

Technical Newsletter

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Change of the Amplifiers for the Blade Breakage Detector and Non-contact Setup Sensor of a Dicing Saw

Notice

The sensitivity adjustment amplifiers for the blade breakage detectors and non-contact setup sensors of our dicing saws have gone out of production (with some exceptions). We have started to ship the machines equipped with new-type amplifiers.

There are differences in the procedure for adjusting the sensitivity between with the amplifiers before the change and with those after the change.

Request

If the appearance of the amplifier installed in your machine is different from the one described in the Maintenance Manual included with the machine, replace the procedure for adjusting the sensitivity as follows:



The adjustment procedure is described in the following section:

Section 1 of Chapter E in Maintenance Manual:

"Adjusting the Non-Contact Setup Amplifier", and

"Adjusting the Amplifier of Blade Breakage Detector"

Adjustment procedure:

Before change	After change
 <p data-bbox="564 1283 608 1308">Dial</p> <p data-bbox="236 1330 735 1391">Turn the dial using the amplifier adjustment driver to make an adjustment.</p>	 <p data-bbox="1107 1283 1305 1308"><+>, <-> buttons</p> <p data-bbox="815 1330 1310 1391">Press the <+> and <-> buttons to make an adjustment.</p>

- For any of the machines, there is no change in the amplifier installation position.

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Applicable models

Amplifier	Series	Applicable models				
Amplifier of blade breakage detector	300/3000 series	DAD322	DAD323	DAD3220	DAD3221	DAD3230
		DAD3231	DAD3350	DAD3360	DAD3430	
	6000 series	DFD6240	DFD6360A	DFD6750	DFD6340 (Including half-cut specification and EAD specification)	
		DFD6361 (Including half-cut specification and EAD specification)				
		DFD6450 (Including DAD specification)				
Amplifier of non-contact setup sensor	300/3000 series	DAD322	DAD323	DAD3220	DAD3221	DAD3230
		DAD3231	DAD3240	DAD3350	DAD3360	DAD3430
		DAD3650	DAD3660			
	6000 series	DFD6040	DFD6060	DFD6240	DFD6341	DFD6360A
		DFD6362	DFD6560	DFD6750	DFD6755	DFD6760
		DFD6860				
		DFD6340 (Including half-cut specification and EAD specification)				
		DFD6361 (Including half-cut specification and EAD specification)				
		DFD6450 (Including DAD specification)				

Part No. before and after the change

Amplifier	Model	Before change	After change
Amplifier of blade breakage detector	Other than DFD6750	EJTM-927001-0	EKFM-010078-0
	DFD6750	ENKM-010012-0	ELPM-010004-0
Amplifier of non-contact setup sensor	All models	EJKM-910005-0 EJWM-010002-2	ESYM-010005-0

Inquiries

Please contact your local DISCO sales representative or customer engineer if you have any questions regarding this matter.