

Technical Newsletter

#tnl2020-0002e

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Request to Switch to New Laser Oscillator Part Numbers Due to Supply of Refurbished Parts for Old Laser Oscillator Part Numbers Being Discontinued

Applicable models

DFL7160 and DFL7161 with type D/F/G laser oscillator installed

Details

Due to production of components being discontinued, we are stopping the refurbishment service for type D/F/G laser oscillators with old part numbers.

- Final date for receiving refurbishment orders for old part numbers: December 22, 2022
- We will continue the refurbishment service for new part numbers.
- For customers using machines installed with old part numbers, we will provide an upgrade to refurbished parts with new part numbers.

Laser Oscillator	Parts	Old Parts No.	New Parts No.
Type-D	LASER HEAD	DGLAVEQ3H01-0	DGMAVEQ3H12-0
	POWER SUPPLY	DGMAVEQXP01-0	DGMAVEQXP04-0
	UMBILICAL CABLE	DGLAVEQXZ01-0	DWSQPSA3001-0
Type-F	LASER HEAD	DGMAVEQ3H02-0	DGMAVEQ3H06-0
	POWER SUPPLY	DGMAVEQXP01-0	DGMAVEQXP04-0
	UMBILICAL CABLE	DGLAVEQXZ01-0	DWSQPSA3001-0
Type-G	LASER HEAD	DGLAVEQ2H01-0	DGMAVEQ2H01-0
	POWER SUPPLY	DGMAVEQXP01-0	DGMAVEQXP04-0
	UMBILICAL CABLE	DGLAVEQXZ01-0	DWSQPSA3001-0

Regarding upgrade to refurbished components with new part numbers

New part numbers will be provided for the laser head (refurbished part), power supply (new part), and umbilical cable (new part).

- Used laser heads, power supplies, and umbilical cables will be collected by DISCO.
- We will start accepting orders for upgrades to refurbished parts with new part numbers from the date that this notice was issued.

Regarding differences between new and old laser oscillators

- There are no changes in the optical specifications, external dimensions, and the electrical connections with the machine control section.
 - There are no changes in the incoming inspection at DISCO, shipping inspection, start-up inspection, and specifications for criteria cut, etc.
 - Since changes have been made to some functions and the connection between the laser head and power supply, connections between old and new part numbers will not be interchangeable. As a result, it will not be possible to use a power supply and umbilical cable with old part numbers by connecting them to a laser head with a new part number.
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Related technical newsletter

#tnl2016-0001j "Change of the Laser Oscillators" Note: Issued on March 1, 2016
<https://www.disco.co.jp/eg/support/condition/pdf/TNL2016-0001e.pdf>

Inquiries

For inquiries regarding this matter, please contact a DISCO sales representative or customer engineer.
