

ZSR FEEDER

High-speed electric-powered feeder

PARTS LIST

Safety.

To replace the purchased parts safely, be sure to comply with the following items. However the following cannot cover all items regarding safety in detail. So it is extremely important that the worker or person handling the machine make correct decisions regarding safety.

 CAUTION Machine operation of operator•Work is limited to maintenance and safety skill.

- ① Be sure to turn off the machine's power supply before doing the exchange work.
- ② Be sure to push the emergency stop SW, and do adjustment work under the emergency stop condition.
- ③ Refer to the manual for the replacement work of each consumable part.

* Safety alert symbols and signal words

 CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor injury, or material loss or damage to the machine. These points are important for protecting the safety of the machine and data, etc.

安全について

お買い上げいただいたパーツを安全に交換していただくために、下記の事項は必ず守って作業を行ってください。しかしながら、下記に全ての安全性に関する項目を細部にわたり網羅することは困難です。従って作業者自身の安全に対する正確な判断が非常に大切な要素となりますことをご留意ください。

 注意 作業者は本機の動作・メンテナンスに習熟していて安全に作業を行える方に限ります。

- ① 交換作業は、マシンの電源を切ってから必ず行ってください。
- ② 調整作業は、非常停止 SW を押し、非常停止状態で必ず行ってください。
- ③ 消耗品の交換、各メンテナンス作業についてはマニュアルをご参照ください。

※ 安全標記の  注意は取り扱いを誤った場合、傷害に至る可能性または物的損害の発生が想定される内容を示しています。本体およびデータなどの損傷を防ぐために重要な注意事項です。

NOTE

No. column

When the same number is listed in the "No." column, it indicates the updated part.
It is listed down in order of Update.The latest is the lowest.

注記

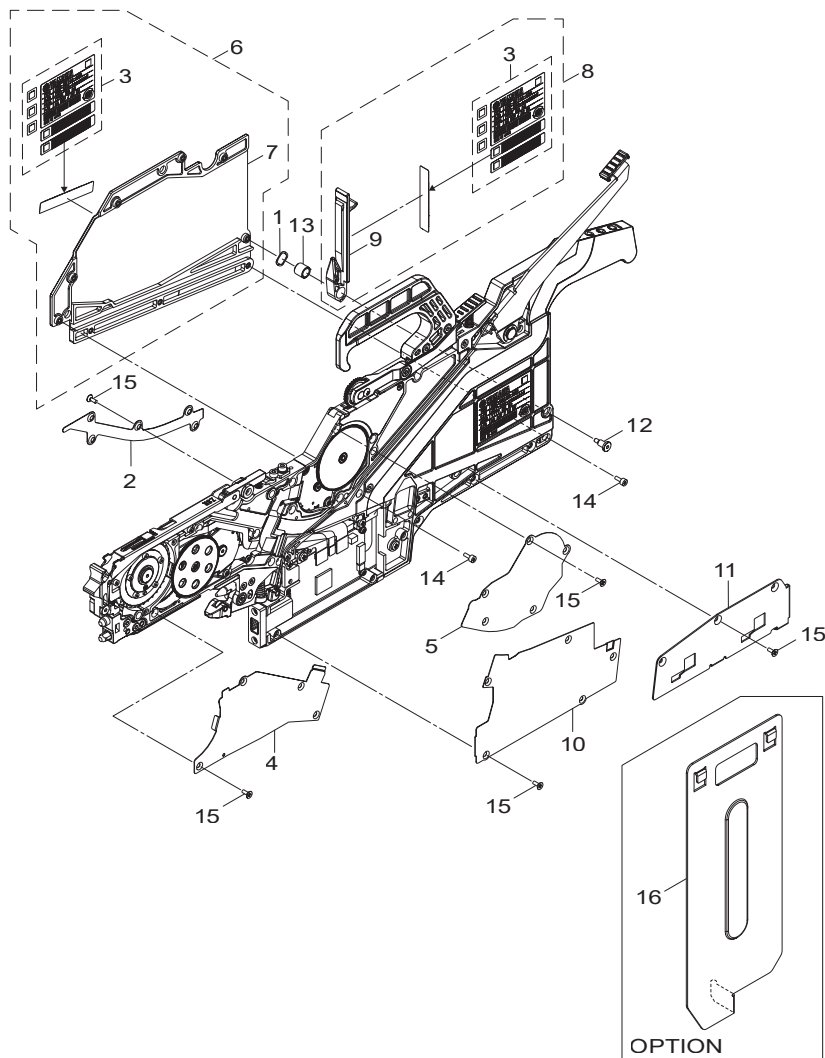
No. 欄について

“No.” 欄に同じ番号が並ぶ時は更新された部品を示します。
更新順に下へ記載されています。最新が最下位になります。

Contents

KMV-000-2006

 ZSY-008-C (8mm) (KMV-MC100-00 / KMV-MC100-10)	<i>Fig.01 ~ Fig.07</i>
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KMV0-01A2006

Fig. 1 Cover

Ref. No.	Part No.	Part Name		Remarks
	1 KLJ-MC1F2-00	WAVE WASHER , T.C.	1	
	2 KMV-MC102-00	COVER,FEEDER SIDE 1	1	
	3 KMV-MC10C-S0	SEAL,MAIN LABEL	1	H027560 : need the concerned serial No.
	4 KMV-MC13L-00	COVER,FEED GEAR	1	
	5 KMV-MC158-00	COVER,IDLE GEAR 1	1	
	6 KMV-MC162-S0	PARTS,BOX COVER	1	H027560 : need the concerned serial No.
	7 KMV-MC162-00	COVER,TOP TAPE BOX	1	MT50061
	8 KMV-MC163-S0	PARTS,TAIL COVER	1	H027560 : need the concerned serial No.
	9 KMV-MC16U-00	TAIL COVER ASSY.	1	
	10 KMV-MC1A2-00	COVER,EL BOX	1	
	11 KMV-MC1F3-00	BRKT.,REEL HOLDER	1	
	12 KMV-MC1FX-00	SHAFT,TAIL COVER	1	
	13 KMV-MC1FY-00	COLLAR,TAIL COVER	1	
	14 90115-2AJ006	BOLT, HEX. SOCKET HEAD	8	
	15 90990-09J008	SCREW, FLAT HEAD	22	
	16 KLJ-MD901-00	REEL HOOK,8MM	1	<OP>

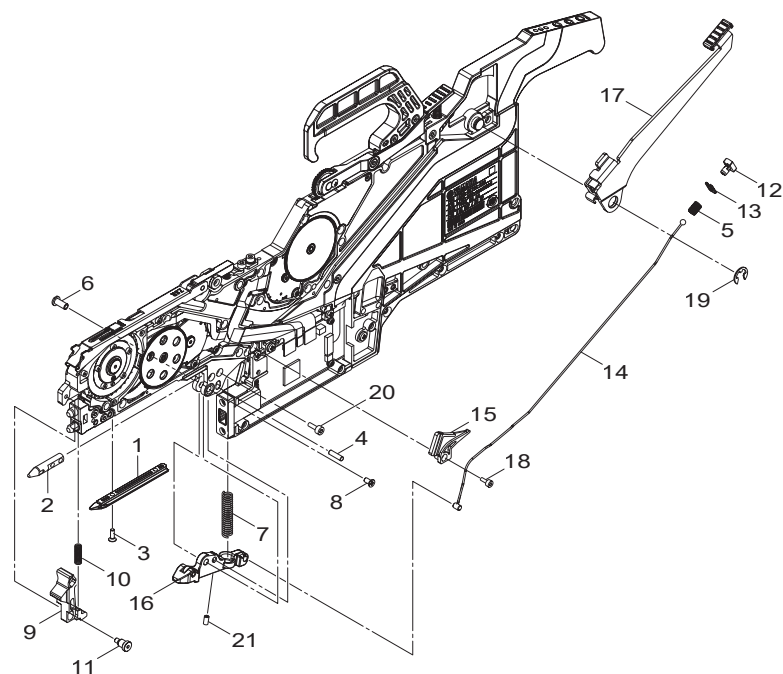


Fig. 2 Clamp

Ref. No.	Part No.	Part Name		Remarks
1	KHJ-MC104-00	RAIL, UNDER	1	
2	KHJ-MC105-00	PIN, TAIL	1	
3	KHJ-MC10F-00	SCREW, FLAT HEAD	2	
4	KHJ-MC139-00	SHAFT, IDLE GEAR 1	1	
5	KHJ-MC187-00	SPRING, TENSION	1	
6	KHJ-MC189-01	PIN, CLAMP	1	
7	KHJ-MC18A-00	SPRING, CLAMP	1	
8	KHJ-MC18J-00	SCREW, FLAT HEAD	1	
9	KMV-MC145-00	LEVER, TAPE GUIDE F	1	
10	KMV-MC147-00	SPRING, TAPE GUIDE F	1	
11	KMV-MC14E-00	SHAFT, LEVER	1	
12	KMV-MC183-00	SPACER, TENSION 1	1	
13	KMV-MC184-00	SPACER, TENSION 2	1	[Q'ty]=0,1,2...
14	KMV-MC186-00	WIRE, UNCLAMP	1	
15	KMV-MC18B-00	COVER, WIRE 1	1	
16	KMV-MC18H-00	CLAMP LEVER ASSY.	1	
17	KMV-MC18X-00	LEVER, UNCLAMP COMP.	1	
18	90115-2AJ006	BOLT, HEX. SOCKET HEAD	1	
19	90440-01J060	CIRCLIP	1	
20	91317-03008	BOLT HEX, SOCKET HEAD	2	
21	92A08-03306	SCREW SET	1	

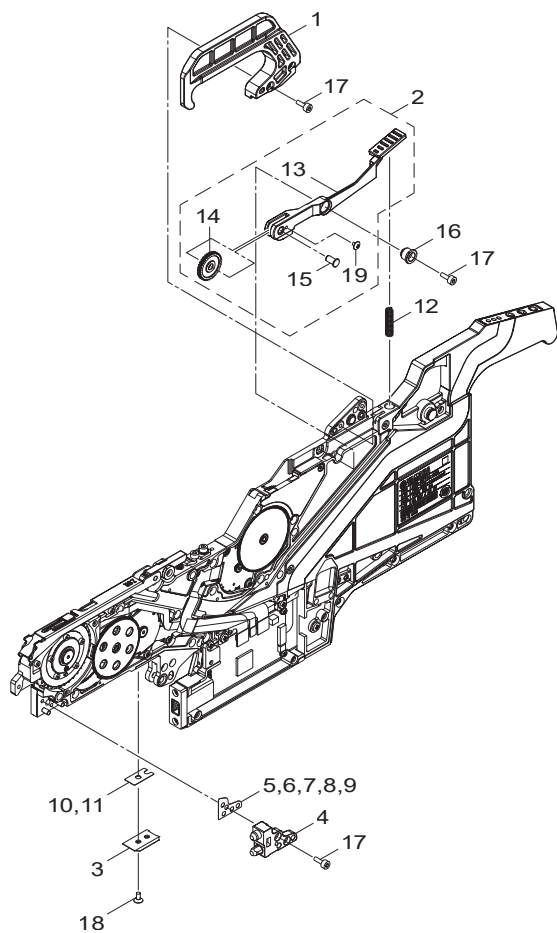


Fig. 3 Block

Ref. No.	Part No.	Part Name		Remarks
1	KMV-MC181-00	HANDLE	1	
2	KMV-MC16V-00	P/O LEVER ASSY.	1	
3	KHJ-MC106-00	PLATE,UNDER	1	
4	KLJ-MC10W-00	FRONT BLOCK ASSY.	1	
5	KHJ-MC107-00	SHIM,FRONT BLOCK 1	1	T0.01 : [Q'ty]=0,1,2...
6	KHJ-MC108-00	SHIM,FRONT BLOCK 2	1	T0.05 : [Q'ty]=0,1,2...
7	KHJ-MC10G-00	SHIM,FRONT BLOCK 3	1	T0.10 : [Q'ty]=0,1,2...
8	KHJ-MC10U-00	SHIM,FRONT BLOCK 4	1	T0.03 : [Q'ty]=0,1,2...
9	KHJ-MC10V-00	SHIM,FRONT BLOCK 5	1	T0.02 : [Q'ty]=0,1,2...
10	KHJ-MC109-00	SHIM,PLATE UNDER 1	1	T0.01 : [Q'ty]=0,1,2...
11	KHJ-MC10A-00	SHIM,PLATE UNDER 2	1	T0.05 : [Q'ty]=0,1,2...
12	KHJ-MC16E-00	SPRING,P/O LEVER	1	
13	KMV-MC168-00	LEVER,P/O	1	
14	KMV-MC169-00	ROLLER, P/O 2	1	
15	KMV-MC16A-00	SHAFT,P/O LEVER 1	1	
16	KMV-MC16B-00	SHAFT,P/O LEVER 2	1	
17	91317-03008	BOLT HEX,SOCKET HEAD	5	
18	98707-03006	SCREW,FLAT HEAD	2	
19	90990-66J005	SCREW,TRUSS HEAD	1	

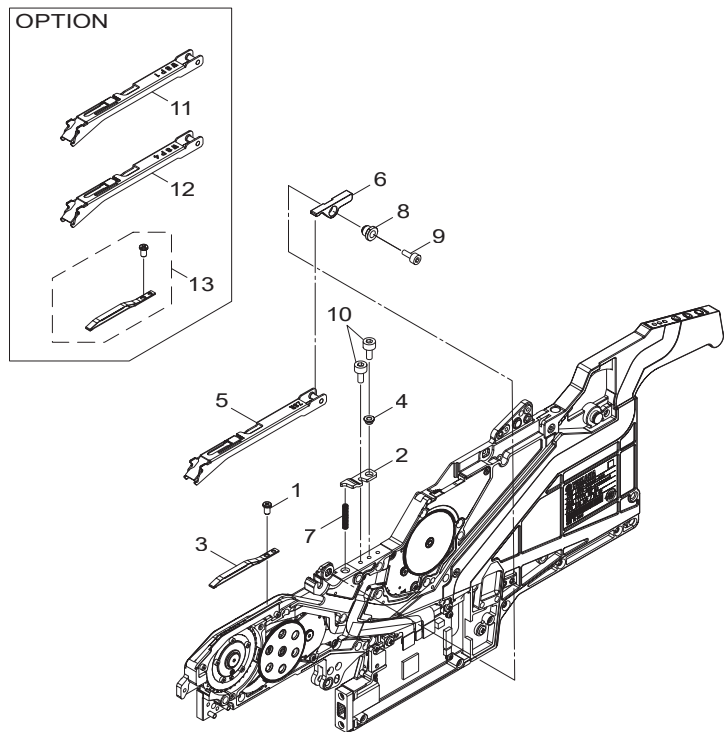


Fig. 4 Guide

Ref. No.	Part No.	Part Name		Remarks
1	KLJ-MC1C3-00	SCREW	2	MT30164
2	KLJ-MC14Y-00	PLATE,STOPPER	1	
3	KLJ-MC1C1-02	SPRING PLATE ASSY.	1	
4	KLJ-MC1H1-00	COLLOR,STOPPER R	1	
5	KMV-MC141-00	TAPE GUIDE	1	Phosphor Bronze
6	KMV-MC144-00	LEVER,TAPE GUIDE R	1	
7	KMV-MC146-00	SPRING,TAPE GUIDE R	1	
8	KMV-MC14C-00	SHAFT,GUIDE TAPE	1	
9	90115-2AJ006	BOLT, HEX. SOCKET HEAD	1	
10	91312-03006	BOLT HEX,SOCKET HEAD	2	
11	KMV-MC14A-00	TAPE GUIDE,W8P1	1	<OP> 1mm pitch
12	KMV-MC14B-00	TAPE GUIDE,W8P4	1	<OP> 4mm pitch
13	KLJ-MC1C1-B0	SPRING PLATE ASSY.	1	<OP> non-magnetic type

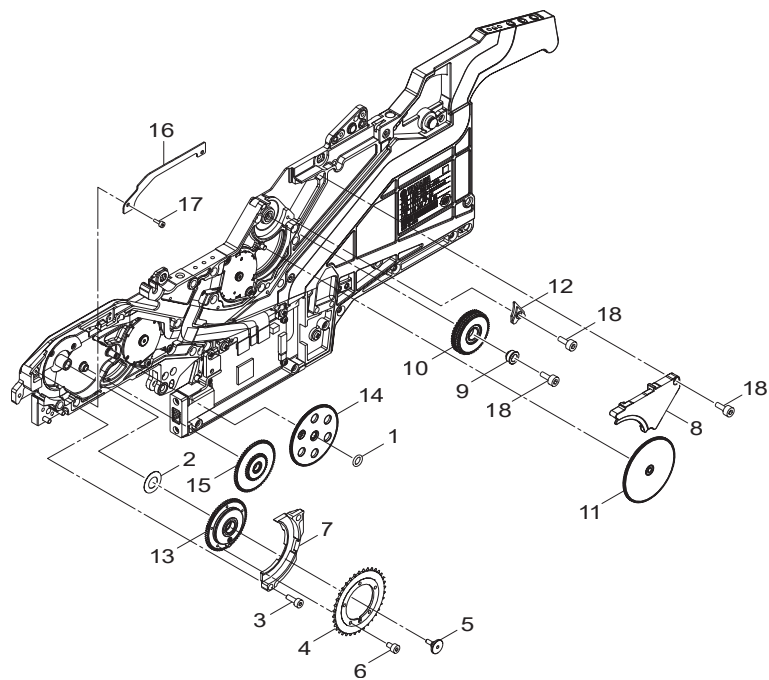


Fig. 5 Gear

Ref. No.	Part No.	Part Name		Remarks
1	90200-22J035	O-RING	1	
2	90990-37J010	WASHER, BELLEVILLE	1	
3	KMV-MC11T-00	BOLT, LOCK S/H	2	
4	KMV-MC132-00	SPROCKET	1	
5	KMV-MC13E-00	BOLT, GEAR DRIVEN	1	
6	KMV-MC13T-00	BOLT HEX. SOCKET HEAD	5	
7	KMV-MC13Y-00	COVER, FEED GEAR 2	1	
8	KMV-MC159-00	COVER, IDLE GEAR 2	1	
9	KMV-MC15H-00	SHAFT, IDLE GEAR P2	1	
10	KMV-MC15M-00	P/O ROLLER 1 ASSY.	1	
11	KMV-MC15U-00	GEAR, IDLE P1 ASSY.	1	
12	KMV-MC166-00	BLOCK, P/O TOOTH 1	1	
13	KMV-MC1E0-00	D/G COMP. ASSY.	1	
14	KMV-MC1E1-00	GEAR, IDLE F1 ASSY.	1	
15	KMV-MC1E2-00	GEAR, IDLE F2 ASSY.	1	
16	KMV-MC1EN-00	GUIDE, SPROCKET	1	
17	90112-02J006	BOLT HEX, SOCKET HEAD	2	
18	90115-2AJ006	BOLT, HEX. SOCKET HEAD	3	

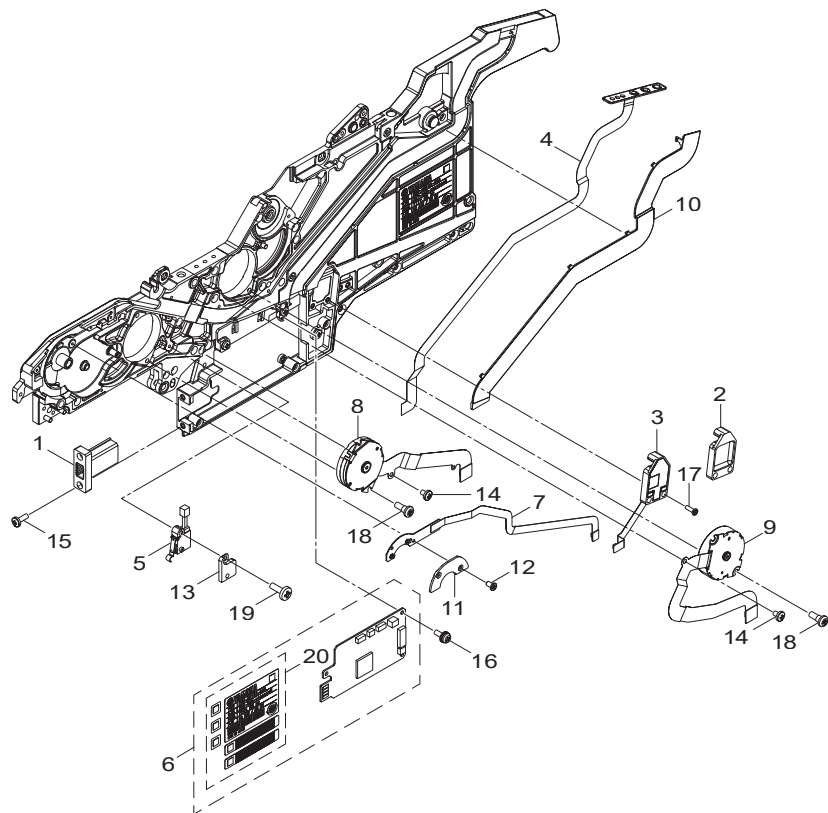


Fig. 6 Electric

Ref. No.	Part No.	Part Name		Remarks
1	KHJ-MC1A9-00	CONNECTOR,BOARD	1	
2	KLJ-MC1A5-00	DUMMY SPLICE SENSOR	1	[KMV-MC100-00]
3	KMV-MC1A5-00	SPLICE SENS. 8MM	1	[KMV-MC100-10]
4	KLJ-MC1AA-00	SWITCH,OPERATION	1	
5	KLJ-MC1AL-00	SW,LIMIT	1	
6	KMV-M4488-A0	PARTS,FEEDER BOARD	1	H027560 : write the latest firmware & serial No.
7	KMV-M4664-01	ABS BOARD ASSY.	1	
8	KMV-MC110-00	MOTOR,FEED	1	
9	KMV-MC120-00	MOTOR,PEEL	1	
10	KMV-MC167-00	COVER,MENBRANE	1	
11	KMV-MC1A4-00	COVER,ABS	1	
12	KMV-MC1A7-00	SCREW,PAN HEAD	2	
13	KMV-MC1AJ-00	NUT,PLATE	1	
14	90166-02JA03	SCREW, PAN HEAD	2	
15	90166-02JA06	SCREW, PAN HEAD	2	
16	90166-12JA06	SCREW, PAN HEAD W/W	3	
17	90990-08J020	SCREW, PAN HEAD	2	
18	90990-08J021	SCREW,STAD	4	
19	98902-03008	SCREW,BINDING HEAD	1	
20	KMV-MC10C-S0	SEAL,MAIN LABEL	1	H027560 : need the concern ed serial No.

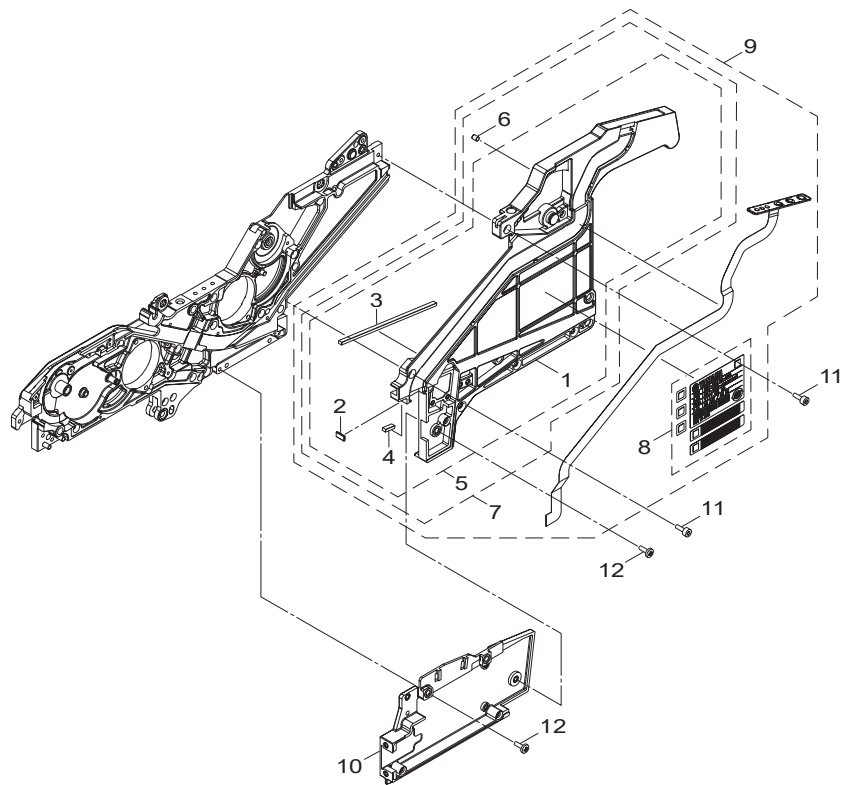


Fig. 7 Box

Ref. No.	Part No.	Part Name	Remarks
1	KMV-MC161-00	BOX,TOP TAPE	1 not for sale
2	KMV-MC1BE-00	SPONGE, GUARD 1	1
3	KMV-MC1BF-00	SPONGE, GUARD 2	1
4	KMV-MC1BG-00	SPONGE, GUARD 3	1 MT50061
5	KMV-MC16X-00	T/T BOX SUB-ASSY.	1 not for sale
6	KHJ-MC165-00	MAGNET, TAIL	1 assembled at factory
7	KMV-MC16Y-S0	TOP TAPE BOX COMP.	1 H027560
8	KMV-MC10C-S0	SEAL, MAIN LABEL	1 H027560 : need the concern ed serial No.
9	KMV-MC160-S0	PARTS, TOP TAPE BOX	1 H027560 : need the concern ed serial No.
10	KMV-MC1A1-00	BOX, EL	1 H027559
11	91317-03008	BOLT, HEX. SOCKET HEAD	2
12	98902-03008	SCREW, BINDING HEAD	3

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Robotics Operations

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