MITSUBISHI

三菱工業用ミシン部品カタログ

Industrial Sewing Machine Parts Catalog

Model PLK-B4516
PLK-B4516L
PLK-B6019

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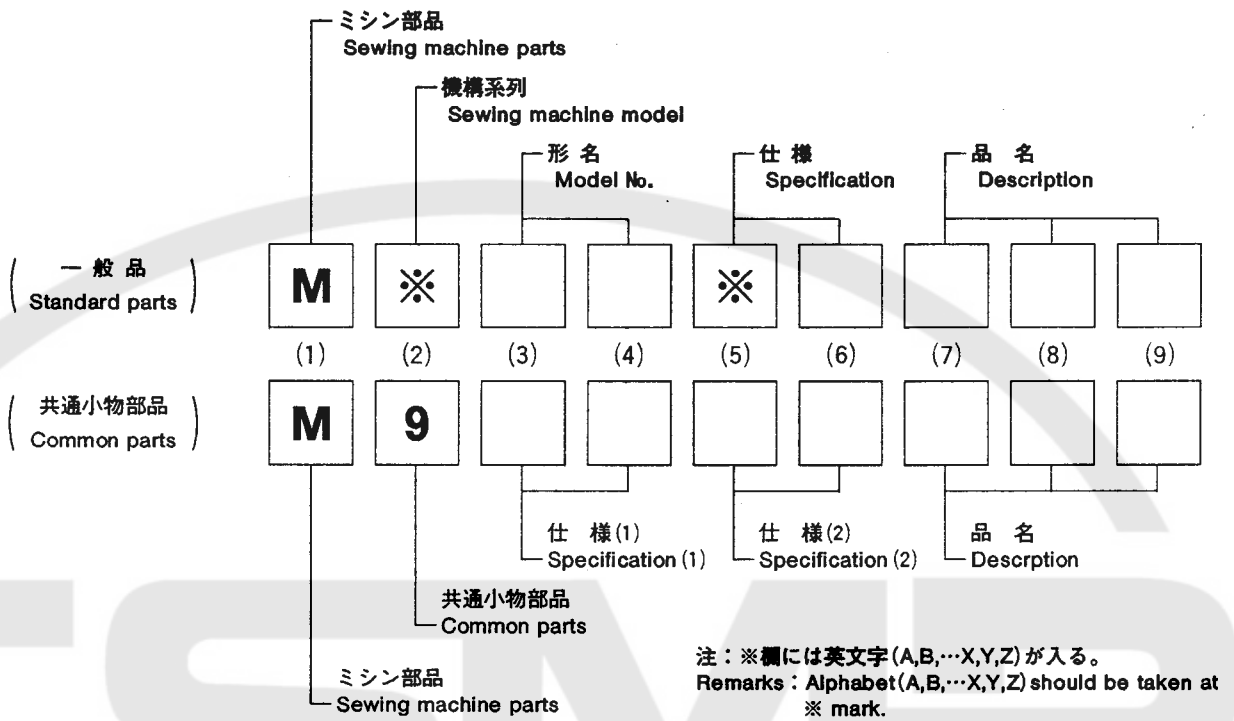
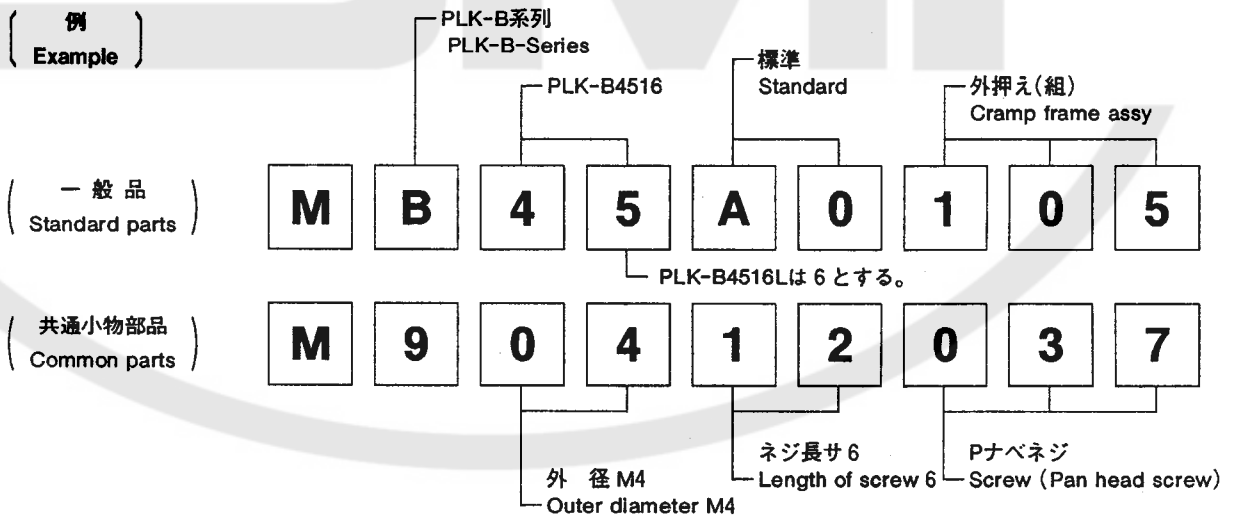
P-194A 199610

部品コードの採番形式
MITSUBISHI SPARE PARTS No. Designation system

1．部品コードについて　CONCERNING PARTS CODE.
部品をご注文される場合は、部品コードをお知らせください。
Please inform the part number, when these parts are ordered.

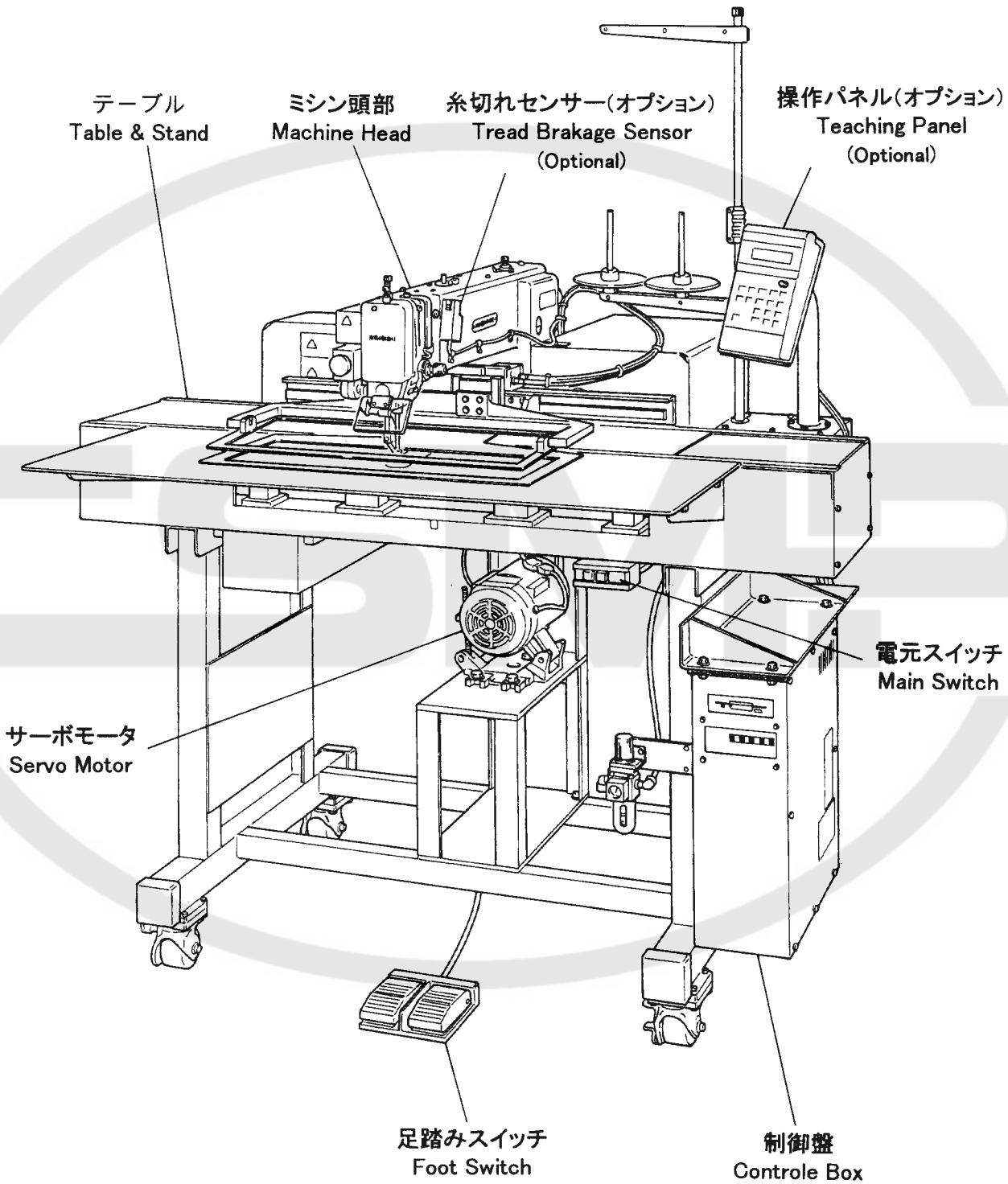




2．変更マークについて　CONCERNING MODIFICATION MARK.
変更マーク欄に＊記号の記載のある部品は、形状、寸法等の変更履歴がありますので、ご注文の際にはご使用のミシンの製造番号と併せてご連絡ください。
The parts marked with ＊ in the modification colum has been changed the shape or size etc. So when these modified parts are ordered please inform the serial number of the sewing machine.

注：一般品についての機種形名は、その部品が最初に使用された機種形名を示します。従って長期に亘る場合は、機種の改廃が行われるため、当初の機種以外の機種で使用されている場合があります。
Sewing machine Models, of Standard Parts are indicated model of these parts are registered firstry. Parts are used for not only the indicated model, but also another models, in reason of New development, improvement after.

Ⓐ 本体構成
CONSTRUCTION



Ⓑ 本体関係（Ⅰ）
ARM BED AND IT'S ACCESSORIES（Ⅰ）

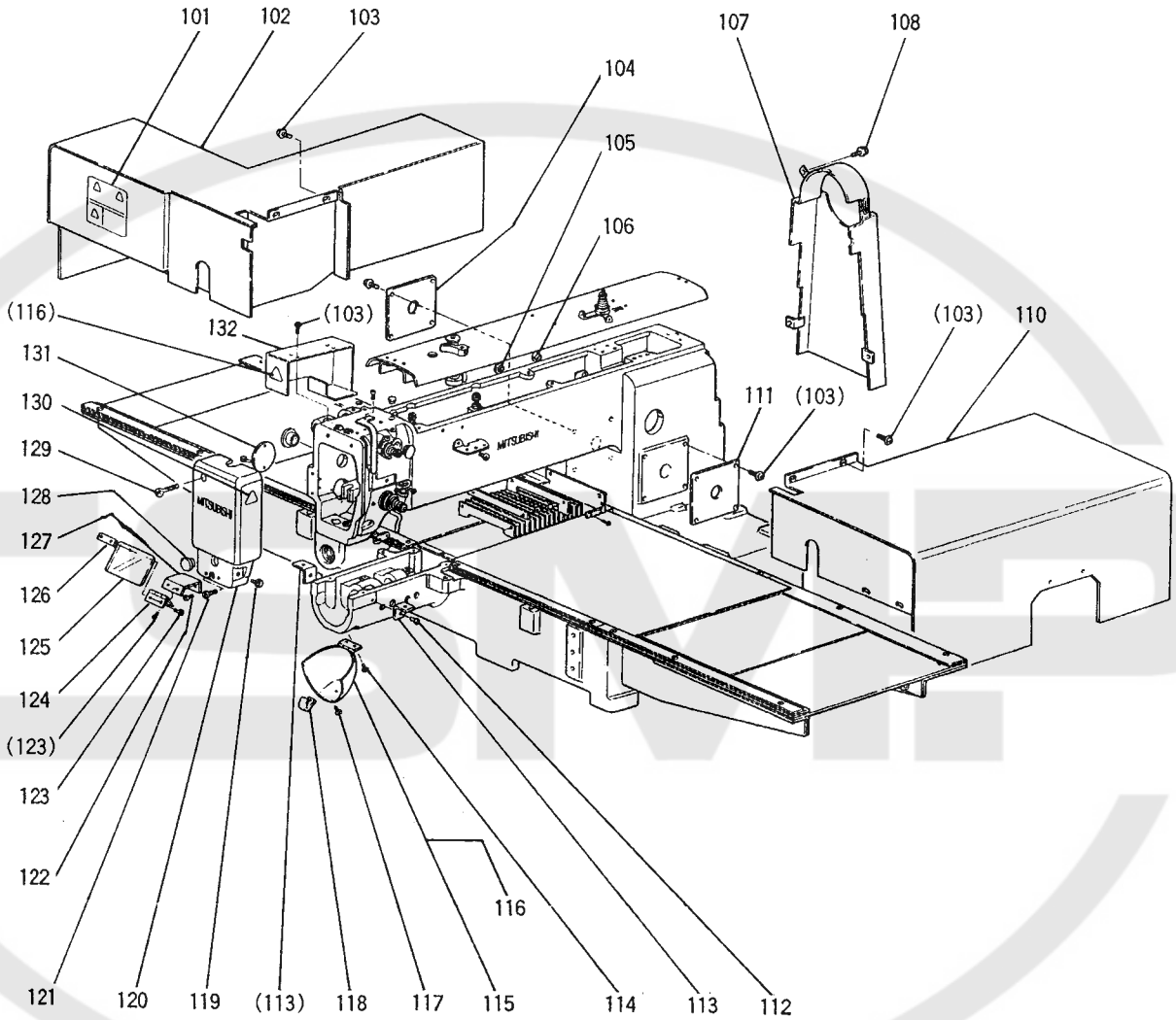
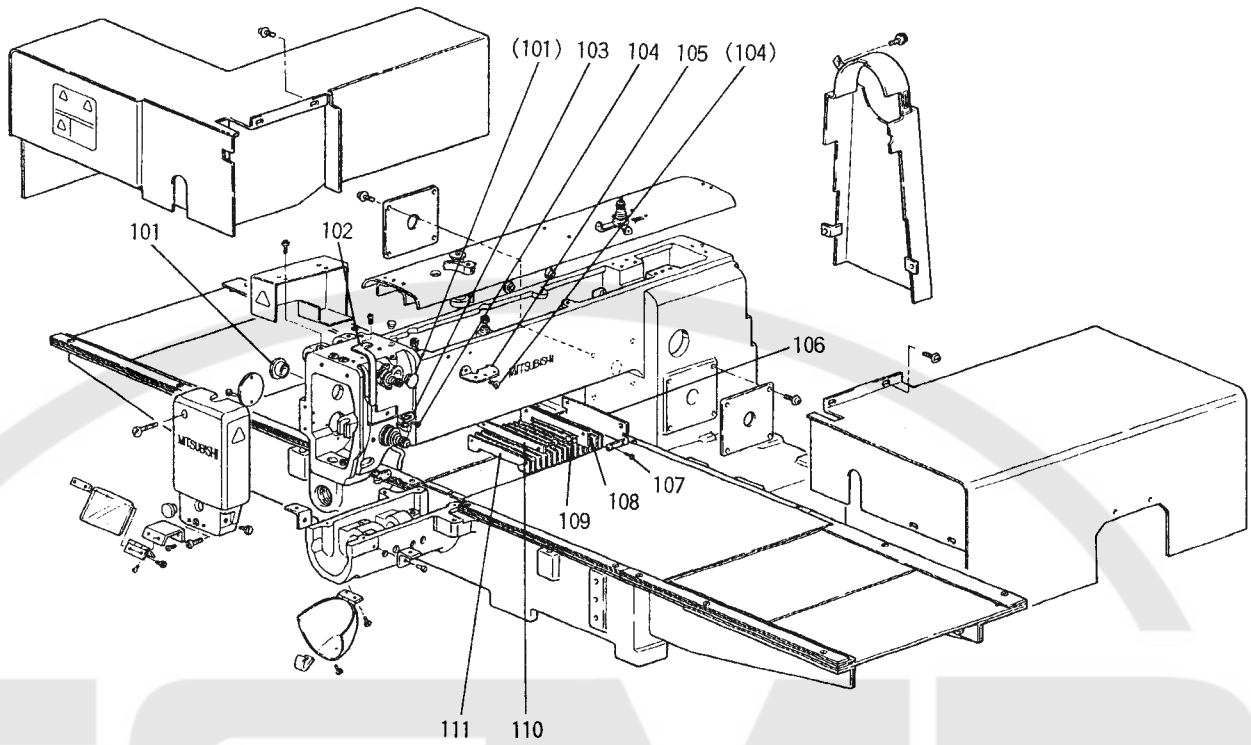


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
B101	MB61A0459	ｹｲｺｸｼｰﾙ(ｿｳｻ)	Warning seal (operation)	1	1	1
B102	MA45A0849	ﾓｰﾀｶﾊﾞｰ	Motor cover	1	1	1
B103	M91054004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	11	11	11
B104	MA45A0339	ｶﾊﾞｰ	Cover	1	1	1
B105	M90883080	ｺﾞﾑｾﾝ	Rubber plug	3	3	3
B106	M91304080	ｺﾞﾑｾﾝ	Rubber plug	3	3	3
B107	MA45A0776	ﾍﾞﾙﾄｶﾊﾞｰ	Belt cover	1	1	1
B109	M91330004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M5×8	Screw M5×8	3	3	3
B110	MA45A1849	ﾓｰﾀｶﾊﾞｰ	Motor cover	1	1	1
B111	MA45A3339	ｶﾊﾞｰ	Cover	1	1	1
B112	M94001017	ｾﾌﾃｨｿｹｯﾄ M4×10	Bolt M4×10	2	2	2
B113	MS14A1601	ﾄﾘｯｹｲﾀ	Bracket	2	2	2
B114	M90859004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M3×6	Screw M3×6	2	2	2
B115	MB60E6339	ｼﾘﾝﾀﾞｰｶﾊﾞｰ(ｸﾐ)	Cylinder cover complete	1	1	1
B116	MB61A2459	ｹｲｺｸｼｰﾙ(ｹｶﾞ)	Warning seal (injury)	2	2	2
B117	M90906003	ﾏﾙﾋﾗﾈｼﾞ(40)×3.2	Screw (40)×3.2	4	4	4
B118	MS01A0361	ｶｹｶﾞﾈ	Latch	1	1	1
B119	M90909003	ﾏﾙﾋﾗﾈｼﾞ(40)×6	Screw (40)×6	1	1	1
B120	MB60E0830	ﾒﾝｲﾀｸﾐﾀﾃ	Fase plate	1	1	1
B121	M90442037	ﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×16	Screw M4×16	1	1	1
B122	M91110002	ﾋﾗﾈｼﾞ 11/64(40)×8	Screw 11/64(40)×8	2	2	2
B123	M90806002	ﾋﾗﾈｼﾞ 1/8(44)×6	Screw 1/8(44)×6	4	4	4
B124	MS01A1739	ﾋﾝｼﾞ	Hinge	1	1	1
B125	MS01A0160	ｱｲｶﾞｰﾄﾞ	Eye guard	1	1	1
B126	MS01A0477	ｱﾃｶﾞﾈ	Adapter	1	1	1
B127	MB60A0601	ｱｲｶﾞｰﾄﾞﾄﾘｯｹｲﾀ	Eye guard adapter	1	1	1
B128	M91910080	ｺﾞﾑｾﾝ	Rubber plug	1	1	1
B129	M90432038	ﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×30	Screw M4×30	1	1	1
B131	MA35A5339	ｶﾊﾞｰ	Cover	1	1	1
B132	MB61A2339	ﾘﾝｸｶﾊﾞｰ	Link cover	1	1	1

Ⓒ 本体関係（Ⅱ）
ARM BED AND IT'S ACCESSORIES（Ⅱ）



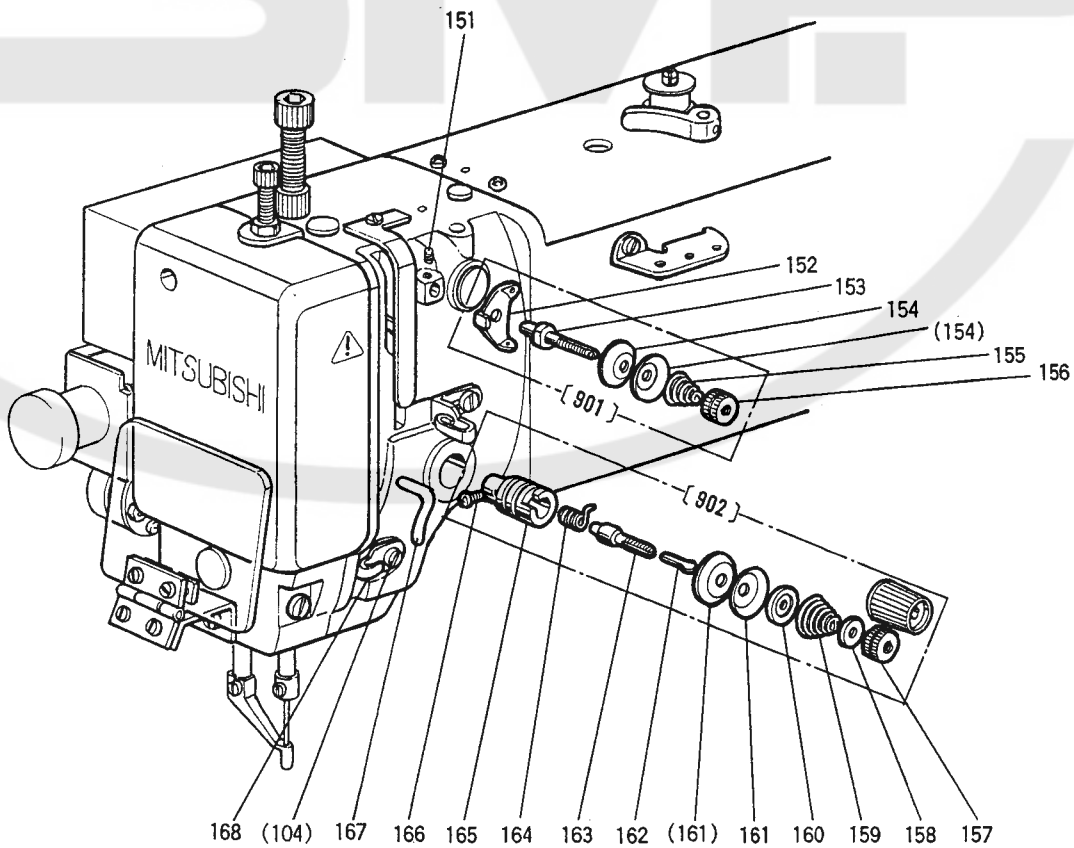
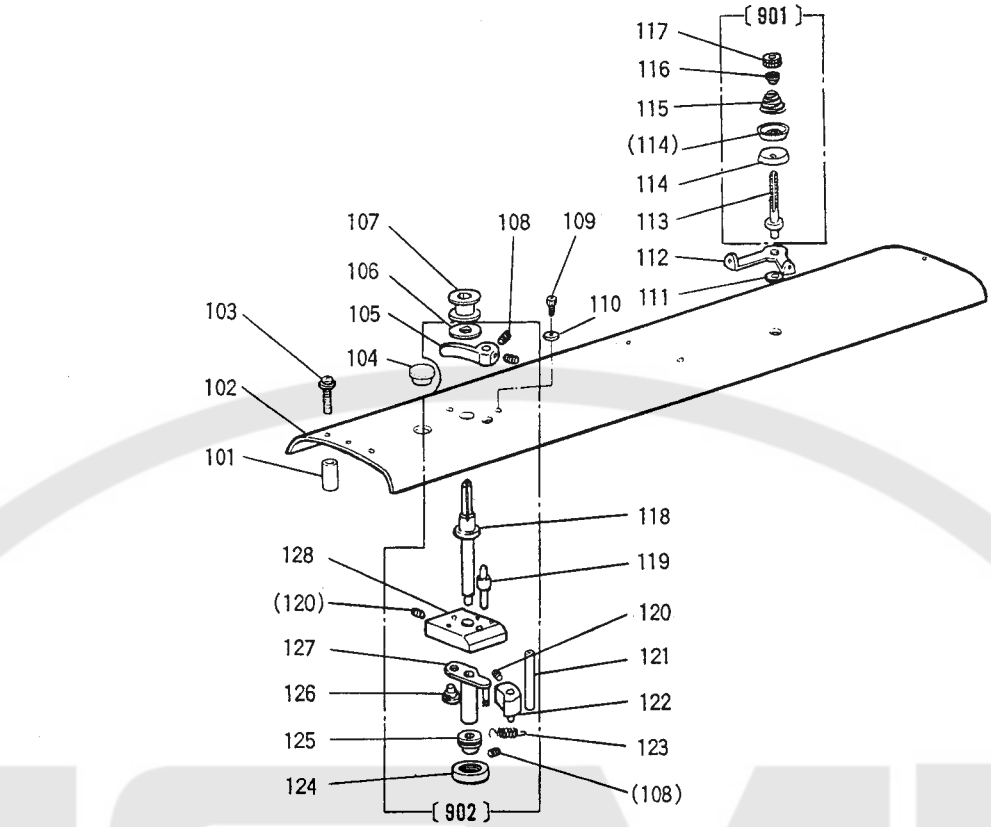


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
C101	M91910080	ｺﾞﾑｾﾝ	Rubber plug	4	4	4
C102	MA20A0584	ﾃﾝﾋﾞﾝｶﾊﾞｰ	Thread take-up cover	1	1	1
C103	MG43A0181	ｲﾄｱﾝﾅｲ(ﾅｶ)	Thread guide	1	1	1
C104	M90990002	ﾋﾗﾈｼﾞ M4×8	Screw M4×8	2	2	2
C105	MF36A1180	ｲﾄｱﾝﾅｲ	Thread guide	1	1	1
C106	MA45A0226	ｼﾞｬﾊﾞﾗﾄﾘﾂｹｲﾀ	Shutter adapter	1		
C107	M91058004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×6	Screw M4×6	4		
C108	MA45A0257	ｵｻｴｲﾀ	Shutter holder	1		
C109	M90859004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M3×6	Screw M3×6	4		
C110	MA45A1257	ｵｻｴｲﾀ	Shutter holder	1		
C111	MA45A0458	ｼﾞｬﾊﾞﾗ	Shutter	1		
C151	M91053020	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞ M4×6	Screw M4×6	1	1	1
C152	MF90A0181	ｲﾄｱﾝﾅｲ(ﾌﾟﾘﾃﾝｼｮﾝ)	Thread guide	1	1	1
C153	MF00A0553	ﾁｮｳｼﾎﾞｳ	Thread tension stud	1	1	1
C154	MF10A1555	ﾁｮｳｼｻﾗ	Thread tension discs	2	2	2
C155	MF36A0245	ｴﾝｽｲﾊﾞﾈ	Thread tension spring	1	1	1
C156	M91101046	ﾂﾏﾐﾅｯﾄ	Thumb nut	1	1	1
C157	M91605045	ﾁｮｳｾﾂﾅｯﾄ	Thumb nut	1	1	1
C158	MT60A0802	ｶｲﾘﾄﾒ	Thumb nut revolution stopper	1	1	1
C159	MN50A1245	ｴﾝｽｲﾊﾞﾈ	Thread tension spring	1	1	1
C160	MM11A0556	ﾁｮｳｼｻﾗｵｻｴ	Thread tension releasing disc	1	1	1
C161	MF10A0555	ﾁｮｳｼｻﾗ	Thread tension discs	2	2	2
C162	M90204060	ﾋﾟﾝ	Thread tension releasing pin	1	1	1
C163	MF10A0553	ﾁｮｳｺﾎﾞｳ	Thread tension stud	1	1	1
C164	MF10A0187	ｲﾄﾄﾘﾘﾊﾞﾈ	Thread take-up spring	1	1	1
C165	MF10A0709	ﾌﾞｯｼｭ	Bushing	1	1	1
C166	M90901002	ﾋﾗﾈｼﾞ 9/64(40)×4	Screw 9/64(40)×4	1	1	1
C167	MF10A0181	ｲﾄｱﾝﾅｲ(ｼﾀ)	Thread guide	1	1	1
C168	MF70A1180	ｲﾄｱﾝﾅｲ	Thread guide	1	1	1
C901	MF00E0550	ﾁｮｳｾﾂｷ(ｸﾐ)(ﾌﾟﾘﾃﾝｼｮﾝ)	Pre-tension complete	1	1	1
C902	MA16E0210	ｳﾜｲﾄﾁｮｳｾﾂｷ(ｸﾐ)	Thread tension regulator	1	1	1

Ⓓ 本体関係（Ⅲ）
ARM BED AND IT'S ACCESSORIES（Ⅲ）



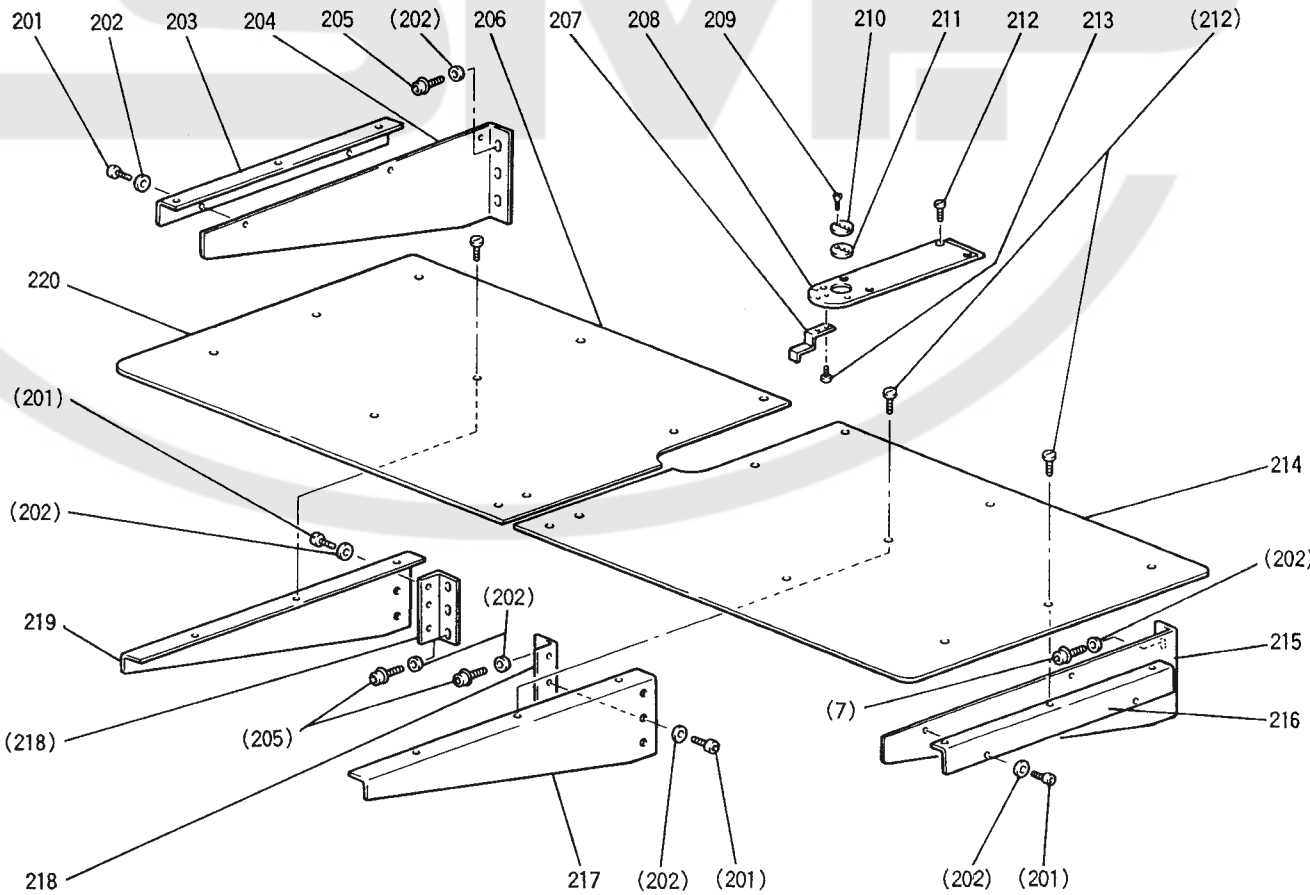


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
D101	MB62A0352	ｽﾍﾟｰｻ	Spacer	5	5	5
D102	MB45A0600	ﾄｯﾌﾟｶﾊﾞｰ	Top cover	1	1	1
D103	M91076004	SW-PWﾂｷﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM4×30	Screw M4×30	5	5	5
D104	M91910080	ｺﾞﾑｾﾝ	Rubber plug	1	1	1
D105	MA20A1950	ﾚﾊﾞｰ	Lever	1	1	1
D106	MA20A0476	ｽﾍﾟｰｻ	Spacer	1	1	1
D107	MA10A0123	ﾎﾞﾋﾞﾝ	Bobbin	1	1	1
D108	M91057020	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞM3×4	Screw M3×4	4	4	4
D109	M94002017	ｾﾌﾃｨｿｹｯﾄM4×8	Bolt M4×8	2	2	2
D110	M90421050	ｻﾞｶﾞﾈ4	Washer 4	3	3	3
D111	MG75A1476	ｽﾍﾟｰｻ	Spacer	1	1	1
D112	MS14A1180	ｲﾄｱﾝﾅｲ	Thread guide	1	1	1
D113	MS14A0553	ﾁｮｳｼﾎﾞｳ	Thread tension stud	1	1	1
D114	MF10A0555	ﾁｮｳｼｻﾞﾗ	Thread tension disc	2	2	2
D115	MM11A0245	ｴﾝｽｲﾊﾞﾈ	Thread tension spring	1	1	1
D116	MM11A0702	ﾊﾞﾈｱﾝﾅｲ	Spring guide	1	1	1
D117	M91602046	ﾂﾏﾐﾅｯﾄ	Thumb nut	1	1	1
D118	MA04A1530	ﾀﾞﾝﾂｷｼﾞｸ	Driven shaft	1	1	1
D119	MA04A2530	ﾀﾞﾝﾂｷｼﾞｸ	Shaft	1	1	1
D120	M91055020	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞM4×4	Screw M4×4	2	2	2
D121	M90601064	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ6×56	Spring pin 6×56	1	1	1
D122	MS14A0350	ｶﾑ	Cam	1	1	1
D123	MS14A0572	ﾂﾙﾏｷﾊﾞﾈ	Helical spring	1	1	1
D124	MS03A0417	ｺﾞﾑﾜ	Tire	1	1	1
D125	MA20A0194	ｲﾄﾏｷｸﾞﾙﾏ	Wheel	1	1	1
D126	M99006063	ﾂﾊﾞﾂｷｼﾞｸ	Pin	1	1	1
D127	MB60E2750	ﾌﾞｯｼｭｸﾐﾀﾃ	Bushing assy	1	1	1
D128	MB60A1601	ﾄﾘﾂｹﾀﾞｲ	Bracket	1	1	1
E901	MS14E0180	ﾁｮｳｾﾂｷｸﾐﾀﾃ	Thread tension regulator assy	1	1	1
E902	MB60E0190	ｲﾄﾏｷｿｳﾁ	Bobbin winder assy	1	1	1
D201	M95003017	ｾﾌﾃｨｿｹｯﾄ M5×8	Bolt M5×8	10	10	10
D202	M90511050	ｻﾞｶﾞﾈ 5	Washer 5	22	22	22
D203	MA45A2426	ｻｻｴｶﾅｸﾞ(ﾋﾀﾞﾘ)	Bracket (L)	1	1	1
D204	MA45A1361	Lｶﾞﾀｶﾅｸﾞ(ﾋﾀﾞﾘ)	L-Bracket (L)	1	1	
	MA61A1361	Lｶﾞﾀｶﾅｸﾞ(ﾋﾀﾞﾘ)	L-Bracket (L)			1
D205	M95002017	ｾﾌﾃｨｿｹｯﾄ M5×12	Bolt M5×12	12	12	12
D206	MA45A0473	ｽﾍﾞﾘｲﾀ(ﾋﾀﾞﾘ)	Slide plate (L)	1	1	
	MA61A0473	ｽﾍﾞﾘｲﾀ(ﾋﾀﾞﾘ)	Slide plate (L)			1
D207	MS01A0192	ｲﾀﾊﾞﾈ	Leaf spring	1	1	1
D208	MB45A0472	ｽﾍﾞﾘｲﾀ	Slide plate	1	1	1
D209	M90605010	ｻﾗﾈｼﾞ(56)×2.8	Screw (56)×2.8	2	2	2
D210	MS03A1101	ﾊﾘｲﾀ	Needle plate	1	1	1
D211	MS01A1476	ｽﾍﾟｰｻ	Spacer	1	1	1
D212	M90990002	ﾋﾗﾈｼﾞ M4×8	Screw M4×8	20	20	20
D213	M90906003	ﾏﾙﾋﾗﾈｼﾞ 9/64(40)×3.2	Screw 9/64(40)×3.2	2	2	2
D214	MA45A0474	ｽﾍﾞﾘｲﾀ(ﾐｷﾞ)	Slide plate (R)	1	1	
	MA61A0474	ｽﾍﾞﾘｲﾀ(ﾐｷﾞ)	Slide plate (R)			1
D115	MA45A0361	Lｶﾞﾀｶﾅｸﾞ(ﾐｷﾞ)	L-Bracket (R)	1	1	
	MA61A0361	Lｶﾞﾀｶﾅｸﾞ(ﾐｷﾞ)	L-Bracket (R)			1
D216	MB45A0426	ｻｻｴｶﾅｸﾞ(ﾐｷﾞ)	Bracket (R)	1	1	1
D217	MB45A1426	ｻｻｴｶﾅｸﾞ(ﾐｷﾞ)	Bracket (R)	1	1	1
D218	MA20A0361	Lｶﾞﾀｶﾅｸﾞ	L-Bracket	2	2	2
D219	MB45B1426	ｻｻｴｶﾅｸﾞ(ﾋﾀﾞﾘ)	Bracket (L)	1	1	1
D220	MA45A0797	ﾎｺﾞﾌｨﾙﾑ	Slide plate guard film	1	1	
	MA61A0797	ﾎｺﾞﾌｨﾙﾑ	Slide plate guard film			1

Ⓔ 本体関係（Ⅳ）
ARM BED AND IT'S ACCESSORIES（Ⅳ）

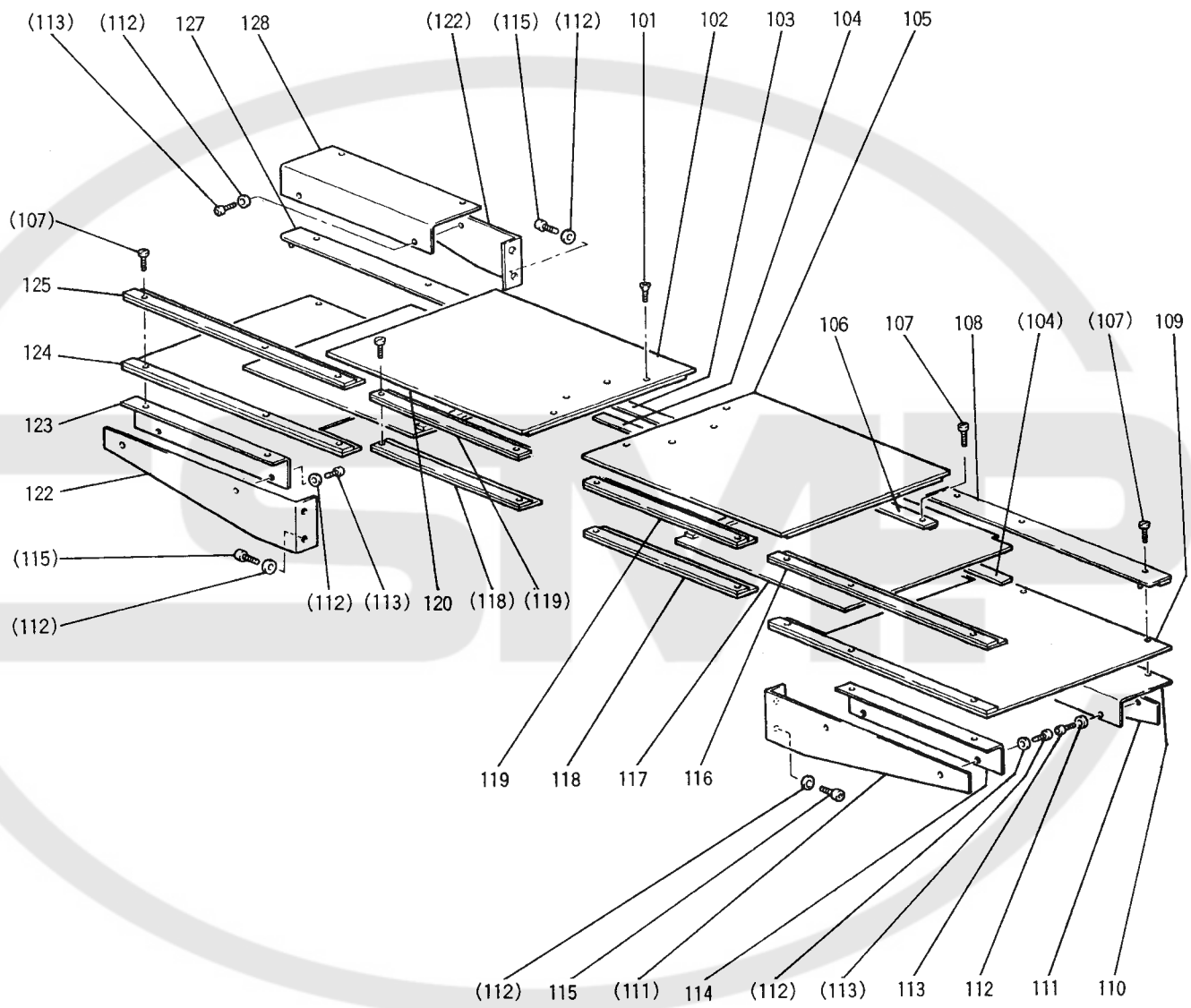


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
E101	M90352037	PｻﾗﾈｼﾞM3×6	Screw M3×6	8	8	8
E102	MA45A4339	Xｶﾊﾞｰｲﾀ(ﾋﾀﾞﾘ)	X-Cover plate (L)	1	1	
	MA61A4339	Xｶﾊﾞｰｲﾀ(ﾋﾀﾞﾘ)	X-Cover plate (L)			1
E103	MB45B1359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾋﾀﾞﾘ)	Cover guide (L)	1	1	
	MA61A0359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾋﾀﾞﾘ)	Cover guide (L)			1
E104	MB45A0476	ｽﾍﾟｰｻ	Spacer	2	2	2
E105	MA45A5339	Xｶﾊﾞｰｲﾀ(ﾐｷﾞ)	X-Cover plate (R)	1	1	
	MA61A5339	Xｶﾊﾞｰｲﾀ(ﾐｷﾞ)	X-Cover plate (R)			1
E106	MB45A1359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾐｷﾞ)	Cover guide (R)	1	1	
	MA61A1359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾐｷﾞ)	Cover guide (R)			1
E107	M90990002	ﾋﾗﾈｼﾞ M4×8	Screw M4×8	20	20	20
E108	MB45A2359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾐｷﾞ)	Cover guide (R)	1	1	
	MB69A0359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾐｷﾞ)	Cover guide (R)			1
E109	MB45A0339	X-Yｶﾊﾞｰ(ﾐｷﾞ)	Cover (R)	1	1	
	MB69A0339	X-Yｶﾊﾞｰ(ﾐｷﾞ)	Cover (R)			1
E110	MB45A2426	ｻｻｴｶﾅｸﾞ(ﾐｷﾞ)	Bracket (R)	1	1	
	MB69A0426	ｻｻｴｶﾅｸﾞ(ﾐｷﾞ)	Bracket (R)			1
E111	MA45A2361	Lｶﾞﾀｶﾅｸﾞ(ﾐｷﾞ)	L-Bracket (R)	1	1	
	MA61A2361	Lｶﾞﾀｶﾅｸﾞ(ﾐｷﾞ)	L-Bracket (R)			1
E112	M90511056	ｻﾞｶﾞﾈ 5	Washer 5	8	8	8
E113	M95003017	ｾﾌﾃｨｿｹｯﾄ M5×8	Bolt M5×8	8	8	8
E114	MB45A3426	ｻｻｴｶﾅｸﾞ(ﾐｷﾞ)	Bracket (R)	1	1	
	MB69A1426	ｻｻｴｶﾅｸﾞ(ﾐｷﾞ)	Bracket (R)			1
E115	M95002017	ｾﾌﾃｨｿｹｯﾄ M5×12	Bolt M5×12	8	8	8
E116	MA45A3359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾐｷﾞ)	Cover guide (R)	1	1	
	MA61A3359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾐｷﾞ)	Cover guide (R)			1
E117	MB45A1339	Xｲﾄﾞｳｶﾊﾞｰ(ﾐｷﾞ)	X-Movable cover (R)	1	1	
	MB69A1339	Xｲﾄﾞｳｶﾊﾞｰ(ﾐｷﾞ)	X-Movable cover (R)			1
E118	MB45A1476	ｽﾍﾟｰｻ	Spacer	2	2	2
E119	MA45A0359	ｶﾊﾞｰｶﾞｲﾄﾞ	Cover guide	2	2	2
E120	MB45B1339	Xｲﾄﾞｳｶﾊﾞｰ(ﾋﾀﾞﾘ)	X-Movable cover (L)	1	1	
	MB69B1339	Xｲﾄﾞｳｶﾊﾞｰ(ﾋﾀﾞﾘ)	X-Movable cover (L)			1
E122	MA45A3361	Lｶﾞﾀｶﾅｸﾞ(ﾋﾀﾞﾘ)	L-Bracket (L)	1	1	
	MA61A3361	Lｶﾞﾀｶﾅｸﾞ(ﾋﾀﾞﾘ)	L-Bracket (L)			1
E123	MB45B3426	ｻｻｴｶﾅｸﾞ(ﾋﾀﾞﾘ)	Bracket (L)	1	1	
	MB69B1426	ｻｻｴｶﾅｸﾞ(ﾋﾀﾞﾘ)	Bracket (L)			1
E124	MB45B0339	X-Yｶﾊﾞｰ(ﾋﾀﾞﾘ)	Cover (L)	1	1	
	MB69B0339	X-Yｶﾊﾞｰ(ﾋﾀﾞﾘ)	Cover (L)			1
E125	MA45A6359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾋﾀﾞﾘ)	Cover guide (L)	1	1	
	MA61A6359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾋﾀﾞﾘ)	Cover guide (L)			1
E127	MB45B2359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾋﾀﾞﾘ)	Cover guide (L)	1	1	
	MB69B0359	ｶﾊﾞｰｶﾞｲﾄﾞ(ﾋﾀﾞﾘ)	Cover guide (L)			1
E128	MB45B2426	ｻｻｴｶﾅｸﾞ(ﾋﾀﾞﾘ)	Bracket (L)	1	1	
	MB69B0426	ｻｻｴｶﾅｸﾞ(ﾋﾀﾞﾘ)	Bracket (L)			1

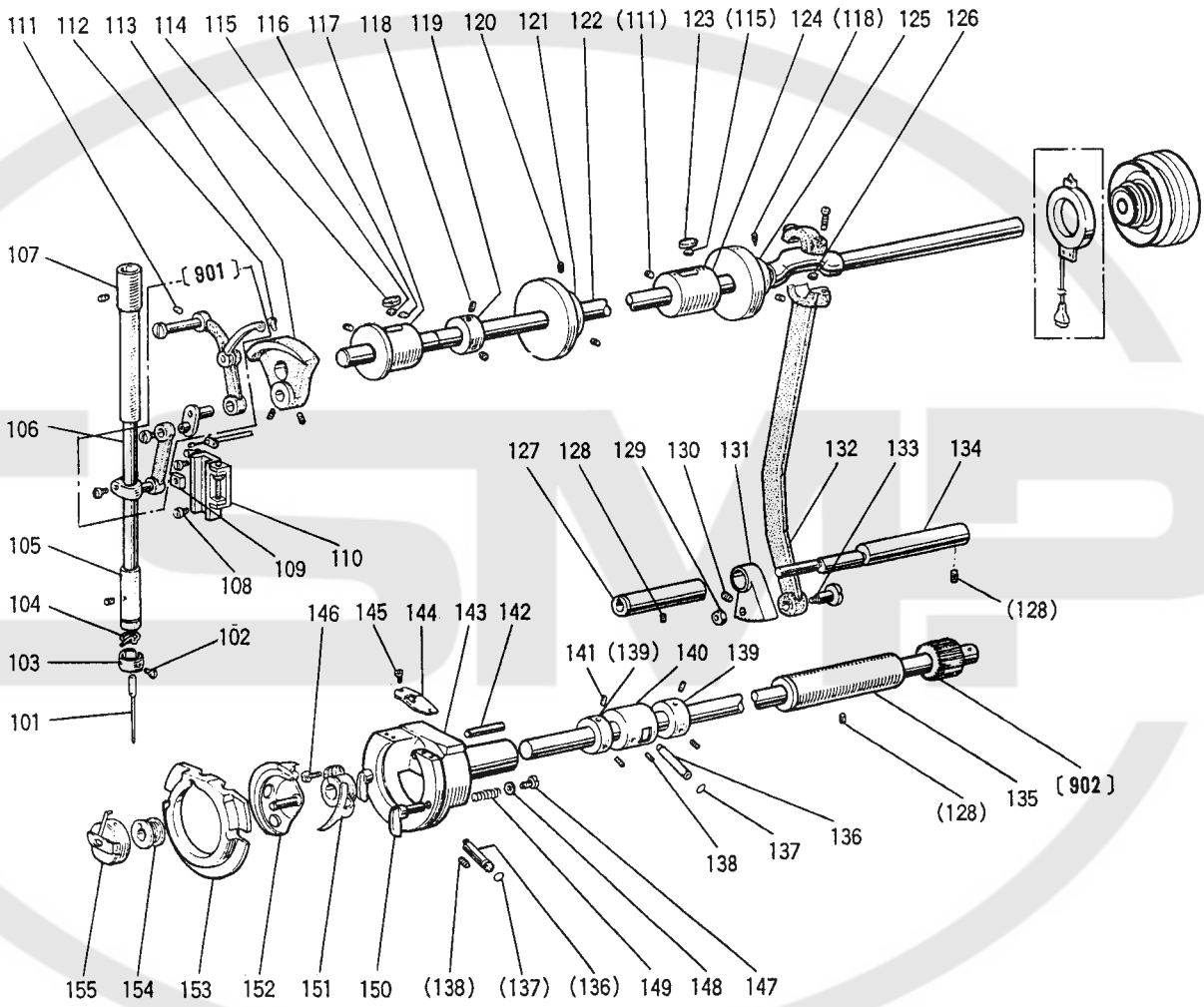

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Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
F101	MS02A0128	ミシンバリDP×17 #18	Needle DP×17 #18	1	1	1
F102	M90815002	ヒラネジ 1/8(44)×4.5	Screw 1/8(44)×4.5	1	1	1
F103	MF21D0181	イトアンナイ	Thread guide	1	1	1
F104	MF01A0181	イトアンナイ	Thread guide	1	1	1
F105	MG30A0664	ハリボウメタル(シタ)	Needle bar bushing (lower)	1	1	1
F106	MS01A0660	ハリボウ	Needle bar	1	1	1
F107	MS01A0663	ハリボウメタル(ウエ)	Needle bar bushing (upper)	1	1	1
F108	M90990002	ヒラネジ M4×8	Screw M4×8	2	2	2
F109	MF10A0325	カクコマ	Square block	1	1	1
F110	MS03E0662	ハリクガイド(クミ)	Guide complete	1	1	1
F111	M91221001	トメネジ M5×12	Screw M5×12	2	2	2
F112	M91802006	ボウサキヒラネジ	Screw	1	1	1
F113	MS01A0383	クランク	Crank	1	1	1
F114	MA20A0740	フェルト	Felt	1	1	1
F115	MS10A1740	フェルト	Felt	2	2	2
F116	MV88A0740	フェルト	Felt	1	1	1
F117	MS10A0232	ウワジクメタル(ヒダリ)	Arm shaft bushing (left)	1	1	1
F118	M91602001	トメネジ 1/4(40)×4	Screw 1/4(40)×4	4	4	4
F119	MF70A0352	カラー	Collar	1	1	1
F120	M94006021	ロッカクアナツキトメネジ M4×6	Screw M4×6	2	2	2
F121	MS14A0682	プーリー	Pulley	1	1	1
F122	MA20A0230	ウワジク	Arm shaft	1	1	1
F123	MF60A2740	フェルト	Felt	1	1	1
F124	MS10A0234	ウワジクメタル(ナカ)	Arm shaft bushing (middle)	1	1	1
F125	MS01A0350	イトキリカム	Thread trimmer cam	1	1	1
F126	MB60A0740	フェルト	Felt	1	1	1
F127	MS01A0833	メタル	Bushing	1	1	1
F128	M91222001	トメネジ M5×6	Screw M5×6	3	3	3
F129	M91802045	ナット	Nut	1	1	1
F130	M95004021	ロッカクアナツキトメネジ M5×5	Screw M5×5	1	1	1
F131	MS01A0508	セクタハグルマ	Sector gear	1	1	1
F132	MB45A0956	レンセツカン	Connecting rod	1	1	1
F133	M98003015	タンツキヒラネジ M8	Screw M8	1	1	1
F134	MS01A0891~	ヨウトウシク	Rock shaft	1	1	1
F135	MS03A8833	メタル	Hook shaft bushing	1	1	1
F136	MS01A0761	ヘンシンシク	Eccentric shaft	1	1	1
F137	M90502085	Oリング	O-ring	1	1	1
F138	M91559001	クボミサキトメネジ M6×6	Screw M6×6	2	2	2
F139	MM11A0352	カラー	Collar	2	2	2
F140	MB62A0453	シタシクメタル(ナカ)	Hook shaft bushing (middle)	1	1	1
F141	M91503001	トメネジ 15/64(28)×4.5	Screw 15/64(28)×4.5	4	4	4
F142	M90001060	ヘイコウピンm6-4×18	Pin m6-4×18	1	1	1
F143	MS01A0121	ソトカマ	Outer hook	1	1	1
F144	MS01A0329	カマイトアンナイ	Thread guide	1	1	1
F145	M90853002	ヒラネジ 1/8(40)×4	Screw 1/8(40)×4	2	2	2
F146	M95001021	ロッカクアナツキボルトM5×16	Bolt M5×16	1	1	1
F147	M90802003	マルヒラネジ 1/8(44)×4.5	Screw 1/8(44)×4.5	2	2	2
F148	M93006050	サカネ3.5	Washer 3.5	2	2	2
F149	MS01A0572	ツルマキバネ	Spring	2	2	2
F150	MS09A0950	カマオサエツマミ	Hook clamp	2	2	2
F151	MS01A0611	ドライバー	Hook driver	1	1	1
F152	MA10A0120	ナカカマ	Inner hook	1	1	1
F153	MS01A0616	ナカカマオサエ	Hook retaine	1	1	1
F154	MA10A0123	ボビン	Bobbin	1	1	1
F155	MS17A0125	ボビンケース	Bobbin case	1	1	1
F901	MS01E0580	テンビンハリククミタテ	Thread take-up lever assy	1	1	1
F902	MA20E0450	シタシククミタテ	Hook shaft complete	1	1	1

G 中押え機構（Ⅰ）
PRESSER BAR LIFTING MECHANISM（Ⅰ）

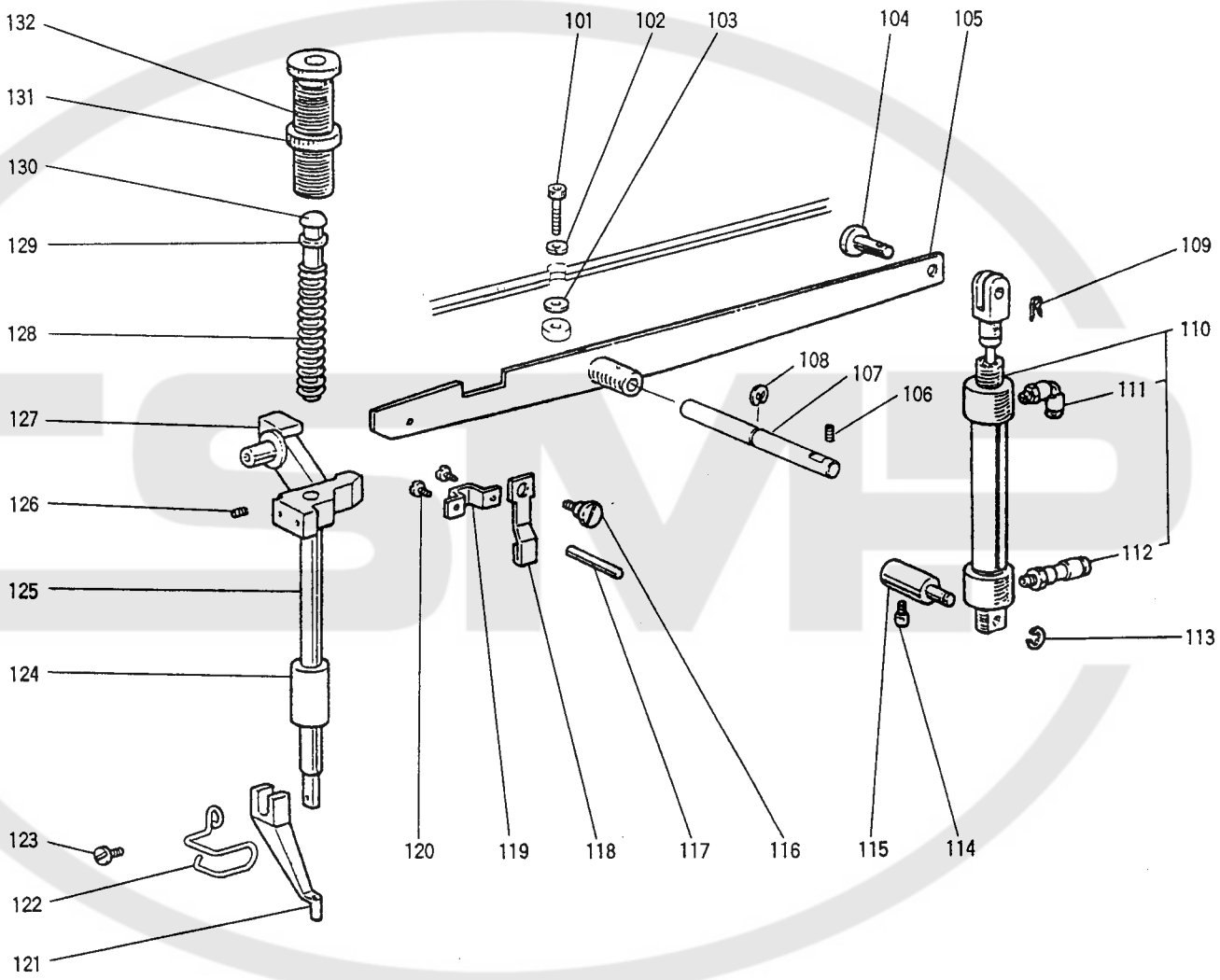


Fig No.	部品コード Parts No.	品名	Description	数量 Amt. Req. B4516	B4516L	B6019
G101	M99001021	ﾛｯｶｸｱﾅﾂｷﾎﾞﾙﾄM8×40	Bolt M8×40	1	1	1
G102	M92075045	ﾅｯﾄM8	Nut M8	1	1	1
G103	M90823050	ｻﾞｶﾞﾈ8	Washer 8	1	1	1
G104	M99008063	ﾀﾞﾝﾂｷﾋﾟﾝ	Pin	1	1	1
G105	MA20A0252	ｵｻｴｱｹﾞﾚﾊﾞｰ	Lifting lever	1	1	1
G106	M91051020	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞM4×8	Screw M4×8	1	1	1
G107	MA20A0454	ｼﾞｸ	Shaft	1	1	1
G108	M90604065	Eｶﾞﾀﾄﾒﾜ8	E-type retaning ring 8	1	1	1
G109	M90810060	ｽﾅｯﾌﾟﾋﾟﾝ8	Snap pin 8	1	1	1
G110	MB62A0434	ｴｱｰｼﾘﾝﾀﾞ	Air cylinder	1	1	1
G111	MS53A3571	ﾜﾝﾀｯﾁﾂｷﾞﾃ(ｴﾙﾎﾞ)	Quick joint	1	1	1
G112	MA16A0571	ﾜﾝﾀｯﾁﾂｷﾞﾃ(ｽﾄﾚｰﾄ)	Quick joint	1	1	1
G113	M90511065	Eｶﾞﾀﾄﾒﾜ6	E-Type retaining ring 6	1	1	1
G114	M95003021	ﾛｯｶｸｱﾅﾂｷﾎﾞﾙﾄM5×12	Bolt M5×12	1	1	1
G115	MS10A0530	ﾀﾞﾝﾂｷｼﾞｸ	Shaft	1	1	1
G116	M91225015	ﾀﾞﾝﾂｷﾋﾗﾈｼﾞ3/16(28)×5.5	Screw 3/16(28)×5.5	1	1	1
G117	M90427060	ｲﾄﾕﾙﾒﾋﾟﾝ	Thread releasing pin	1	1	1
G118	MG30B1222	ｲﾄﾕﾙﾒ	Thread releasing cam	1	1	1
G119	MG30A0154	ｱﾝﾅｲｶﾞﾈ	Guide plate	1	1	1
G120	M91058004	SW-PWﾂｷﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM4×6	Screw M4×6	2	2	2
G121	MV30A0256	ﾅｶｵｻｴ(φ3)	Presser foot (φ3)	1	1	1
G122	MB62A0626	ﾆｰﾄﾞﾙｶﾞｰﾄﾞ	Finger protector	1	1	1
G123	M90922002	ﾋﾗﾈｼﾞ9/64(40)×8	Screw 9/64(40)×8	1	1	1
G124	MF10A0267	ｵｻｴﾎﾞｳﾒﾀﾙ	Presser bar bushing	1	1	1
G125	MS03A0262	ｵｻｴﾎﾞｳ	Presser bar	1	1	1
G126	M91506001	ｱﾀﾏﾅｼﾄﾒﾈｼﾞ15/64(28)×7	Screw 15/64(28)×7	1	1	1
G127	MG10B0265	ｵｻｴﾎﾞｳﾀﾞｷ	Presser bar holder	1	1	1
G128	MS03A1572	ｵｻｴﾊﾞﾈ	Presser bar spring	1	1	1
G129	M90625050	ｺｻﾞｶﾞﾈ6	Washer 6	1	1	1
G130	MS03A0703	ｱﾝﾅｲﾎﾞｳ	Presser bar guide	1	1	1
G131	M93202047	ﾄｸｼｭﾅｯﾄ1/2(28)	Special nut 1/2(28)	1	1	1
G132	M93213035	ﾂﾏﾐﾈｼﾞ1/2(28)×43	Thumb screw 1/2(28)×43	1	1	1

G 中押え機構（Ⅱ）
PRESSER BAR LIFTING MECHANISM（Ⅱ）

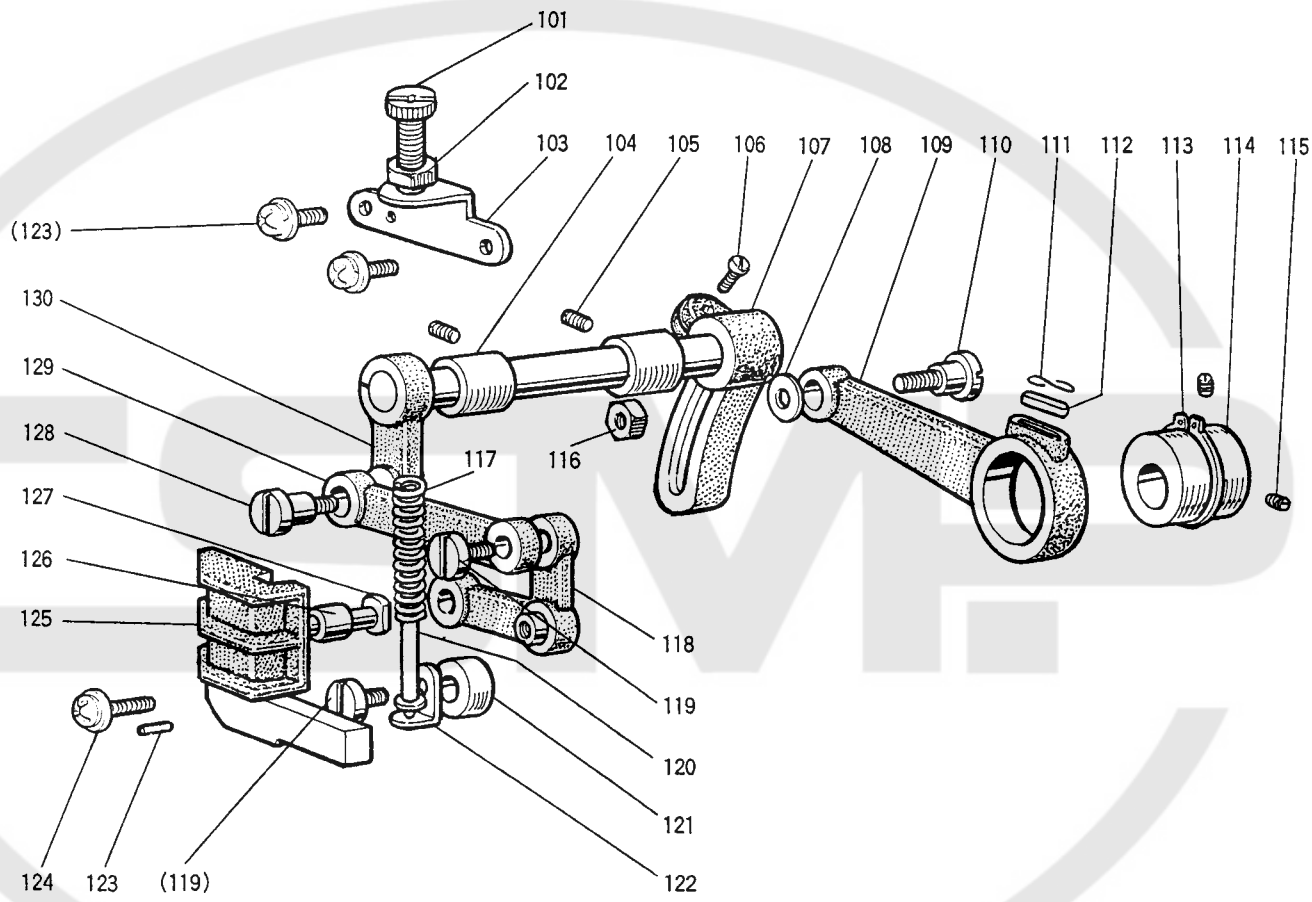


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
H101	M91801035	ﾁｮｳｾﾂﾈｼﾞ9/32(28)×35	Adjusting screw 9/32(28)	1	1	1
H102	M91802045	ﾅｯﾄ9/32(28)	Nut 9/32(28)	1	1	1
H103	MG30B1261	ｵｻｴﾁｮｳｾｯﾀﾞｲ	Presser regulating bracket	1	1	1
H104	MG30A0833	ｼﾞｮｳﾌﾞｼﾞｮｳｹﾞﾒﾀﾙ	bushing	2	2	2
H105	M94006021	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞM4×6	Screw M4×6	2	2	2
H106	M91603003	ﾏﾙﾋﾗﾈｼﾞ1/4(40)×16	Screw 1/4(40)×16	1	1	1
H107	MS07A0463	ｼﾞｮｳﾌﾞｼﾞｮｳｹﾞｵｸﾘｳﾃﾞ(ﾐｷﾞ)	Foot lifting rock shaft crank	1	1	1
H108	M90624050	ｻﾞｶﾞﾈ6	Washer 6	1	1	1
H109	MG30B0384	ｸﾗﾝｸﾛｯﾄﾞ	Crank rod	1	1	1
H110	M91551015	ﾄｸｼｭﾎﾞﾙﾄ	Special bolt	1	1	1
H111	MF60A0700	ｾﾝｻｲｸﾊﾞﾈ	Spring	1	1	1
H112	MG30B0740	ﾌｪﾙﾄ	Felt	1	1	1
H113	M90325065	Cｶﾞﾀﾄﾒﾜ25	C-type snap ring 25	1	1	1
H114	MG30A0760	ﾍﾝｼﾝﾘﾝ	Foot lifting eccentric	1	1	1
H115	M91606001	ｱﾀﾏﾅｼﾄﾒﾈｼﾞ1/4(40)×6	Screw 1/4(40)×6	2	2	2
H116	M91572045	Uﾅｯﾄ6×0.75	U-nut 6×0.75	1	1	1
H117	MS03A2572	ﾂﾙﾏｷﾊﾞﾈ	Spring	1	1	1
H118	MG10B0763	ﾍﾞﾙｸﾗﾝｸ	Bell crank	1	1	1
H119	M91210002	ﾋﾗﾈｼﾞ3/16(28)×10	Screw 3/16(28)×10	2	2	2
H120	MS03A6154	ｱﾝﾅｲｶﾞﾈｸﾐﾀﾃ	Spring guide bar assy	1	1	1
H121	MS02A2352	ｶﾗｰ	Collar	1	1	1
H122	MG30B0226	ｵｻｴｲﾀｻｻｴ	Guide bar adapter	1	1	1
H123	M90301064	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ3×8	Spring pin 3×8	2	2	2
H124	M91054004	SW-PWﾂｷﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM4×8	Screw M4×8	4	4	4
H125	MS05A0765	ﾍﾞﾙｸﾗﾝｸｶﾞｲﾄﾞ	Bell crank guide	1	1	1
H126	MG10B0411	ｺﾛ	Roller	1	1	1
H127	M90507063	ｺﾛｼﾞｸ	Bell crank guide pin	1	1	1
H128	M91681015	ﾀﾞﾝﾂｷﾋﾗﾈｼﾞ1/4(40)×12	Screw 1/4(40)×12	1	1	1
H129	MG10B0910	ﾚﾝｾﾂｶﾝ	Link	1	1	1
H130	MS02E0460	ｼﾞｮｳﾌﾞｼﾞｮｳｹﾞｳﾃﾞｸﾐﾀﾃ(ﾋﾀﾞﾘ)	Foot lifting rock shaft assy	1	1	1

J 糸切り機構
THREAD TRIMMING MECHANISM

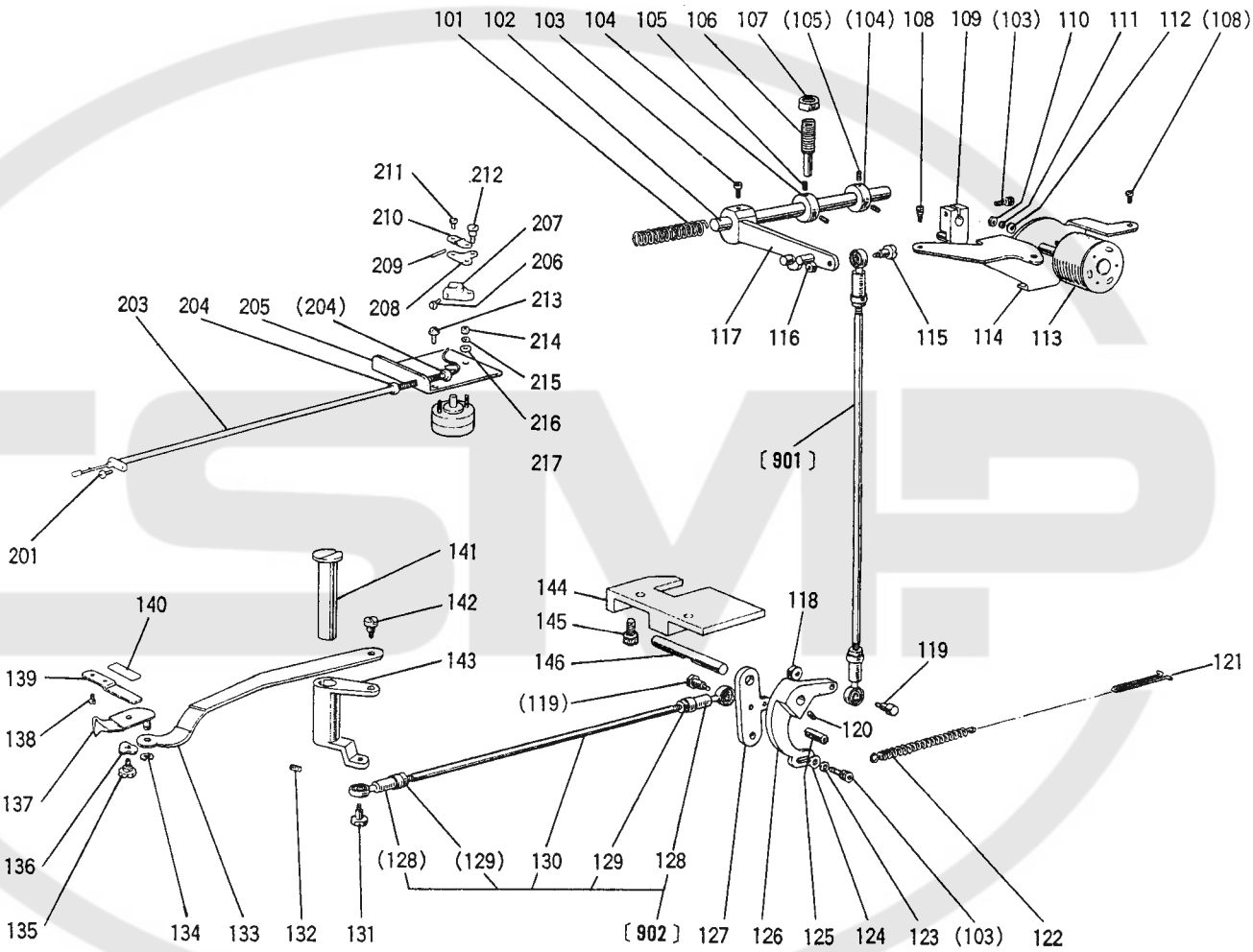


Fig No.	部品コード Parts No.	品名	Description	数量 Amt. Req. B4516	B4516L	B6019
J101	MS01A1572	ﾂﾙﾏｷﾊﾞﾈ	Spring	1	1	1
J102	MS01A0348	ｶﾑｼﾞｸ	Shaft	1	1	1
J103	M95003021	ﾛｯｶｸｱﾅﾂｷﾎﾞﾙﾄM5×12	Bolt M5×12	3	3	3
J104	MS01A3352	ｶﾗｰ	Collar	2	2	2
J105	M95004021	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞM5×5	Screw M5×5	4	4	4
J106	M91504005	ﾎﾞｳｻｷﾄﾒﾈｼﾞ15/64(28)×32	Screw 15/64(28)×32	1	1	1
J107	M91503045	ﾅｯﾄ15/64(28)	Nut15/64(28)	1	1	1
J108	M91056004	SW-PWﾂｷﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM4×10	Screw M4×10	3	3	3
J109	MS01E0430	ｲﾄｷﾘｻﾄﾞｳｳﾃﾞ	Crank complete	1	1	1
J110	M91003045	ﾅｯﾄM4	Nut M4	2	2	2
J111	M90401053	ﾊﾞﾈｻﾞｶﾞﾈ4	Spring washer 4	2	2	2
J112	M90450050	ｻﾞｶﾞﾈ4	Washer 4	2	2	2
J113	MB60E2519	ﾛｰﾀﾘｿﾚﾉｲﾄﾞｸﾐﾀﾃ(ｲﾄｷﾘ)	Rotary solenoid assy	1	1	1
J114	MS14A3601	ｿﾚﾉｲﾄﾞﾄﾘﾂｹｲﾀ	Solenoid adapter	1	1	1
J115	M91101015	ﾀﾞﾝﾂｷﾋﾗﾈｼﾞ11/64(40)	Screw 11/64(40)	1	1	1
J116	M91104045	ﾅｯﾄ11/64(40)	Screw 11/64(40)	1	1	1
J117	MS01E0351	ｶﾑﾂｲｼﾞｭｳﾃﾞｸﾐﾀﾃ	Cam follower assy	1	1	1
J118	M91104045	ﾅｯﾄ11/64(40)	Nut 11/64(40)	1	1	1
J119	M90101017	ﾀﾞﾝﾂｷﾎﾞﾙﾄ11/64(40)	Bolt 11/64(40)	2	2	2
J120	M91108001	ﾄﾒﾈｼﾞ11/64(40)×5.5	Screw 11/64(40)×5.5	1	1	1
J121	MS08A0708	ﾊﾞﾈｶｹ	Hook	1	1	1
J122	MS01A2572	ﾂﾙﾏｷﾊﾞﾈ	Spring	1	1	1
J123	M90501053	ﾊﾞﾈｻﾞｶﾞﾈ5	Spring washer 5	1	1	1
J124	M90550050	ｻﾞｶﾞﾈ5	Washer 5	1	1	1
J125	M91109045	ﾅｯﾄ11/64(40)	Nut 11/64(40)	1	1	1
J126	MS01A1392	ﾒｽｸﾄﾞｳｳﾃﾞ	Knife driving crank	1	1	1
J127	MS01A2392	ﾒｽｸﾄﾞｳｳﾃﾞ	Knife driving crank	1	1	1
J128	MN55A0975	ﾛｯﾄﾞｴﾝﾄﾞ	Rod end bearing	2	2	2
J129	M91372045	ﾅｯﾄM5	Nut M5	2	2	2
J130	M95008023	ｳｴｺﾐﾎﾞﾙﾄ	Stud bolt	1	1	1
J131	M91101017	ﾀﾞﾝﾂｷﾎﾞﾙﾄ11/64(40)	Screw 11/64(40)	1	1	1
J132	M91222001	ｸﾎﾞﾐｻｷﾄﾒﾈｼﾞM5×6	Screw M5×6	1	1	1
J133	MA20A1910	ﾘﾝｸ	Link	1	1	1
J134	M90513065	Eｶﾞﾀﾄﾒﾜ2.5	Snap ring 2.5	1	1	1
J135	M91129015	ﾀﾞﾝﾂｷﾋﾗﾈｼﾞ11/64(40)	Screw 11/64(40)	1	1	1
J136	M96004052	ﾅﾐｻﾞｶﾞﾈ6	Wave washer 6	1	1	1
J137	MS03B0838	ｲﾄﾞｳﾒｽｸﾐﾀﾃ	Movable knife	1	1	1
J138	M90906003	ﾏﾙﾋﾗﾈｼﾞ9/64(40)×3.2	Screw 9/64(40)×3.2	2	2	2
J139	MS14A0838	ｺﾃｲﾒｽ	Fixed knife	1	1	1
J140	MA10B2476	ｽﾍﾟｰｻ(ﾒｽﾖｳ)	Spacer	1	1	1
J141	MB62A0454	ﾂﾊﾞﾂｷｼﾞｸ	Shoulder pin	1	1	1
J142	M91214015	ﾀﾞﾝﾂｷﾋﾗﾈｼﾞ3/16(28)	Screw 3/16(28)	1	1	1
J143	MA20A0392	ﾒｽｸﾄﾞｳｳﾃﾞ	Knife driving crank	1	1	1
J144	MS14A3603	ﾄﾘﾂｹﾀﾞｲ	Bracket	1	1	1
J145	M96062021	ﾛｯｶｸｱﾅﾂｷﾎﾞﾀﾝﾎﾞﾙﾄ M6×12	Bolt M6×12	2	2	2
J146	MS08A0454	ｼﾞｸ	Shaft	1	1	1
J201	M91054004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM4×8	Screw M4×8	1	1	1
J203	MA20E0746	ﾌﾚｷｼﾌﾞﾙﾜｲﾔｸﾐﾀﾃ	Flexible wire assy	1	1	1
J204	M92074045	ﾅｯﾄM5	Nut M5	2	2	2
J205	MA20A0603	ｿﾚﾉｲﾄﾞﾄﾘﾂｹﾀﾞｲ	Solenoid adapter	1	1	1
J206	M91112002	ﾋﾗﾈｼﾞ11/64(40)×12	Screw 11/64(40)×12	1	1	1
J207	MS07A0228	ｳﾃﾞ	Crank	1	1	1
J208	MF90A0361	ｶｹｶﾞﾈ	Bracket	1	1	1
J209	MN60A0750	ﾌﾞｯｼｭ	Holder	1	1	1
J210	MF36A0750	ﾌﾞｯｼｭ	Holder	1	1	1
J211	M90802002	ﾋﾗﾈｼﾞ1/8(44)×7	Screw 1/8(44)×7	2	2	2
J212	M91127015	ﾀﾞﾝﾂｷﾋﾗﾈｼﾞ11/64(40)	Screw 11/64(40)	1	1	1
J213	M91067004	SW-PWﾂｷﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM5×10	Screw M5×10	2	2	2
J214	M91003045	ﾅｯﾄM4	Nut M4	2	2	2
J215	M90401053	ﾊﾞﾈｻﾞｶﾞﾈ4	Spring washer 4	2	2	2
J216	M90450045	ｻﾞｶﾞﾈ4	Washer 4	2	2	2
J217	MB60E5519	ﾛｰﾀﾘｿﾚﾉｲﾄﾞｸﾐﾀﾃ(ｲﾄﾕﾙﾒ)	Rotaly solenoid assy	1	1	1
J901	MS01E0975	ﾛｯﾄﾞｴﾝﾄﾞｸﾐﾀﾃ	Connecting link assy	1	1	1
J902	MB45E0975	ﾛｯﾄﾞｴﾝﾄﾞｸﾐﾀﾃ	Connecting link assy	1	1	1

Ⓚ X-Yテーブル機構（Ⅰ）
X-Y TABLE MECHANISM（Ⅰ）

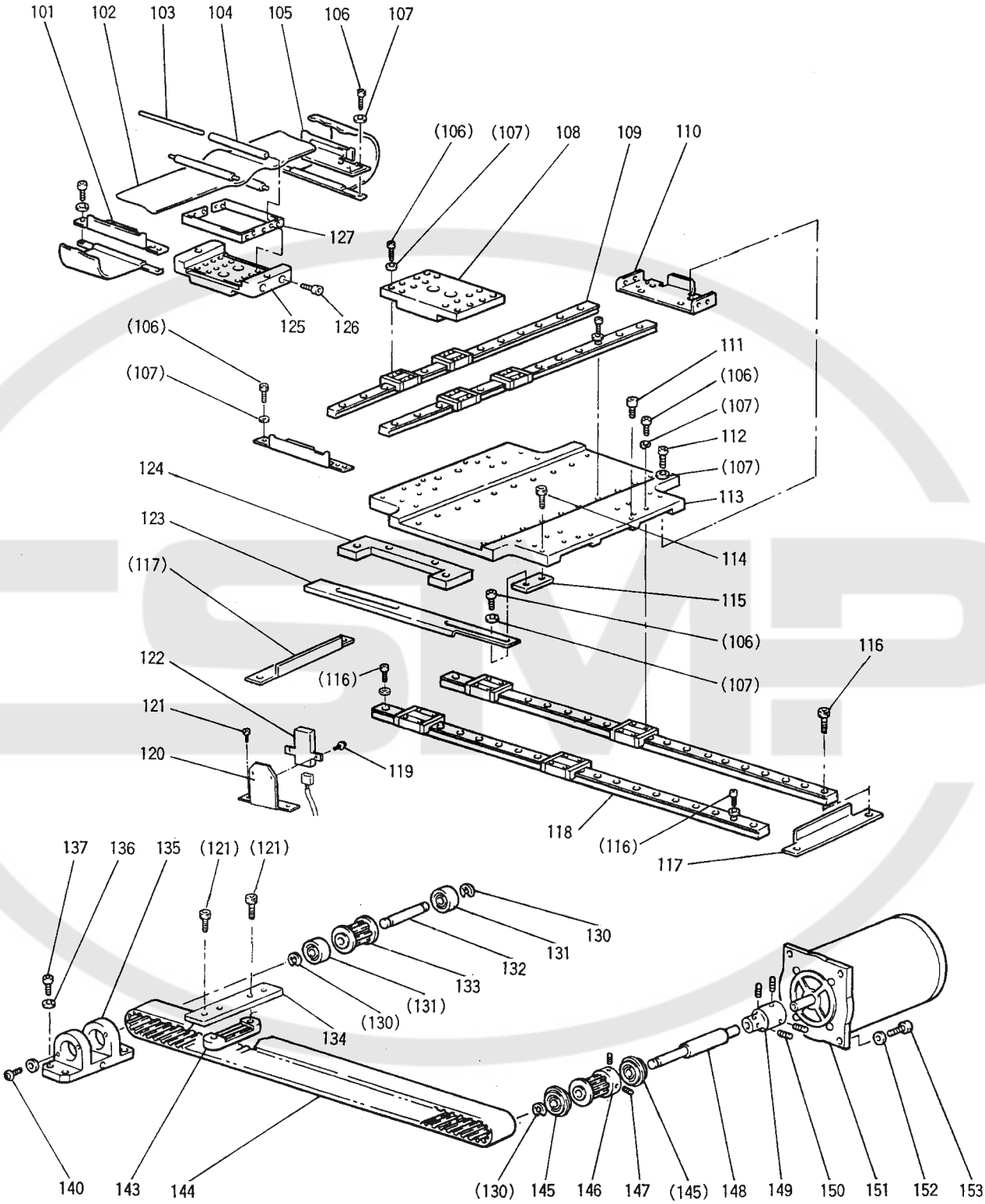


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
K101	MA45A0477	Yｼﾞｸｽﾄｯﾊﾟ	Y-Stopper	1	1	1
K102	MA45E0431	ｼｰﾄｶﾊﾞｰ(ｸﾐ)	Cover complete		1	1
K103	MA46A0971	ﾛｰﾗｼﾞｸ	Shaft		3	3
K104	MA46A0972	ｼｰﾄﾛｰﾗ	Roller		3	3
K105	MA46A0477	Yｼﾞｸｽﾄｯﾊﾟ	Y-Stopper		1	1
K106	M94003017	ｾﾌﾃｨｿｹｯﾄ M3×6	Bolt M3×6	62	62	62
K107	M90317050	ｻﾞｶﾞﾈ 3	Washer 3	76	76	84
K108	MA45A0957	Yｼﾞｸｲﾄﾞｳﾚｰｽ	Y-Movable race	1		
K109	MA20A2920	Yｼﾞｸﾘﾆｱｳｪｲ	Y-Linear way	2	2	2
K110	MA46A0477	Yｼﾞｸｽﾄｯﾊﾟ	Y-Stopper	1		
K111	M96001031	ｽﾍﾟｰｽﾎﾞﾙﾄ	Spacer bolt	8	8	8
K112	M94004017	ｾﾌﾃｨｿｹｯﾄ M3×16	Bolt M3×16	4	4	4
K113	MB45A0957	Xｼﾞｸｲﾄﾞｳﾚｰｽ	X-Movable race	1	1	1
K114	M94009017	ｾﾌﾃｨｿｹｯﾄ M3×12	Bolt M3×12	2	2	2
K115	MB45A0601	ﾄﾘｯｹｲﾀ	Adapter	2	2	2
K116	M94005037	ｾﾌﾃｨｿｹｯﾄ M3×10	Bolt M3×10	16	16	22
K117	MB45A0477	Xｼﾞｸｽﾄｯﾊﾟ	X-Stopper	2	2	2
K118	MA45A1920	Xｼﾞｸﾘﾆｱｳｪｲ	X-Linear way	2	2	
	MA61A1920	Xｼﾞｸﾘﾆｱｳｪｲ	X-Linear way			2
K119	M90861004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M3×8	Screw M3×8	2	2	2
K120	MB60A0408	ｹﾝｼｭﾂﾀﾞｲ	Adapter	1	1	1
K121	M94001017	ｾﾌﾃｨｿｹｯﾄ M4×10	Bolrt M4×10	6	6	6
K122	MB60A0406	ｷﾝｾﾂｽｲｯﾁ	Detector	1	1	1
K123	MB45A0407	Xｼﾞｸｹﾝｼｭﾂｲﾀ	Detector plate (X)	1	1	
	MB69A0407	Xｼﾞｸｹﾝｼｭﾂｲﾀ	Detector plate (X)			1
K124	MB45A1601	ﾄﾘｯｹｲﾀ	Adapter	1	1	1
K125	MA46A0957	Yｼﾞｸｲﾄﾞｳﾚｰｽ	Y-Movable race		1	1
K126	M93003021	ﾛｸｶｸｱﾅﾂｷﾎﾞﾙﾄ M3×6	Bolt M3×6		4	4
K127	MA46A0359	ﾛｰﾗｼﾞｸｶﾞｲﾄﾞ	Roller guide		1	1
K130	M96604065	Eｶﾞﾀﾄﾒﾜ3	E-Type retaining ring 3	2	2	2
K131	M502A2456	ﾍﾞｱﾘﾝｸﾞ	Ball bearing	2	2	2
K132	MS13A5454	ｼﾞｸ	Shaft	1	1	1
K133	MB62A0767	ﾀｲﾐﾝｸﾞﾌﾟｰﾘ	Cog pulley	1	1	1
K134	MB45A2476	ｽﾍﾟｰｻ	Spacer	1	1	1
K135	MA45A2758	ﾌﾞﾗｹｯﾄ	Bracket	1	1	1
K136	M90511050	ｻﾞｶﾞﾈ 5	Washer 5	4	4	4
K137	M95001017	ｾﾌﾃｨｿｹｯﾄ M5×20	Bolt M5×20	4	4	4
K140	M91071004	SW-MWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	4	4	4
K143	MA45A0778	ﾍﾞﾙﾄｵｻｴ	Belt clamper	1	1	1
K144	MB45A0523	ﾀｲﾐﾝｸﾞﾍﾞﾙﾄ	Cog belt	1	1	
	MB69A0523	ﾀｲﾐﾝｸﾞﾍﾞﾙﾄ	Cog belt			1
K145	M92010070	ﾍﾞｱﾘﾝｸﾞ	Ball bearing	2	2	2
K146	MB45A0767	ﾀｲﾐﾝｸﾞﾌﾟｰﾘ	Cog pulley	1	1	1
K147	M96001001	ﾛｸｶｸｱﾅﾂｷﾄﾒﾈｼﾞ M6×8	Screw M6×8	2	2	2
K148	MA45A0390	Xｸﾄﾞｳｼﾞｸ	Drive shaft	1	1	1
K149	MA45A0571	ｯｷﾞﾃ	Sleeve	1	1	1
K150	M96002001	ﾛｸｶｸｱﾅﾂｷﾄﾒﾈｼﾞ M6×6	Screw M6×6	4	4	4
K151	M95045095	ｽﾃｯﾋﾟﾝｸﾞﾓｰﾀ(Xｼﾞｸ)	Motor complete (X)	1	1	1
K152	M90624050	ｻﾞｶﾞﾈ 6	Washer 6	4	4	4
K153	M96004017	ｾﾌﾃｨｿｹｯﾄ M6×20	Bolt M6×20	4	4	4

X-Yテーブル機構（Ⅱ）
X-Y TABLE MECHANISM（Ⅱ）

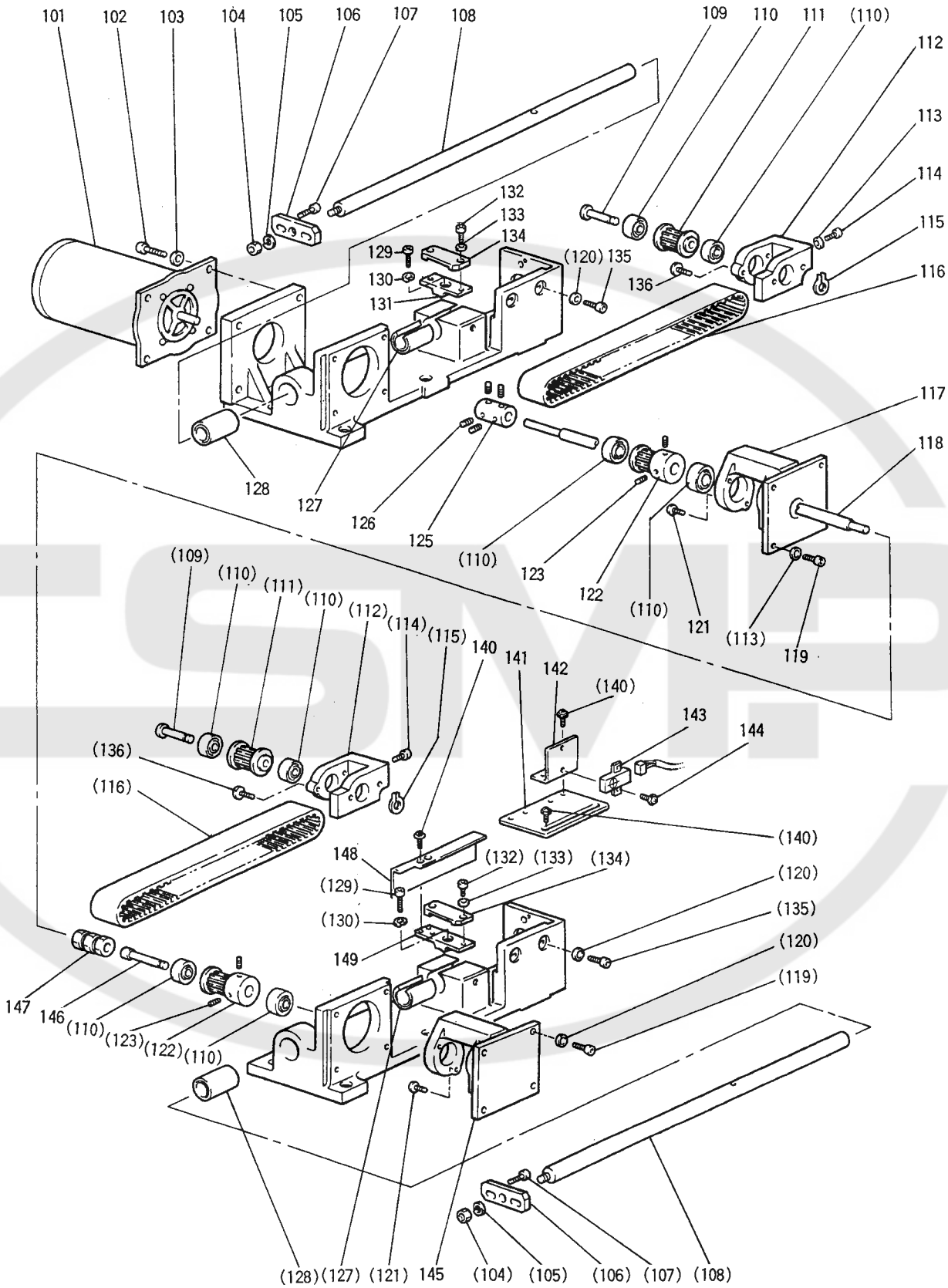


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
L101	M95046095	ｽﾃｯﾋﾟﾝｸﾞﾓｰﾀ(Yｼﾞｸ)	Motor complete (Y)	1	1	1
L102	M96004017	ｾﾌﾃｨｿｹｯﾄ M6×20	Bolt M6×20	4	4	4
L103	M90624050	ｻﾞｶﾞﾈ 6	Washer 6	4	4	4
L104	M91576045	ﾅｯﾄ M8	Nut M8	2	2	2
L105	M90803053	ﾊﾞﾈｻﾞｶﾞﾈ8	Spring washer 8	2	2	2
L106	MA45A0751	ﾌﾞﾛｯｸ	Block	2	2	2
L107	M95002017	ｾﾌﾃｨｿｹｯﾄ M5×12	Bolt M5×12	4	4	4
L108	MA45A1390	Yｸﾄﾞｳｼﾞｸ	Y-Drive shaft	2	2	2
L109	MS13A2454	ｼﾞｸ	Shaft	2	2	2
L110	MS02A2456	ﾍﾞｱﾘﾝｸﾞ	Ball bearing	8	8	8
L111	MS13A0767	ﾀｲﾐﾝｸﾞﾌﾟｰﾘ	Cog pulley	2	2	2
L112	MS13A0758	ﾌﾞﾗｹｯﾄ	Bracket	2	2	2
L113	M90512050	ｻﾞｶﾞﾈ 5	Washer 5	14	14	14
L114	M95011021	ﾛｸｶｸｱﾅﾂｷﾎﾞﾙﾄ M5×25	Bolt M5×25	2	2	2
L115	M90516065	ｼﾞｸﾖｳCｶﾞﾀﾄﾒﾜ10	C-Type retaing ring 10	2	2	2
L116	MA61A0523	ﾀｲﾐﾝｸﾞﾍﾞﾙﾄ	Cog belt	2	2	2
L117	MA45A3758	ﾌﾞﾗｹｯﾄ	Bracket	2	2	2
L118	MA45A2390	Yｸﾄﾞｳｼﾞｸ	Y-Drive shaft	1	1	1
L119	M95004017	ｾﾌﾃｨｿｹｯﾄ M5×16	Bolt M5×16	8	8	8
L121	M91071004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×10	Screw M4×10	4	4	4
L122	MB45A1767	ﾀｲﾐﾝｸﾞﾌﾟｰﾘ	Cog pulley	2	2	2
L123	M96001001	ﾛｸｶｸｱﾅﾂｷﾄﾒﾈｼﾞ M6×8	Screw M6×8	4	4	4
L125	MA45A1571	ﾂｷﾞﾃ	Sleeve	1	1	1
L126	M96002001	ﾛｸｶｸｱﾅﾂｷﾄﾒﾈｼﾞ M6×6	Screw M6×6	4	4	4
L127	MA45A0921	ﾘﾆｱﾌﾞｯｼｭ	Bearing	2	2	2
L128	MA45A1921	ﾘﾆｱﾌﾞｯｼｭ	Bearing	2	2	2
L129	M96061021	ﾛｸｶｸｱﾅﾂｷﾎﾞﾀﾝﾎﾞﾙﾄ M6×20	Bolt M6×20	2	2	2
L130	M90624053	ﾊﾞﾈｻﾞｶﾞﾈ6	Spring washer 6	2	2	2
L131	MA46A0781	Yﾍﾞﾙﾄﾀﾞｲ(ﾋﾀﾞﾘ)	Y-Belt holfer (L)	1	1	1
L132	M94001017	ｾﾌﾃｨｿｹｯﾄ M4×10	Bolt M4×10	4	4	4
L133	M90422050	ｻﾞｶﾞﾈ 4	Washer 4	4	4	4
L134	MA45A1781	ﾍﾞﾙﾄｵｻｴ(Y)	Belt clamper (Y)	2	2	2
L135	M95001017	ｾﾌﾃｨｿｹｯﾄ M5×20	Bolt M5×20	4	4	4
L136	M91119602	ﾋﾗﾈｼﾞ(40)×6.8	Screw (40)×6.8	4	4	4
L140	M91058004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×6	Screw M4×6	6	6	6
L141	MB45A2601	ﾄﾘｯｹｲﾀ	Adjuster plate	1	1	1
L142	MB45A3601	ｹﾝｼｭﾂｷﾄﾘｯｹｲﾀ	Adapter	1	1	1
L143	MB60A0406	ｷﾝｾﾂｽｲｯﾁ	Detector	1	1	1
L144	M90861004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M3×8	Screw M3×8	2	2	2
L145	MA45A5758	ﾌﾞﾗｹｯﾄ	Bracket	1	1	1
L146	MB45A0390	Yｸﾄﾞｳｼﾞｸ	Y-Drive shaft	1	1	1
L147	MB45A0364	ｶｯﾌﾟﾘﾝｸﾞ	Coupring	1	1	1
L148	MB45A1407	Yｼﾞｸｹﾝｼｭﾂｲﾀ	Detector plate (Y)	1	1	1
L149	MA46A2781	Yﾍﾞﾙﾄﾀﾞｲ(ﾐｷﾞ)	Y-Belt holder (R)	1	1	1

Ⓜ 外押え機構
WORK HOLDER MECHANISM

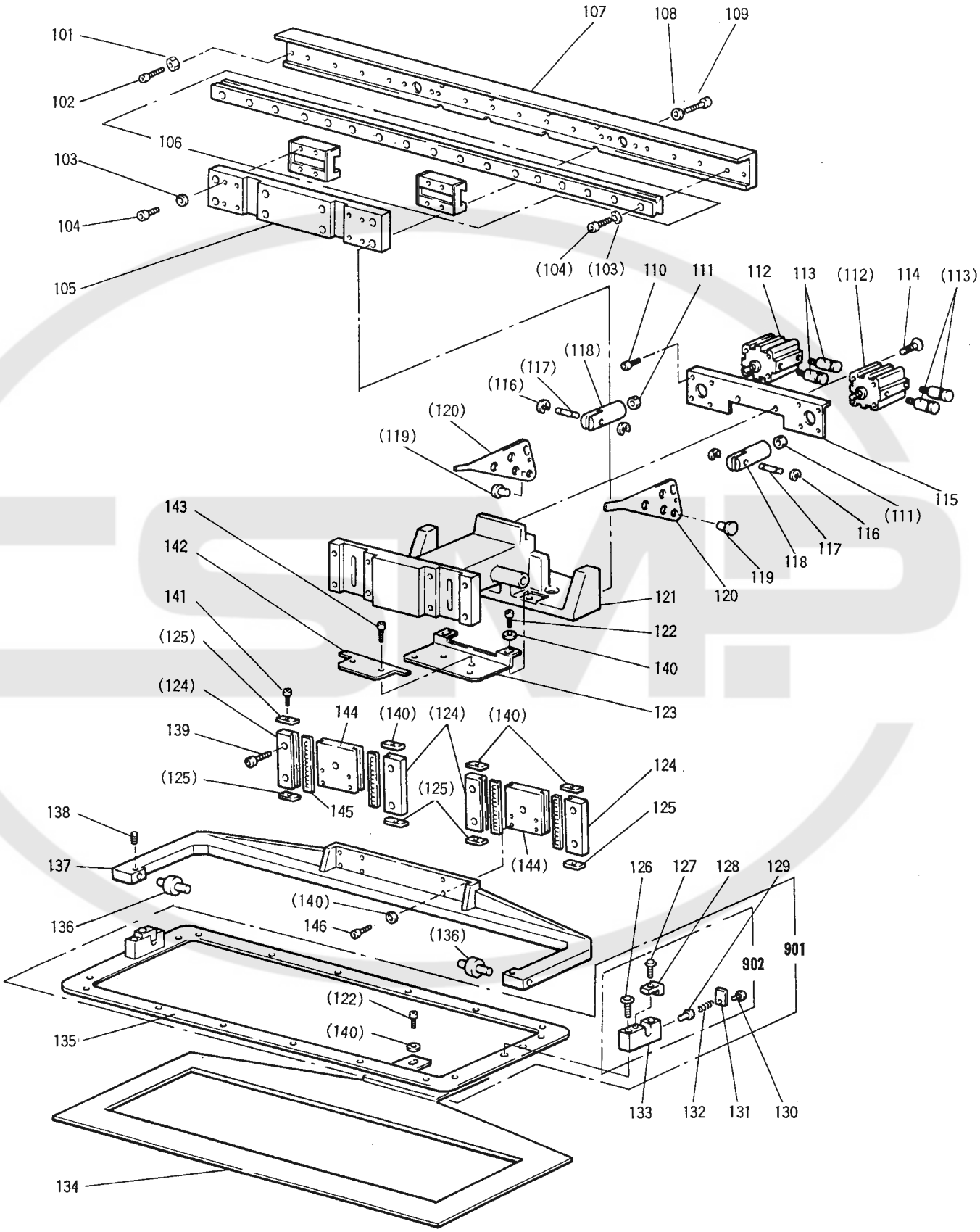
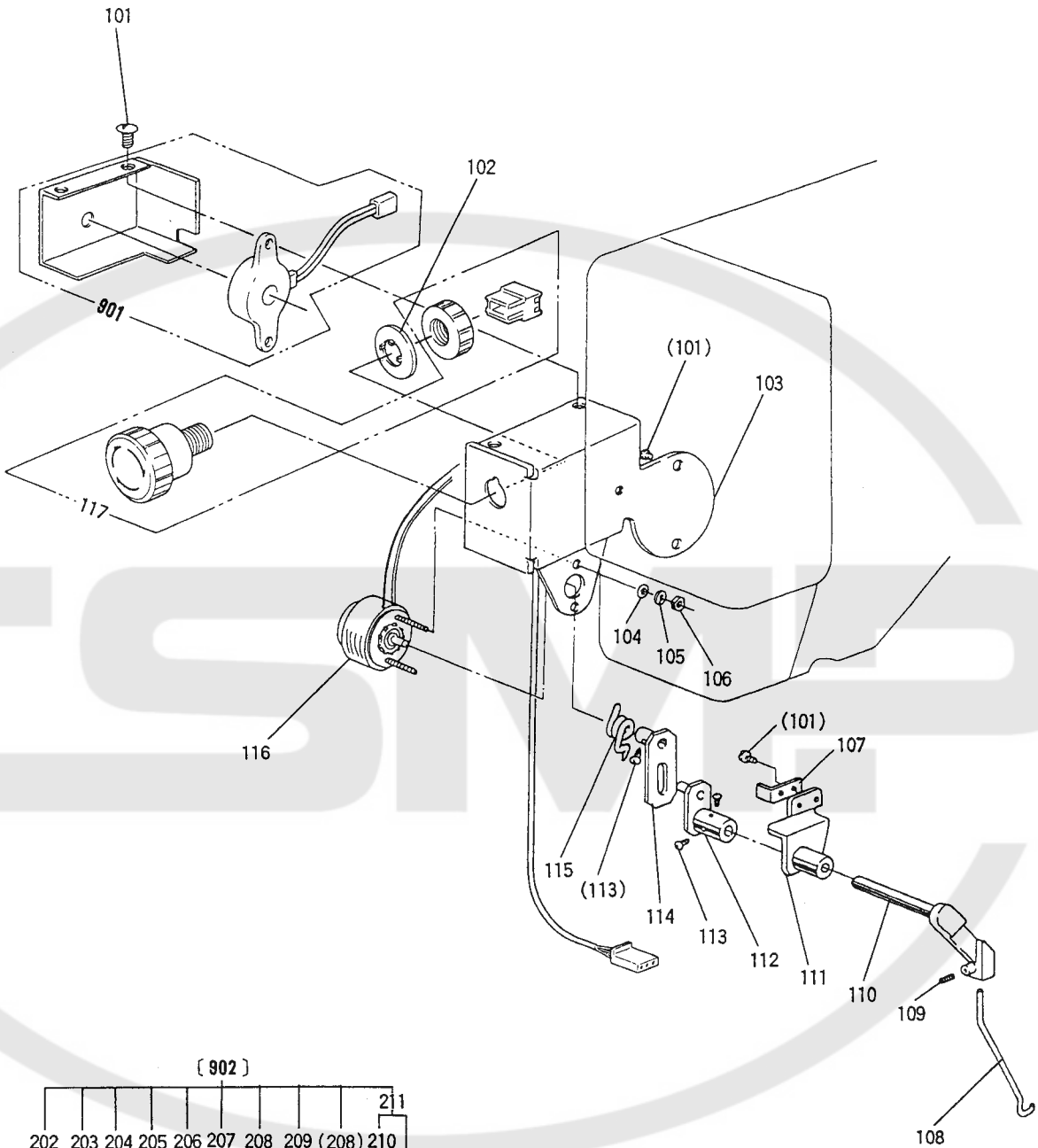


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
M101	M91372045	ﾅｯﾄ M5	Nut M5	2	2	2
M102	M94015021	ﾛｸｶｸｱﾅﾂｷﾎﾞﾙﾄ M4×20	Bolt M4×20	2	2	2
M103	M90317050	ｻﾞｶﾞﾈ 3	Washer 3	23	23	27
M104	M94004017	ｾﾌﾃｨｿｹｯﾄ M3×16	Bolt M3×16	23	23	27
M105	MA45A1601	ﾄﾘﾂｹｲﾀ	Adapter	1	1	1
M106	MB45A0920	ﾘﾆｱｳｪｲ	Linear way	1	1	
	MB69A0920	ﾘﾆｱｳｪｲ	Linear way			1
M107	MA45A0455	ｼﾞｸｻｻｴ	Shaft holder	1	1	
	MA61A0455	ｼﾞｸｻｻｴ	Shaft holder			1
M108	M90512050	ｺｻﾞｶﾞﾈ 5	Washer 5	8	8	8
M109	M95001017	ｾﾌﾃｨｿｹｯﾄ M5×20	Bolt M5×20	8	8	8
M110	M96002017	ｾﾌﾃｨｿｹｯﾄ M6×12	Bolt M6×12	2	2	2
M111	M92075045	ﾅｯﾄ M8	Nut M8	2	2	2
M112	MA45A0434	ｴｱｰｼﾘﾝﾀﾞ	Air cylinder	2	2	2
M113	MS10A3571	ﾜﾝﾀｯﾁﾂｷﾞﾃ	Connector	4	4	4
M114	M94001017	ｾﾌﾃｨｿｹｯﾄ M4×10	Bolt M4×10	2	2	2
M115	MA45A2601	ﾄﾘﾂｹｲﾀ	Adapter	1	1	1
M116	M90512065	Eｶﾞﾀﾄﾒﾜ3	E-Type retaining ring 3	4	4	4
M117	M90327060	ﾋﾟﾝφ3	Pin φ3	2	2	2
M118	MA45A0621	ﾅｯｸﾙ	Knuckle	2	2	2
M119	MS37A0454	ﾂﾊﾞﾂｷｼﾞｸ	Shaft	2	2	2
M120	MA45A0266	ｵｻｴﾚﾊﾞｰ	Pushing lever	2	2	2
M121	MA45A0308	ｵｻｴﾀﾞｲ	Clamp bracket	1	1	1
M122	M95005017	ｾﾌﾃｨｿｹｯﾄ M5×10	Bolt M5×10	2	2	2
M123	MA45A3601	ﾄﾘﾂｹｲﾀ	Adapter	1	1	1
M124	MS13A8957	ｺﾃｲﾚｰｽ	Fixed race	4	4	4
M125	MS13A2477	ｽﾄｯﾊﾟ	Stopper	8	8	8
M126	M91056004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×10	Screw M4×10	4	4	4
M127	M91273004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×16	Screw M4×16	2	2	2
M128	MA45A2196	ｾｯﾄｲﾀ	Bracket	2	2	2
M129	M90611060	ﾋﾟﾝ	Pin	2	2	2
M130	M90859004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M3×6	Screw M3×6	2	2	2
M131	MS02B0257	ｵｻｴｲﾀ	Adapter	2	2	2
M132	MS13A0572	ﾂﾙﾏｷﾊﾞﾈ	Spring	2	2	2
M133	MA45A7426	ｻｻｴ	Supporter	2	2	2
M134	MA45A0272	ｵｸﾘｲﾀ	Feed plate	1		
	MA46A0272	ｵｸﾘｲﾀ	Feed plate		1	
	MA61A0272	ｵｸﾘｲﾀ	Feed plate			1
M135	MA45A0105	ｿﾄｵｻｴ	Clamp frame	1		
	MA46A0105	ｿﾄｵｻｴ	Clamp frame		1	
	MA61A0105	ｿﾄｵｻｴ	Clamp frame			1
M136	MS02A2454	ｵｻｴｼﾞｸ	Clamp stud	2	2	2
M137	MA45A0273	ｵｻｴｳﾃﾞ	Clamp pad	1	1	
	MA61A0273	ｵｻｴｳﾃﾞ	Clamp pad			1
M138	M94006021	ﾛｸｶｸｱﾅﾂｷﾎﾞﾙﾄ M4×6	Bolt M4×6	2	2	2
M139	M94002017	ｾﾌﾃｨｿｹｯﾄ M4×8	Bolrt M4×8	8	8	8
M140	M90511050	ﾐｶﾞｷｻﾞｶﾞﾈ 5	Washer 5	12	12	12
M141	M94016021	ﾛｸｶｸｱﾅﾂｷﾎﾞﾀﾝﾎﾞﾙﾄ M4×8	Bolt M4×8	8	8	8
M142	MA45A0196	ｾｯﾄｲﾀ	Adapter	1	1	1
M143	M94008017	ｾﾌﾃｨｿｹｯﾄ M4×6	Bolt M4×6	2	2	2
M144	MB45A1957	ｲﾄﾞｳﾚｰｽ	Movable race	2	2	2
M145	M94008070	ｽﾗｲﾄﾞﾍﾞｱﾘﾝｸﾞ	Slide bearing	4	4	4
M146	M95004017	ｾﾌﾃｨｿｹｯﾄ M5×16	BOLT M5×16	8	8	8
M901	MA45E0105	ｿﾄｵｻｴ(ｸﾐ)	Clamp frame assy.	1		
	MA46E0105	ｿﾄｵｻｴ(ｸﾐ)	Clamp frame assy.		1	
	MA61E0105	ｿﾄｵｻｴ(ｸﾐ)	Clamp frame assy.			1
M902	MA45E0426	ｻｻｴ(ｸﾐ)	Supporter complete	2	2	2

Ⓝ ワイパー機構・上軸検出機構
WIPER MECHANISM・UPER SHAFT DETECTION MECHANISM



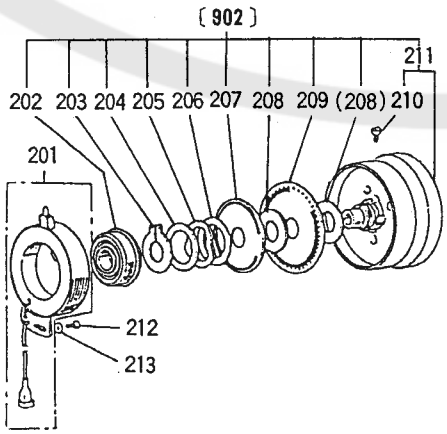


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
N101	M91054004	SW-PWﾂｷﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞM4×8	Screw M4×8	7	7	7
N102	MB60A0915	ﾏﾜﾘﾄﾞﾒﾘﾝｸﾞ	Snap ring	1	1	1
N103	MB60E7601	ﾄﾘﾂｹｲﾀ(ｼｰﾙﾂｷ)	Bracket	1	1	1
N104	M90316050	ｻﾞｶﾞﾈ3	Washer 3	2	2	2
N105	M90307053	ﾊﾞﾈｻﾞｶﾞﾈ3	Spring washer 3	2	2	2
N106	M90875045	ﾅｯﾄM3	Nut M3	2	2	2
N107	MS02A1477	ｽﾄｯﾊﾟ	Stopper	1	1	1
N108	MA20A0980	ﾜｲﾊﾟ	Wiper	1	1	1
N109	M91057020	ﾛｯｶｸｱﾅﾂｷﾄﾒﾈｼﾞM3×4	Screw M3×4	1	1	1
N110	MS03A1530	ﾜｲﾊﾟｰｼﾞｸ	Wiper shaft	1	1	1
N111	MS10A0982	ﾜｲﾊﾟｰﾀﾞｲ	Wiper adapter	1	1	1
N112	MS02E0981	ﾜｲﾊﾟｰｳﾃﾞ	Wiper clank	1	1	1
N113	M90802003	ﾏﾙﾋﾗﾈｼﾞ1/8(44)×4.5	Screw 1/8(44)×4.5	4	4	4
N114	MS02E0983	ｸﾄﾞｳｲﾀ	Wiper clank	1	1	1
N115	MS02A4729	ﾋﾈﾘﾊﾞﾈ	Spring	1	1	1
N116	MB45E0148	ﾛｰﾀﾘｿﾚﾉｲﾄﾞｸﾐﾀﾃ	Rotary solenoid assy	1	1	1
N117	MB60E0270	ｵｼﾎﾞﾀﾝｽｲｯﾁｸﾐﾀﾃ	Halt switch assy	1	1	1
N901	MB60E3339	ｶﾊﾞｰｸﾐﾀﾃ(ﾌﾞｻﾞｰﾂｷ)	Cover assy (with buzzer)	1	1	1
N201	MB60A2406	ｾﾝｻｰ	Detector bracket assy	1	1	1
N202	MN70A0456	ｼﾞｸｳｹ	Ball bearing	1	1	1
N203	M90330065	Cｶﾞﾀﾄﾒﾜ30	Retaining ring C-type 30	1	1	1
N204	M93001050	ｻﾞｶﾞﾈ	Washer	1	1	1
N205	MF01A0259	ﾊﾝｼｬﾊﾞﾝｵｻｴｽﾌﾟﾘﾝｸﾞ	Wave washer	1	1	1
N206	MF01A1476	ｽﾍﾟｰｻB	Spacer B	1	1	1
N207	MN72A1694	ﾊﾝｼｬﾊﾞﾝF20(ｳｴ)	Speed command disk F20 (up)	1	1	1
N208	MF01A0476	ｽﾍﾟｰｻA	Spacer A	2	2	2
N209	MB60A0694	ﾊﾝｼｬﾊﾞﾝK10(ｼﾀ)	Speed command disk K10 (down)	1	1	1
N210	M91520002	ﾋﾗﾈｼﾞ15/64(28)×12	Screw 15/64(28)×12	2	2	2
N211	MB60E0682	ﾌﾟｰﾘｸﾐﾀﾃ	Pulley assy	1	1	1
N212	M91069004	ﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	1	1	1
N213	M93002050	ｻﾞｶﾞﾈ	Washer	1	1	1
N902	MB60E1682	ﾌﾟｰﾘｸﾐﾀﾃ	Pulley assy	1	1	1

Ⓟ 給油機構
OIL LUBRICATION MECHANISM

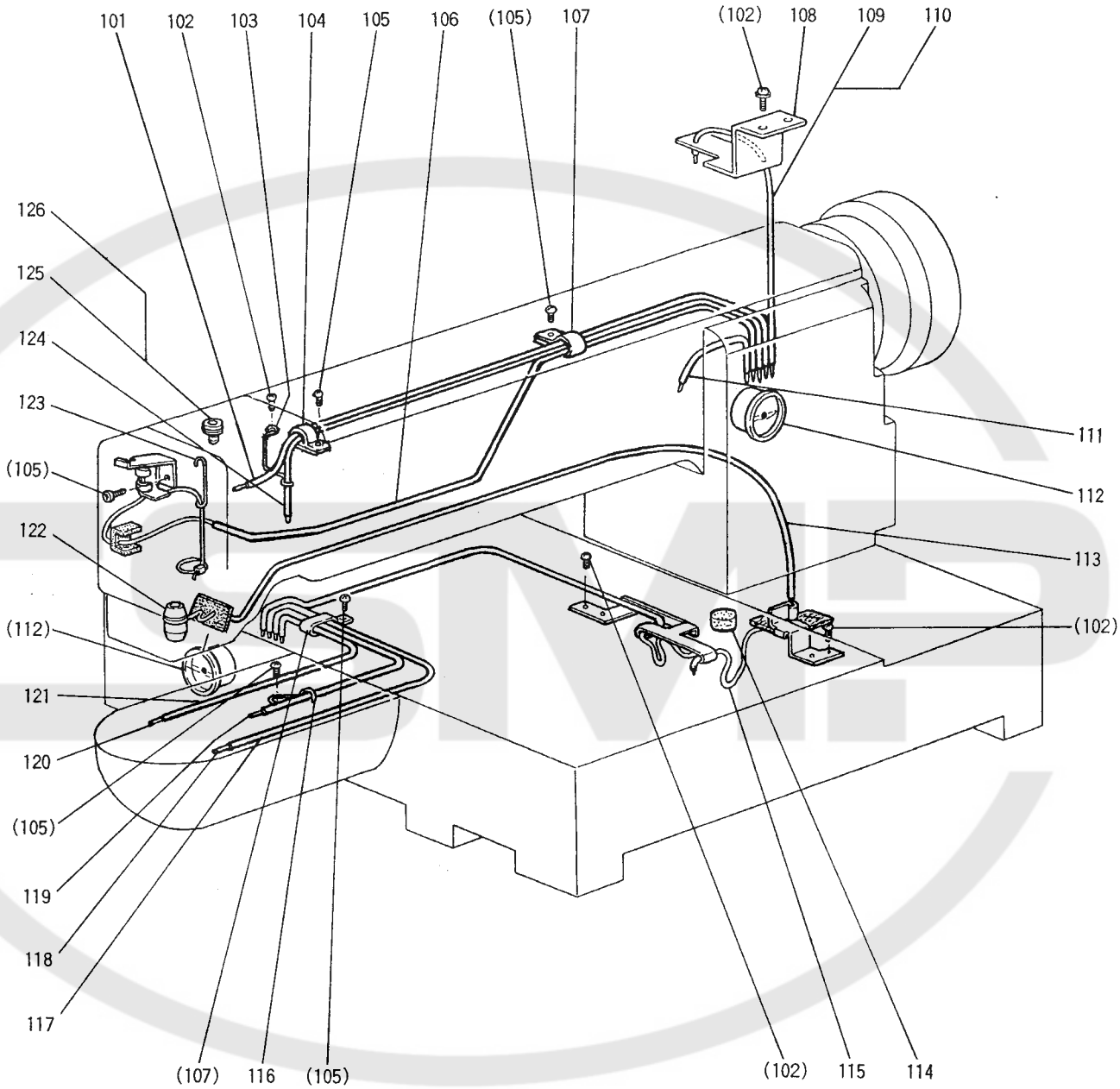


Fig No.	部品コード Parts No.	品名	Description	数量 Amt.Req. B4516	B4516L	B6019
P101	MB45E0148	ﾊﾟｲﾌﾟﾋﾓｸﾐﾀﾃ	Oil pipe complete	1	1	1
P102	M91058004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×6	Screw M4×6	8	8	8
P103	MA20A1780	ﾎﾙﾀﾞｰ	Holder	1	1	1
P104	MA20A0620	ﾅｲﾛﾝｸﾘｯﾌﾟ	Nylon clip	1	1	1
P105	M91054004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	4	4	4
P106	MB45A0780	ﾎﾙﾀﾞｰｸﾐﾀﾃ	Holder complete	1	1	1
P107	MS47P0620	ﾅｲﾛﾝｸﾘｯﾌﾟ	Nylon clip	2	2	2
P108	MB60A1780	ﾎﾙﾀﾞｰ	Holder	1	1	1
P109	MB60A1688	ﾊﾟｲﾌﾟ	Pipe	1	1	1
P110	MB45A0148	ﾋﾓ	String	1	1	1
P111	MA20E2688	ﾊﾟｲﾌﾟﾋﾓｸﾐﾀﾃ	Oil gauge	1	1	1
P112	MN10A0135	ｱﾌﾞﾗﾏﾄﾞ	Oil gauge	2	2	2
P113	MB45E2148	ｱﾌﾞﾗﾋﾓｸﾐﾀﾃ	String complete	1	1	1
P114	MF60A5740	ﾌｪﾙﾄ	Felt	1	1	1
P115	MB45A1780	ﾎﾙﾀﾞｰｸﾐﾀﾃ	Holder complete	1	1	1
P116	MS01A8796	ﾎﾙﾀﾞｰ	Holder	1	1	1
P117	MB45A0688	ﾊﾟｲﾌﾟ(ﾐｷﾞ)	Pipe (right)	1	1	1
P118	MB45A1148	ﾋﾓ(ﾐｷﾞ)	String (right)	1	1	1
P119	MB45E1148	ﾊﾟｲﾌﾟﾋﾓｸﾐﾀﾃ	Oil pipe complete	1	1	1
P120	MB45A2148	ﾋﾓ(ﾋﾀﾞﾘ)	String (left)	1	1	1
P121	MB45A1688	ﾊﾟｲﾌﾟ(ﾋﾀﾞﾘ)	Pipe (left)	1	1	1
P122	MF00A1780	ﾎﾙﾀﾞｰ	Holder	1	1	1
P123	MS03A2780	ﾎﾙﾀﾞｰ	Holder	1	1	1
P124	MB45E2148	ﾊﾟｲﾌﾟﾋﾓｸﾐﾀﾃ	Oil pipe complete	1	1	1
P125	MF60A0742	ﾌﾀ	Cap	1	1	1
P126	MF10A2740	ﾌｪﾙﾄ	Felt	1	1	1

Q 配線・配管関係
CABLE COMPONENT & PNEUMATIC CONTROL UNIT

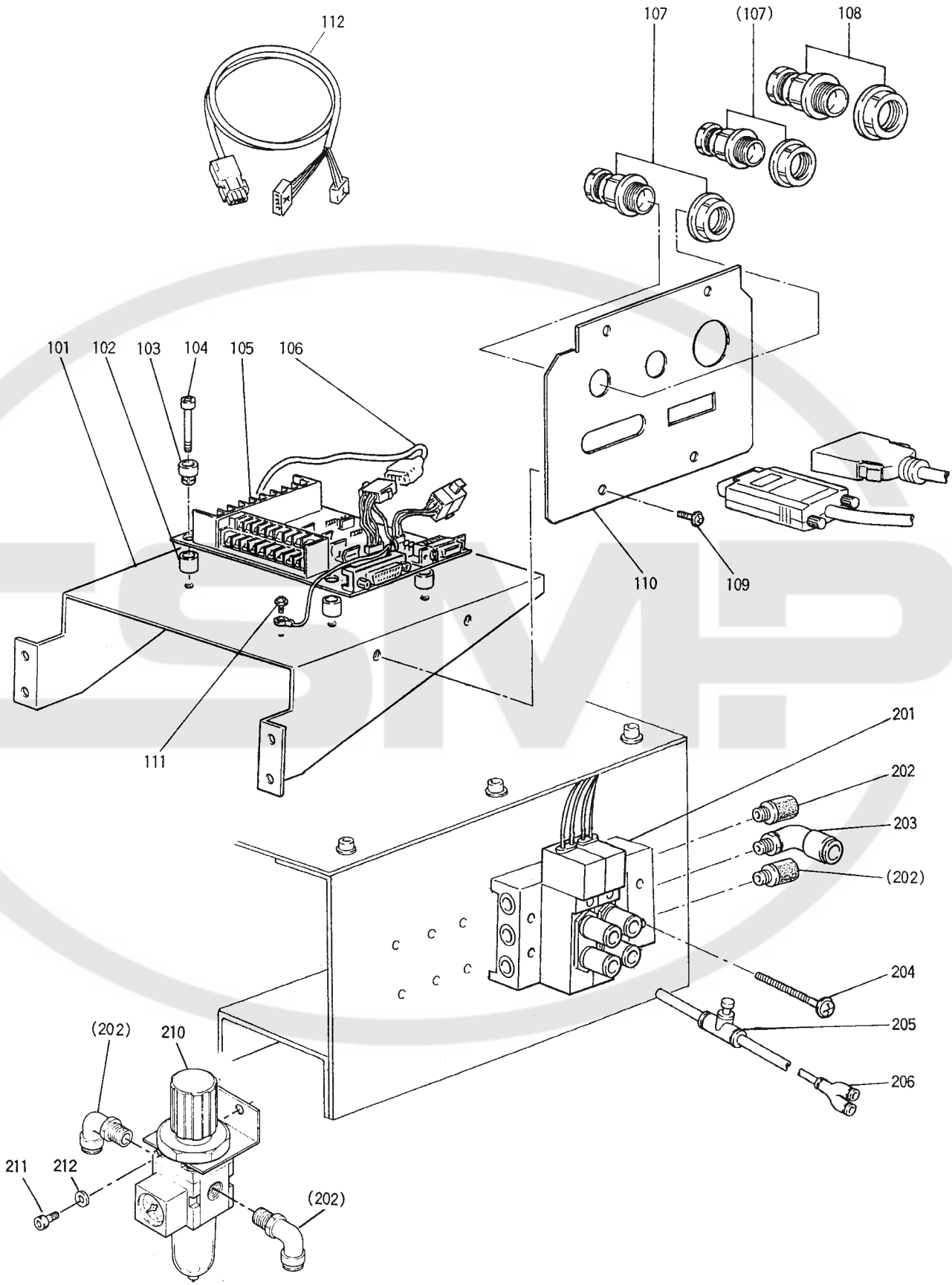


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
Q101	MB45A3601	Pﾊﾞﾝｽﾃｰ	Adapter	1	1	1
Q102	MB60A2352	ｽﾍﾟｰｻ	Spacer	4	4	4
Q103	MB60A0366	ｷｬｯﾌﾟ	Screw adapter	4	4	4
Q104	M91057004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×20	Screw M4×20	4	4	4
Q105	M95003096	ﾌﾟﾘﾝﾄｷﾊﾞﾝｸﾐﾀﾃ	Print circuit board	1	1	1
Q106	K14M71725402	ｹｰﾌﾞﾙ(ｻｰﾎﾞｴﾝｺｰﾀﾞ)	Cable (servo encoder)	1	1	1
Q107	MB60A3780	ｺｰﾄﾞﾌﾞｯｼｭ	Cord holder	2	2	2
Q108	MB60A4780	ｺｰﾄﾞﾌﾞｯｼｭ	Cord holder	1	1	1
Q109	M91054004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	6	6	6
Q110	MB45A4601	ｺﾈｸﾀﾄﾘｯｹｲﾀ	Connector panel	1	1	1
Q111	M90439037	SWｯｷﾎﾟﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	1	1	1
Q112	M97324099	ｹｰﾌﾞﾙ(ｽﾃｯﾋﾟﾝｸﾞﾓｰﾀ)	Cable (Stepping motor)	1	1	1
Q201	MB45E0599	ﾃﾞﾝｼﾞﾍﾞﾝｸﾐﾀﾃ	Solenoid valve complete	1	1	1
Q202	M91035089	ｻｲﾚﾝｻ	Muffler	2	2	2
Q203	MA20A8571	Lｶﾞﾀｯｷﾞﾃ	Connector	3	3	3
Q204	M91076004	SW-PWﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×30	Screw M4×30	4	4	4
Q205	M92209098	ｽﾋﾟｰﾄﾞｺﾝﾄﾛｰﾗ	Speed controler	1	1	1
Q206	MA20A6571	Yｶﾞﾀｯｷﾞﾃ	Connector	1	1	1
Q210	MB61A0963	ﾌｲﾙﾀﾚｷﾞｭﾚｰﾀ	Filter regulater	1	1	1
Q211	M95003017	ｾﾌﾃｲｿｹｯﾄ M5×8	Bolt M5×8	2	2	2
Q212	M90511050	ﾐｶﾞｷｻﾞｶﾞﾈ 5	Washer 5	2	2	2

Ⓡ テーブル関係
TABLE & STAND

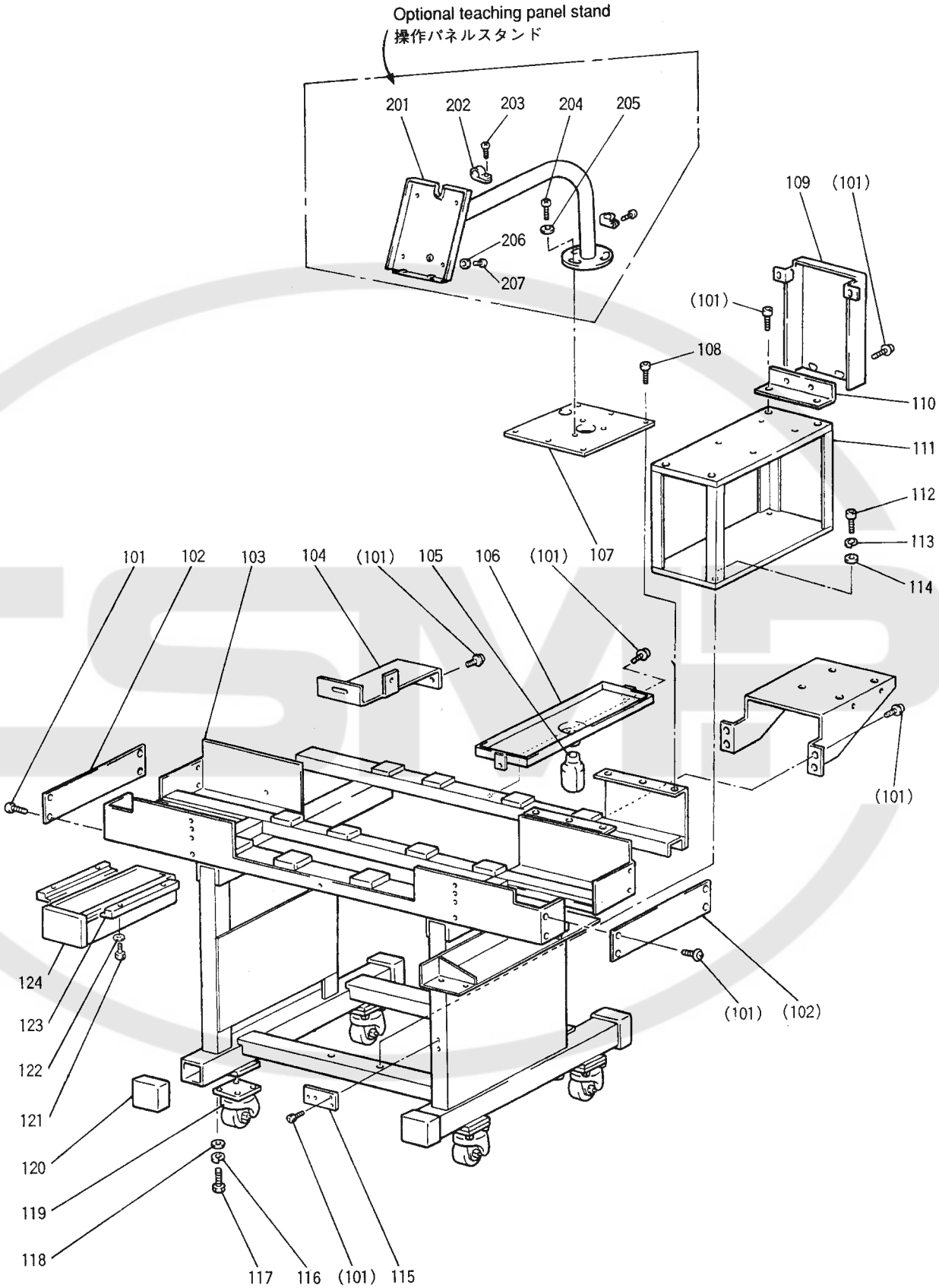


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
R101	M94013017	ｾﾌﾃｨｿｹｯﾄ M4×12	Bolt M4×12	22	22	22
R102	MB45A3339	ｶﾊﾞｰ	Cover	2	2	2
R103	MB45E0150	ｷｬｸｸﾐﾀﾃ	Leg complete	1	1	
	MB69E0150	ｷｬｸｸﾐﾀﾃ	Leg complete			1
R104	MB45A2339	ｶﾊﾞｰ	Cover	1	1	1
R105	MF20A0130	ｱﾌﾞﾗﾋﾞﾝ	Oil bottle	1	1	1
R106	MB45A0139	ｵｲﾙﾊﾟﾝ	Oil pan	1	1	1
R107	MB45A5601	ｽﾀﾝﾄﾞﾄﾘｯｹｲﾀ	Adapter	1	1	1
R108	M95010017	ｾﾌﾃｨｿｹｯﾄ M5×12	Bolt M5×12	6	6	6
R109	MB45A0776	ﾍﾞﾙﾄｶﾊﾞｰ	Belt cover	1	1	1
R110	MA35B7601	ﾍﾞﾙﾄｶﾊﾞｰﾄﾘｯｹｲﾀ	Adapter	1	1	1
R111	MB45A0603	ﾓｰﾀﾄﾘｯｹﾀﾞｲ	Motor adapter	1	1	1
R112	M96009021	ﾛｯｶｸｱﾅﾂｷﾎﾞﾙﾄ M6×16	Bolt M6×16	4	4	4
R113	M90624053	ﾊﾞﾈｻﾞｶﾞﾈ 6	Spring washer 6	4	4	4
R114	M90624050	ｻﾞｶﾞﾈ 6	Washer 6	4	4	4
R115	MB45A6601	ﾄﾘｯｹｲﾀ	Adapter	1	1	1
R116	M91003053	ﾊﾞﾈｻﾞｶﾞﾈ 10	Spring washer 10	16	16	16
R117	M91016022	ﾛｸｶｸﾎﾞﾙﾄ M10×25	Bolt M10×25	16	16	16
R118	M91012050	ｻﾞｶﾞﾈ 10	Washer 10	16	16	16
R119	MB45E0972	ｷｬｽﾀ	Castor	4	4	4
R120	MB45A0150	ｺﾞﾑｷｬｯﾌﾟ	Toe cap	4	4	4
R121	M93013021	ﾛｯｶｸｱﾅﾂｷﾎﾞﾙﾄ M3×20	Screw M3×20	4	4	4
R122	M90316050	ｻﾞｶﾞﾈ 3	Washer 3	4	4	4
R123	MA20A0719	ﾋｷﾀﾞｼ	Drawer	1	1	1
R124	MA20A4957	ﾚｰﾙ	Rail	2	2	2
R201	MA35E0483	ｿｳｻｽﾀﾝﾄﾞ(ｵﾌﾟｼｮﾝ)	Operation stand (optional)	1	1	1
R202	MA20A2620	ﾅｲﾛﾝｸﾘｯﾌﾟ	Nylon clip	2	2	2
R203	M91069004	ﾌﾟﾗﾏｲﾅﾍﾞﾈｼﾞ M4×8	Screw M4×8	2	2	2
R204	M91558022	ﾛｸｶｸﾎﾞﾀﾝﾎﾞﾙﾄ M6×45	Bolt M6×45	3	3	3
R205	M90624050	ｻﾞｶﾞﾈ 6	Washer 6	15	15	15
R206	M91606022	ﾛｯｶｸﾎﾞﾀﾝﾎﾞﾙﾄ M3×10	Bolt M3×10	4	4	4
R207	M90316050	ｻﾞｶﾞﾈ 3	Washer 3	4	4	4

Ⓢ 付属品
ACCESSORIES

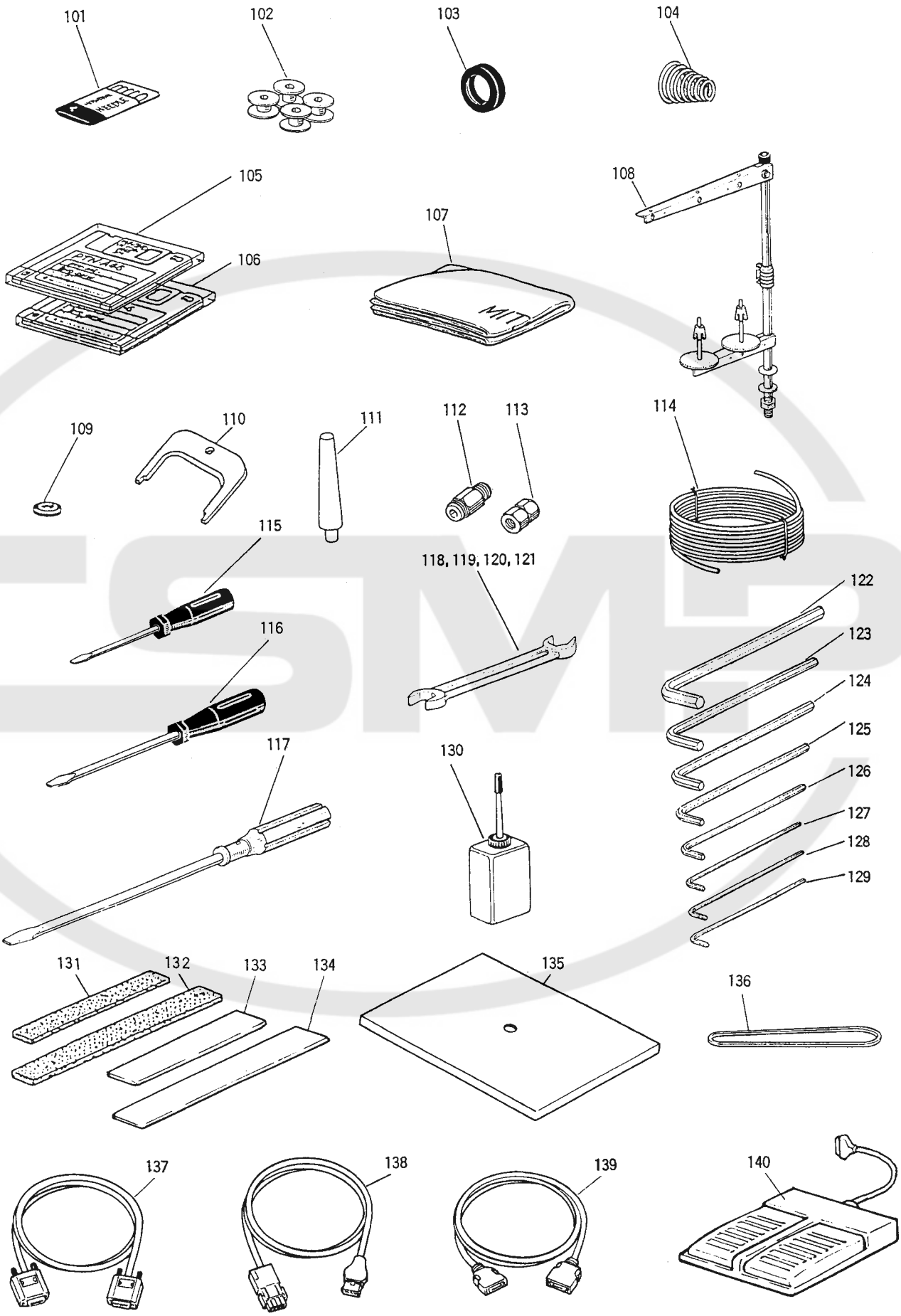
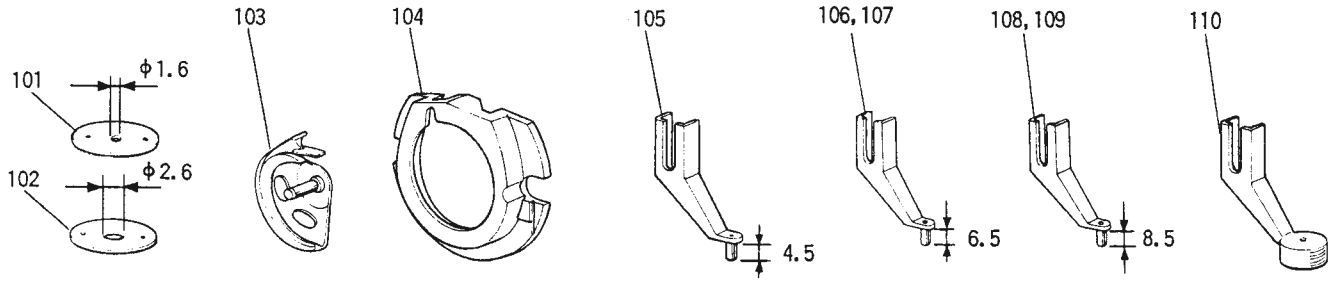
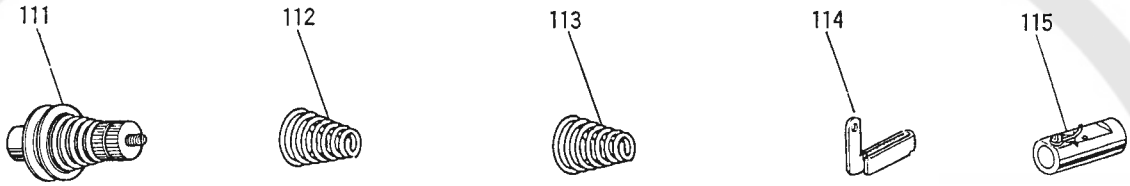


Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
S101	MS02A0128	ﾐｼﾝﾊﾞﾘ DP×17#18	Needle DP×17#18	4	4	4
S102	MA10A0123	ﾎﾞﾋﾞﾝ(SC-180ﾖｳ)	Bobbin (for SC-180)	3	3	3
S103	MS03A0417	ｺﾞﾑﾜ	Tire	1	1	1
S104	MN52A1245	ｴﾝｽｲﾊﾞﾈ	Tension spring	1	1	1
S105	MB60A0990	ﾌﾛｯﾋﾟｨﾃﾞｨｽｸ(ｼｽﾃﾑ)	Floppy disk (system)	1	1	1
S106	MB60A1990	ﾌﾛｯﾋﾟｨﾃﾞｨｽｸ(ﾃﾞｰﾀﾎｿﾞﾝﾖｳ)	Floppy disk (blank)	1	1	1
S107	MA20A0734	ﾋﾞﾆﾙｶﾊﾞｰ	Polyethylene cover	1	1	1
S108	MF40E0193	ｲﾄﾀﾃﾀﾞｲｸﾐﾀﾃ	Cotton stand assy.	1	1	1
S109	MB60A0419	ﾎﾞｳｼﾝｺﾞﾑ	Rubber cushion	6	6	6
S110	MF01A0565	ｶｸﾄﾞﾁｮｳｾｲｸﾞ	Disk adjusting plate	1	1	1
S111	MA20A0613	ﾄｳﾌﾞｳｹ	Head rest	1	1	1
S112	MA30A0571	ﾜﾝﾀｯﾁﾂｷﾞﾃ	Quick joint	1	1	1
S113	M91010089	ﾛｯｶｸｿｹｯﾄ	Socket	1	1	1
S114	MA17A0567	ﾁｭｰﾌﾞ	Tube	1	1	1
S115	MB02A1608	ﾄﾞﾗｲﾊﾞｰ(ｼｮｳ)	Screw driver (small)	1	1	1
S116	MB02A0608	ﾄﾞﾗｲﾊﾞｰ(ﾁｭｳ)	Screw driver (middle)	1	1	1
S117	MF00A0608	ﾄﾞﾗｲﾊﾞｰ(ﾀﾞｲ)	Screw driver (large)	1	1	1
S118	MS02A0479	ﾘｮｳｸﾞﾁｽﾊﾟﾅ13×17	Spanner 13×17	1	1	1
S119	MM10A1479	ﾘｮｳｸﾞﾁｽﾊﾟﾅ10×14	Spanner 10×14	1	1	1
S120	MS10A1976	ﾘｮｳｸﾞﾁｽﾊﾟﾅ8×9	Spanner 8×9	1	1	1
S121	MS10A2976	ﾘｮｳｸﾞﾁｽﾊﾟﾅ6×7	Spanner 6×7	1	1	1
S122	MS05A1976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ6	Socket wrench 6	1	1	1
S123	MS05A0976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ5	Socket wrench 5	1	1	1
S124	MS01A1976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ4	Socket wrench 4	1	1	1
S125	MF90A0976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ1/8	Socket wrench1/8	1	1	1
S126	MS02A2976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ3	Socket wrench 3	1	1	1
S127	MS02A1976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ2.5	Socket wrench 2.5	1	1	1
S128	MS02A0976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ2	Socket wrench 2	1	1	1
S129	MS10A0976	ﾛｯｶｸﾎﾞｳｽﾊﾟﾅ1.5	Socket wrench 1.5	1	1	1
S130	MF10A0149	ｱﾌﾞﾗｻｼ	Oiler with oil	1	1	1
S131	MA45A0691	ﾊﾟｯｷﾝ (ｼﾀｵｻｴｲﾀﾖｳ)	Clamp pad (for feed plate)	2		
S131	MA61A0691	ﾊﾟｯｷﾝ (ｼﾀｵｻｴｲﾀﾖｳ)	Clamp pad (for feed plate)		2	2
S132	MA45A1691	ﾊﾟｯｷﾝ (ｼﾀｵｻｴｲﾀﾖｳ)	Clamp pad (for feed plate)	2	2	
S132	MA61A1691	ﾊﾟｯｷﾝ (ｼﾀｵｻｴｲﾀﾖｳ)	Clamp pad (for feed plate)			2
S133	MA45A0416	ﾊﾟｯｷﾝ(ｿﾄｵｻｴﾖｳ)	Clamp pad (for clamp frame)	4		
S133	MA61A0416	ﾊﾟｯｷﾝ(ｿﾄｵｻｴﾖｳ)	Clamp pad (for clamp frame)		4	4
S134	MA45A1416	ﾊﾟｯｷﾝ(ｿﾄｵｻｴﾖｳ)	Clamp pad (for clamp frame)	4	4	
S134	MA61A1416	ﾊﾟｯｷﾝ(ｿﾄｵｻｴﾖｳ)	Clamp pad (for clamp frame)			4
S135	MB62A0797	ﾎｺﾞﾌｨﾙﾑ	Film sheet	1	1	
S135	MB63A0797	ﾎｺﾞﾌｨﾙﾑ	Film sheet			1
S136	MA20A0777	Vﾍﾞﾙﾄ M46	V-belt M52	1	1	1
S137	M97320099	ｹｰﾌﾞﾙ(ｿﾚﾉｲﾄﾞ)	Cable (out of solenoid)	1	1	1
S138	M97318099	ｹｰﾌﾞﾙ(ｻｰﾎﾞﾓｰﾀﾃﾞﾝｹﾞﾝ)	Cable (servo motor)	1	1	1
S139	M97319099	ｹｰﾌﾞﾙ(ﾆｭｳﾘｮｸｼﾝｺﾞｳ)	Cable (input signal)	1	1	1
S140	M860A0FSW	ﾌｯﾄｽｲｯﾁ	Foot switch	1	1	1


101
φ1.6
102
φ2.6
103
104
105
4.5
106, 107
6.5
108, 109
8.5
110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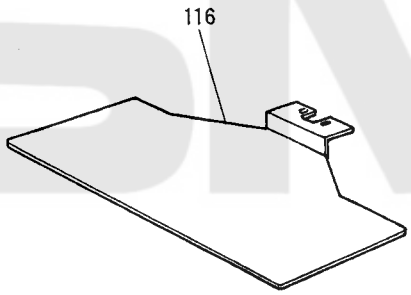
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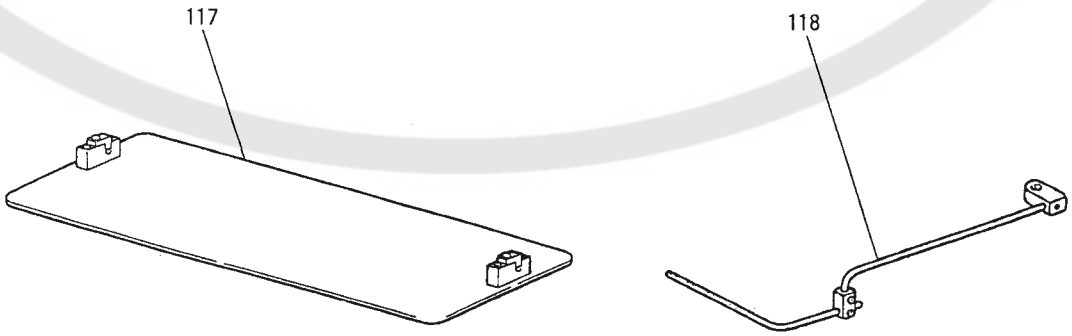
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118

Fig No.	部品コード Parts No.	品名	Description	数量Amt.Req. B4516	B4516L	B6019
T101	MS03A0101	ﾊﾘｲﾀ(φ1.6)	Needle plate (φ1.6)	1	1	1
T102	MS03A2101	ﾊﾘｲﾀ(φ2.6)	Needle plate (φ2.6)	1	1	1
T103	MS17A1120	ﾅｶｶﾞﾏD(ｱﾂﾓﾉﾖｳ)	Inner hook D (for heavy)	1	1	1
T104	MS01A1616	ﾅｶｶﾞﾏｵｻｴ(ｱﾂﾓﾉﾖｳ)	Inner hook clamper(for heavy)	1	1	1
T105	MV30A1256	ﾅｶｵｻｴ(φ2)	Presser foot (φ2)	1	1	1
T106	MS03A0256	ﾅｶｵｻｴ(φ3)	Presser foot (φ3)	1	1	1
T107	MS03A1256	ﾅｶｵｻｴ(φ2)	Presser foot (φ2)	1	1	1
T108	MA35A0256	ﾅｶｵｻｴ(φ3)	Presser foot (φ3)	1	1	1
T109	MA35A1256	ﾅｶｵｻｴ(φ2)	Presser foot (φ2)	1	1	1
T110	MV35A0106	ｻﾗｵｻｴ(φ3)	Presser foot (φ3)	1	1	1
T111	MS04E1210	ｳﾜｲﾄﾁｮｳｾﾂｷｸﾐﾀﾃ	Thread tension regulator assy	1	1	1
T112	MF10A1245	ｴﾝｽｲﾊﾞﾈ(ﾌﾟﾘﾃﾝｼｮﾝ)	Thread pretension spring	1	1	1
T113	MN10A3245	ｴﾝｽｲﾊﾞﾈ(ｳﾜｲﾄﾁｮｳｾﾂｷ)	Tension regulator spring	1	1	1
T114	MS03A0181	ｲﾄｱﾝﾅｲｸﾐﾀﾃ	Thread guide assy	1	1	1
T115	MS10A0180	ｲﾄｱﾝﾅｲｸﾐﾀﾃ	Thread guide assy	1	1	1
T116	MA45A1272	ｿﾄｵｻｴｲﾀ(ｱﾅﾅｼ)	Feed plate(blank)	1		
T117	MA46A1272	ｿﾄｵｻｴｲﾀ(ｱﾅﾅｼ)	Feed plate(blank)		1	
T118	MA61A1272	ｿﾄｵｻｴｲﾀ(ｱﾅﾅｼ)	Feed plate(blank)			1
T119	MA45E1105	ｿﾄｵｻｴｸﾐ(ｱﾅﾅｼ)	Clamp frame assy. (blank)	1		
T120	MA46E1105	ｿﾄｵｻｴｸﾐ(ｱﾅﾅｼ)	Clamp frame assy. (blank)		1	
T121	MA61E1105	ｿﾄｵｻｴｸﾐ(ｱﾅﾅｼ)	Clamp frame assy. (blank)			1
T122	MA35A0180	ｲﾄｱﾝﾅｲｸﾐﾀﾃ	Thread guide assy	1	1	1