
PARTS LIST & INSTRUCTION

JJT SERIES

Industrial Sewing Machines

JJT50

2017 年 07 月 初版 発行

First edition: July 2017

No.KX17022

KANSAI
SPECIAL®

パーツブック御利用に際して

■このパーツブックは、2017年07月製造中のJJT5000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 JULY 2017.

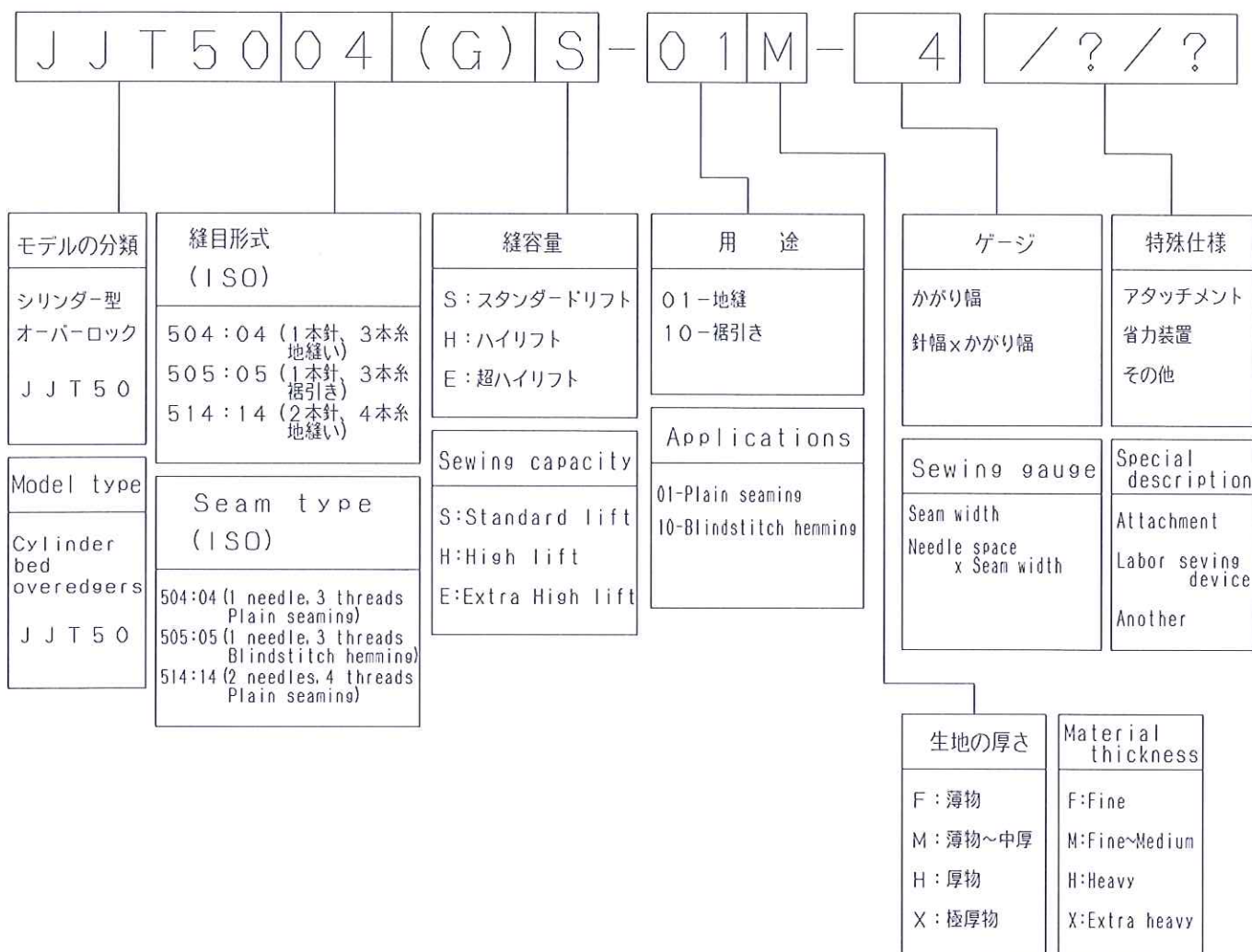
■Each mechanism is arranged on facing pages. You will find listed for parts number, names, and quantities.

■A parts number index is attached to the back of this book for convenience.

■Parts are subject to change without notice.

JJシリーズ 表示方法

JJ SERIES INFORMATION

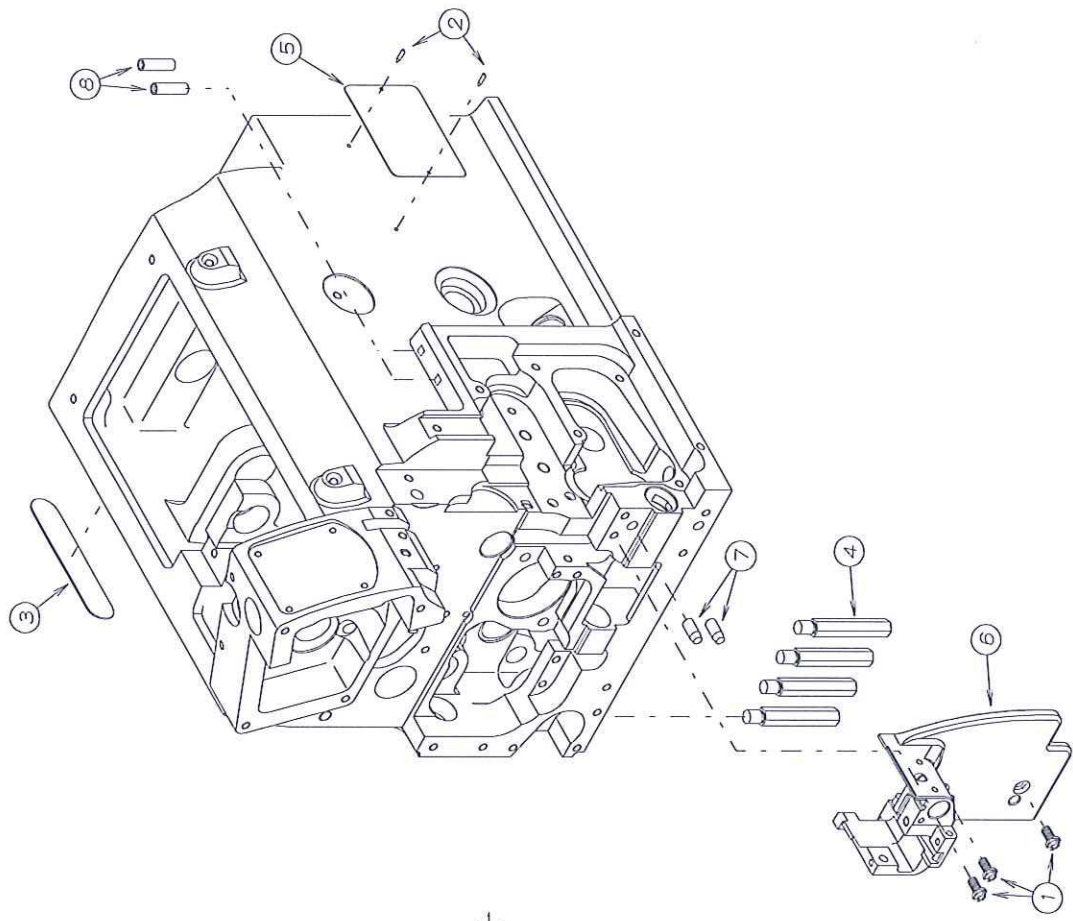


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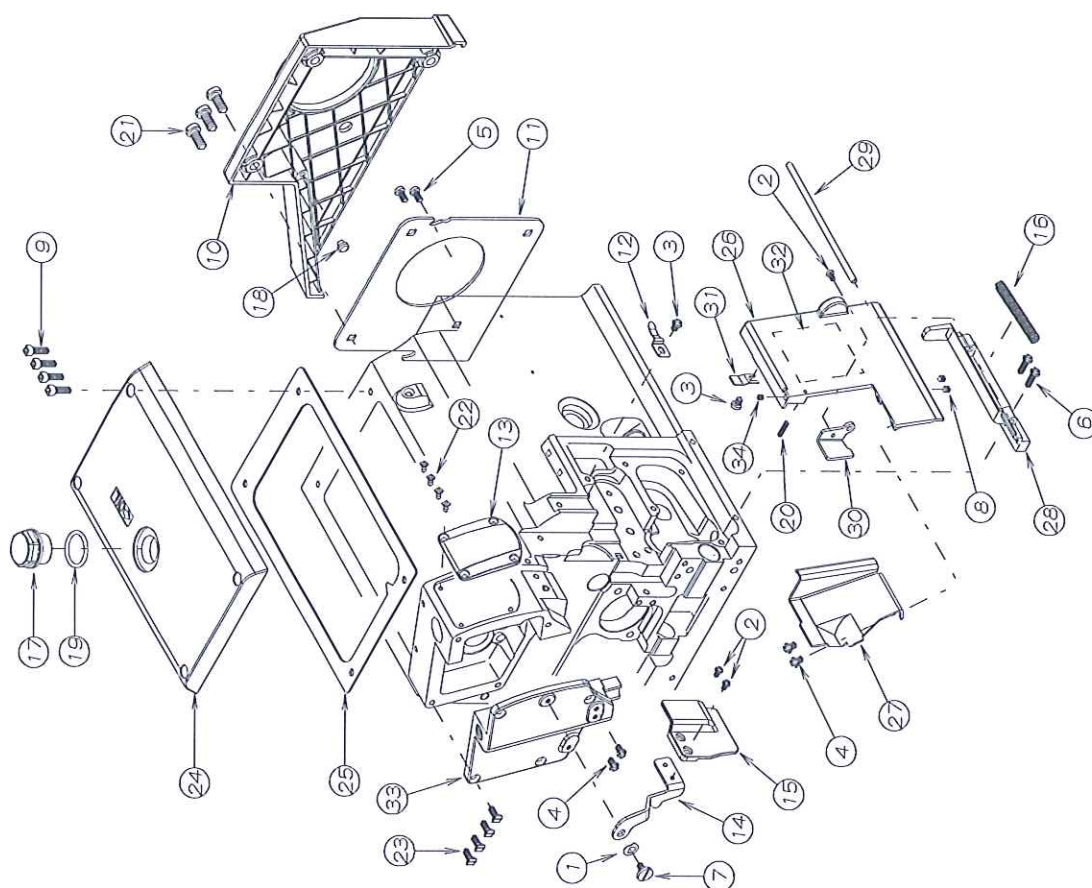
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1. フレーム関係 FRAME ASSEMBLY

REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
01-0154-113		ブラマイナバネジM4x8L	SCREW M4x8L	3
01-0254-172		ピン	PIN	2
01-0354-191		溶接シール		1
01-0454-488		支持ネジ	BRAND NAME PLATE	4
01-0554-675		継ぎ	PIN	4
01-0654-761		シリンダーブラケット	PLATE	1
01-0754-762		平行ピン	CYLINDER	1
01-0854-763		糸逆パイプ	PIN	2
			PIPE	2

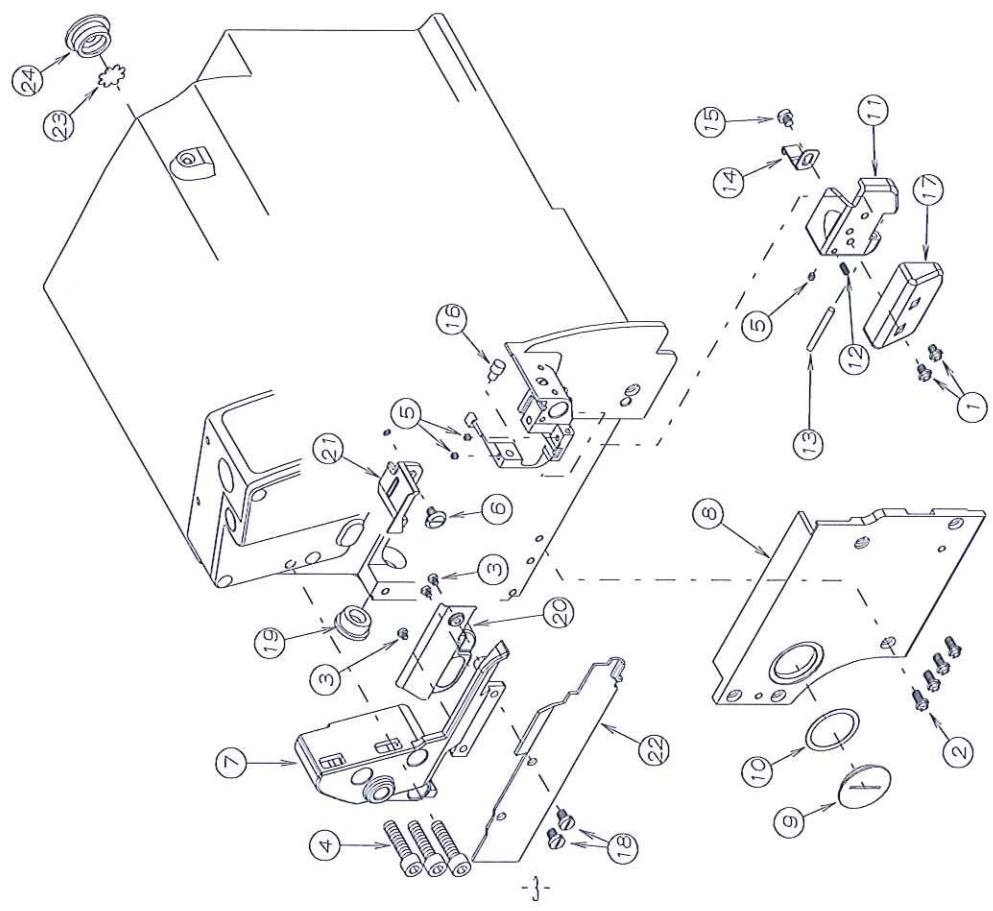


2. カバー関係 (1) COVER ASSEMBLY (1)



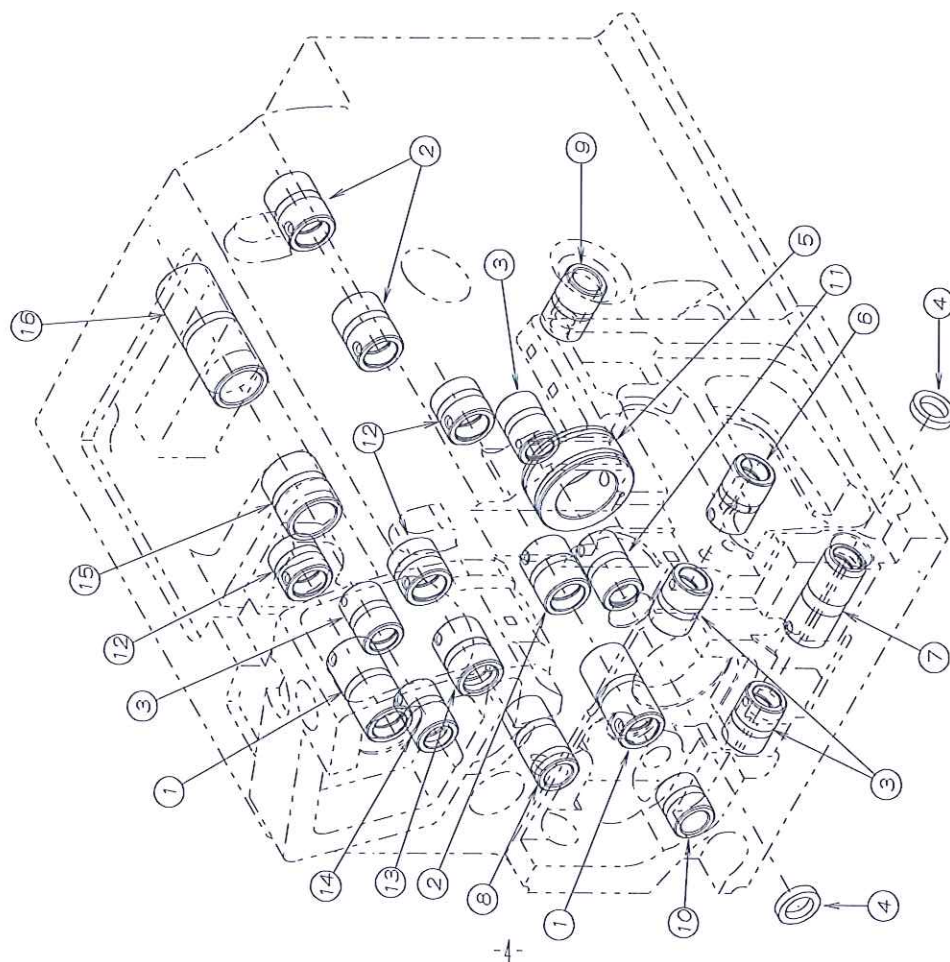
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
02-01	54-026	波厘金	WASHER	1
02-02	54-109	ブラマイナベ小ネジM3x5L	SCREW M3x5L	1
02-03	54-111	ブラマイナベ小ネジM4x5L	SCREW M4x5L	3
02-04	54-112	ブラマイナベ小ネジM4x6L	SCREW M4x6L	2
02-05	54-113	ブラマイナベ小ネジM4x8L	SCREW M4x8L	2
02-06	54-121	ブラマイナベ小ネジM4x12L	SCREW M4x12L	2
02-07	54-130	線ネジ	SCREW	1
02-08	54-133	ネジ	SCREW	2
02-09	54-144	六角穴付きボルト	BOLT	2
02-10	54-309	プーリーカバー	PULLEY COVER	4
02-11	54-314	サイドカバー-右	FAN COVER	1
02-12	54-332	カバー-ラッチ (B)	LATCH (B)	1
02-13	54-336	銘板	BRAND NAME PLATE	1
02-14	54-337	カバー-取付板	BRACKET	1
02-15	54-338	アイガード	EYE GUARD	1
02-16	54-339	カバー-圧縮ハネ	SPRING	1
02-17	54-342	オイルポッド	OIL SIGHT WINDOW	1
02-18	54-359	カバー-クッション	RUBBER	1
02-19	54-362	Oリング	O-RING	1
02-20	54-482	六角穴付き止めネジ	SCREW	1
02-21	54-495	平小ネジ	SCREW	3
02-22	54-498	六角穴付き皿小ネジ	SCREW	4
02-23	54-532	スリッパ付皿ネジ	SCREW	4
02-24	54-764	トップカバー	TOP COVER	1
02-25	54-765	トップカバー-バッキン	GASKET	1
02-26	54-766	フロントカバー	FRONT COVER	1
02-27	54-767	切屑カバー	COVER	1
02-28	54-768	カバー-ヒンジ	HINGE	1
02-29	54-769	ヒンジピン	PIN	1
02-30	54-770	ラッチ	LATCH	1
02-31	54-771	ラッチ	LATCH	1
02-32	54-892	糸数表示板	THREADING	1
02-33	56-280	面板	COVER	1
02-34	56-297	六角穴付き止めネジ M3	SCREW M3	1

3. カバー関係 (2) COVER ASSEMBLY (2)



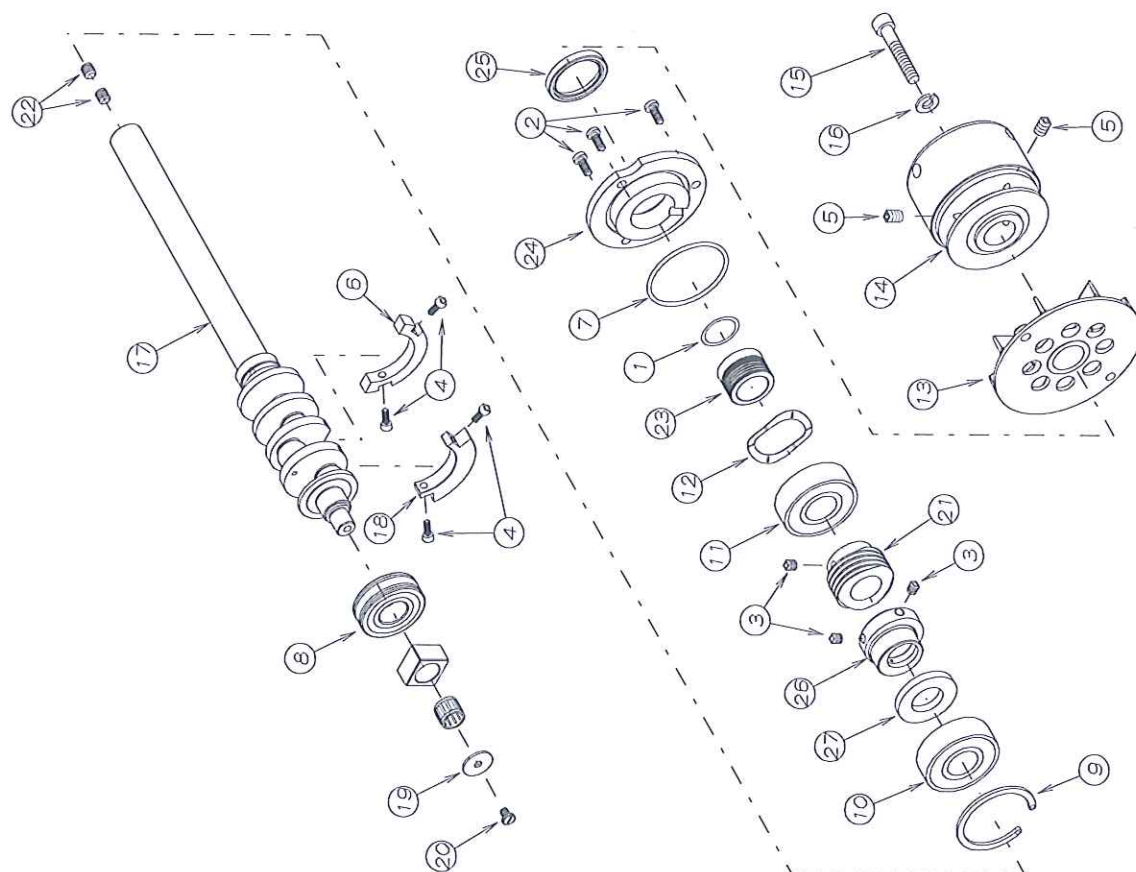
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
03-01	54-111	プラマイナベ小ネジ M4x5L	SCREW M4x5L	2
03-02	54-113	プラマイナベ小ネジ M4x8L	SCREW M4x8L	4
03-03	54-117	平小ネジ M3x3L	SCREW M3x3L	3
03-04	54-142	六角穴付きボルト	BOLT	3
03-05	54-182	ネジ	SCREW	3
03-06	54-439	線ネジ	SCREW	1
03-07	54-773	ブラケット	BRACKET	1
03-08	54-775	ベッドカバー	BED COVER	1
03-09	54-776	蓋	COVER	1
03-10	54-777	ガスケット	GASKET	1
03-11	54-778	機カバー	COVER	1
03-12	54-779	六角穴付きネジ M3x6L	SCREW	1
03-13	54-780	平行ピン	PIN	1
03-14	54-781	機ハネ	SPRING	1
03-15	54-782	平小ネジ M4x4L	SCREW	1
03-16	54-783	ピン	PIN	1
03-17	54-784	補助カバー	COVER	1
03-18	54-920	平小ネジ M4.5x6L	SCREW	2
03-19	56-041	ゴム栓 (15)	PLUG	1
03-20	56-167	カバー	COVER	1
03-21	56-169	カバー	COVER	1
03-22	56-569	布案内	FABRIC GUIDE	1
03-23	56-813	油切	PLATE	1
03-24	56-814	ゴム栓	PLUG	1

4. ブッシュ機構 BUSHING



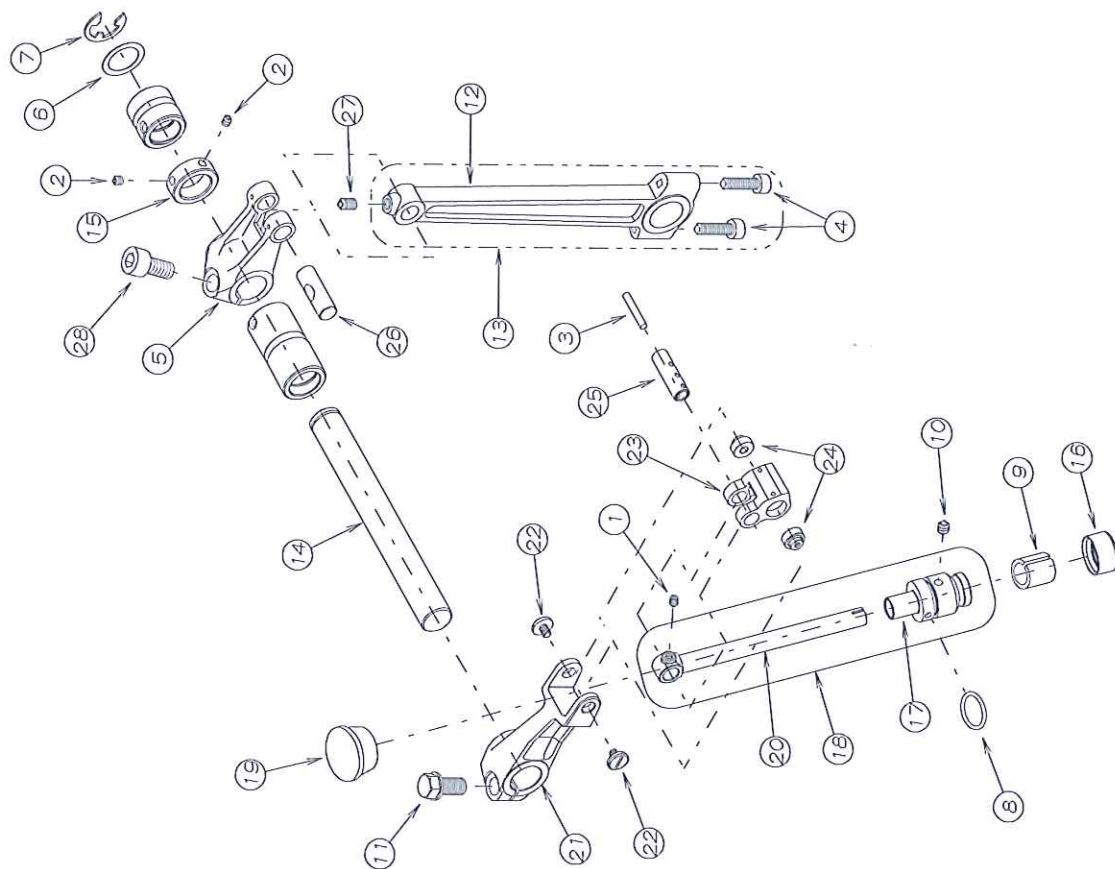
REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
04-01	54-321	針振り軸前ブッシュ	BUSHING	2
04-02	54-322	針振り軸後ブッシュ	BUSHING	3
04-03	54-323	下ルバー軸ブッシュ	BUSHING	4
04-04	54-434	オイルシール	OIL SEAL	2
04-05	54-876	主軸ブッシュ	BUSHING	1
04-06	54-877	上ルバー軸ブッシュ前	BUSHING	1
04-07	54-878	下ルバー軸ブッシュ前	BUSHING	1
04-08	54-879	送り調節ピンブッシュ	BUSHING	1
04-09	54-880	ブッシュボタ管用ブッシュ	BUSHING	1
04-10	54-881	差動軸用ブッシュ	BUSHING	1
04-11	54-882	上メス軸ブッシュ前	BUSHING	1
04-12	54-909	ブッシュ	BUSHING	3
04-13	56-317	ブッシュ上送り上下 (前)	BUSHING	1
04-14	56-318	ブッシュ上送り前後軸 (前)	BUSHING	1
04-15	56-319	ブッシュ上送り前後	BUSHING	1
04-16	56-320	ブッシュ上送り前後	BUSHING	1

5. 下軸機構 CRANKSHAFT MECHANISM



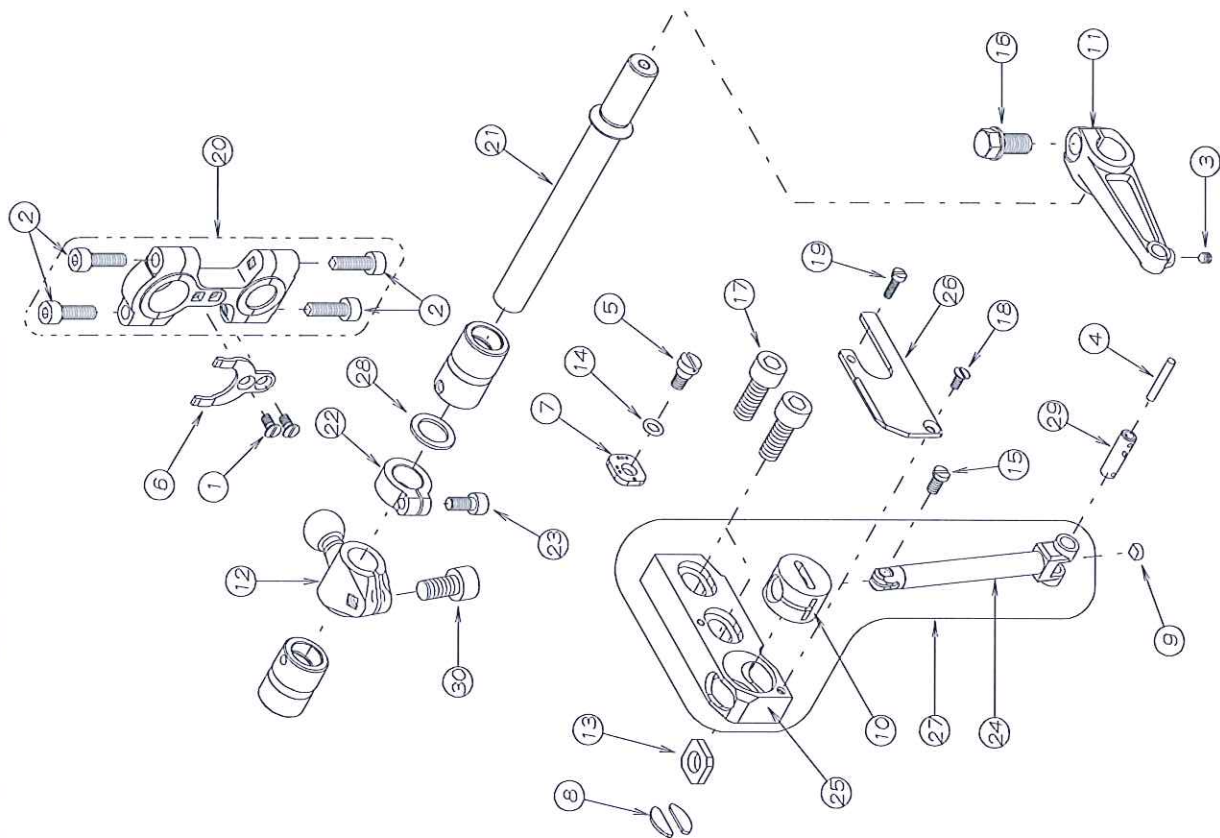
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
05-0154-031	0リング	0リング	0-RING	1
05-0254-114	ブラマイナネジ	M4 x 10 L	SCREW M4 x 10 L	3
05-0354-123	六角穴付止めネジ	M5 x 5 L	SCREW M5 x 5 L	3
05-0454-136	六角穴付ボルト		SCREW	4
05-0554-148	六角穴付止めネジ		SCREW	2
05-0654-514	バランスウエイト		BALANCE WEIGHT	2
05-0754-518	0リング		0-RING	1
05-0854-519	ボールベアリング		BALL BEARING	1
05-0954-521	止め輪		RING	1
05-1054-522	ボールベアリング		BALL BEARING	1
05-1154-523	ボールベアリング		BALL BEARING	1
05-1254-524	波板金		WAVE WASHER	1
05-1354-527	冷却ファン		COOLING FAN	1
05-1454-528	プーリー		MACHINE PULLEY	1
05-1554-579	六角穴付ボルト		BOLT	1
05-1654-580	パネ壓金		WASHER	1
05-1754-785	クランクシャフト (S. H)		CRANKSHAFT	1
05-1854-786	バランスウエイト		BALANCE WEIGHT	1
05-1954-787	壓金		WASHER	1
05-2054-788	平小ネジ M4 x 5. 5 L		SCREW	1
05-2154-865	ウォーム		WORM	1
05-2254-918	六角穴付止めネジ M6 x 6 L		SCREW	2
05-2354-954	油封カラー		SEAL COLLAR	1
05-2454-955	フレンジ		FLANGE	1
05-2554-956	オイルシール		OIL SEAL	1
05-2656-563	上送り前後エキセン		UPPER FEED ECCENTRIC	1
05-2756-564	壓金		WASHER	1

6. 針棒機構 NEEDLE BAR MECHANISM



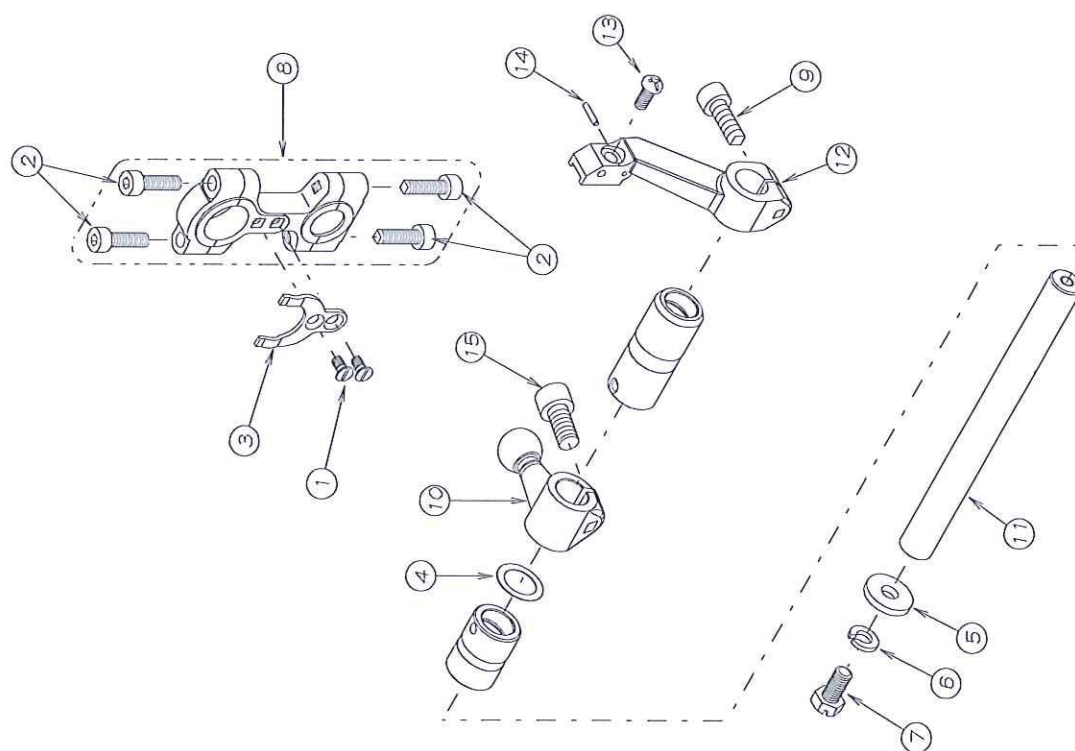
REF. NO.	PART NO.	品名	DESCRIPTION	QTY
06-01	154-147	六角穴止めネジ トガリ	SCREW	1
06-02	154-182	ネジ	SCREW	1
06-03	154-193	フェルト	FELT	2
06-04	154-195	六角穴付ボルト	BOLT	1
06-05	154-349	針棒クランクレバー	NEEDLE CRANK LEVER	2
06-06	154-353	スラストワッシャー	WASHER	1
06-07	154-354	E形止め輪	E-RING	1
06-08	154-355	オリング	O-RING	1
06-09	154-358	フェルト	FELT	1
06-10	154-484	六角穴付き止めネジ	SCREW	1
06-11	154-489	フランジ付六角ボルト	BOLT	1
06-12	154-757	針棒クランクロッド	NEEDLE CRANK ROD	1
06-13	154-7580-1	針棒クランクロッドセット	ROD ASSY	1
06-14	154-790	針棒駆動軸	SHAFT	1
06-15	154-896	カラー	COLLAR	1
06-16	154-966	針棒オイルシール	OIL SEAL	1
06-17	154-968	針棒ブッシュ	BUSHING	1
06-18	154-9690-1	針棒ワッシャー (組)	NEEDLE BAR ASS'Y	1
06-19	156-044	ゴム栓	PLUG	1
06-20	156-179	針棒	NEEDLE BAR	1
06-21	156-185	針棒レバー	NEEDLE DRIVE LEVER	1
06-22	156-186	平ネジ M3x4 L	SCREW M3x4 L	2
06-23	156-187	リンク	LINK	1
06-24	156-188	段付ピン	PIN	2
06-25	156-189	リンクピン	LINK PIN	1
06-26	156-293	ピン	PIN	1
06-27	156-294	六角穴付き止めネジ M4x6 L	SCREW M4x6 L	1
06-28	156-295	六角穴付ネジ M6x0.75x12 L	SCREW M6x0.75x12 L	1

7. 上ルーパー機構 UPPER LOOPER MECHANISM



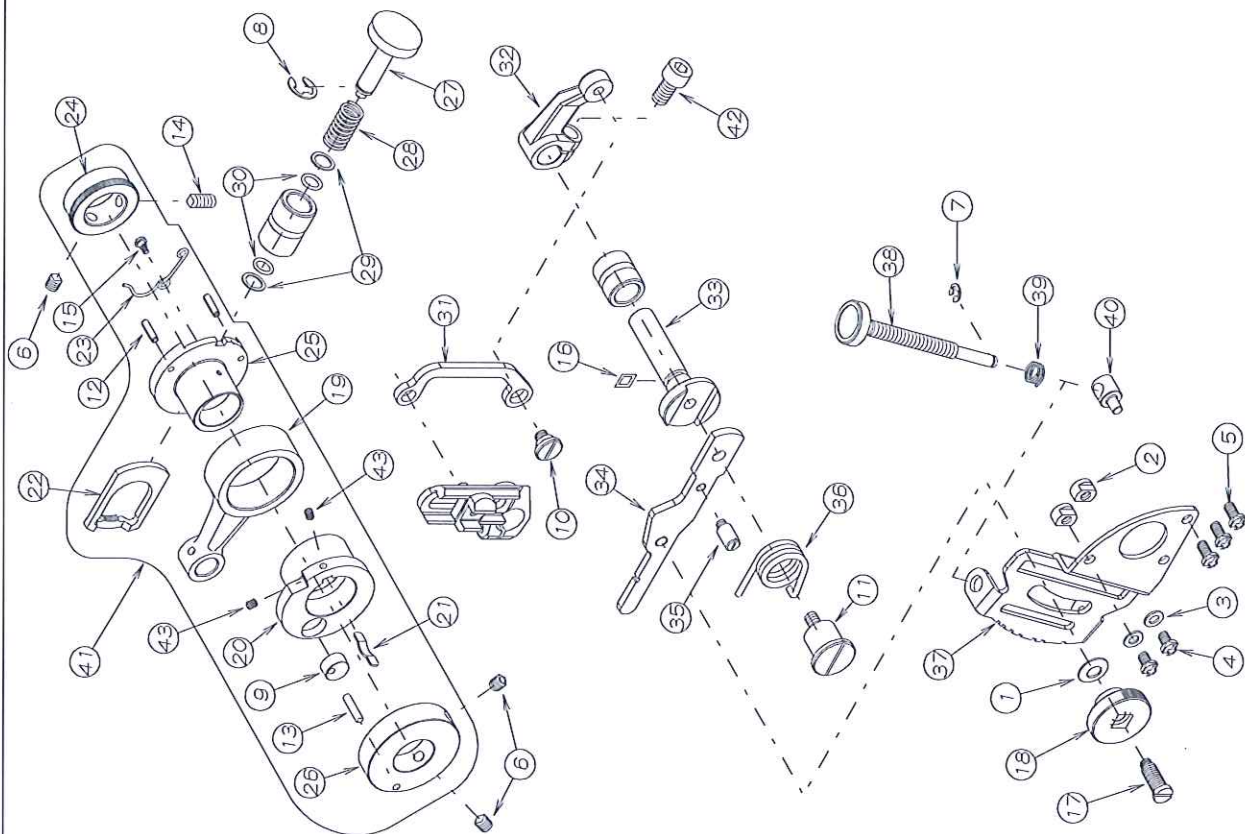
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
07-01	54-119	スリッパ内皿小ネジM3x6L	SCREW M3x6L	2
07-02	54-195	六角穴付きボルト	BOLT	4
07-03	54-147	六角穴付き止めネジ	SCREW	1
07-04	54-193	フェルト	FELT	1
07-05	54-392	緩ネジ	SCREW	1
07-06	54-397	ロッド振れ止め	GUIDE	1
07-07	54-399	ガイドプレート	GUIDE PLATE	1
07-08	54-401	フェルト	FELT	2
07-09	54-402	ゴム栓	PLUG	1
07-10	54-404	上ルーパー案内玉	UPPER LOOPER HOLDER GUIDE	1
07-11	54-405	上ルーパー振りレバー	LEVER	1
07-12	54-410	上ルーパーロッド玉 (H)	CRANK (H)	1
07-13	54-411	フェルト	FELT	1
07-14	54-431	Oリング	O-RING	1
07-15	54-486	平小ネジ	SCREW	1
07-16	54-489	フランジ付き六角ボルト	BOLT	1
07-17	54-491	六角穴付きボルト	SCREW	2
07-18	54-492	皿ネジ	SCREW	1
07-19	54-493	平小ネジ	SCREW	1
07-20	54-5990-1	上ルーパークラックロッドセット	ROD ASSY	1
07-21	54-793	上ルーパー軸	SHAFT	1
07-22	54-794	カラー	COLLAR	1
07-23	54-795	六角穴付きボルト M4x9L	BOLT	1
07-24	54-796	上ルーパー台	UPPER LOOPER HOLDER	1
07-25	54-797	上ルーパー案内土台	UPPER LOOPER BRACKET	1
07-26	54-798	上ルーパー案内土台用カバー	COVER	1
07-27	54-7990-1	上ルーパー台セット	UPPER LOOPER GUIDE ASSY	1
07-28	54-908	垫金	WASHER	1
07-29	56-127	上ルーパー台調整ピン	PIN	1
07-30	56-295	六角穴付きボルトM6x0.75x12L	SCREW M6x0.75x12L	1

8. フルーパー機構 LOWER LOOPER MECHANISM



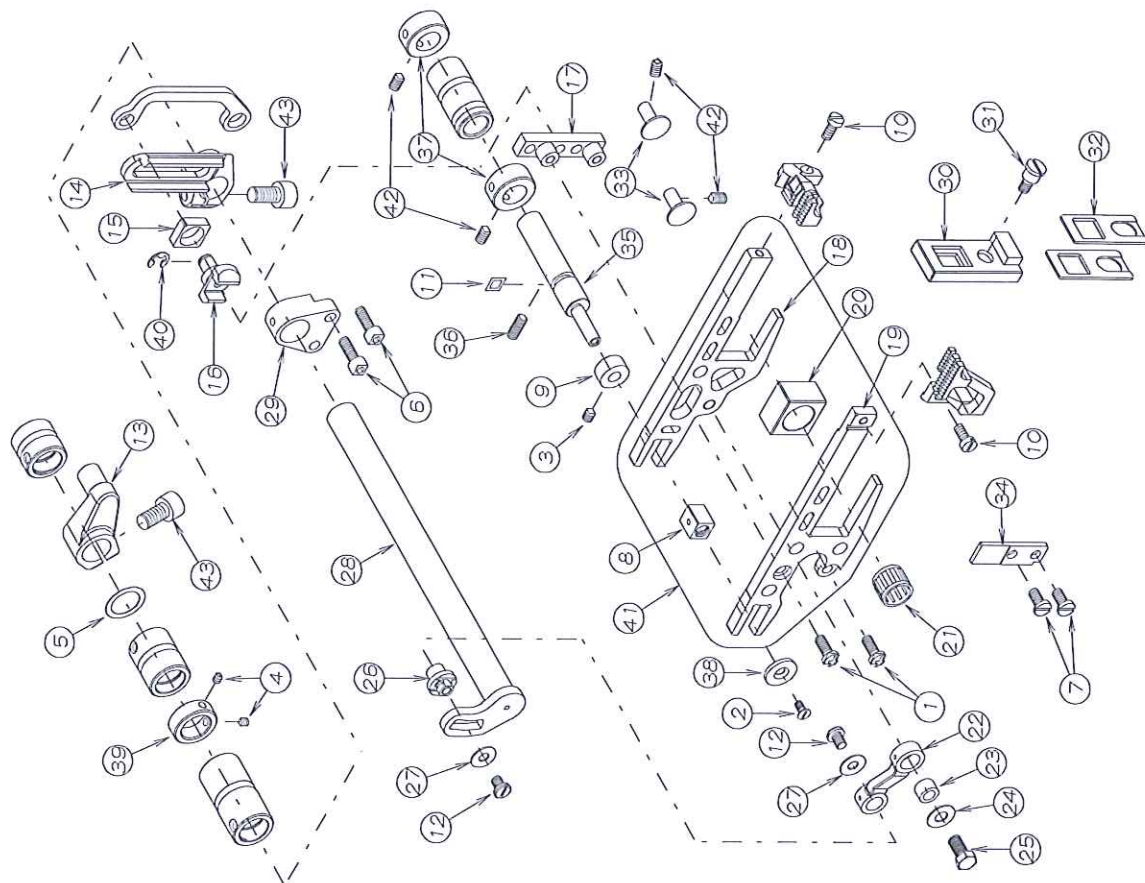
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
08-01	54-119	スリワリ付皿ハネジ M3x6L	SCREW M3x6L	2
08-02	54-195	六角穴付ネジ M3x6L	BOLT	4
08-03	54-397	ロッド止め	GUIDE	1
08-04	54-478	スラストワッシャー	WASHER	1
08-05	54-480	平座金	WASHER	1
08-06	54-481	スプリングワッシャー	SPRING WASHER	1
08-07	54-485	六角ボルト	SCREW	1
08-08	54-5990-1	上フルーパークラックロッドセット	ROD ASSY	1
08-09	54-652	六角穴付ボルト	SCREW	1
08-10	54-800	フルーパーロッド玉	CRANK	1
08-11	54-801	フルーパー軸	SHAFT	1
08-12	54-802	フルーパー台	LOWER LOOPER HOLDER	1
08-13	54-803	ブラマインハネジ M3.5	SCREW	1
08-14	54-886	平ワッシャー	PIN	1
08-15	56-295	六角穴付ネジ M6x0.75x12L	SCREW M6x0.75x12L	1

9. 送り機構 (1) FEED MECHANISM (1)



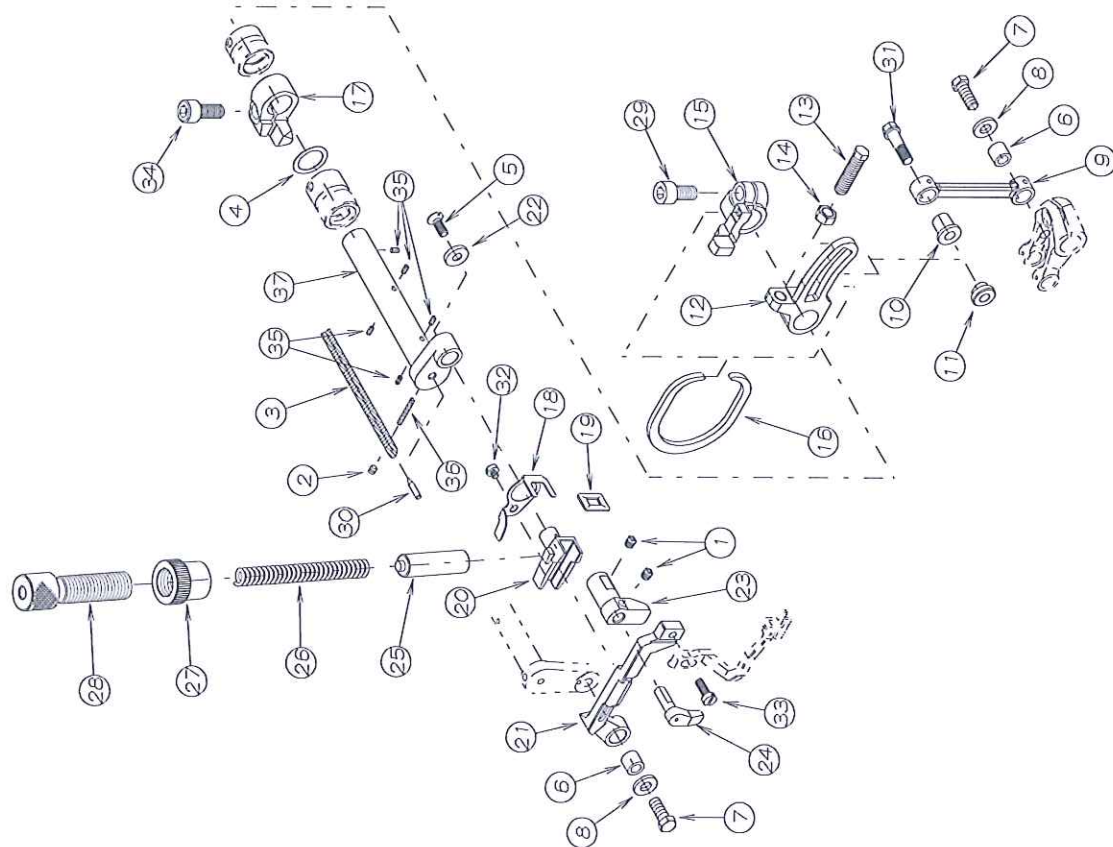
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
09-01	54-060	皿ハネ	SPRING	1
09-02	54-063	ストップ -	STOPPER	2
09-03	54-078	ワッシャ	WASHER	2
09-04	54-112	ブラマイナボルトM4x6L	SCREW M4x6L	2
09-05	54-113	ブラマイナボルトM4x8L	SCREW M4x8L	3
09-06	54-123	六角穴付止めネジM5x5L	SCREW M5x5L	3
09-07	54-168	Eリング	E-RING	1
09-08	54-170	E型止め輪	E-RING	1
09-09	54-535	送りエキセン案内	GUIDE/FEED ECCENTRIC	1
09-10	54-542	段ネジ	SCREW	1
09-11	54-545	段ネジ	SCREW	1
09-12	54-549	スプリングピン	SPRING PIN	2
09-13	54-550	平打ピン	PIN	1
09-14	54-590	六角穴付止めネジ	SCREW	1
09-15	54-596	段ネジ	SCREW	1
09-16	54-597	Oリング	O-RING	1
09-17	54-639	段ネジ	SCREW	1
09-18	54-640	ナット	NUT	1
09-19	54-804	送りロッド	CONNECTING ROD	1
09-20	54-805	送りエキセン	ECCENTRIC	1
09-21	54-806	板ハネ	SPRING	1
09-22	54-807	ラチェット	RATCHET	1
09-23	54-808	ネジリハネ	RATCHET	1
09-24	54-809	ラチェット	RATCHET	1
09-25	54-810	送り調整エキセン	ECCENTRIC	1
09-26	54-811	送り調整台	COLLAR	1
09-27	54-812	プッシュボタン	PUSH BUTTON	1
09-28	54-813	圧縮ハネ	SPRING	1
09-29	54-814	板金	WASHER	2
09-30	54-815	Oリング	O-RING	2
09-31	54-842	変動連結リンク	LINK	1
09-32	54-843	変動連結レバー	LEVER	1
09-33	54-844	変動レバー軸	SHAFT	1
09-34	54-845	変動レバー	LEVER	1
09-35	54-846	ピンネジ	PIN	1
09-36	54-847	差込ハネ	SPRING	1
09-37	54-848	調整板	BRACKET	1
09-38	54-893	調整棒	ADJUSTING BAR	1
09-39	54-894	圧縮ハネ	SPRING	1
09-40	54-895	段付ピン	PIN	1
09-41	54-9230-1	送りエキセンセット	FEED ECCENTRIC ASSY	1
09-42	56-295	六角穴付ボルトM6x0.75x12L	SCREW M6x0.75x12L	1
09-43	56-297	六角穴付止めネジ M3	SCREW M3	2

10. 送り機構 (2) FEED MECHANISM (2)



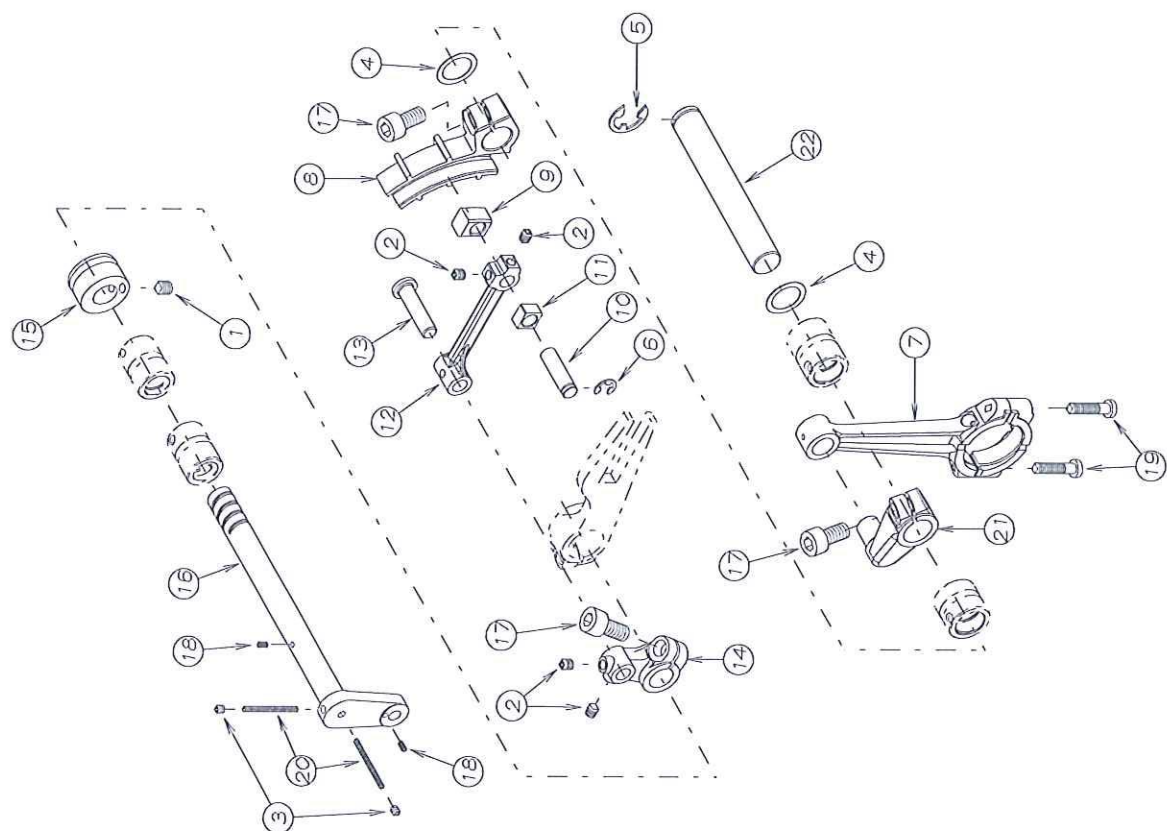
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
10-01	54-114	ブラマイナベネジ M4x10L	SCREW M4x10L	2
10-02	54-119	スリワリ付皿小ネジ M3x6L	SCREW M3x6L	1
10-03	54-133	ネジ	SCREW	1
10-04	54-182	ネジ	SCREW	2
10-05	54-353	スラストワッシャー	WASHER	1
10-06	54-500	六角穴付きホルト	SCREW	2
10-07	54-502	平小ネジ	SCREW	2
10-08	54-564	角駒	BLOCK	1
10-09	54-565	カラー	COLLAR	1
10-10	54-574	平小ネジ	SCREW	2
10-11	54-597	Oリング	O-RING	1
10-12	54-788	平小ネジ M4x5.5L	SCREW	2
10-13	54-816	送りクランク	CRANK	1
10-14	54-817	送り台レバー	LEVER	1
10-15	54-818	角ゴマ	BLOCK	1
10-16	54-819	送動調節スライド	SLIDER	1
10-17	54-820	送動調節案内	GUIDE	1
10-18	54-821	主送り台	MAIN FEED BAR	1
10-19	54-822	送動送り台	DIFFERENTIAL FEED BAR	1
10-20	54-823	送り台角ゴマ	BLOCK	1
10-21	54-824	ニードルワッシャー	NEEDLE BEARING	1
10-22	54-825	主送りリンク	LINK	1
10-23	54-826	リンクピン	LINK PIN	1
10-24	54-827	度金	WASHER	1
10-25	54-828	六角ボルト	BOLT	1
10-26	54-829	段付ピン	PIN	1
10-27	54-830	度金	WASHER	2
10-28	54-831	主送り軸	SHAFT	1
10-29	54-832	軸受け	BLOCK	1
10-30	54-833	送り台シールカバー	SEAL COVER	1
10-31	54-834	段ネジ	SCREW	1
10-32	54-835	送り台シール	OIL SEAL	2
10-33	54-836	送り台案内	GUIDE	2
10-34	54-837	送り台ガイド	GUIDE	1
10-35	54-838	送り台調節ピン	PIN	1
10-36	54-839	六角穴付きネジ M4x10L	SCREW	1
10-37	54-840	カラー	COLLAR	2
10-38	54-841	度金	WASHER	1
10-39	54-896	カラー	COLLAR	1
10-40	54-921	E型止め輪 4	E-RING	1
10-41	54-9240-1	送り台 (組)	FEED BAR ASSY	1
10-42	56-294	六角穴付き止めネジ M4x6L	SCREW M4x6L	4
10-43	56-295	六角穴付きネジ M6x0.75x12L	SCREW M6x0.75x12L	2

11. 上送り機構 (1) UPPER FEED MECHANISM (1)



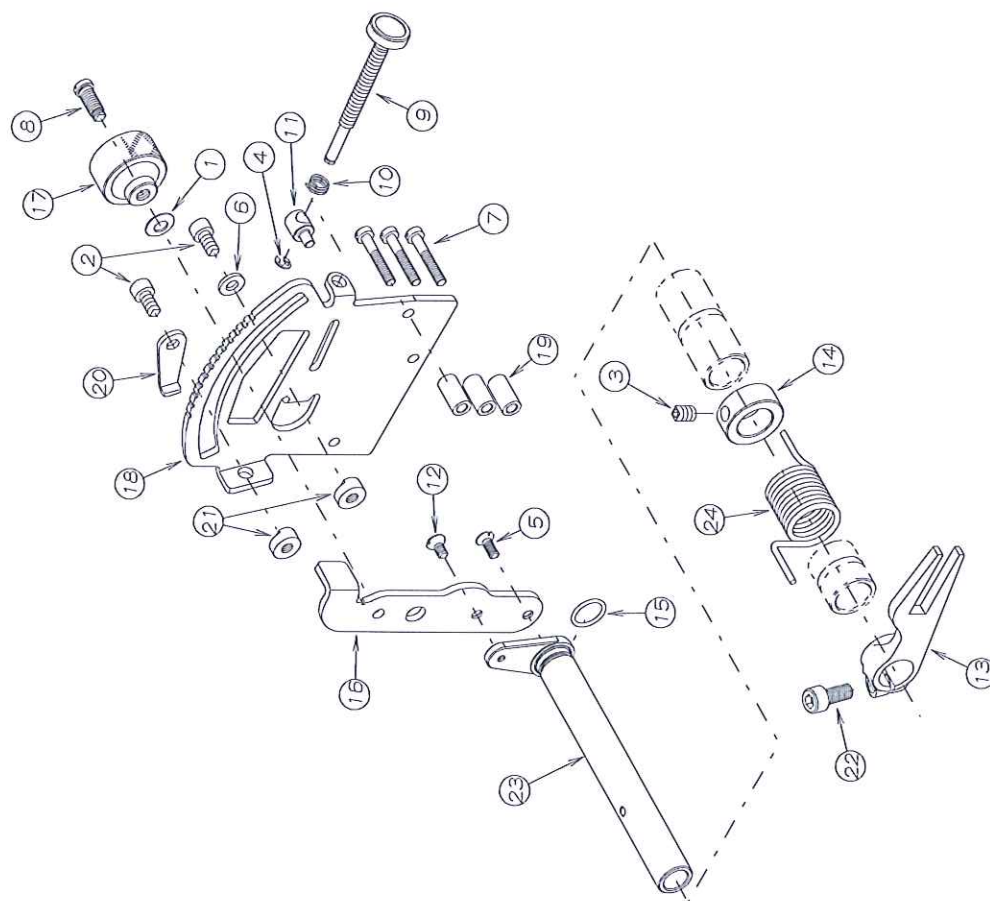
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
11-01	54-133	ネジ	SCREW	2
11-02	54-182	ネジ	SCREW	1
11-03	54-193	フェルト	FELT	1
11-04	54-353	スラストワッシャ	WASHER	1
11-05	54-532	スリフリ付皿ネジ	SCREW	1
11-06	54-566	全送りリンクピン	LINK PIN	2
11-07	54-575	六角ボルト	SCREW	2
11-08	54-576	ワッシャ	WASHER	2
11-09	56-022	リンク	LINK	1
11-10	56-023	ブッシュ	BUSHING	1
11-11	56-024	ナット	NUT	1
11-12	56-025	クランク	CRANK	1
11-13	56-026	六角ボルト	BOLT	1
11-14	56-027	六角ナット	NUT	1
11-15	56-028	カラー	COLLAR	1
11-16	56-029	板ハネ	SPRING	1
11-17	56-030	カラー	COLLAR	1
11-18	56-037	油切り案内	GUIDE	1
11-19	56-038	油切り	OIL SEAL	1
11-20	56-039	上送り台ガイド	UPPER FEED BAR GUIDE	1
11-21	56-040	上送り台	UPPER FEED BAR	1
11-22	56-045	板金	WASHER	1
11-23	56-046	上送り台案内	UPPER FEED BAR GUIDE	1
11-24	56-047	上送り台案内	UPPER FEED BAR GUIDE	1
11-25	56-048	押工棒	PRESSER BAR	1
11-26	56-049	圧縮ハネ	SPRING	1
11-27	56-050	ナット	NUT	1
11-28	56-059	調整ネジ	SCREW	1
11-29	56-295	六角穴付ボルト M6x0.75x12L	SCREW M6x0.75x12L	1
11-30	56-321	ピン	PIN	1
11-31	56-322	六角ボルト M5	BOLT	1
11-32	56-323	平小ネジ M3x3L	SCREW	1
11-33	56-332	平小ネジ M3.5x9L	SCREW	1
11-34	56-333	六角穴付ボルト M6x14L	BOLT	1
11-35	56-390	樹脂加工フェルト	FELT	5
11-36	56-397	樹脂加工フェルト	FELT	1
11-37	56-562	クランク軸	SHAFT	1

12. 上送り機構 (2) UPPER FEED MECHANISM (2)



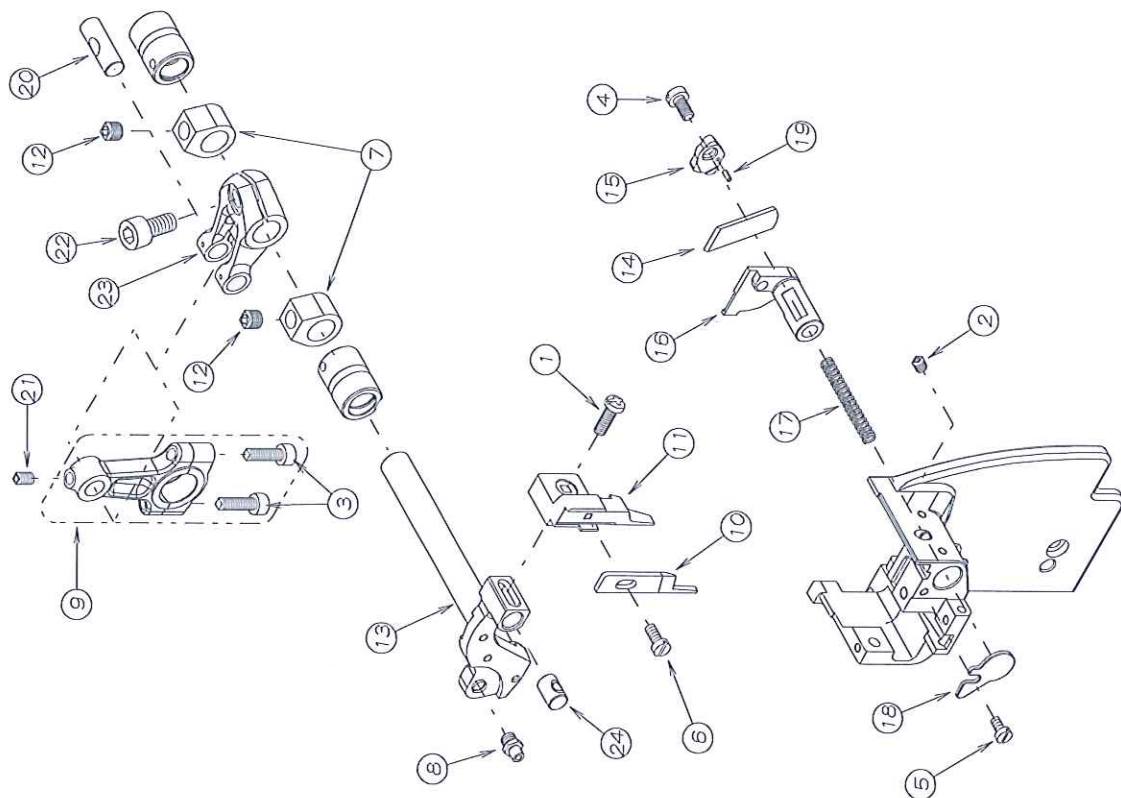
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
12-01	54-123	六角穴付止めネジ M5 x 5 L	SCREW M5 x 5 L	1
12-02	54-133	ネジ	SCREW	4
12-03	54-182	ネジ	SCREW	2
12-04	54-353	スラストワッシャー	WASHER	2
12-05	54-354	E 形止め輪	E-RING	1
12-06	54-921	E 型止め輪 4	E-RING	1
12-07	56-098	上送りロッド	UPPER FEED ROD	1
12-08	56-113	クランクレバー	CRANK LEVER	1
12-09	56-114	角駒	BLOCK	1
12-10	56-115	平行ピン	PIN	1
12-11	56-116	角駒	BLOCK	1
12-12	56-124	リンク	LINK	1
12-13	56-133	ピン	PIN	1
12-14	56-135	クランク	CRANK	1
12-15	56-136	カラー	COLLAR	1
12-16	56-137	クランク軸	SHAFT	1
12-17	56-295	六角穴付止めネジ M6 x 0.75 x 12 L	SCREW M6 x 0.75 x 12 L	3
12-18	56-390	樹脂加工フェルト	FELT	2
12-19	56-398	ブラマインベ小ネジ M4 x 18 L	SCREW	2
12-20	56-399	樹脂加工フェルト	FELT	2
12-21	56-565	クランク	CRANK	1
12-22	56-566	軸	SHAFT	1

13. 上送り機構 (3) UPPER FEED MECHANISM (3)



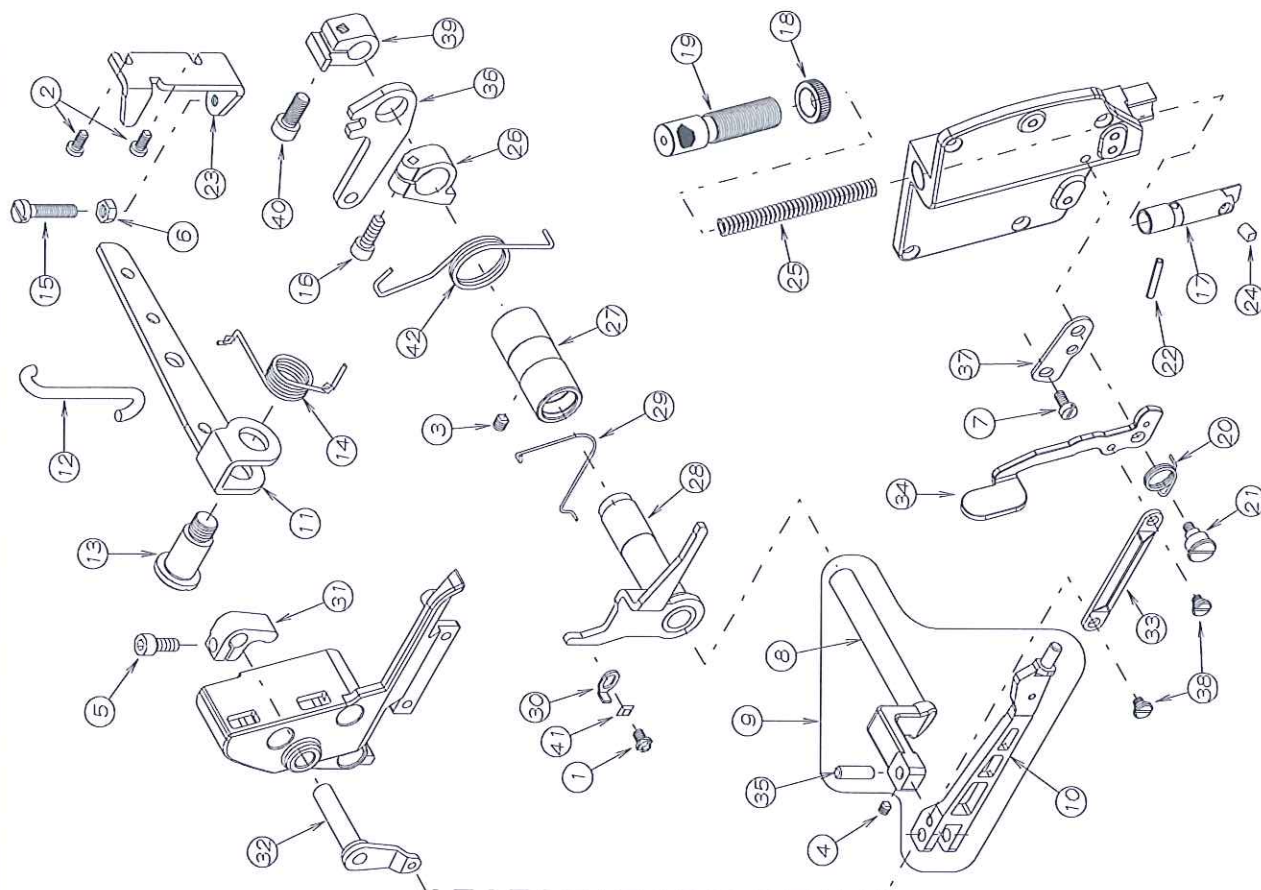
REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
13-01	154-060	皿ハネ	SPRING	1
13-02	154-143	六角穴付ネジ	BOLT	2
13-03	154-148	六角穴付止めネジ	SCREW	1
13-04	154-168	リング	E-RING	1
13-05	154-532	スリワリ付皿ネジ	SCREW	1
13-06	154-576	ワッシャー	WASHER	1
13-07	154-620	平小ネジ M4 X 2.5 L	SCREW	3
13-08	154-639	段ネジ	SCREW	1
13-09	154-893	調節棒	ADJUSTING BAR	1
13-10	154-894	圧縮バネ	SPRING	1
13-11	154-895	段付ピン	PIN	1
13-12	156-035	スリワリ付皿小ネジ M4	SCREW M4	1
13-13	156-138	レバー	LEVER	1
13-14	156-139	カラー	COLLAR	1
13-15	156-144	リング	O-RING	1
13-16	156-145	レバー	LEVER	1
13-17	156-146	ナット	NUT	1
13-18	156-147	調節板	BRACKET	1
13-19	156-148	スペーサー	SPACER	3
13-20	156-149	ストップバー	STOPPER	1
13-21	156-166	ナット	NUT	2
13-22	156-333	六角穴付ボルト M6 X 14 L	BOLT	1
13-23	156-567	軸	SHAFT	1
13-24	156-568	ネジリハネ	SPRING	1

14. 上下メス機構 KNIFE MECHANISM



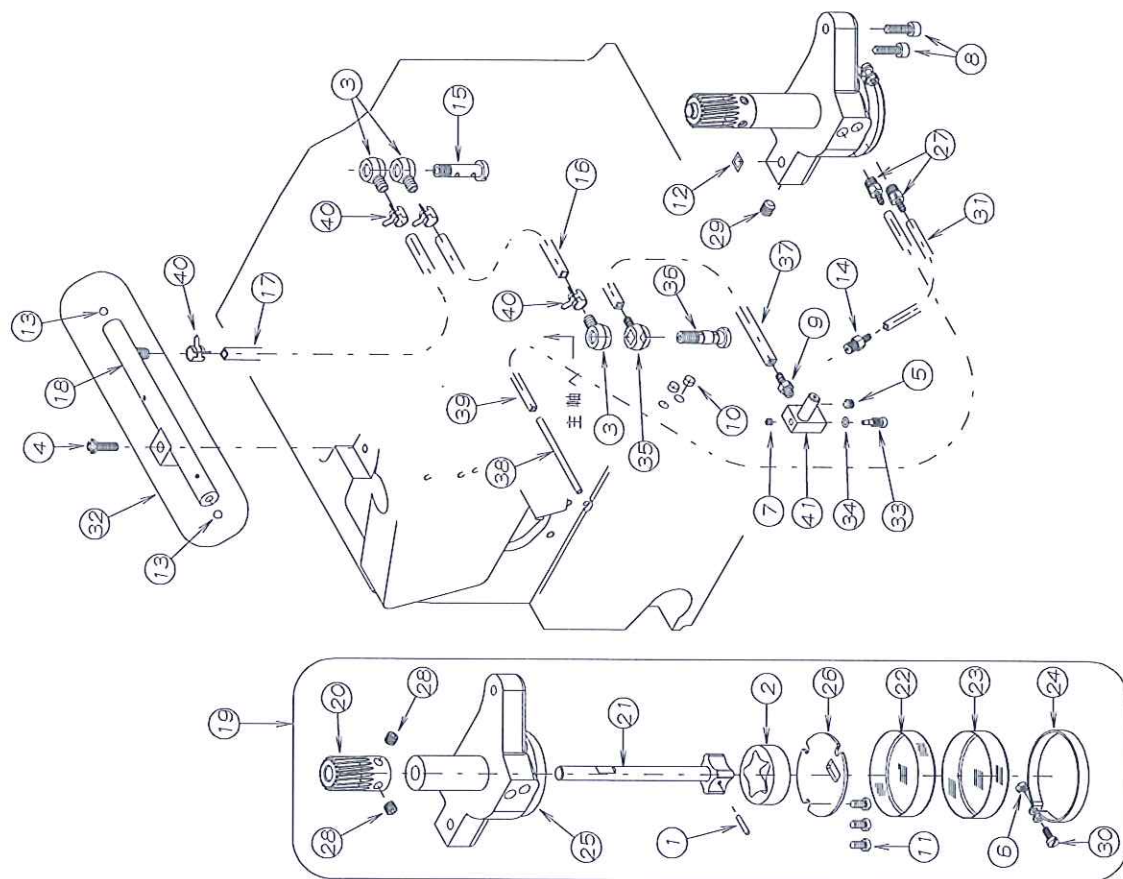
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
14-01	54-121	ブラマイバネシ M4x12L	SCREW M4x12L	1
14-02	54-133	ネジ	SCREW	1
14-03	54-195	六角穴付きボルト	BOLT	2
14-04	54-343	平ハネシ	SCREW	1
14-05	54-573	平ハネシ	SCREW	1
14-06	54-574	平ハネシ	SCREW	1
14-07	54-585	カラー	COLLAR	2
14-08	54-587	ピン付ネジ	SCREW	1
14-09	54-6000-1	上メスクランクロッド・セット	ROD ASSY	1
14-10	54-642	上メス	UPPER KNIFE	1
14-11	54-645	上メスホルダー (オーハ-)	UPPER KNIFE HOLDER (OVER)	1
14-12	54-672	六角穴付き止めねじ	SCREW	2
14-13	54-849	上メス台軸	SHAFT	1
14-14	54-850	上メス	LOWER KNIFE	1
14-15	54-851	上メス押え	LOWER KNIFE CLAMP	1
14-16	54-852	上メス台	LOWER KNIFE HOLDER	1
14-17	54-853	圧縮バネ	SPRING	1
14-18	54-854	上メスハネ受け	PLATE	1
14-19	54-884	スプリングピン	SPRING PIN	1
14-20	56-293	ピン	PIN	1
14-21	56-294	六角穴付き止めネジ M4x6L	SCREW M4x6L	1
14-22	56-295	六角穴付きボルト M6x0.75x12L	SCREW M6x0.75x12L	1
14-23	56-429	上メスクランクレバー	CRANK LEVER (OVER)	1
14-24	56-854	上メスホルダー-固定ピン	PIN	1

15. 押え揚げ機構 PRESSER FOOT MECHANISM



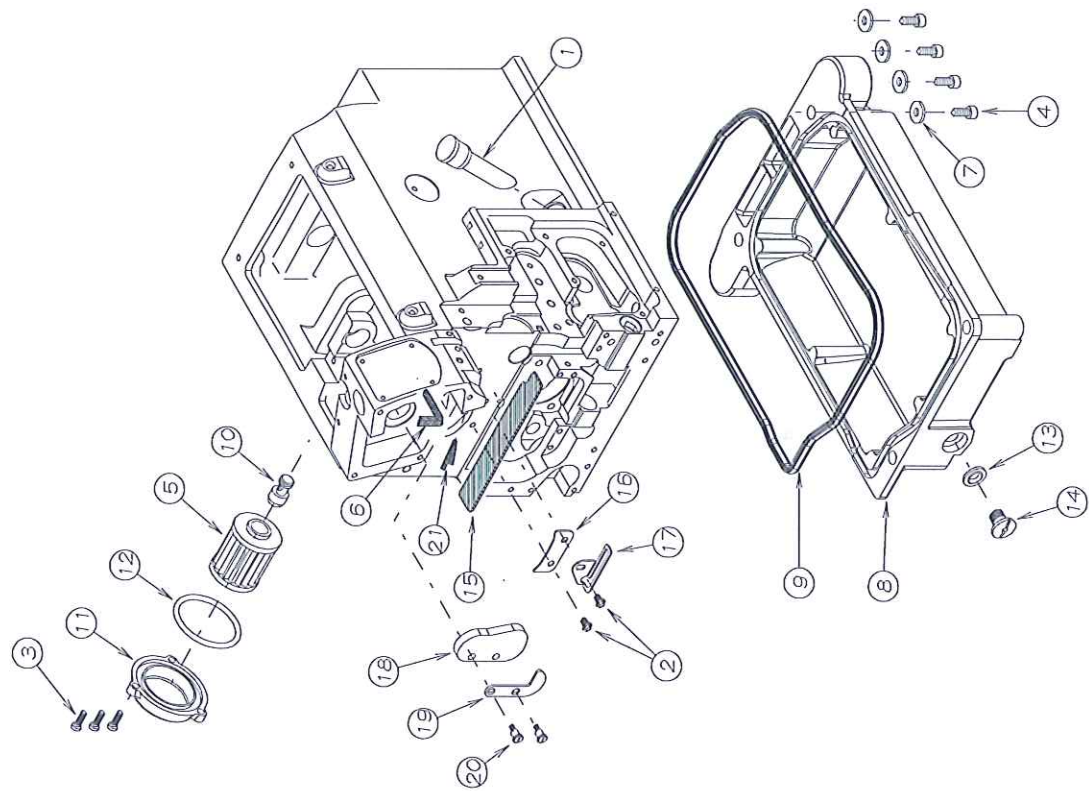
REF. NO.	PART NO.	品名	DESCRIPTION	QTY
15-01	54-112	ブラマイナボルト M4x6L	SCREW M4x6L	1
15-02	54-113	ブラマイナボルト M4x8L	SCREW M4x8L	2
15-03	54-123	六角穴止ねじ M5x5L	SCREW M5x5L	1
15-04	54-133	ネジ	SCREW	1
15-05	54-149	六角穴付ボルト	BOLT	1
15-06	54-160	ナット	NUT	1
15-07	54-343	平小ネジ	SCREW	1
15-08	54-364	押え揚げ軸	SHAFT	1
15-09	54-364 0-1	押え揚げ軸セット	SHAFT SET	1
15-10	54-365	押え揚げ軸	PRESSER ARM	1
15-11	54-377	押え揚げレバー	LEVER	1
15-12	54-380	リンク	LINK	1
15-13	54-381	段付ネジ	SCREW	1
15-14	54-383	巻きバネ	SPRING	1
15-15	54-510	平小ネジ	SCREW	1
15-16	54-652	六角穴付ボルト	SCREW	1
15-17	54-907	押え揚げ	PRESSER BAR	1
15-18	54-910	両ネジナット	NUT	1
15-19	54-911	押え揚げ軸ネジ	ADJUSTING SCREW	1
15-20	54-912	巻きバネ	SPRING	1
15-21	54-913	段付ネジ	SCREW	1
15-22	54-914	スプリングピン	SPRING PIN	1
15-23	54-931	ストッパー	STOPPER	1
15-24	56-014	押え揚げ内ピン	PIN	1
15-25	56-016	押え揚げ	SPRING	1
15-26	56-195	カラー	COLLAR	1
15-27	56-197	ワッシャー	BUSHING	1
15-28	56-198	レバー	LEVER	1
15-29	56-199	線細工バネ	SPRING	1
15-30	56-200	ストッパー	STOPPER	1
15-31	56-232	レバー	LEVER	1
15-32	56-233	レバー	LEVER	1
15-33	56-234	リンク	LINK	1
15-34	56-235	押え揚げレバー	LEVER	1
15-35	56-302	ピン	PIN	1
15-36	56-308	レバー	LEVER	1
15-37	56-324	ストッパー	STOPPER	1
15-38	56-326	段付ネジ	SCREW	2
15-39	56-328	カラー	COLLAR	1
15-40	56-333	六角穴付ボルト M6x14L	BOLT	1
15-41	56-348	皿ばね 4	SPRING	1
15-42	56-570	巻きバネ	SPRING	1

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



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
16-01	54-028	平付ピン	PIN	1
16-02	54-049	アウターローター	OUTER ROTER	1
16-03	54-051	片口継手	JOINT	3
16-04	54-128	フランジナベ小ネジM4X14L	SCREW M4X14L	1
16-05	54-133	ネジ	SCREW	1
16-06	54-158	六角ナット	NUT	1
16-07	54-182	ネジ	SCREW	1
16-08	54-195	六角穴付ボルト	BOLT	2
16-09	54-280	パイプ継手	JOINT SCREW	1
16-10	54-391	フェルト	FELT	2
16-11	54-490	平小ネジ	SCREW	3
16-12	54-597	Oリング	O-RING	1
16-13	54-625	銅線 4	PLUG	2
16-14	54-636	継手	JOINT SCREW	1
16-15	54-866	管継手ボルト (2連)	JOINT SCREW	1
16-16	54-867	ビニールチューブ	TUBE	1
16-17	54-868	ビニールチューブ	TUBE	1
16-18	54-869	油配分器	OIL DISTRIBUTOR	1
16-19	54-8970-1	ポンプ (組)	PUMP ASSY	1
16-20	54-898	ワームホイール	WORM WHEEL	1
16-21	54-899	ローター (内) 輪	ROTOR (INSIDE) SHAFT	1
16-22	54-900	フィルタ (内)	FILTER (INSIDE)	1
16-23	54-901	フィルタ (外)	FILTER (OUTSIDE)	1
16-24	54-902	クランプ	CLAMP	1
16-25	54-904	ポンプハウジング	PUMP BODY	1
16-26	54-905	ポンプ蓋板	PLATE	1
16-27	54-906	継手	JOINT	2
16-28	54-917	六角穴付止ネジ SM7/32	SCREW	2
16-29	54-918	六角穴付止ネジ M6x6L	SCREW	1
16-30	54-919	平小ネジ M3x8L	SCREW	1
16-31	54-922	ビニールチューブ	TUBE	1
16-32	54-9300-1	油配分器 (組)	OIL DISTRIBUTOR ASSY	1
16-33	54-935	油室調整ネジ	ADJUSTING SCREW	1
16-34	54-936	Oリング	O-RING	1
16-35	54-937	片口管継手 (小)	JOINT	1
16-36	54-938	管継手ボルト	JOINT SCREW	1
16-37	54-939	ビニールチューブ	TUBE	1
16-38	56-571	排油管	PIPE	1
16-39	56-573	ビニールチューブ	TUBE	1
16-40	56-817	止め金具	CLAMP	4
16-41	56-970	給油ピン	PIN	1

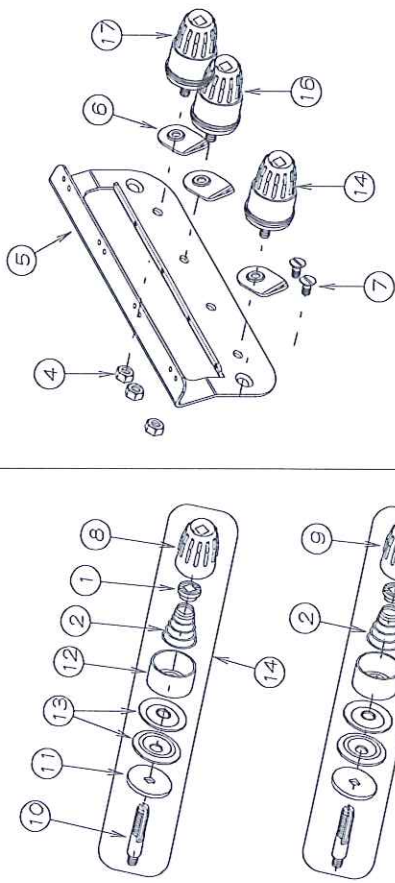
17. 給油機構 (2) LUBRICATION MECHANISM (2)



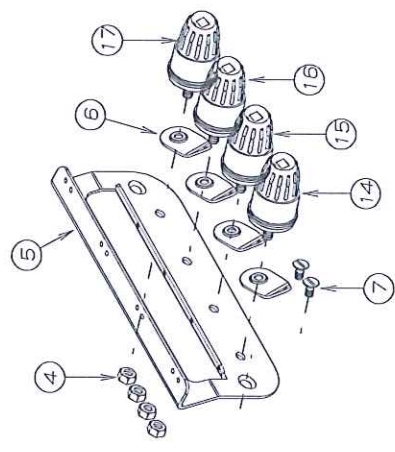
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
17-01	54-011	オイルゲージ	OIL GAUGE	1
17-02	54-112	プラマイナベハネジM4×6L	SCREW M4×6L	2
17-03	54-121	プラマイナベハネジM4×12L	SCREW M4×12L	3
17-04	54-149	六角穴付きボルト	BOLT	4
17-05	54-180	フィルター	OIL FILTER	1
17-06	54-193	フェルト	FELT	1
17-07	54-634	ワッシャー	WASHER	4
17-08	54-863	オイルタンク	OIL TANK	1
17-09	54-864	パッキン	O-RING	1
17-10	54-903	握手	JOINT	1
17-11	54-915	オイルフィルターキャップ	COVER	1
17-12	54-916	リング	O-RING	1
17-13	54-926	シールワッシャー	SEAL WASHER	1
17-14	54-927	ドレンボルト	SCREW	1
17-15	56-238	フェルト	FELT	1
17-16	56-239	カバー	COVER	1
17-17	56-242	当金	PLATE	1
17-18	56-248	フェルト	FELT	1
17-19	56-249	プレート	PLATE	1
17-20	56-276	俊ネジ	SCREW	2
17-21	56-340	モール	OIL WICK	1

18. 糸調子機構 (1) THREAD TENSION (1)

■1本針 (1-needle)
JJT5004
JJT5005

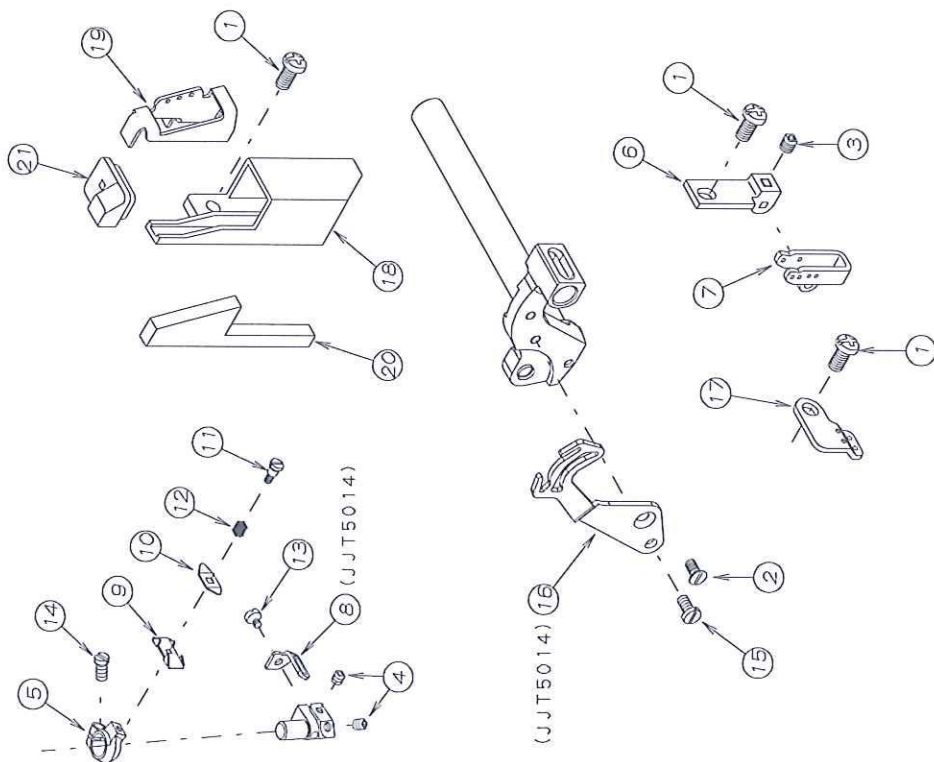


■2本針 (2-needle)
JJT5014



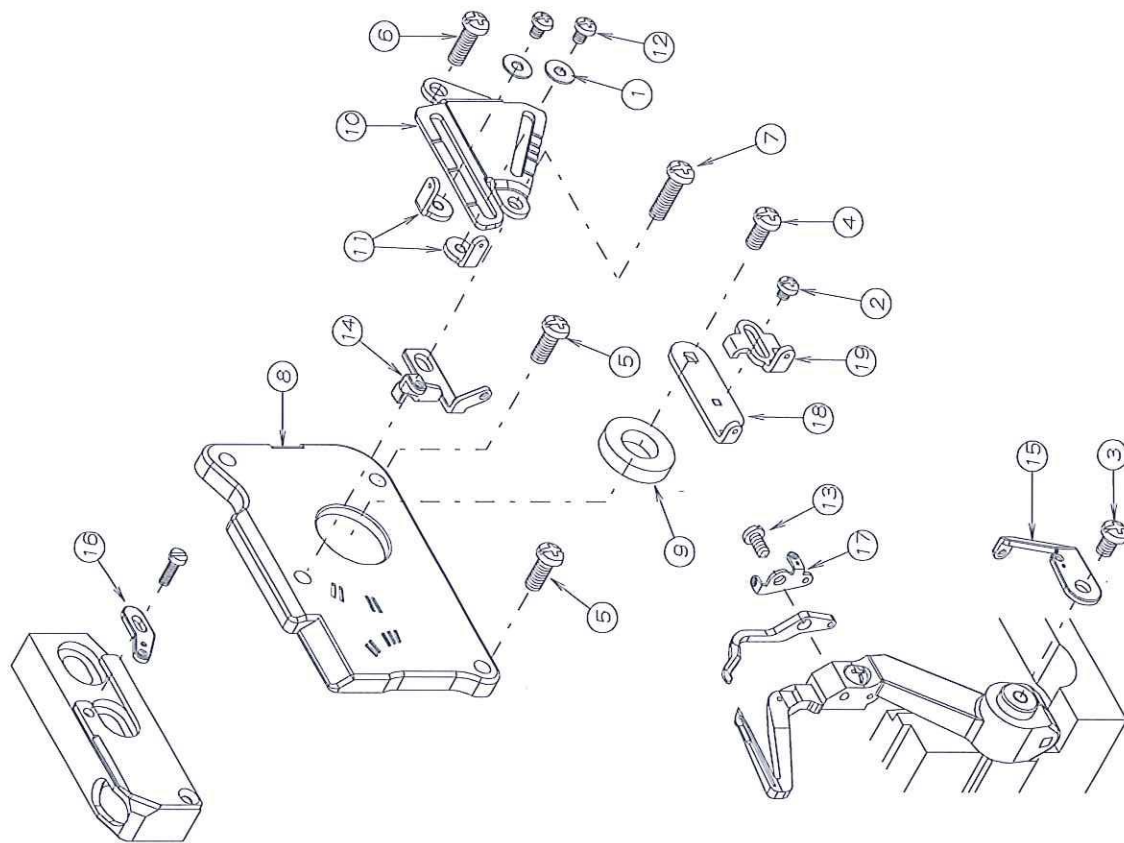
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
18-01	54-053	チャンポン皿ラチェット	SPRING POST	0'1Y
18-02	54-056	チャンポン調子バネ (強)	SPRING (HEAVY)	3~4
18-03	54-057	チャンポン調子バネ (弱)	SPRING (LIGHT)	1~2
18-04	54-160	ナット	NUT	2
18-05	54-440	糸調子台プレート	THREAD GUIDE	3~4
18-06	54-441	糸調子台糸道	THREAD GUIDE	3~4
18-07	56-035	スリフリ付皿小ネジ M4	SCREW M4	2
18-08	56-251	糸調子ダイヤルD	POST NUT (D)	1
18-09	56-252	糸調子ダイヤルC	POST NUT (C)	1
18-10	54-972	糸調子台	SCREW STUD	3~4
18-11	56-268	取付フェルト	FELT	3~4
18-12	54-971	大ケース	CUP	3~4
18-13	56-270	チャンポン皿	TENSION DISC	6~8
18-14	56-2710-1	糸調子セット (A)	TENSION SET (A)	1
18-15	56-2720-1	糸調子セット (B)	TENSION SET (B)	1
18-16	56-2730-1	糸調子セット (C)	TENSION SET (C)	1
18-17	56-2740-1	糸調子セット (D)	TENSION SET (D)	1
18-18	56-378	糸調子ダイヤルB	POST NUT (B)	1
18-19	56-468	糸調子ダイヤルA	POST NUT (A)	1

19. 糸調子機構 (2) THREAD TENSION (2)



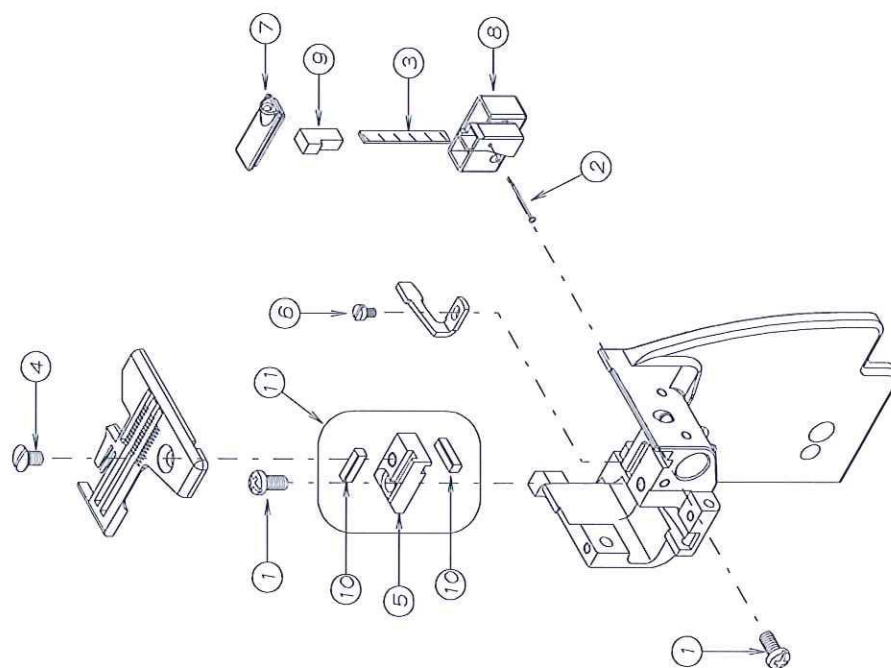
REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
19-01	154-113	ブラマイヤベイトネジM4x8L	SCREW M4x8L	3
19-02	154-119	スリワリ付皿小ネジM3x6L	SCREW M3x6L	1
19-03	154-133	ネジ	SCREW	1
19-04	154-182	ネジ	SCREW	2
19-05	154-351	針棒クランプ台	NEEDLE BAR GUIDE	1
19-06	154-452	上糸糸道ブラケット	BRACKET	1
19-07	154-454	上糸糸道	THREAD EYELET	1
19-08	154-464	針棒糸道	THREAD EYELET	1
19-09	154-473	針棒糸調子皿	THREAD NIPPER	1
19-10	154-474	針棒糸調子板	THREAD NIPPER	1
19-11	154-475	針棒糸調子ネジ	SCREW	1
19-12	154-476	針棒糸調子バネ	SPRING	1
19-13	154-496	平小ネジ	SCREW	1
19-14	154-499	平小ネジ	SCREW	1
19-15	154-501	平小ネジ	SCREW	1
19-16	154-858	針糸調子	NEEDLE THREAD TAKE-UP	1
19-17	156-442	糸道	THREAD EYELET	1
19-18	156-765	上糸シリコンタンク	SILICONE TANK	1
19-19	156-766	上糸フェルト押エ	THREAD GUIDE	1
19-20	156-767	上糸フェルト	FELT	1
19-21	156-768	上糸シリコンタンク蓋	COVER	1

20. 糸調子機構 (3) THREAD TENSION (3)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
20-01	54-069	平座金	WASHER	2
20-02	54-108	プラマイナベ小ネジ M3x3L	SCREW M3x3L	1
20-03	54-112	プラマイナベ小ネジ M4x6L	SCREW M4x6L	1
20-04	54-113	プラマイナベ小ネジ M4x8L	SCREW M4x8L	1
20-05	54-114	プラマイナベ小ネジ M4x10L	SCREW M4x10L	2
20-06	54-121	プラマイナベ小ネジ M4x12L	SCREW M4x12L	1
20-07	54-128	プラマイナベ小ネジ M4x14L	SCREW M4x14L	1
20-08	54-317	上ル-バ-カバー	COVER	1
20-09	54-398	オイルシール	OIL SEAL	1
20-10	54-443	糸道ブラケット	BRACKET	1
20-11	54-444	上ル-バ-糸道	THREAD EYELET	2
20-12	54-494	プラマイナベ小ネジ	SCREW	2
20-13	54-501	平小ネジ	SCREW	1
20-14	54-859	ル-バ-糸道	THREAD EYELET	1
20-15	54-860	フル-バ-天群	THREAD TAKE-UP	1
20-16	54-861	上ル-バ-糸道	THREAD EYELET	1
20-17	54-862	フル-バ-糸道	THREAD EYELET	1
20-18	56-355	上ル-バ-天群	THREAD TAKEUP	1
20-19	56-356	フル-バ-天群 A	THREAD TAKEUP (A)	1

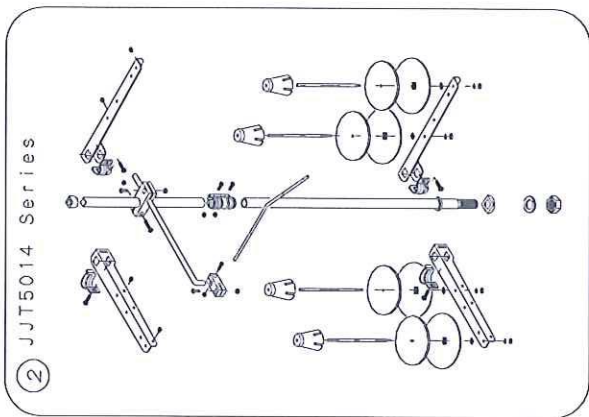
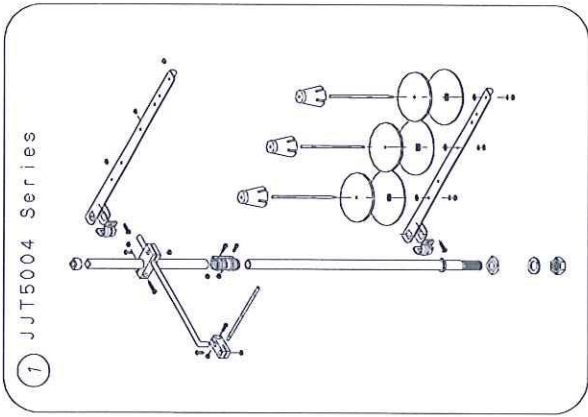
21. 針冷却裝置 H. R DEVICE



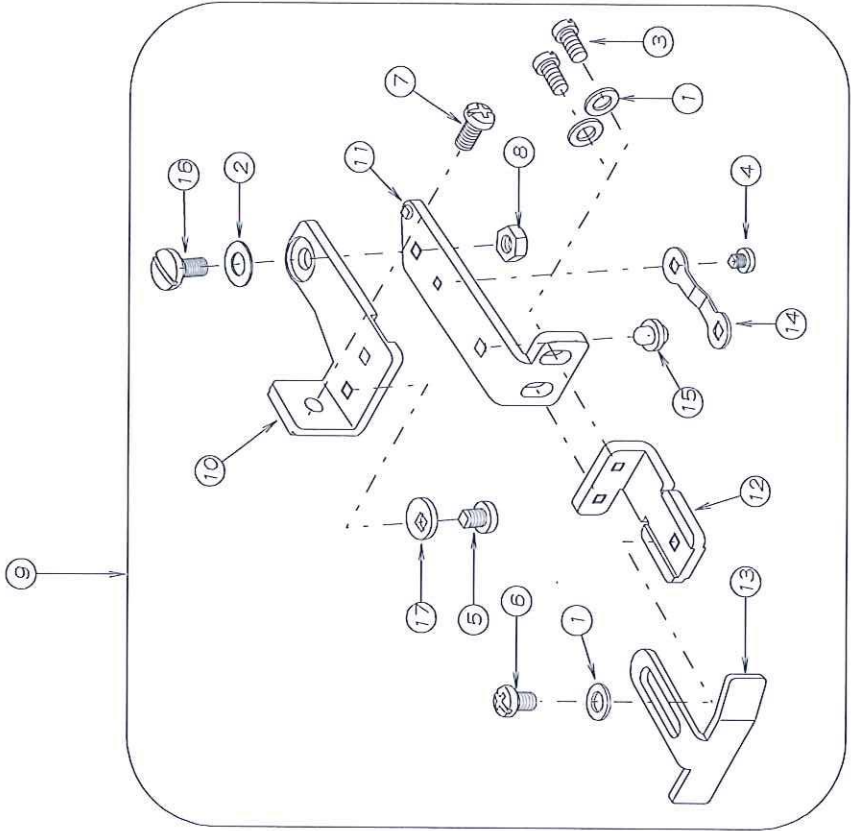
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
21-0154-113		プラマイナベナジM4x8L	SCREW M4x8L	2
21-0254-171		フェルトピン	PIN	1
21-0354-193		フェルト	FELT	1
21-0454-506		すりわり付き丸皿小ねじ	SCREW	1
21-0554-791		針塊士台	BRACKET	1
21-0654-792		平小ネジ M2. 5x4 L	SCREW	1
21-0754-871		シリコンタンク蓋	COVER	1
21-0854-872		針油却器	NEEDLE COOLER	1
21-0954-873		フェルト	FELT	1
21-1054-883		針塊ブロック	BLOCK	2
21-1154-9250-1		針板士台セット	BRACKET ASSY	1

22. 糸立台 THREAD STAND

REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
22-0156-913		3本糸立てセット	THREAD STAND ASSEMBLY (3-SP00LS)	1
22-0256-914		4本糸立てセット	THREAD STAND ASSEMBLY (4-SP00LS)	1

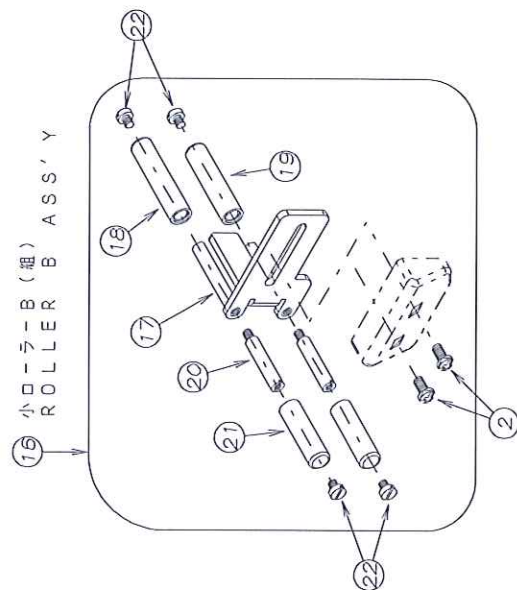
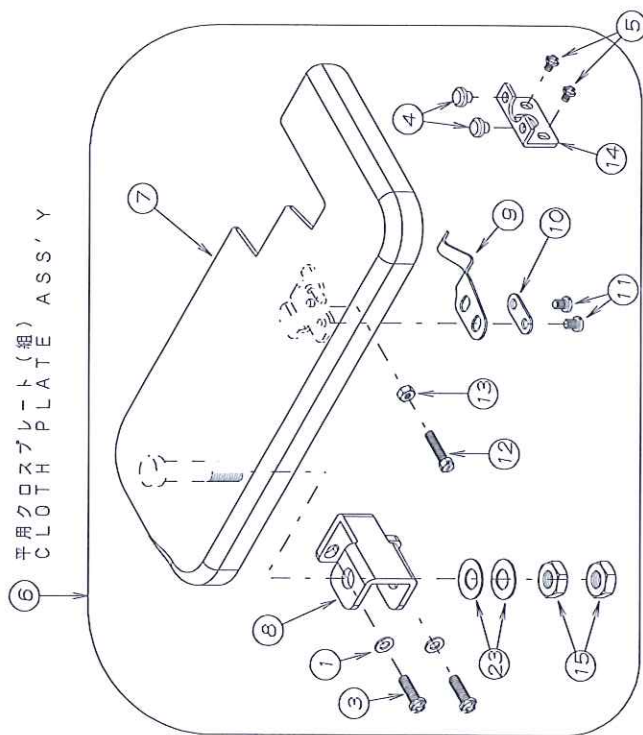


23. 当定規 (オプション) EDGE GUIDE (Option)



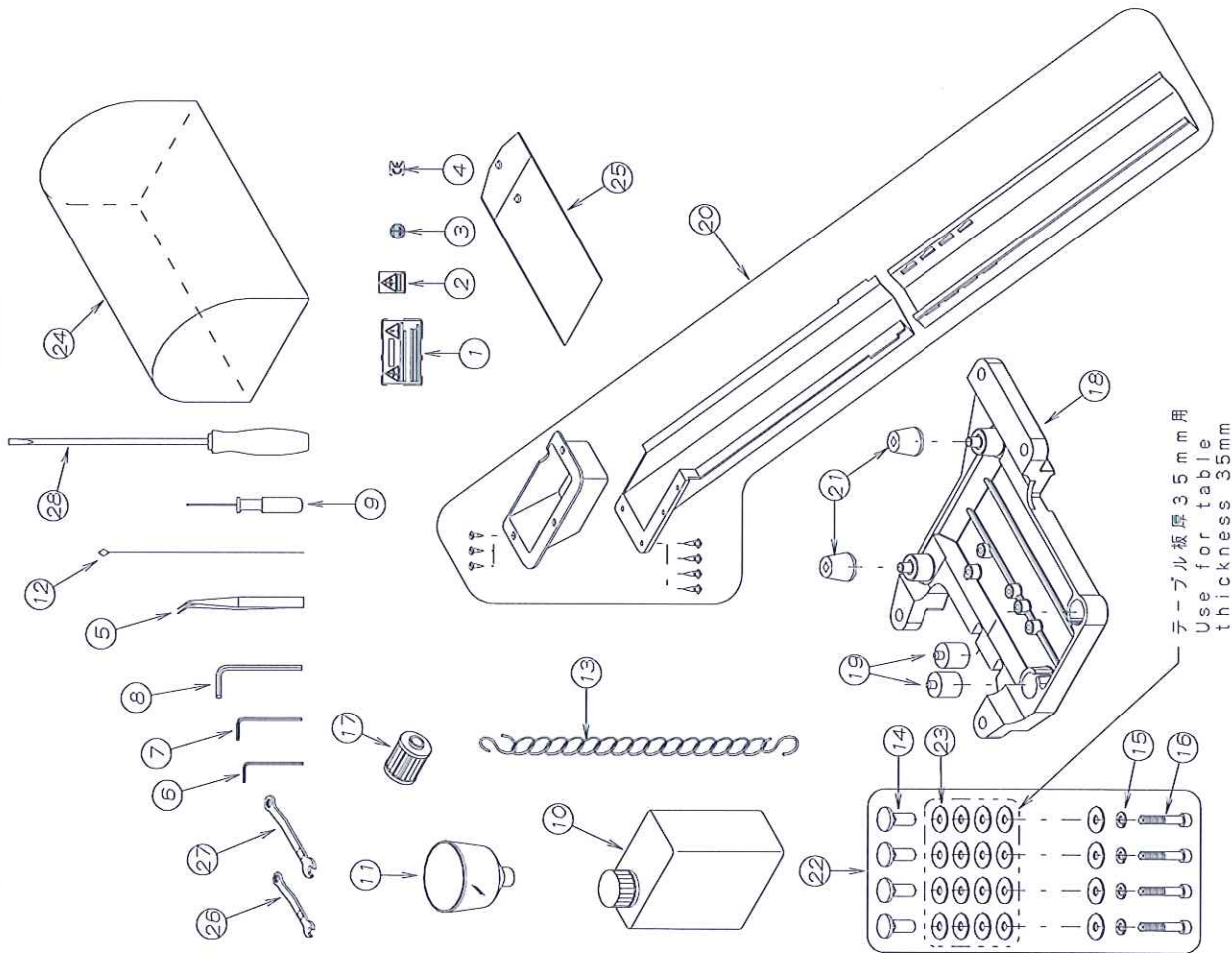
REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
23-01	154-078	ワッシャー	WASHER	3
23-02	154-084	皿ハネ	SPRING	1
23-03	154-096	ネジ	SCREW	2
23-04	154-108	ブラマイナルネジM3x3L	SCREW M3x3L	1
23-05	154-111	ブラマイナルネジM4x5L	SCREW M4x5L	1
23-06	154-112	ブラマイナルネジM4x6L	SCREW M4x6L	1
23-07	154-113	ブラマイナルネジM4x8L	SCREW M4x8L	1
23-08	154-159	ナット	NUT	1
23-09	156-9560-1	クロスガイドセット	CLOTH GUIDE ASSY (OVER)	1
23-10	156-957	クロスガイドブラケット	BRACKET	1
23-11	156-958	ガイドブラケット	BRACKET	1
23-12	156-959	エッジガイドブラケット	BRACKET	1
23-13	156-961	エッジガイド (オーバー)	EDGE GUIDE (OVER)	1
23-14	156-962	皿ハネ	SPRING	1
23-15	156-963	ピン	PIN	1
23-16	156-964	段ネジ	SCREW	1
23-17	156-965	ストッパー	STOPPER	1

24. オプション OPTION



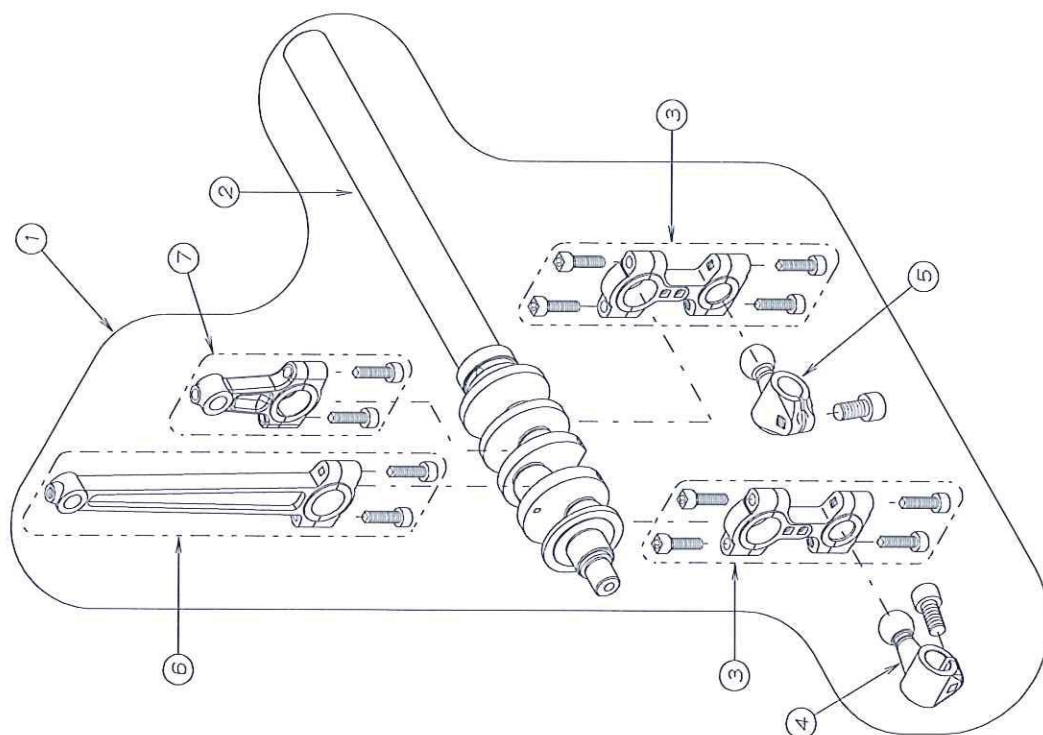
REF.NO.	PART NO.	品 名	DESCRIPTION	Q'TY
24-01	54-078	ワッシャー	WASHER	2
24-02	54-113	平角クロスプレート M4x8L	SCREW M4x8L	2
24-03	54-128	平角クロスプレート M4x14L	SCREW M4x14L	2
24-04	54-359	カークッション	RUBBER	2
24-05	54-494	平角クロスプレート	SCREW	2
24-06	54-9410-1	クロスプレートセット	CLOTH PLATE ASS'Y	1
24-07	54-9420-1	クロスプレート	CLOTH PLATE	1
24-08	54-946	クロスプレート取付台	BRACKET	1
24-09	54-947	スプリング	SPRING	1
24-10	54-948	スプリング	SPRING	1
24-11	54-949	平角クロスプレート M3.5x5L	SCREW	2
24-12	54-950	六角ボルト M3.5x16L	BOLT	1
24-13	54-951	六角ナット M3.5	NUT	1
24-14	54-952	クロスプレート変形	SUPPORT BRACKET	1
24-15	54-953	六角ナット M8	NUT	2
24-16	54-9570-1	小ローラー-B (組)	ROLLER B ASS'Y	1
24-17	54-958	ブラケット	BRACKET	1
24-18	54-959	ローラー	ROLLER L	1
24-19	54-960	ローラー	ROLLER M	1
24-20	54-961	ローラー	SHAFT	2
24-21	54-962	ローラー	ROLLER S	2
24-22	54-963	平角クロスプレート SM1/8	SCREW	4
24-23	56-416	スプリング	SPRING WASHER	2

25. アクセサリー - ACCESSORIES

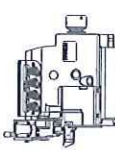












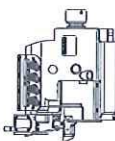





REF. NO.	PART NO.	品名	DESCRIPTION	Q'TY
25-01	54-036	警告ラベル 1	SEAL	1
25-02	54-037	警告ラベル 4	SEAL	1
25-03	54-038	警告ラベル 6	SEAL	1
25-04	54-039	警告ラベル 8	SEAL	1
25-05	54-040	ピンセット	TWEZERS	1
25-06	54-041	六角レンチ 2.5mm	ALLEN KEY (2.5mm)	1
25-07	54-042	六角レンチ 3mm	ALLEN KEY (3mm)	1
25-08	54-043	六角レンチ 5mm	ALLEN KEY (5mm)	1
25-09	54-044	六角レンチ 1.5mm	ALLEN KEY (1.5mm)	1
25-10	54-045	オイル	OIL	1
25-11	54-046	シヨウゴ	OIL FUNNEL	1
25-12	54-047	ガイドスレッド	GUIDE THREAD	1
25-13	54-048	チェーン	CHAIN	1
25-14	54-058	本体取付ナット	NUT	4
25-15	54-070	スプリングワッシャー	SPRING WASHER	4
25-16	54-146	六角穴付ボルト	BOLT	4
25-17	54-180	フィルター	OIL FILTER	1
25-18	54-874	マウントベース	REST BOARD	1
25-19	54-875	クッションゴム	CUSHION RUBBER	2
25-20	56-902	ダスターシート (細)	WASTE CHUTE ASSEMBLY	1
25-21	56-907	クッションゴム	CUSHION RUBBER	2
25-22	56-9100-1	マウントベース止ネジ セット	SCREW SET	1
25-23	56-912	ワッシャー	WASHER	20
25-24	56-951	ダストカバー	DUST COVER	1
25-25	56-952	付属品箱	TOOL BAG	1
25-26	56-953	スパナ (7mm)	WRENCH (7mm)	1
25-27	56-954	スパナ (8mm)	WRENCH (8mm)	1
25-28	56-966	ドライバ	DRIVER (L)	1

①	②	③	④	⑤	⑥	⑦	
主軸セット	クランクシャフト	上下ルーパーロッド	下ルーパーロッド球	上ルーパーロッド球	針棒クランクロッド	上メスクランクロッド	モデル
CRANKSHAFT SET	CRANKSHAFT	LOOPER ROD ASSY	LOWER LOOPER CRANK	UPPER LOOPER CRANK	NEEDLE BAR CRANK ROD	UPPER KNIFE CRANK ROD	MODEL
54-8880-1	54-785	54-5990-1	54-800	54-410	54-7580-1	54-6000-1	JJT5014GH



27. JJT50 ゲージ部品一覧表 JJT50 GAUGE PARTS TABLE

											
マシン形式 MACHINE TYPE /SPEC	ゲージ		針板 NEEDLE PLATE	主送り歯 (組) MAIN FEED DOG ASS'Y	主送り歯 MAIN FEED DOG	補助送り歯 AUXILIARY FEED DOG	差動送り歯 DIFFERENTIAL FEED DOG	上送り歯 UPPER FEED DOG	押え (組) PRESSER FOOT ASS'Y	上ルーパー UPPER LOOPER	下ルーパー LOWER LOOPER
	NG	SW									
JJT5014GH-01M	2	4	57-019	57-0200-1	57-028	57-029	57-030	57-109	57-4900-1	57-404	57-405

																			
マシン形式 MACHINE TYPE /SPEC	ゲージ		針受け		針株 NEEDLE HOLDER	針 NEEDLE													
	GAUGE		NEEDLE GUARD																
	NG	SW	FRONT	REAR															
JJT5014GH-01M	2	4	57-422	57-423	57-532	DCx27 #9													

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INDEX 2

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INSTRUCTION

JJT SERIES

Industrial Sewing Machines

JJT50

First published: July 2017

No.KX17022

KANSAI
SPECIAL®

INTRODUCTION

Thank you for purchasing Kansai Special's JJ series machine.

Please study this instruction manual carefully before operating the machine.

1. This instruction manual describes adjustments and maintenance on this machine.
2. Before operating the machine, check the pulley cover and safety cover, etc.
3. Before adjusting, cleaning, threading the machine or replacing the needles, be sure to turn off the power.
4. Never operate the machine with no oil in the reservoir.
5. Refer to the parts list as well as this instruction manual before the preventive maintenance.
6. The contents described in this instruction manual are subject to change without notice.

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14. STANDARD MEASUREMENT TABLE 22

【1】 INTRODUCTION

1-1 Needles

Standard needles are Schumetz B-27 and Organ DC×27.

Needle numbers vary in each model, so standard needles are highly recommended.

< Needle maker & needle number >

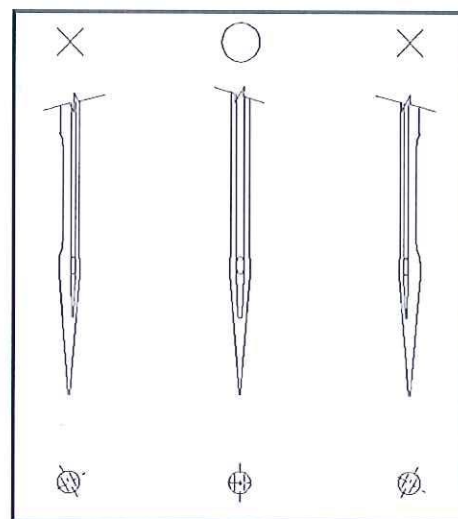
	Schumetz B-27	Organ DC×27
JJT5004GS-01M	Nm65	#9
JJT5005GS-10M	Nm65	#9
JJT5014GH-01M	Nm65	#9

1-2 Needle replacement

When replacing needles, make sure that needle scarf faces backward from the operator's view point. Refer to the illustration on the right.

< Note >

When replacing needles, be sure to turn off the machine. Regarding clutch motors, keep stepping on the pedal until the machine comes to a halt completely.



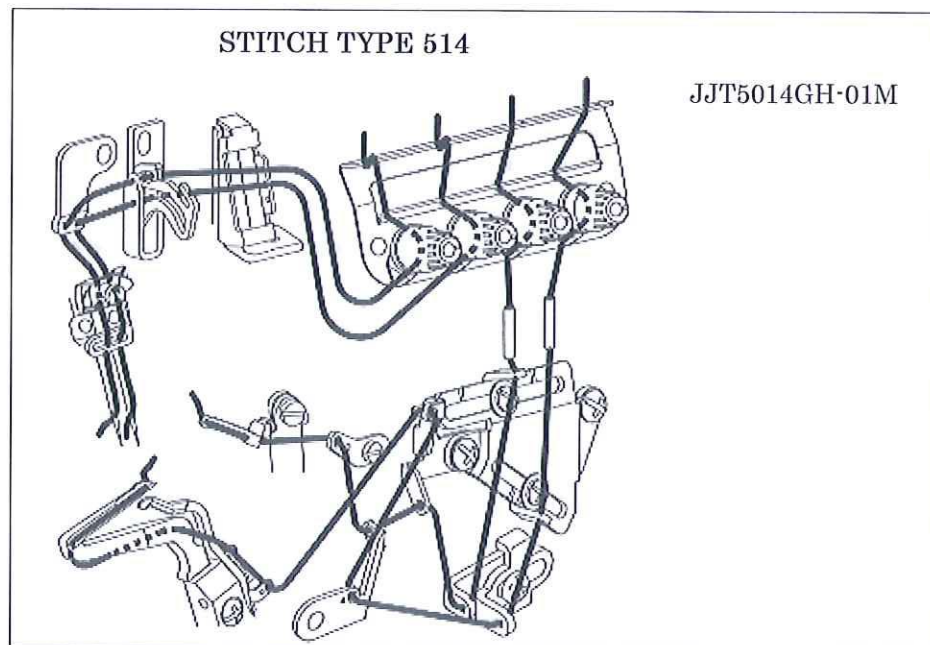
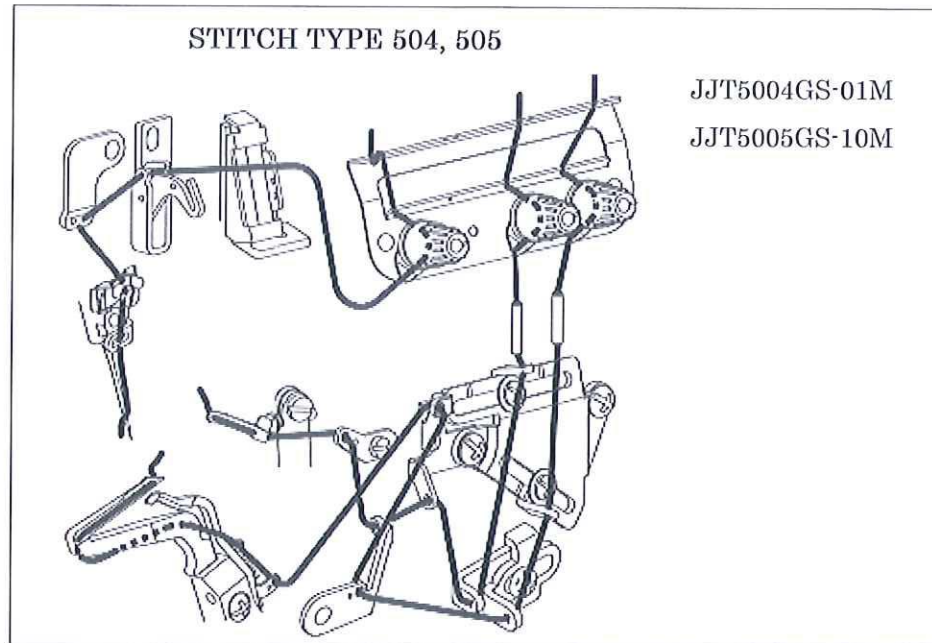
1-3 Correct threading the machine

Thread the machine correctly by referring to the illustrations below.

Incorrect threading causes skipped stitch, thread breakage, and uneven stitch formation.

Correct threading is dependant upon the number of threads, thread material and so on.

Turn to the page 10 for further information.



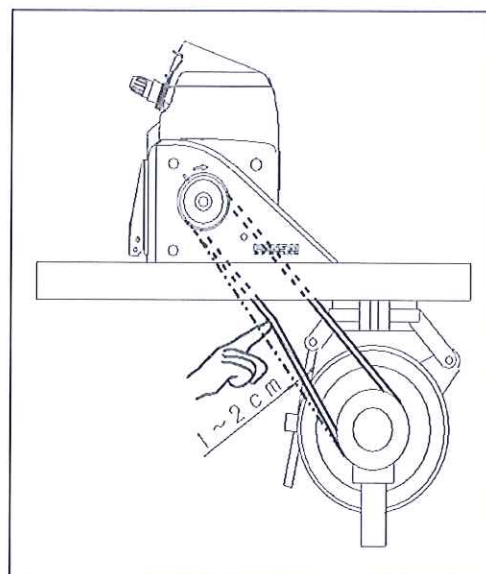
【2】 MACHINE SPEED

2-1 Machine speed & operating direction

Refer to maximum and average speed of the machine at the below. If your machine is new, you have to operate the machine at 15~20% lesser than maximum speed for the first 200 hours (about one month) so that you can break it in.

After the period, operating the machine at average speed will increase the endurance.

The machine pulley (hand-wheel) rotates clockwise as seen from the hand-wheel end of the machine.



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 the position of the motor by pressing the middle of the belt with the index finger until the belt can bent 1~2cm inward. (See the illustration above)

< Machine speed >

Model	Maximum speed	Average speed
JJT5004GS	7000rpm	6000rpm
JJT5005GS JJT5014GH	6700rpm	5700rpm

< Motor pulley >

Motor pulley outer diameter (mm)	Machine speed (rpm)	
	50Hz	60Hz
80	4200	5000
90	4700	5700
100	5200	6300
110	5800	6900
120	6300	7500

【3】 LUBRICATION

3-1 Oil specification

Kansai Special's genuine oil is highly recommended.
(Parts number 54-045: 700cc)

3-2 Oiling

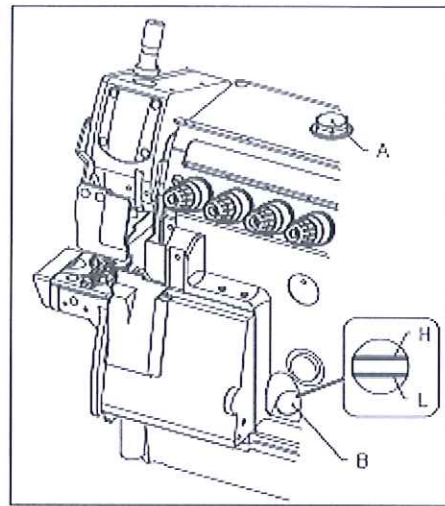
■ Lubrication

Take the Oil Pot A and fill the machine with the genuine oil until the indicator reaches the line H in the oil gauge B.

Most of the time, fill up the oil until the indicator appears between the line H and L.

■ Lubrication check

When the lubrication is over, run the machine to check for oil splashing in the window A.



3-3 Oil & Filter replacement

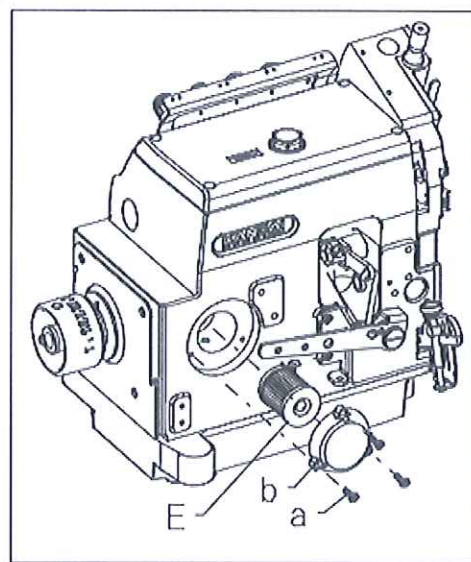
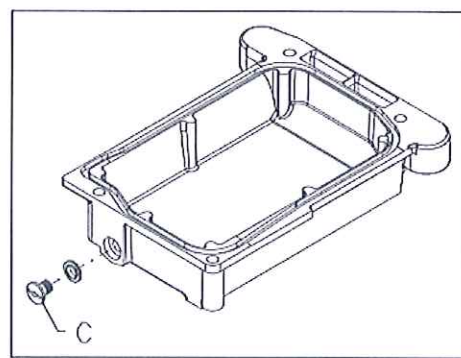
To prolong machine's lifespan, replace the oil in 250 hours use. Follow the procedure below.

1. Take the V belt off the motor pulley and then take the machine off the table.
2. Loosen the screw C and drain all the oil from the machine.
3. After the oil has been drained, tighten the screw C without fail.
4. Fill up the oil as instructed above.

If filter E is dirty, the machine is not lubricated properly. Normally, it has to replace every 6 month. Check for proper function of the lubrication system and maintain the proper amount and type of oil periodically.

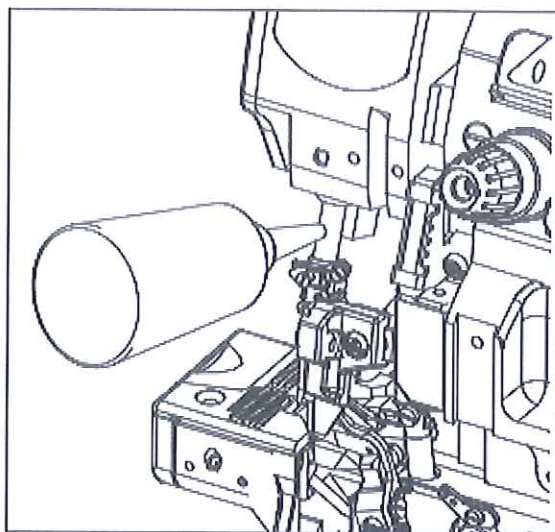
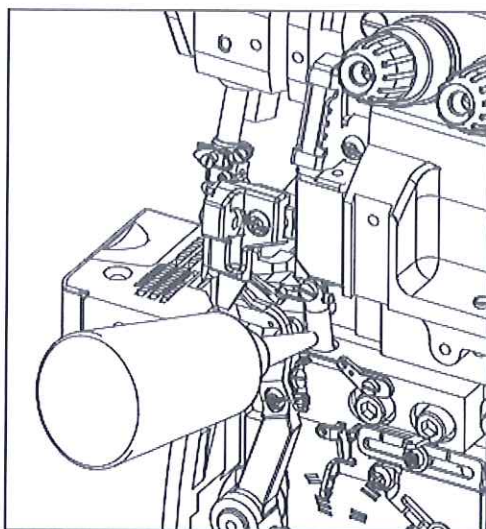
In order to replace the filter E, loosen all the necessary parts (a,b).

In case the filter is clogged, replace it with a new one.



3-4 Oiling respective parts

Oiling respective parts is necessary when the machine runs either for the first time or for the first time in a long while.



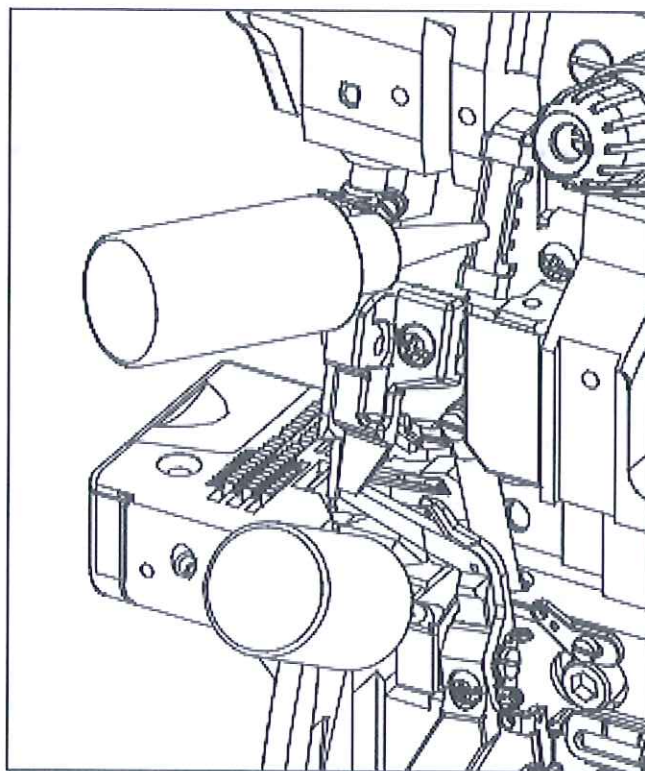
3-5 Oiling HR device

■ Oil in use

Kansai Special's genuine silicon oil is highly recommended.
(Parts number 28-612: 20cc)

■ Oiling process

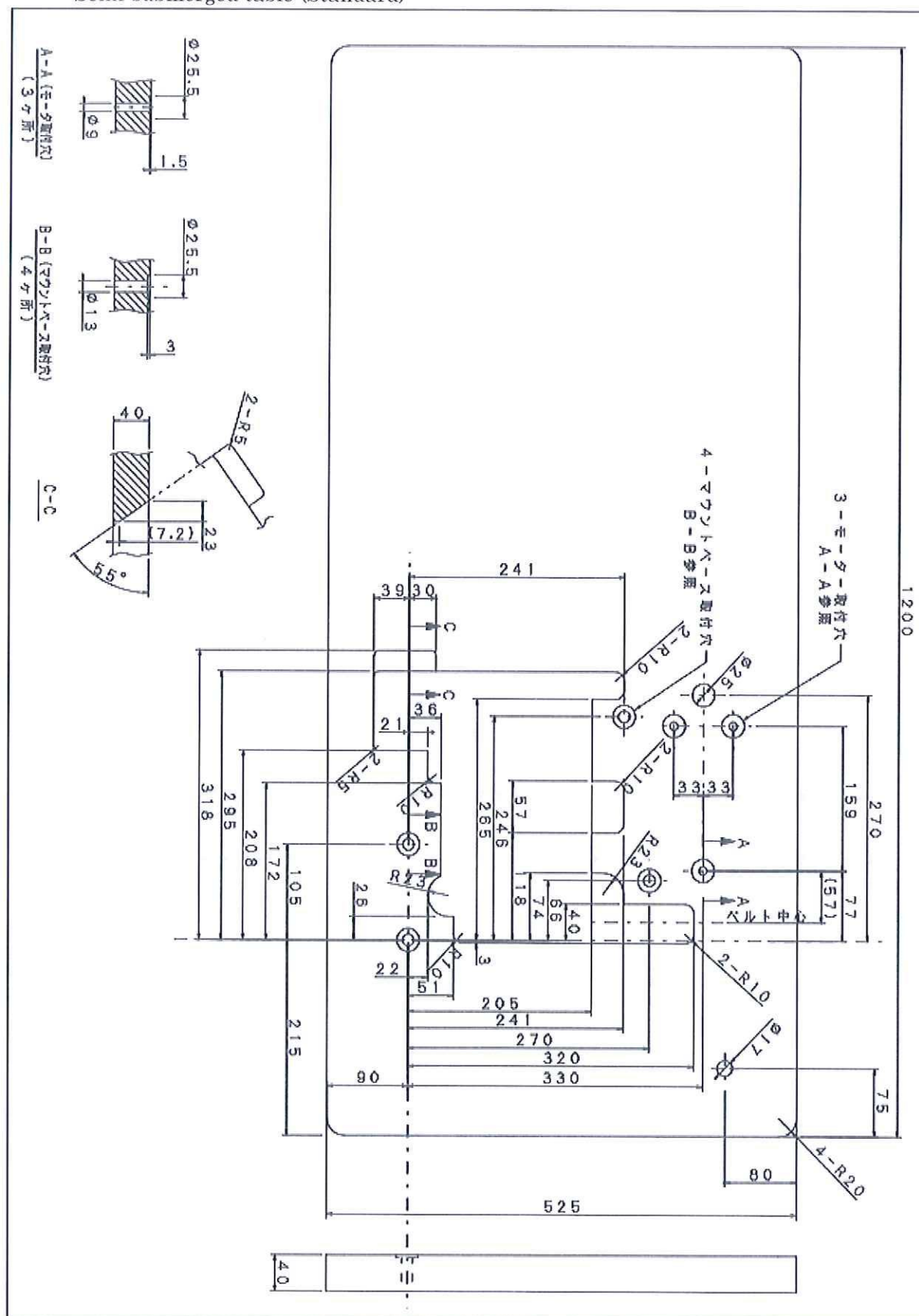
Fill the silicon oil reservoir with Kansai Special's genuine oil.
Periodical oil reservoir check is essential to prevent needle thread breakage and fabric damage.



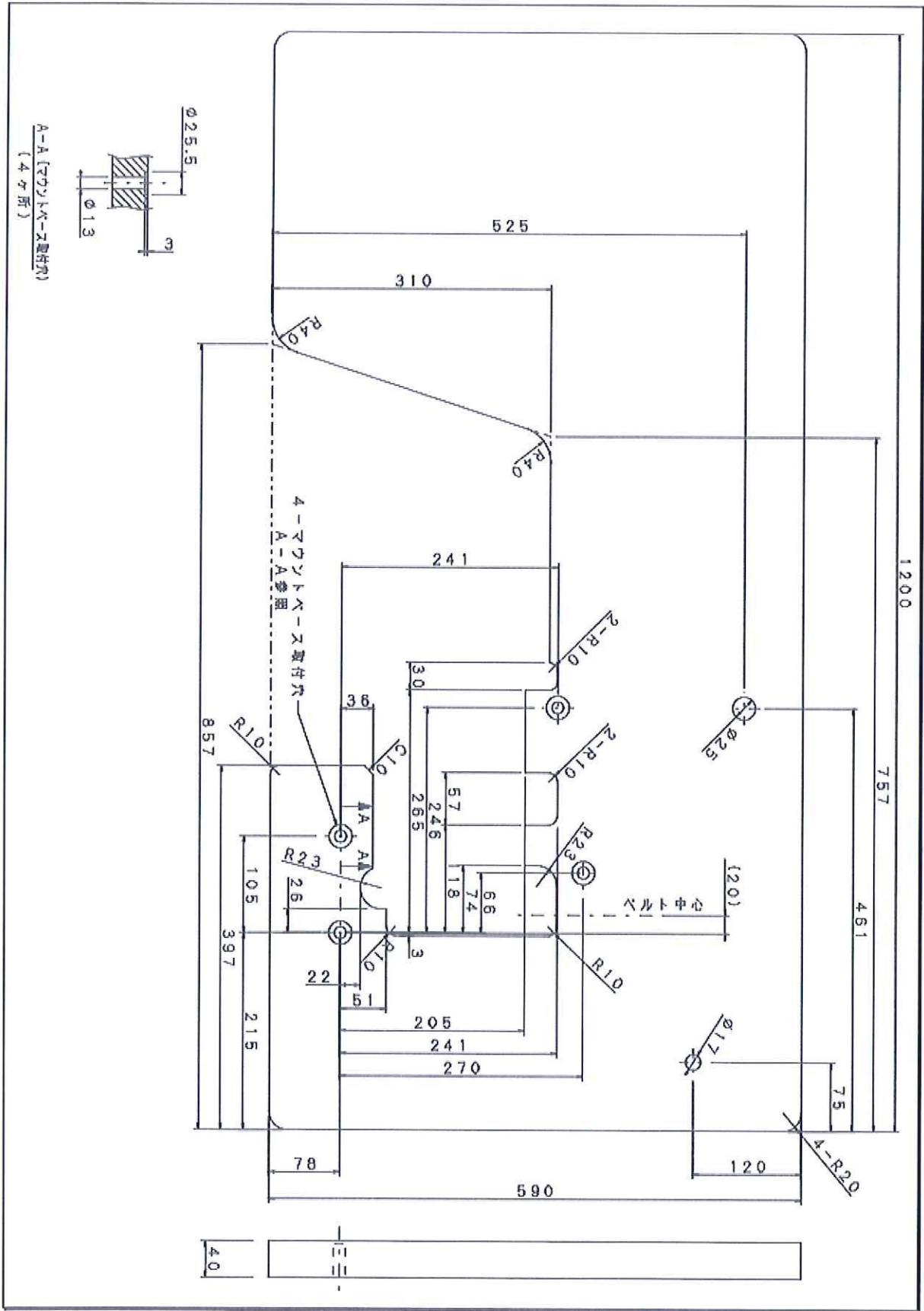
【4】 INSTALLATION

4-1 Table diagram

Semi-submerged table (Standard)



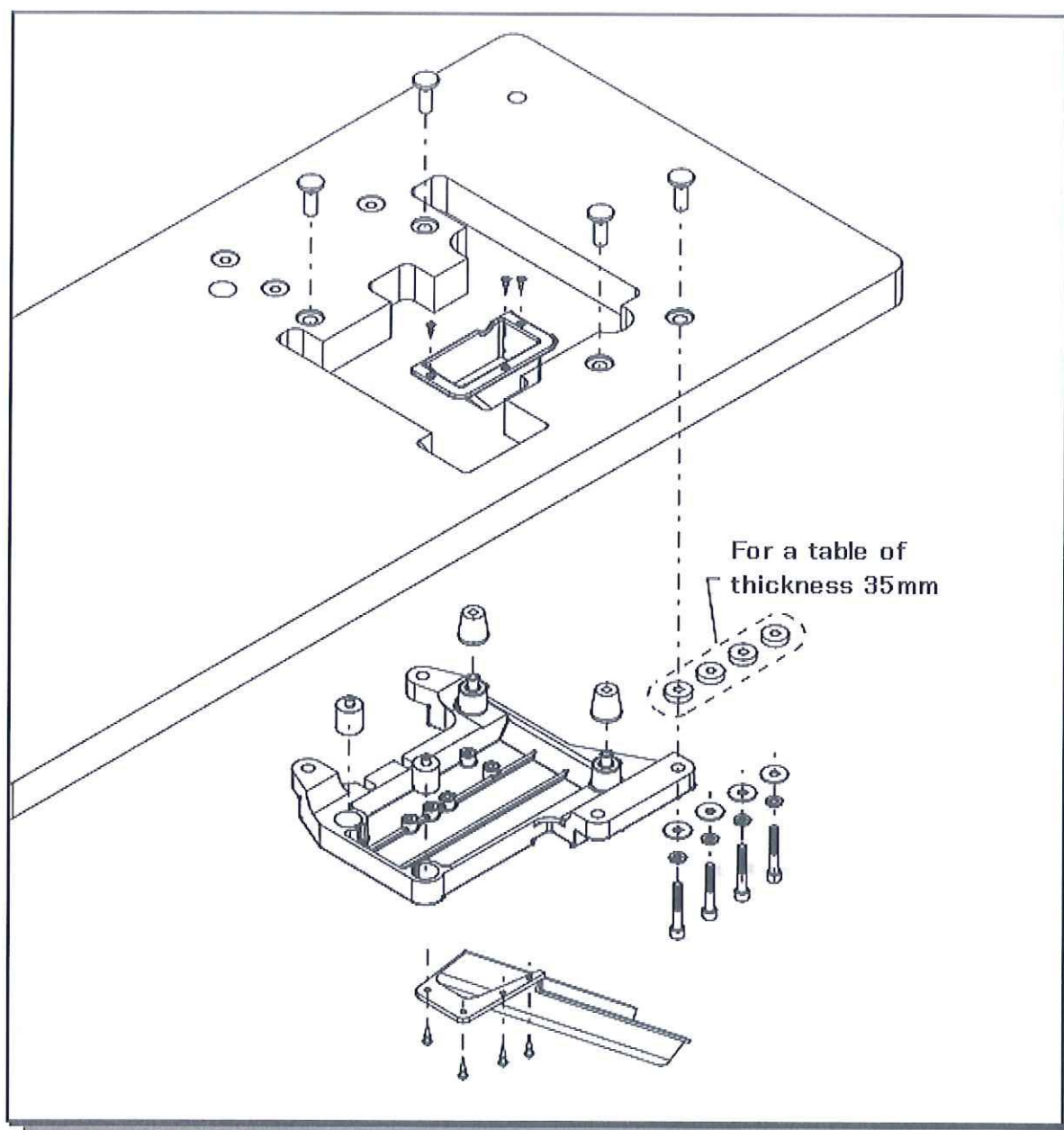
Semi-submerged table (For Cloth Tension Roller set)



4-2 Installation process

Refer to the illustration below.

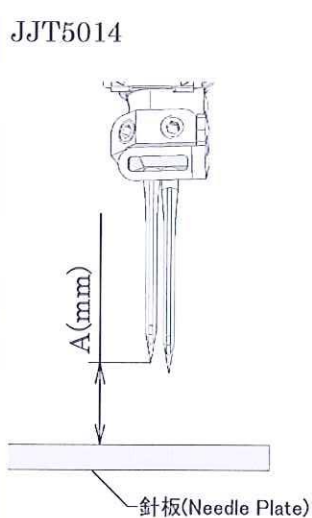
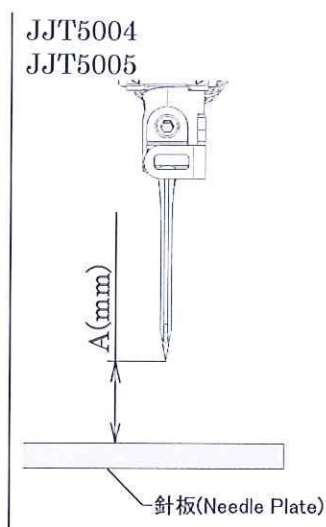
Install the frame support plate underneath the table. Fit the rubber cushions onto the frame support plate. Mount the machine head on the rubber cushions correctly.



【5】 NEEDLE BAR HEIGHT ADJUSTMENT

5-1 Initial needle bar height

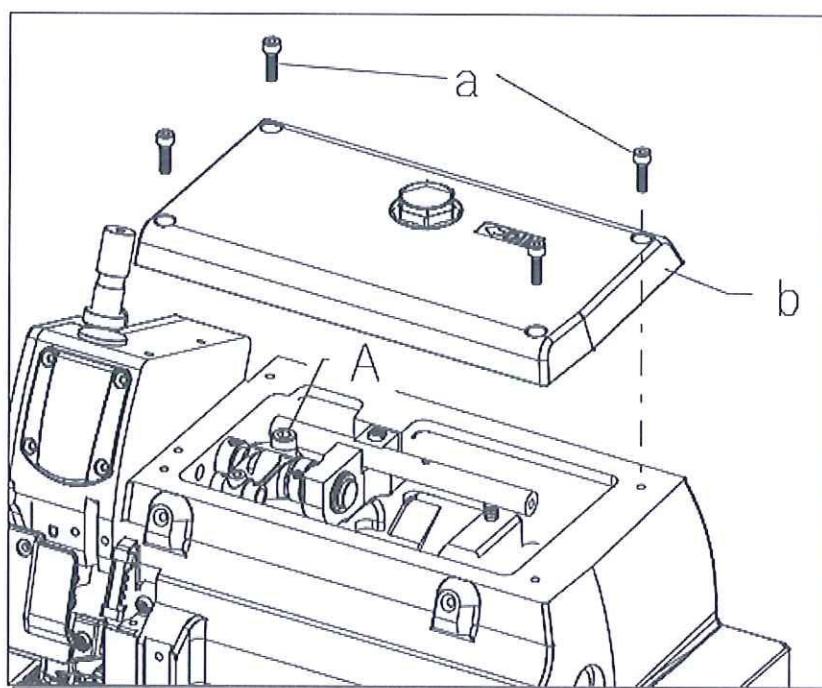
Initial needle bar height is set by the height between the needle plate and the tip of the center needle when the needle bar is at highest position of its travel.
Refer to the illustration below.



Model	A(mm)
JJT5004GS-01M	10.5
JJT5005GS-10M	10.5
JJT5014GH-01M	10.5

5-2 Needle bar height adjustment

To make this adjustment, loosen screw "a" and take out top cover "b".
Loosen screw A and move needle bar up or down as required.

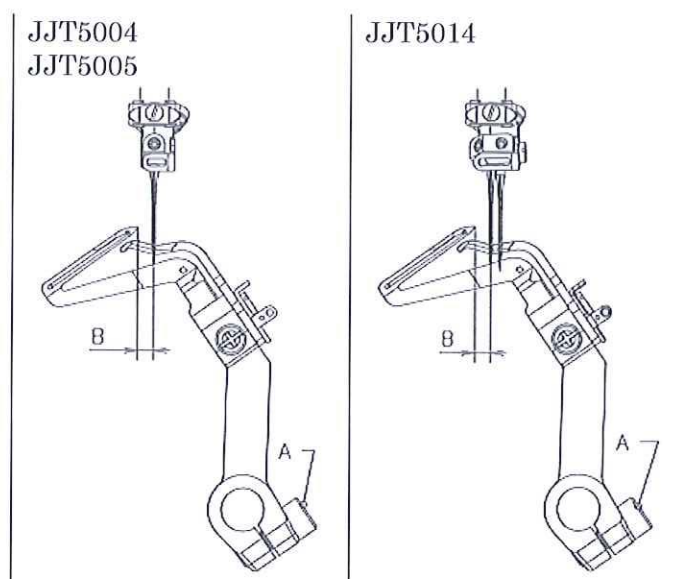


【6】 LOWER LOOPER ADJUSTMENT

6-1 Distance between lower looper and needle

The distance is relation between the looper and the needle when the lower looper is at the extreme left of its travel. Distance B varies according to models.

Refer to the illustrations below. Before adjustment, loosen the screw A.



Model	B(mm)
JJT5004GS-01M	3.8
JJT5005GS-10M	3.8
JJT5014GH-01M	3.8

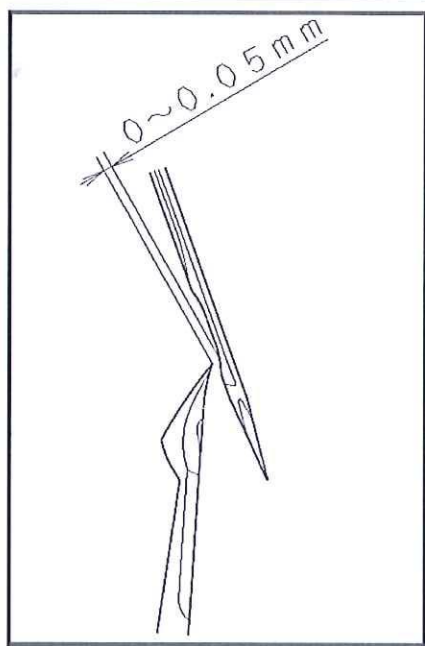
6-2 Clearance between the lower looper and the needle

Bring the point of the lower looper to the center of the needle to have them allow clearance of 0~0.05mm.

To make this adjustment, loosen screw A in the above illustration.

< Note >

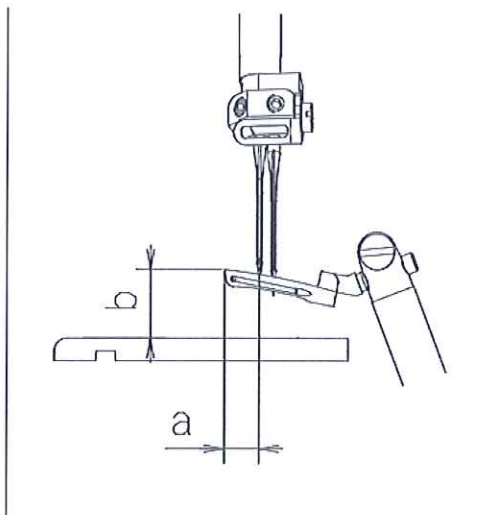
Care should be taken not to disturb the distance between the lower looper and the needle when the lower looper holder is moving.



【7】 UPPER LOOPER ADJUSTMENT

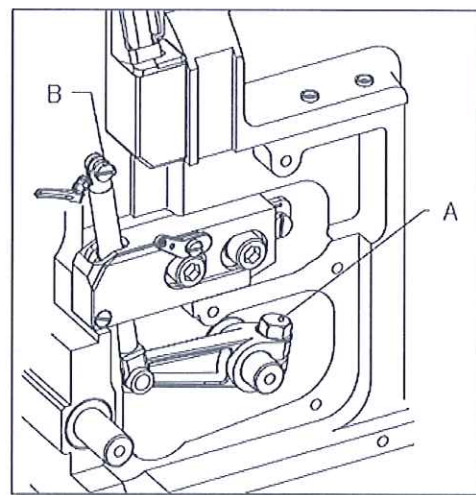
7-1 Gauge of upper looper and needle

- The gauge of the upper looper and the needle is the distance between the point of the looper and the center needle when the upper looper is at the extreme left of its travel. Gauge varies according to models. Refer to the illustration below.



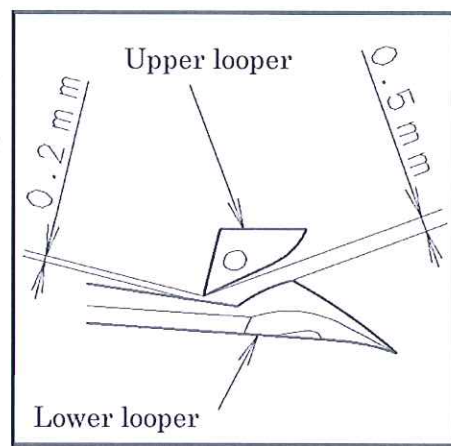
Model	a(mm)	b(mm)
JJT5004GS-01M	4.4~4.7	10.9
JJT5005GS-10M	4.4~4.7	10.9
JJT5014GH-01M	5.4~5.7	10.6

- The gauge adjustment is made by loosening the clamp screw A and looper setting is made by loosening the clamp screw B.



7-2 Looper relation (upper to lower)

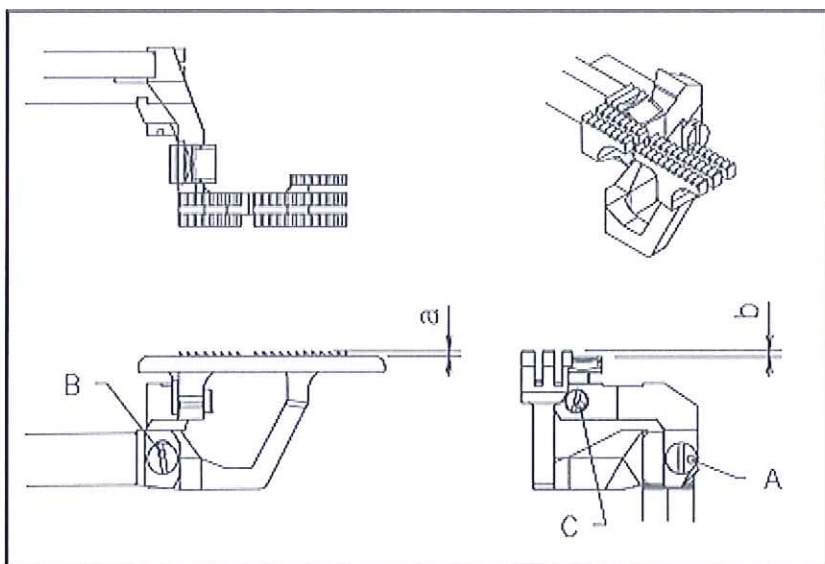
When upper looper crosses lower looper, certain amount of clearance is needed. Refer to the illustration on the right. To make this adjustment, loosen clamp screw B.



【8】 FEED DOG & STITCH LENGTH ADJUSTMENT

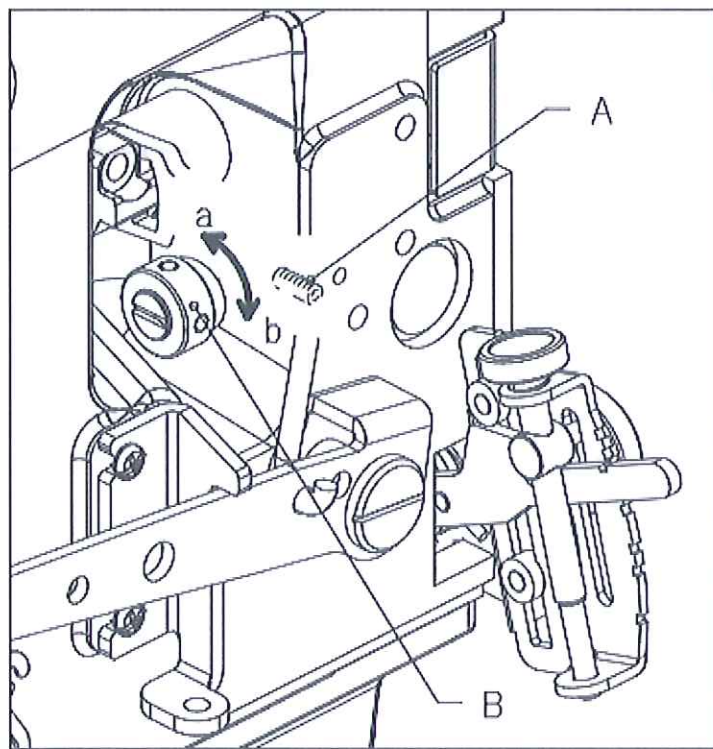
8-1 Feed dog height adjustment

When the feed dogs are at the highest point of its travel, 2 or 3 teeth from the back of the main feed dog have to rise 0.8~1.0mm(a) above the top surface of the needle plate. The height of the differential feed dog is as same as that of the main feed dog. The support feed dog should be set to rise 0.5mm(b) lower than the main feed dog. Adjustment is made by loosening clamp screw A,B,C.



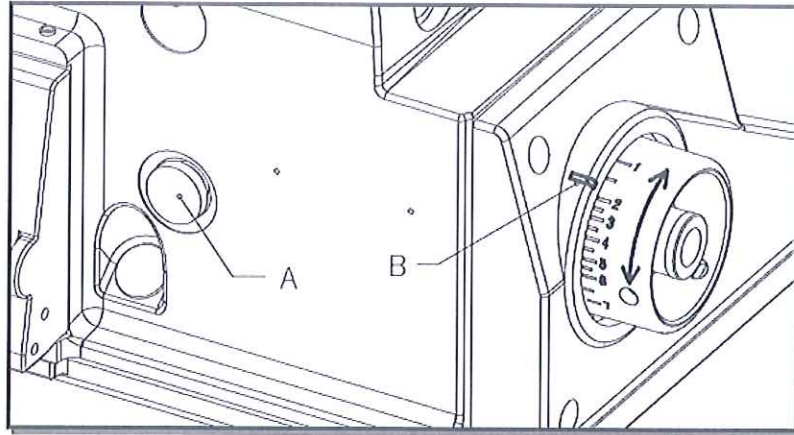
8-2 Feed dog inclination adjustment

To make the feed dog tilt adjustment loosen screw A and turn collar B as required. Turn to "a" : To tilt down the front side of the feed dog. Turn to "b" : To tilt up the front side of the feed dog.



8-3 Stitch length adjustment

1. Press the push-button A softly with your left hand on the front of the machine.
2. Rotate the pulley with your right hand while pressing the button A softly, the push-button A will stop at the notch inside making a click sound.
3. At that time, press the push-button A hard once again with rotating the pulley and set the stitch length referring to the starting mark B.
4. For longer stitch, rotate the pulley clockwise and the other way around.



< Note >

Check if the motor stops completely before you change the stitch length.

8-4 Differential feed dog adjustment

■ Stretching ratio (for gathering)

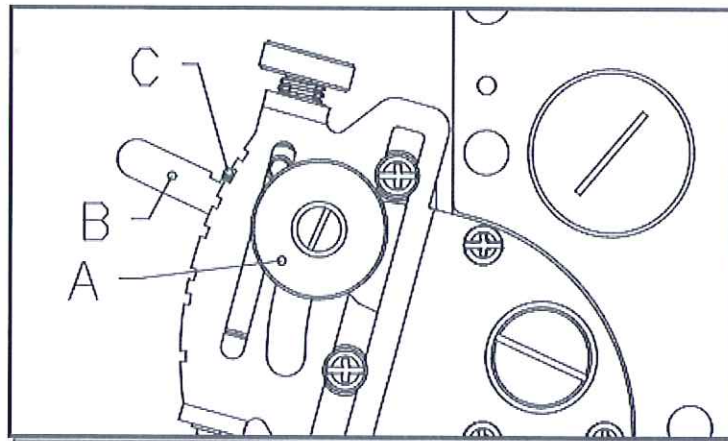
Loosen nut A and adjust with lever B then tighten nut A at desired spot.

Bring the lever B at spot C makes the ratio of the main feed dog and the differential feed dog 1 to 1.

Bring it at lower than spot C makes a stretching ratio.

■ Gathering ratio (for stretching)

Bring the lever B at higher than spot C makes a gathering ratio.



< Note >

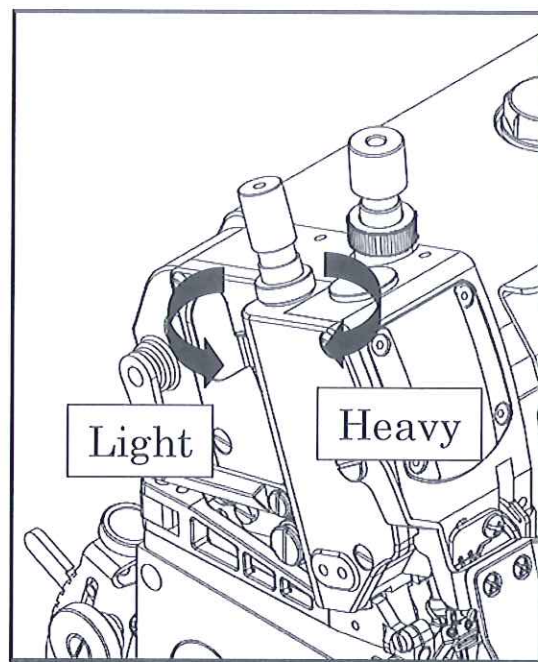
When applying a stretching ratio, be sure that the differential feed dog is in the right position.

【9】 PRESSER FOOT ADJUSTMENT

9-1 Presser foot pressure adjustment

Maintain the presser foot pressure as light as possible on the condition that the machine feeds the fabric well and produces stable stitch. Turn the knob clockwise to increase pressure of the presser foot.

Refer to the illustration on the right.

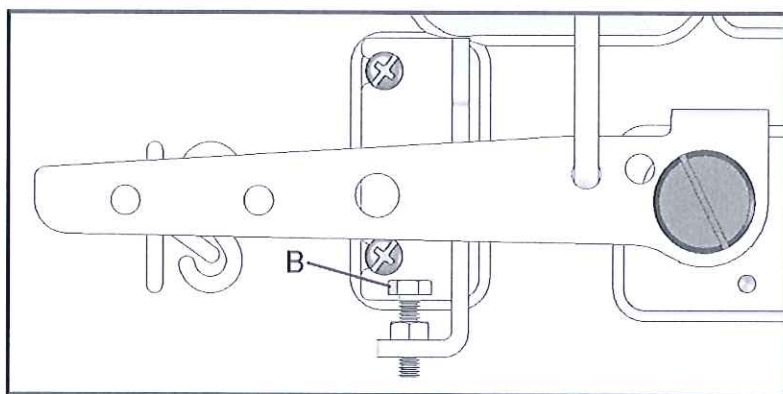
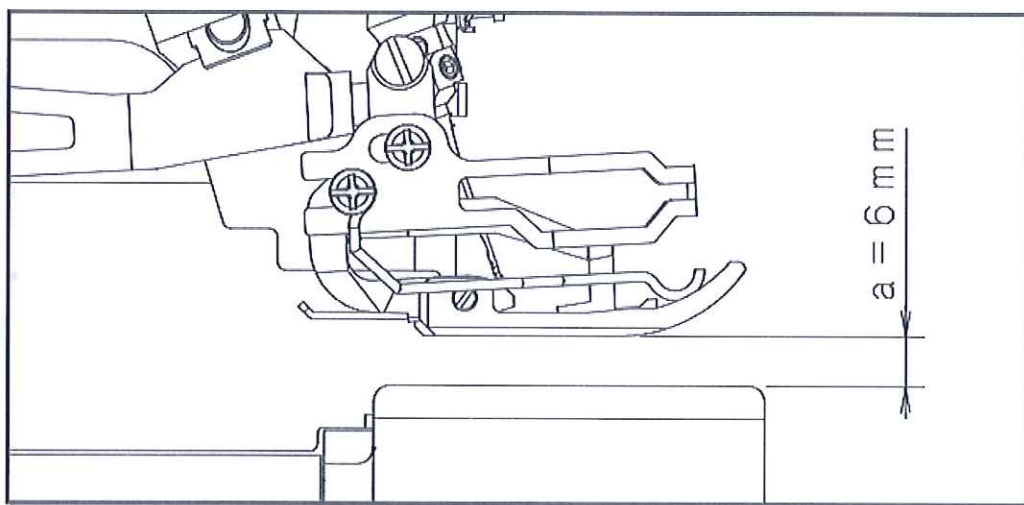


9-2 Position and maximum lift height

Set the presser foot onto the presser bar properly so that the needle can drop to the center of the needle hole.

■ Foot lift

The initial height of the foot lift "a" is about 6mm from the surface of the needle plate. Set the proper height of the foot lift stopper B to hold the presser foot.



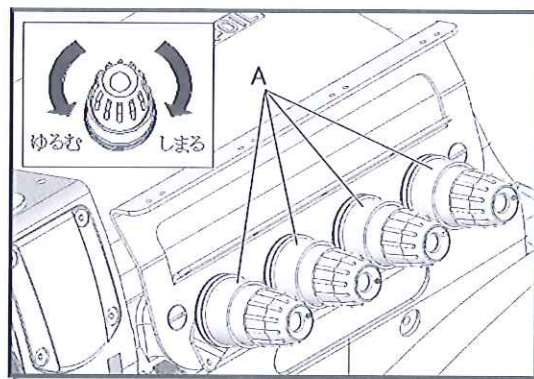
【10】 STITCH FORMATION ADJUSTMENT

10-1 Thread tension adjustment

Thread tension varies according, to sewing conditions such as kinds of fabrics, threads, sewing width, and stitch length.

Adjust by knob A.

Rotate them clockwise to tighten the threads and vice versa.



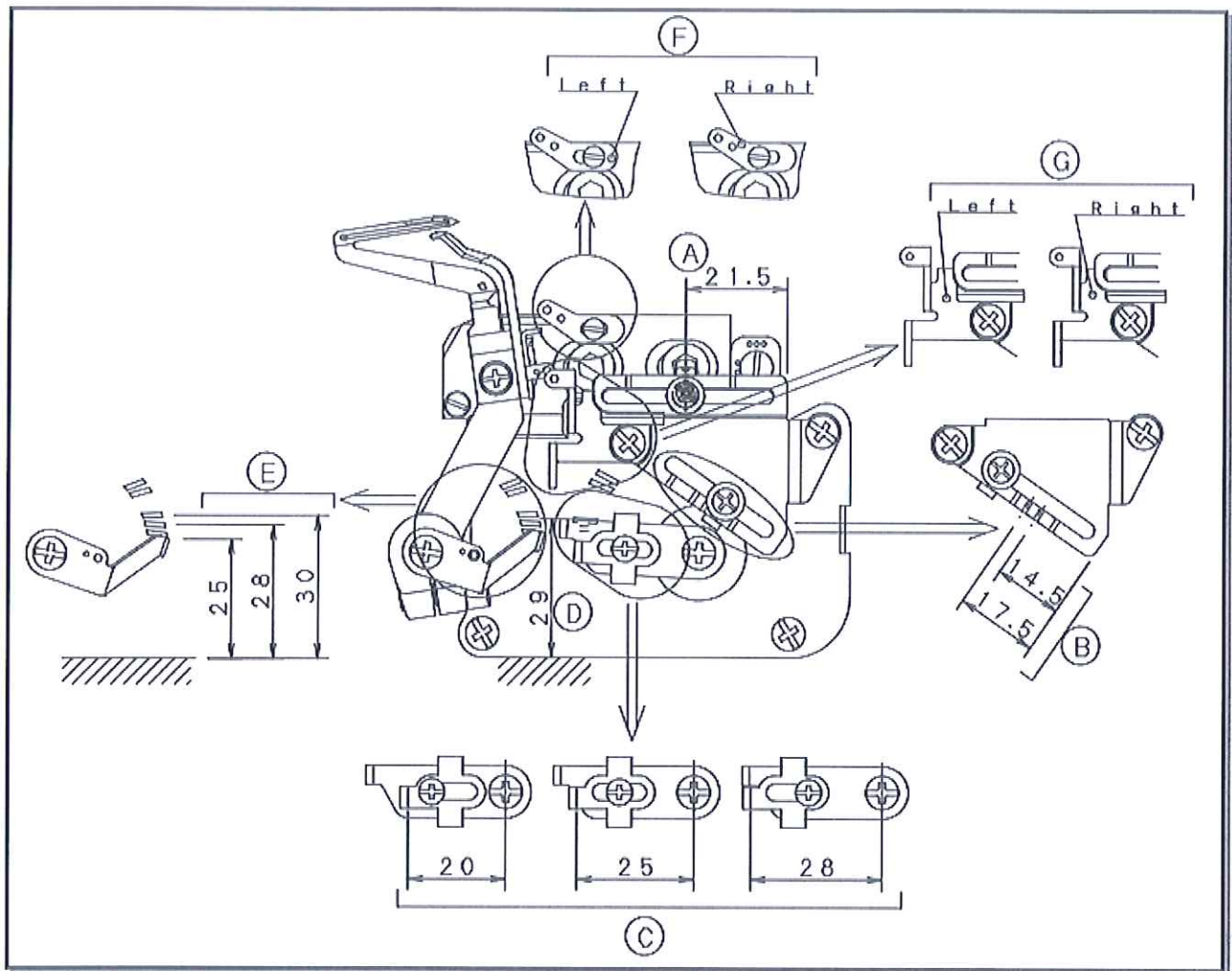
10-2 Position of the needle thread take-up & thread eyelet

*Adjust by referring to below illustration when the needle take-up is at extreme front position of its travel.

JJT5004 JJT5005	JJT5014
出荷時は調整済みです。 Already adjusted	出荷時は調整済みです。 Already adjusted

10-3 Looper thread take up adjustment

The below table is the dimension when the lower looper is at the right position.



	504 505 514	504	514	504 514	Stitch type
	S	H	H	E	Looper capacity
A	21.5	21.5	21.5	21.5	
B	14.5	14.5	17.5	17.5	
C	20	28	28	25	
D	29	29	29	29	
E	28	28	25	30	
F	Left	Left	Left	Right	
G	Left	Left	Left	Right	

【11】 UPPER & LOWER KNIFE ADJUSTMENT

11-1 Upper and lower knife

■ Upper knife height

Upper knife height should be 0.5~1.0mm lower from the top surface of the needle plate when the upper knife is at the bottom of its travel.

Adjust by loosen screw B.

■ Lower knife height

Set the edge of the lower knife E is at the same level of needle plate top surface.

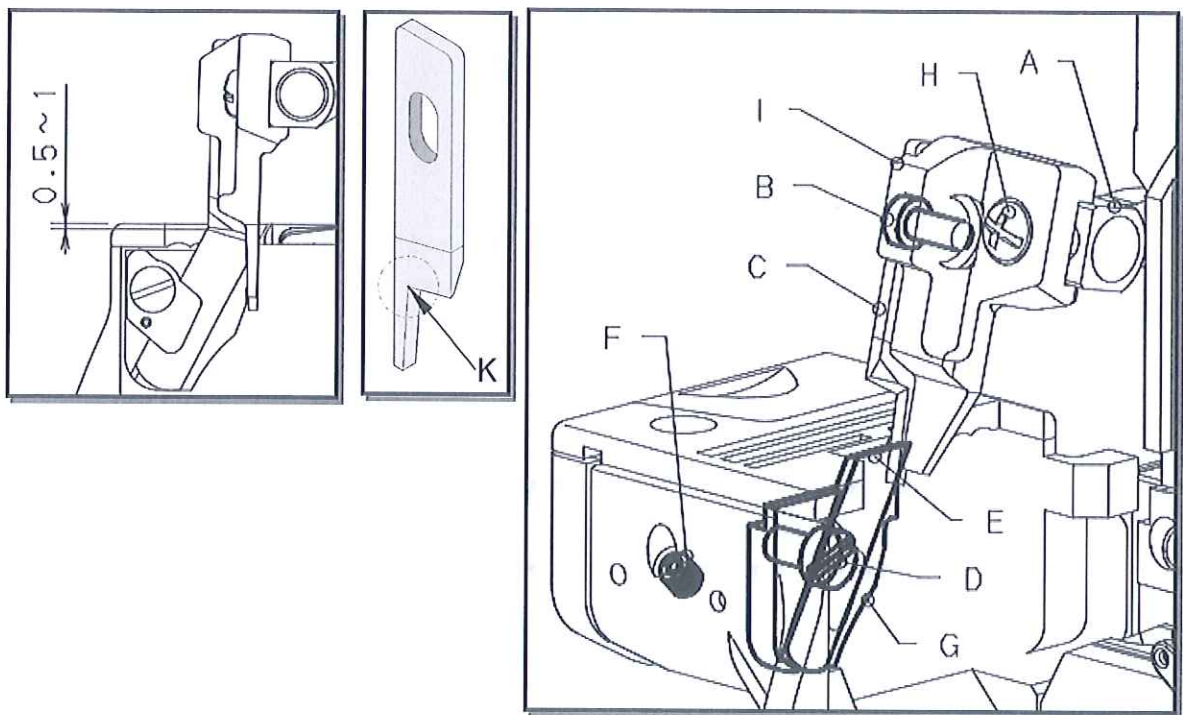
Adjust by loosen screw D.

■ Sewing width adjustment

1. Loosen screw F and move lower knife holder to the extreme left position. Then tighten screw F temporarily.
2. After loosening the screw H, adjust the sewing width by moving the upper knife holder to the desired position. Do not forget to re-tighten the screw H securely after adjustment is made.
3. Move the upper knife point K to the top surface of the needle plate by turn the hand-wheel.

Loosen the screw F, lower knife E is cross with upper knife C by a spring.

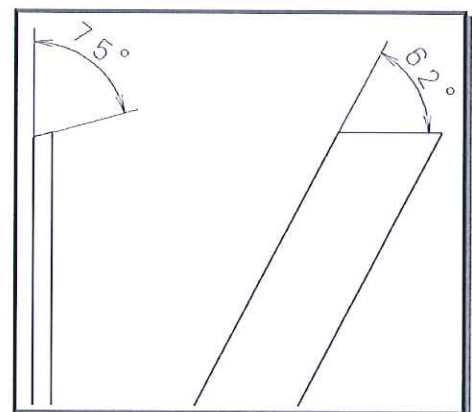
After all tighten screw F securely.



11-2 Lower knife sharpening

The upper knife is made of super hard compound metals. When the knife gets blunt and cannot cut clean, it needs to be sharpened like the illustration on the right.

When sharpening doesn't work anymore, replace the knife with a genuine Kansai Special's upper knife.

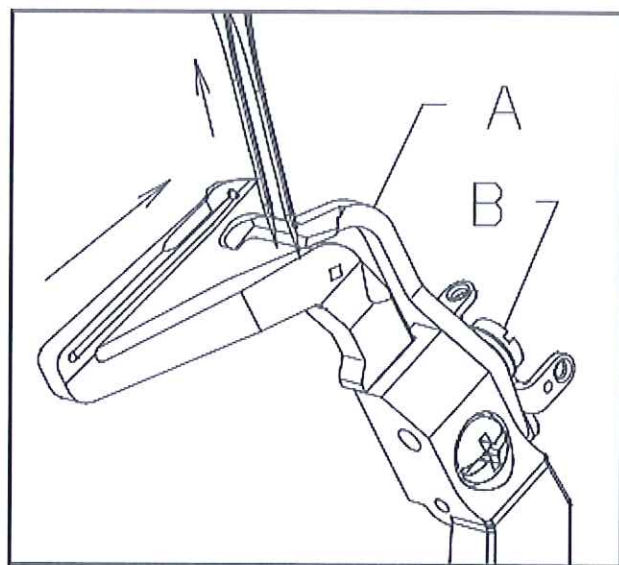
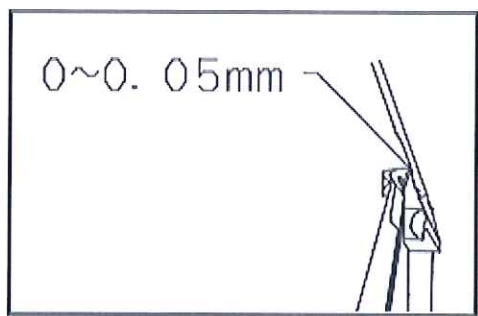


【12】 NEEDLE GUARD ADJUSTMENT

■ Needle guard (rear)

When the point of lower looper is aligned with the center of the needle. The needle should be deflected forward by needle guard (rear) A so that there will be 0~0.05mm clearance between the point of the lower looper and center of the needle.

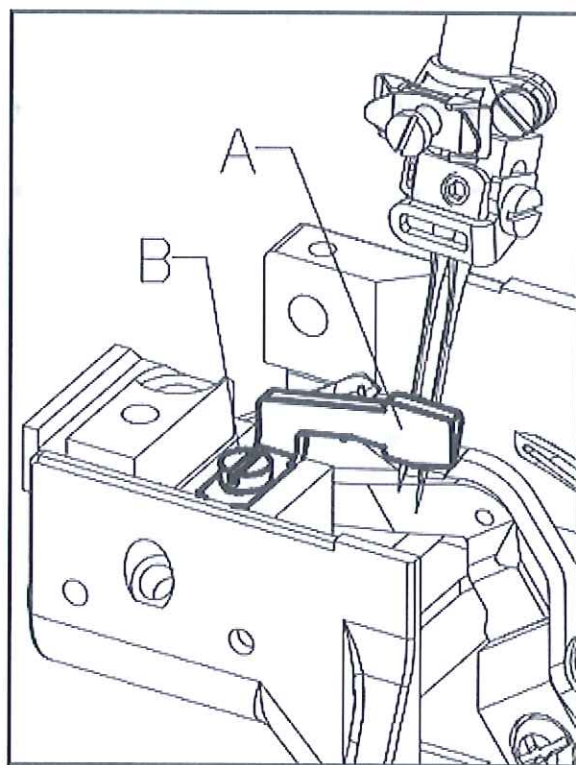
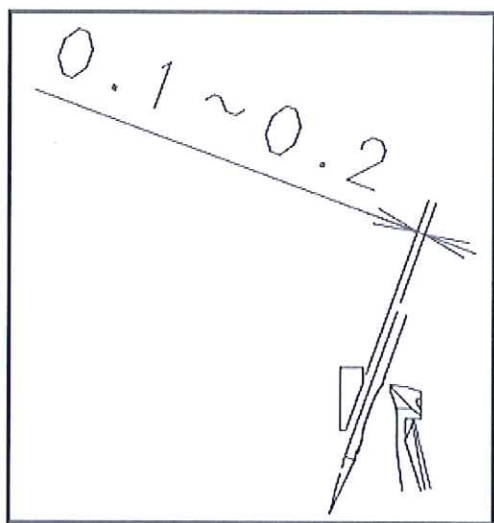
Adjust by screw B.



■ Needle guard (front)

Obtain 0.1~0.2mm of clearance between the needle and needle guard (front) A when the needle is at the bottom of its stroke.

Adjust by screw B.



【13】 TOP FEED DOG ADJUSTMENT

13-1 Front to back the feeding amount

- 1、 Loosen knob A. Adjust the amount by moving lever B as required.

To increase the amount, move in the direction of (+).

To decrease the amount, move in the direction of (-).

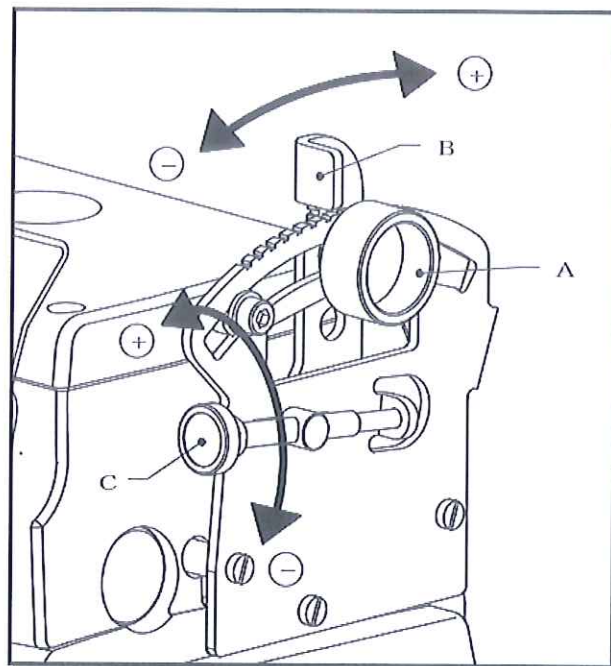
- 2、 Tighten knob A.

※To make a fine adjustment, loosen A first and then turn knob C as required.
After this adjustment, tighten knob A.

< Note >

For plain seaming, adjust the feeding amount of the top feed dog to that of the bottom feed dog because the top ply should be aligned with the bottom ply at the start and end of sewing.

Adjust the amount according to the characteristics of the fabric and/or the garment.



13-2 Change the adjusting range of front to back feeding amount

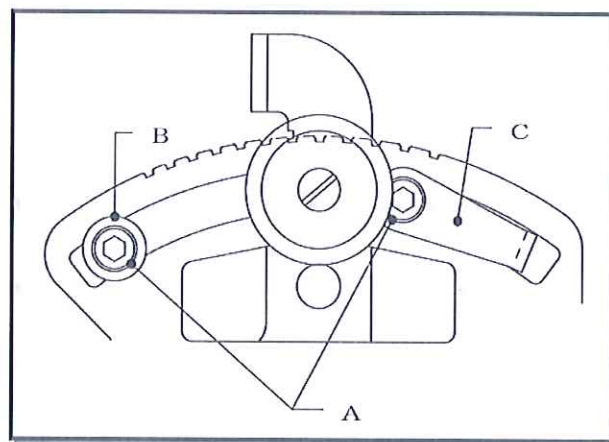
Loosen screw A. Adjust the range by moving stoppers B and C.

< Note >

One graduation indicates 1mm as a reference.

The maximum value on the regulator is 12.

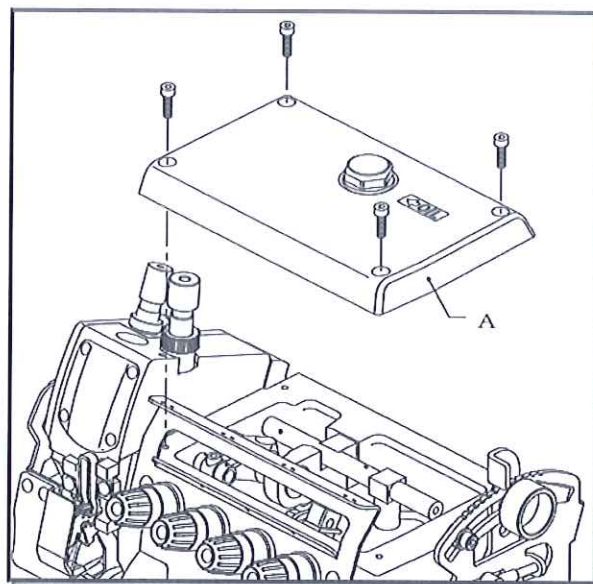
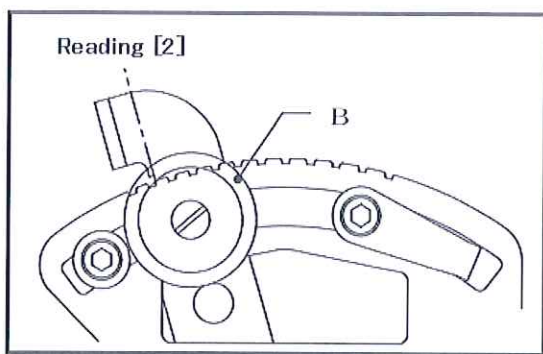
However, do not exceed the maximum value set for each model.



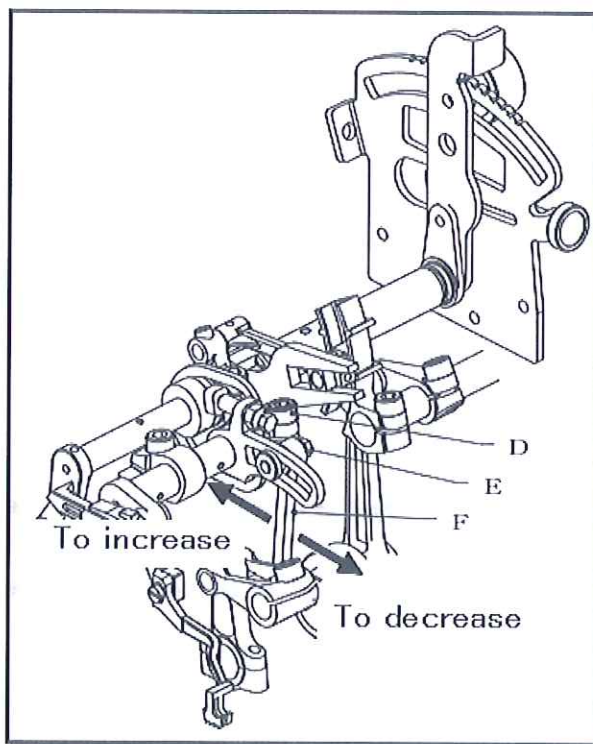
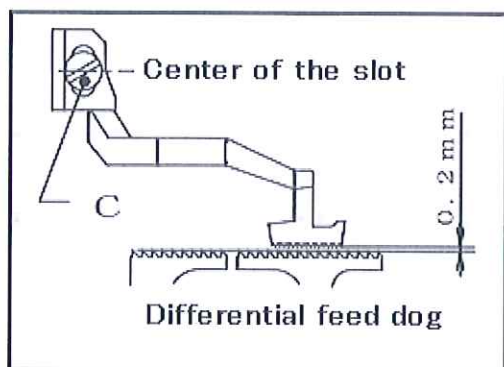
Model	Feeding amount
JJT5004GS-01M	1~6
JJT5005GS-10M	1~6
JJT5014GH-01M	1~6

13-3 Up and down position

1. Turn the machine pulley until the top feed dog is at the top of its stroke. Remove top cover A.
2. Loosen knob B and set the top feed adjusting lever at 2 on the indicator. Then tighten knob B.



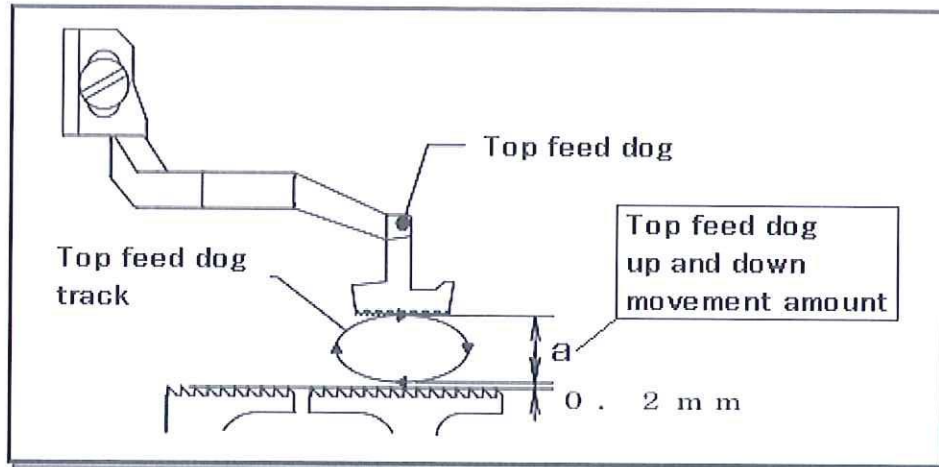
3. Center screw C in the slot of the top feed dog. Adjust by loosen screw C.



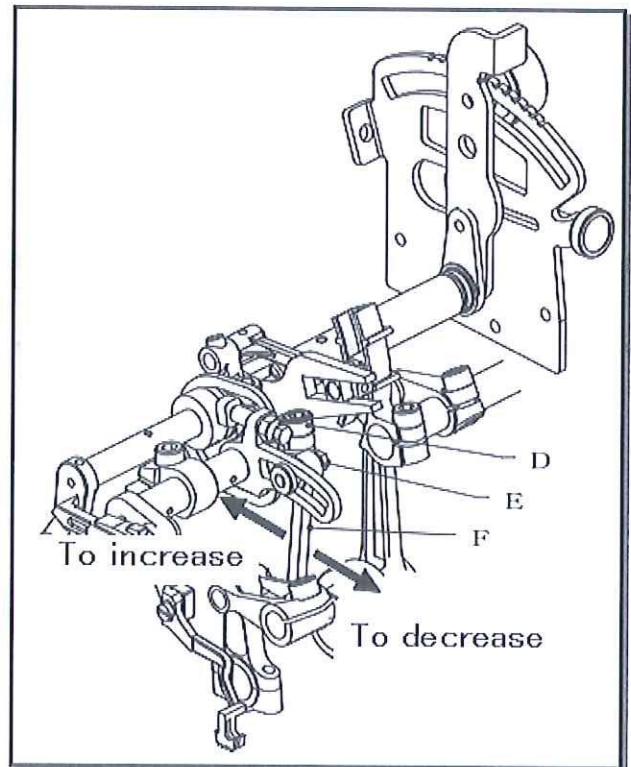
4. Turn the machine pulley until the top feed dog is at the bottom of its stroke.
5. Loosen screw D. Set the clearance between the top feed dog and the differential feed dog at 0.2mm by moving the top feed dog.
6. Tighten screw D.

14-4 Up and down feeding amount adjustment

1. Loosen screw E. Adjust top feed dog up and down movement amount (a) by moving link F as required. To set up and down movement amount (a), turn the machine pulley until the top feed dog is at the top of its travel, and then measure the height of the top feed dog with a ruler or caliper. Refer to the illustration below.
2. Tighten screw E.

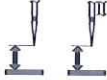


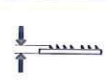



Model	a (mm)
JJT5004GS-01M	3.5
JJT5005GS-10M	4.5
JJT5014GH-01M	4.5



【14】 SPECIFICATION

< JJT50 >

型 式 MODEL					
JJT5004GS-01M	10.5	3.8	4.4~4.7	0.8	5.0
JJT5005GS-10M					
JJT5014GH-01M			5.4~5.7		5.5