

TYPE

SC-100Z

SC-115Z

SC-137Z

Ver. PRSC 001 (EN)

PARTS MANUAL

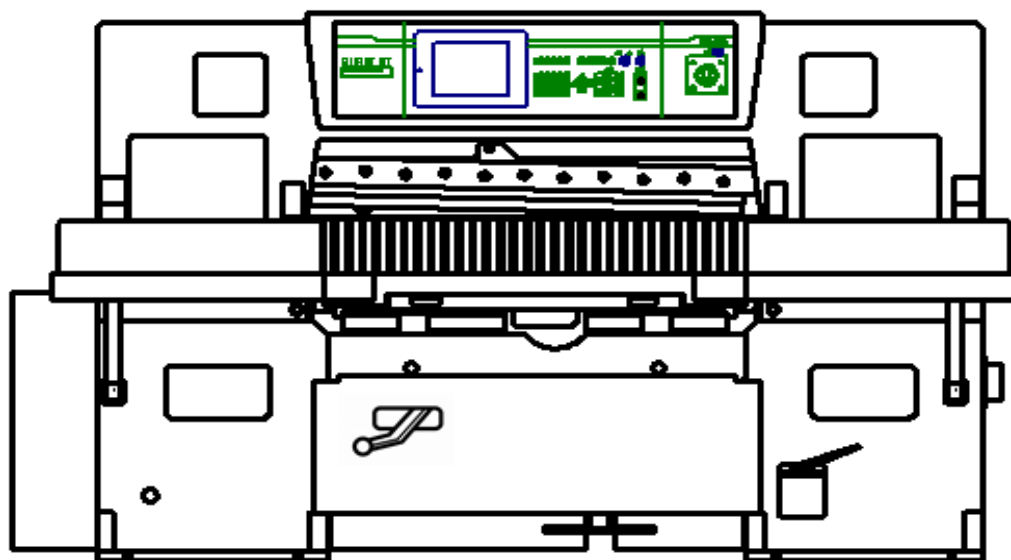


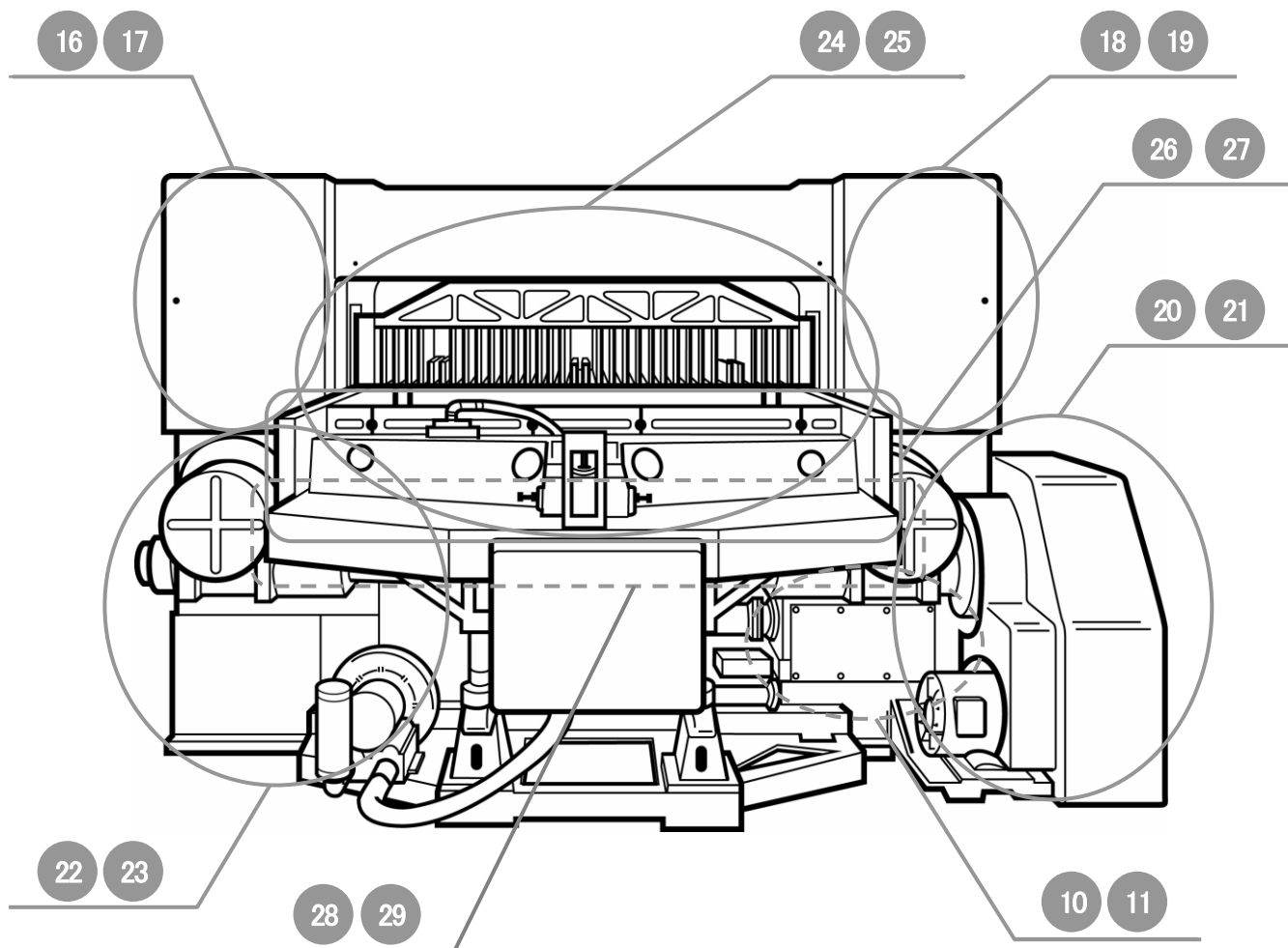
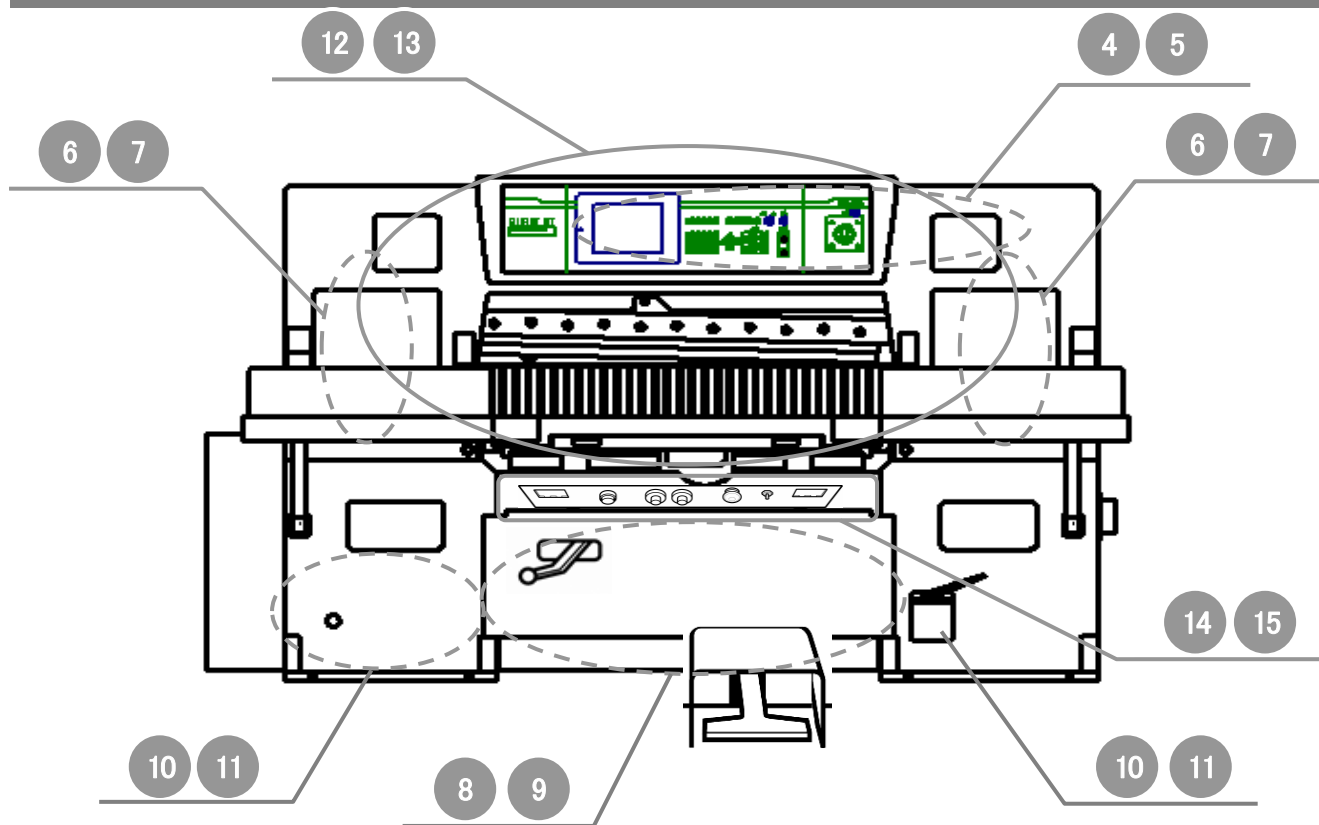
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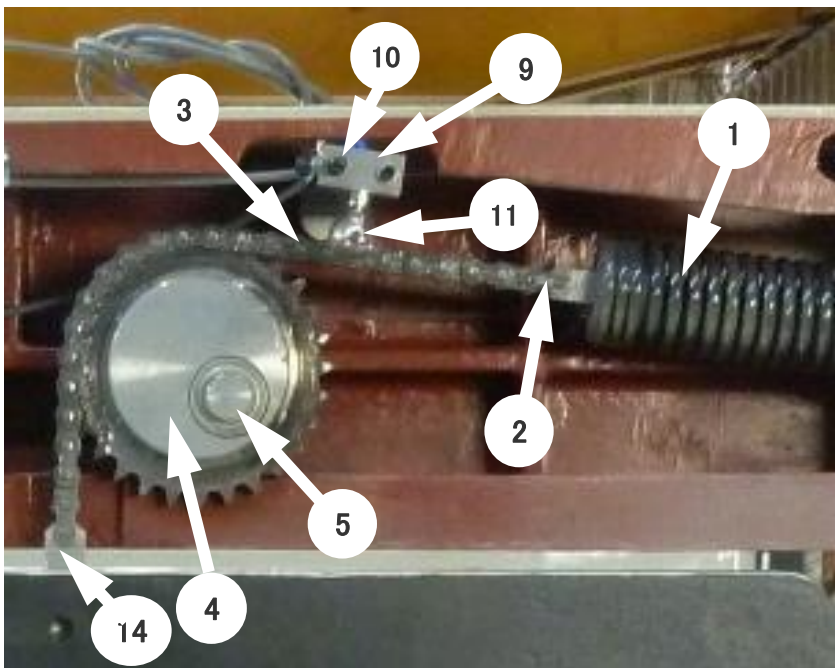
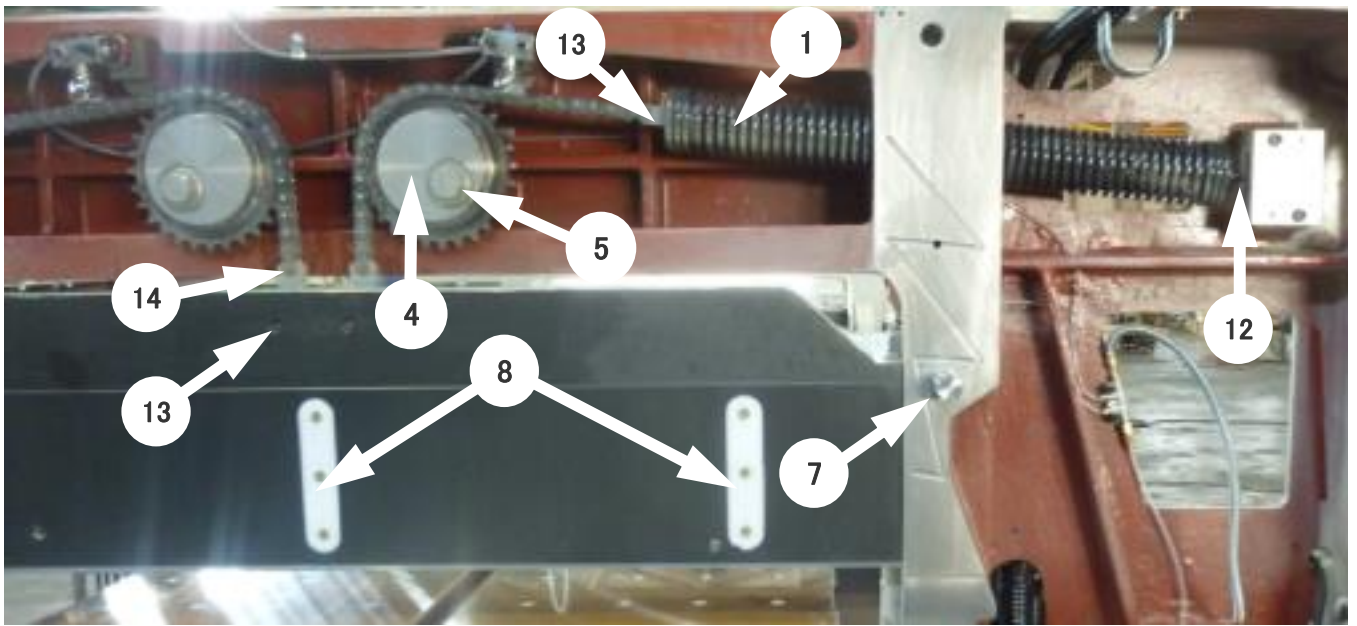
Foreword

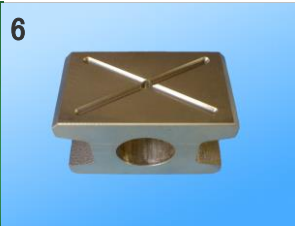
1. Use genuine parts specified in this document for replacement to avoid damage to the machine and assure safety.
We will not assume responsibility for any damage that may be caused by replacement parts made by third parties.
2. Even if replacement is made with genuine parts, we will not assume responsibility for injuries and /or material loss unless instaration is made correctly by those having correct knowledge about replacement and so on.
3. For the handing of the machine, follow the description given in the " Instruction Manual " attached to the machine.
4. Description given in this document is subject to change without prior notice for improvement.
5. Part or whole of this document may not be transcribed wuthout prior approval.
6. While this document has been prepared carefully, contact ue for any uncertaintied, errors and/or missing description if you find any.

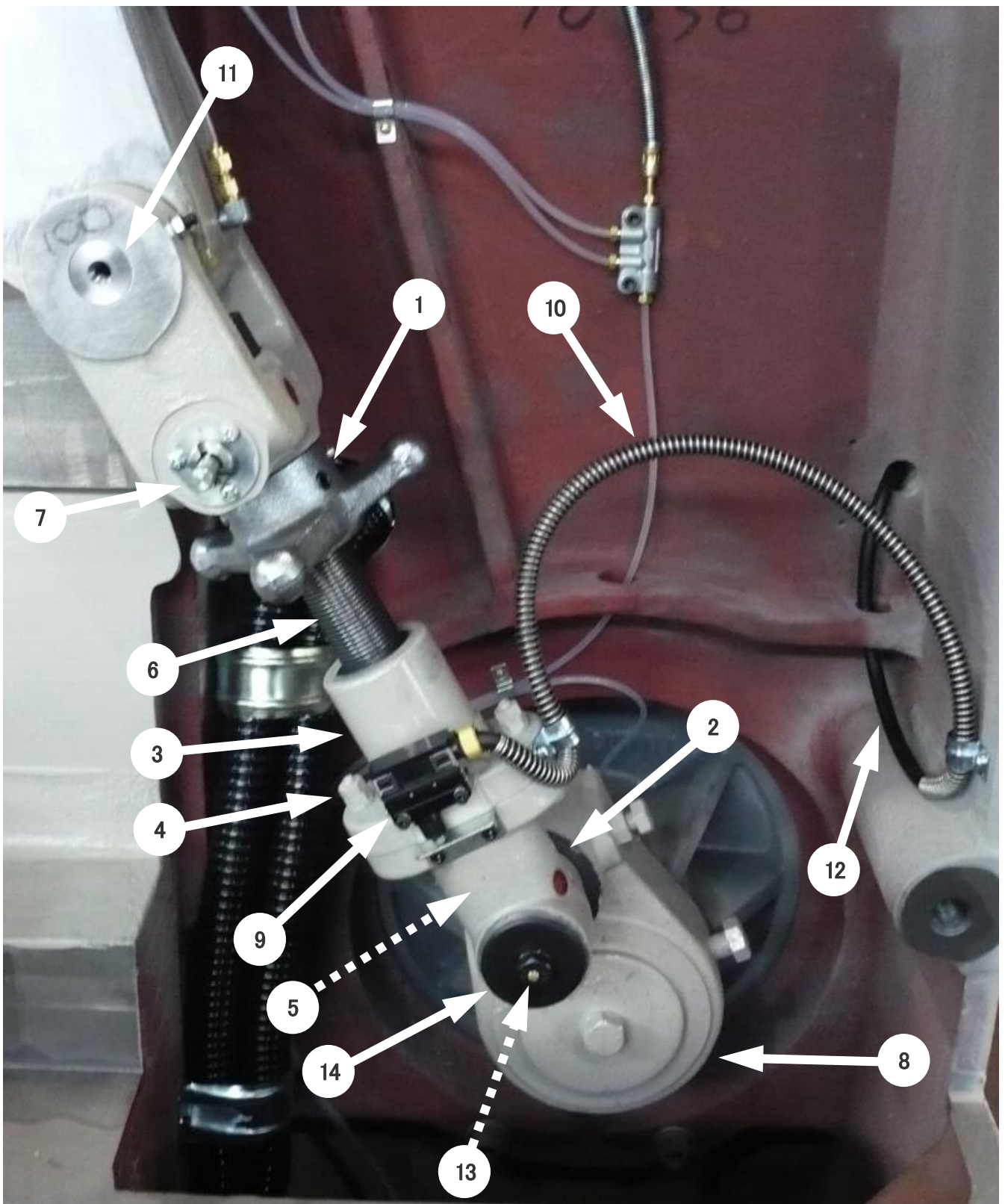
The Whole Body



Inside Front Body 1

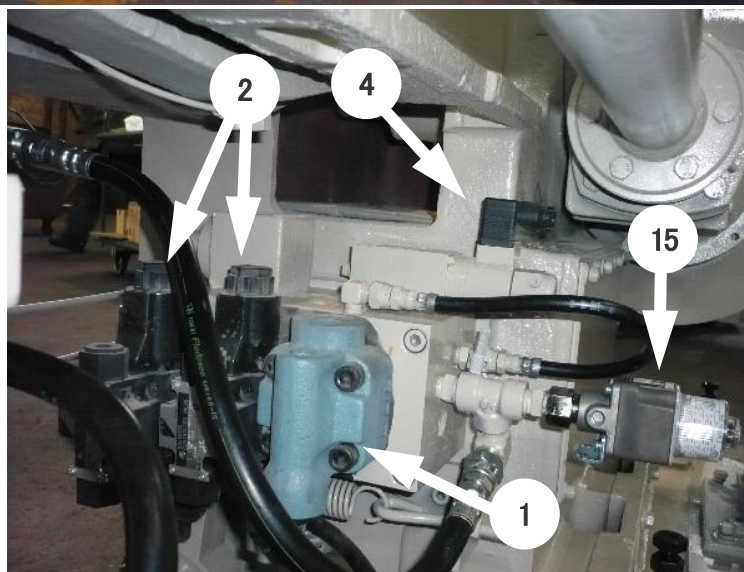
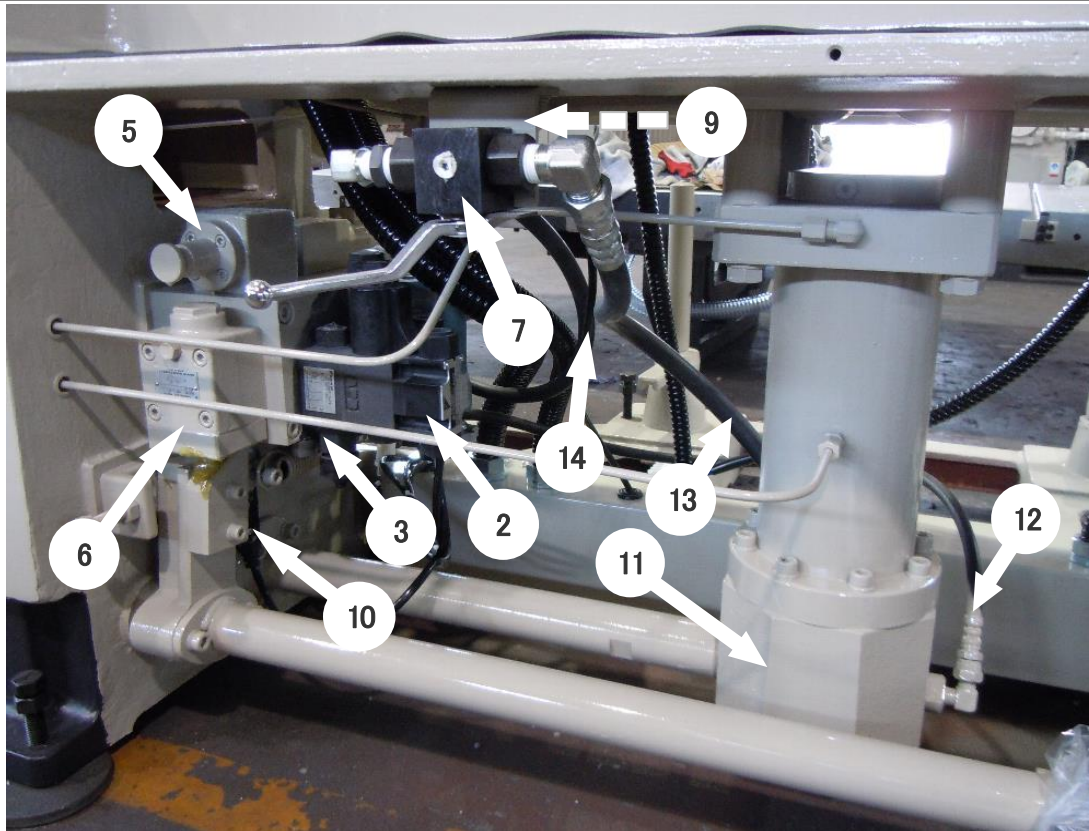


Inside Front Body 1				
				
Spare Part	Clamp Pull Up Spring Assy	Link for Chain	Chain	Chain Sprocket
Code	DC8342(SC-100Z) DD8342(SC-115Z) DL8342(SC-137Z)	PE2112(SC-100~137Z)	DD3310(SC-100~137Z)	DD3302(SC-100~137Z)
Type	RS60 Clip Type (SC-100~137Z)		RS60 (SC-100~137Z)	
Remarks				
				
Spare Part	Pin for Chain Sprocket	Knife carrier guide piece	Knife Carrier Guide Piece pin	Clamp Mounting Plate
Code	DD3303(SC-100~137Z)	D2416A	D2418A (SC-100~137Z)	D3119A
Type				
Remarks				
				
Spare Part	Cut-line Holder	Shaft for holder	Cut-line Lamp	Pspring Adjust Bolt
Code	D1705C(Y4109902)	D1703	Y9410901231	PD16G0A
Type	A5087M 24V 45W			
Remarks				M12 × 300L
				
Spare Part	Chain Pin for Spring	Joint for Clamp Chain		
Code	DD3304	DD3306		
Type				
Remarks				



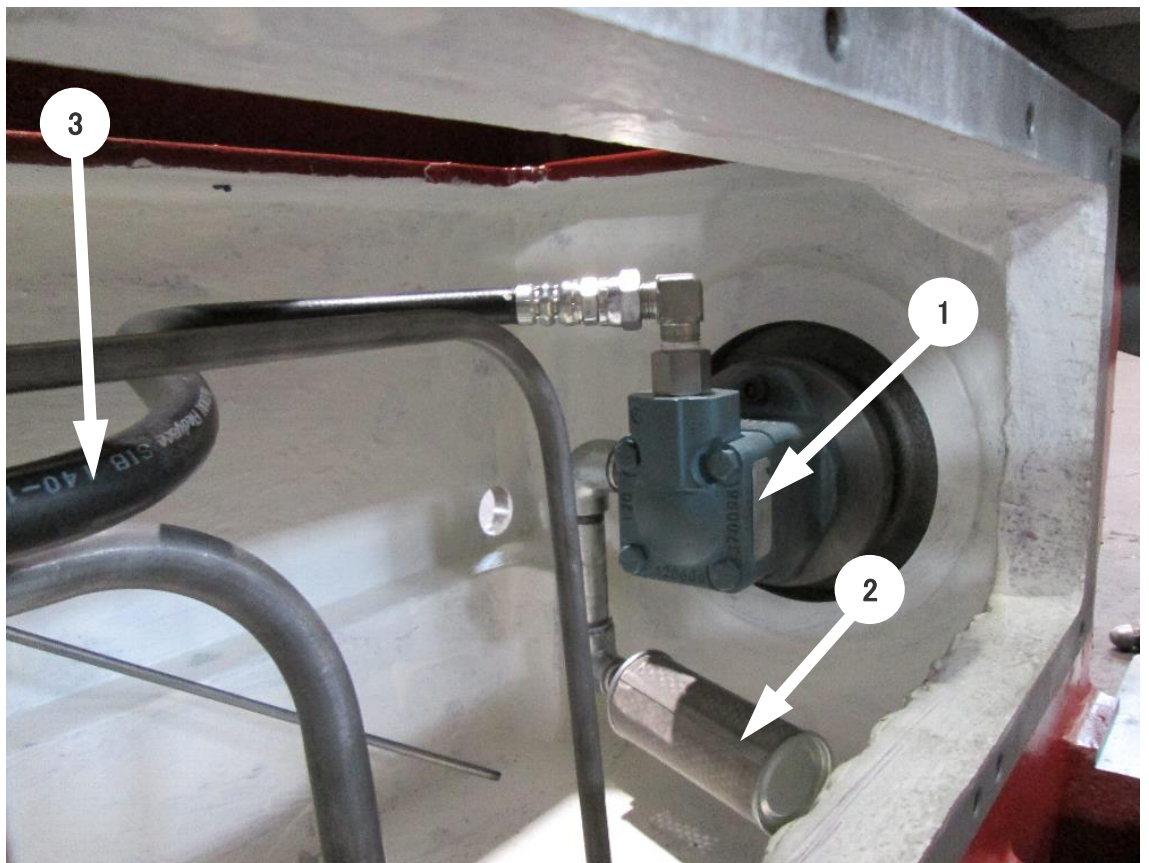
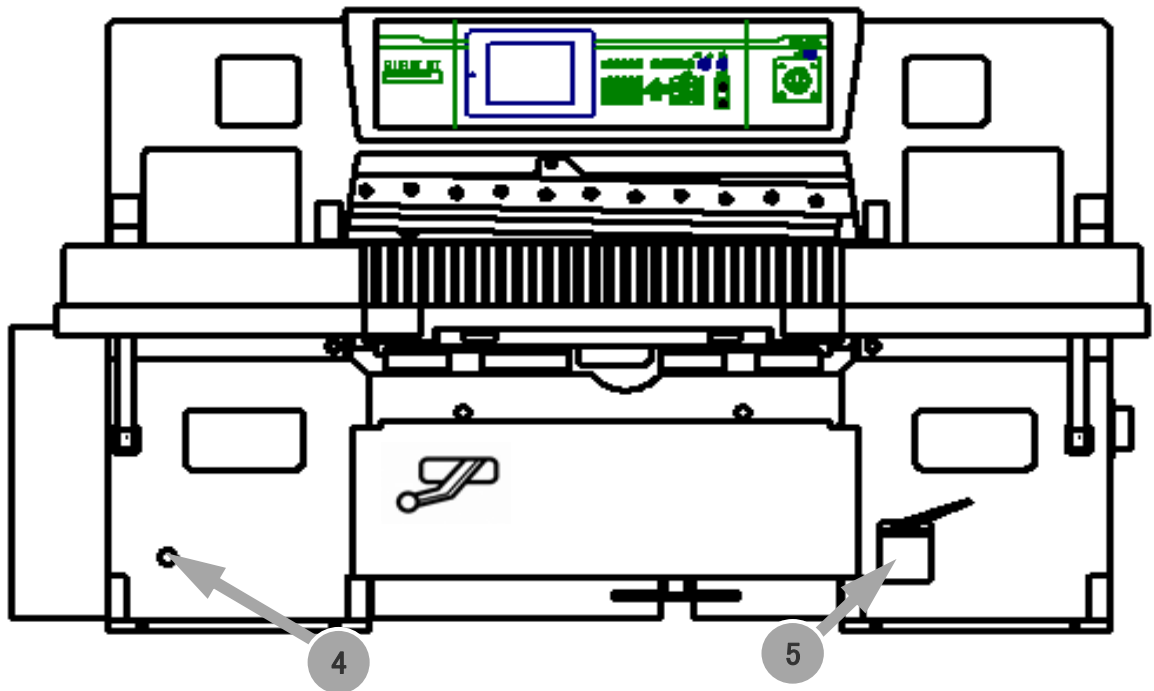
Inside Front Body 2				
				
Spare Part	Rod(A) Assy	Rod 1	Rod 2	Shear Bolt
Code	L / R DC2420/BC2410(SC-100Z) DD2420/D2410 (SC-115Z, SC-137Z)	D2402	D2405 (SC-100~137Z)	H2415
Type				
Remarks				
				
Spare Part	Insert Rod	connecting Rod	Stoppar	Crank
Code	D2404 (SC-100~137Z)	L / R DC2409/BC2408(SC-100Z) DD2409/D2408A(SC-115Z, SC-137Z)	D2430	L / R C2304A/C2303A(SC-100Z) D2304A/D2303A (SC115Z) L2304A/D2303(SC-137Z)
Type				
Remarks				
				
Spare Part	Limit Switch	Coil for Cable	Knife Carrier Pin	Cable
Code	Y3016004	Y0010102	D2418A (SC-100~137Z)	Y1511252
Type	SL1-H			
Remarks				
				
Spare Part	Crank Pin	Washer for Crank Pin		
Code	D2306A	D2307		
Type				
Remarks				

Inside Front Body 3



Inside Front Body 3				
	1	2	3	4
Spare Part	Relieve Valve	Solenoid Valve	P-Port Sequence Valve	Magnetic Relief Valve
Code	PC2221	PC2411	PC2533	PC2622
Type	HDRI-03G-3	KSO-G02-2BZ-30-D90	MQ-02P-21-50	JRP-G02-2-S-30-L
Remarks				
	5	6	7	8
Spare Part	Relieve Valve	Pilot Valve	Throttle Valve	
Code	PC2211	PC2431	BL3515AA	
Type	DRIM-G03	DD2-2G-02-416	BV-T04-21-216	
Remarks				
	9	10	11	12
Spare Part	Limit Switch	Limit Switch	Hydraulic Cylinder	High pressure Hose
Code	Y3102003	Y3100005	DC3600(SC-100Z) DD3600(SC-115Z) DL3600(SC-137Z)	PC3523A
Type	D2MV-01L22-1C3	Z-15GQ22A55-B5V		EXC140K × 1/4 × 900L
Remarks	ナワ交換検出用			
	13	14	15	16
Spare Part	High Pressure Hose	High Pressure Hose	Pressure Sensor	
Code	PC3562	PC3549	PC5112	
Type	140K × 1/2 × 630L	NSL-140-9-630L	TDV-3F	
Remarks				

Inside Oil Tank



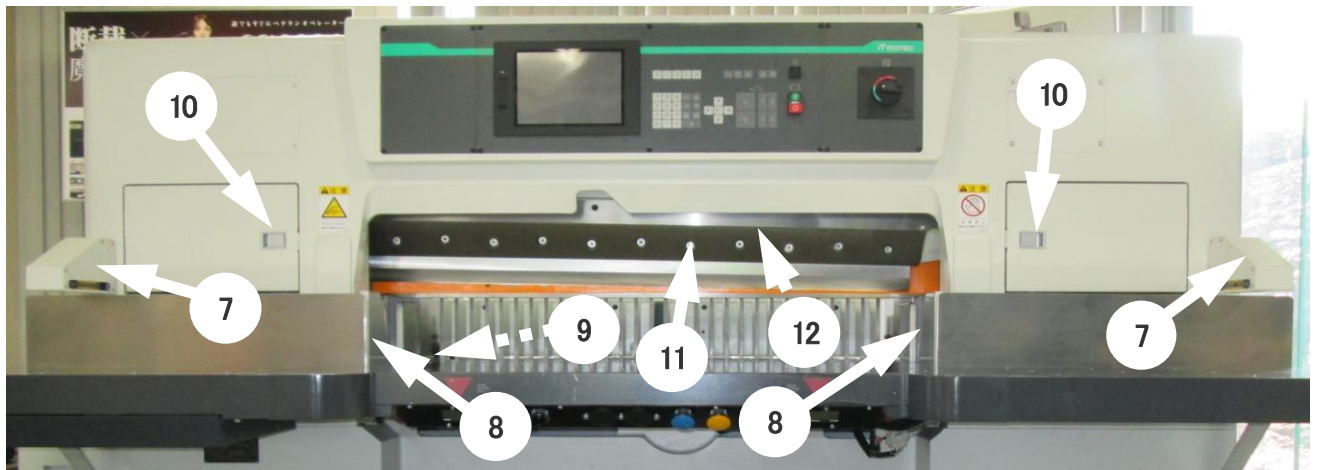
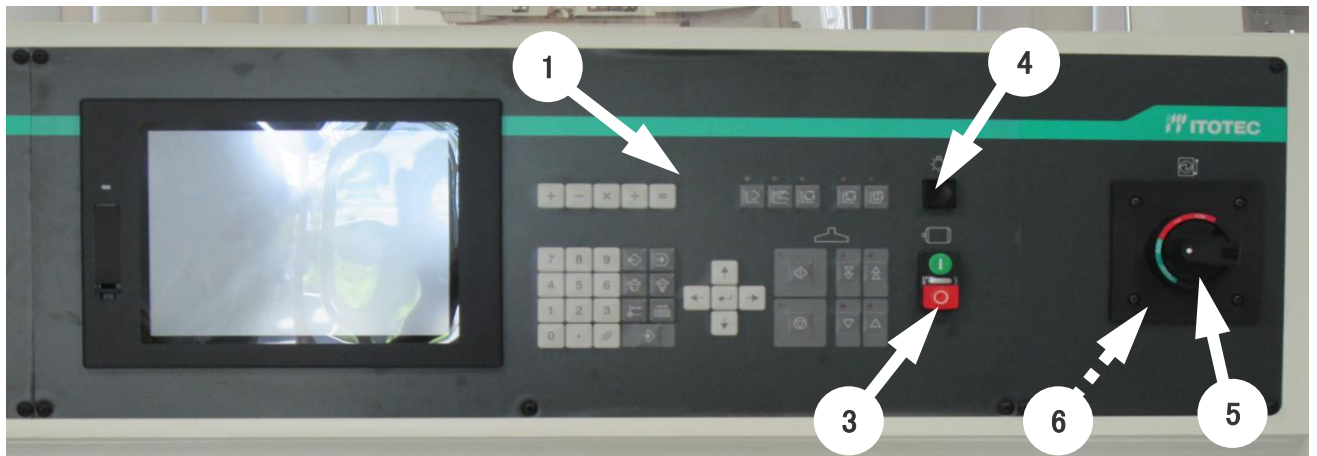
	Inside Oil Tank			
				
Spare Part	Vane Pump	Oil Strainer	High Pressure Hose	Oil Level Gauge
Code	PC2114	PC4131	PC3561	PC4151
Type	DE10-4-R-10	SS-40615-20	140k × 1/2 × 570L	KD-3
Remarks				

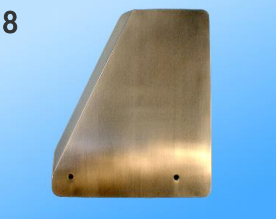
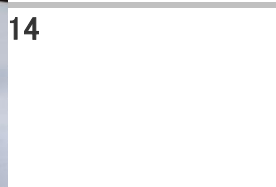
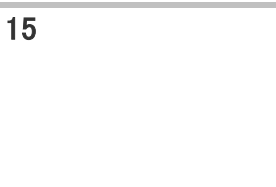
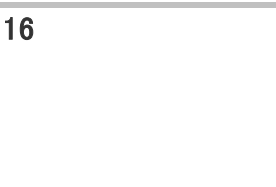
				
Spare Part	Lubrication Pump			
Code	PG4211L			
Type	HLA7L			
Remarks				

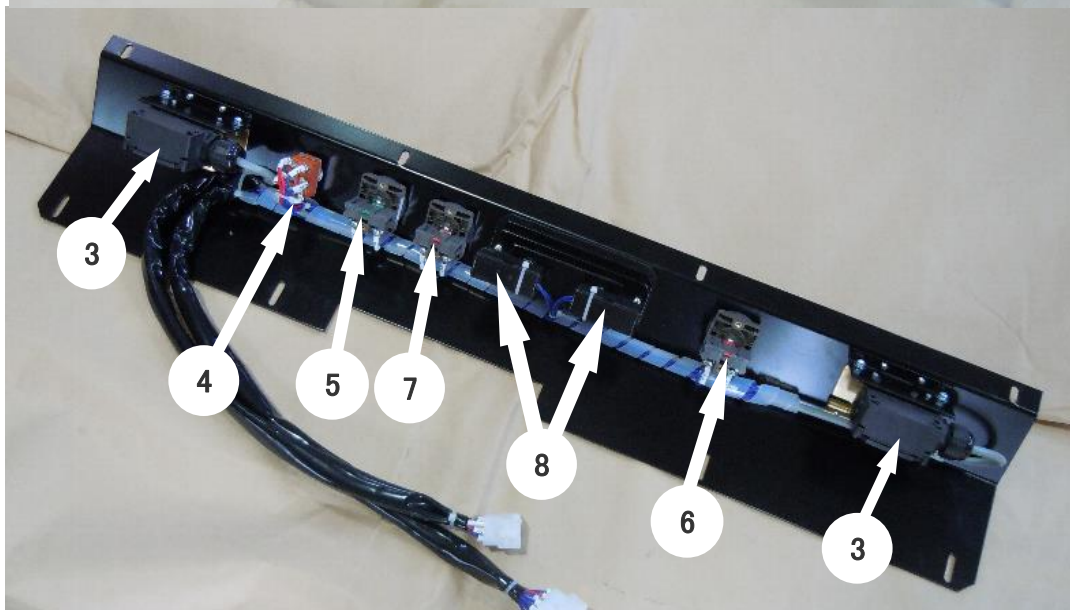
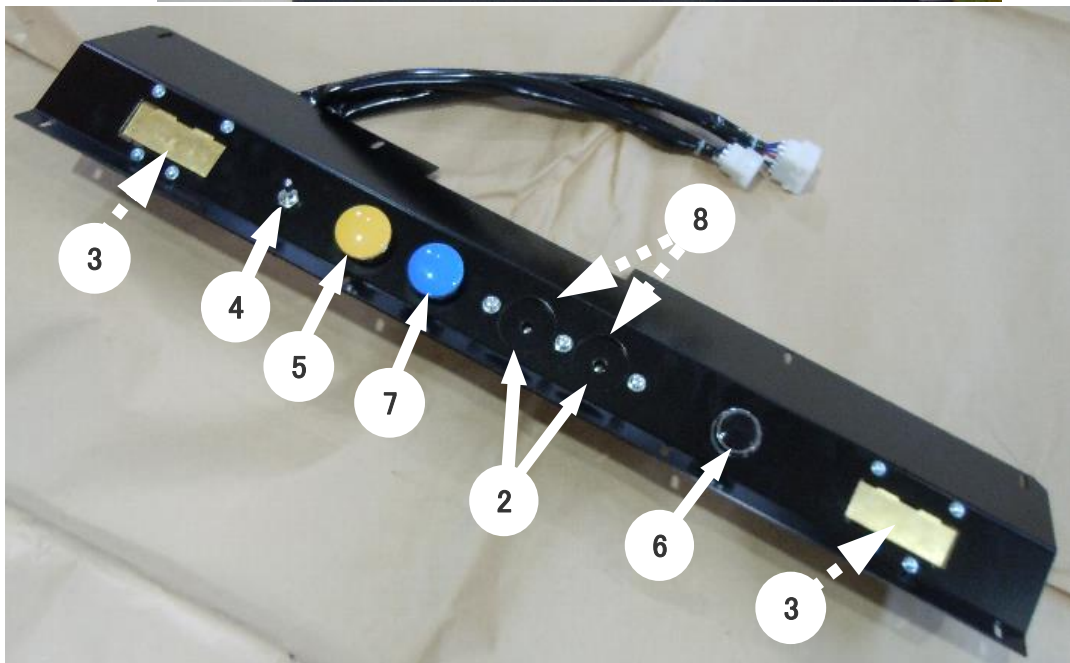
	9	10	11	12
SparePart				
Code				
Type				
Remarks				

	13	14	15	16
Spare Part				
Code				
Type				
Remarks				

Front Body 1

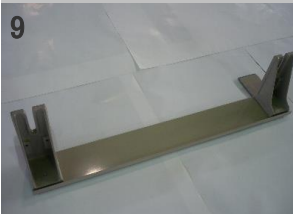
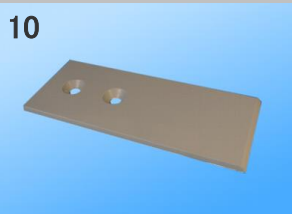


Front Body 1				
	1 	2 	3 	4 
Spare Part	Controller		Push-button Switch	
Code			Y3500251	
Type	SC		ZB5 AW0B35 + ZB5 AW7L3741	
Remarks			for main motor start/stop	
	5 	6 	7 	8 
Spare Part	Handle	Circuit Breaker	Safety Beam Guard	Front side Plate
Code	Y3701023			L / R D4129/D4128 (SC-100~137Z)
Type	BZ6V10D	BW32SAG 3P 30A (SC-100 ~ 137Z)	GL-R08H	
Remarks	Specification of the standard parts are subject to change due to custom requirement.			
	9 	10 	11 	12 
Spare Part	Spring for Cutting Stick	Flush Latches	Knife bolt	Lengthening Pin
Code	D4703		C2511A(SC-100Z用) D2511A(SC-115,137Z用)	D2519A
Type	C-866-2B			
Remarks	Use this part when the wormout length of knife reached 20 mm.			
	13 	14 	15 	16 
Spare Part	Safety Beam Guard			
Code				
Type	MAG-165			
Remarks	(Option : Wide-area Type)			

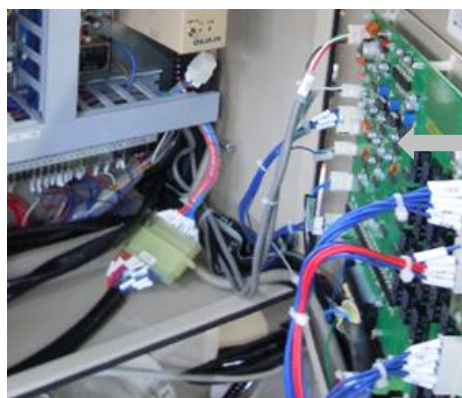
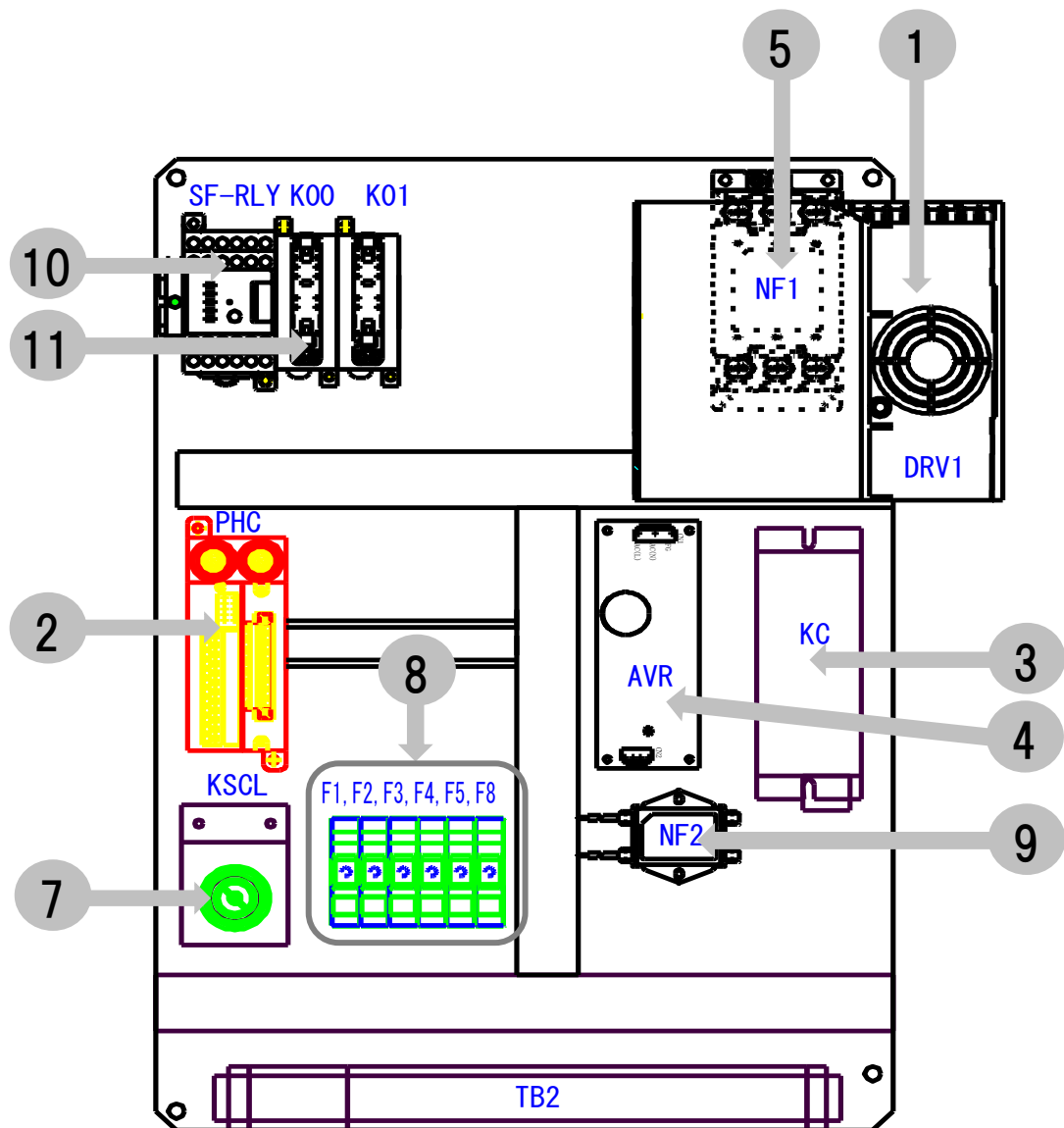


	Front Body 2			
				
Spare Part	Operation Panel	Knife Supporting Bolt	Limit Switch	Snap Switch
Code	XRC15090	D2530	Y3000104	Y3551104
Type			D4N6131	WD1322
Remarks		for knife change	for knife switch	for air on-off selection

				
Spare Part	Push-Button Switch	Push-Button Switch	Push-Button Switch	Micro Switch
Code	Y3503204	Y3503101		Y3100001
Type	ABN310Y	ABN201B	ABN301S	Z-15GQ-B
Remarks	for recovery of compressed air	for clamp release	for stop compressed air	for knife supporting bolt

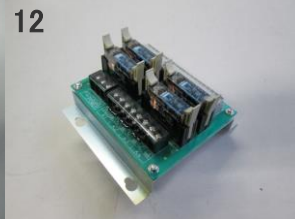
				
Spare Part	Knife Holder Assy	Plate for Knife holder	Knife Fixing Handle	Knife Bar
Code	SC-115,137Z用は D2515(右)/D2516(左)、 BD2518(連結板)のセット 各機種用があります	FD2517 (SC-100~137Z)	D2514	D2513
Type				
Remarks	for knife change	for knife change	tool for knife change	tool for knife change

	13	14	15	16
Spare Part				
Code				
Type				
Remarks				

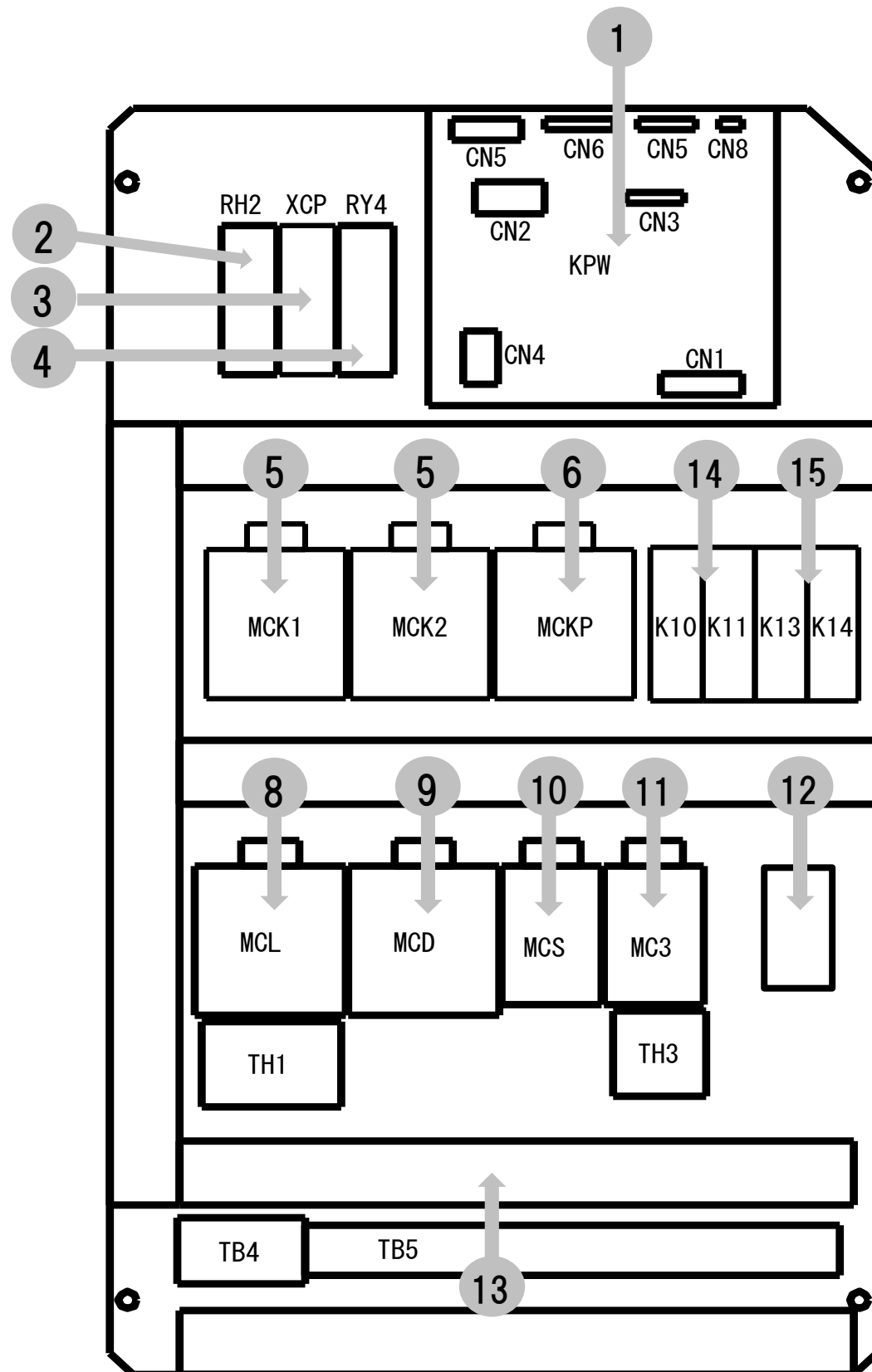


Electric Box 1				
				
Spare Part	AC Servo Driver	Interface for Safety Beam	Amplifier for Hydraulic	Switching Power Supply
Code	Y5300016		PC2671	Y5404101
Type	SGD7S-5R5A00A (750W) (SC-100~137Z)	GL-T11R (KEYENCE)	KC-6-10-122	LFA30F-24-J1
Remarks	YASKAWA	Various according to the adopted safety beam type in addition to the standard part	DAIKIN	

				
Spare Part	Noise Filter	P.C. Board CC-E4	Select Switch with key	Fuse/Fuse holder
Code	Y0200031	Z01248		Y0016001
Type	TAC-20-683	CC-E4b	ABS 2K22N	F-10BS
Remarks		ITOTEC	for clutch key IDEC	F1 F2 F3 F4 F5 F8

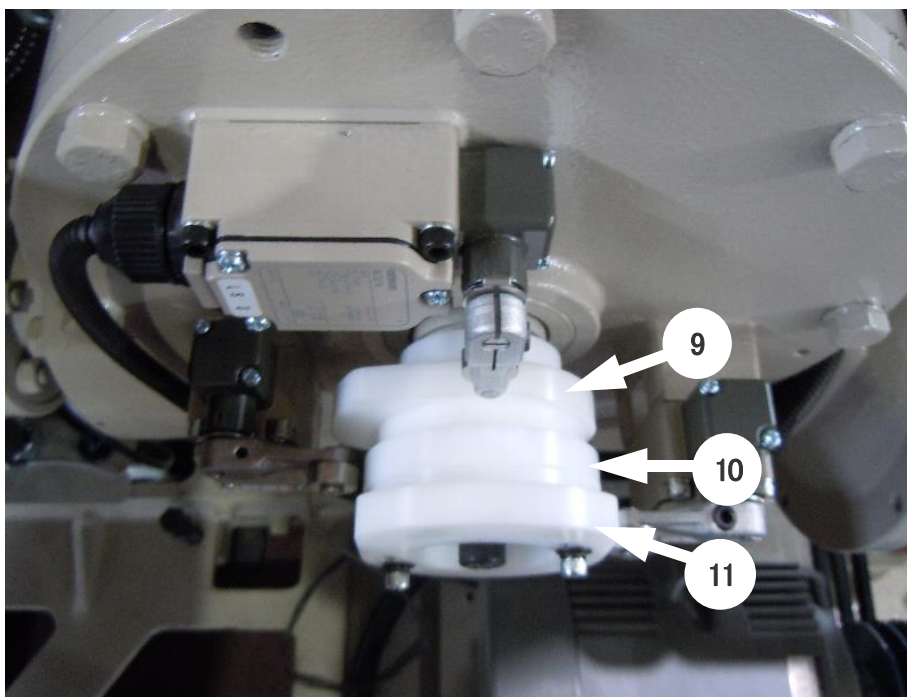
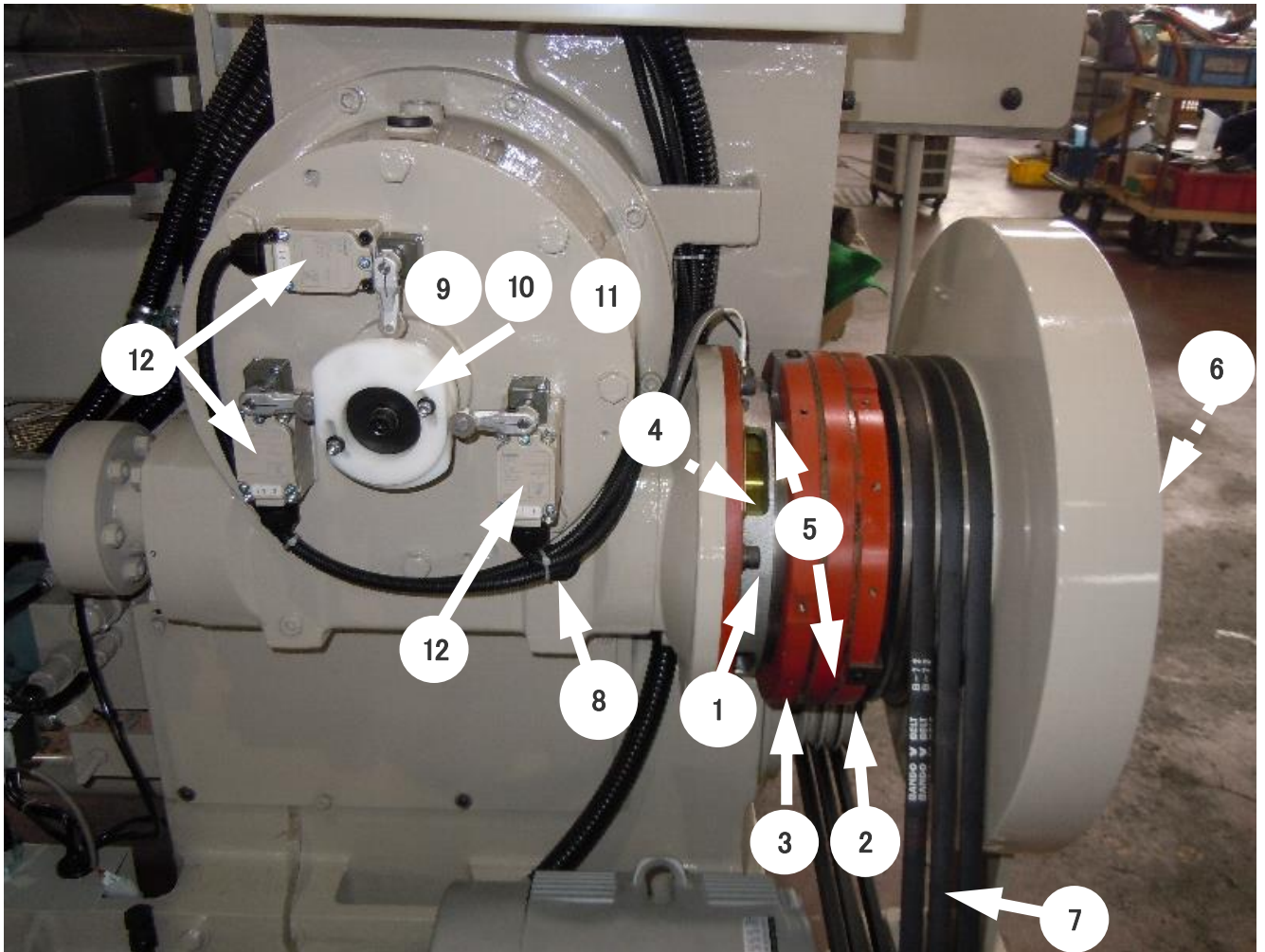
				
Spare Part	Noise Filter	Safety Relay Unit	Safety relay	Interface for Safety Beam
Code	Y0200010	Y4207501	Y4207454	
Type	RSEL-2002W	G9SA-TH301	G7SA-2A2B DC24 P7SA-10F-ND DC24	MAG-CA
Remarks		OMRON	(K00, K01) OMRON	(Option) for MAG-165

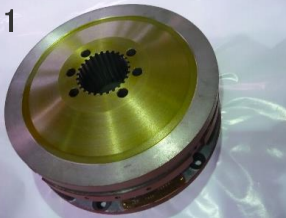
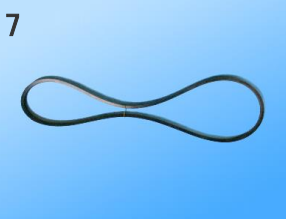
	13	14	15	16
Spare Part				
Code				
Type				
Remarks				



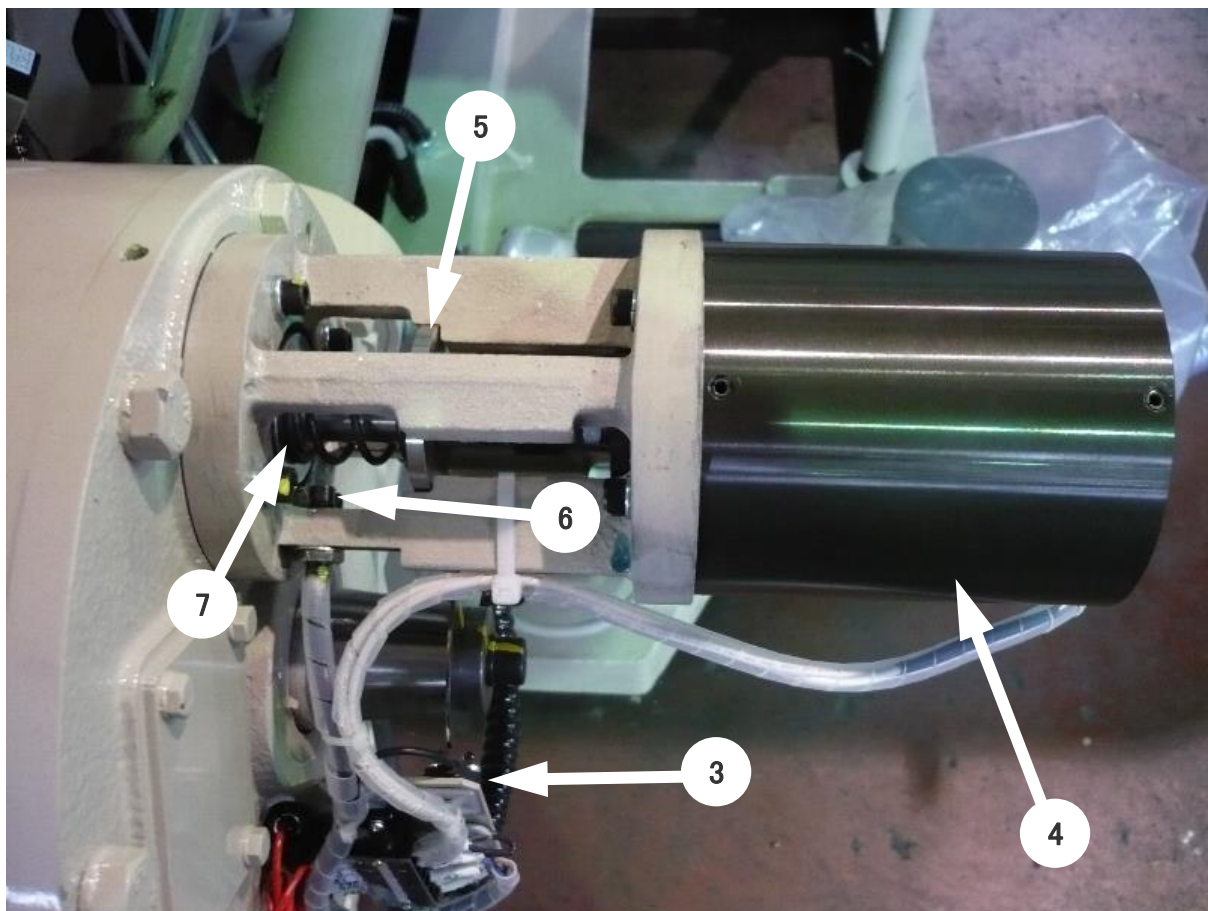
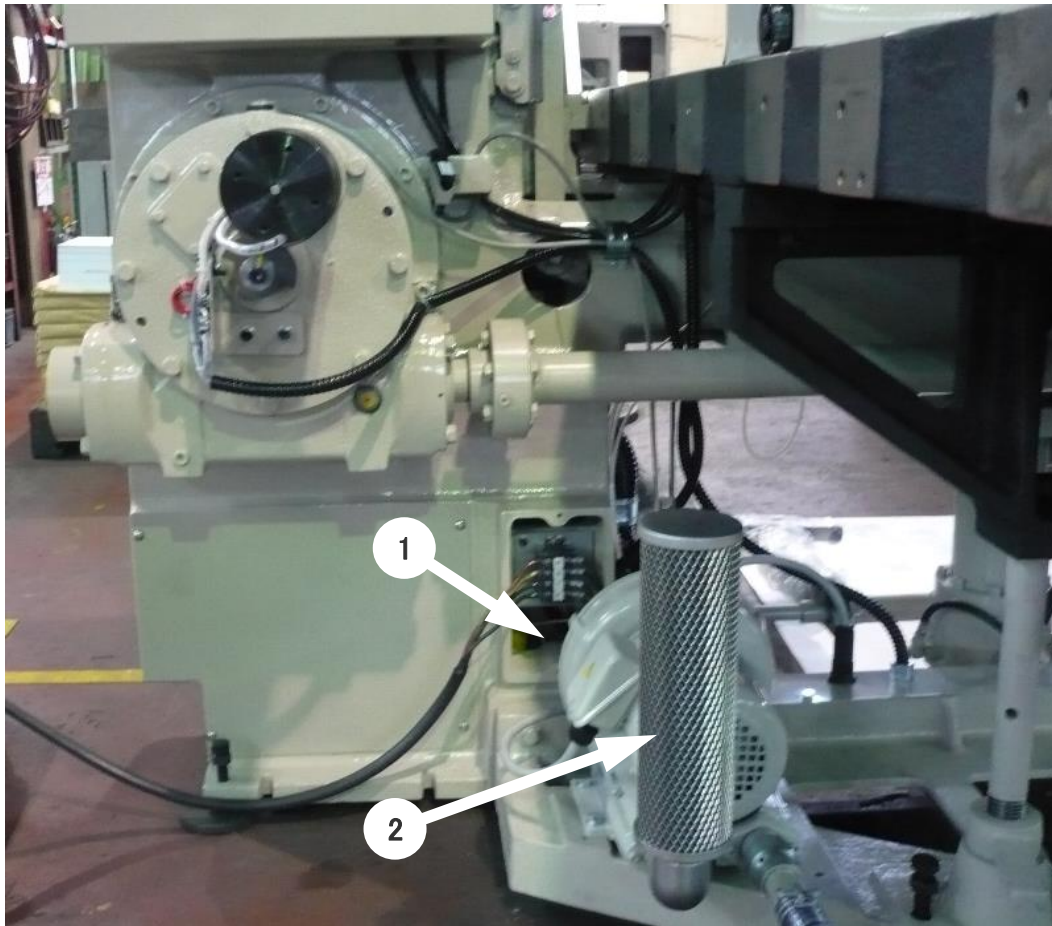
Electric Box 2				
	1	2	3	4
				
Spare Part	P.C.Board KPW-B2	Relay	Timer	Relay
Code		Y4207290		Y4207108
Type		MY4-CR AC100V	H3Y-4 DC24 1S	MY2-D-DC24
Remarks	(KPW) ITOTEC	(RH2) OMRON	(XCP) OMRON socket : PYF14A-E/Y92H-3	(RY4) OMRON
	5	6	7	8
				
SparePart	Magnet Relay	Magnet Relay	Relay	Magnet Relay
Code			Y4209102	Y3807422
Type	SC-5-1/Z5 AC100V 1a1b SZ-A22	SC-05/Z5 AC100V 2a SZ-A11	G7Z-2A-B AC100-12V	SW-5-1/Z2 AC100V 1a1b 12A SZ-A11
Remarks	(MCK1, MCK2) FUJI	(MCKP) FUJI	(Option) for Knife Carrier sutopper	(MCL [TH1]) FUJI
	9	10	11	12
				
Spare Part	Magnet Relay	Magnet Relay	Magnet Relay	Surge Suppressor
Code	Y3801002	Y3800001	Y380521(2.2A) Y380523(4A)	Y0100012
Type	SC-5-1/Z2 AC100V 1a1b	SC-0/Z2 AC100V 1b	SW-0/Z2 AC100V 1a 2.2A (SC-100-115Z) SW-0/Z2 AC100V 1a 4A (SC-137Z)	SQ530333P
Remarks	(MCD) FUJI	(MCS) FUJI	(MC3 [TH3]) FUJI	
	13	14	15	16
				
Spare Part	Surge Suppressor	Safety Relay	Safety Relay	
Code	Y0100001	Y4207455	Y4207454	
Type	SQ25050SF	G7SA-3A1B DC24 P7SA-10F-ND DC24	G7SA-2A2B DC24 P7SA-10F-ND DC24	
Remarks		(K10 K11) OMRON	(K13 K14) OMRON	

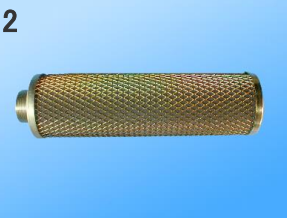
Rear Body 1 (Left Side)



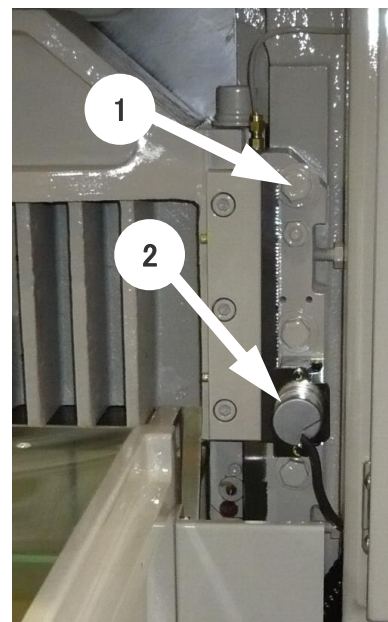
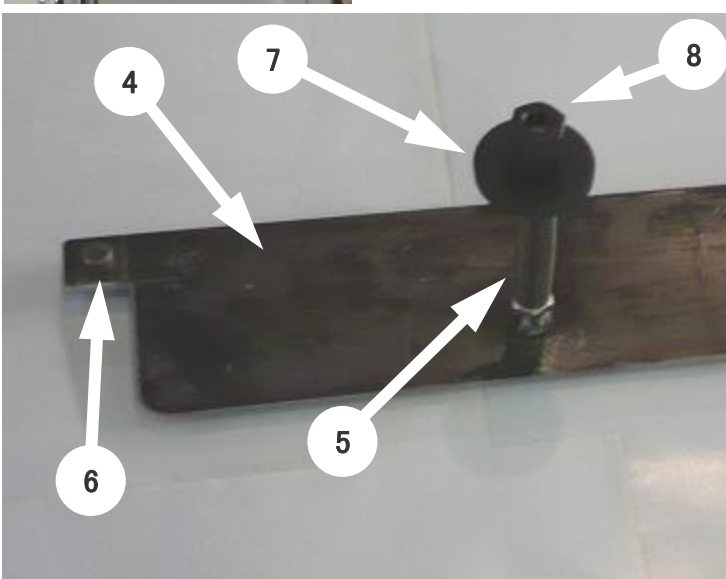
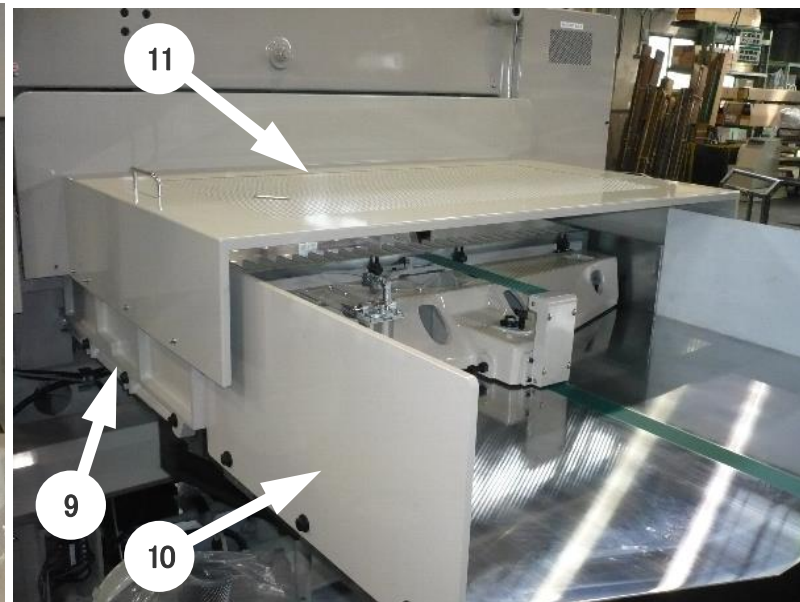
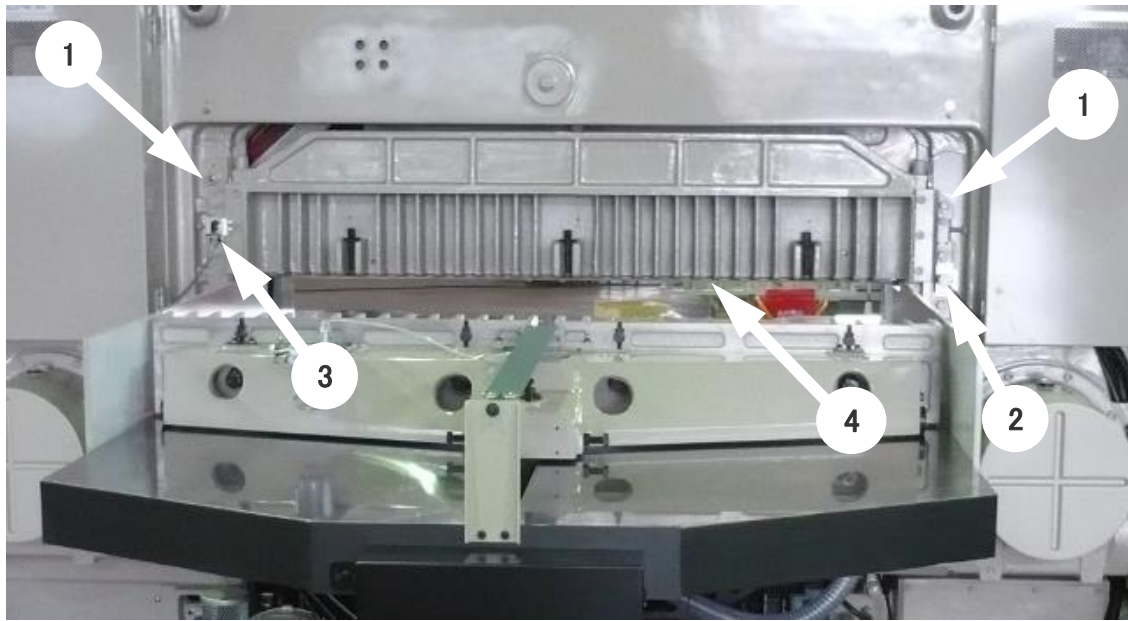
	Rear Body 1 (Left Side)			
	1 	2 	3 	4 
Spare Part	Magnetic Clutch/Brake Assy	Clutch Lining	Brake Lining	Amature
Code	G2119 (SC-100~137Z)	MD2101	MD2102	MD2103
Type	KFLM20/10 005C (SC-100~137Z)			
Remarks		with inner ring		
	5 	6 	7 	8 
Spare Part	Lining Stopper	Housing with Bearing	V-Belt	Oil Gauge
Code	MD2104	PA3277	PE1173 (SC-100~137Z)	PC4152
Type		UCFL207	B-73 (SC-100~137Z)	KCM-30 for Gear Box
Remarks		for support of Flywheel		
	9 	10 	11 	12 
Spare Part	Cam 1 (LS3)	Cam 2 (LS2)	Cam 3 (LS1)	Limit Switch
Code	DD2311	DD2312	DD2313	
Type	WLCA2-N			
Remarks				
	13	14	15	16
Spare Part				
Code				
Type				
Remarks				

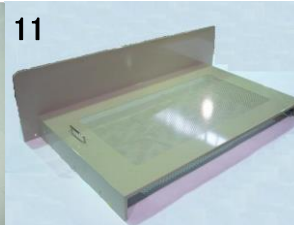
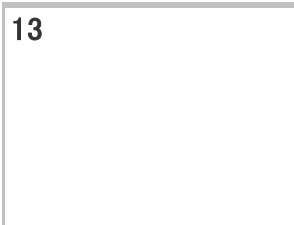
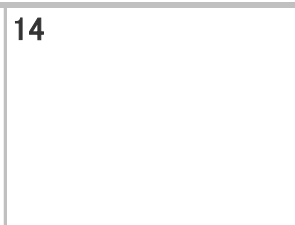
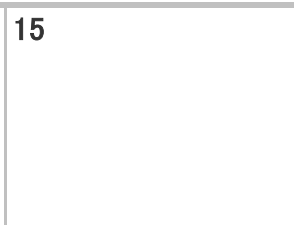
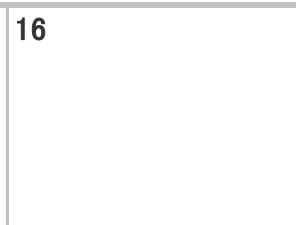
Rear Body 2 (Right Side)



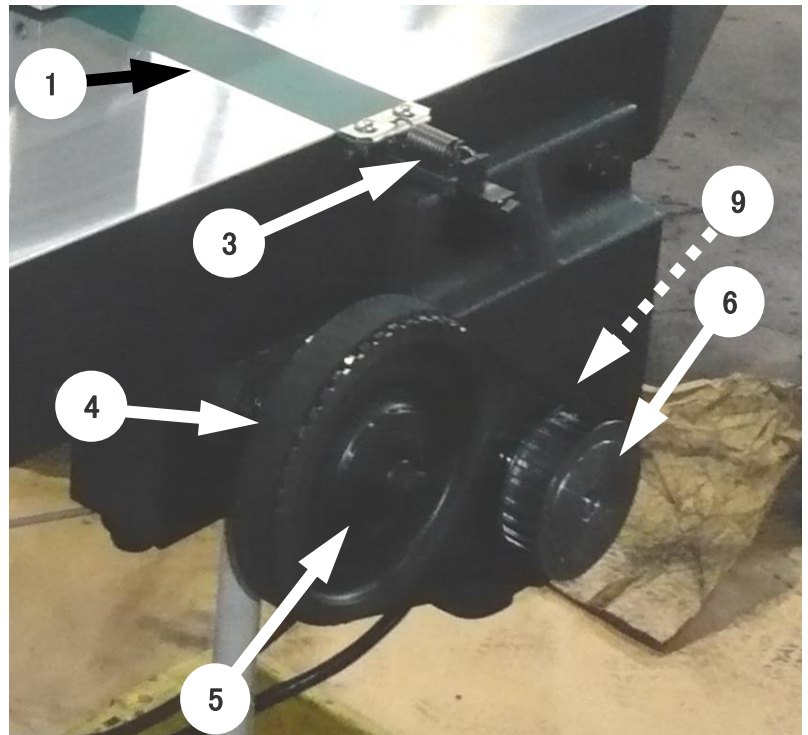
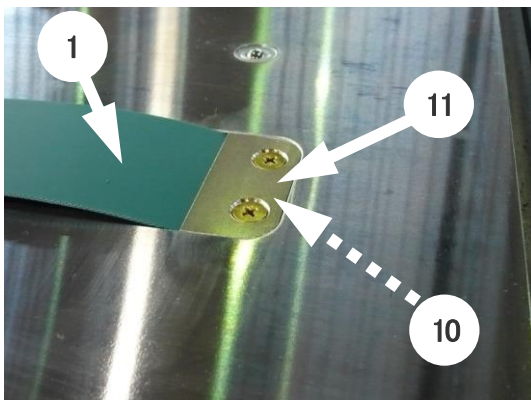
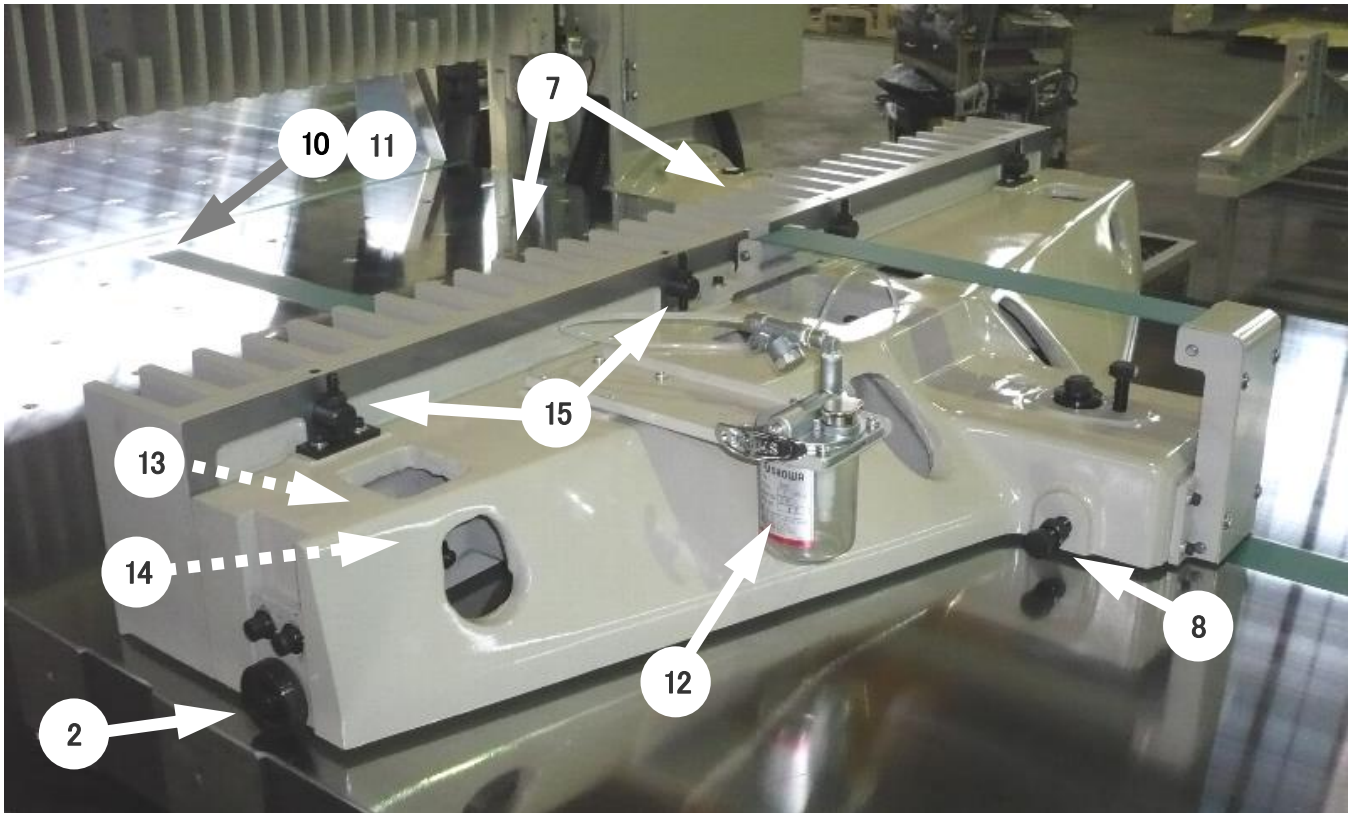
Rear Body 2 (Right Side)				
	1	2	3	4
				
Spare Part Code	Blower Motor PF2251(SC-100DX,115Z) PF2351(SC-137Z)	Air Filter D4516	Sensor Y3303003	Solenoid BD2616AA
Type	RB-30-520 (SC-100Z,115Z) RB-40-420 (SC-137Z)			
Remarks			for detection of knife stopping position	(Option) for Knife Carrier stopper
	5	6	7	8
				
品名 部品コード	Stopper Pin BD2604AD	Sensor Y3200008	Floating Joint PB4516	
型番 備考	E2E-X2D1-N			
	(Option) for Knife Carrier stopper	(Option) for Knife Carrier stopper	(Option) for Knife Carrier stopper	
	9	10	11	12
Spare Part Code				
Type Remarks				
	13	14	15	16
Spare Part Code				
Type Remarks				

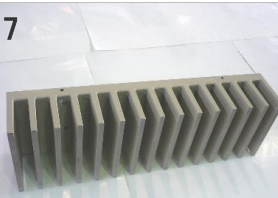
Rear Body 3 (Table, Clamp)



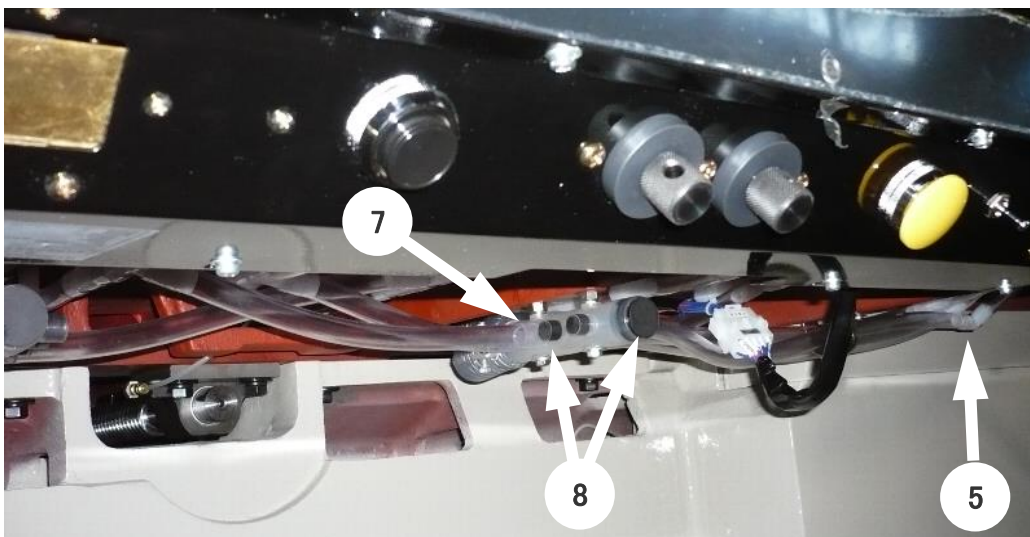
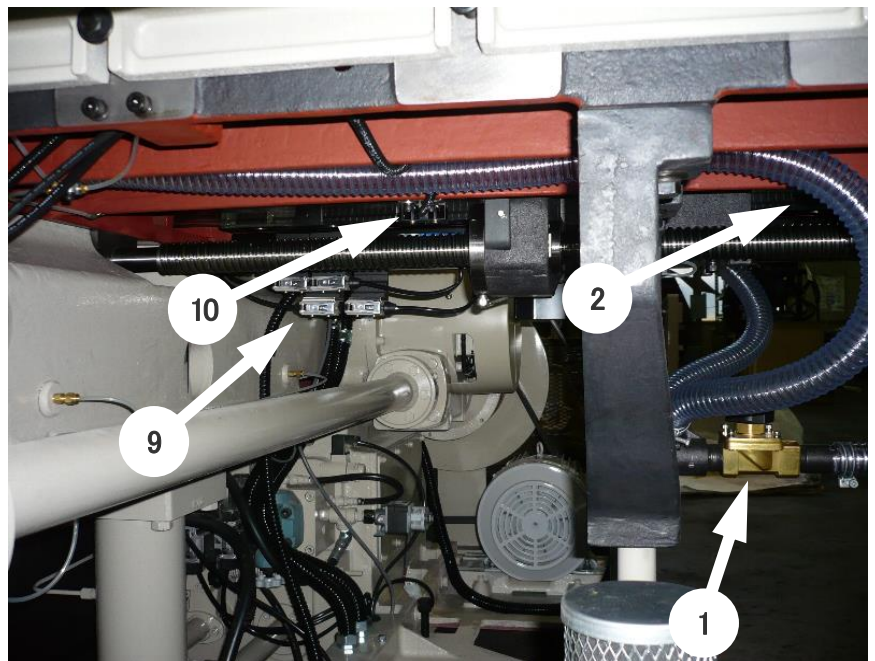
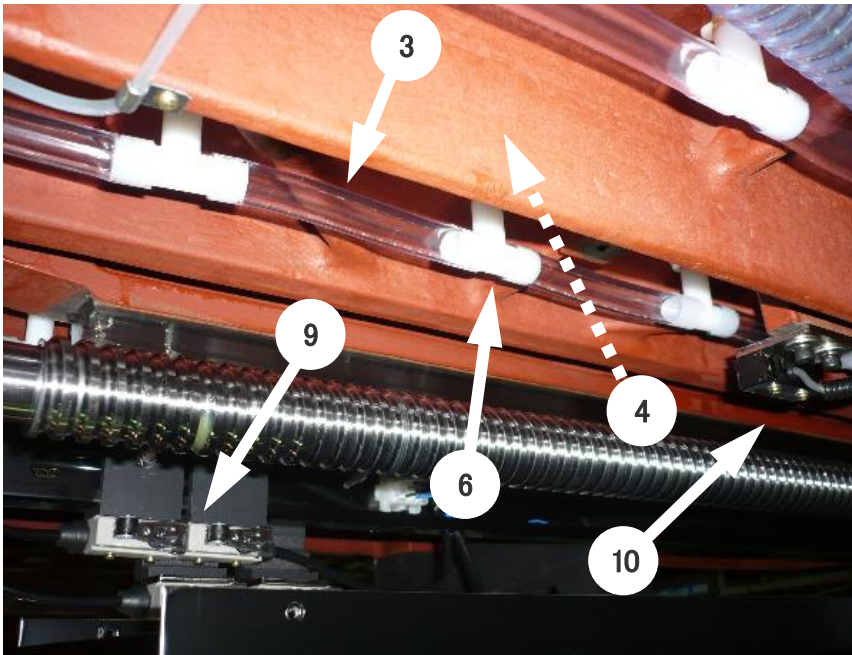
Rear Body 3 (Table, Clamp)				
				
Spare Part	Clamp Guide	Rotary Encoder	Limit Switch	False Clamp
Code	BD3113AC (SC-100~137Z)	Y3400000	Y3102002	BC3201(SC-100Z) D3201A(SC-115Z) O3201(SC-137Z)
Type		E6B2-CWZ6C	D2RV-L22	
Remarks		OMRON	for Clamp top point	
				
Spare Part	Spring	Knock Pin	Washer	Nut
Code	D3204A	D3203	D3202	PD5155B
Type				M10 × 17 × 20
Remarks		for False Clamp		
				
Spare Part	Side Guide	Auxiliary Side Guide	Rear Table Cover	
Code	BD4109AE(Right) BD4111AE(Left)			
Type				
Remarks			Option	
				
Spare Part				
Code				
Type				
Remarks				

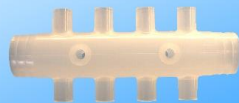
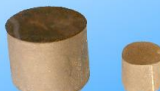
Rear Body 4 (Backgauge)



Rear Body 4 (Backgauge)				
	1 	2 	3 	4 
Spare Part	Slot Closing Tape	Guid Roller	Tension Spring	Timing Belt
Code	BD4401	D4326A(Pin) PA5501(Roller)	D4411	PE1319
Type	GU-12ANF			270L075
Remarks				
	5 	6 	7 	8 
Spare Part	Pully (Backgauge Screw)	Pully (Motor)	Back Comb	Backgauge Fixing bolt
Code	ED4807	BD4803AC (SC-100~137Z用)	R / L BC4302AA/BC4303AA (SC-100Z) D4302C/D4303C(SC-115Z) O4302A/O4303A(SC-137Z)	D4322
Type				
Remarks			Please change right & left simultaneously	for Backgauge right/left adjusting
	9 	10 	11 	12 
Spare Part	AC Servo Motor	Tape Guide	Tape Pressing Piece	Lubrication Pump
Code		D4402	BD4403	PG4212
Type	SGMJV-08ADA61 (SC-100~137Z)			EA3
Remarks				
	13 	14 	15 	16
Spare Part	Back Comb Fixing Bolt	Spring Assy	Back Comb Hight Adjusting Pin	
Code	D4304	D4305A (spring) D4306 (collar small) D4306B(collar large)	D4307A	
Type				
Remarks				

Under Table



Under Table				
	1	2	3	4
				
Spare Part	Air Solenoid Valve	Hose (thlok)	Hose (thin)	Air nozzle
Code	PF5311AA	PJ4111	PJ4121	BD4600
Type	VXZ2360-10-1CR1			
Remarks				
	5	6	7	8
				
Spare Part	L-Type Air Tube	T-Type Air Tube	Air Manifold	Rubber Plug
Code	D4604	D4603	D4602	PJ4141(large) PJ4142(small)
Type				
Remarks				
	9	10	11	12
				
Spare Part	Limit Switch	Proximity Sensor		
Code	Y3010003	Y3200031		
Type	AZ7141	E2S-W23 3M		
Remarks	for Backgauge speed reduce and stop	for detection of Backgauge home position		
	13	14	15	16
Spare Part				
Code				
Type				
Remarks				

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