

Procedure for Replacing the Spinner Table (300 mm)

Introduction

Occasionally, the spinner seal unit at the spinner section in a dicing saw for 300 mm wafers was damaged at an early stage of use due to vacuum error.


Our investigation has revealed that eccentricity at the time of spinner rotation accelerates wear of the oil seal in the seal unit.

This document is an announcement to clarify the procedure for installing the spinner table and improving the accuracy when our customers install the spinner table so as to prevent the eccentricity during spinner rotation.

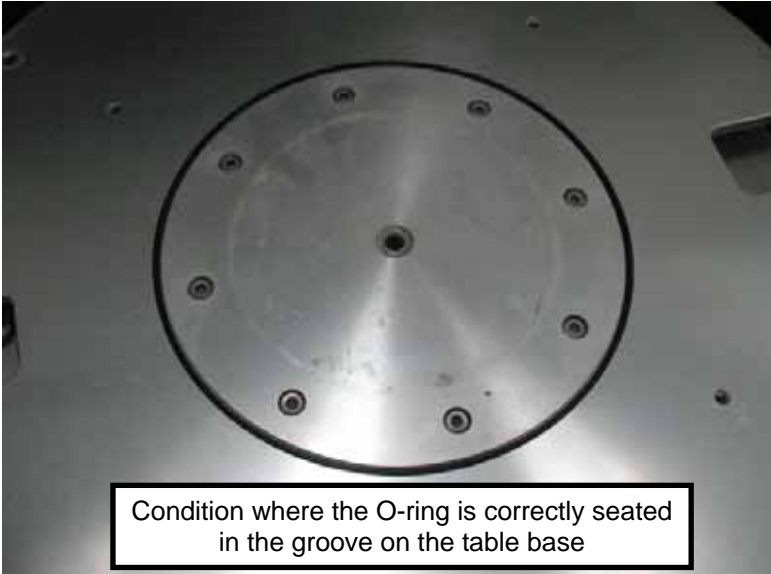
Applicable Models

DFD6361 / DFD6362 / DFD6360A / DFL7160 / DFL7260 / DCS1460 / DDS2300



Preparation

Step	Procedure
1	Conduct the system initialization.
2	Open the Change Frame Size (6.1) screen and move the upper arm and lower arm toward the front. 
3	Open the maintenance cover at the spinner side.
4	Confirm that the O-ring on the table base has not come out from the groove.


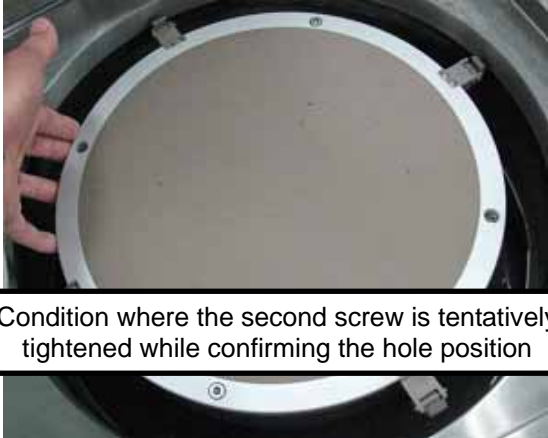
Preparation (continued)

Step	Procedure
5	<p>Clean the table base and spinner table attachment surface.</p> 



Work Procedure

Step	Procedure
1	<p>Tentatively place the spinner table so that each screw hole to secure the spinner table aligns with the screw hole center of the table base.</p> 
2	<p>Tentatively secure one retaining screw. Do not use a tool and tighten loosely so as to make fine adjustment of the spinner table.</p>  <ul style="list-style-type: none">• At this stage, the screw head protrudes from the spinner table.

Work Procedure (continued)

Step	Procedure
3	<p data-bbox="264 398 1414 461">Using the retaining screw, which is loosely tightened, as a fulcrum, align the positions of the rest of the three holes.</p> <div data-bbox="572 573 1123 983"><p data-bbox="628 730 1064 813">Condition where all the screw holes are aligned</p></div> <ul data-bbox="264 1104 1430 1207" style="list-style-type: none">• When aligning, look into the retaining holes from directly above.• Check the positional relationship between the spinner table and table base. Then you can easily align the holes.
4	<p data-bbox="264 1223 1430 1317">After confirming the hole positions of all the retaining screws, tentatively secure them. Then, unscrew the retaining screw that was tightened first and confirm again that the hole aligns with the screw hole center.</p> <div data-bbox="572 1335 1123 1771"><p data-bbox="536 1626 1161 1709">Condition where the second screw is tentatively tightened while confirming the hole position</p></div>

Work Procedure (continued)

Step	Procedure
5	<p data-bbox="264 398 879 430">Tighten the retaining screws using an Allen wrench.</p>  <ul style="list-style-type: none"><li data-bbox="264 981 1350 1012">• Tighten the screws while holding the spinner table with one hand so as not to displace it.
6	<p data-bbox="264 1021 1394 1084">Increase the lever ratio of the Allen wrench and firmly tighten the screws. This is the end of the procedure.</p> 

For Inquires

If you have any questions or comments on this matter, please contact your DISCO sales representative or service staff.

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