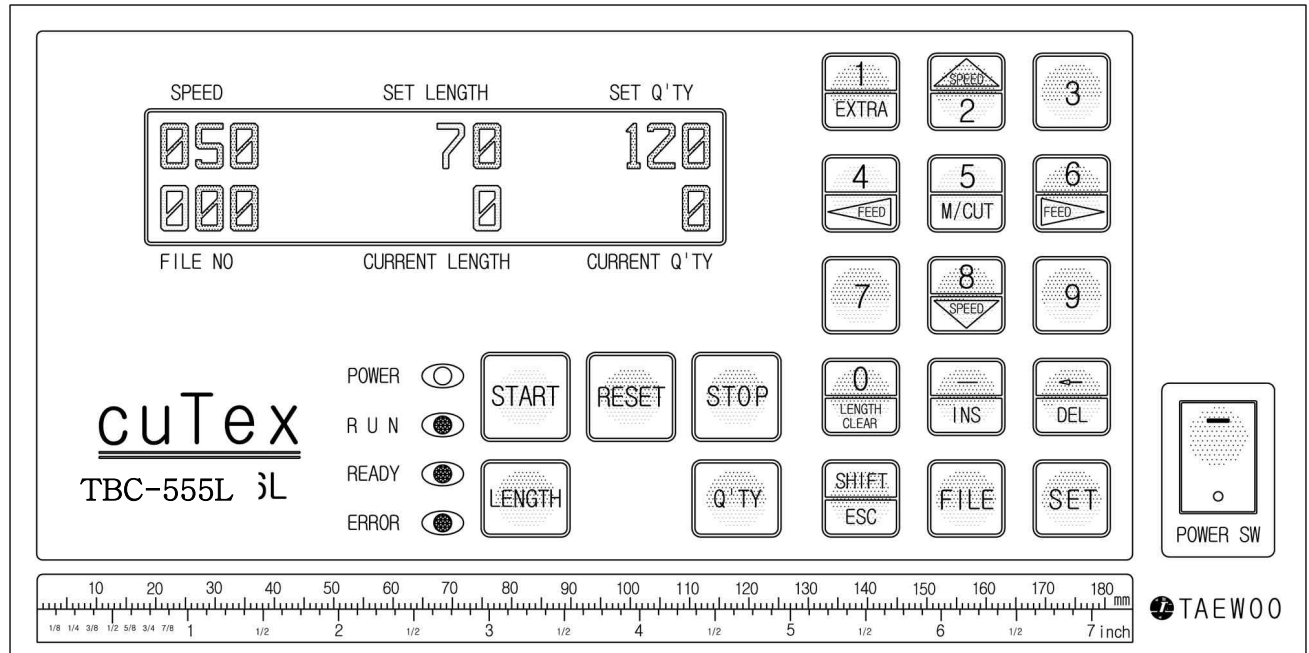


AUTOMATIC EXTRA LARGE CUTTER

TBC-555L

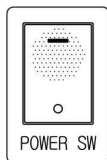


How to operate TBC-555L

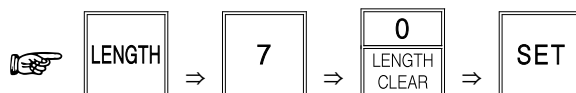


1. An example (Cutting length : 70mm, Cutting quantity : 120 pcs)

▷ Turn on the POWER SW.



▷ Set cutting length. (Press the following buttons in order.)



▷ Set cutting quantity.



▷ Press START button.



2. Key functions



: Current length on display will be back to "0" at a stop.



: All of current length and current q'ty on display will be back to "0".



: Moving knife only.

- ① to cut the material for test.
- ② to take out the material jammed between knife blades.
- ③ for balancing of knife blades in exchange.



: Cutting additional one.



: Restoring to normal condition in ERROR(red LED) and inputting parameter or program.



: to move the roller manually for mounting the material on the machine or for feeding it forwards or backwards.



– Speed up (The current speed appears on the left-upside of LCD display with "%". Normal speed : 50%, Maximum speed : 100%)



– Speed up (The current speed appears on the left-upside of LCD display with "%". Normal speed : 50%, Maximum speed : 0%)

*** Speed up & down is possible in any time(operation or stop) and set-speed will not be changed even though you press RESET button or power off & on.**



: to correct wrong data.



: Function for label cutting (applicable models : TBC-50S, TBC-50SH)

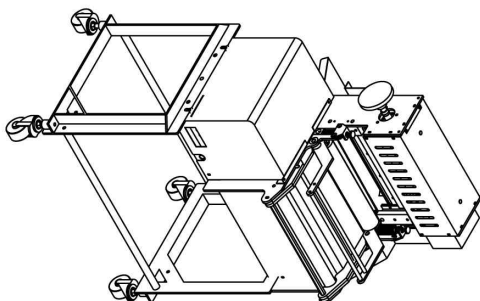
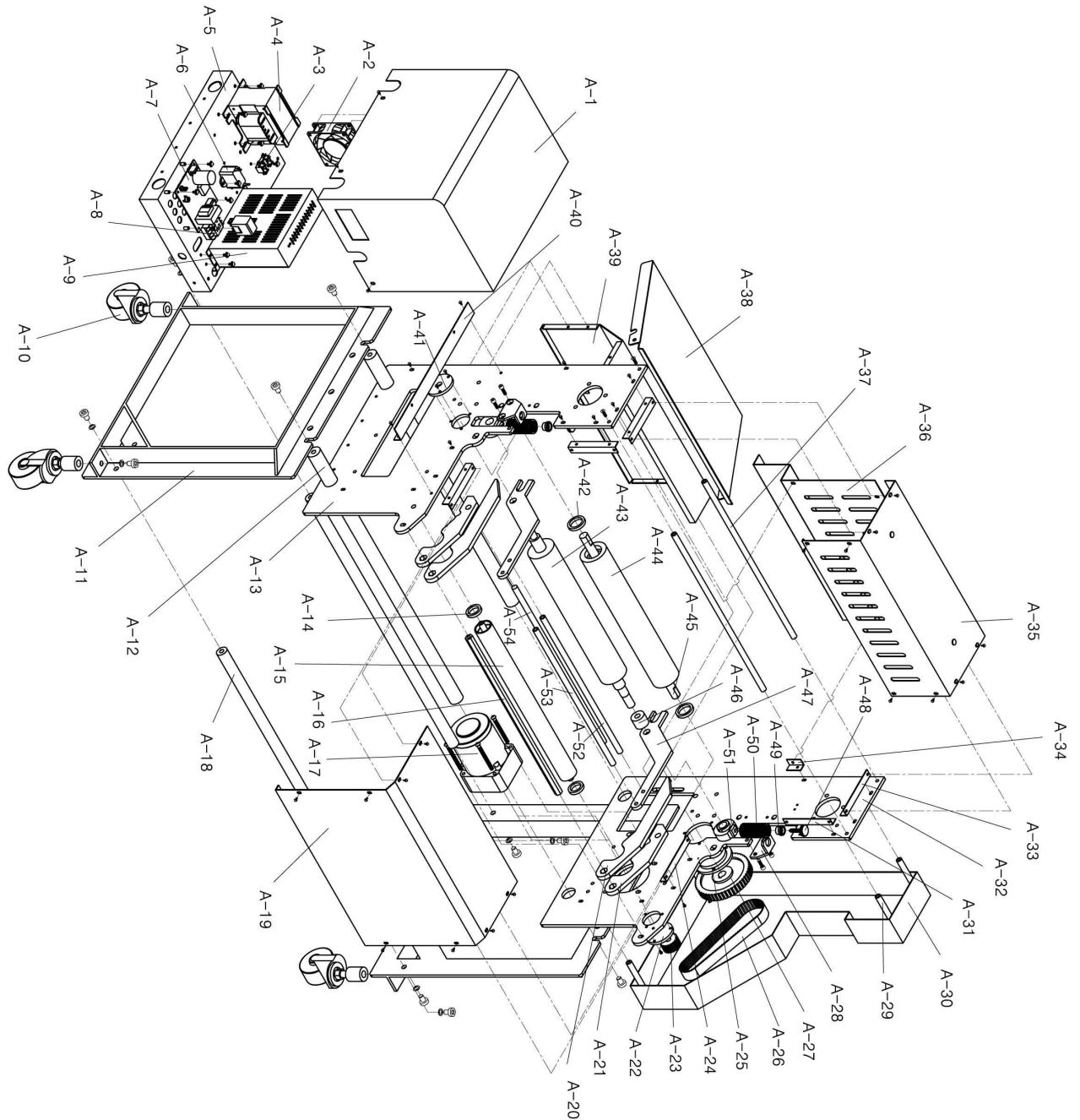
3. Specification

Model	TBC-555L
A MACHINE SIZE (ON TOP)	1150 mm * 770 mm * 1320 mm
A MACHINE SIZE (UNDER)	1150 mm * 770 mm * 735 mm
NET. WEIGHT	147 kg
BOXED SIZE	WOODEN BOX
	1100 mm * 820 mm * 825 mm
BOXED WEIGHT	WOODEN BOX
	170 kg
MAX. CUTTING WIDTH	510 mm
CUT LENGTH	1 mm- 300 M
MAX. HEIGHT BETWEEN LOWER AND UPPER KNIVES	18 mm
PRODUCTIVITY	17 M~28 M / Min
ACCURACY	± 1 mm
MAX. OUTSIDE DIA. OF ROLL	Less than 20 kg and 450 mm Dia.

4. Caution for use

- Before use, please confirm the voltage and make the ground(earth) connection.
- In case of cutting double or triple rolls at the same time, make materials fed oppositely(↶ & ↷), to prevent slipping by roll tension.
- Do not access hands or any object close to the working knife. (for safety)
- When the knife blade becomes dull, please use it after grinding with the grinding machine. (Please do not let the unskilled person grind manually or install the knife blade.)

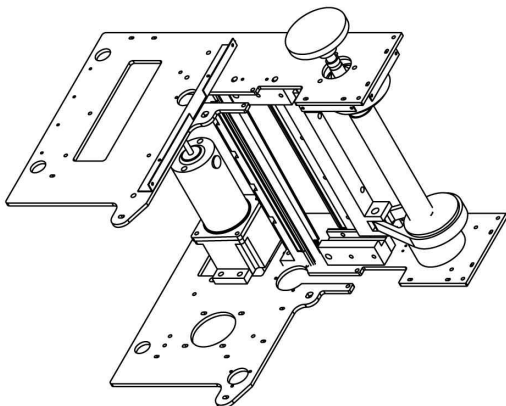
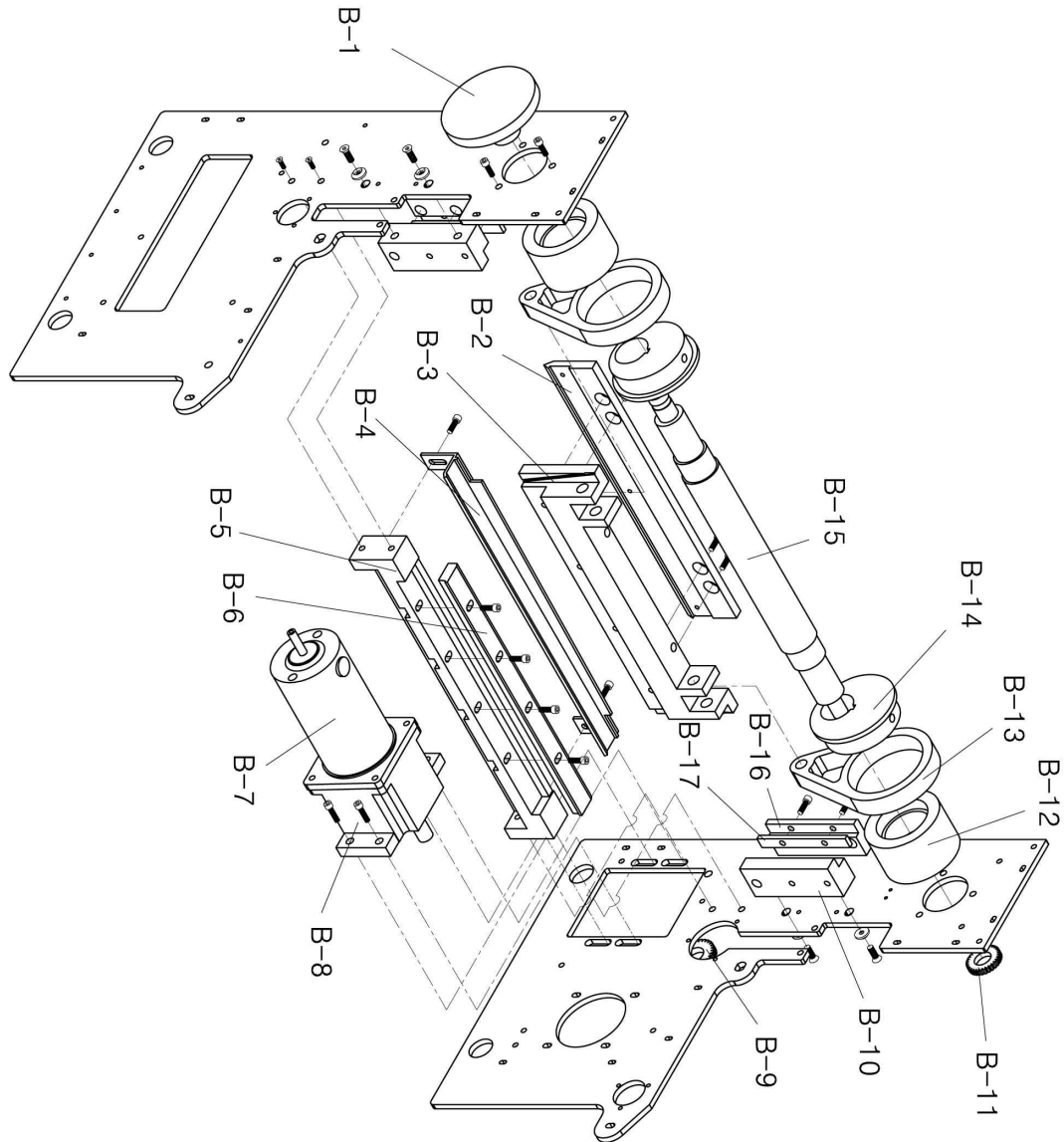
TBC-555L Part Drawing A (Cutting Part)



TBC-555L Part List A (Cutting Part)

Part No.	Description	Part No.	Description
A-1	CONTROL CASE	A-28	ROLLER TENSION BRACKET
A-2	FAN	A-29	SAFETY COVER SUPPORT
A-3	TERMINAL	A-30	SAFETY COVER
A-4	TRANSFORMER	A-31	ANGLE NUT
A-5	CONTROL BASE	A-32	LEFT FRAME
A-6	CONDENSER	A-33	ANGLE NUT
A-7	DR BOARD	A-34	ANGLE NUT
A-8	RELAY	A-35	UPSIDE COVER
A-9	DRIVER BOARD	A-36	FRONT COVER
A-10	CASTER	A-37	SUPPORT
A-11	ANGLE FRAME	A-38	MATERIAL GUIDE
A-12	ANGLE SHAFT	A-39	REAR COVER
A-13	RIGHT FRAME	A-40	ANGLE NUT FOR FIXING CONTROL COVER
A-14	BEARING	A-41	ROLLER BEARING HOUSING (RIGHT)
A-15	GUIDE ROLLER	A-42	BEARING
A-16	REAR GUIDE SEXANGLE SHAFT	A-43	LOWER ROLLER
A-17	MOTOR	A-44	UPPER ROLLER
A-18	ANGLE SHAFT	A-45	UPPER ROLLER SHAFT
A-19	FRONT COVER	A-46	FIXING RING
A-20	REAR GUIDE	A-47	LEVER

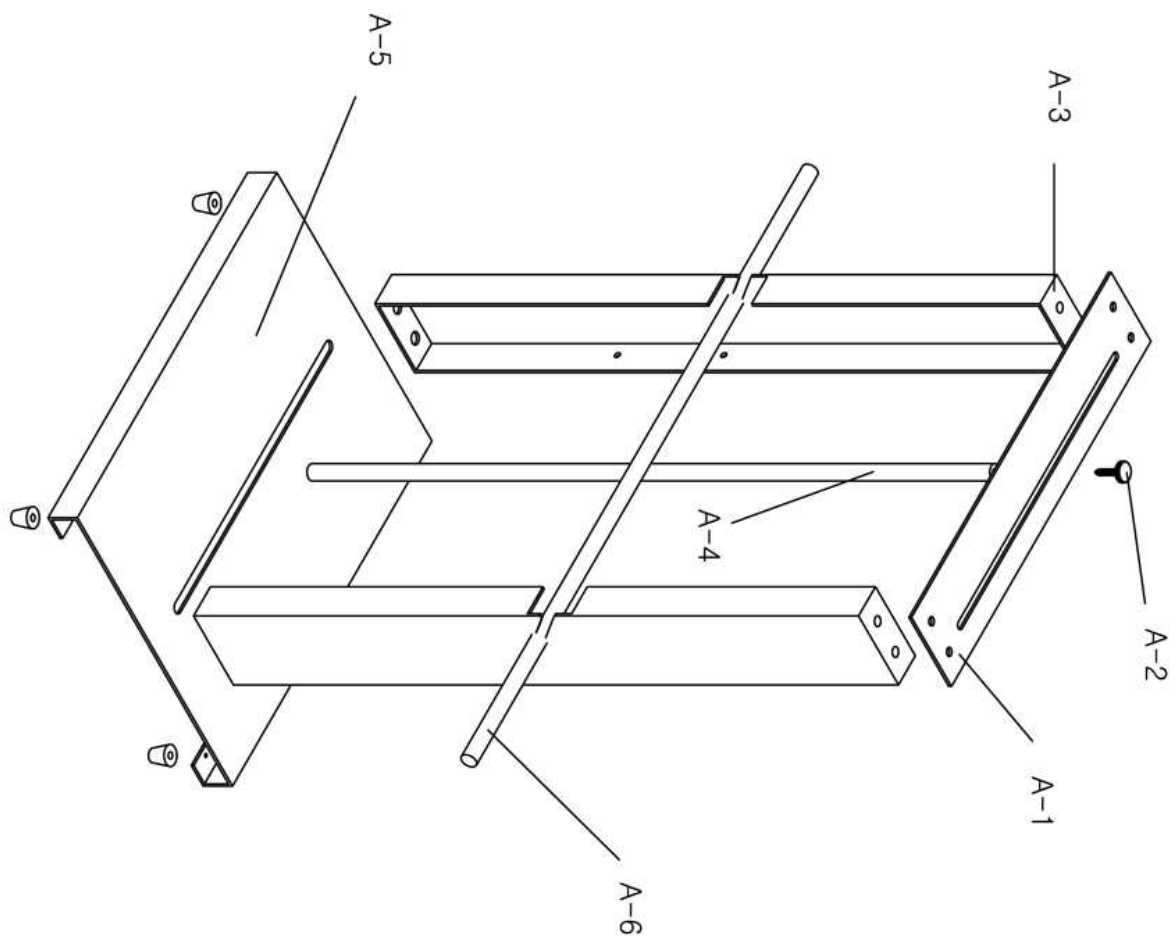
TBC-555L Part Drawing B (Feeding Part)



TBC-555L Part List B (Feeding Part)

Part No.	Description	Part No.	Description
B-1	SHAFT KNOB HANDLE		
B-2	UPPER KNIFE		
B-3	UPPER KNIFE FRAME		
B-4	STOPPER		
B-5	LOWER KNIFE BRACKET		
B-6	LOWER KNIFE		
B-7	MOTOR		
B-8	REDUCTION GEAR		
B-9	GEAR		
B-10	PRESSURE PLATE (PAD)		
B-11	GEAR		
B-12	CRANK BEARING HOUSING		
B-13	LINK		
B-14	CRANK		
B-15	CRANK SHAFT		
B-16	PRESSURE PLATE		
B-17	PRESSURE PLATE (PAD)		

TBC-555L Part Drawing C (Feeding Part)



[illegible]

Trouble-shooting of TBC-50 series

No	Troubles		Applicable model	Causes & Measures
1	No power supply		All models	<ul style="list-style-type: none"> - Check if electric cord is connected well. - Check if the fuse blows out or not.
2	Power is on, but no work	Feeding roller doesn't work.	All models	<ul style="list-style-type: none"> - Check if there is inserted any alien substance in roller. - If current length on display is changed, exchange drive board. - If current length on display is not changed, exchange Control board(MB).
		Knife doesn't work.	All models	<ul style="list-style-type: none"> - Check if pressure plates of upper knife are too much fastened or not.
		LCD display doesn't work.	All models	<ul style="list-style-type: none"> - After opening the cover, check the connetion. (especially between Operation & MB board)
		All functions don't work	All models	<ul style="list-style-type: none"> - Check if auto-stop device lies down. If any, raise it up.
3	Material is not cut.		Hot cutter (H, LH, SH, HX)	<ul style="list-style-type: none"> - Check if temperature goes up to set-degree. - Check if knife blades are even(parallel).
4	Material is cut onesidedly.		All models	<ul style="list-style-type: none"> - Check if blades are damaged or weared. - After making both knives close each other by M/CUT button and check if they are even or not. (If they are not even, adjust them by bolts)
5	Cut-length is different from set-length.		All models	<ul style="list-style-type: none"> - Test cutting after loosening material from the reel by hand or attaching feeding device.
6	It cuts before the cutting line of labels.		Label cutter (S, SH)	<ul style="list-style-type: none"> - Move the sensor towards knife side as long as the difference by pushing.
7	It cuts after the cutting line of labels.		Label cutter (S, SH)	<ul style="list-style-type: none"> - Move the sensor towards counter-knife side as long as the difference by pushing.
8	ERROR on LCD & LED	ERROR CODE [064] >Sensor check Er	Label cutter (S, SH)	<ul style="list-style-type: none"> - Trouble in Mark sensor → · Check if the sensor is connected well or not. · Check if the sensor is adjusted well or not. (FILE NO 001) · Check if it is label problem or not.
		ERROR CODE [065] >CUT I/O Error!	All models	<ul style="list-style-type: none"> - Trouble in cutting motor or cutting sensor → · Upper knife moves 1~3 sec. and ERROR on display. Check the connection of cutting sensor. If not, exchange the cutting sensor. · Upper knife doesn't move and ERROR on display. Exchange the cutting motor or drive board.
		STOP INPUT !! CHECK STOP INP!	All models	<ul style="list-style-type: none"> - Auto stop device is pressed down or shortage. → raise up the device and check shortage.
		(C)ACORD CTRL-OP AMC-T3KA VER1.7D	All models	<ul style="list-style-type: none"> - Bad connected ROM → Press ROM by hand or connect it again. (If not, change MB board)
		ERROR CODE[065] >CHECK CODE[003]	All models	<ul style="list-style-type: none"> - Change of FILE 003 in program by noise or mis-operation → Initialize the controller. ※ How to Initialize(programs to be initial) : press SET+SHIFT/ESC buttons and RESET button at the same time. (Press RESET later than other two keys.)
9	Operator feels electric current in touch of machine.		All models	<ul style="list-style-type: none"> - Connect the earth cord(green) to any bolt of backside of machine.
10	After exchange ROM, you should do initialize the controller, due to error message, if you cannot do initialization, please press "SHIFT/ESC" button to escape error message screen and then initialize the controller.			

Please contact following address for further information.



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