

Change to DFL7300 Series Standard Alignment Camera

Notification

Due to discontinuation of a part, the standard alignment camera for the DFL7300 series will be changed.

Change details

The alignment camera will change as shown below.

Both the micro camera and macro camera will be changed to cameras with the same part number.

	Part number of previous part	Part number of new part
Macro camera	DBAUI324001-1	DBAUI316002-0
Micro camera	DBAUI316001-0	DBAUI316002-0

[Applicable model and serial number with which change will start (change implemented gradually starting with machines shipped in February 2023)]

Applicable model	Serial number with which change will start
DFL7341	PP2062
DFL7360FH	KP3040
DFL7361	RG1153
DFL7362FH	KP6009

Points to note when changing camera

Since the macro camera's shooting range will change, it may not be possible to use the teaching data before the change. If an error occurs during automatic alignment, create new data using the teach operation.

For the micro camera, it will be possible to use the teaching data before the change, but if an error occurs during automatic alignment, create new data using the teach operation.

[Camera shooting range]

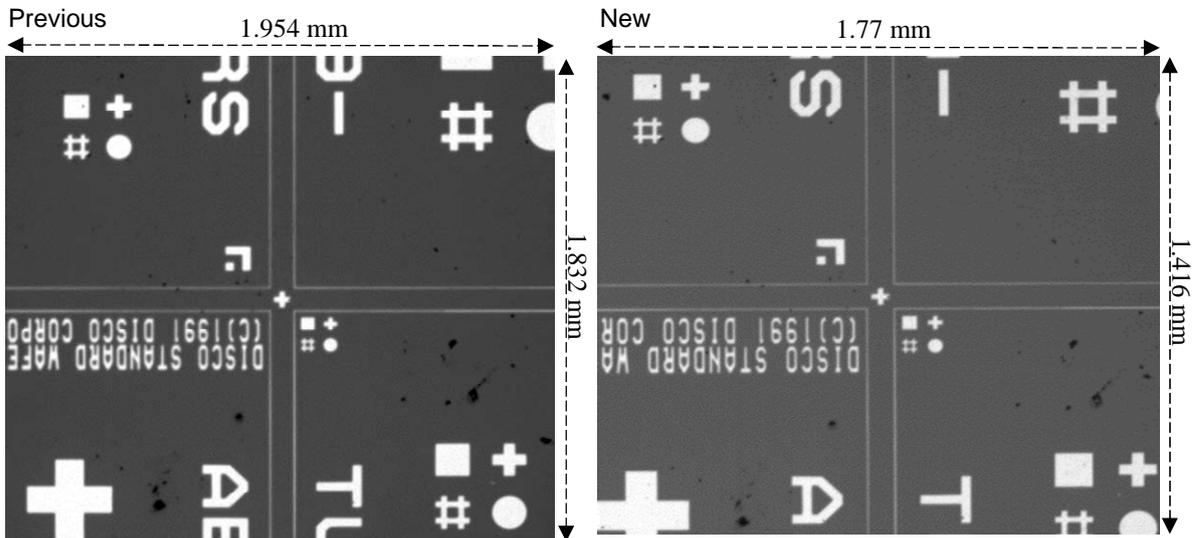
Camera	Previous shooting range (mm)	New shooting range (mm)
Macro camera	1.954 × 1.832	1.77 × 1.416
Micro camera	No change	No change

The camera shooting range for the previous and new parts is indicated on the next page.

Macro camera comparison

The camera shooting range on the machine screen differs for the previous and new cameras.

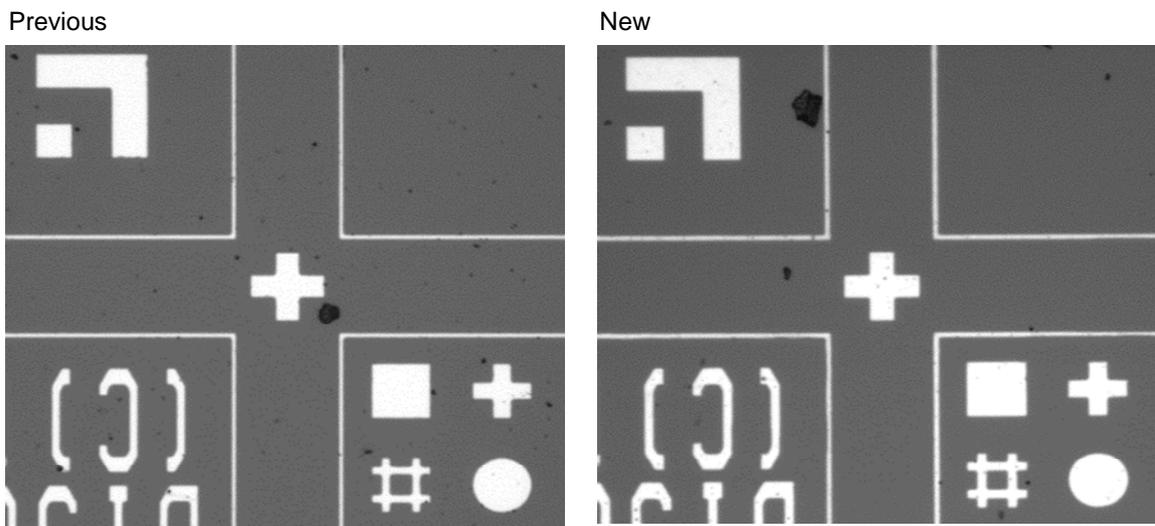
Notes: The black dots in the images are workpiece contamination.



Micro camera comparison

The camera shooting range on the machine screen does not differ for the previous and new cameras.

Notes: The black dots in the images are workpiece contamination.



Regarding cases of replacing camera being used with new part

If you wish to replace a previous part with a new part, a fee will be charged.

In addition, a fee will also be charged for parts that need to be replaced due to a camera change and the part replacement operation. For details, please ask a DISCO sales representative.

When handling failures of machines that have already been shipped, the part will be changed to the new one as well.

Inquiries

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