT		1
14-3384-813	ネジ	SCREW		1
14-3486-411	ナット	NUT		2
14-3587-001	押え棒筒ネジ	SCREW		1
14-3687-112	六角穴付きボルト	BOLT		2
14-3787-483	プラマイナベ小ねじ	SCREW		2
14-3887-476	プラマイナベ小ねじ	SCREW		1
14-3987-171	六角穴付きボルト	BOLT		2
14-4087-213	六角穴付きボルト	BOLT		1
14-4187-224	六角穴付きボルト	BOLT		2
14-4287-253	ネジ	SCREW		1
14-4387-254	ネジ	SCREW		1
14-4487-404	段付ネジ	SCREW		1
14-4587-423	段ネジ	SCREW		1
14-4688-003	筒ネジ	NUT		1
14-4793-205	Eリング	E-RING		1
14-4871-679	押え棒	PRESSER FOOT BAR		1
14-4971-764	押え棒	PRESSER FOOT BAR		1
14-5079-560	押え棒バネ (小)	SPRING		1
14-5177-033	押え浮かしストッパ	STOPPER		1
14-5271-568	押え棒	PRESSER FOOT BAR		1
14-5377-270	糸巻めプレート	PLATE		1
14-5487-233	ネジ	SCREW		1
14-5587-286	ネジ	SCREW		1

15. 給油機構 (1) LUBRICATION MECHANISM (1)

REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
15-01	21-632W	オイルフィルタ-キャップ	OIL FILTER CAP	1
15-02	23-304	シール	SEAL	1
15-03	23-506	O-RING	O-RING	1
15-04	23-524	O-RING	O-RING	1
15-05	27-537	ニードルクーラー	NEEDLE COOLER	1
15-06	27-538	ニードルクーラー-フタ	NEEDLE COOLER COVER	1
15-07	27-539	フェルトカバー	FELT GUARD	1
15-08	27-540	ニードルクーラー-フェルト	FELT	1
15-09	30-0019	ポンプ セット	PUMP ASS'Y	1
15-10	31-222	フィルタ	OIL FILTER	1
15-11	31-518	オイルタンク	OIL TANK	1
15-12	31-530	アウトローター	OUTER ROTER	2
15-13	31-531	インナーローター	INNER ROTER	1
15-14	31-539	ポンプギア	PUMP GEAR	1
15-15	31-549	ポンプ 取付板	PLATE	1
15-16	31-542	ポンプ 軸	PUMP SHAFT	1
15-17	31-543	ポンプ ハウジング (上)	PUMP HOUSING	1
15-18	31-544	ポンプ ハウジング (下)	PUMP HOUSING	1
15-19	31-545	インナーローター	INNER ROTER	1
15-20	31-546	ポンプ 裏板	PLATE	1
15-21	31-547	ポンプ メッシュ	PUMP MESH	1
15-22	31-548	ポンプ メッシュ止め板	PLATE	1
15-23	35-509	継手	JOINT	1
15-24	39-219	オイルゲージ	OIL GAUGE	1
15-25	87-484	ブラマイナベ小ねじ	SCREW	3
15-26	87-171	六角穴付きボルト	BOLT	2
15-27	87-285	六角穴付きボルト	BOLT	4
15-28	87-286	ネジ	SCREW	2
15-29	87-311	フタネジ	SCREW	1
15-30	87-391	六角穴付きボルト	BOLT	2
15-31	87-663	六角穴付きボルト	BOLT	6
15-32	30-0020	ポンプ セット	PUMP ASS'Y	1



16. 給油機構 (2) LUBRICATION MECHANISM (2)



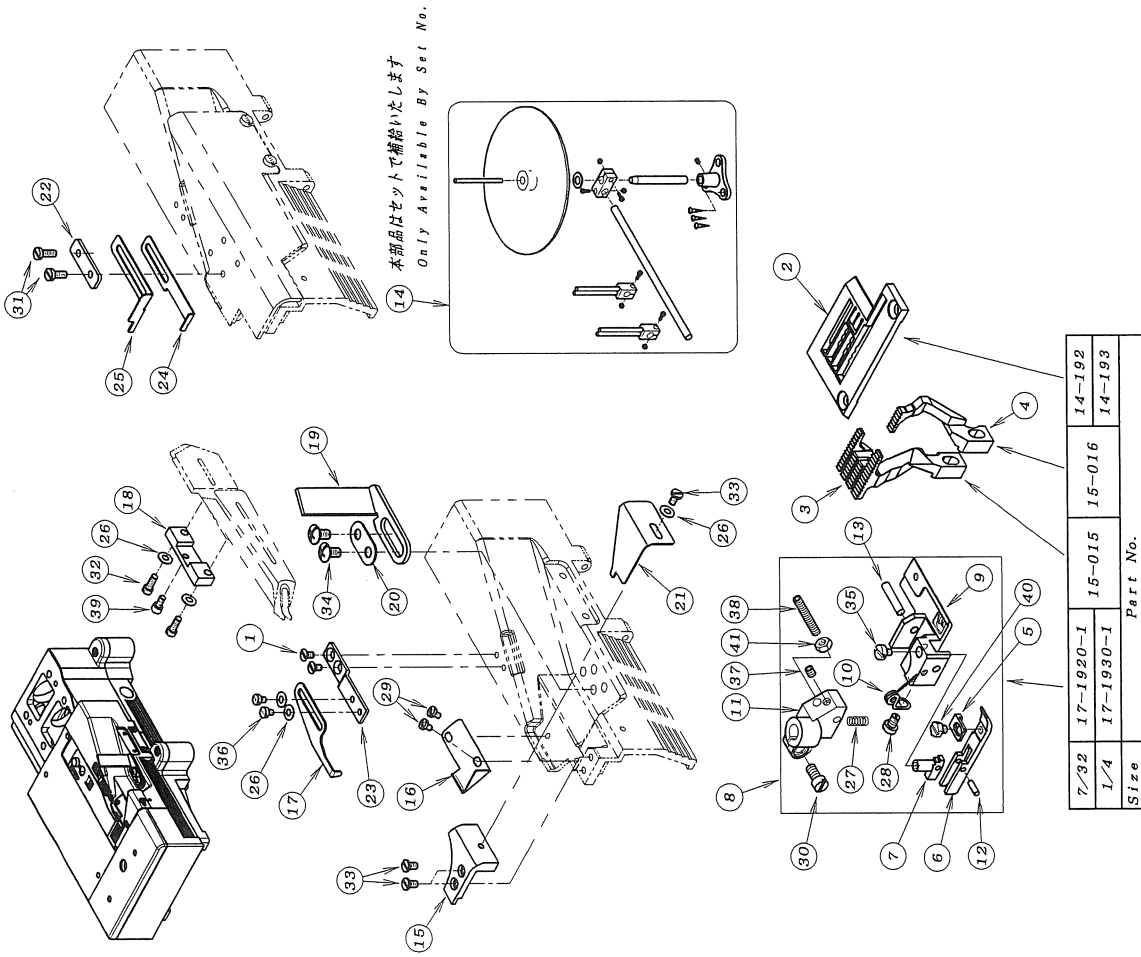
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
16-01	07-008	調節バンド	BAND	1
16-02	23-386	フェルト	FELT	1
16-03	23-514	シヨイソトシール	JOINT SEAL	2
16-04	23-558	給油サポ [°] ート	SUPPORT	1
16-05	23-560	給油ハ [°] イプ [°]	PIPE	1
16-06	23-559	スボ [°] ンジ [°]	SPONGE	1
16-07	23-574	フェルト	FELT	1
16-08	27-301	オイルフエンス	OIL COVER	1
16-09	31-314	継手	JOINT	2
16-10	35-005	ヒ [°] ニールチューブ [°] 80L	TUBE	1
16-11	35-361	片口管継手 (小)	JOINT	1
16-12	35-413	止め金具	CLAMP	3
16-13	35-505	片口継手	JOINT	4
16-14	35-506	両口管継手	JOINT	3
16-15	35-514	給油配管	OIL DISTRIBUTOR	1
16-16	35-517	ヒ [°] ニールチューブ [°] 540L	TUBE	1
16-17	35-519	ヒ [°] ニールチューブ [°]	TUBE	2
16-18	35-521	ヒ [°] ニールチューブ [°]	TUBE	1
16-19	35-528	管継手ホ [°] ルト	JOINT SCREW	4
16-20	35-529	管継手ホ [°] ルト	JOINT SCREW	1
16-21	35-530	チューブ [°] ハ [°] ント [°]	CLAMP	1
16-22	35-540	リターン用ハ [°] イプ [°]	PIPE	1
16-23	35-551	油調節ブ [°] レート	PLATE	1
16-24	35-556	オイル噴出し継手	JOINT SCREW	1
16-25	35-557	ノス [°] ル	OIL SIGHT TOP NOZZLE	1
16-26	35-558	油受け	OIL RELEASER	1
16-27	35-560	ホ [°] ソフ [°] キ [°] ヤ給油配管	PIPE	1
16-28	35-561	ヒ [°] ニールチューブ [°]	TUBE (φ6xφ4x, 170L)	2
16-29	35-317	ヒ [°] ニールチューブ [°]	TUBE (φ6xφ3, 290L)	1
16-30	39-139	ハ [°] イプ [°] サボ [°] ート	PIPE SUPPORT	1
16-31	39-501	配管止め	CLAMP	1
16-32	75-455	ワッシャ	WASHER	1
16-33	87-072	六角穴付止めねじ	SCREW	1
16-34	87-092	六角穴付きボルト	BOLT	6
16-35	87-128	ネジ	SCREW	1
16-36	87-142	ネジ	SCREW	1
16-37	87-177	六角穴付きボルト	BOLT	1
16-38	87-181	ネジ	SCREW	1
16-39	87-254	ネジ	SCREW	1
16-40	88-136	ナット	NUT	1
16-41	88-137	ナット	NUT	1
16-42	88-165	六角ナット	NUT	2

17. MG専用アクセサリ-部品 (同梱品)

MODEL MG EXCLUSIVE ACCESSORIES

Fタイプ
MODEL F

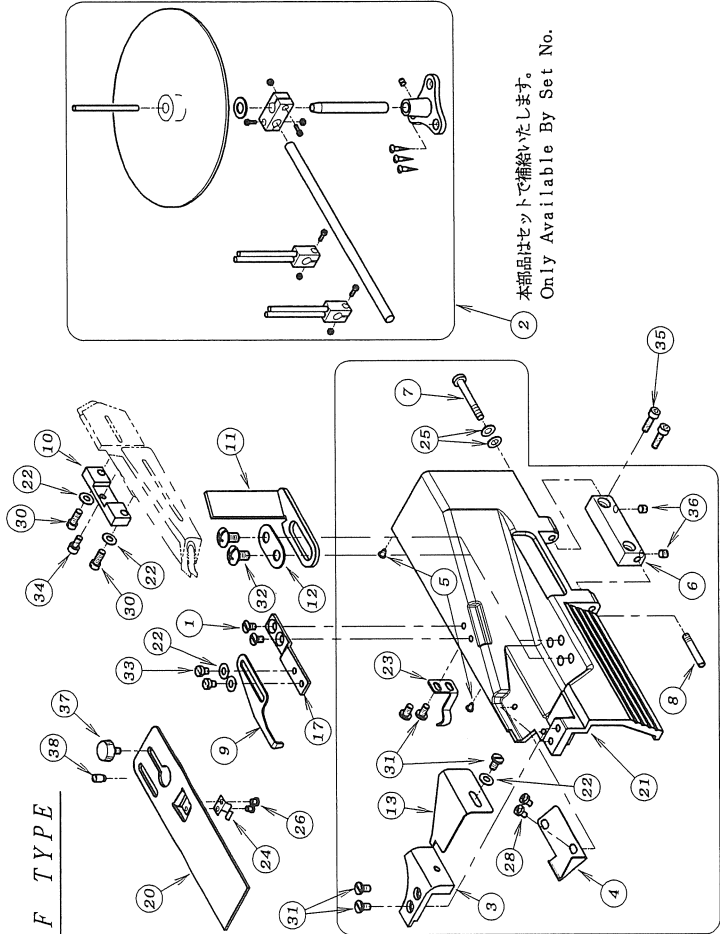
Aタイプ
MODEL A



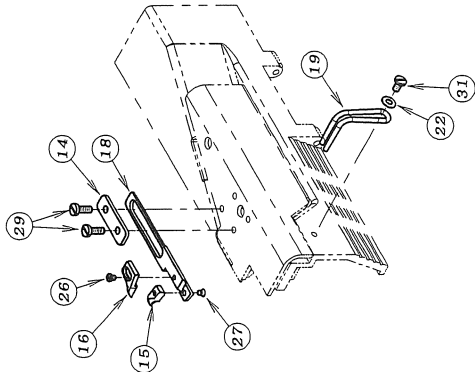
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
17-01	05-074	ネジ	SCREW	2
17-02	*	斜板	NEEDLE PLATE	1
17-03	15-015	後送歯	REAR FEED DOG	1
17-04	15-016	前送歯	FRONT FEED DOG	1
17-05	17-1760-K	テープガイド*	TAPE GUIDE	1
17-06	17-1760-Y	押えガイド足	GUIDE BRACKET	1
17-07	17-1760-Z	ガイド足金具	GUIDE PIN	1
17-08	*	押えセット	PRESSER FOOT A' SSSY	1
17-09	*	押え足	BOTTOM	1
17-10	17-7490-L	押え足ハネ	SPRING	1
17-11	17-7760-A	押えホス	SHANK	1
17-12	17-7760-D	ピン	PIN	1
17-13	17-7760-E	ピン	PIN	1
17-14	20-6150	テープガイド*セット	TAPE GUIDE ASSEMBLY	1
17-15	21-822	前カバー (小)	FRONT COVER (S)	1
17-16	21-986	防塵カバー	DUSTPROOF COVER	1
17-17	26-008	テープガイド	GUIDE	1
17-18	26-724	F用ラッパ* 絶き	FOLDER BASE FOR F	1
17-19	26-821	F用ラッパ* 取付台	FOLDER BASE	1
17-20	26-822	ラッパ* 取付金具	PLATE	1
17-21	26-823	F用前定規	GUIDE PLATE FOR F	1
17-22	26-825	ガイド* 固定板	GUIDE FIXING PLATE	1
17-23	26-835	テープガイド取付台 (F用)	GUIDE SUPPORT	1
17-24	26-837	A用ガイド (左)	GUIDE (LEFT)	1
17-25	26-838	A用ガイド (右)	GUIDE (RIGHT)	1
17-26	75-455	ワッシャ	WASHER	5
17-27	79-191	ハネ	SPRING	1
17-28	84-161	ネジ	SCREW	1
17-29	84-361	ネジ	SCREW	2
17-30	84-382	ネジ	SCREW	1
17-31	84-566	ネジ	SCREW	2
17-32	84-572	ネジ	SCREW	2
17-33	84-574	ネジ	SCREW	3
17-34	85-182	ネジ	SCREW	2
17-35	85-621	ネジ	SCREW	1
17-36	87-098	ネジ	SCREW	2
17-37	87-104	ネジ	SCREW	1
17-38	87-130	ネジ	SCREW	1
17-39	87-177	六角穴付きボルト	BOLT	1
17-40	87-397	テープガイド* 取付ネジ	BOLT	1
17-41	88-136	ナット	NUT	1

18. Fタイプ, CLタイプ専用部品 MODEL F, CL EXCLUSIVE PARTS

F TYPE

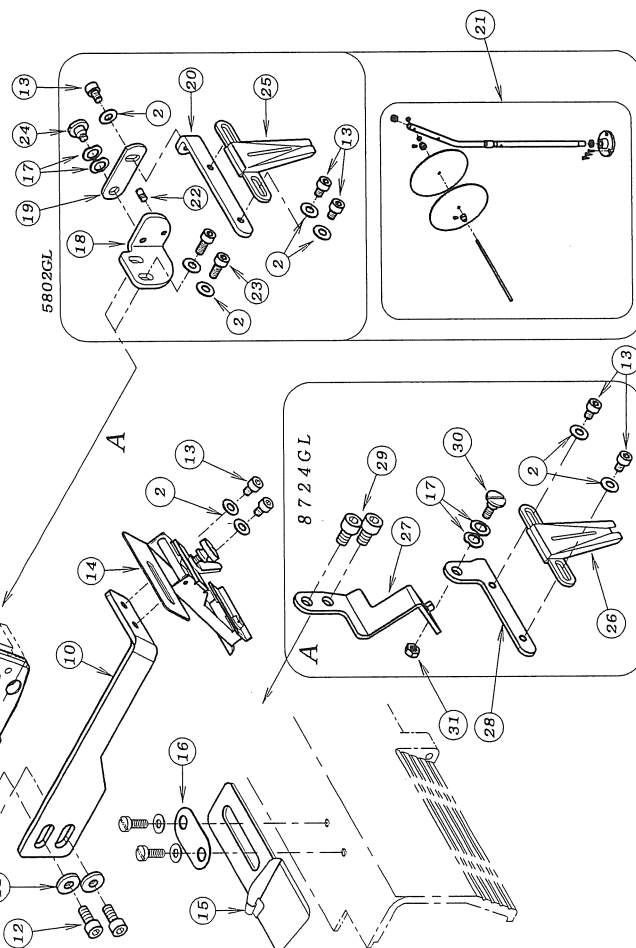
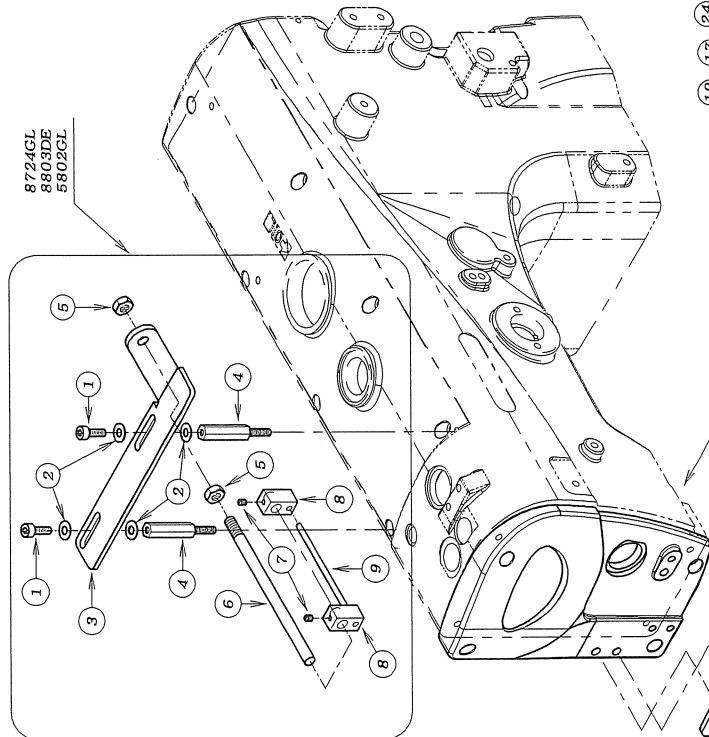


CL TYPE



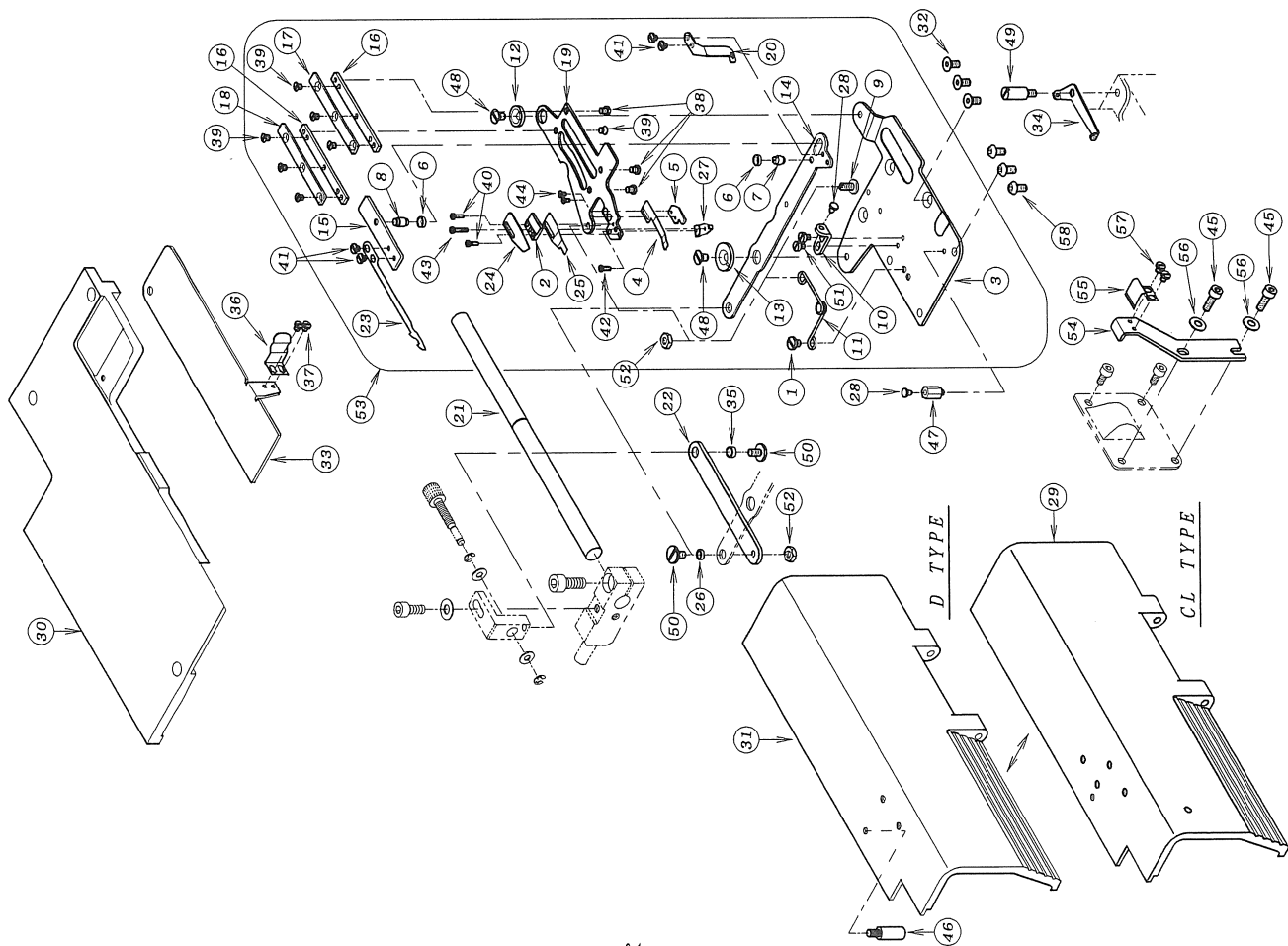
REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
18-01	05-074	ネジ	SCREW	2
18-02	20-6150	テープガイドセット	TAPE GUIDE ASSEMBLY	1
18-03	21-822	前カバー (小)	FRONT COVER (S)	1
18-04	21-986	防塵カバー	DUSTPROOF COVER	1
18-05	23-512	クッションゴム	CUSHION RUBBER	2
18-06	25-516W	定規台ヒンジ	HINGE	1
18-07	25-517	ヒンジ ネジ	SCREW	1
18-08	25-527	カバーヒンジ ネジ	SCREW	1
18-09	26-008	テープガイド	GUIDE	1
18-10	26-724	F用ラッパ 地金	FOLDER BASE FOR F	1
18-11	26-821	F用ラッパ 取付台	FOLDER BASE	1
18-12	26-822	ラッパ 取付金具	PLATE	1
18-13	26-823	F用前定規	GUIDE PLATE FOR F	1
18-14	26-825	ガイド 固定板	GUIDE FIXING PLATE	1
18-15	26-826	布ガイド (左) A	LEFT SIDE GUIDE	1
18-16	26-827	布ガイド (右) A	RIGHT SIDE GUIDE	1
18-17	26-835	テープガイド取付台 (F用)	GUIDE SUPPORT	1
18-18	26-839	ガイド取付板 (C用)	GUIDE SUPPORT (COVERING)	1
18-19	26-840	前ガイド	FRONT GUIDE (COVERING)	1
18-20	27-167	前ベースカバー	FRONT BASE COVER	1
18-21	21-821W	前カバー	FRONT COVER	1
18-22	75-455	ワッシャー	WASHER	6
18-23	79-530	前カバー止めネジ	SPRING	1
18-24	79-801	バネ	SPRING	1
18-25	79-922	皿ネジ	SPRING	2
18-26	84-167	ネジ	SCREW	3
18-27	84-193	ネジ	SCREW	1
18-28	84-361	ネジ	SCREW	2
18-29	84-566	ネジ	SCREW	2
18-30	84-572	ネジ	SCREW	2
18-31	84-574	ネジ	SCREW	6
18-32	85-182	ネジ	SCREW	2
18-33	87-098	ネジ	SCREW	2
18-34	87-177	六角穴付きボルト	BOLT	1
18-35	87-214	六角穴付きボルト	BOLT	2
18-36	87-274	ネジ	SCREW	2
18-37	87-292	調節ネジ	SCREW	1
18-38	87-423	段ネジ	SCREW	1

19. DE/Lタイプ専用部品 MODEL DE/L EXCLUSIVE PARTS



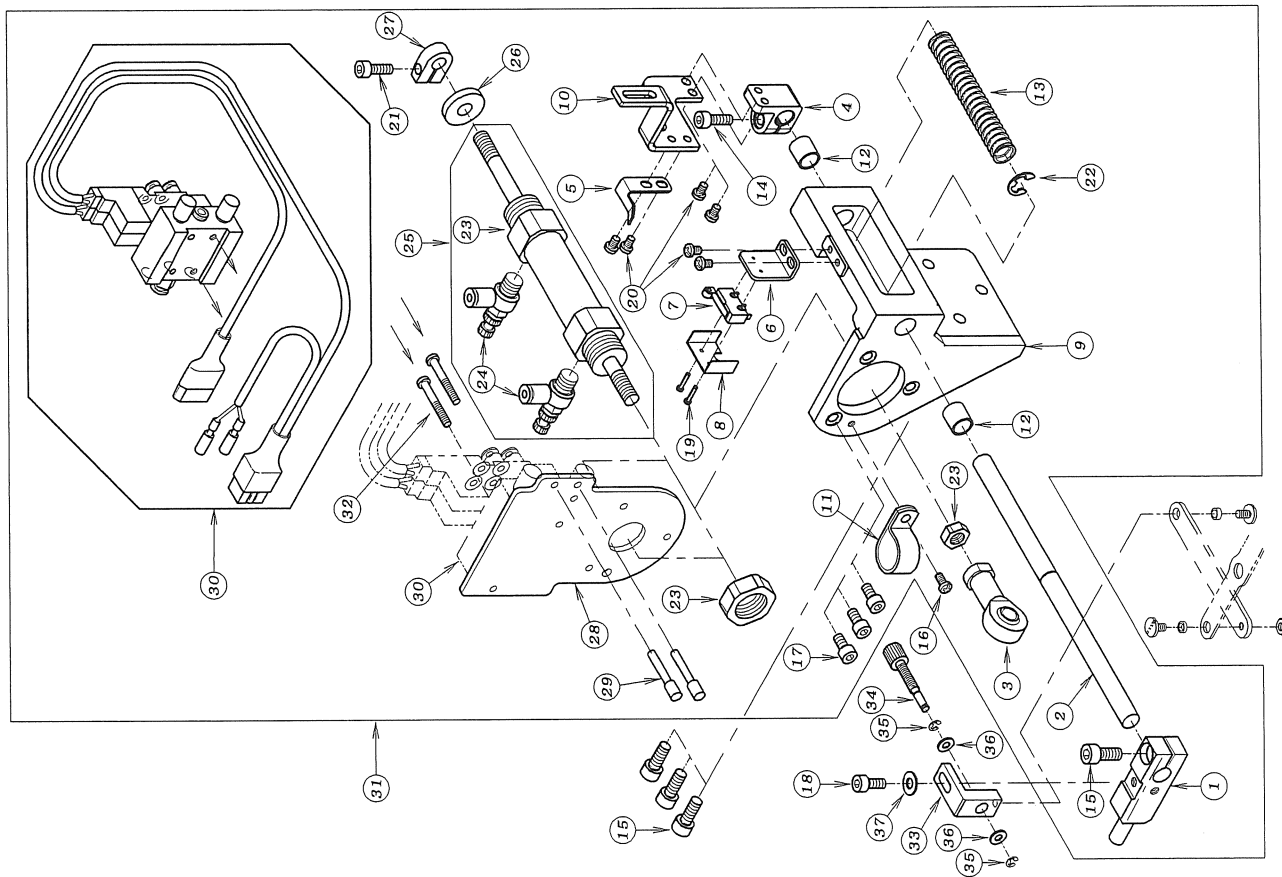
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
19-01	87-129	六角穴付きボルト	BOLT	2
19-02	75-455	ワッシャー	WASHER	13
19-03	26-606	ゴムプーラー取付板	BRACKET	1
19-04	87-309	支柱ネジ	SCREW	2
19-05	86-411	ナット	NUT	2
19-06	26-751	ゴムプーラー取付棒	BAR	1
19-07	84-112	ネジ	SCREW	2
19-08	26-753	ゴムプーラー取付金具	BRACKET	2
19-09	26-752	ゴムプーラー取付棒	BAR	1
19-10	26-612	ワッパ 取付台	BRACKET	1
19-11	75-456	ワッシャー	WASHER	2
19-12	87-252	六角穴付きボルト	BOLT	2
19-13	87-092	ネジ	SCREW	7
19-14	97-513	DE用ゴム調整器	HOLDER	1
19-15	97-714	DE用ホルダー	HOLDER	1
19-16	26-712	取付金具	WASHER	1
19-17	02-119	波座金	WASHER	4
19-18	26-608	ブラケットA	BRACKET A	1
19-19	26-609	ブラケットB	BRACKET B	1
19-20	26-610	ブラケットC	BRACKET C	1
19-21	20-6020	テープ 立て	TAPE STAND	1
19-22	84-114	ネジ	SCREW	1
19-23	87-113	六角穴付きボルト	BOLT	2
19-24	87-264	段ネジ	SCREW	1
19-25	97-5010-1	バインダーセット (9mm)	FOLDER ASS'Y (9mm)	1
19-26	97-5020-1	バインダーセット (12mm)	FOLDER ASS'Y (12mm)	1
19-27	26-616	ブラケットA	BRACKET A	1
19-28	26-617	ブラケットB	BRACKET B	1
19-29	87-203	六角穴付きボルト	BOLT	2
19-30	87-462	平頭付段ネジ	SCREW	1
19-31	88-146	ナット	NUT	1

20. 下糸切り装置 (UT) KNIFE MECHANISM (UT)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
20-01105-056		平頭付段ネジ	SCREW	1
20-02105-062		可動マスガイト	GUIDE	1
20-03105-076		マス台プレート	PLATE	1
20-04105-077		裏バネ (下)	LEAF SPRING (LOWER)	1
20-05105-078		下バネ	SPACER	1
20-06105-079		ガイドローラー	GUIDE ROLLER	2
20-07105-080		固定マス台駆動ピン	PIN	1
20-08105-081		可動マス駆動ピン	PIN	1
20-09105-082		ネジ	SCREW	1
20-10105-160		固定マス台ストップ	STOPPER	1
20-11105-084		固定マス台バネ	SPRING	1
20-12105-085		支点ピン	PIN	1
20-13105-086		固定マス台調節リング	RING	1
20-14105-087		駆動レバ	LEVER	1
20-15105-088		可動マスベース	LOWER KNIFE BASE	1
20-16105-089		可動マスベースガイト	GUIDE	2
20-17105-090		押エフプレート	PLATE	1
20-18105-091		押エフプレート	PLATE	1
20-19105-158		固定マス台	UPPER KNIFE HOLDER	1
20-20105-093		ルバー糸締め糸道	THREAD EYELET	1
20-21105-152		戻しシャフト	SHAFT	1
20-22105-153		連結プレート	PLATE	1
20-23105-658		可動マス	LOWER KNIFE	1
20-24105-812		固定マス	UPPER KNIFE	1
20-25105-814		裏ハネ (上)	LEAF SPRING (UPPER)	1
20-26105-882		ガイドローラー	GUIDE ROLLER	1
20-27105-894		裏ハネ調節板	PLATE	1
20-28105-512		クッションゴム	CUSHION RUBBER	2
20-29105-128W		前カバー	FRONT COVER	1
20-30105-126W		上カバー	CLOTH PLATE	1
20-31105-127W		前カバー	FRONT COVER	1
20-32105-269		ネジ	SCREW	3
20-33105-016		前ベースカバー	FRONT BASE COVER	1
20-34105-513		小調節糸道	THREAD GUIDE	1
20-35105-430		ガイドローラー	GUIDE ROLLER	1
20-36105-535		前カバー止メハネ	SPRING	1
20-37105-163		ネジ	SCREW	2
20-38105-167		ネジ	SCREW	3
20-39105-193		ネジ	SCREW	7
20-40105-075		ネジ	SCREW	2
20-41105-077		ネジ	SCREW	4
20-42105-078		ネジ	SCREW	1
20-43105-079		ネジ	SCREW	1
20-44105-107		ネジ	SCREW	2
20-45105-129		ネジ	SCREW	2
20-46105-305		ネジ	SCREW	1
20-47105-306		六角支柱ネジ	SCREW	1
20-48105-307		ネジ	SCREW	2
20-49105-310		カバーストップネジ	SCREW	1
20-50105-414		ネジ	SCREW	2
20-51105-095		ネジ	SCREW	2
20-52105-147		六角ナット	NUT	2
20-53105-8057		メスセット	THREAD TRIM ASSEMBLY	1
20-54105-157		マス台ガイト	GUIDE PLATE	1
20-55105-156		マス台止めハネ	SPRING	1
20-56105-455		ワッシャー	WASHER	2
20-57105-083		ネジ	SCREW	2
20-58105-272		ネジ	SCREW	3

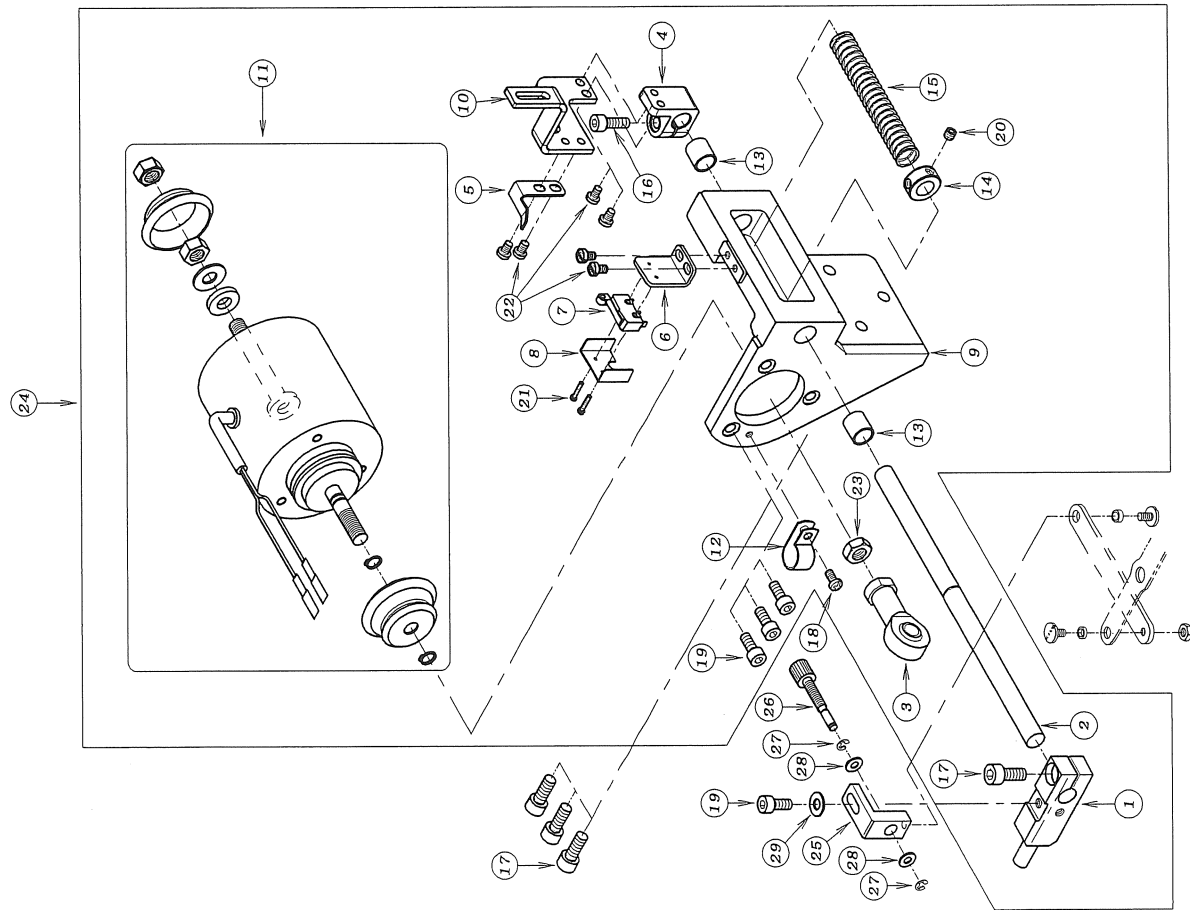
21. UT駆動装置 (エア-式) THREAD TRIMMING MECHANISM (PNEUMATIC TYPE)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
21-01	05-151	連結金具	BRACKET	1
21-02	05-152	戻しシャフト	SHAFT	1
21-03	05-842	ロッド・エンド	ROD	1
21-04	05-927	レバ・取付台	BRACKET	1
21-05	05-909	スイッチガイ	SWITCH PLATE	1
21-06	05-910	スイッチ取付板	PLATE	1
21-07	05-911	リミットスイッチ	SWITCH	1
21-08	05-912	スイッチカバー	COVER	1
21-09	05-926	シリンダ・取付ブラケット	BRACKET	1
21-10	05-927	糸繰め連結プレート	PLATE	1
21-11	06-927	ナイロンクリップ	CLAMP	1
21-12	81-588	ブッシュ	BUSHING	2
21-13	79-642	戻しバネ	SPRING	1
21-14	87-245	六角穴付きボルト	BOLT	1
21-15	87-171	六角穴付きボルト	BOLT	4
21-16	87-482	プラマイナベ小ねじ	SCREW	1
21-17	87-213	六角穴付きボルト	BOLT	3
21-18	87-252	ネジ	SCREW	1
21-19	87-282	ネジ	SCREW	2
21-20	87-481	プラマイナベ小ねじ	SCREW	6
21-21	87-245	ネジ	SCREW	1
21-22	93-222	リング	E-RING	1
21-23	05-205	マス駆動シリンダ	CYLINDER	1
21-24	06-580	スピードコントローラ	SPED CONTROLLER	2
21-25	00-6083	マス駆動シリンダ・セット	CYLINDER ASS'Y	1
21-26	05-907	クッションコイル	SHOCK RUBBER	1
21-27	05-220	クッションストッパ	COLLAR	1
21-28	05-646	シリンダ・取付板	PLATE	1
21-29	06-597	プラグ	PLUG	2
21-30	05-647	電磁弁2連セット	SOLENOID VALVE ASSEMBLY	1
21-31	00-6116	UT駆動装置 (空気式)	AIR CYLINDER ASSEMBLY (UT-A)	1
21-32	87-488	プラマイナベ小ねじ	SCREW	2
21-33	05-155	調節ブラケット	BRACKET	1
21-34	05-154	調節ネジ	ADJUST SCREW	1
21-35	93-201	リング	E-RING	2
21-36	75-473	ワッシャー	WASHER	2
21-37	75-453	ワッシャー	WASHER	1

22. UT駆動装置 (電気式)

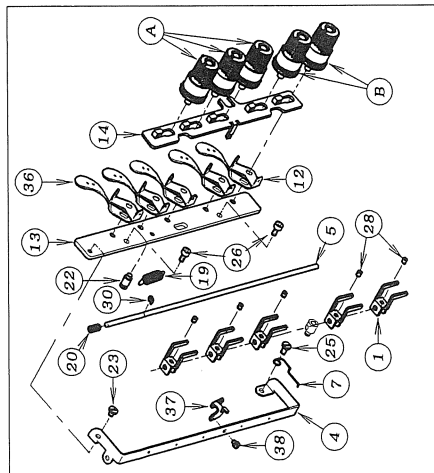
THREAD TRIMMING MECHANISM (ELECTRIC TYPE)



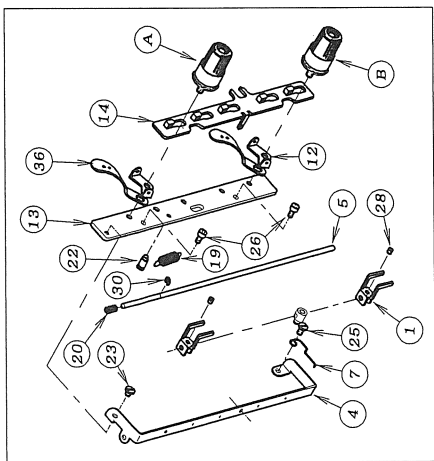
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
22-01	05-151	連結金具	BRACKET	1
22-02	05-152	戻しシャフト	SHAFT	1
22-03	05-842	ロッド・エンド	ROD	1
22-04	05-927	レバ・取付台	BRACKET	1
22-05	05-909	スイッチカバー	SWITCH PLATE	1
22-06	05-910	スイッチ取付板	PLATE	1
22-07	05-911	リミットスイッチ	SWITCH	1
22-08	05-912	スイッチカバー	COVER	1
22-09	05-926	シリンダ・取付ブラケット	BRACKET	1
22-10	05-227	糸繰め連結フ・プレート	PLATE	1
22-11	06-336	メス用ソレノイド	SOLENOID	1
22-12	06-928	ナイロンクリップ	CLAMP	1
22-13	81-588	軸受	BUSHING	2
22-14	75-537	カラー	COLLAR	1
22-15	79-642	戻しバネ	SPRING	1
22-16	87-245	六角穴付きボルト	BOLT	1
22-17	87-171	六角穴付きボルト	BOLT	4
22-18	87-482	プラマイナベッねじ	SCREW	1
22-19	87-252	六角穴付きボルト	BOLT	4
22-20	87-274	ネジ	SCREW	1
22-21	87-282	ネジ	SCREW	2
22-22	87-481	プラマイナベッねじ	SCREW	6
22-23	88-179	ナット	NUT	1
22-24	00-6117	UT駆動装置 (電気式)	SOLENOID ASSEMBLY (UT-E)	1
22-25	05-155	調節ブラケット	BRACKET	1
22-26	05-154	調節ネジ	ADJUST SCREW	1
22-27	93-201	Eリング	E-RING	2
22-28	75-473	ワッシャー	WASHER	2
22-29	75-453	ワッシャー	WASHER	1

23. 糸調子機構 (UT) THREAD TENSION MECHANISM (UT)

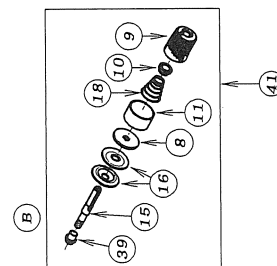
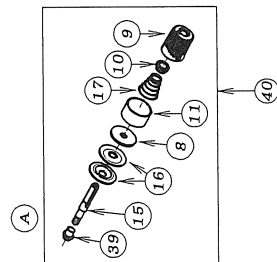
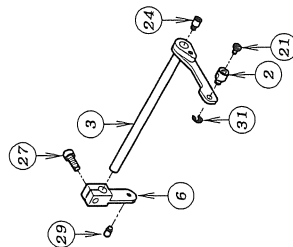
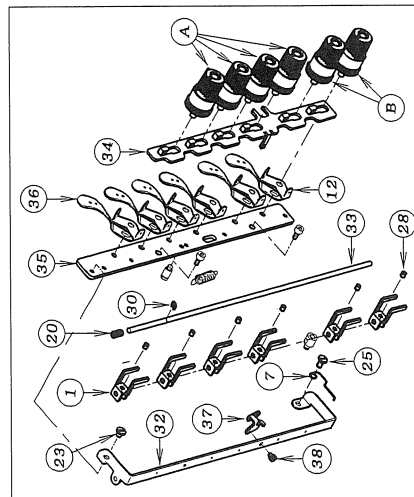
8803G



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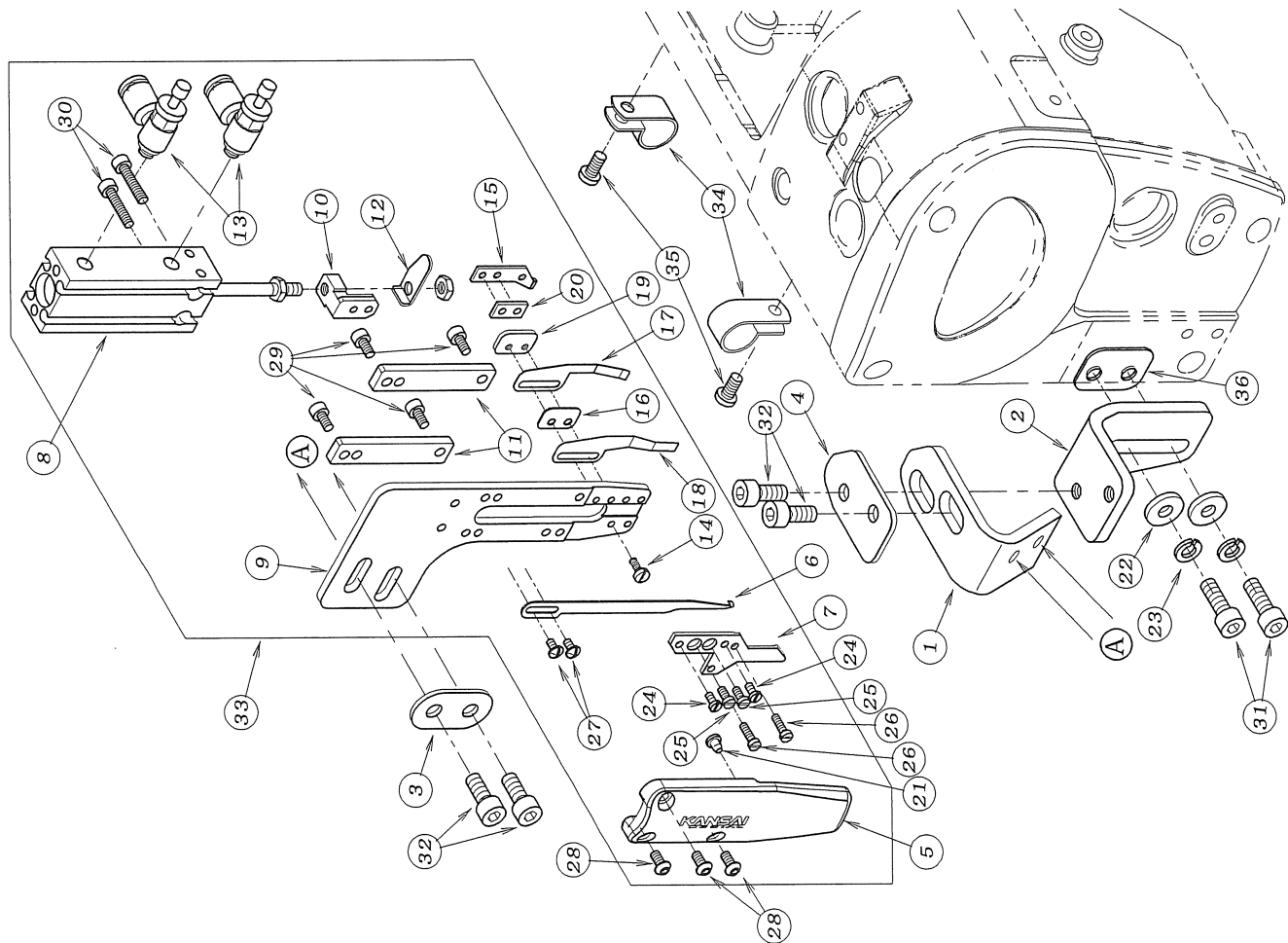
8804G



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
23-01	05-850	糸繰めブロック (大)	HOLDER (LARGE)	5-6
23-02	05-853	糸繰め連結片	HOLDER	1
23-03	05-955	糸繰め軸	SHAFT	1
23-04	05-956	糸繰め糸道	THREAD EYELET	1
23-05	05-957	糸繰め棒	SHAFT	1
23-06	05-958	クラックレバ' -	LEVER	1
23-07	05-961	糸繰め防振パ' ネ	SPRING	1
23-08	23-324	フェルト	FELT	1
23-09	41-104	チャンポン皿小ケース	THREAD TENSION NUT	5-6
23-10	41-105	チャンポン皿ラチェット	SPRING POST	5-6
23-11	41-106	大ケース	SPRING CUP	5-6
23-12	41-115	糸道 (上)	THREAD GUIDE (UPPER)	5-6
23-13	41-501	ブラケット	BRACKET	1
23-14	41-502	糸繰めプレート	THREAD RELEASE	1
23-15	41-527	調子棒	SCREW STUD	5-6
23-16	41-509	チャンポン皿	TENSION DISC	10-12
23-17	41-701	チャンポン調子パネ (強)	SPRING (HEAVY)	3
23-18	41-702	チャンポン調子パネ (弱)	SPRING (LIGHT)	1-2
23-19	79-514	引張りパネ	SPRING	1
23-20	79-542	糸繰め棒防振パネ	SPRING	1
23-21	84-361	ネジ'	SCREW	1
23-22	84-501	ネジ'	SCREW	1
23-23	84-553	ネジ'	SCREW	1
23-24	84-561	ネジ'	SCREW	1
23-25	84-574	ネジ'	SCREW	1
23-26	87-177	六角穴付きボルト	BOLT	2
23-27	87-224	六角穴付きボルト	BOLT	1
23-28	87-286	ネジ'	SCREW	5-6
23-29	87-423	段ネジ'	SCREW	1
23-30	93-201	Eリング	E-RING	1
23-31	93-205	E-リング'	E-RING	1
23-32	05-962	糸繰め糸道	THREAD EYELET	1
23-33	05-963	糸繰め棒	SHAFT	1
23-34	41-519	糸繰めプ' レート	THREAD RELEASE	1
23-35	41-525	フ' ラケット	BRACKET	1
23-36	41-117	糸道 (下)	THREAD GUIDE	*
23-37	41-514	ルーバ' - 糸道	THREAD EYELET	1
23-38	84-364	ネジ'	SCREW	1
23-39	41-526	調子棒カラー	COLLAR	5-6
23-40	40-7510	チャンポン' セット (強)	THREAD TENSION SET (HEAVY)	*
23-41	40-7520	チャンポン' セット (弱)	THREAD TENSION SET (LIGHT)	*

24. 上飾り糸切装置 (エア-式)

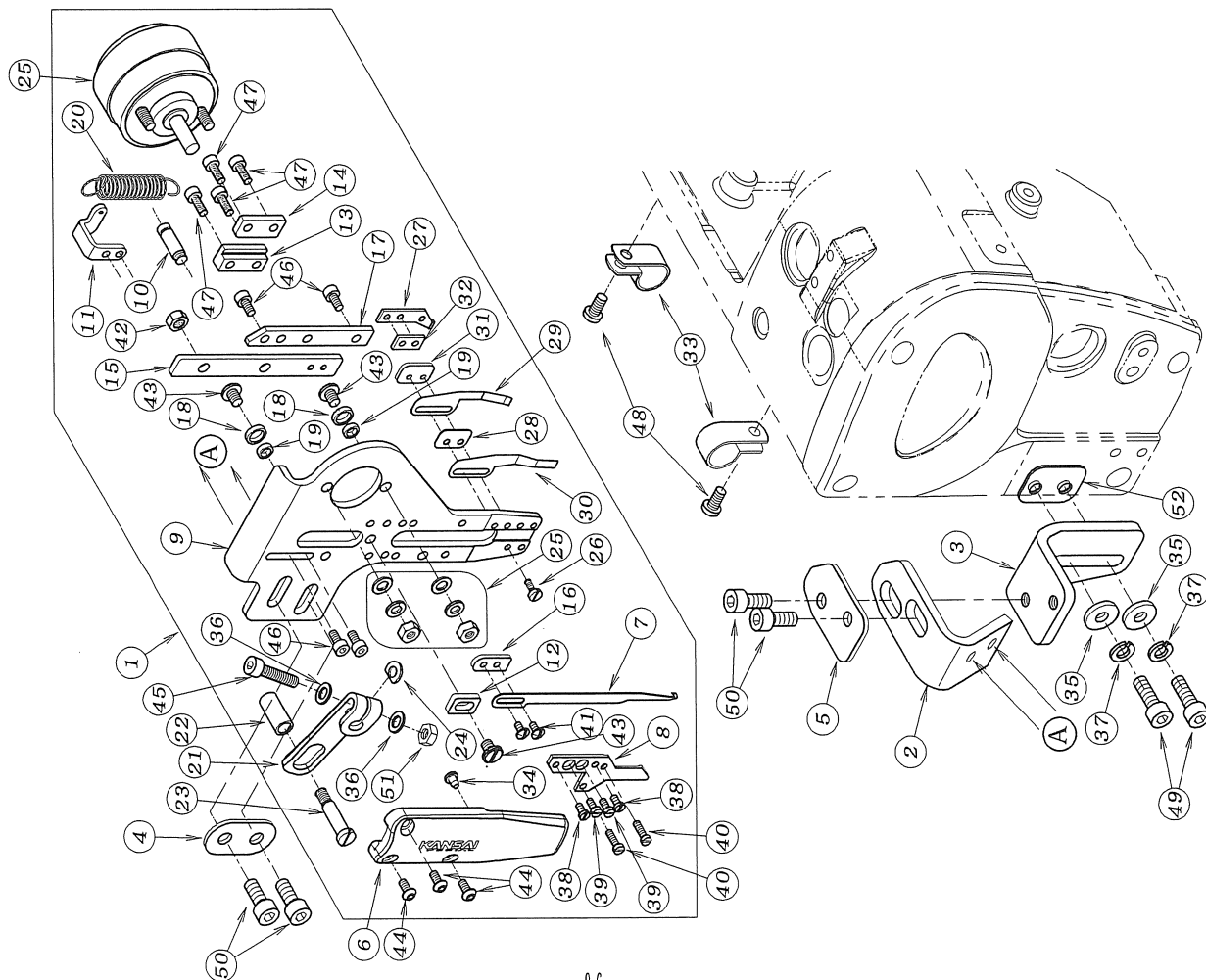
SPREADER THREAD TRIMMING MECHANISM (PNEUMATIC TYPE)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
24-01	05-271	調節金具	BRACKET	1
24-02	05-272	取付ブラケット	BRACKET	1
24-03	05-273	取付金具 (1)	BRACKET	1
24-04	05-274	取付金具 (2)	BRACKET	1
24-05	05-275	カバー	COVER	1
24-06	05-276	可動マス	TRIMMING KNIFE	1
24-07	05-277	固定マス	FIXED KNIFE	1
24-08	05-278	エア-シリンダー	AIR CYLINDER	1
24-09	05-279	取付ベースア°レート	BASE PLATE	1
24-10	05-280	シリンダーブロック	CYLINDER BLOCK	1
24-11	05-281	ガイド	GUIDE	2
24-12	05-282	調節レバー	LEVER	1
24-13	05-481	スピード・コントローラー	SPEED CONTROLLER	2
24-14	06-601	ネジ	SCREW	1
24-15	06-602	ハ°ネ調節ライナー	LINER	1
24-16	06-603	マス裏ハ°ネライナー	LINER	1
24-17	06-604	マス裏ハ°ネ (強)	LEAF SPRING	1
24-18	06-605	マス裏ハ°ネ (弱)	LEAF SPRING	1
24-19	06-608	裏ハ°ネ止板	PLATE	1
24-20	06-630	ハ°ネ調節ベース板	PLATE	1
24-21	23-512	クッションゴム	CUSHION RUBBER	1
24-22	75-456	ワッシャー	WASHER	2
24-23	75-526	スプリング ワッシャー	SPRING WASHER	2
24-24	85-102	ネジ	SCREW	2
24-25	85-105	ネジ	SCREW	2
24-26	85-106	ネジ	SCREW	2
24-27	85-613	ネジ	SCREW	2
24-28	87-099	ネジ	SCREW	3
24-29	87-123	六角穴付きボルト	BOLT	4
24-30	87-140	六角穴付きボルト	BOLT	2
24-31	87-245	六角穴付きボルト	BOLT	2
24-32	87-252	六角穴付きボルト	BOLT	4
24-33	00-8096	上飾り糸切セット (エア-)	THREAD TRIM ASS'Y (AIR)	1
24-34	06-928	ナイロンクリップ	CLAMP	2
24-35	87-482	プラマイナベ小ねじ	SCREW	2
24-36	05-293	スペーサー	PLATE	1

25. 上飾り糸切装置 (電気式)

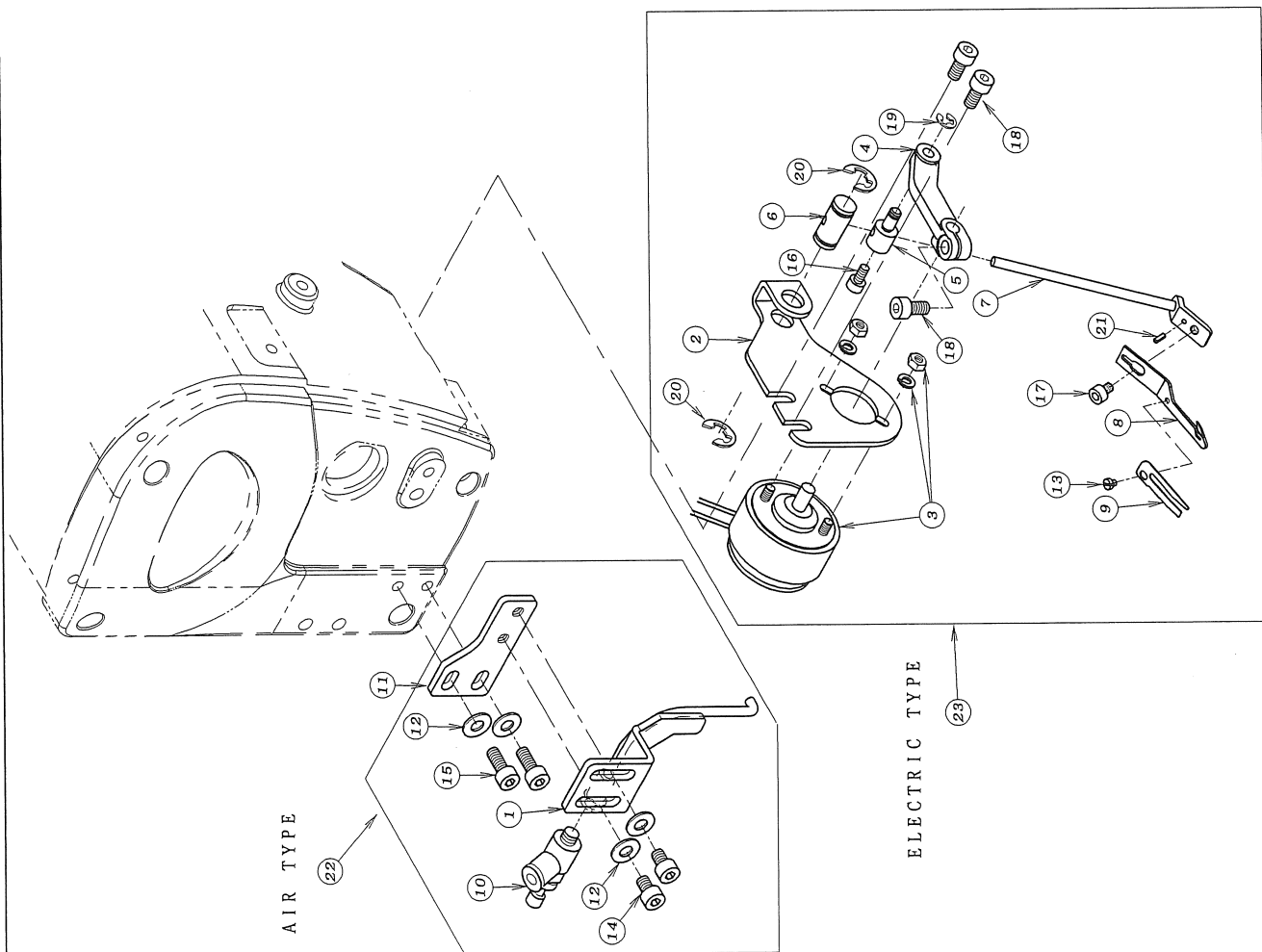
SPREADER THREAD TRIMMING MECHANISM (ELECTRIC TYPE)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
25-01	00-8097	上飾り糸切セット (電気式)	THREAD TRIM ASS'Y	1
25-02	05-271	調節金具	BRACKET	1
25-03	05-272	取付ブラケット	BRACKET	1
25-04	05-273	取付金具 (1)	BRACKET	1
25-05	05-274	取付金具 (2)	BRACKET	1
25-06	05-275	カバー	COVER	1
25-07	05-276	可動マス	TRIMMING KNIFE	1
25-08	05-277	固定マス	FIXED KNIFE	1
25-09	05-283	取付ベースプレート	BASE PLATE	1
25-10	05-284	ピン	PIN	1
25-11	05-285	フック	HANGER	1
25-12	05-286	ストップバー	STOP PLATE	1
25-13	05-287	マス押えカバー (A)	COVER	1
25-14	05-288	マス押えカバー (B)	COVER	1
25-15	05-289	可動マスベース	BRACKET	1
25-16	05-290	スベ-サー	PLATE	1
25-17	05-291	ガイド	GUIDE	1
25-18	05-881	ガイドローラー	GUIDE ROLLER	2
25-19	05-882	ガイドローラー (ホ)	GUIDE ROLLER	2
25-20	06-367	引張コイルバネ	SPRING	1
25-21	06-371	ソレノイド回転レバ-	LEVER	1
25-22	06-372	ガイドローラー	GUIDE ROLLER	1
25-23	06-374	ガイドローラーネジ	GUIDE SCREW	1
25-24	06-375	スベ-サー	WASHER	1
25-25	06-376	ロータリーソレノイド	SOLENOID	1
25-26	06-601	ネジ	SCREW	1
25-27	06-602	ハネ調節ライナー	LINER	1
25-28	06-603	マス裏ハネライナー	LINER	1
25-29	06-604	マス裏ハネ (強)	LEAF SPRING	1
25-30	06-605	マス裏ハネ (弱)	LEAF SPRING	1
25-31	06-608	裏ハネ止板	PLATE	1
25-32	06-630	ハネ調節ス-ース板	PLATE	1
25-33	06-928	ナイロンクリップ	CLAMP	2
25-34	23-512	クッションゴ- A	CUSHION RUBBER	1
25-35	75-456	ワッシャ	WASHER	2
25-36	75-468	ワッシャ	WASHER	2
25-37	75-526	スプリング ワッシャ	SPRING WASHER	2
25-38	85-102	ネジ	SCREW	2
25-39	85-105	ネジ	SCREW	2
25-40	85-106	ネジ	SCREW	2
25-41	85-613	ネジ	SCREW	2
25-42	86-311	ナット	NUT	1
25-43	87-080	ネジ	SCREW	3
25-44	87-099	ネジ	SCREW	3
25-45	87-112	六角穴付きボルト	BOLT	1
25-46	87-123	六角穴付きボルト	BOLT	4
25-47	87-124	ネジ	SCREW	4
25-48	87-482	プラマイナベ小ねじ	SCREW	2
25-49	87-245	六角穴付きボルト	BOLT	2
25-50	87-252	六角穴付きボルト	BOLT	4
25-51	88-146	ナット	NUT	1
25-52	05-293	スベ-サー	PLATE	1

26. 糸払い装置 THREAD WIPER MECHANISM

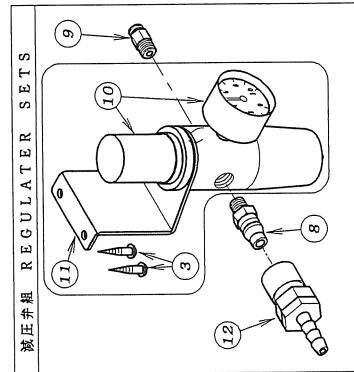
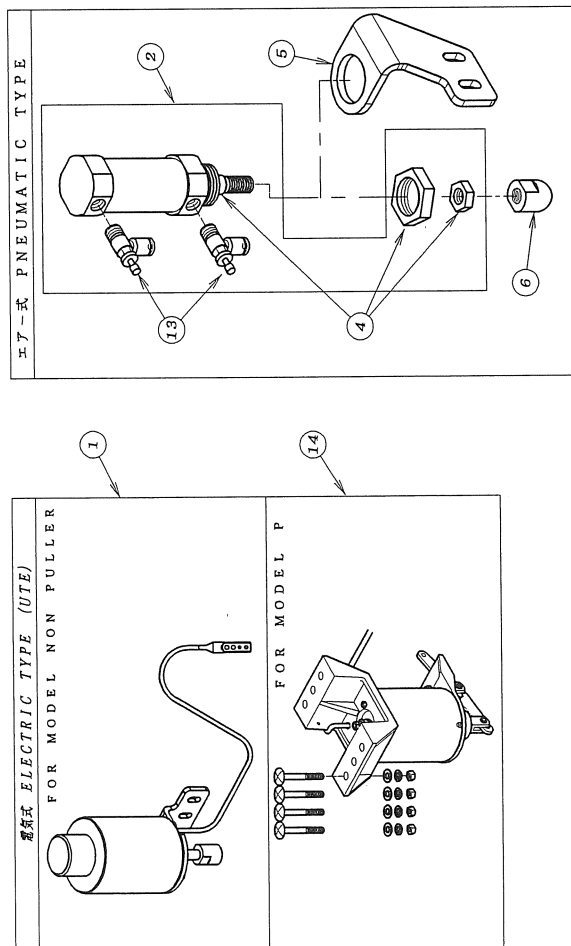
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
26-01	06-283	エアノズル	AIR NOZZLE	1
26-02	06-490	ソレノイド 取付台	BRACKET	1
26-03	06-492	ワイパースレノイド	SOLENOID	1
26-04	06-493	ソレノイドレバ	LEVER	1
26-05	06-494	取付ピン	PIN	1
26-06	06-495	案内ピン	GUIDE PIN	1
26-07	06-496	ワイパース取付台	BRACKET	1
26-08	06-497	ワイパース	WIPER	1
26-09	06-498	糸払いハネ	SPRING	1
26-10	06-559	スピードコントロール	SPEED CONTROLLER	1
26-11	27-236	エアノズル取付プレート	BRACKET	1
26-12	75-455	ワッシャー	WASHER	4
26-13	87-091	ネジ	SCREW	1
26-14	87-092	六角穴付きボルト	BOLT	2
26-15	87-113	六角穴付きボルト	BOLT	2
26-16	87-123	六角穴付きボルト	BOLT	1
26-17	87-142	ネジ	SCREW	1
26-18	87-177	六角穴付きボルト	BOLT	3
26-19	93-201	Eリング	E-RING	1
26-20	93-213	E型止め輪	E-RING	2
26-21	93-717	スプリングピン	SPRING PIN	1
26-22	00-8036	糸払い装置 (エア)	WIPER MECHANISM ASS'Y (AIR)	1
26-23	00-8035	糸払い装置 (電気)	WIPER MECHANISM ASS'Y (ELECTRIC)	1



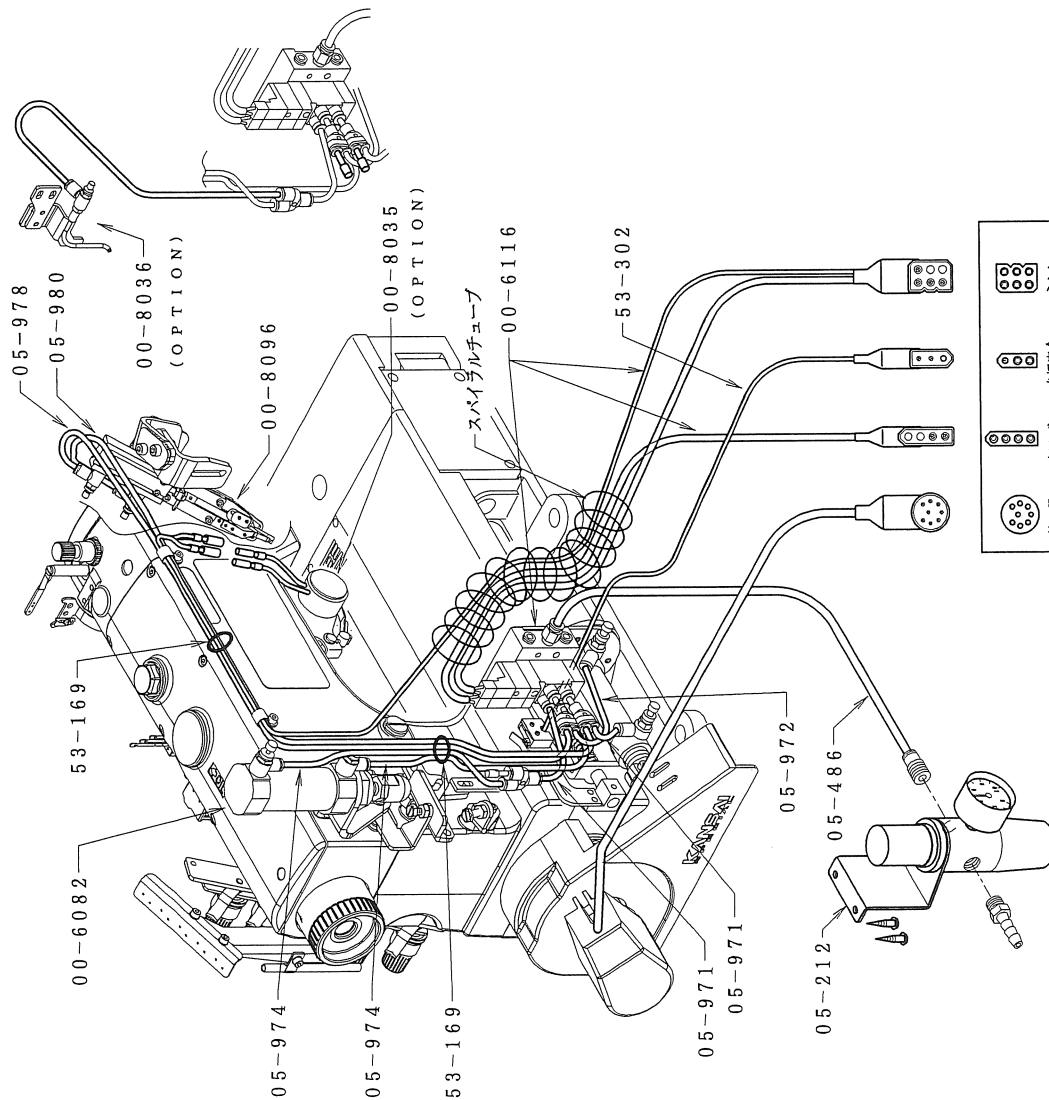
27. 押え揚げ装置, レギュレーターセット

FOOT LIFTER MECHANISM, REGULATOR SETS

REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
27-01	00-8099	電気式押え揚げ装置	FOOT LIFTER SOLENOID ASS'Y	1
27-02	00-6082	押え揚シリンダーセット	AIR CYLINDER ASS'Y	1
27-03	87-905	木ネジ	SCREW	1
27-04	05-207	押え揚シリンダー -	AIR CYLINDER	1
27-05	77-032	シリンダー プラケット	BRACKET	1
27-06	05-897	シリンダー 作動チップ	CHIP	1
27-07	05-212	フィルタレギュレーター	REGULATOR	1
27-08	06-516	ガフ・ラフス	CONNECTOR	1
27-09	05-218	六角穴付ヘーフユニオン	JOINT	1
27-10	05-2120-A	フィルタレギュレーター	REGULATOR	1
27-11	05-2120-B	取り付けブラケット	BRACKET	1
27-12	06-517	ガフ・ラフス	CONNECTOR	1
27-13	06-580	スピードコントロール	SPEED CONTROLLER	2
27-14	00-8028	UT電気式押え揚げ装置	FOOT LIFTER SOLENOID ASS'Y	1

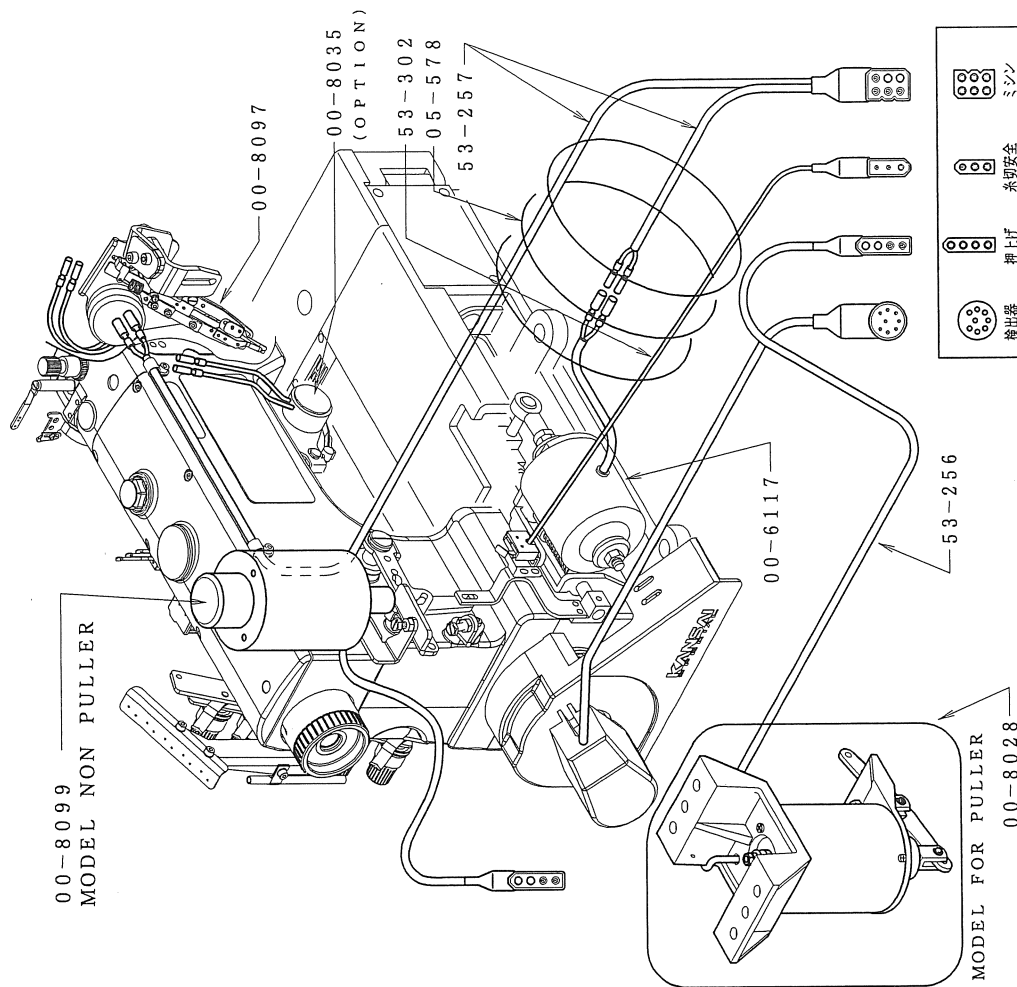


28-1. 配管, 配線図 (エア-式) WIRING AND PIPING (PNEUMATIC TYPE)



PART NO.	品 名	description
00-8096	上糸糸切装置 (エア-式)	spread thread trimming mechanism (AIR TYPE)
00-8036	上糸払い装置 (エア-式)	thread wiper mechanism ass'y (air)
00-6082	押揚シリンダーセット	presser foot lifter cylinder ass'y
00-6116	UT空圧装置	air cylinder assembly (UTA)
05-212	レギュレータ	regulator
00-8035	上糸払い装置 (電気)	thread wiper mechanism ass'y (electric)

28-2. 配線図 (電気式) CORD CONNECTION (ELECTRIC TYPE)



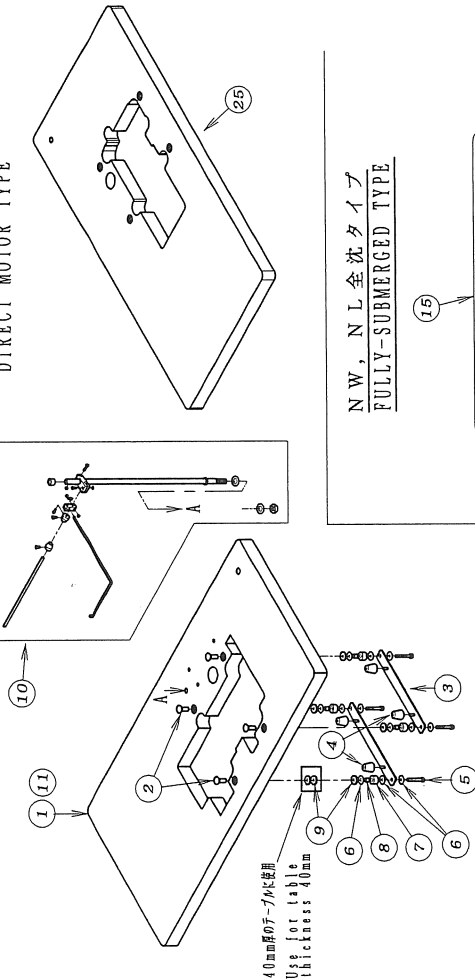
PART NO.	品 名	description
00-8097	上糸糸切装置	spread thread trimming mechanism
00-8099	UT電気式押揚げ装置	presser foot lifter solenoid ass'y (FOR NON PULLER)
00-8028	UT電気式押揚げ装置	presser foot lifter solenoid ass'y (FOR PULLER)
00-6117	UT電気式下糸切装置	solenoid assembly (UTE)
00-8035	上糸払い装置	thread wiper mechanism ass'y (electric)
53-257	中継コード	relay cord

29. テーブル関係 TABLE

半沈タイプ

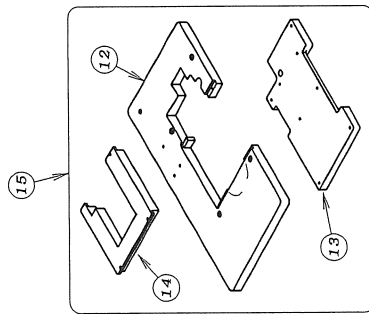
SEMI-SUBMERGED TYPE

DEタイプは使用 Use for MODEL DE

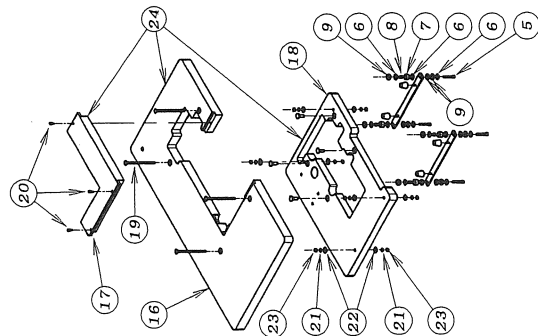


40mm厚のテーブルに使用
Use for table
thickness 40mm

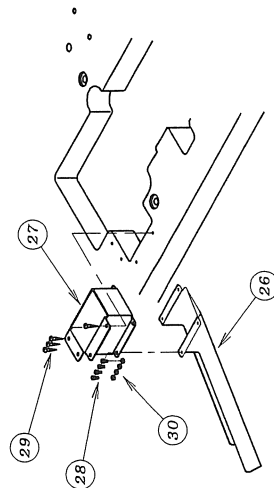
NW, NL全沈タイプ FULLY-SUBMERGED TYPE



NL5803GP全沈タイプ FULLY-SUBMERGED TYPE

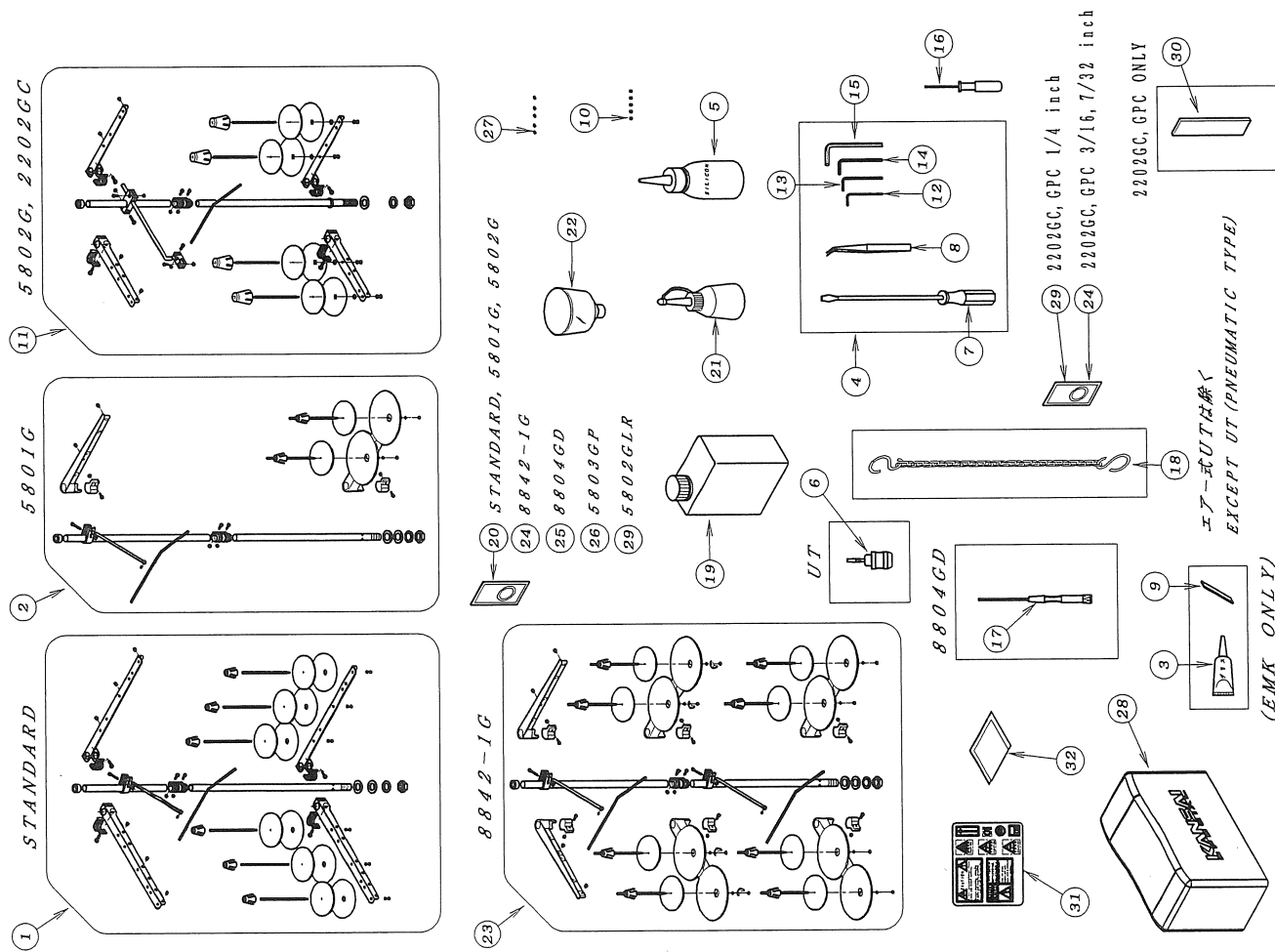


GC、GPCタイプに使用 Use for MODEL GC, GPC



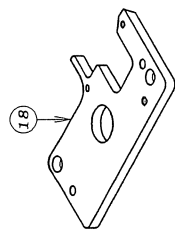
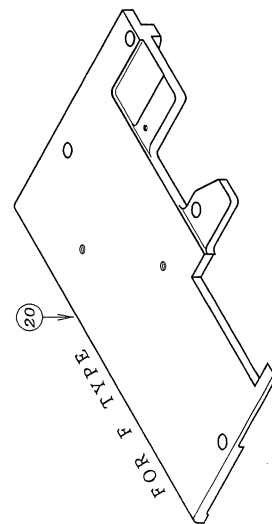
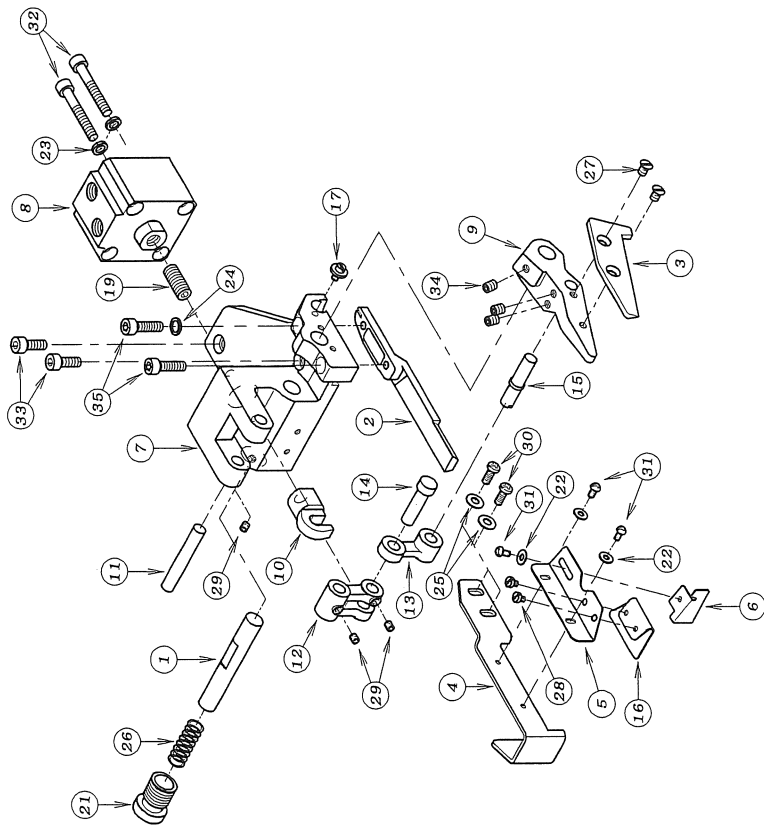
REF. NO.	PART NO.	品 名	DESCRIPTION	QTY
29-01	21-668	テーブル	TABLE	1
29-02	42-503	本体取り付けナット	NUT	4
29-03	25-524	タンク取付金具	SUPPORTING BOARD	2
29-04	23-509	クッションゴム A	CUSHION RUBBER	4
29-05	87-281	六角穴付ボルト	BOLT	4
29-06	75-535	ワッシャー	WASHER	12
29-07	42-508	防振ゴム A	SWING PROOF RUBBER	4
29-08	42-509	防振ゴム B	SWING PROOF RUBBER COLLAR	4
29-09	42-507	スペーサー	SPACER	12
29-10	20-6050-0	テープ立て (組)	TAPE STAND ASSEMBLY	1
29-11	21-013	テーブル (DE用)	TABLE (FOR DE TYPE)	1
29-12	21-733	テーブル	TABLE	1
29-13	21-734	テーブル	TABLE	1
29-14	21-775	テーブル	TABLE	1
29-15	21-7750-2	WX, LXテーブルセット	TABLE ASS'Y (FOR WX, LX TYPE)	1
29-16	27-626	テーブル (上)	TABLE (UPPER)	1
29-17	27-627	テーブル (前)	TABLE (SIDE)	1
29-18	27-628	テーブル (下)	TABLE (UPPER)	1
29-19	42-510	根角ボルト	SCREW	4
29-20	42-511	ピン	PIN	3
29-21	75-225	スプリングワッシャー	SPRING WASHER	8
29-22	75-535	ワッシャー	WASHER	8
29-23	88-176	ナット	NUT	8
29-24	27-6260-1	テーブル全沈式セット	TABLE ASS'Y	1
29-25	27-342	半沈テーブルダイレクトモーター用	SEMI SUBMERGED TABLE DIRECT MOTOR	1
29-26	28-701	シューター	CHUTE	1
29-27	28-702	シューター取付台	BRACKET	1
29-28	87-177	ネジ	SCREW	4
29-29	87-905	木ネジ	SCREW	4
29-30	88-146	ナット	NUT	4

30. 糸立て及びアクセサリ関係 THREAD STAND AND ACCESSORIES



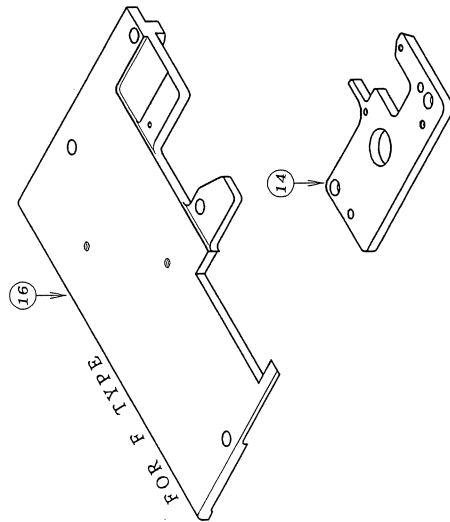
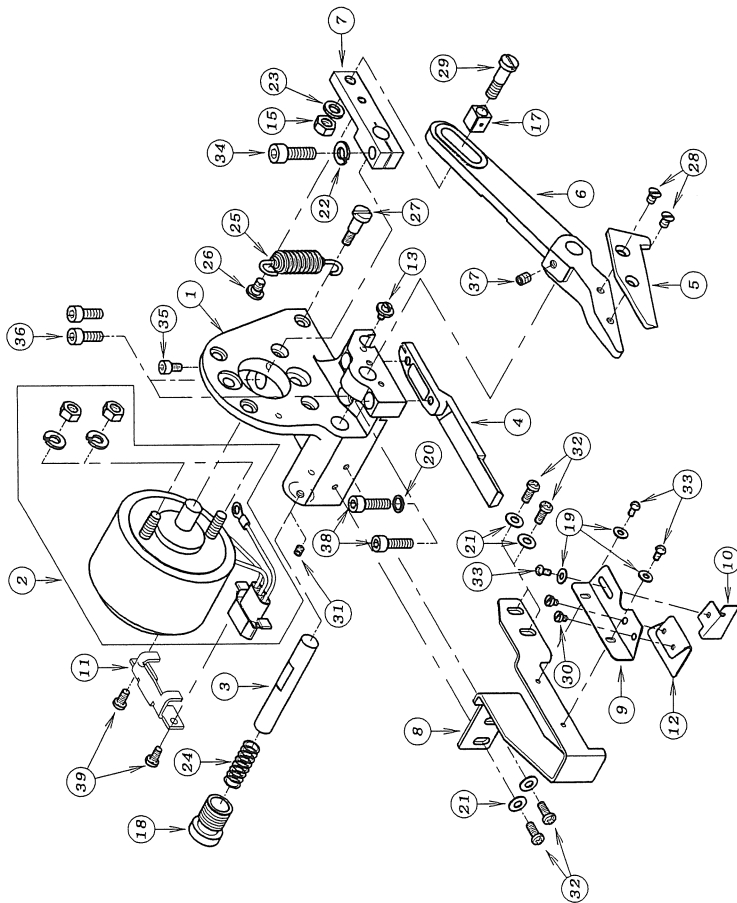
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
30-01	42-706	6本糸立	THREAD STAND ASSEMBLY (6)	1
30-02	42-712	2本糸立	THREAD STAND ASSEMBLY (2)	1
30-03	28-600	グリス (70g)	GREASE	1
30-04	20-0010	附属部品ケース	ACCESSORIES	1
30-05	28-612	シリコンオイル	SILICON OIL	1
30-06	28-454	ドライバー (小)	DRIVER (SMALL)	1
30-07	28-452	ドライバー (大)	DRIVER (LARGE)	1
30-08	28-011	ピンセット	TWEZERS	1
30-09	07-522	下メス	LOWER KNIFE	1
30-10	87-104	ネジ	SCREW	5
30-11	42-704	4本糸立セット	THREAD STAND ASSEMBLY (4)	1
30-12	28-311	六角レンチ 2mm	ALLEN KEY (2mm)	1
30-13	28-312	六角レンチ 2.5mm	ALLEN KEY (2.5mm)	1
30-14	28-313	六角レンチ 3mm	ALLEN KEY (3mm)	1
30-15	28-314	六角レンチ 5mm	ALLEN KEY (5mm)	1
30-16	28-317	グリップ付六角レンチ 1.5mm	ALLEN KEY (1.5mm)	1
30-17	28-318	精密マイナスドライバー -2.5mm	SCREWDRIVER	1
30-18	28-920	チェーン	CHAIN	1
30-19	28-613	ミシン潤滑油	OIL	1
30-20	13-0110-6	針 UYX128GAS #11	NEEDLE	1
30-21	28-614	油差し	OILER	1
30-22	28-615	シヨウゴ	OIL FUNNEL	1
30-23	42-718	8本糸立	THREAD STAND ASSEMBLY (8)	1
30-24	13-0140-6	針 UYX128GAS #14	NEEDLE	1
30-25	13-3020-5	針 SM1014H #10S	NEEDLE	1
30-26	13-1480-5	針 TVx5 #18	NEEDLE	1
30-27	85-603	ネジ	SCREW	5
30-28	28-557	ミシンカバー	COVER	1
30-29	13-0160-6	針 UYX128GAS #16	NEEDLE	1
30-30	07-432	固定メス	LOWER KNIFE	1
30-31	20-6200	警告ラベルシール	INFORMATION SEAL	1
30-32	28-610	酸化性防錆剤	CORROSION INHIBITOR	1

31. テープカッター装置 (エア式) TAPE CUTTER MECHANISM (PNEUMATIC TYPE)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
31-01	08-003	上スシャフト	SHAFT	1
31-02	08-004	下マス	LOWER KNIFE	1
31-03	08-005	上マス	UPPER KNIFE	1
31-04	08-009	安全カバー	SAFETY COVER	1
31-05	08-011	布ガイド (大)	FABRIC GUIDE (LARGE)	1
31-06	08-012	布ガイド (小)	FABRIC GUIDE (SMALL)	1
31-07	08-014W	シリンダ - 取付ブラケット	BRACKET	1
31-08	08-015	エアシリンダ	AIR CYLINDER	1
31-09	08-017W	上マスレバ	LEVER	1
31-10	08-018	フック	KNUCKLE	1
31-11	08-019	リンシャフト	SHAFT	1
31-12	08-020	連結リンク	LINK	1
31-13	08-021	連結レバ	LEVER	1
31-14	08-022	リンクピン	LINK PIN	1
31-15	08-023	偏心ピン	ADJUSTING PIN	1
31-16	08-031	テープ案内板	FABRIC GUIDE	1
31-17	08-041	ネジ	SCREW	1
31-18	14-148	針板土台	NEEDLE PLATE SUPPORT BRACKET	1
31-19	87-313	ネジ	SCREW	1
31-20	27-023W	F用上ベームスカハ	CLOTH PLATE	1
31-21	52-182	マス押シネジ	SCREW	1
31-22	75-224	ワッシャ	WASHER	3
31-23	75-339	ワッシャ	WASHER	2
31-24	75-370	ワッシャ	WASHER	1
31-25	75-455	ワッシャ	WASHER	2
31-26	79-171	圧縮バネ	SPRING	1
31-27	84-661	ネジ	SCREW	2
31-28	87-095	ネジ	SCREW	2
31-29	87-106	ネジ	SCREW	3
31-30	87-483	プラマイナベ小ねじ	SCREW	2
31-31	87-477	プラマイナベ小ねじ	SCREW	3
31-32	87-189	六角穴付きボルト	BOLT	2
31-33	87-224	六角穴付きボルト	BOLT	2
31-34	87-254	ネジ	SCREW	3
31-35	87-291	六角穴付きボルト	BOLT	2

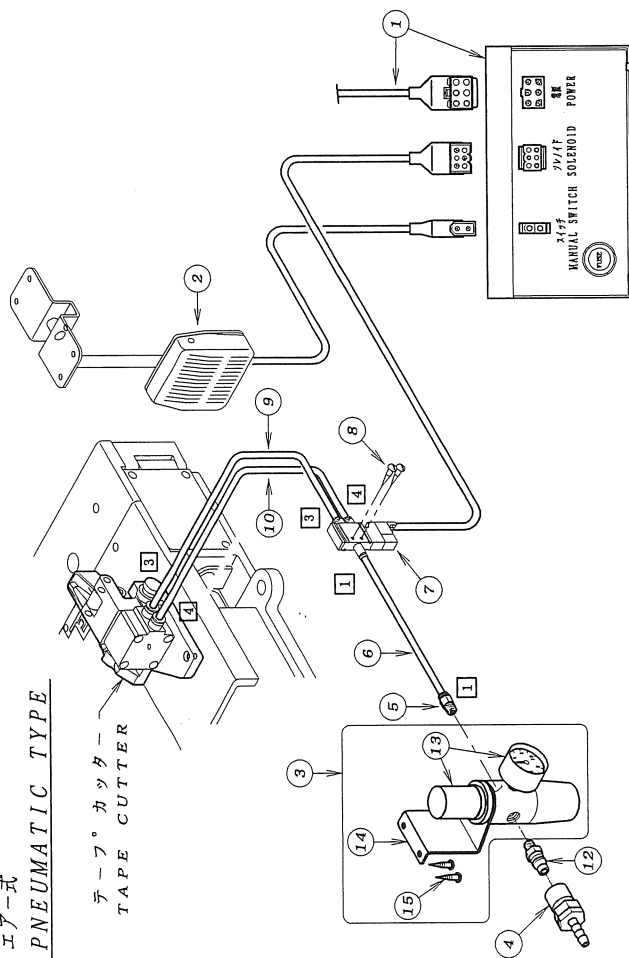
32. テープ° カッター装置 (電気式) TAPE CUTTER MECHANISM (ELECTRIC TYPE)



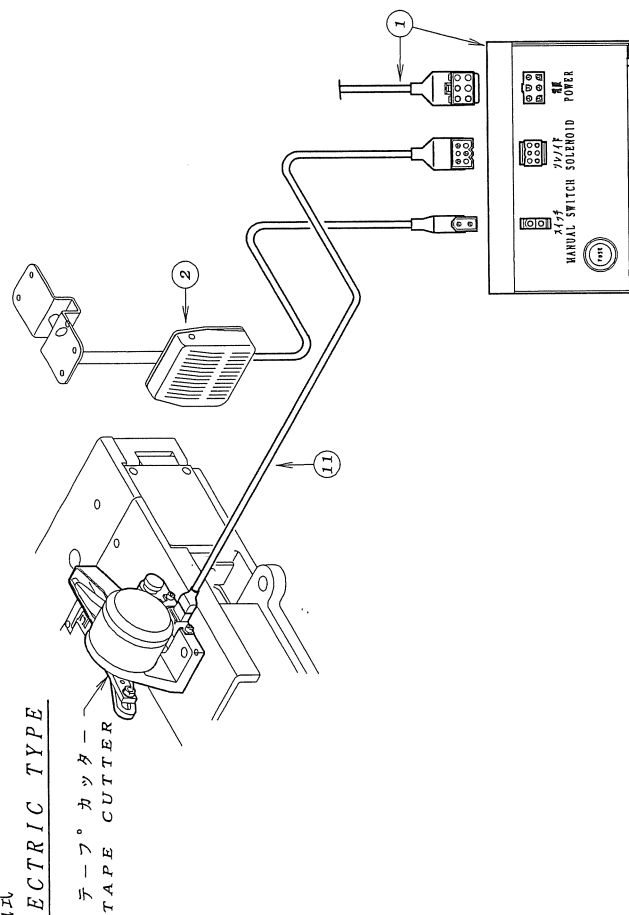
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
32-01	08-001W	ソレノイド° 取付ブ° ラケット	BRACKET	1
32-02	08-002	ロータリー° ソレノイド°	SOLENOID	1
32-03	08-003	上マスジャブト	SHAFT	1
32-04	08-004	下マス	LOWER KNIFE	1
32-05	08-005	上マス	UPPER KNIFE	1
32-06	08-006W	上マスレハ° -	LEVER	1
32-07	08-008	駆動レハ° -	CONNECTING LEVER	1
32-08	08-010	安全カハ° -	SAFETY COVER	1
32-09	08-011	布カ° イト° (大)	FABRIC GUIDE (LARGE)	1
32-10	08-012	布カ° イト° (小)	FABRIC GUIDE (SMALL)	1
32-11	08-013	ブ° ラケット	BRACKET	1
32-12	08-031	テープ° 案内板	FABRIC GUIDE	1
32-13	08-041	ネジ°	SCREW	1
32-14	14-148	針板土台	NEEDLE PLATE SUPPORT BRACKET	1
32-15	88-166	ナット	NUT	1
32-16	27-023W	F 用上ハ° - スカハ° -	CLOTH PLATE	1
32-17	51-835	角ゴ° マ° (後)	BLOCK (REAR)	1
32-18	52-182	マス押シネジ°	SCREW	1
32-19	75-224	ワッシャ	WASHER	3
32-20	75-370	ワッシャ	WASHER	1
32-21	75-455	ワッシャ	WASHER	4
32-22	75-527	スプ° リング° ワッシャ	SPRING WASHER	1
32-23	75-552	ワッシャ	WASHER	1
32-24	79-171	圧縮ハ° ネ	SPRING	1
32-25	79-309	引張コイルハ° ネ	SPRING	1
32-26	84-581	段ネジ°	SCREW	1
32-27	84-583	ネジ°	SCREW	1
32-28	84-661	ネジ°	SCREW	2
32-29	87-070	平頭付段ネジ°	SCREW	1
32-30	87-095	ネジ°	SCREW	2
32-31	87-106	ネジ°	SCREW	1
32-32	87-483	プラマイナベ小ねじ	SCREW	4
32-33	87-477	プラマイナベ小ねじ	SCREW	3
32-34	87-173	六角穴付きボルト	BOLT	1
32-35	87-177	六角穴付きボルト	BOLT	1
32-36	87-224	六角穴付きボルト	BOLT	2
32-37	87-254	ネジ°	SCREW	1
32-38	87-291	六角穴付きボルト	BOLT	2
32-39	87-482	プラマイナベ小ねじ	SCREW	2

33. 配管、配線図 WIRING AND PIPING

エア式 PNEUMATIC TYPE

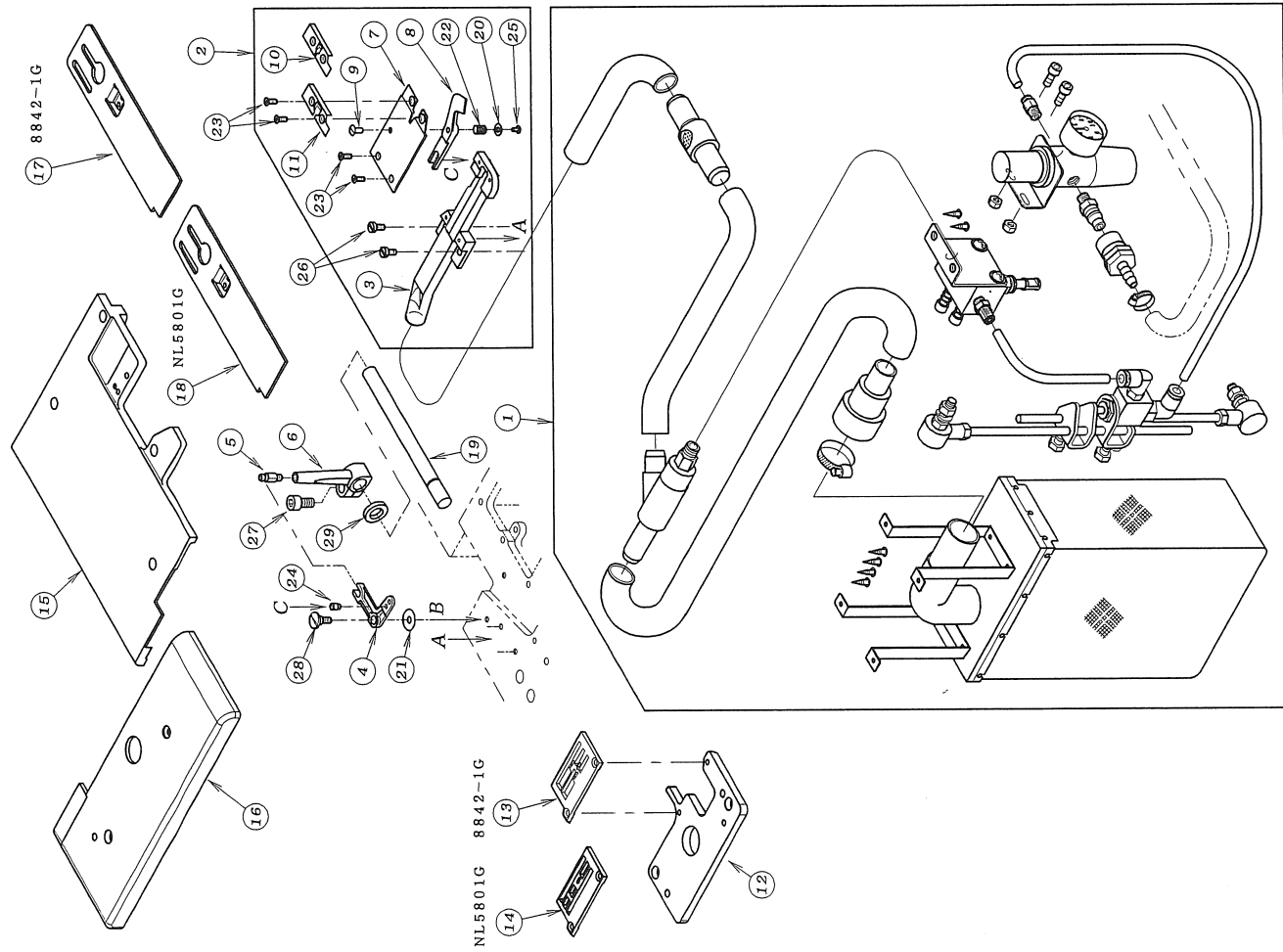


電気式 ELECTRIC TYPE



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
33-01	53-285	コントロールボックス	CONTROL BOX	1
33-02	53-286	膝スイッチ	KNEE SWITCH	1
33-03	05-212	フィルタレギ・レータ	REGULATOR	1
33-04	06-517	カプ・ラオス	CONNECTOR	1
33-05	05-218	六角穴付ハーフユニオン	JOINT	1
33-06	05-486	チューブ・φ6 x 1000mm	TUBE φ6 x 1000mm	1
33-07	05-036	電磁弁セット	SOLENOID VALVE ASSEMBLY	1
33-08	87-900	十字穴付丸ネジ	SCREW	2
33-09	05-571	チューブ・φ6 x 1000mm	TUBE φ6 x 1000mm	1
33-10	05-572	チューブ・φ6 x 1000mm	TUBE φ6 x 1000mm	1
33-11	53-287	中継コード (ソレノイド用)	RELAY CORD (SOLENOID)	1
33-12	06-516	カプ・ラオス	CONNECTOR	1
33-13	05-2120-A	フィルタレギ・ユレーター	REGULATOR	1
33-14	05-2120-B	取り付けブラケット	BRACKET	1
33-15	87-905	木ネジ	SCREW	2

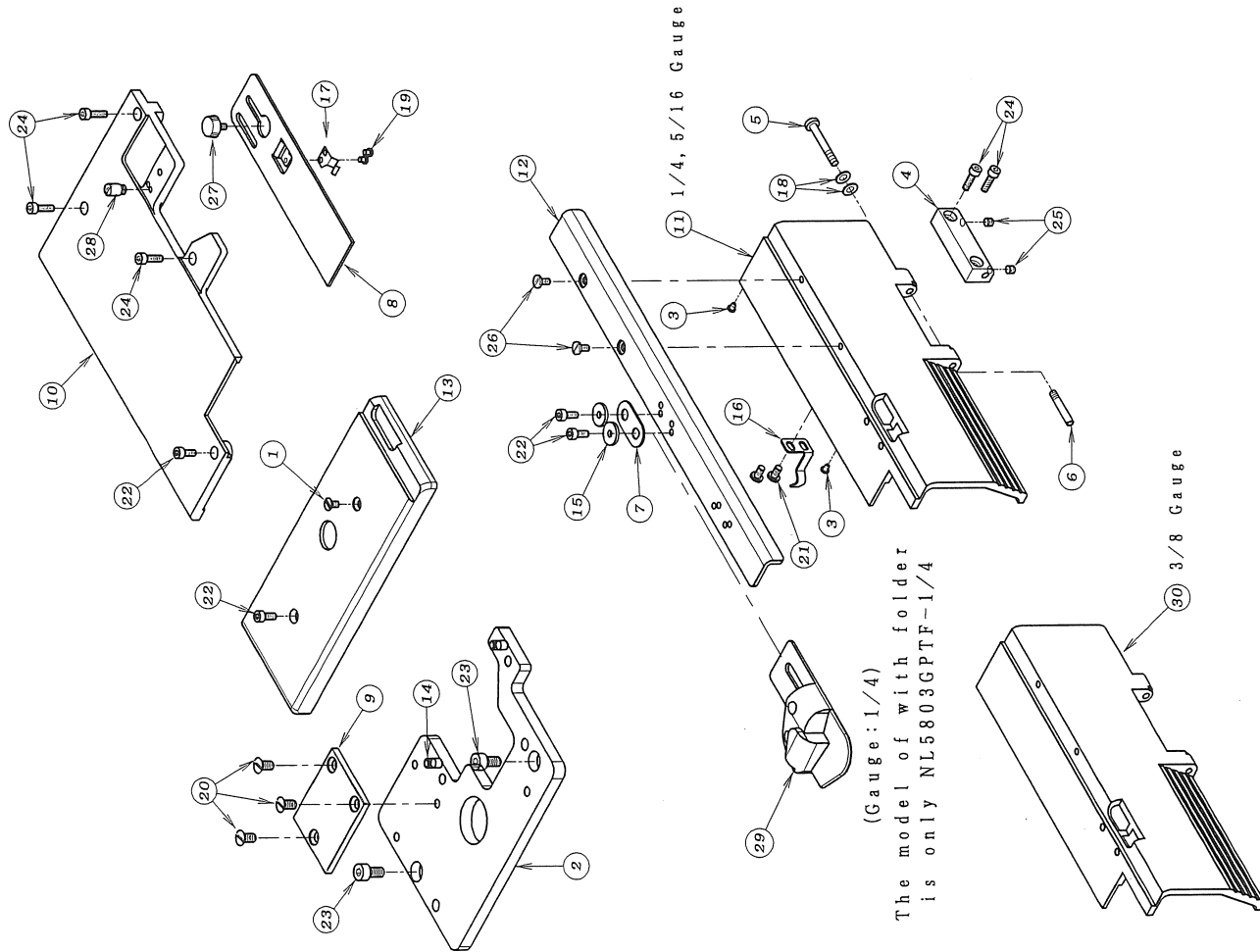
34. チェーンカッター機構 CHAIN CUTTER MECHANISM (CS-1)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
34-01	00-8019	集塵装置	VENTURI DEVICE FOR CS-1	1
34-02	00-8021	チェーンカッターセット	CS-1 ASS'Y	1
34-03	08-051	吸込み管	SUCTION PIPE	1
34-04	08-052	可動メスリンク	LINK	1
34-05	08-053	ピン玉	JOINT	1
34-06	08-054	可動メス駆動レバ	LEVER	1
34-07	08-055	固定メス	KNIFE	1
34-08	08-056	可動メス	TRIMMING KNIFE	1
34-09	08-057	可動メス支点ピン	PIN	1
34-10	08-058	案内板 (小)	CHAIN-OFF GUIDE COVER (S)	1
34-11	08-059	案内板 (大)	CHAIN-OFF GUIDE COVER (L)	1
34-12	14-148	針板土台	NEEDLE PLATE SUPPORT BRACKET	1
34-13	14-794	針板	NEEDLE PLATE	1
34-14	14-795	針板	NEEDLE PLATE	1
34-15	27-133W	上ベースカバー	CLOTH PLATE	1
34-16	27-359W	サイド・上ベースカバー	SIDE COVER	1
34-17	27-365	前ベースカバー	FRONT BASE COVER	1
34-18	27-366	前ベースカバー	FRONT BASE COVER	1
34-19	71-222	送り土台シャフト	SHAFT	1
34-20	75-224	ワッシャー	WASHER	1
34-21	75-343	平座金	WASHER	1
34-22	79-310	可動メス押しハネ	SPRING	1
34-23	84-192	ネジ	SCREW	4
34-24	84-337	段ネジ	SCREW	1
34-25	85-613	ネジ	SCREW	1
34-26	87-096	ネジ	SCREW	2
34-27	87-225	六角穴付きボルト	BOLT	1
34-28	87-462	平頭付段ネジ	SCREW	1
34-29	94-222	オイルシール	OIL SEAL	1

35. NL5803GP 専用フレーム関係

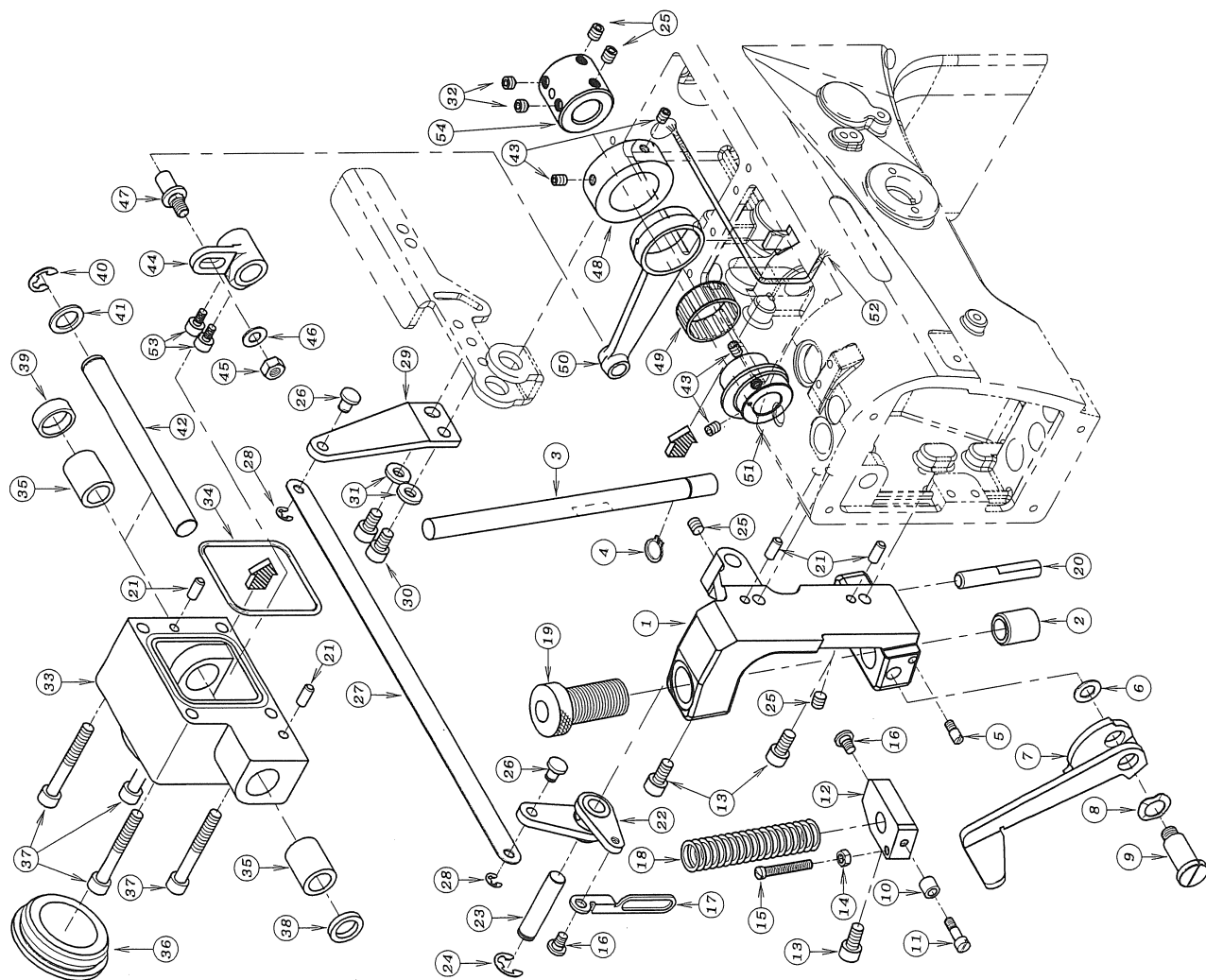
MODEL NL5803GP FRAME ASSEMBLY



REF. NO.	PART NO.	品名	DESCRIPTION	QTY
35-01	105-074	ネジ	SCREW	1
35-02	14-149	針板土台	NEEDLE PLATE BRACKET	1
35-03	23-512	クッションゴム	CUSHION RUBBER	2
35-04	25-516W	底板台ネジ	HINGE	1
35-05	25-517	ヒンジネジ	SCREW	1
35-06	25-527	カバーヒンジネジ	SCREW	1
35-07	26-822	ラッパ取付金具	PLATE	1
35-08	27-167	前ベースカバー	FRONT BASE COVER	1
35-09	27-255	ブレード台プレート	PLATE	1
35-10	27-256W	上ベースカバー	UPPER COVER	1
35-11	27-257W	前カバー	FRONT COVER	1
35-12	27-258	ホルダー取付プレート	PLATE	1
35-13	27-360	サイド上ベースカバー	SIDE CLOTH COVER	1
35-14	71-257	ノックピン	PIN	2
35-15	75-508	ワッシャー	WASHER	2
35-16	79-530	前カバー止めネジ	SPRING	1
35-17	79-804	ハネ	SPRING	1
35-18	79-922	皿ネジ	SPRING	2
35-19	84-167	ネジ	SCREW	2
35-20	84-464	ネジ	SCREW	3
35-21	84-574	ネジ	SCREW	2
35-22	87-113	六角穴付きボルト	BOLT	4
35-23	87-177	六角穴付きボルト	BOLT	2
35-24	87-214	六角穴付きボルト	BOLT	5
35-25	87-274	ネジ	SCREW	2
35-26	87-288	ネジ	SCREW	2
35-27	87-292	調節ネジ	SCREW	1
35-28	87-423	段ネジ	SCREW	1
35-29	97-5116-4	フォルダー6.4mm	FOLDER	1
35-30	27-368	前カバー	FRONT COVER	1

36. NL5803GP 後プーラー機構 (1)

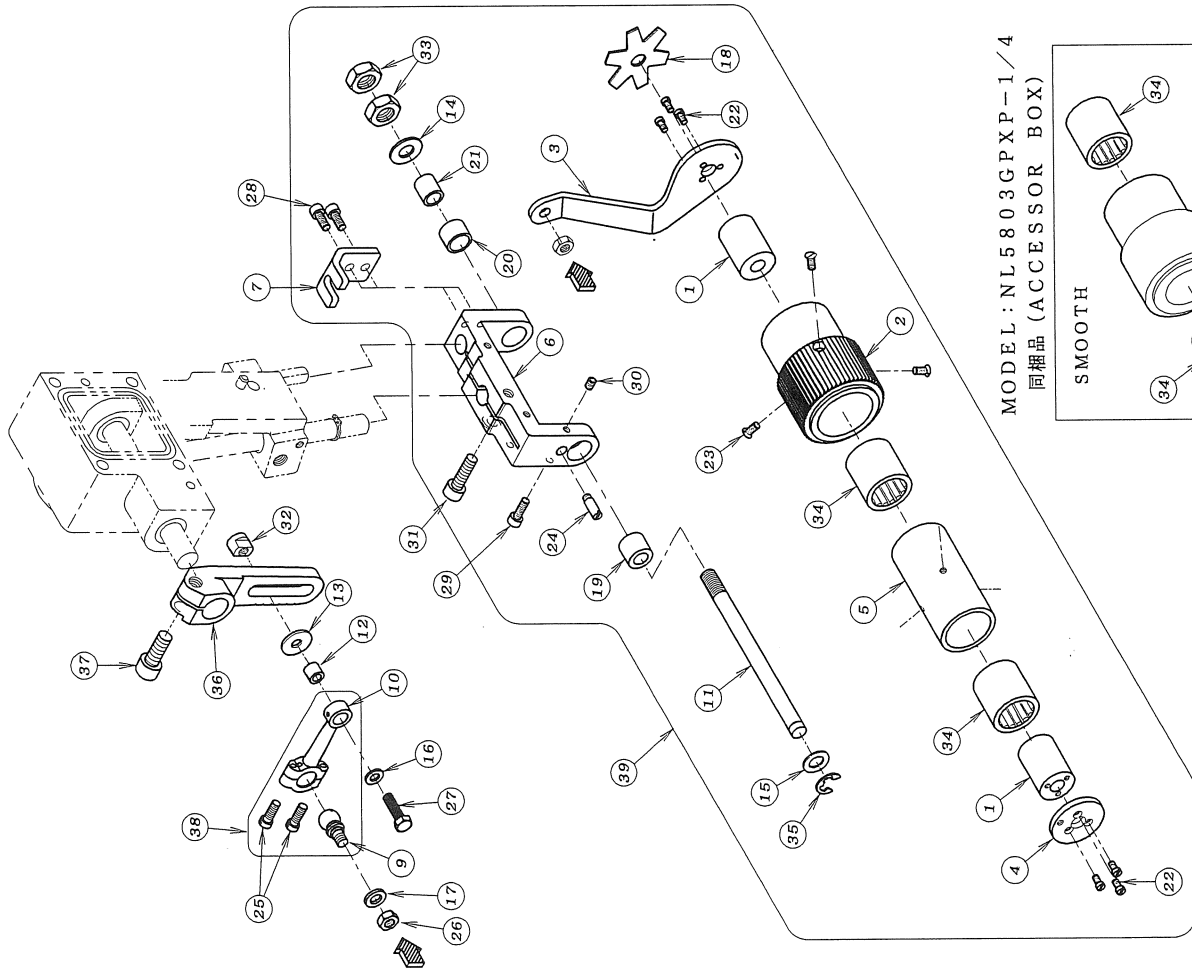
REAR PULLER MECHANISM (1)



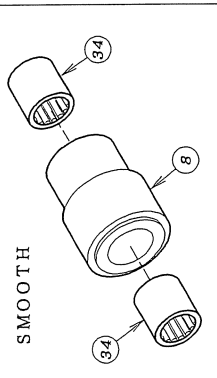
REF. NO.	PART NO.	品 名	DESCRIPTION	QTY
36-01	02-225W	後プーラーブラケット	REAR PULLER BRACKET	1
36-02	81-133	ブッシュ	BUSHING	1
36-03	71-464	後プーラーシャフト	SHAFT	1
36-04	93-261	Eリング	E-RING	1
36-05	84-562	段ネジ	SCREW	1
36-06	75-519	ワッシャー	WASHER	1
36-07	02-216	手摺用金具	PULLER LIFTING LEVER	1
36-08	02-112	波ワッシャー	CORRUGATED WASHER	1
36-09	85-671	ネジ	SCREW	1
36-10	75-211	カラー	COLLAR	1
36-11	84-582	ネジ	SCREW	1
36-12	02-217	後プーラーシャフト抱き	BRACKET	1
36-13	87-225	ネジ	SCREW	3
36-14	86-311	ナット	NUT	1
36-15	84-569	ネジ	SCREW	1
36-16	84-581	ネジ	SCREW	2
36-17	02-218	後プーラー抱き連結プレート	CONNECTING PLATE	1
36-18	79-640	バネ	SPRING	1
36-19	87-754	筒ネジ	SCREW	1
36-20	71-729	プーラー回り止めピン	GUIDE PIN	1
36-21	71-208	ノックピン	PIN	4
36-22	02-219	後プーラー掬レバー	LEVER	1
36-23	71-726	シャフト	SHAFT	1
36-24	93-222	Eリング	E-RING	1
36-25	87-172	ネジ	SCREW	4
36-26	77-419	押動連結ピン	PIN	2
36-27	77-037	押動連結板	PLATE	1
36-28	93-205	Eリング	E-RING	2
36-29	77-421	押動レバー	LEVER	1
36-30	87-203	ネジ	SCREW	2
36-31	75-458	ワッシャー	WASHER	2
36-32	87-259	ネジ	SCREW	2
36-33	02-220W	ヒップーラー軸ケース	BRACKET	1
36-34	23-542	Oリング	O-RING	1
36-35	81-559	ヒップーラー軸ブッシュ	BUSHING	2
36-36	23-541	コネクタ	PLUG	1
36-37	87-186	ネジ	SCREW	4
36-38	94-502	オイルシール	OIL SEAL	1
36-39	94-506	シールキャップ	PLUG	1
36-40	93-223	Eリング	E-RING	1
36-41	75-187	ワッシャー	WASHER	1
36-42	71-727	ヒップーラー駆動軸	SHAFT	1
36-43	87-254	ネジ	SCREW	4
36-44	67-528	ヒップーラー掬レバー	LEVER	1
36-45	88-166	ナット	NUT	1
36-46	75-452	ワッシャー	WASHER	1
36-47	04-502	調節ピン	PIN	1
36-48	75-272	スラストカラー	COLLAR	1
36-49	91-413	ニードルベアリング	NEEDLE BEARING	1
36-50	63-535	プーラークランクロッド	CRANK ROD	1
36-51	61-551	プーラーエキセン	ECCENTRIC	1
36-52	23-556	フェルト	FELT	1
36-53	87-024	六角穴付ボルト	BOLT	2
36-54	75-273	上軸ジョイント (P用)	JOINT COLLAR (for P model)	1

37. NL5803GP 後プーラー機構 (2)

REAR PULLER MECHANISM (2)



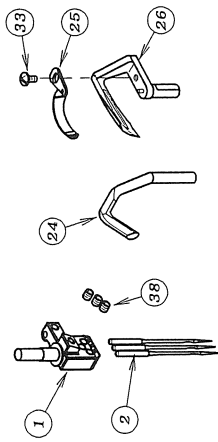
MODEL: NL5803GPXP-1/4
同梱品 (ACCESSOR BOX)



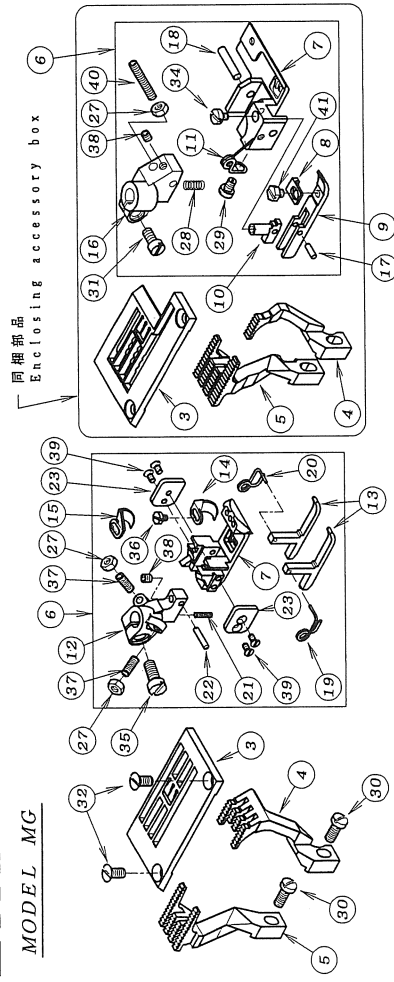
REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
37-01	01-115	スリーブ	SLEEVE	2
37-02	02-016	後プーラーギア (59山)	REAR PULLER GEAR	1
37-03	02-017	後プーラー連結板	CONNECTING PLATE	1
37-04	02-117	後プーラーハウジング (中)	CLUTCH HOUSING	1
37-05	02-123	ワンウェイクラッチ用ハウジング (中)	REAR PULLER HOLDER	1
37-06	02-158	後プーラー台	BRACKET	1
37-07	02-250	回り止ブラケット	SMOOTH PULLER	1
37-08	02-497	スムース	CONNECTING ROD BALL	1
37-09	61-810	プーラー連結ロッド・玉	BALL JOINT	1
37-10	63-809	プーラー連結ロッド	SHAFT	1
37-11	71-444	後プーラー台シャフト (中)	ROLLER	1
37-12	75-247	連結メカ・ネローラー	WASHER	1
37-13	75-407	ワッシャー	WASHER	1
37-14	75-451	ワッシャー	WASHER	1
37-15	75-519	ワッシャー	WASHER	1
37-16	75-520	ワッシャー	WASHER	1
37-17	75-552	ワッシャー	WASHER	1
37-18	79-551	プーラー板ハ・ネ	PULLER PLATE SPRING	1
37-19	81-321	ブッシュ	BUSHING	1
37-20	81-322	ブッシュ	BUSHING	1
37-21	81-323	ブッシュ	BUSHING	1
37-22	84-162	ネジ	SCREW	6
37-23	84-462	ネジ	SCREW	3
37-24	84-573	段ネジ	SCREW	1
37-25	84-635	ネジ	SCREW	2
37-26	86-411	ナット	NUT	1
37-27	87-015	ネジ	SCREW	1
37-28	87-113	六角穴付きボルト	BOLT	2
37-29	87-129	六角穴付きボルト	BOLT	1
37-30	87-181	ネジ	SCREW	1
37-31	87-173	六角穴付きボルト	BOLT	1
37-32	88-005	ナット	NUT	1
37-33	88-179	ナット	NUT	2
37-34	91-407	ワンウェイクラッチ	BEARING	4
37-35	93-221	ストップリング	E-RING	1
37-36	67-529	上プーラー駆動レバー	LEVER	1
37-37	87-171	六角穴付きボルト	BOLT	1
37-38	60-8090	プーラー連結ロッドセット	CONNECTING ROD ASS'Y	1
37-39	00-5284	59山プーラーセット	59TEETH REAR PULLER ASS'Y	1

38. ガージ関係 (1) GAUGE PARTS (1)

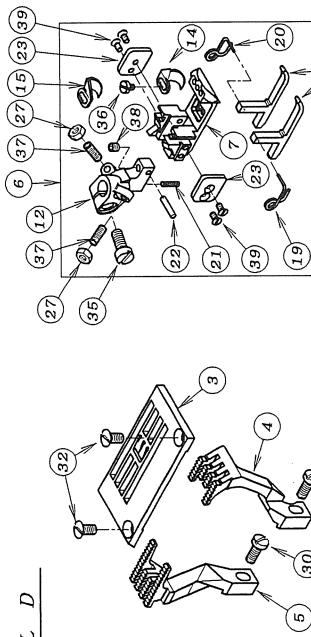
STANDARD



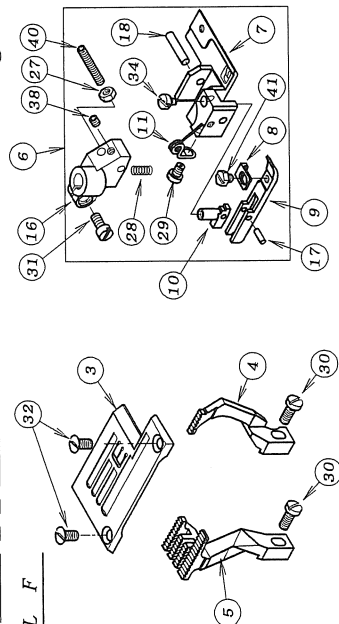
MODEL MG



MODEL D



MODEL F

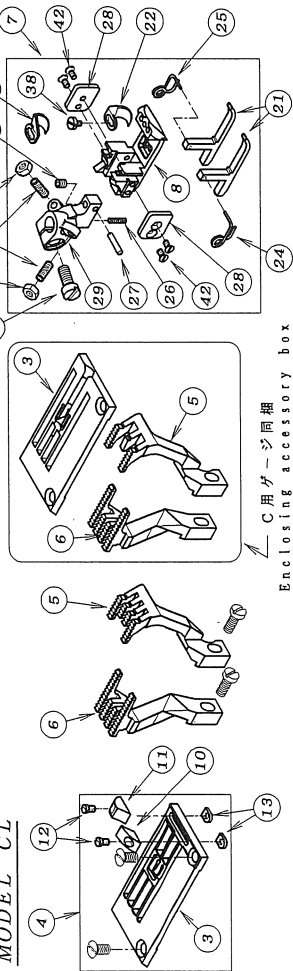


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
38-01	*	針株	NEEDLE HOLDER	1
38-02	*	針 (UYX128GAS #11~#14)	NEEDLE	*
38-03	*	針板	NEEDLE PLATE	1
38-04	*	前送歯	FRONT FEED DOG	1
38-05	*	後送歯	REAR FEED DOG	1
38-06	*	押えセット	PRESSER FOOT ASS'Y	1
38-07	*	押え足	BOTTOM	1
38-08	17-1760-K	テープ・ガイド	TAPE GUIDE	1
38-09	17-1760-Y	押えガイド足	GUIDE BRACKET	1
38-10	17-1760-Z	ガイド足金具	GUIDE PIN	1
38-11	17-7490-L	押え足ハネ	SPRING	2
38-12	17-9380-A	押えホース	SHANK	1
38-13	17-7680-B	補助押え足	GUIDE	2
38-14	17-7680-K	生駒ガイド	GUIDE	1
38-15	17-7680-L	生地ガイド	GUIDE	1
38-16	17-7760-A	押えホース	SHANK	1
38-17	17-7760-D	ピン	PIN	1
38-18	17-7760-E	ピン	PIN	1
38-19	17-8190-D	補助押え足ハネ (左)	SPRING (LEFT)	1
38-20	17-8190-E	補助押え足ハネ (右)	SPRING (RIGHT)	1
38-21	17-8190-F	ハネ	SPRING	1
38-22	17-8190-G	ピン	PIN	1
38-23	17-8190-J	ガイドプレート	GUIDE PLATE	2
38-24	18-811	針受	NEEDLE GUARD	1
38-25	19-116	補助ルーバー	NEEDLE GUIDE	1
38-26	19-539	ルーバー	LOOPER	1
38-27	88-136	ナット	NUT	1~2
38-28	79-191	ハネ	SPRING	1
38-29	84-161	ネジ	SCREW	1
38-30	84-359	ネジ	SCREW	2
38-31	84-382	ネジ	SCREW	1
38-32	84-464	ネジ	SCREW	2
38-33	85-613	ネジ	SCREW	1
38-34	85-621	ネジ	SCREW	1
38-35	87-034	ネジ	SCREW	1
38-36	87-035	ネジ	SCREW	1
38-37	87-071	ネジ	SCREW	2
38-38	87-104	ネジ	SCREW	*
38-39	87-107	ネジ	SCREW	4
38-40	87-130	ネジ	SCREW	1
38-41	87-397	テープ・ガイド・取付ネジ	BOLT	1

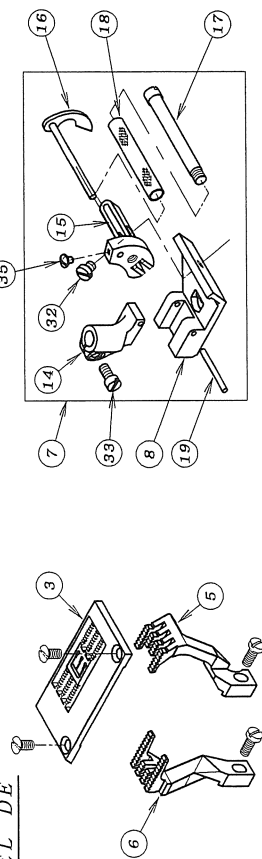
*各ガージ部品の品番は、47、48ページのガージパーツ表を参照して下さい。
* Please refer to Page 47, 48 GAUGE PARTS LIST

39. ゲージ関係 (2) GAUGE PARTS (2)

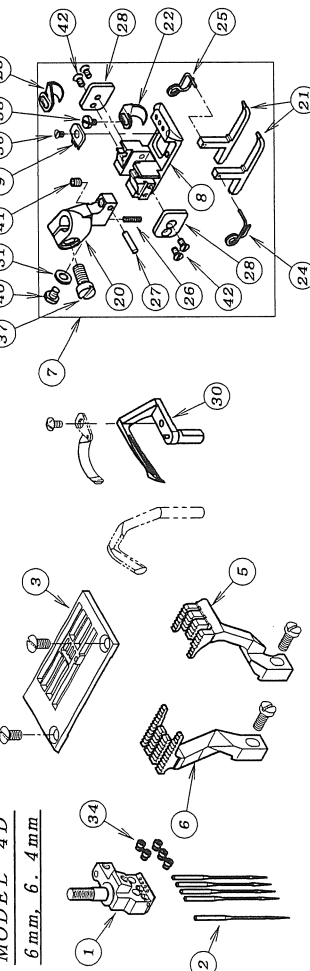
MODEL CL



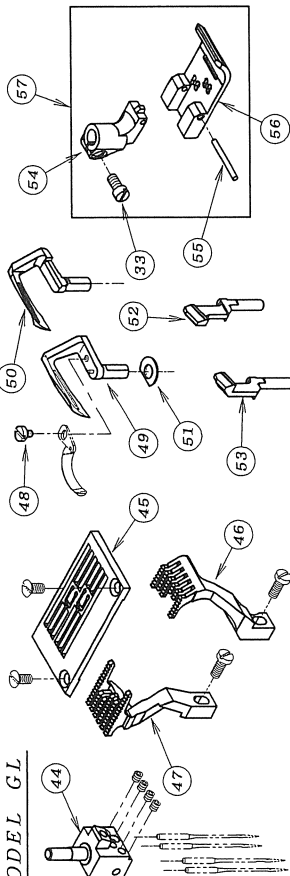
MODEL DE



MODEL 4D



MODEL GL

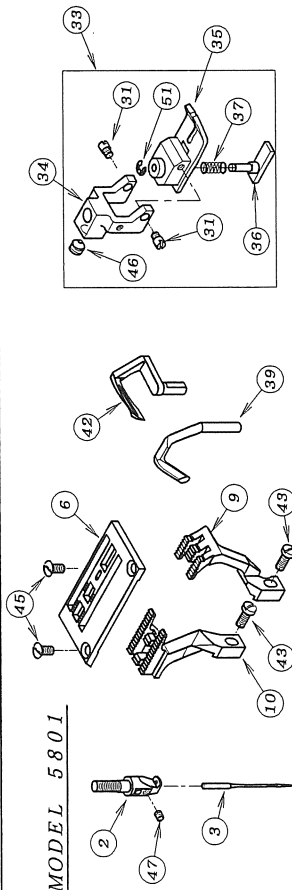


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
39-01	*	針株	NEEDLE HOLDER	1
39-02	13-3020-5	針 (SM1014H #10S)	NEEDLE	5
39-03	*	針板	NEEDLE PLATE	1
39-04	*	針板セット	NEEDLE PLATE ASS'Y	1
39-05	*	前送り歯	FRONT FEED DOG	1
39-06	*	後送り歯	REAR FEED DOG	1
39-07	*	押えセット	PRESSER FOOT ASS'Y	1
39-08	*	押え足	BOTTOM	1
39-09	*	押え爪	STITCH TONGUE	1
39-10	14-8970-A	布カ・イト* (左)	EDGE GUIDE (LEFT)	1
39-11	14-8970-B	布カ・イト* (右)	EDGE GUIDE (RIGHT)	1
39-12	14-8970-C	ネジ	SCREW	2
39-13	14-8970-D	ナット	NUT	2
39-14	17-4430-A	押えホ・ス	SHANK	1
39-15	17-7250-C	ローラー・ブ・ラケット	ROLLER BRACKET	1
39-16	17-7250-D	スライダイト* カ・イト*	ELASTIC GUIDE	1
39-17	17-7250-E	ローラー・セットネジ	SCREW	1
39-18	17-7250-F	カ・イト* ロラー	GUIDE ROLLER	1
39-19	17-7250-G	ピン	PIN	1
39-20	17-7680-A	押え足ホ・ス	SHANK	1
39-21	17-7680-B	補助押え足	GUIDE	1
39-22	17-7680-K	生地カ・イト*	GUIDE	1
39-23	17-7680-L	生地カ・イト*	GUIDE	1
39-24	17-8190-D	補助押え足ハ・ネ (左)	SPRING (LEFT)	1
39-25	17-8190-E	補助押え足ハ・ネ (右)	SPRING (RIGHT)	1
39-26	17-8190-F	ハ・ネ	SPRING	1
39-27	17-8190-G	ピン	PIN	1
39-28	17-8190-J	カ・イト* フ・レト	GUIDE PLATE	2
39-29	17-9380-A	押え足ホ・ス	SHANK	1
39-30	19-599	ルーバー	LOOPER	1
39-31	175-228	ワッシャ	WASHER	1
39-32	184-364	ネジ	SCREW	1
39-33	184-382	ネジ	SCREW	1
39-34	185-603	ネジ	SCREW	5
39-35	185-611	ネジ	SCREW	1
39-36	185-616	ネジ	SCREW	1
39-37	187-034	ネジ	SCREW	1
39-38	187-035	ネジ	SCREW	1
39-39	187-071	六角穴止めねじ	SCREW	1
39-40	187-083	ネジ	SCREW	1
39-41	187-104	ネジ	SCREW	1
39-42	187-107	ネジ	SCREW	4
39-43	188-136	ナット	NUT	1
39-44	112-797	針板	NEEDLE HOLDER	1
39-45	14-797	針板	NEEDLE PLATE	1
39-46	15-797	前送り歯	FRONT FEED DOG	1
39-47	15-798	後送り歯	REAR FEED DOG	1
39-48	185-621	ネジ	SCREW	1
39-49	19-539	ルーバー	LOOPER	1
39-50	19-797	ルーバー (右)	LOOPER (RIGHT)	1
39-51	175-558	底金	WASHER	1
39-52	18-797	針受け右	NEEDLE GUARD (RIGHT)	1
39-53	18-798	針受け左	NEEDLE GUARD (LEFT)	1
39-54	17-7830-A	押えホ・ス	SHANK	1
39-55	17-5480-G	平行ピン	PIN	1
39-56	17-7830-B	押え足テーブ付け用	BOTTOM	1
39-57	17-7830-1	押えセット図	PRESSER FOOT ASS'Y	1

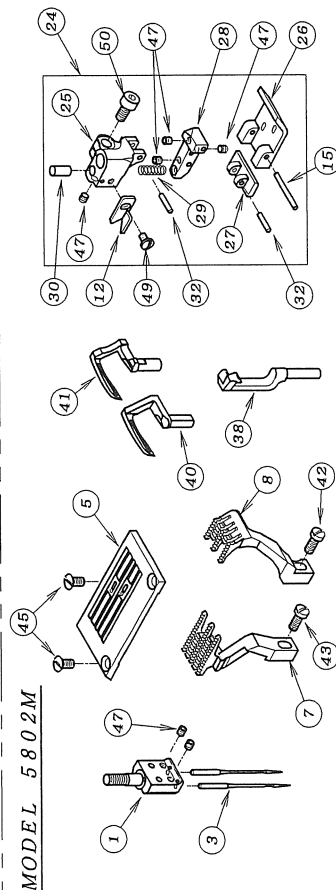
*各ゲージ部品の品番は、47, 48ページのゲージパーツ表を参照して下さい。
* Please refer to Page 47, 48 GAUGE PARTS LIST

40. ゲージ関係 (3) GAUGE PARTS (3)

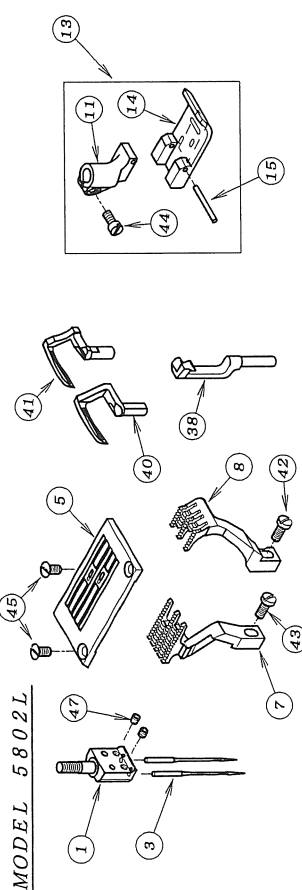
MODEL 5801



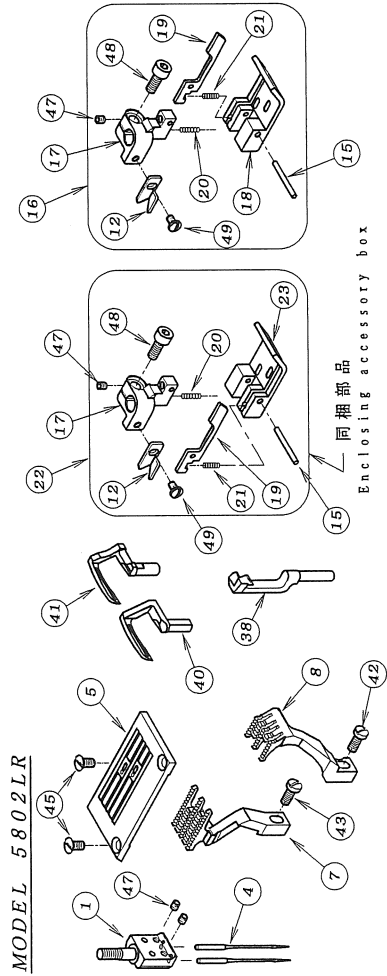
MODEL 5802M



MODEL 5802L



MODEL 5802LR

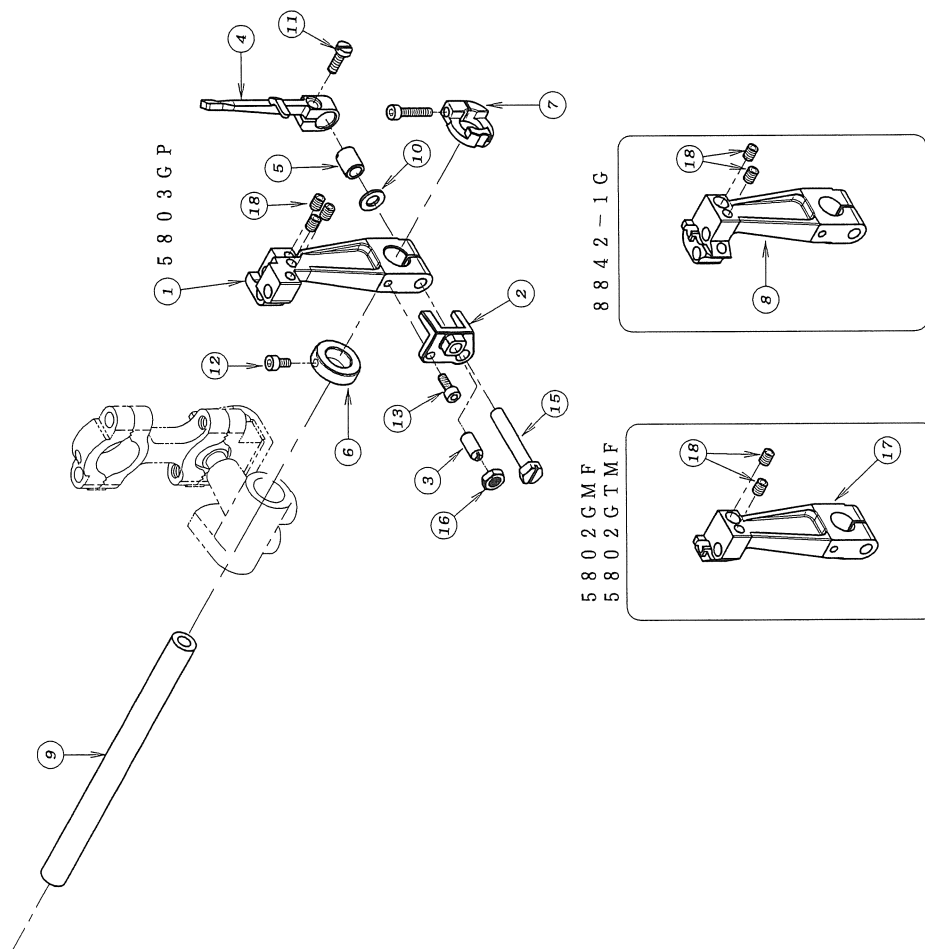


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
40-01	12-563	針株	NEEDLE HOLDER	1
40-02	12-877	針株	NEEDLE HOLDER	1
40-03	13-0110-6	針 (UYX128GAS #11)	NEEDLE	1~2
40-04	13-0160-6	針 (UYX128GAS #16)	NEEDLE	2
40-05	14-563	針板	NEEDLE HOLDER	1
40-06	14-877	針板	NEEDLE PLATE	1
40-07	15-535	後送歯	REAR FEED DOG	1
40-08	15-536	前送歯	FRONT FEED DOG	1
40-09	15-831	前送歯	FRONT FEED DOG	1
40-10	15-832	後送歯	REAR FEED DOG	1
40-11	17-4430-A	押えホ'ス	SHANK	1
40-12	17-5060-K	糸切りメス	KNIFE	1
40-13	17-5480-1	押え足セット	PRESSER FOOT ASSEMBLY	1
40-14	17-5480-B	押え足テ'プ' 付け用 (1/4)	BOTTOM	1
40-15	17-5480-G	平行ピ'シ	PIN	1
40-16	17-5490-1	押え足セット図 (右ガイド用)	PRESSER FOOT ASS' Y	1
40-17	17-5490-A	押えボ'ス	SHANK	1
40-18	17-5490-B	押え足 (右ガイド用)	BOTTOM (RIGHT)	1
40-19	17-5490-C	ガイド足	GUIDE	1
40-20	17-5490-D	押え足用パネ	SPRING	1
40-21	17-5490-E	ガイド足用パネ	SPRING	1
40-22	17-5500-1	押え足セット図 (左ガイド用)	PRESSER FOOT ASS' Y	1
40-23	17-5500-B	押え足 (左ガイド用)	BOTTOM (LEFT)	1
40-24	17-5630-1	押え足セット	PRESSER FOOT ASSEMBLY	1
40-25	17-5630-A	押えボ'ス	SHANK	1
40-26	17-5630-B	押え足 (1/4)	BOTTOM	1
40-27	17-5630-C	補助押え足	BOTTOM	1
40-28	17-5630-D	押え取付台	BRACKET	1
40-29	17-5630-E	圧縮パ'ネ	SPRING	1
40-30	17-5630-F	ハ'ネ調整ピ'シ	PIN	1
40-31	17-6720-C	押え足取付けネジ'	SCREW	2
40-32	17-8190-G	ピ'シ	PIN	2
40-33	17-8770-1	押え足セット (LX)	PRESSER FOOT A' SSSY	1
40-34	17-8770-A	押えボ'ス	SHANK	1
40-35	17-8770-B	押え足	BOTTOM	1
40-36	17-8770-C	補助押え	GUIDE BRACKET	1
40-37	17-8770-D	ハ'ネ	SPRING	1
40-38	18-533	針受け後	NEEDLE GUIDE	1
40-39	18-811	針受	NEEDLE GUARD	1
40-40	19-837	ル'ハ' - (中)	LOOPER (MEDIUM)	1
40-41	19-838	ル'ハ' - (右)	LOOPER (RIGHT)	1
40-42	19-877	ル'ハ' -	LOOPER	1
40-43	84-359	ネジ'	SCREW	2
40-44	84-382	ネジ'	SCREW	1
40-45	84-464	ネジ'	SCREW	2
40-46	84-726	ネジ'	SCREW	1
40-47	87-104	ネジ'	SCREW	*
40-48	87-113	六角穴付きボルト	BOLT	1
40-49	87-166	ネジ'	SCREW	1
40-50	87-177	六角穴付きボルト	BOLT	1
40-51	193-195	E形止め輪	E-RING	1

*各ゲージ部品の品番は、47、48ページのゲージパーツ表を参照して下さい。
* Please refer to Page 47, 48 GAUGE PARTS LIST

41. 特殊ルーパ°ー台機構 (5803GP, 5802GMF, 5802GTMF, 8842-1G)

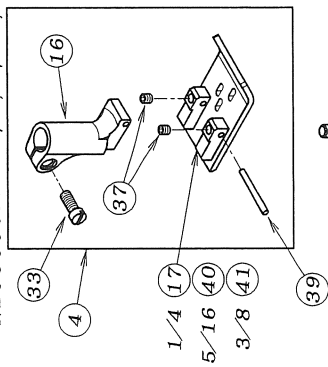
SPECIAL LOOPER HOLDER MECHANISM



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
41-01	19-573	ルーパ°ー台	LOOPER HOLDER	1
41-02	19-574	ルーパ°ー台ストップ°	BRACKET	1
41-03	19-575	プ°ランジ°ヤ°	PLUNGER	1
41-04	19-576	レバ°	LEVER	1
41-05	19-577	ナット	NUT	1
41-06	19-578	位置決めカラー	COLLAR	1
41-07	19-579	ルーパ°ー台ストップ°カラー	LOOPER HOLDER COLLAR	1
41-08	19-839	ルーパ°ー台	LOOPER HOLDER	1
41-09	71-575	ルーパ°ー軸	LOOPER SHAFT	1
41-10	75-520	ワッシャ	WASHER	1
41-11	87-011	ネジ°	SCREW	1
41-12	87-123	六角穴付きボルト	BOLT	1
41-13	87-124	ネジ°	SCREW	1
41-14	87-140	六角穴付きボルト	BOLT	1
41-15	87-337	六角ボルト	BOLT	1
41-16	88-018	六角ナット	NUT	1
41-17	19-566	ルーパ°ー台	LOOPER HOLDER	1
41-18	87-181	ネジ°	SCREW	7

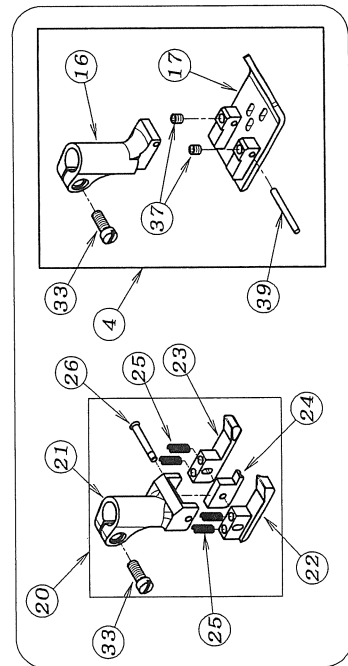
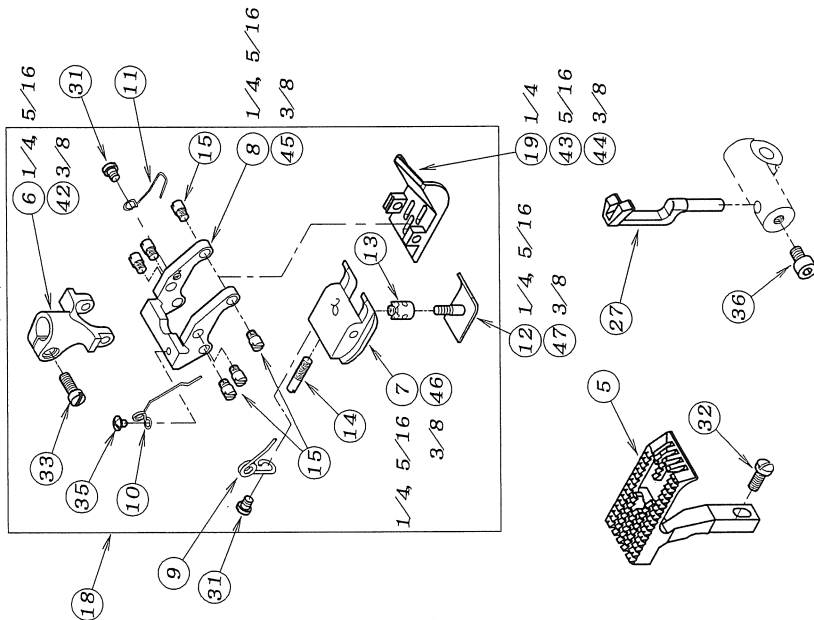
42. 5803GP ガージ関係 (4) GAUGE PARTS (4)

NL5803GPHD-1/4, 5/16, 3/8



NL5803GPXP-1/4

NL5803GPTF-1/4, 5/16, 3/8



同梱部品: MODEL NL5803GPXP-1/4
Enclosing accessory box

REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
42-01 *		針株	NEEDLE HOLDER	1
42-02	13-1480-5針 (TVX5 #18)	針	NEEDLE	3
42-03 *		針板	NEEDLE PLATE	1
42-04 *		押えセット	PRESSER FOOT ASS'Y	1
42-05 *		送り歯 (右巻き) 標準	FEED DOG	1
42-06	17-5530-A 押えボス (1/4, 5/16)	押えボス (1/4, 5/16)	SHANK (1/4, 5/16)	1
42-07	17-5530-B 押え足 (後) 1/4, 5/16	押え足 (後) 1/4, 5/16	BOTTOM REAR (1/4, 5/16)	1
42-08	17-5530-C 押え足ホルダー 1/4, 5/16	押え足ホルダー 1/4, 5/16	BOTTOM HOLDER (1/4, 5/16)	1
42-09	17-5530-D 押えガイド足ハネ	押えガイド足ハネ	SPRING	1
42-10	17-5530-E 押え足後ハネ	押え足後ハネ	SPRING	1
42-11	17-5530-G 押え足ハネ	押え足ハネ	SPRING	1
42-12	17-5530-H 押えガイド足 1/4, 5/16	押えガイド足 1/4, 5/16	GUIDE (1/4, 5/16)	1
42-13	17-5530-I 押えガイド足調節ナット	押えガイド足調節ナット	NUT	1
42-14	17-5530-J 押え足固定ネジ	押え足固定ネジ	SCREW	1
42-15	17-5530-K ネジ	押え足固定ネジ	SCREW	6
42-16	17-5750-A 押えボス	押えボス	SHANK	1
42-17	17-5750-B 押え足 (1/4)	押え足 (1/4)	BOTTOM (1/4)	1
42-18 *		押えセット (右巻)	PRESSER FOOT ASS'Y	1
42-19	17-5690-B 押え足前 (1/4)	押え足前 (1/4)	BOTTOM FRONT (1/4)	1
42-20	17-5800-1 押えセット	押えセット	PRESSER FOOT ASS'Y	1
42-21	17-5800-A 押えボス	押えボス	SHANK	1
42-22	17-5800-B 押え足 (左)	押え足 (左)	BOTTOM (LEFT)	1
42-23	17-5800-C 押え足 (右)	押え足 (右)	BOTTOM (RIGHT)	1
42-24	17-5800-D 押え足	押え足	BOTTOM	1
42-25	17-5800-E 押え足圧縮バネ	押え足圧縮バネ	SPRING	4
42-26	17-5800-F 押え足取付ネジ	押え足取付ネジ	SCREW	1
42-27 *		針受け	NEEDLE GUARD	1
42-28 *		ルーパ -	LOOPER	1
42-29 *		中ルーパ -	LOOPER	1
42-30 *		ルーパ -	LOOPER	1
42-31	184-167 ネジ	ネジ	SCREW	1
42-32	184-359 ネジ	ネジ	SCREW	1
42-33	184-376 ネジ	ネジ	SCREW	3
42-34	184-575 ネジ	ネジ	SCREW	2
42-35	185-611 ネジ	ネジ	SCREW	1
42-36	187-092 六角穴付きボルト	六角穴付きボルト	BOLT	1
42-37	187-104 ネジ	ネジ	SCREW	5
42-38	187-181 ネジ	ネジ	SCREW	3
42-39	17-5480-G 平行ピン	平行ピン	PIN	1
42-40	17-5780-B 押え足 (5/16)	押え足 (5/16)	BOTTOM (5/16)	1
42-41	17-5770-B 押え足 (3/8)	押え足 (3/8)	BOTTOM (3/8)	1
42-42	17-5970-A 押えボス (3/8)	押えボス (3/8)	SHANK (3/8)	1
42-43	17-5430-B 押え足前 (5/16)	押え足前 (5/16)	BOTTOM FRONT (5/16)	1
42-44	17-5970-B 押え足前 (3/8)	押え足前 (3/8)	BOTTOM FRONT (3/8)	1
42-45	17-5970-C 押え足ホルダー 3/8	押え足ホルダー 3/8	BOTTOM HOLDER (3/8)	1
42-46	17-5970-D 押え足 (後) 3/8	押え足 (後) 3/8	BOTTOM REAR (3/8)	1
42-47	17-5970-E 押えガイド足 3/8	押えガイド足 3/8	GUIDE (3/8)	1

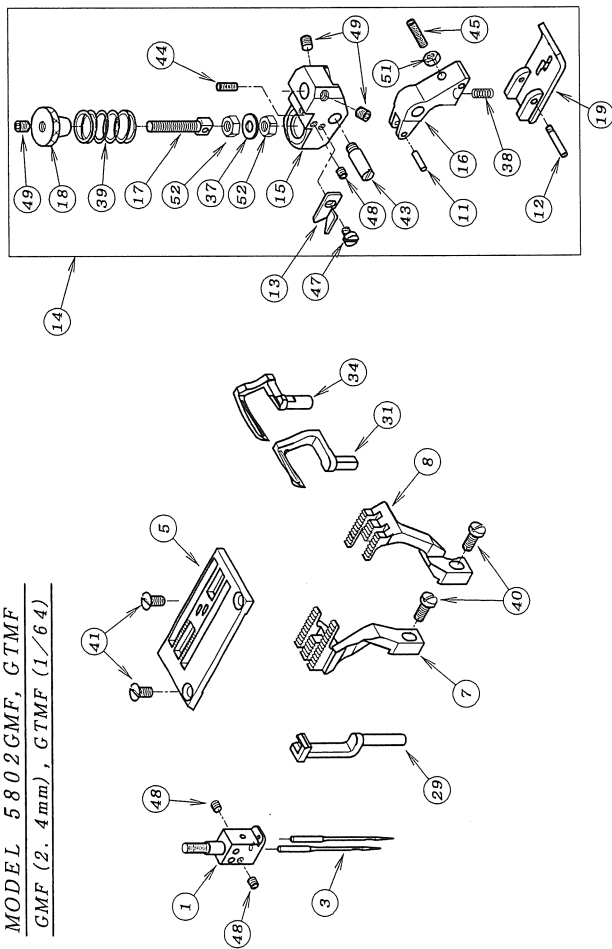
*各ガージ部品の品番は、47, 48ページのガージパーツ表を参照して下さい。

* Please refer to Page 47, 48 GAUGE PARTS LIST

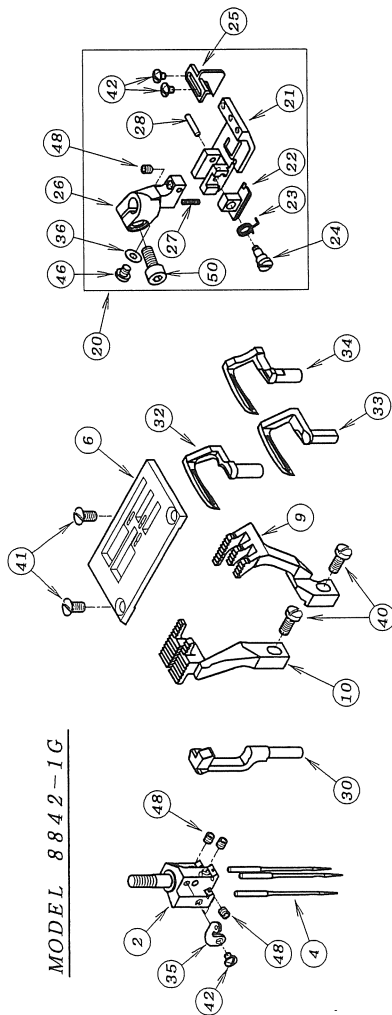
43. ゲージ関係 (5) GAUGE PARTS (5)

MODEL 5802GMF, GTMF

GMF (2.4 mm), GTMF (1/64)



MODEL 8842-1G



REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
43-01*		針株	NEEDLE HOLDER	1
443-02	12-835	針株	NEEDLE HOLDER	1
43-03	13-0110-6針 (UYX128GAS #11)		NEEDLE	2
43-04	13-0140-6針 (UYX128GAS #14)		NEEDLE	3
43-05*		針板	NEEDLE PLATE	1
43-06	14-835	針板	NEEDLE PLATE	1
43-07*		後送歯	REAR FEED DOG	1
43-08*		前送歯	FRONT FEED DOG	1
43-09	15-836	前送歯	FRONT FEED DOG	1
43-10	15-837	後送歯	REAR FEED DOG	1
43-11	17-5060-G	調節金具取付ピソ	PIN	1
43-12	17-5060-J	押エ足取付ピソ	PIN	1
43-13	17-5060-K	糸切リメス	KNIFE	1
43-14*		押エセツト	PRESSER FOOT ASS'Y	1
43-15	17-5610-A	押エホ'ス	SHANK	1
43-16	17-5610-B	押エ足'ラケツト	BRACKET	1
43-17	17-5610-C	押エ調節金具	HINGE SCREW	1
43-18	17-5610-D	ハ'ネ調節ナツト	NUT	1
43-19*		押エ足	BOTTOM	1
43-20	17-7810-1	押エセツト	PRESSER FOOT ASS'Y	1
43-21	17-7810-B	押エ足	BOTTOM	1
43-22	17-7810-C	補助押エ足	GUIDE	1
43-23	17-7810-D	押エハ'ネ	SPRING	1
43-24	17-7810-E	補助押エ足止めネジ'	SCREW	1
43-25	17-7810-F	布カ'イト'	GUIDE	1
43-26	17-8190-A	押エ足ホ'ス	SHANK	1
43-27	17-8190-F	ハ'ネ	SPRING	1
43-28	17-8190-G	ピソ	PIN	1
43-29*		針受け	NEEDLE GUARD	1
43-30	18-835	針受け	NEEDLE GUARD	1
43-31*		前ル-ハ'-	FRONT LOOPER	1
43-32	19-836	ル-ハ'- (左)	LOOPER (LEFT)	1
43-33	19-837	ル-ハ'- (中)	LOOPER (MEDIUM)	1
43-34	19-838	ル-ハ'- (右)	LOOPER (RIGHT)	2
43-35	45-803	針株糸遣	THREAD EYELET	1
43-36	75-441	ワッヂヤ	WASHER	1
43-37	75-473	ワッヂヤ	WASHER	1
43-38	79-191	ハ'ネ	SPRING	1
43-39	79-561	調節ハ'ネ	SPRING	1
43-40	84-359	ネジ'	SCREW	4
43-41	84-464	ネジ'	SCREW	4
43-42	85-611	ネジ'	SCREW	3
43-43	87-069	フ'ラケツト取付ピソ	PIN	1
43-44	87-071	六角穴付止めねじ	SCREW	1
43-45	87-072	六角穴付止めねじ	SCREW	1
43-46	87-083	ネジ'	SCREW	1
43-47	87-095	ネジ'	SCREW	1
43-48	87-104	ネソ	SCREW	7
43-49	87-106	ネジ	SCREW	3
43-50	87-113	六角穴付きボルト	BOLT	1
43-51	88-136	ナツト	NUT	1
43-52	88-146	ナツト	NUT	2

*各ゲージ部品の品番は、47. 48ページのゲージパーツ表を参照して下さい。

* Please refer to Page 47, 48 GAUGE PARTS LIST

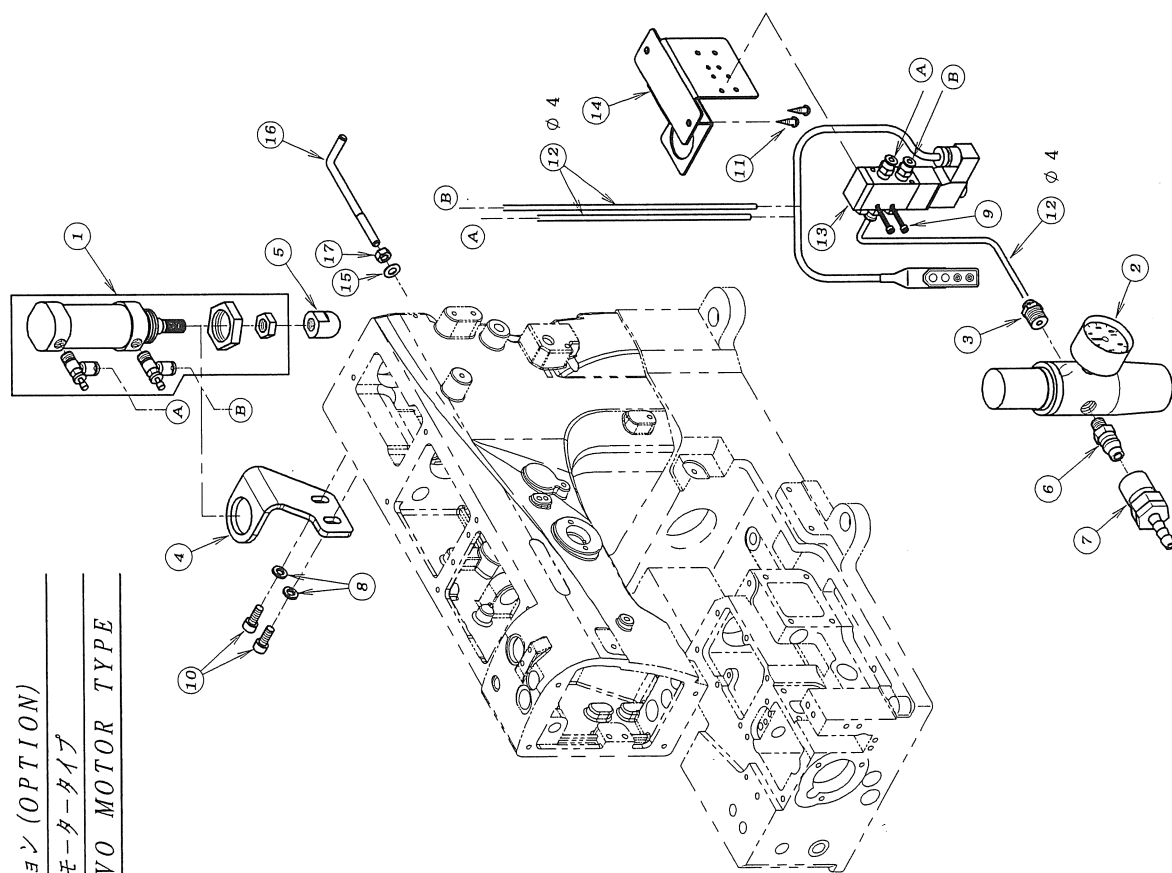
44. 押え揚げ装置 (エア-式) FL-8

FOOT LIFTER MECHANISM (PNEUMATIC TYPE) FL-8

オプション (OPTION)

サーボモータータイプ

SERVO MOTOR TYPE



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
44-01	00-6082	押え揚げシリンダー-セット	AIR CYLINDER ASS'Y	1
44-02	05-2120-A	フィルタレギュレータ	REGULATOR	1
44-03	05-217	レギュレータ-用継手	JOINT	1
44-04	77-032	押え揚げシリンダー-ブラケット	BRACKET	1
44-05	05-897	シリンダー-作動チップ	CHIP	1
44-06	06-516	カプラマス	CONNECTOR	1
44-07	06-517	カプラオス	CONNECTOR	1
44-08	75-552	ワッシャー	WASHER	2
44-09	87-438	六角穴付ボルト	SCREW	2
44-10	87-171	六角穴付ボルト	SCREW	2
44-11	87-902	木ネジ	SCREW	2
44-12	05-979	チューブφ4x700mm	TUBE (φ4x700L)	3
44-13	05-982	電磁弁セット	SOLENOID VALVE ASS'Y	1
44-14	05-644	電磁弁取付板	BRACKET	1
44-15	75-452	ワッシャー	WASHER	1
44-16	05-292	ボジショナー-バー	BAR	1
44-17	88-166	ナット	NUT	1

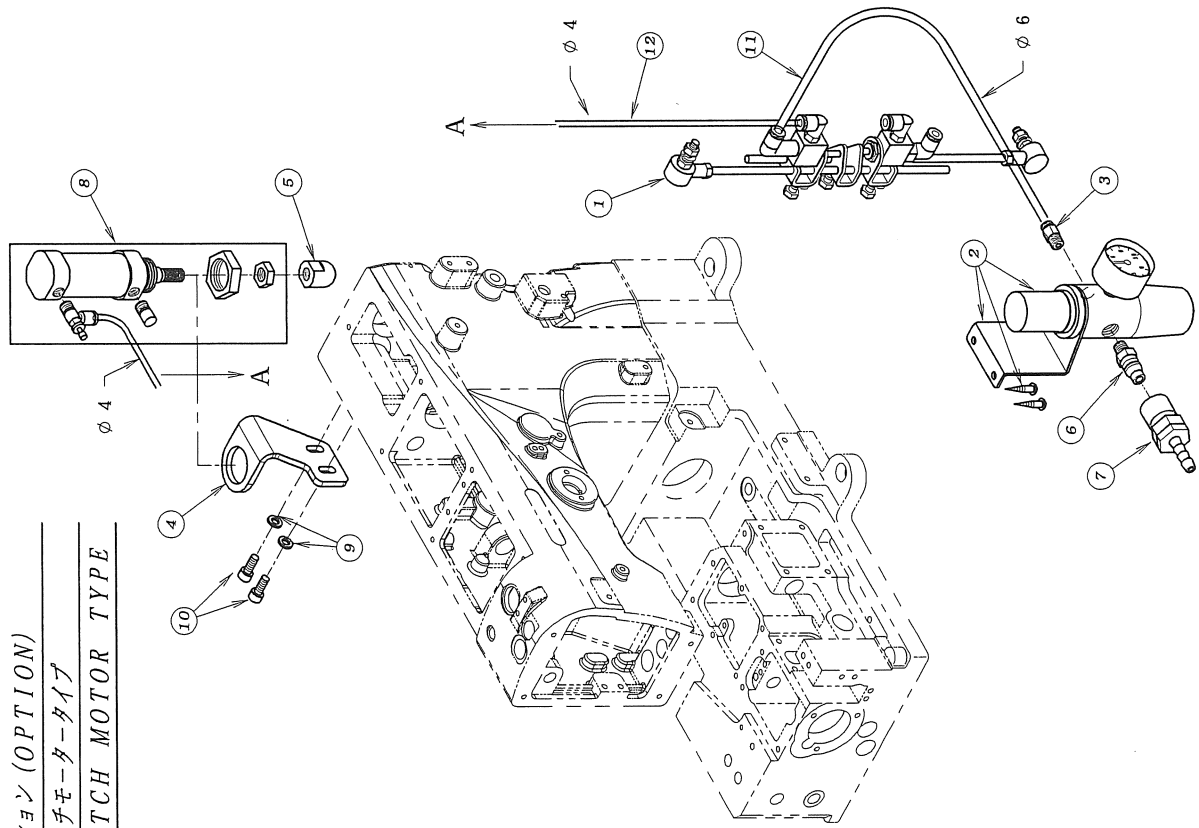
45. 押え揚げ装置 (エア-式) FL-9

FOOT LIFTER MECHANISM (PNEUMATIC TYPE) FL-9

オプション (OPTION)

クラッチモータータイプ

CLUTCH MOTOR TYPE



REF. NO.	PART NO.	品 名	DESCRIPTION	Q' TY
45-01	00-8040	吸込み押え揚げ用バルブセット	TREADLE AIR SWITCH ASS'Y	1
45-02	05-212	フィルタレギュレータ	REGULATOR	1
45-03	05-218	レギュレータ-用継手	JOINT	1
45-04	77-032	押え揚げシリンダー-ブラケット	BRACKET	1
45-05	05-897	シリンダー-作動チップ	CHIP	1
45-06	06-516	カプラメス	CONNECTOR	1
45-07	06-517	カプラオス	CONNECTOR	1
45-08	00-6130	押え揚げシリンダー-セット	AIR CYLINDER ASS'Y	1
45-09	75-552	ワッシャー	WASHER	2
45-10	87-171	六角穴付ボルト	SCREW	2
45-11	05-486	チューブφ6x1000mm	TUBE (φ6x1000mm)	1
45-12	05-932	チューブφ4x1500mm	TUBE (φ4x1500mm)	1

46. ゲージパーツ表 (1) GAUGE PARTS LIST (1)

機種 MODEL	タイプ TYPE	針数 NEEDLE	ゲージ GAUGE	針株 NEEDLE HOLDER	押え組 PRESSER FOOT ASS'Y	後送り歯 FEED DOG (REAR)	前送り歯 FEED DOG (FRONT)	針板 NEEDLE PLATE Standard	ルーパー LOOPER	上飾り ルーパー SPREADER	針受 (後) NEEDLE GUARD (REAR)	針ガイド (前) NEEDLE GUARD (FRONT)
NW	GMG		7/32	12-0260-1	17-9380-1	15-875	15-870	14-871	19-539	19-751 (None UT) 19-505 (UT)	18-811	19-116
					★17-1920-1	★15-015	★15-016	★14-192				
			1/4	12-0270-1	17-9390-1	15-875	15-870	14-880				
	GD				★17-1930-1	★15-015	★15-016	★14-193				
			7/32	12-0260-1	17-9380-1			14-871				
			1/4	12-0270-1	17-9390-1	15-875	15-870	14-880				
	GF		7/32	12-0260-1	17-1920-1			14-192				
			1/4	12-0270-1	17-1930-1	15-015	15-016	14-193				
	GCL		7/32	12-0260-1	17-9380-1	15-875	15-870	14-8780-1				
						★15-844	★15-823	★14-846				
			1/4	12-0270-1	17-9390-1	15-875	15-870	14-8790-1				
NW8842-1G	4GD	4				★15-844	★15-823	★14-847	19-599			
			6mm	12-8480-1	17-7120-1	15-889	15-888	14-707				
	GDE	3	7/32	12-0260-1	17-8850-1	15-843	15-805	14-894				
			1/4	12-0270-1	17-8950-1	15-844	15-807	14-895				
			2.4x	12-8350-1	17-7810-1	15-837	15-836	14-835				
			6.4mm					★14-794				
	NW8724GL	4										
			3.2X	12-7970-1	17-7830-1	15-798	15-797	14-797				
			3.2X 3.2									

*★同梱部品です。 ★ Enclosing accessory box
 *☆CS-1 (空環切り) 用の針板です。 ☆ NEEDLE PLATE CS-1

47. ゲージパーツ表 (2) GAUGE PARTS LIST (2)

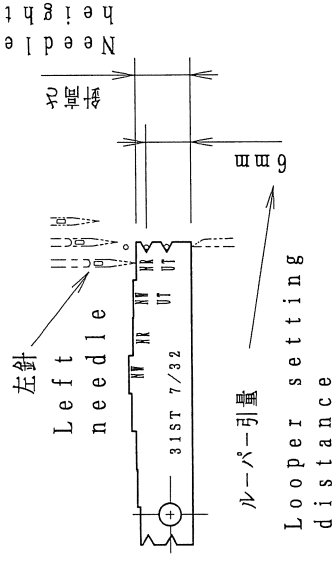
機種 MODEL	タイプ TYPE	針数 NEEDLE	ゲージ GAUGE	針株 NEEDLE HOLDER	押え組 PRESSER FOOT ASS'Y	後送り歯 FEED DOG (REAR)	前送り歯 FEED DOG (FRONT)	針板 NEEDLE PLATE Standard	ルーパー LOOPER	上飾り ルーパー SPREADER	針受 (後) NEEDLE GUARD (REAR)	針ガイド (前) NEEDLE GUARD (FRONT)
NL5801G		1		12-8770-1	17-8770-1	15-832	15-831	14-877 ★14-795	19-877		18-811	
	M	2	6.4mm	12-5630-1	17-5630-1	15-535	15-536	14-563	19-837		18-533	
	L				17-5480-1				19-838			
	LR				17-5490-1							
	MF				★17-5500-1							
		TMF	2.4mm	12-5610-1	17-5610-1	15-561	15-562	14-561	19-561 19-838		18-561	
NL5802G		3	1/64	12-5620-1	17-5620-1	15-565	15-566	14-562	19-562 19-838		18-562	
	PXP		6.4mm	12-5690-1	右巻き RIGHT ROLL	右巻き RIGHT ROLL	14-569	19-531	18-569			
					17-5690-1	15-569					19-568	
					★17-5750-1 ★17-5800-1	15-569					19-569	
	PHD		6.4mm	12-5690-1	17-5750-1	右巻き RIGHT ROLL	14-543	19-531 19-568 19-569	18-569			
		5/16	12-5430-1	17-5780-1	右巻き RIGHT ROLL	19-584 19-568 19-594						
		3/8	12-5970-1	17-5770-1	右巻き RIGHT ROLL	19-595 19-596 19-597						
	PTF	6.4mm	12-5690-1	右巻き RIGHT ROLL	右巻き RIGHT ROLL	14-569	19-531 19-568 19-569	18-569				
		5/16	12-5430-1	右巻き RIGHT ROLL	右巻き RIGHT ROLL		19-584 19-568 19-594					
				17-5430-1	15-569							
		3/8	12-5970-1	右巻き RIGHT ROLL	右巻き RIGHT ROLL		14-543 19-595 19-596 19-597		18-597			

★★同梱部品です。 ★ Enclosing accessory box
 ☆☆CS-1 (空環切り) 用の針板です。 ☆ NEEDLE PLATE CS-1

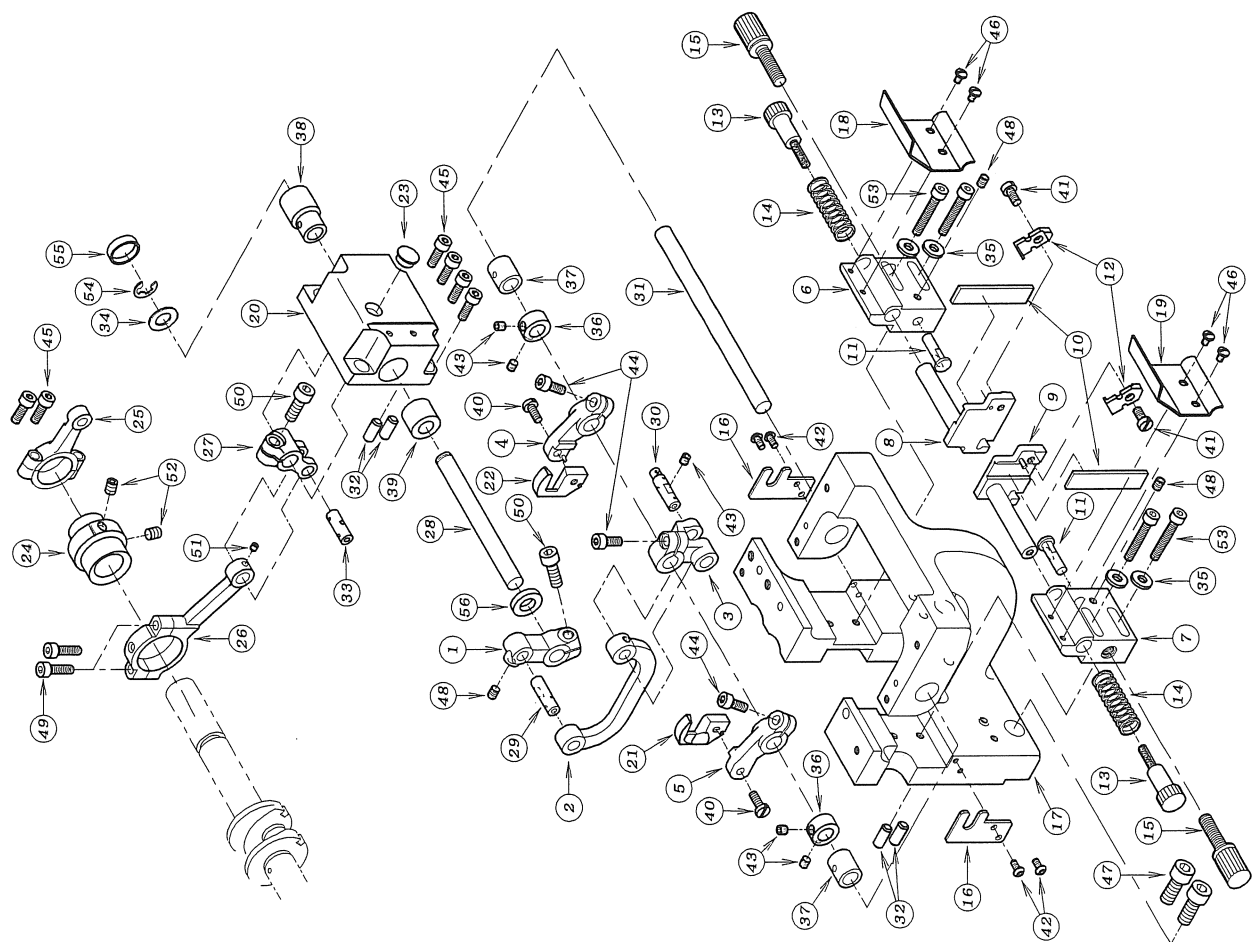
48. 特注針板パーツ表 EXTRA NEEDLE PLATE PARTS LIST

機種 MODEL	タイプ TYPE	針数 NEEDLE	ゲージ GAUGE	標準 Standard	ロングステッチ For long stitch	ショートステッチ For short stitch	かまぼこ防止用タイプ For soft stitch formation
NW	GMG GD	3	7/32	針板 NEEDLE PLATE	針板 NEEDLE PLATE	針板 NEEDLE PLATE	針板 NEEDLE PLATE
				14-871	14-871L	14-871S	14-871U
			1/4	14-880	14-880L	14-880S	14-880U

特注パーツ EXTRA PARTS

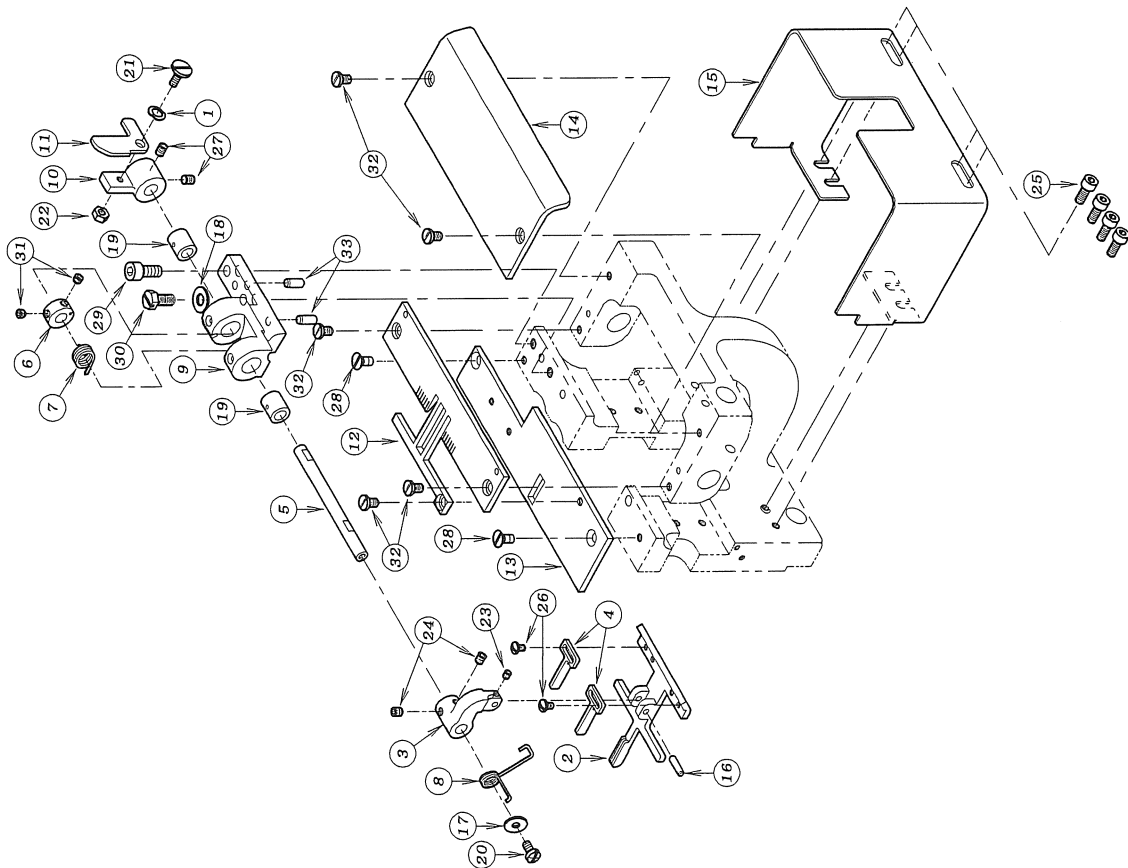
針棒ストローク STROKE	ゲージ GAUGE	針高さ、ルーパーゲージ NEEDLE & LOOPER SETTING GAUGE	
31mm	7/32 1/4	16-8221	
33mm	7/32 1/4	16-8222	

49. NW2202GC専用部品 (1) MODEL NW2202GC EXCLUSIVE PARTS (1)



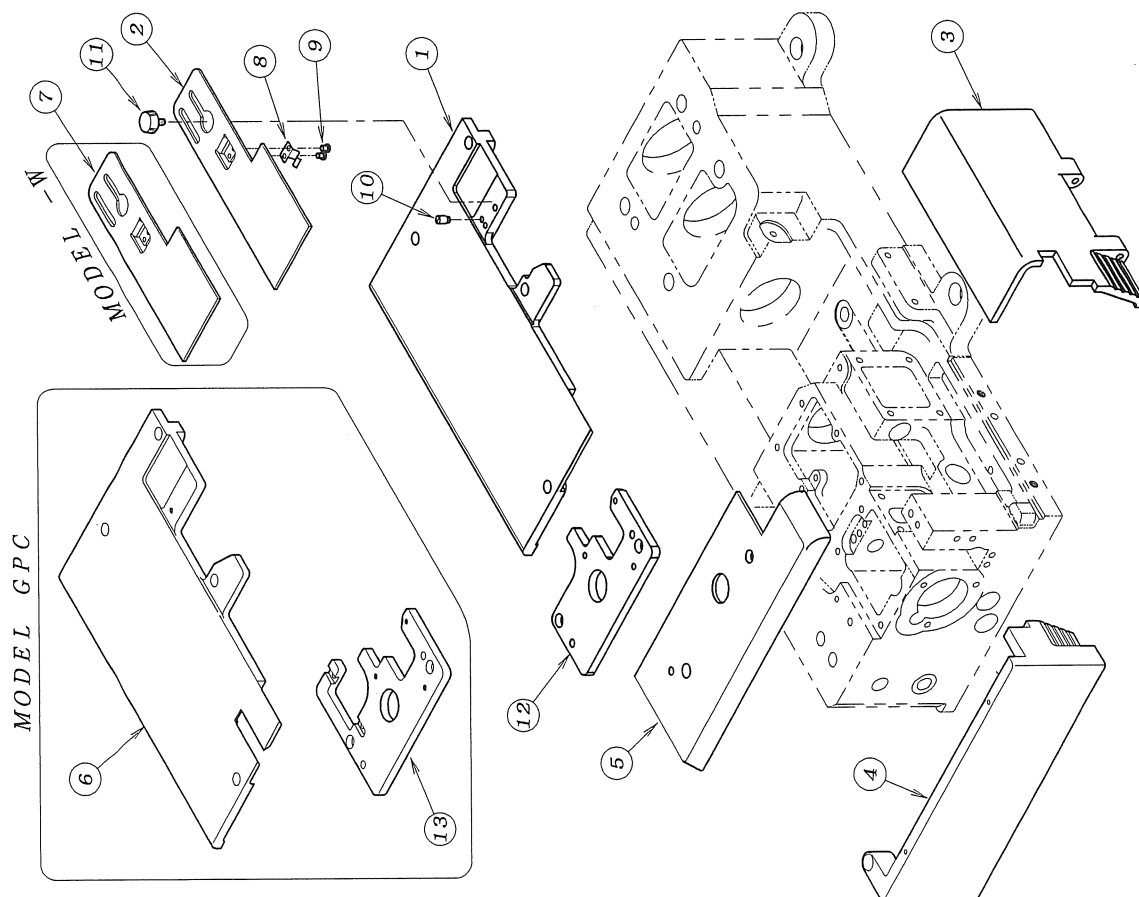
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
49-01	07-423	上メスシャフトレハ' -	LEVER	1
49-02	07-424	連結リンク	LINK BAR	1
49-03	07-425	上メス連結レハ' -	LEVER	1
49-04	07-426	ウメスフ' ラケット (右)	BRACKET	1
49-05	07-427	上メスフ' ラケット (左)	BRACKET	1
49-06	07-428	固定メスフ' ラケット土台 (右)	LOWER KNIFE MOUNT BRACKET (R)	1
49-07	07-429	固定メスフ' ラケット土台 (左)	LOWER KNIFE MOUNT BRACKET (L)	1
49-08	07-430	固定メスフ' ラケット (右)	LOWER KNIFE BRACKET (R)	1
49-09	07-431	固定メスフ' ラケット (左)	LOWER KNIFE BRACKET (L)	1
49-10	07-432	固定メス	LOWER KNIFE	2
49-11	07-433	固定メス止め	PIN	2
49-12	07-434	固定金具	LOWER KNIFE CLAMP	2
49-13	07-435	固定メスハ' ネジ	ADJUSTING SCREW	2
49-14	07-436	固定メスハ' ネ	SPRING	2
49-15	07-437	位置決めねじ	SCREW	2
49-16	07-438	固定メス位置決め金具	LOCKING PLATE	2
49-17	07-439	メス土台	BASE BRACKET	1
49-18	07-440	カバー - 右	COVER (R)	1
49-19	07-441	カバー - 左	COVER (L)	1
49-20	07-501	上メスシャフトフ' ラケット	BRACKET	1
49-21	07-702	上メス (左)	UPPER KNIFE (L)	1
49-22	07-703	上メス (右)	UPPER KNIFE (R)	1
49-23	23-533	コ' ム栓	PLUG	1
49-24	61-525	上メスエキセン	UPPER KNIFE ECCENTRIC	1
49-25	63-508	針受ロット	CONNECTING ROD	1
49-26	63-832	上メスロット	CONNECTING ROD	1
49-27	67-517	上メスシャフトレハ' - (右)	LEVER (RIGHT)	1
49-28	71-096	上メスシャフト	SHAFT	1
49-29	71-097	リンクピン	LINK PIN	1
49-30	71-098	リンクピン	LINK PIN	1
49-31	71-099	上メス駆動シャフト	SHAFT	1
49-32	71-208	ノックピ' ン	PIN	4
49-33	71-596	上メスロット' ピ' ン	CONNECTING ROD PIN	1
49-34	75-519	ワッシャ	WASHER	1
49-35	75-522	ワッシャ	WASHER	4
49-36	75-561	カラー	COLLAR	2
49-37	81-022	上メス駆動シャフトフ' ツシュ	BUSHING	2
49-38	81-543	ブッシュ	BUSHING	1
49-39	81-544	ブッシュ	BUSHING	1
49-40	84-363	ネジ'	SCREW	2
49-41	87-096	ネジ'	SCREW	2
49-42	87-099	ネジ'	SCREW	4
49-43	87-106	ネジ'	SCREW	5
49-44	87-113	六角穴付きボルト	BOLT	3
49-45	87-129	六角穴付きボルト	BOLT	6
49-46	87-166	ネジ'	SCREW	4
49-47	87-171	六角穴付きボルト	BOLT	2
49-48	87-181	ネジ'	SCREW	3
49-49	87-214	六角穴付きボルト	BOLT	2
49-50	87-224	六角穴付きボルト	BOLT	2
49-51	87-234	ネジ'	SCREW	1
49-52	87-254	ネジ'	SCREW	2
49-53	87-285	六角穴付きボルト	BOLT	4
49-54	93-213	E型止め輪	E-RING	1
49-55	94-507	メクラフ' タ	PLUG	1
49-56	94-805	オイルシール	OIL SEAL	1

50. NW2202GC専用部品 (2) MODEL NW2202GC EXCLUSIVE PARTS (2)



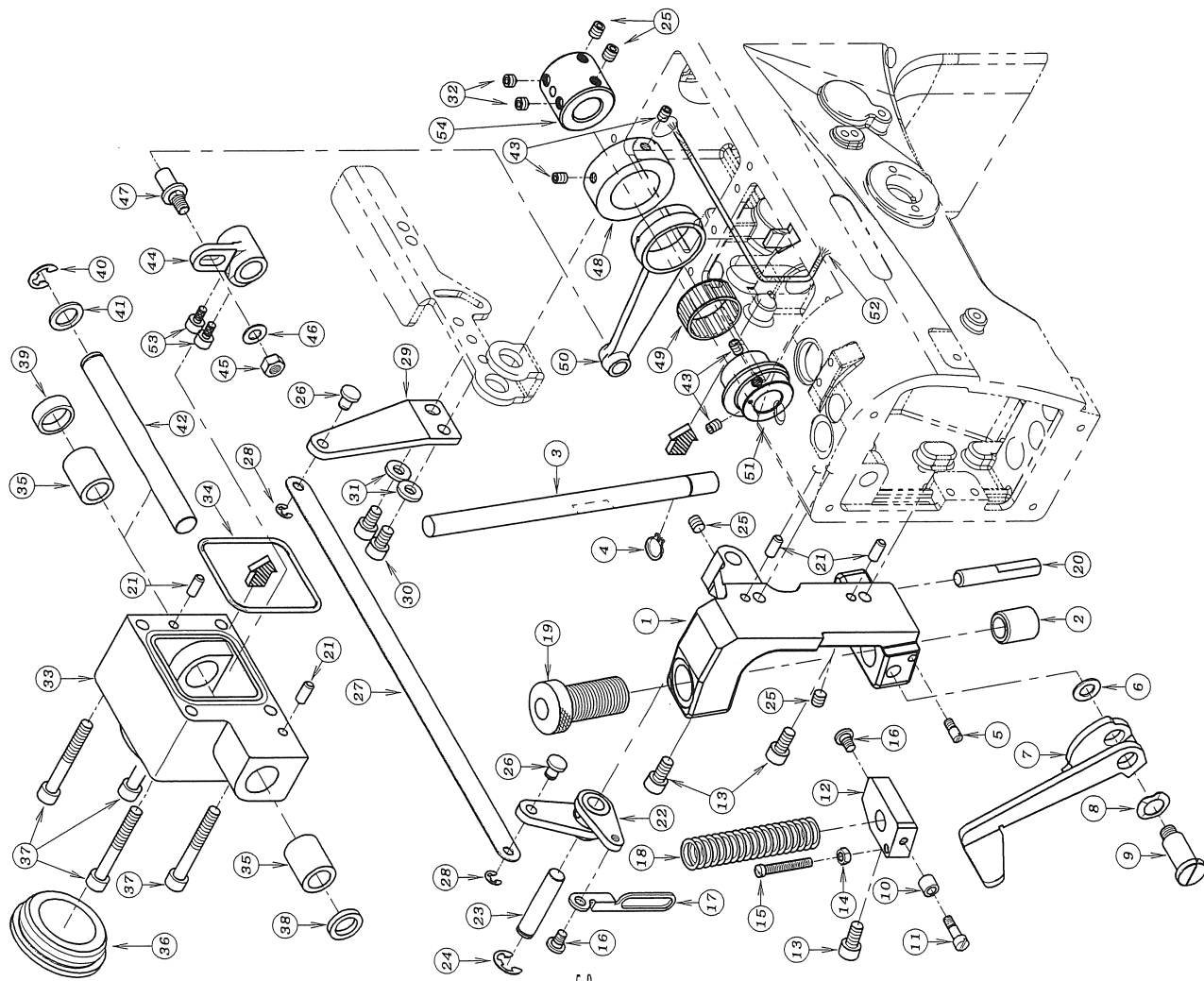
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
50-01	02-118	波ワッシャ	WASHER	1
50-02	07-412	補助押え足	BOTTOM	1
50-03	07-413	補助押え連結	BRACKET	1
50-04	07-414	補助押え生地押え	GUIDE	2
50-05	07-415	補助押えシャフト	SHAFT	1
50-06	07-416	補助押えハ'ネカラー	COLLAR	1
50-07	07-417	補助押え主ハ'ネ	SPRING	1
50-08	07-418	補助ハ'ネ	SPRING	1
50-09	07-419	ブラケット	BRACKET	1
50-10	07-420	レハ'ネ	LEVER	1
50-11	07-421	回転レハ'ネ	LEVER	1
50-12	07-422	補助針板	PLATE	1
50-13	07-442	補助板	PLATE	1
50-14	07-443	上メス軸カハ'ネ	COVER	1
50-15	07-444	メス土台カハ'ネ	COVER	1
50-16	71-095	補助押え連結ピン	PIN	1
50-17	75-385	ワッシャ	WASHER	1
50-18	75-453	ワッシャ	WASHER	1
50-19	81-021	フ'ッジュ	BUSHING	2
50-20	84-374	ネジ	SCREW	1
50-21	84-396	段ネジ	SCREW	1
50-22	86-211	ナット	NUT	1
50-23	87-104	ネジ	SCREW	1
50-24	87-106	ネジ	SCREW	2
50-25	87-113	六角穴付きボルト	BOLT	4
50-26	87-166	ネジ	SCREW	2
50-27	87-181	ネジ	SCREW	2
50-28	87-249	ネジ	SCREW	2
50-29	87-252	六角穴付きボルト	BOLT	1
50-30	87-321	六角ボ'ルト	BOLT	1
50-31	87-322	ネジ	SCREW	2
50-32	87-415	ネジ	SCREW	5

51. NW2202GC用カバー MODEL NW2202GC COVER ASSEMBLY



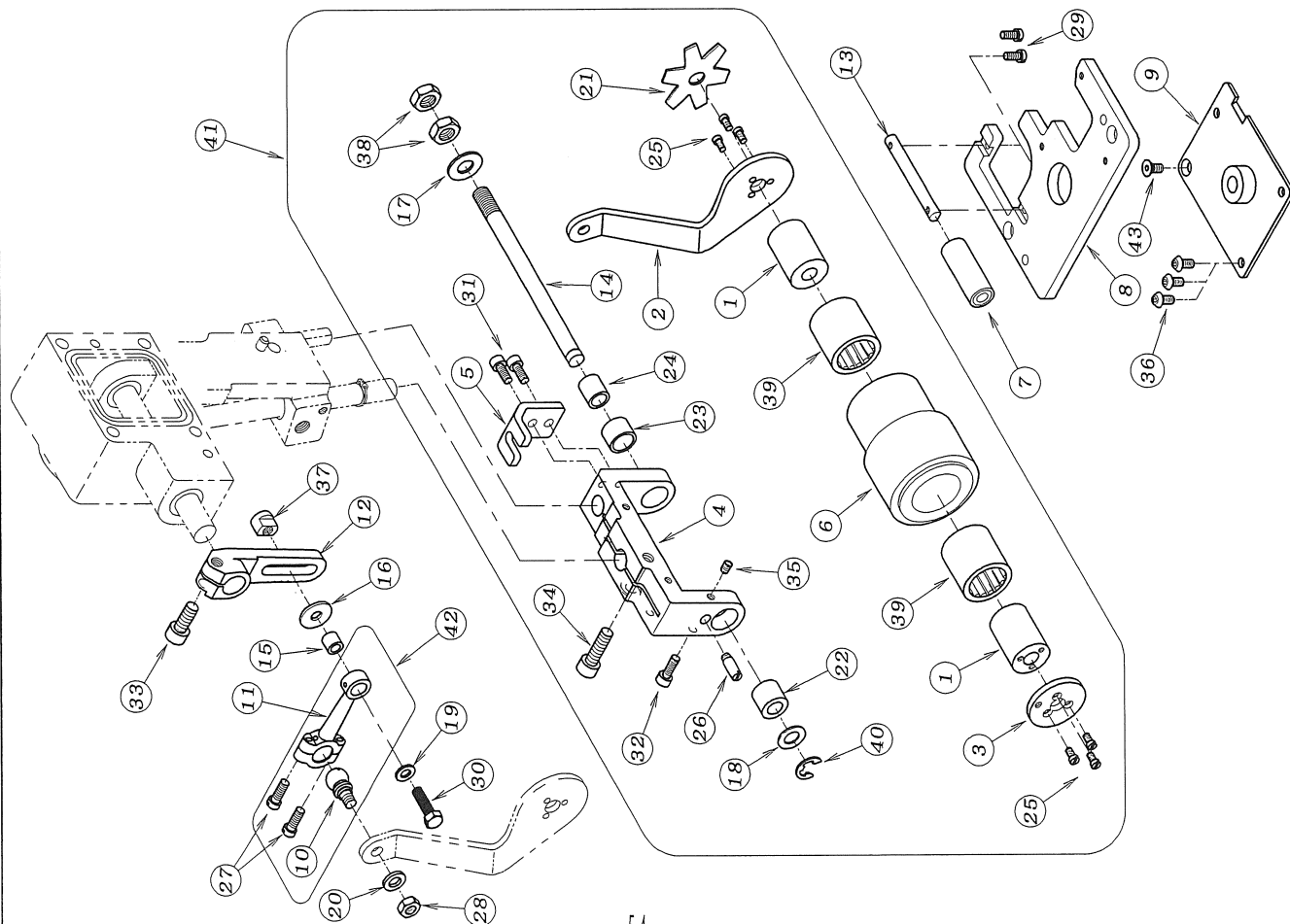
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
51-01	21-660	上ベ-スカハ-	UPPER COVER	1
51-02	27-103	前ベ-スカハ-	FRONT COVER	1
51-03	27-104	前カハ-	FRONT COVER	1
51-04	27-105	ヨコカハ-	SIDE COVER	1
51-05	27-355	サイド上ベ-スカハ-	SIDE COVER	1
51-06	27-108	上ベ-スカハ-	CLOTH COVER	1
51-07	27-109	前ベ-スカハ- (幅広用)	FRONT COVER	1
51-08	79-801	バネ	SPRING	1
51-09	84-167	ネジ	SCREW	2
51-10	87-423	図ネジ	SCREW	1
51-11	87-292	調節ネジ	SCREW	1
51-12	14-147	針板土台	NEEDLE PLATE SUPPORT BRACKET	1
51-13	14-172	針板土台	NEEDLE PLATE SUPPORT BRACKET	1

52. NW2202GPC後プーラー機構 (1) REAR PULLER MECHANISM (1)



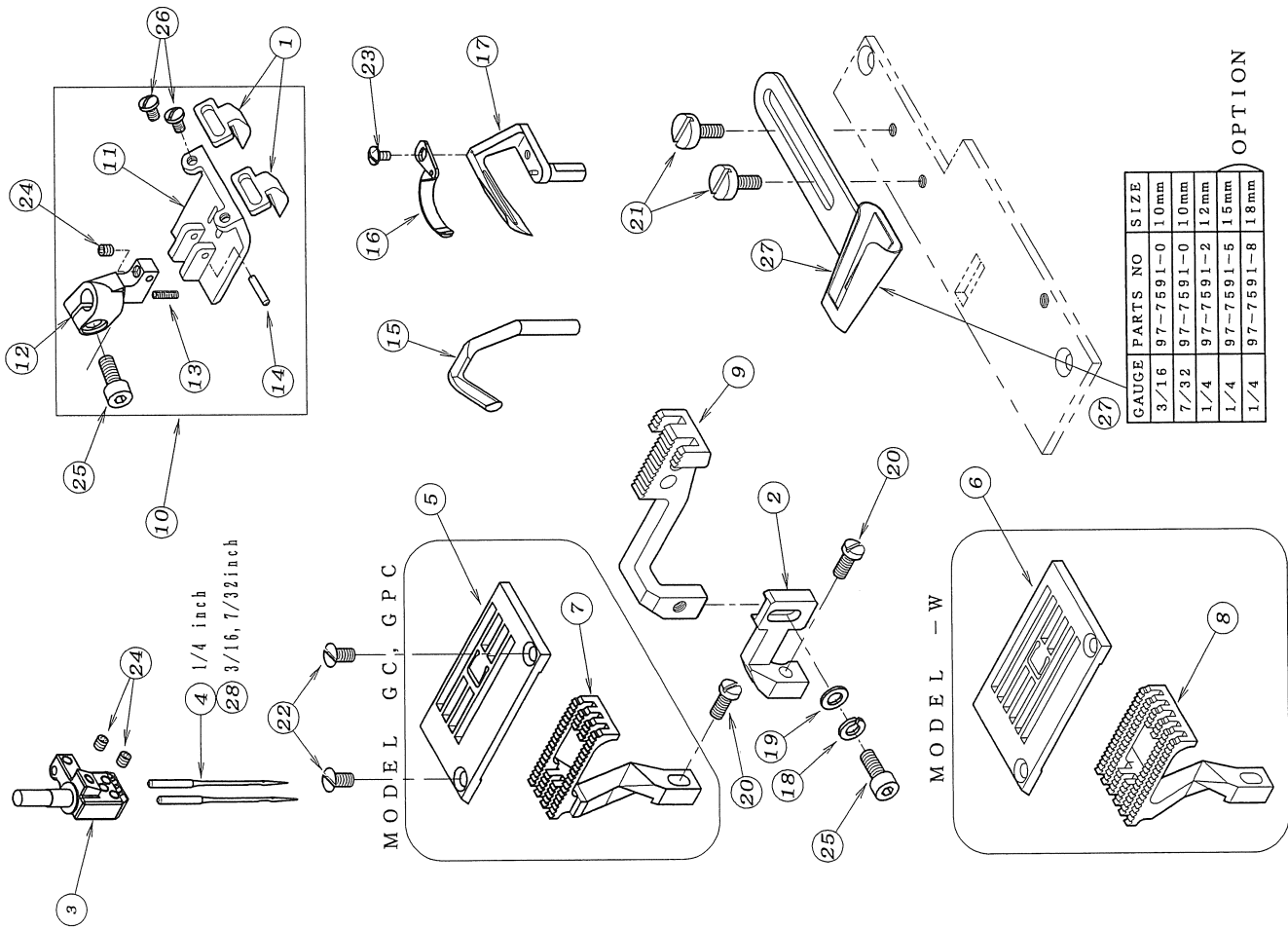
REF. NO.	PART NO.	品 名	DESCRIPTION	QTY
52-01	02-225W	後プーラープ ラケット	REAR PULLER BRACKET	1
52-02	81-133	ブ ヅシユ	BUSHING	1
52-03	71-464	後プーラーギヤフト	SHAFT	1
52-04	93-261	Eリング	E-RING	1
52-05	84-562	ワッシャ	WASHER	1
52-06	75-519	ワッシャ	WASHER	1
52-07	02-216	手摺用金具	PULLER LIFTING LEVER	1
52-08	02-112	波ワッシャ	CORRUGATED WASHER	1
52-09	85-671	ネジ	SCREW	1
52-10	75-211	カラー	COLLAR	1
52-11	84-582	ネジ	SCREW	1
52-12	02-217	後プーラーギヤフト抱き	BRACKET	1
52-13	87-225	ネジ	SCREW	3
52-14	86-311	ナット	NUT	1
52-15	84-569	ネジ	SCREW	1
52-16	84-581	ネジ	SCREW	2
52-17	02-218	後プーラー抱き連結プレート	CONNECTING PLATE	1
52-18	79-640	バネ	SPRING	1
52-19	87-754	ワッシャ	WASHER	1
52-20	71-729	プーラー回り止めピン	GUIDE PIN	1
52-21	71-208	ノックピン	PIN	4
52-22	02-219	後プーラー振動バネ	LEVER	1
52-23	71-726	シャフト	SHAFT	1
52-24	93-222	Eリング	E-RING	1
52-25	87-172	ネジ	SCREW	4
52-26	77-419	押動連結ピン	PIN	2
52-27	77-037	押動連結板	PLATE	1
52-28	93-205	Eリング	E-RING	2
52-29	77-421	押動バネ	LEVER	1
52-30	87-203	ネジ	SCREW	2
52-31	75-458	ワッシャ	WASHER	2
52-32	87-259	ネジ	SCREW	2
52-33	02-220W	ヒップーラー軸ケース	BRACKET	1
52-34	23-542	Oリング	O-RING	1
52-35	81-559	ヒップーラー軸ブ ヅシユ	BUSHING	2
52-36	23-541	ゴム垫	PLUG	1
52-37	87-186	ネジ	SCREW	4
52-38	94-502	オイルシール	OIL SEAL	1
52-39	94-506	シールキャップ	PLUG	1
52-40	93-223	Eリング	E-RING	1
52-41	75-187	ワッシャ	WASHER	1
52-42	71-727	ヒップーラー駆動軸	SHAFT	1
52-43	87-254	ネジ	SCREW	4
52-44	67-528	ヒップーラー振動バネ	LEVER	1
52-45	88-166	ナット	NUT	1
52-46	75-452	ワッシャ	WASHER	1
52-47	04-502	調節バネピン	PIN	1
52-48	75-272	スラストカラー	COLLAR	1
52-49	91-413	ニードルベアリング	NEEDLE BEARING	1
52-50	63-535	プーラークランクロッド	CRANK ROD	1
52-51	61-551	プーラーエキセン	ECCENTRIC	1
52-52	23-556	フェルト	FELT	1
52-53	87-024	六角穴付ボルト	BOLT	2
52-54	75-273	上軸ジョイント (P用)	JOINT COLLAR (for P model)	1

53. NW2202GPC後プーラー機構 (2) REAR PULLER MECHANISM (2)



REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
53-01	01-115	スリープ・	SLEEVE	2
53-02	02-017	後プーラー連結板	CONNECTING PLATE	1
53-03	02-117	後プーラー板・イプ°フタ	PLATE	1
53-04	02-158	上プーラー台	REAR PULLER HOLDER	1
53-05	02-250	回り止めプ°ラケット	BRACKET	1
53-06	02-497	スムース	SMOOTH PULLER	1
53-07	02-499	下プ°ラー	LOWER PULLER	1
53-08	14-172	針板土台	NEEDLE PLATE SUPPORT BRACKET	1
53-09	27-367	上油カハ° (左)	CRANK CHAMBER COVER	1
53-10	61-810	プ°ラー連結ロッド'玉	CONNECTING ROD BALL	1
53-11	63-809	プ°ラー連結ロッド	BALL JOINT	1
53-12	67-529	上プ°ラー駆動レバー	LEVER	1
53-13	71-437	下プ°ラーシャフト	PULLER SHAFT	1
53-14	71-444	後プ°ラー台シャフト (中)	SHAFT	1
53-15	75-247	連結メカ°ネローラー	ROLLER	1
53-16	75-407	ワッシャ	WASHER	1
53-17	75-451	ワッシャ	WASHER	1
53-18	75-519	ワッシャ	WASHER	1
53-19	75-520	ワッシャ	WASHER	1
53-20	75-552	ワッシャ	WASHER	1
53-21	79-551	プ°ラー板ハ°ネ	PULLER PLATE SPRING	1
53-22	81-321	ブッシュ	BUSHING	1
53-23	81-322	ブッシュ	BUSHING	1
53-24	81-323	ブッシュ	BUSHING	1
53-25	84-162	ネジ°	SCREW	6
53-26	84-573	段ネジ°	SCREW	1
53-27	84-635	ネジ°	SCREW	2
53-28	86-411	ナット	NUT	1
53-29	87-010	ネジ°	SCREW	2
53-30	87-015	ネジ°	SCREW	1
53-31	87-113	六角穴付きボルト	BOLT	2
53-32	87-129	六角穴付きボルト	BOLT	1
53-33	87-171	六角穴付きボルト	BOLT	1
53-34	87-173	六角穴付きボルト	BOLT	1
53-35	87-181	ネジ°	SCREW	1
53-36	87-272	ネジ°	SCREW	3
53-37	88-005	ナット	NUT	1
53-38	88-179	ナット	NUT	2
53-39	91-407	リンウェイクラッチ	BEARING	2
53-40	93-221	ストップ°リンク°	E-RING	1
53-41	100-5285	ストップ°リンク°	SMOOTH PULLER ASS'Y	1
53-42	160-8090	ストップ°リンク°	CONNECTING ROD ASS'Y	1
53-43	187-269	ネジ°	SCREW	1

54. ゲージ関係 GAUGE PARTS

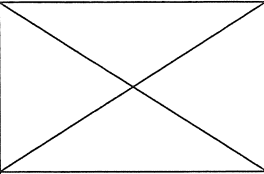


REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
54-01	07-410	生地カ'イト'	BELT LOOP GUIDE	2
54-02	07-411	補助送り連結	BRACKET	1
54-03	*	針株	NEEDLE HOLDER	1
54-04	13-0160-6	針 (UYX128GAS #16)	NEEDLE	2
54-05	*	針板	NEEDLE PLATE	1
54-06	14-567	針板 (1/4) 2本針幅広	NEEDLE PLATE	1
54-07	*	送歯	FEED DOG	1
54-08	15-878	主送歯 (幅広)	FEED DOG	1
54-09	15-879	補助送歯	FEED DOG	1
54-10	*	押えセット	PRESSER FOOT ASS'Y	1
54-11	*	押え足	BOTTOM	1
54-12	17-8190-A	押え足ボ'ス	SHANK	1
54-13	17-8190-F	バ'ネ	SPRING	1
54-14	17-8190-G	ピン	PIN	1
54-15	18-811	針受	NEEDLE GUARD	1
54-16	19-116	補助ル'ハ'ー	NEEDLE GUIDE	1
54-17	19-539	ル'パ'ー	LOOPER	1
54-18	75-410	スプ'リング'ワッシャ	SPRING WASHER	1
54-19	75-468	ワッシャ	WASHER	1
54-20	84-359	ネジ'	SCREW	2
54-21	84-368	ネジ'	SCREW	2
54-22	84-464	ネジ'	SCREW	2
54-23	85-613	ネジ'	SCREW	1
54-24	87-104	ネジ'	SCREW	3
54-25	87-113	六角穴付きボルト	BOLT	2
54-26	87-166	ネジ'	SCREW	2
54-27	*	BKフォルダ'ー	FOLDER	1
54-28	13-0140-6	針 (UYX128GAS #14)	NEEDLE	2

*各ゲージ部品の品番は、56ページのゲージパーツ表を参照して下さい。

* Please refer to Page56 GAUGE PARTS LIST

55. ゲージパーツ表 GAUGE PARTS LIST

機種 MODEL	タイプ TYPE	針数 NEEDLE	ゲージ GAUGE	針株 NEEDLE HOLDER	押し組 PRESSER FOOT ASS'Y	送り歯 FEED DOG	針板 NEEDLE PLATE Standard	ルーパー LOOPER	上飾り ルーパー SPREADER	針受 (後) NEEDLE GUARD (REAR)	針ガイド (前) NEEDLE GUARD (FRONT)
NW2202	G C	2	3/16	12-0300-1	17-5640-1	15-876	14-886	19-539		18-811	19-116
			7/32	12-0260-1	17-5650-1		14-887				
			1/4	12-0270-1	17-5670-1	15-877	14-566				
	-W	2	1/4	12-0270-1	17-5670-1	15-878	14-567				

INDEX 1

[illegible]

INDEX 2

[illegible]

INDEX 3

REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番
18-3285-182	02-5387-092	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番	REF. PART NO. NO. 品 番
30-2785-603	06-2787-092	50-2587-113	29-2887-177	19-1287-252	18-3787-292	25-4887-482	02-7091-885		
39-3485-603	09-3787-092	53-3187-113	32-3587-177	21-1887-252	35-2787-292	32-3987-482	11-4291-888		
39-3585-611	16-3487-092	54-2587-113	35-2387-177	22-1987-252	51-1187-292	01-2987-483	11-4391-894		
42-3585-611	19-1387-092	07-4087-123	40-5087-177	24-3287-252	20-4687-305	02-5587-483	06-3591-994		
43-4285-611	26-1487-092	10-2887-123	07-4287-181	25-5087-252	20-4787-306	14-3787-483	11-4491-994		
24-2785-613	42-3687-092	24-2987-123	13-2387-181	50-2987-252	20-4887-307	31-3087-483	40-5193-195		
25-4185-613	03-2287-093	28-4687-123	16-3887-181	11-3387-253	19-0487-309	32-3287-483	10-3693-201		
34-2585-613	12-3987-095	41-1287-123	37-3087-181	14-4287-253	10-3387-310	02-7587-484	21-3593-201		
38-3385-613	20-5187-095	25-4787-124	41-1887-181	07-4787-254	28-4987-310	15-2587-484	22-2793-201		
39-3685-616	31-2887-095	49-4887-181	49-4887-181	11-3487-254	13-1987-313	02-7687-485	23-3093-201		
17-3585-621	03-2387-096	50-2787-181	50-2787-181	16-3987-254	50-3087-321	01-3387-489	13-0893-202		
38-3485-621	43-4787-096	53-3587-181	31-3287-186	32-3787-254	08-3187-322	11-4087-520	02-7193-205		
36-0985-671	49-4187-096	09-3987-129	52-3787-189	36-4387-254	50-3187-322	15-3187-663	14-4793-205		
52-0985-671	11-2987-097	13-3687-129	31-3287-203	49-5287-254	10-3487-322	36-1987-754	23-3193-205		
50-2285-211	17-3687-098	19-0187-129	19-2987-203	52-4387-254	41-1587-337	33-0887-900	52-2893-205		
25-4286-311	18-3387-098	37-2987-129	52-3087-203	06-3187-259	09-4487-355	44-1187-902	07-5093-213		
36-1486-311	03-2487-099	49-4587-129	14-4087-213	36-3987-259	11-3987-369	29-2987-905	49-5493-213		
52-1486-311	24-2887-099	53-3287-129	21-1787-213	52-3287-259	03-2787-372	33-1587-905	37-3593-221		
14-3486-411	25-4487-099	17-3887-130	02-5887-214	01-3587-264	06-3387-384	37-3288-005	07-5193-222		
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37-2686-411	03-2587-104	24-3087-140	07-4487-214	02-6087-268	17-4087-397	53-3788-005	09-4593-222		
53-2886-411	12-3287-104	41-1487-140	13-0287-214	10-3287-268	38-4187-397	41-1688-018	21-2293-222		
14-3587-001	13-3387-104	16-3687-142	18-3587-214	02-6187-269	02-5787-400	16-4088-136	36-2493-222		
53-2987-010	17-3787-104	26-1787-142	35-2487-214	03-2687-269	14-4487-404	17-4188-136	52-2493-222		
41-1187-010	30-1087-104	40-4987-166	49-4987-214	08-2987-269	20-5087-414	38-2788-136	36-4093-223		
37-2787-015	38-3887-104	49-4687-166	07-4587-224	20-3287-269	50-3287-415	39-4388-136	36-0493-261		
53-3087-015	39-4187-104	50-2687-166	12-3687-224	53-4387-269	02-6887-423	43-5188-136	52-0493-261		
07-4387-024	40-4787-104	54-2687-166	14-4187-224	06-3287-270	14-4587-423	16-4188-137	52-0493-701		
36-5387-024	42-3787-104	01-3187-171	23-2787-224	08-3987-272	18-3887-423	02-6988-146	02-7293-701		
52-5387-024	43-4887-104	13-1387-171	31-3387-224	08-3987-272	23-2987-423	19-3188-146	26-2193-717		
38-3587-034	50-2387-104	14-3987-171	32-3687-224	12-1687-272	35-2887-423	25-5188-146	05-1894-102		
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07-3887-040	49-4387-106	37-3787-171	34-2787-225	09-4387-274	11-3087-462	01-3788-166	36-3894-502		
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08-2487-058	20-4487-107	49-4787-171	01-3487-228	22-2087-274	14-3887-476	32-1588-166	01-3894-504		
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32-2987-070	02-5487-112	08-2587-172	09-4187-233	02-6487-278	32-3387-477	52-4588-166	02-7394-506		
38-3787-071	11-3087-112	10-2987-172	14-5487-233	11-3787-278	02-7487-481	29-2388-176	52-3994-506		
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43-4487-071	14-3687-112	13-1987-172	09-4287-237	21-1987-282	12-3187-481	37-3388-179	05-2294-511		
16-3387-072	25-4587-112	36-2587-172	02-5987-239	22-2187-282	21-2087-481	53-3888-179	05-2394-804		
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43-4687-083	40-4887-113	18-3487-177	24-3187-245	31-3587-291	22-1887-482	13-1591-416			
09-3687-090	43-5087-113	23-2687-177	25-4987-245	32-3887-291	24-3587-482	06-3491-883			
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NW *Series Instruction Manual*

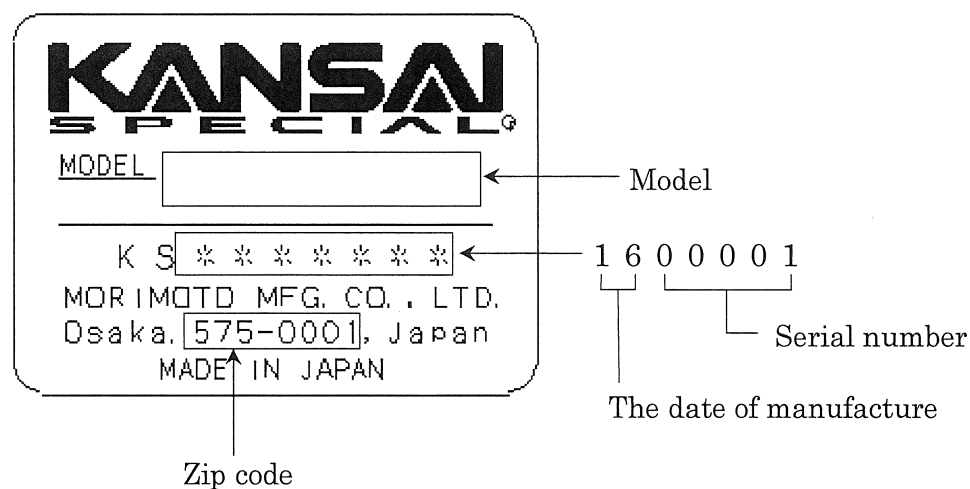
INTRODUCTION

Thank you for your purchasing Kansai Special's NW,NL Series.

Read and study this instruction manual carefully before beginning any of the procedures and save it for later use.

1. This instruction manual describes adjustments and maintenance procedures on this machine.
2. Before starting the machine check to make sure the pulley cover, safety cover, etc. are secured.
3. Before adjusting, cleaning, threading the machine or replacing the needle, be sure to turn off the power.
4. Never start the machine with no oil in the reservoir.
5. Refer to the parts list as well as this instruction manual before maintenance. If the machine includes a thread trimmer, read and study the instruction manual for the thread trimmer carefully.
6. The contents described in this instruction manual are subject to change without notice.

Indication of serial number



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[1] NEEDLES & THREADING

1-1 Needles

UY128GAS of Schmetz , Organ or Groz-Beckert.

Select the proper needle for the fabric and thread.

<Needle size>

Organ	# 09	# 10	# 11	# 12	# 14	# 16	# 18
Schmetz	Nm65	Nm70	Nm75	Nm80	Nm90	Nm100	Nm110
Groz							

<NW804G>

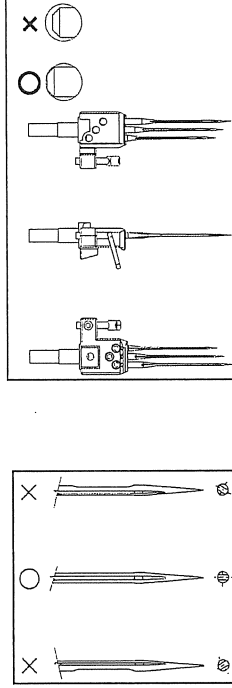
Organ	SM×1014H	#9	#10	#11	#12
Schmetz	MY×1014H	Nm65	Nm70	Nm75	Nm80

<NL5803G>

Organ	TV×5	#14	#15	#16	#18	#19	#20	#21
Schmetz	TV×5	Nm90	Nm95	Nm100	Nm110	Nm120	Nm125	Nm130

1-2 Replacing the needle

To replace the needle, check the needle carefully to see that the scarf is turned to the rear of the machine (see the illustration). Then install the needle correctly.

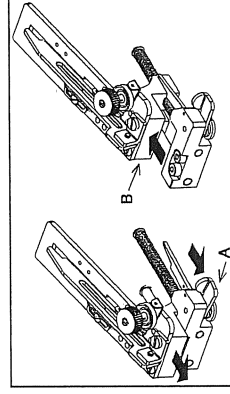


< Note >

Before replacing the needle, be sure to turn off the machine. A clutch motor continues running for a while after the machine is turned off. Therefore keep on pressing the pedal until the machine stops.

1-3 Threading to the looper thread support plate

Pull lever A and support plate B comes out. After threading, press support plate B into place.

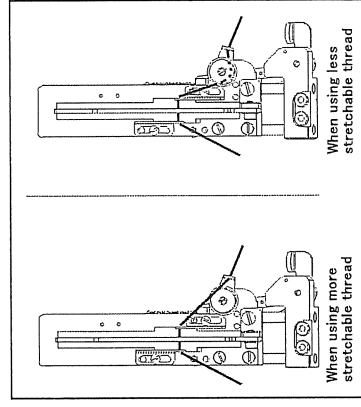
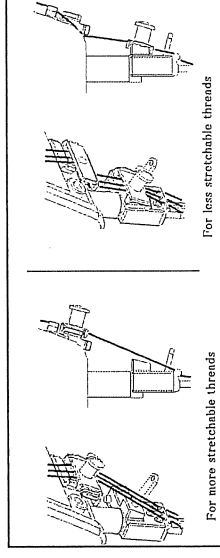
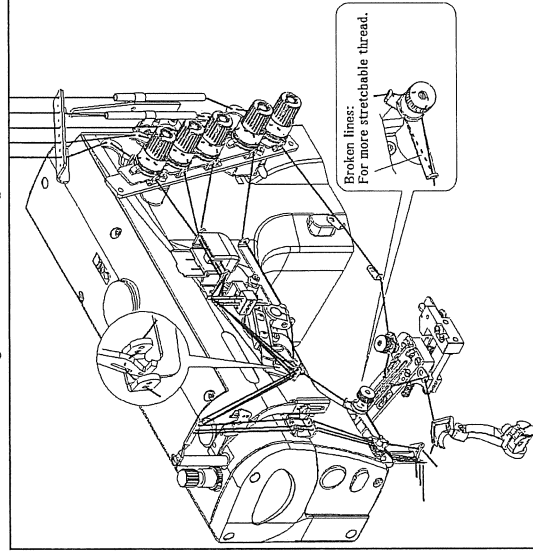


< Note >

Be sure to return the support plate B correctly when the machine is starting.

1-4 Threading

Thread the machine correctly by referring to the illustration below. Threading the machine incorrectly may cause skip stitching, thread breakage and/or uneven stitch formation. Thread tension should be changed according to various kinds of conditions such as the thread to be used and/or the feeding amount (see Chapter 10 for "Stitch formation").

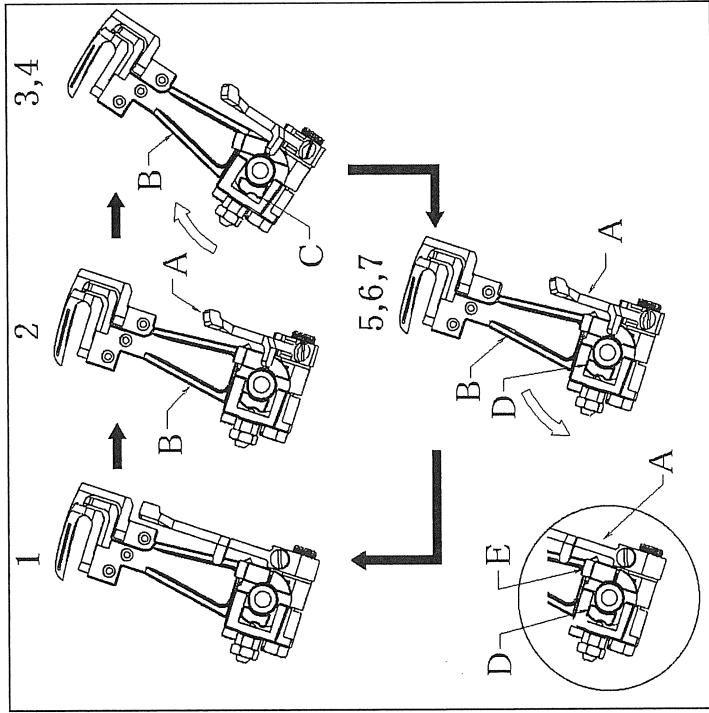


1-5 To tilt the looper holder (NW8842-1G/NL5803G)

When the threading of model NW8842-1G and NL5803G, please tilt the looper holder in the right direction.

1. Bring needle bar to the bottom of its stroke.
2. Pull Lever A. Lock of the looper holder is released.
3. The looper holder is tilted toward the right. (up to the stopper C position)
4. It is possible to thread the machine easier.
5. Push the looper holder to the left. (up to Stopper D position)
6. Push lever A to the end of stopper position. The looper holder is fixed.
7. Check the looper is fixed by Stopper D securely before starting sewing operation.
8. Start sewing.

<Note >
Please do not loose screw E.



[2] MACHINE SPEED

2-1 Machine speed & operating direction

Refer to the table below for maximum and standard speeds of the Series. To extend machine life, run the machine approximately 15~20% below the maximum speed for the first 200 hours of operation (approx. 1 month). Then run the machine at the standard speed. The machine pulley turns clockwise as the handwheel does as seen from the machine pulley

2-2 Motor & belt

Motor : 3-phase, 2-pole, 400W clutch motor
Belt : M type V belt

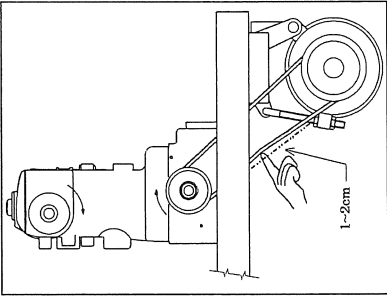
Select the proper motor pulley according to the machine speed (refer to the motor pulley outer diameter on the table below). Adjust where to position the motor by pressing the finger onto the middle of the belt so that 1~2cm deflection can be achieved (see the illustration on the right)

<Machine speed >

TYPE	MAXIMUM SPEED	STANDARD SPEED
NW8803G	6,000rpm	5,500rpm
NL5801G		
NL5802G		
NW8842-1G	5,000rpm	4,500rpm
NL5803G	4,500rpm	4,000rpm
NW2202G	4,000rpm	3,500rpm

< Motor pulley selection table >

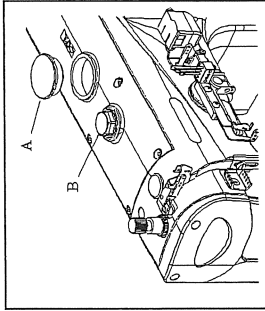
Motor pulley outer diameter (mm)	Machine speed (rpm)	
	50Hz	60Hz
80	3,500	4,200
90	4,000	4,800
100	4,400	5,300
110	4,900	5,800
120	5,300	6,300
130	5,700	
140	6,200	



【4】SEWING MACHINE INSTALLATION

3-1 Oil

Use Kansai Special's genuine oil.
(Part No. 28-613 : 1,000cc)



3-2 Oiling

- To fill the machine with oil
Remove rubber plug A from the oil hole.

Fill the machine with oil until the oil level is at the top line (see H in the illustration) on oil gauge C. After the first lubrication, add oil so that the oil level will be between H and L.

- To check for proper oil flow

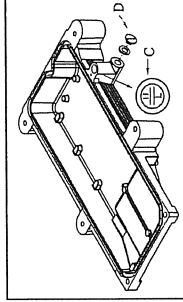
To check for proper oil flow after filling the machine with oil, run the machine to check the oil is splashing to oil flow sight window B.

3-3 Replacing the oil and the oil element

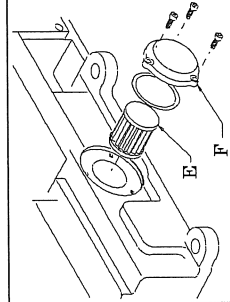
To extend machine life, be sure to replace the oil after the first 250 hours of operation.

To replace the oil, follow the procedures below.

1. Remove the V belt from the motor pulley and then remove the machine from the table.
2. Remove screw D and then drain the oil.
Be careful not to stain V belt with the oil.
3. After draining the oil, be sure to tighten screw D.
4. Fill the machine with oil by referring to 3-2 shown in the oil tank and procedure shown in the oil tank.

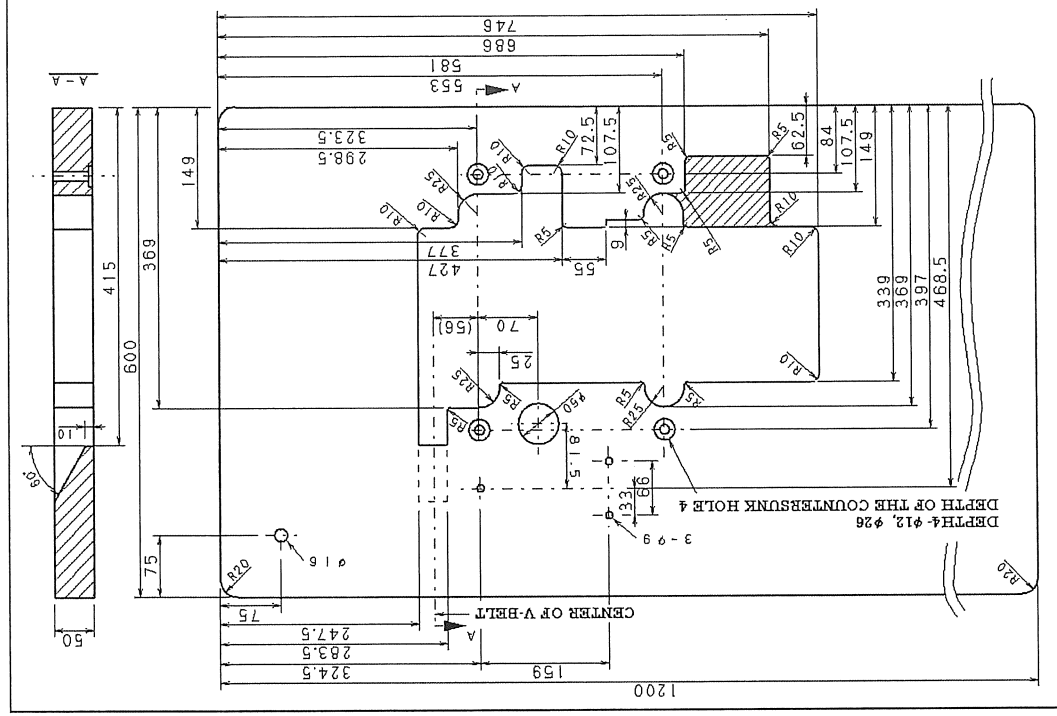


If element E is contaminated, proper oiling may not be performed. Clean the filter element every six months. If just a little or no oil flows out from the nozzle with the proper amount of oil in the machine, check the element. To do so, remove oil filter cap F. Replace the element if necessary.

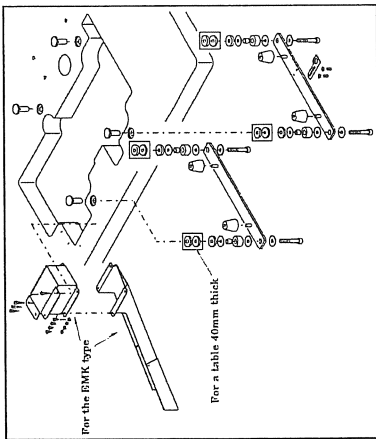


< Note >

When the oil filter cap is removed, the oil collected on the element drips. Be careful.



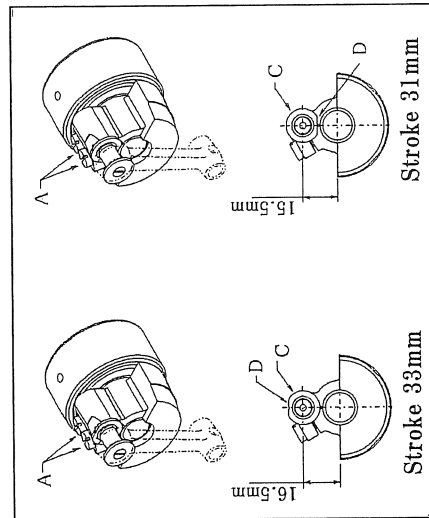
4-2 Installing the machine



[5] TIMING OF THE LOOPER TO THE NEEDLES

5-1 Changing the needle bar stroke

1. Changing the needle bar stroke
Loosen screws A and turn needle bar link C. To change the needle bar stroke, bring flat surface D to the top or bottom. When the needle bar and flat surface D come to the highest position, the stroke of needle bar stroke is set to 33mm. At the time of shipment of the machine, needle bar stroke is 31mm.
Needle bar stroke of NW8803G model is 34mm.

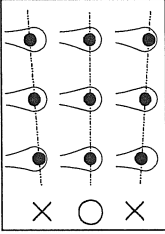
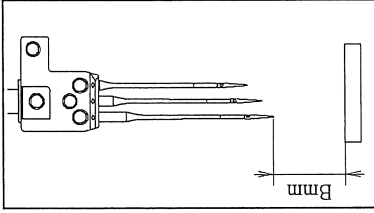
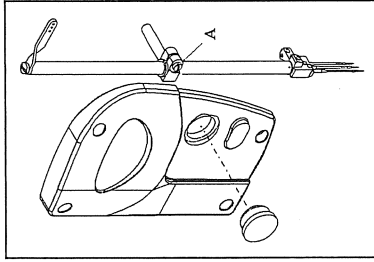


< Note >

After the needle bar stroke adjustment, make sure that retighten the two screws A securely.

5-2 Adjusting the needle height

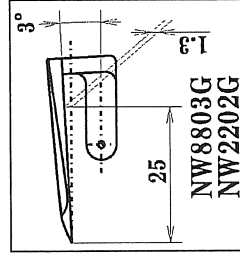
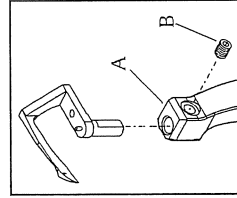
When the needle bar is at the bottom of its stroke, remove the plug on the head cover, loosen screw A, and move the needle bar up or down. Setting distance B varies according to the needle stroke or gauge size for further adjustment. (See chapter 5-4)



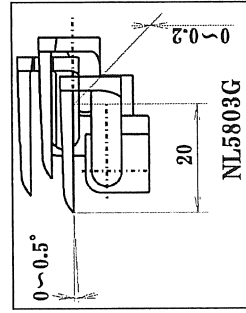
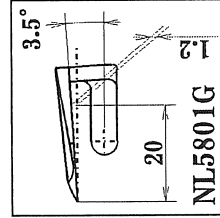
*<Note>
After the above adjustment, check to make sure each needle drops into the center of each needle hole.*

5-3 Angle and height for installing the looper

To obtain the proper angle and height, insert the looper fully into looper holder A and then tighten screw B.
The looper angle of standard NW model.



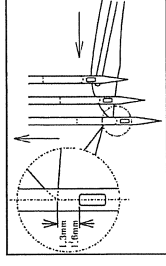
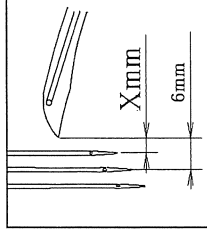
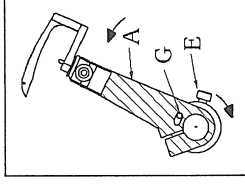
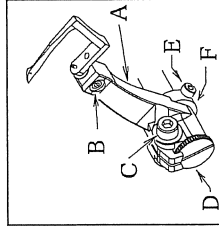
The looper angle of standard NL model.



5-4 Looper setting distance

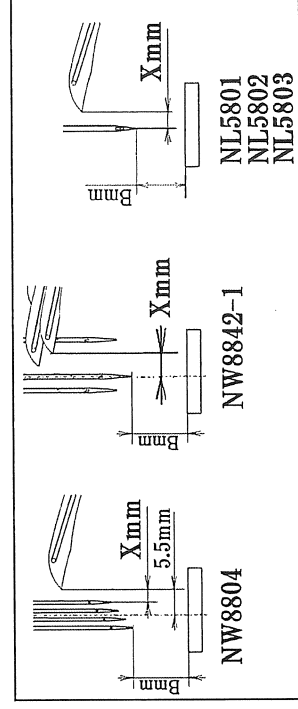
When the looper is at its farthest position to the right, looper setting distance is the fundamental distance from the point of the looper to the center of the needle should be 6mm. Also, setting distance X varies according to the needle stroke or gauge size for further adjustment. (See the table below)

1. Loosen screw C and E. Setting distance X.
2. Tighten screw C and the stopper collar F is tilted toward the right. (the stopper pin G should be touch to looper holder.)
3. Then tighten screw E.
4. Check the looper setting distance securely before starting sewing operation.



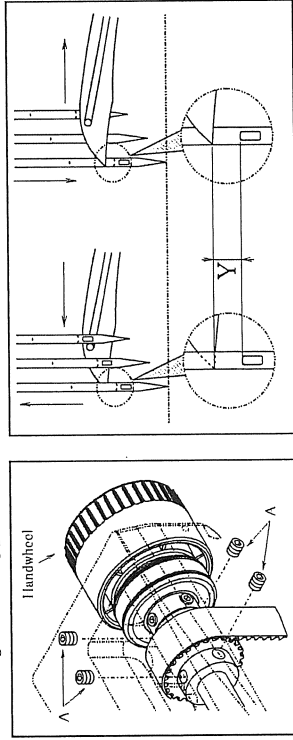
The point of the looper should pass the center of the left needle and 1.3~1.6mm above the top of its needle's eye when the looper moves to left on the back side of the left needle.

Needle stroke gauge (mm) (inch)	Needle height (Bmm)				Looper setting distance (Xmm)
	None	UT	None	UT	
3.2 (1/8)	9.8±0.2	9.1±0.2	10.8±0.2	10.1±0.2	31/33
4.0 (5/32)	9.3±0.2	8.6±0.2	10.4±0.2	9.7±0.2	4.4
4.8 (3/16)	8.9±0.2	8.2±0.2	10±0.2	9.3±0.2	4.0
5.6 (7/32)	8.5±0.2	7.8±0.2	9.6±0.2	8.9±0.2	3.6
6.4 (1/4)	8.1±0.2	7.4±0.2	9.2±0.2	8.5±0.2	3.2
NW8804	10.3±0.2	-	-	-	2.8
NW8842-1	8.2±0.2	-	-	-	2.5
NL5802/NL	9.6±0.2	-	-	-	4
NL5803	13±0.2 (Needle bar stroke is 34mm)	-	-	-	4
					3



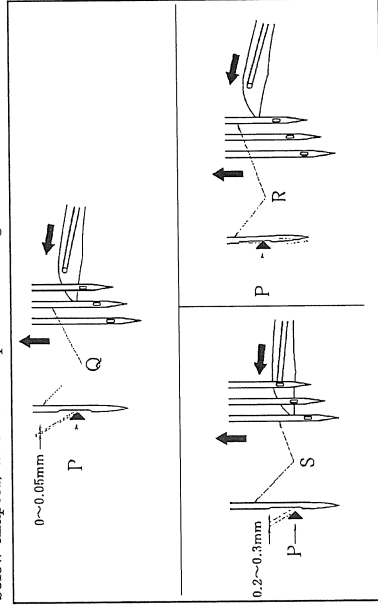
5-5 Needle/looper front-to-back relationship

When the point of the looper moves to the left needle should be same distance Y from the top of its needle's eye to the point of the looper by referring to the illustration below. To adjust the timing of the looper to the needles, remove the machine cover, loosen screws A on the timing pulley (upper), and shift the timing pulley (upper) by turning the handwheel while holding the timing pulley by hand.



5-6 Adjusting the needle/looper setting distance

The looper set the clearance between back side of the center needle Q and the point of the looper at 0~0.05mm. To make this adjustment, loosen screw C on the looper holder, and turn the screw D. At this time the looper should barely touch the right needle R. And the point of the looper at this position, set the clearance between the left needle S at approximately 0.2~0.3mm. If you can not make this adjustment, please change the looper's orbit. (See below chapter) Then see chapter 6-1 for right needle adjustment.

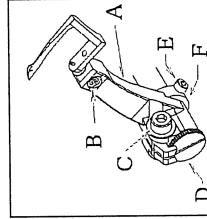


< Note >

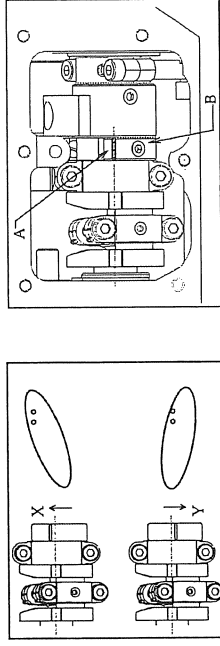
When adjusting the looper holder front or back, be careful not to change the looper setting distance and don't touch the needle guard (rear) and needle.

< Note >

Please do not loose screw E.



To change the looper's orbit, loosen screw B on eccentric A and shift the timing mark by moving eccentric A front or back by referring to the illustration below.



< Note >

When the timing mark moves to the direction of X unnecessary, the clearance between the point of the looper and the left needle when the looper moves to the left decreases. Cause of occur triangle skip stitch, and improper chaining off. When the timing mark moves to the direction of Y unnecessary, the clearance between the point of the looper and the left needle when the looper moves to the left increases. Cause of occur needle loop skip stitch, and easy to break the tip of the needle.

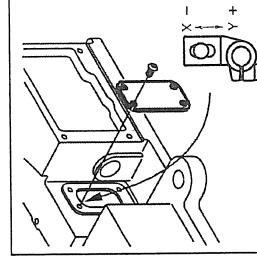
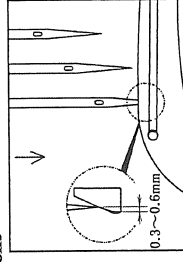
5-7 Changing the amount of the looper front-to-back movement

The clearance between the point of the left needle and the back side of the looper when the looper moves to the right from the extreme left end of its travel should be 0.3~0.6mm (The needle is pressed to the back). The amount of the looper front-to-back movement is factory-set properly for needle count #11 (Nm75).

If you use needle counts Nm80~90, adjust the amount as required.

If you use needle counts #12~#14, adjust the amount as required (see below).

1. Remove rear bed cover.
2. Loosen the nut on the looper front-to-back rod pin. To decrease the amount, move the rod pin to X. To increase the amount, move the rod pin to Y.



< Note >

After the above adjustment, check to make sure the chapter 5-6.

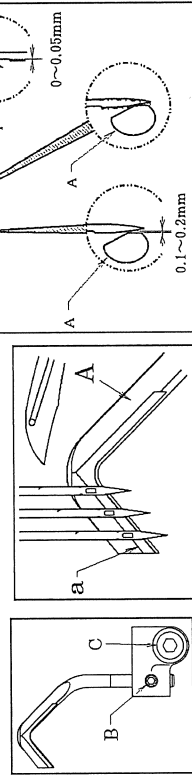
< Note >

When the amount of the looper adjusting decrease more than necessary, easy to break the tip of the needle. When the amount of the looper adjusting increase more than necessary, cause of occur triangle skip stitch.

[6] FRONT AND REAR NEEDLE GUARDS

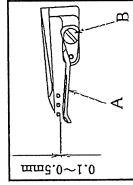
6-1 Position of the needle guard (rear)

- Align line "a" with the center of needle's hole when the needle is at the bottom of the stroke.
- When the point of the looper has reached the center of the right needle(R), the clearance between the needle and the looper should be 0~0.05mm. Loosen screw B and move the needle guard (A) slightly to the front. Then the clearance between the left needle(S) and the needle guard (A) should be 0~0.1mm.
- To adjust the needle guard (A) front to back, loosen screws C. The vertical adjustment and angle adjustment, by loosen screw B correctly.



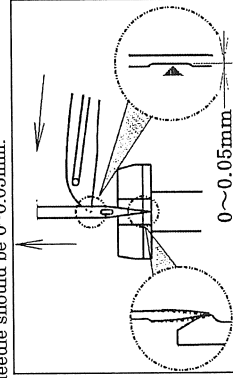
6-2 Position of the needle guard (front)

- When the point of the looper has reached to the each needles. The clearance between the needle guard A and needles should be 0.1~0.5mm. Adjustment by loosen screw B correctly.



6-3 Needle/looper front-to-back relationship and position of the needle guard (NL5803G)

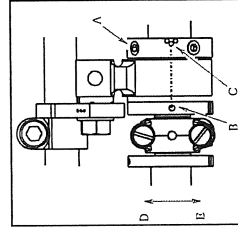
- Align line (a) on needle guard (rear) A with the top of the needle hole when the needle bar is at the bottom of the stroke.
- The clearance between point of the looper and needle should be 0~0.05mm.
- Then adjust the needle guard (rear) so that it presses needle at approximately 0.2~0.3mm to the front.



[7] SPREADER

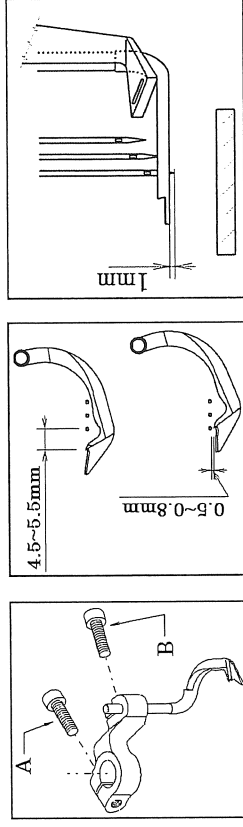
7-1 Timing of the spreader

- Adjust according to the thread to be used or other conditions.
- To make this adjustment, remove the top arm cover and loosen two screws for looper eccentric A on the upper shaft. Then shift alignment mark C front or back while referring to alignment mark B.
- To advance the timing of the spreader to the needle, shift mark C in the direction of D.
- To delay the timing of the spreader to the needle, shift mark C in the direction of E.



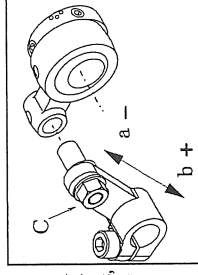
7-2 Position of the spreader

- Height
The distance from the point of the left needle to the bottom surface of the spreader should be 1mm.
- Left-to-right position
When the spreader is at the extreme left end of its travel, the distance from the center of the left needle to the point of the thread carrying notch should be 4.5~5.5mm.
- When the spreader passes the left needle, the clearance between the point of the thread carrying notch and the left needle should be 0.5~0.8mm. To make the above adjustment, loosen screws A and B.



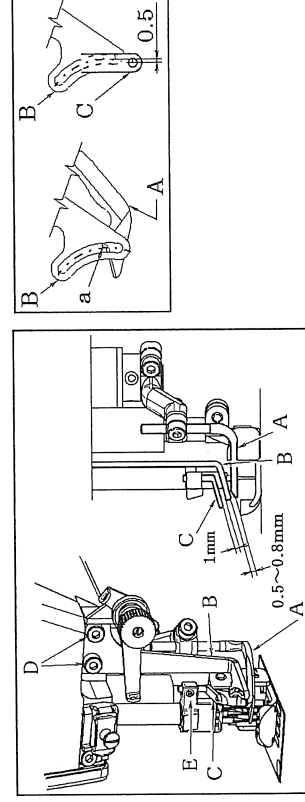
■ Adjust the amount of the spreader movement

- according to the number of spreader threads and/or the fabric weight. To make this adjustment, remove the arm top cover, loosen nut C and then move the adjusting lever pin in direction (a) or (b). To decrease the amount, move the pin in the direction of (a). To increase the amount, move the pin in the direction of (b).



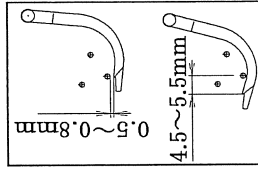
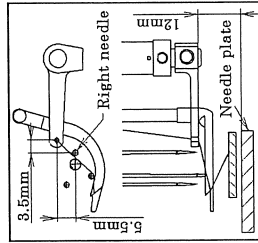
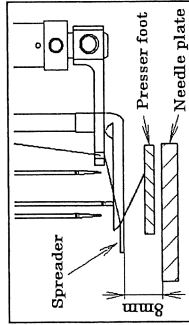
7-3 Position of the spreader thread guide

- The clearance between spreader thread guide B and spreader A should be 0.5~0.8mm.
- When the spreader is at the extreme right end of its travel, point (a) of the spreader thread carrying notch should be aligned with the centerline of the slot of spreader thread guide B.
- When the needle bar is at the bottom of its stroke, the clearance between the spreader thread guide and spreader thread guide C should be 1mm and the eyelet of spreader thread guide B. To make this adjustment, loosen two screws D and screw E and move each thread guide up or down, left or right, or front or back as required.



7-4 Position of the spreader (NW8842-1G)

- The distance between the top surface of the needle plate and the bottom surface of the spreader should be 8mm. When the spreader is at the extreme left end of its travel, the position of the thread eyelet is as shown to the illustration below.



[8] FEED DOGS & STITCH LENGTH

8-1 Feed dog height & tilt

■ Height

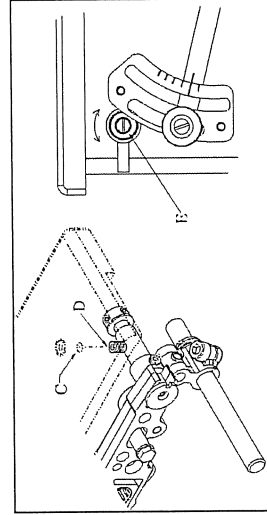
When the feed dogs are at the top of their stroke, the feed dog teeth should be parallel with and 0.8~1mm above the top surface of the needle plate.

To make this adjustment, loosen screw A and move the main and differential feed dogs up or down.

■ Tilt

Remove the cover from the rear side of the bed. Loosen screw D from hole C with a 3mm hex. Wrench. When the feed dogs are at their top of their stroke, the feed dogs should be parallel with the top surface of the needle plate. Adjust by turning eccentric pin E with a screwdriver.

- When using thick materials or stretchable materials, the front of the feed dog teeth tilt slightly become up. When using thick materials or stretchable materials, the front of the feed dog teeth tilt upward slightly. The top of the feed dog teeth should be parallel with above the top surface of the needle plate.



8-2 Stitch length

The stitch length is adjustable from 1.4~4.2mm. The following table shows the number of stitches within 1 inch (25.4mm) according to the stitch length.

Stitch length(mm)	No. of stitches (within 1")
4.2	6.0
3.6	7.0
2.4	10.5
1.4	18.0

■ To adjust the stitch length

1. Press push button A lightly until its end touches the inside part and clicks.
2. Turn the handwheel by hand while pressing the push button lightly until the push button goes further into the depth.
3. Then press down the push button strongly again.
4. Adjust the stitch length as required by turning the handwheel.
5. Align the required stitch length with alignment mark B.
6. Then release the push button.

<Note >

To adjust the stitch length, be sure to turn off the power first. And check to make sure the feed dogs do not touch the needle plate.

8-3 Differential feed

■ Normal differential feed (to gather the fabric)

To make this adjustment, loosen nut A, move lever B up or down and tighten nut A at the required position.

To obtain a feed ratio of 1:1, align lever B with reading C.

To obtain the normal differential feed, raise lever B above reading C. To obtain a feed ratio of 1:2, set lever B at 2.

■ Reverse differential feed (to stretch seam the fabric)

To obtain the reverse differential feed, lower lever B below reading C. To obtain a feed ratio of 1:0.7, set lever B at 0.7. To adjust the differential feed ratio during sewing Connect a chain, etc to the lever. Set the upper and lower limits with two stoppers (D).

■ To adjust the differential feed ratio during sewing, move lever B up or down within this range and then set lever B at the required position. The differential feed ratio varies according to the stitch length. See the table below.

< Differential feed ratio >

Stitch length (mm)	Max. normal diff. feed	Max. reverse diff. feed
3.6	1:1.2	1:0.7
2.5	1:1.6	1:0.7
2.0	1:1.8	1:0.7
1.4	1:2.0	1:0.7

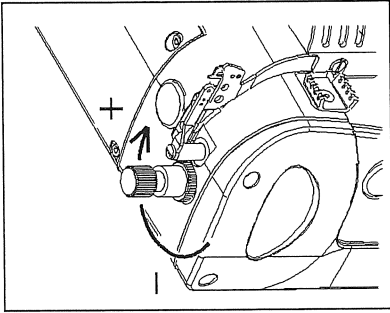
<Note >

To use the machine with the normal differential feed, check to make sure the feed dogs do not touch the needle plate.

【9】PRESSER FOOT

9-1 Presser foot pressure

The presser foot pressure should be as light as possible, yet be sufficient to feed the fabric and produce uniform stitches.
To increase the presser foot pressure, turn the adjusting knob clockwise.



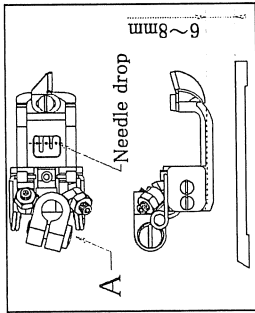
9-2 Position of the presser foot & foot lift

Fit the presser foot onto the presser bar so that the needle can drop correctly to the center of the presser foot needle drop hole.

■ Position of the presser foot
Loosen screw A. Adjust by moving the presser foot left or right while checking to make sure the needle drops correctly to the center of the presser foot needle drop hole.

■ Foot lift
For machines with the spreader, the presser foot should be 6mm above the top surface of the needle plate. Check to make sure presser foot does not touch the spreader with the presser foot in the above position. For machines without the spreader, the presser foot should be 8mm above the top surface of the needle plate.

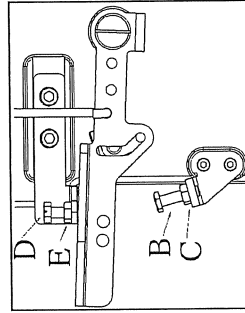
Set stopper B at the required position.
Fasten the presser foot lift lever with nut C so that the lever cannot be lowered.



9-3 Adjusting the float-foot

When the adjusting screw D is turned clockwise or counterclockwise, the presser bar lifting lever is pressed down to lift the presser foot.

Adjusting the height of the float-foot according to the sewing condition.



<Note >
In case of the float-foot is not used, use the sewing machine with the screw E moves to top.

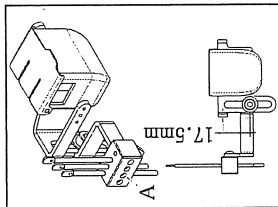
【10】STITCH FORMATION

10-1 Position of the needle thread guides

The distance from the center of the eyelet of the needle thread guide to that of the set screw should be approximately 17.5mm (see the illustration).

Adjust the height of the thread guides by loosening screws A and moving each thread guide up or down.

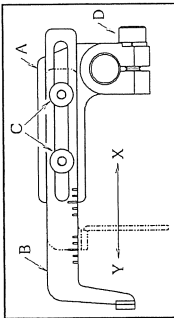
If the stitch formation cannot be changed extremely by adjusting the height of the thread guides because of the thread to be used, unravel the thread after test sewing and adjust the height of the thread guides while checking the tension of the needle thread.



10-2 Position of the thread guide on the needle thread take-up

When the needle bar is at the bottom of its stroke, needle thread take-up bracket A should be level and refer to the mark shown in the right figure the position of the thread guide of needle thread take-up B. To make this adjustment, loosen screws C and D.

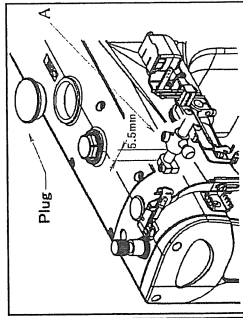
To tighten the needle thread, move needle thread take-up to Y. To loosen the needle thread, move needle thread take-up to X.



10-3 Timing of the needle thread take-up

The timing of the needle thread take-up in relation to the up-and-down movement of the needles can be adjusted. This timing is factory-set to synchronize with the up-and-down movement of the needle bar.

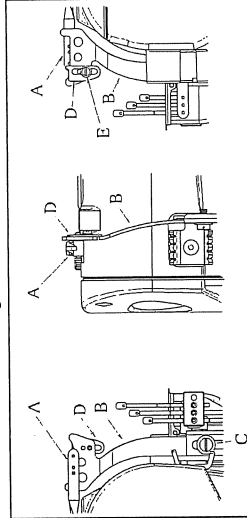
<Note >
The rod ball is factory-set at 5.5mm from the rear end of the shaft. To make the needle thread loop small, move the rod ball to the front. To make the needle thread loop large, move the rod ball to the back. Remove the rubber top plug. Loosen the screw of (A) with a 5mm wrench. Then move the rod ball to the front or back.



10-4 Position of the needle thread guide

When the needle bar is at the bottom of its stroke, the center of the needle bar eyelet A should be level with the top surface of needle thread guide B. To make the needle thread loop large, move up the thread guide B, for more stretchable threads. To make the needle thread loop small, move down the thread guide B, loosen screw C and move guide B up or down.

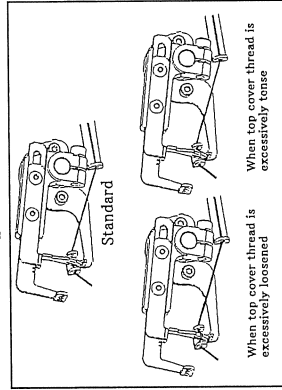
Also, loosen screw E and move up or down thread guide D as required.



【 11】 EMK ELASTIC FEEDER

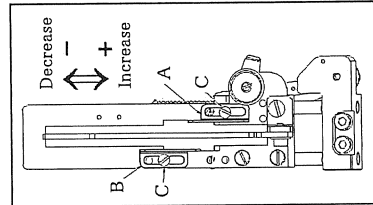
10-5 Position of the thread guide of the spreader thread take-up

When the needle bar is at the top of its stroke, thread any one of parts on the spreader thread take-up with spreader thread. (see the illustration)



10-6 Position of the thread guide of the looper thread take-up

Position of the thread guides A, B according to the amount of looper thread supplied by the looper thread take-up. Center screws C in the slots on thread guides respectively (standard) by adjusting thread guides.

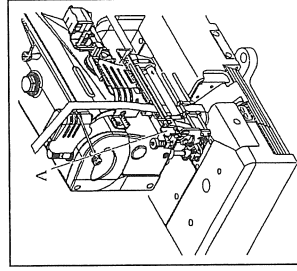
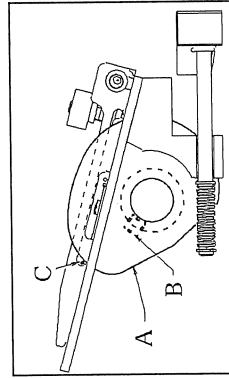
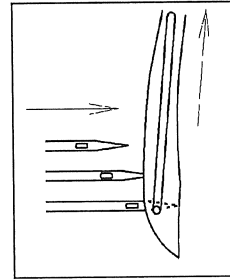


■ To increase the amount of looper thread
Move the eyelets of A and B to the front.

■ To decrease the amount of looper thread
Move the eyelets of A and B to the back.

10-7 Position of the looper thread take-up

When the point of the left needle descending to the back side of the looper has reached the bottom surface of the looper blade while the looper is moving to the right from the extreme left end of its travel, the looper thread should be removed properly from position C on the looper thread take-up. To make this adjustment, loosen screw B and adjust the looper thread take-up.

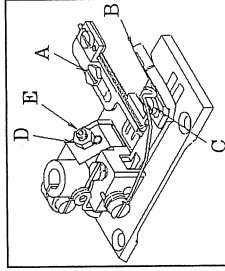


11-1 To insert the lace/elastic

Insert the lace/elastic correctly by referring to the illustration on the right. The rollers are opened by pressing rubber adjusting lever A.

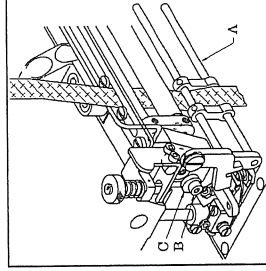
11-2 Lace/elastic guide on the presser foot

Loosen screw A. Adjust the position of the tape guide according to the needle space and/or width of the tape. Adjust the position of upper knife guide B according to the hem width cut by the knife. Install upper knife guide B by tightening screw C while checking upper knife guide B does not touch the knife.



11-3 Adjusting the front of the presser foot

Adjust the front of the presser foot according to the type of fabric and/or elastic to be used.
To sew heavy weight elastic onto the fabric, raise the front of the presser foot.
This reduces resistance and feeds the fabric smoothly.
Loosen nut D and turn screw E as required.



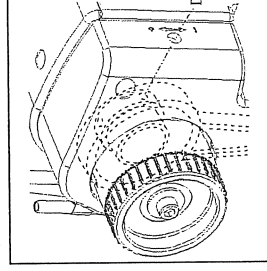
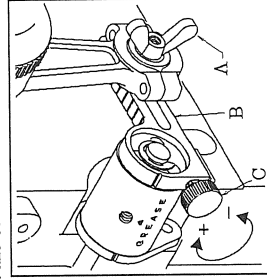
11-4 To install the tape guide

Install tape guide shaft A as close to the needle as possible, but the machine must sew the fabric smoothly.
To adjust the tape guide, loosen screw B and turn eccentric collar C clockwise or counterclockwise. The eccentric collar serves as a stopper, so install the eccentric collar properly so that it does not touch the needle holder and spreader thread guide, etc.

11-5 Feeding amount of the lace/elastic

To adjust the feeding amount of the lace / elastic, loosen wing nut A and turn adjusting screw C while checking the readings on lever B. To increase the amount, turn screw C clockwise. To decrease the amount, turn screw C counterclockwise.
Adjustable from 0.9mm to 2.3mm. Adjust according to the fabric and/or elastic to be used.
Adjust the pressure of the elastic feed small roller (see 11-6) simultaneously.

To increase the amount a little more, loosen two eccentric set screws from hole D. Turn the handwheel all the way to MAX with the wrench inserted until the handwheel stops and then tighten the set screws. This increases the adjustable range from 1.4 to 3.6mm.

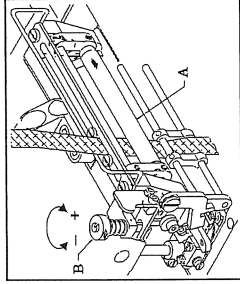


11-6 Pressure of the elastic feed small roller

To adjust the pressure of small roller A, loosen adjusting nut B as required. To increase the pressure, turn clockwise.

To decrease the pressure, turn counterclockwise. Adjust the pressure according to the elastic to be used.

<Note>
Decrease the pressure for stretchable lace elastic.
Increase the pressure for non-stretchable lace elastic.



11-7 Checking the performance of the elastic feeder

If the elastic feeder does not work well, it will not feed elastic uniformly, causing various kinds of trouble such as burned elastic, jammed elastic, needle breakage, uneven sewing. Check the following.

1. Adjust small roller A so that it can turn easily.
If it does not, the tape cannot be fed neatly.
2. The roller link and its shaft should move smoothly.
3. The small roller spring pressure should be as light as possible, yet be sufficient to follow the roller speed.

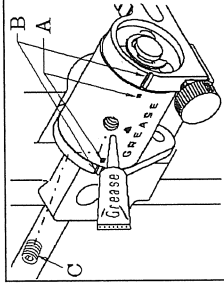
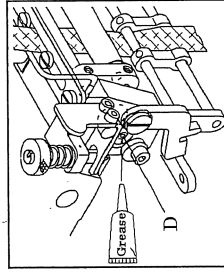
11-8 Oiling each part

The clutch has been greased at the factory. Add grease before it runs out.

Turn the handwheel to align mark A on the housing with mark B on the lever.

Remove screw C of the oil hole and then supply grease.

Remove screw D and grease the bearing.



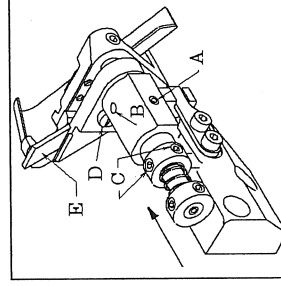
【 12 】 EMK FRONT KNIFE DEVICE

12-1 Adjusting and oiling the lower knife holder

Loosen screw A to change the position of the lower knife holder. The upper and lower knife holders can be adjusted left to right simultaneously.

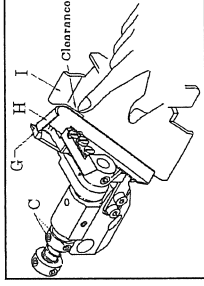
When changing the distance from the right needle to the fabric edge, adjust the lower knife holder.

<Note>
Add a small amount of oil to oil hole B periodically.



12-2 Replacing the lower knife

1. Loosen screw C on the collar. Move the shaft to the right to provide clearance up and down.
2. Tighten screw C on the right collar temporarily.
3. Loosen screw D.
4. Remove lower knife E downward.
5. Align the blade of new lower knife E with the top surface of the needle plate. Tighten screw D.
6. The upper and lower knives are overlapped by loosening screw C on the collar.
7. Place a thread between the knives and check for the proper cutting action by turning the handwheel by hand. Tighten screw C.

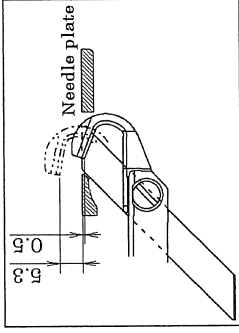
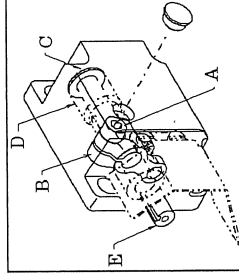


12-3 Replacing the upper knife

1. Create clearance up and down between the upper and lower knives (see 12-2 1).
2. Loosen screw F and remove upper knife G.
3. Secure a new knife and then check for the proper cutting action (see 12-2 6).

12-4 Overlap of the upper and lower knives

When the upper knife is at the bottom of its travel, there should be approximately 0.5mm overlap of the upper and lower knives. To make this adjustment, loosen screw A on the upper knife shaft lever. Then the upper knife and upper knife holder can be moved up and down simultaneously. Tighten screw A when 0.5mm overlap of the upper and lower knives is obtained. Secure bushing D with upper knife shaft lever B and washer C so that there is no left-to-right shake on upper knife shaft E. Then tighten screw A.

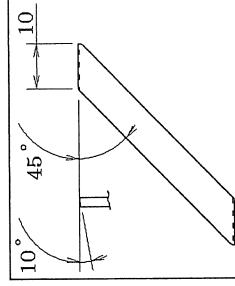


12-5 To sharpen the knife

The upper knife is made of an extra hard alloy.

When the knives become dull, sharpen the lower knife first (see the illustration). If cutting is still not performed properly, replace the upper knife.

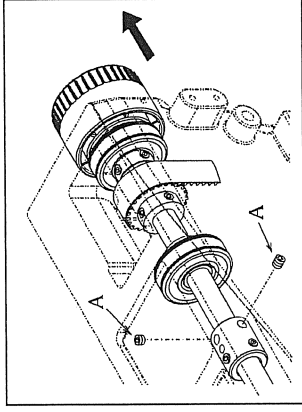
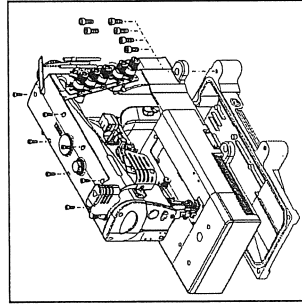
<Note>
The max. space between the chip guard (H) and the shooter (I) is adjusted under 8mm at the delivery of the factory. If re-adjustment is needed due to repairing job etc., please make sure to adjust it under 8mm.



【13】 REPLACING THE TIMING BELT

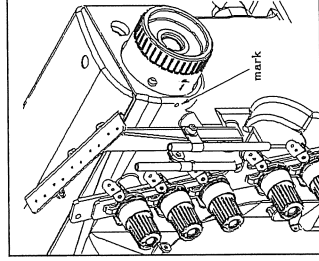
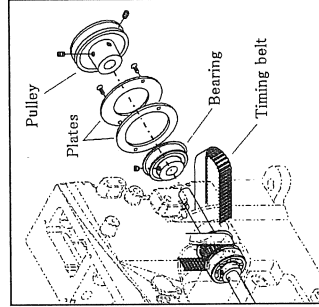
13-1 To remove the timing belt

1. Loosen the seven arm cover set screws and the four oil reservoir set screws (see the illustration).
Remove each part.
2. Loosen two screws A. Remove the handwheel to the right while turning it slowly (see the illustration).
3. Remove the pulley, plates and bearing in sequence by referring to the illustration.
Then remove the timing belt from the hole for the bearing.



13-2 To place the timing belt

1. Install the timing belt, bearing, pulley, plates and cover by performing the reverse procedure of 14-1.
2. Position the bearing so that the point of the screw is fitted correctly into the positioning hole on the lower shaft. Then tighten the screw to secure the bearing.
3. Move the loop to the extreme right end of its travel by turning the machine pulley. Bring the needle bar down to the bottom of its stroke by hand. Tighten two screws A.
4. Then place the belt onto the timing pulley on the upper shaft.
5. Bring the needle bar up to the top of its stroke by turning the machine pulley. Check to make sure mark "P" on the handwheel is aligned with alignment mark "O" on the bed.
6. To make a fine adjustment for the timing of the needle and loop, refer to 5-5.



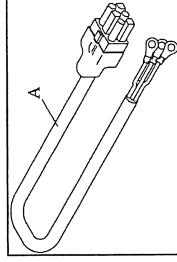
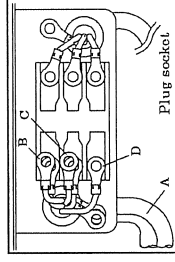
【14】 MC31 (TAPE CUTTER)

14-1 Power supply cord

Connect electric cord A to ON/OFF switch of machine head.
Connect the cords with blue and brown color to 2 of 3 terminal of B, C, D.
The cord with green/yellow color is earth cord which should be connected to earth terminal.

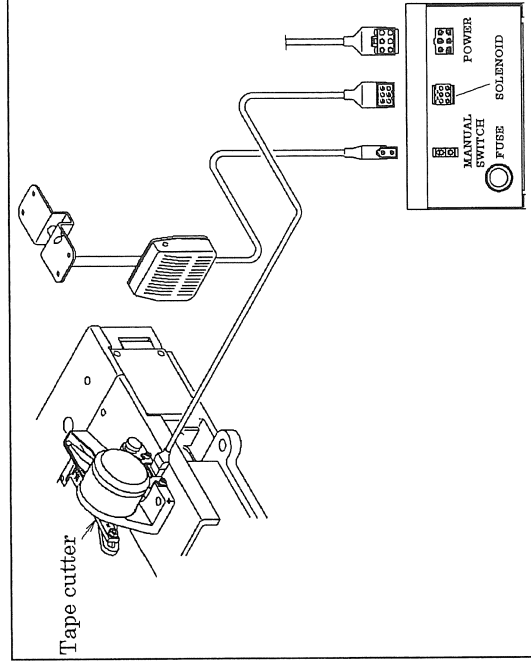
< Note >
When connecting electric cord, make sure to turn off the switch of main power source.

< Note >
Be careful in connecting electric cord A to control box. Check the mark of electric cord A and control box. Then, connect them.



14-2 Intermediate cord

Connect the cords with referring to the following picture. (also refer to the parts list.)
After connecting, fix the cords with bands to the proper place under the table.



14-3 Adjustment (Electric type)

< Note >
Make sure to turn off the power (electric and compressed air), before adjusting, cleaning etc.

a) Height of Cutter

Loosen screw E and adjust lever F in order to set 24 mm of the distance between lower cutter and upper cutter at the top position (top dead point). During this adjustment, do not forget to align between surface G (surface of lever F) and edge surface of solenoid shaft.

< Note >

After adjusting, drop down upper cutter at the bottom position (bottom dead point) in pulling lever F direction to H. Then, confirm whether upper cutter and lower cutter shall meet each other at 1mm distance or not.

b) Overlapping of Cutter

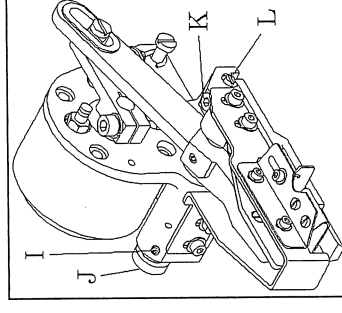
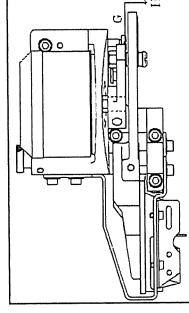
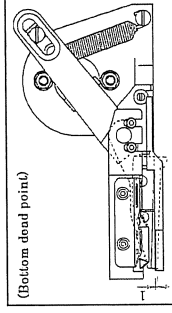
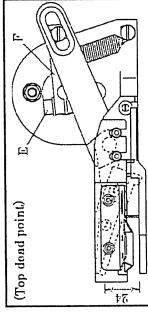
1. Loosen screw I, then loosen screw J until disappearing of pressurized power of upper cutter.
2. Loosen screw K, then adjust screw L in order to overlap properly between upper cutter and lower cutter.

< Note >

When checking the proper overlapping between upper cutter and lower cutter, move upper cutter by your hand.

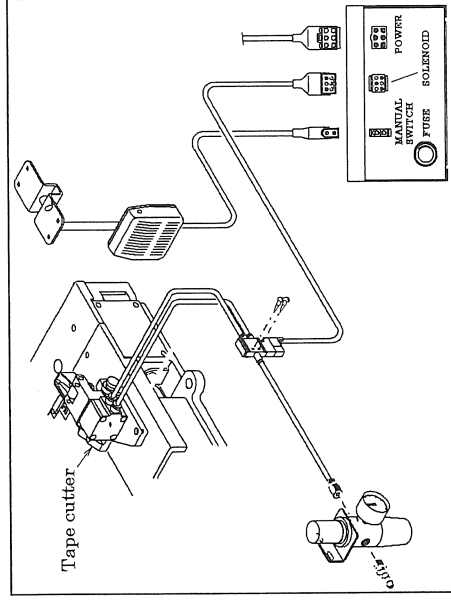
c) Power of Upper Cutter

After loosen screw I, then adjust the pressurized power of upper cutter against lower cutter by screw J.



14-4 Air piping & wiring (Air type)

Connect the air tube and the electric cords with referring to the following picture. (also refer to the parts list.) After connecting, fix the air tube and the electric cords with bands onto the proper place under the table.



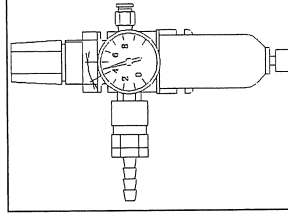
14-5 Air pressure

Set the air pressure at 4-5 kg/cm² by regulator.

Do not increase the air pressure over 5kg/cm², which may cause trouble.

< Note >

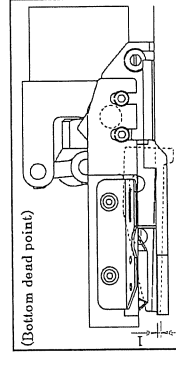
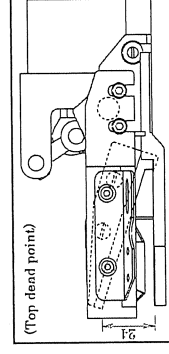
Be careful about the remaining compressed air.
Even if stopping the air source at compressor, it is possible to remain compressed air in tube.
Release the remaining compressed air by regulator.



14-6 Adjustment (Air type)

a) Height of Cutter

Loosen screw K and adjust lever L in order to set 24 mm of the distance between lower cutter and upper cutter at the top position (top dead point).

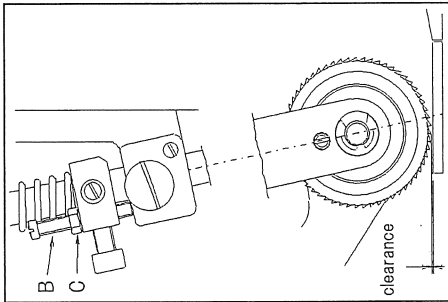


【15】 ADJUSTING THE REAR PULLER

15-1 Position of the hand lever and the stopper

Pull the upper rear puller up in the time of releasing the fabric. In case of using thick fabric, should have some space between the upper rear puller and the bottom rear puller in condition of the upper rear puller is the bottom of its stroke.

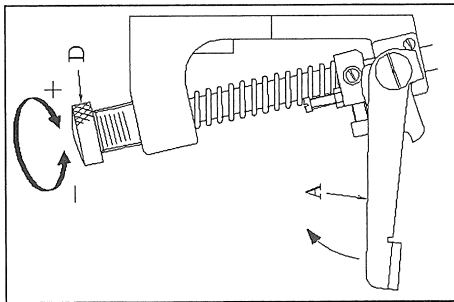
Adjust by stopper B.



15-2 To adjust the puller pressure

The puller pressure should be as light as possible, yet be sufficient to feed the fabric smoothly.

To increase the pressure, turn adjusting knob D clockwise. To decrease the pressure, turn adjusting knob D counterclockwise.



15-3 To adjust the feeding amount of the rear puller

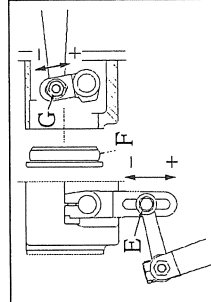
The feeding amount of the rear puller should be the same as that of the feed dog.

Loosen screw E. To decrease the amount, move upward. To increase the amount, move downward.

If the proper feeding amount is still not obtained after the above adjustment, remove rubber plug F and loosen nut G with a hex wrench.

To decrease the amount, move upward.

To increase the amount, move downward.

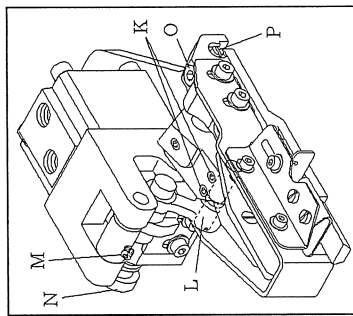


< Note >
Make sure to turn off the power (electric and compressed air), before adjusting, cleaning etc.

After adjusting, drop down upper cutter at the bottom position (bottom dead point). Then, confirm whether upper cutter and lower cutter shall meet each other at 1 mm distance or not.

b) Overlapping of Cutter

1. Loosen screw M, then loosen screw N until disappearing of pressurized power of upper cutter.
2. Loosen screw O, then adjust screw P in order to overlap properly between upper cutter and lower cutter.



< Note >
When checking the proper overlapping between upper cutter and lower cutter, move upper cutter by your hand.

c) Power of Upper Cutter

After loosening screw M, then adjust the pressurized power of upper cutter against lower cutter by screw N.

【16】 THE ADJUSTMENT OF CUTTING DEVICE

16-1 The specifications for NW2202GC/GPC

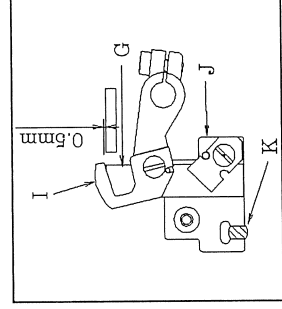
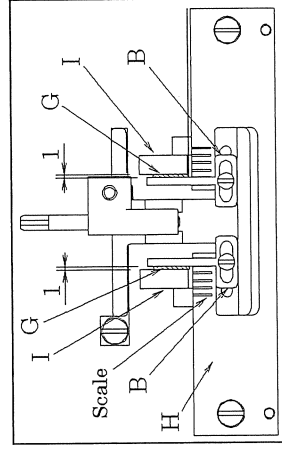
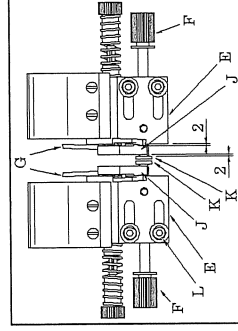
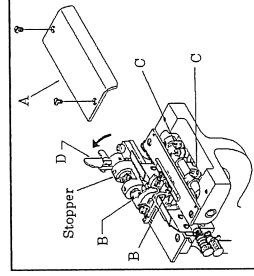
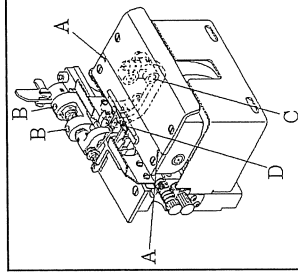
1. Needle bar stroke 31mm
2. Upper knife stroke 5.5mm
3. Cutting size 16~44mm
4. Finishing size 8~20mm

16-2 Lubrication

Fall a few oil drops sometime.

16-3 Adjustment of cutting width

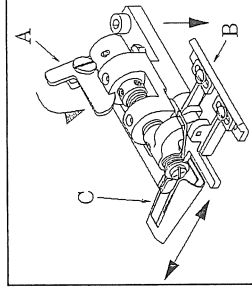
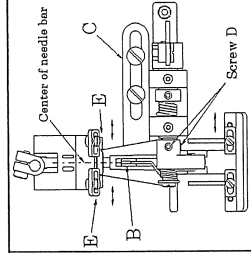
- a. Remove the base cover of the knife also open the front cover and side cover.
- b. Remove the upper knife shaft's cover A.
- c. Loosen B screw on the support presser foot located on the front presser foot, C screw on upper knife bracket. And push the lever D up for lifting the front presser foot.
- d. Loosen the screw L on the stationary knife bracket E then adjust the stationary knife position by dialing the screw F according to the scale on the front needle plate. After that tighten the screw L temporary.
- e. Turn the hand pulley to position the needle bar at the bottom of its stroke.
- f. Touch the upper knife I with stationary knife G, then tighten up the screw on the upper knife bracket C after place the point of the upper knife I in 0.5mm higher than the stationary knife G.
- g. Loosen the screw on the stationary knife bracket base E for adjustment to have some space between the stationary knife bracket J and the stationary knife bracket base E and more the stationary knife bracket J and the stationary knife bracket supporter K for cutting fabrics well after that re-tighten the screw on the stationary knife bracket E.
- h. The support presser foot B positioned 1mm from the upper knife.



16-4 Replacement for folder

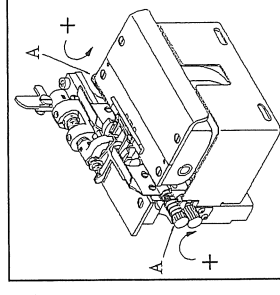
<The way of removable>

- a. Remove the screw on the folder C.
 - b. Positioned the needle bar at bottom of its stroke.
 - c. Lift up the main presser foot then keep the front presser foot up with lever A.
 - d. Remove the folder C with pushing in front part of the front presser foot down.
- <The way of setting the folder>
- a. Positioned the center of the folder C against the center of needle bar then tighten the screw on the folder C.
 - b. Positioned the point of back side of front presser foot against the center of the folder C by loosen the screw D.
 - c. Hold the point of folder C between both of guide E.



16-5 Adjustment of knife pressure

Should be adjusted by dialing the screw A depend on fabrics.

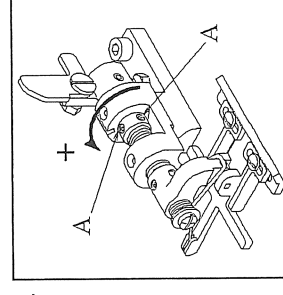


16-6 Adjustment of the front presser foot pressure

Loosen the screw A on the color to turn it up or down.

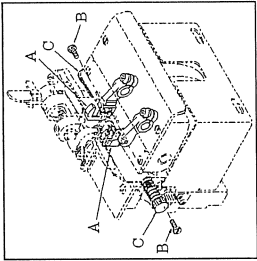
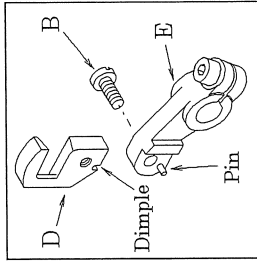
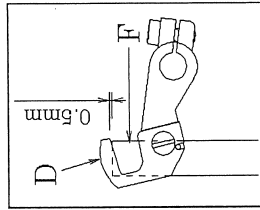
Turn it up, the pressure are increase.

Turn it down, the pressure are decrease.



16-7 Replacement of upper knife

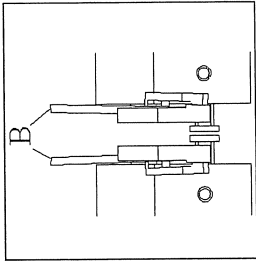
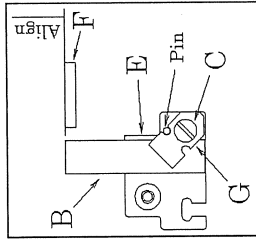
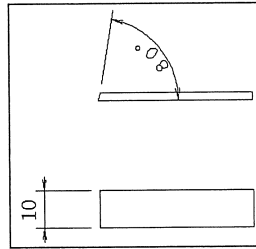
- Remove the upper knife by loosen the screw B and pushing the pressure adjustment dial C.
- Set the dimple of new upper knife in the pin on upper knife bracket E.
- Check the position of upper knife is located in 0.5mm higher than stationary knife.
- Check the sharpness of knife by turning on the hand pulley.



16-8 Replacement of stationary knife

- Remove the knife cover base A.
- Remove the stationary knife B by loosen the screw C then pushing the pressure adjustment dial D.
- Set the new stationary knife carefully in the stationary knife bracket E. The position of the point of the stationary knife should be align with surface of the support needle plate. Then tighten the screw C. In this time, the impel of the stopper for the stationary knife G should be match with the pin.

■ When the stationary knife was not cutting well, the knife have to be sharpen on a whetstone. Refer to diagram.



16-9 The way of remove of cutting device

Must be remove the cutting device when the gauge conversion or the gauge adjustment are altered. Additionally, in case of the cutting size were fixed less than 20mm width, widen the upper knife bracket and the stationary knife base bracket more than 20mm width.

<Remove>

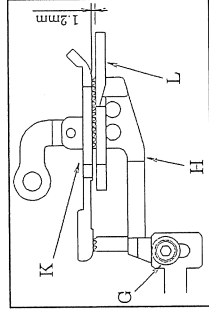
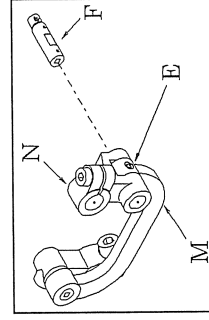
- Remove side base cover B and cutting device cover A.
- Open the front cover C and the side cover D.
- Loosen the screw E then remove the link pin F.
- Turn the hand pulley to positioned the needle bar at the bottom of its stroke then loosen the screw G to make lower position for the support feed dog H.
- Remove the cutting device bracket in front.

■ A positioning pin is fit the cutting device bracket so that move it off with screwdriver slowly.

<Replacement>

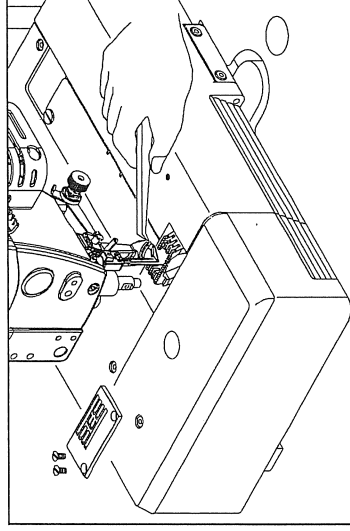
- Replace the cutting device I.
- Turn the hand pulley to positioned the needle bar at the top of its stroke then adjust the tip of support feed dog to positioned 1.2mm higher from the surface of support needle plate in condition of the support presser foot is the down position.
- Fit the connecting link M into the upper knife connecting lever N then put the link pin F into the hole.
- Replace the cutting device bracket cover A and side cover base B.

■ Re-adjust the cutting width. Refer to 16-3.



[17] CLEANING THE MACHINE

At the end of each day, remove the needle plate and clean the slots of the needle plate and the area around the feed dogs.



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