4.10 UV Lamp Mounting Position Adjustment (02b)

● Tool(s), Jig(s), and Maintenance part(s)

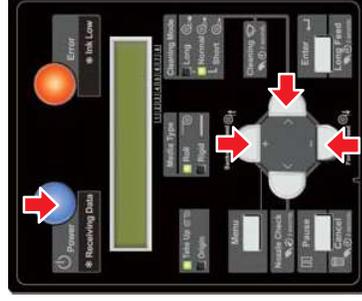| No.	Name	Reference
DG-46924	UV-LED Mounting Height Jig (38UH)	
DG-49073	UV Lamp Slant Adjustment Jig	
DG-49074	UV Lamp Height Adjustment Jig 2	
	Phillips Screwdriver No.2	Generic Product
	Hex Wrench 3mm	Generic Product

⚠ CAUTION

Followings are required to apply this function;

- Firmware: Ver1.09 or later
  If current version is earlier than Ver1.08, perform version up.
- Go to Parameter Setting => Update => 12.UV Lamp => 1. Lamp Type
  Switch UV Lamp Type to [LampB].
- Go to Parameter Setting => Update => 19.SPECTROVUE
  Switch SPECTROVUE setting to [OFF].

1 While holding down the [Setting value -
], [Setting value +], and [>] keys on
Operation panel, press the [Power] key.

The printer will starts in the self-
diagnosis menu display mode.

2 Select "Check 13:Adjustment", then
press [Enter].

`C h e c k 1 3 : A d j u s t m e n t`

3 Select "UV2:Lamp Adjust", then press
[Enter].

`U V 2 : L a m p   A d j u s t`

4 "Wait for a while" is displayed, then
performs the cap-out operation.

`W a i t   f o r   a   w h i l e`

5 Remove carriage cover.

⚠ CAUTION

There is a possibility that the UV light (ultraviolet light) to cure the ink. Please
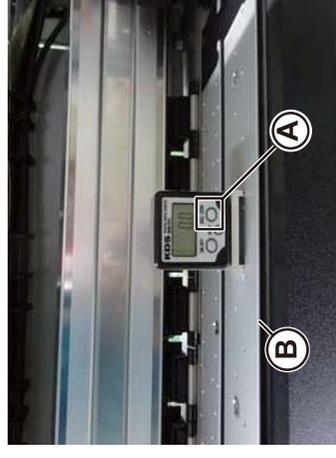working in an environment that UV light does not turn as much as possible.
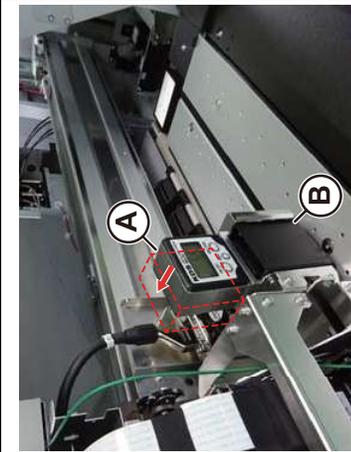
(NOTE)

Adjust slant as per below instruction.
Slant adjustment of LED lamp R and L are symmetrically same. R side hereby is
taken as an example.

6 Place UV Lamp Slant Adjustment Jig
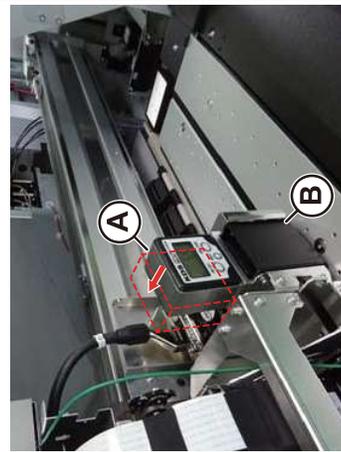(Digital angle sensor) on platen.

7 Press zero button to reset.

A : Zero button
B : Platen

8 Place digital angle sensor on top front of UV lamp R.

9 Read the angle.

A : **Digital Angle Sensor**
B : **UV lamp R**

10 If the angle is not within the range (4.5 ~ 5.0 degree), it needs adjustment.
=> Proceed to step 6.

11 Loosen screw(s).

A : **W SEMS M3x6 (x4)**

12 Tighten screw(s) when lamp angle within the range (4.5 ~ 5.0 degree).

NOTE

Adjust height as per below instruction.
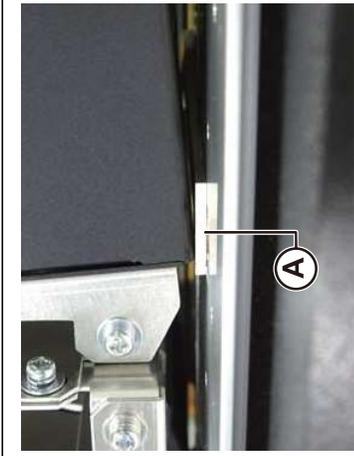Height adjustment of LED lamp R and L are symmetrically same. R side hereby is taken as an example.

NOTE

Height adjustment must done at platen fixing screw,

B : **Platen fixing screw**

13 Place UV Lamp Height Adjustment Jig (Block gauge 1.7mm) on platen.
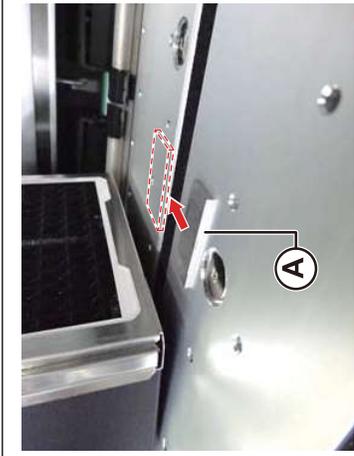
A : **Block gauge (1.7mm)**

14 Move UV lamp R on top of the block gauge

A : **Block Gauge (1.7mm)**

15 Loosen screw(s).

A : **W SEMS M3x6 (x3)**

16 Tighten screws (x3) where UV lamp R contacts the top of block gauge.

17 Remove block gauge (1.7mm).
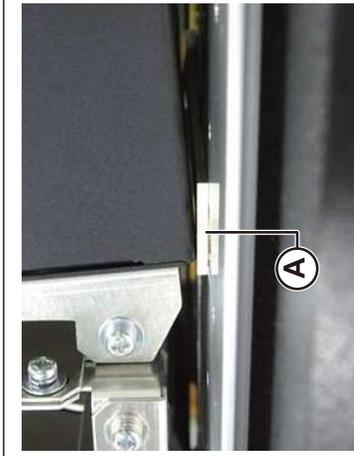
18 Move carriage to the left.

19 Place UV Lamp Height Adjustment Jig (Block gauge: 1.6-1.8mm) in the middle of platen.

A : **Block Gauge (1.6-1.8mm)**

NOTE
1.6mm portion must face the left.

20 Lamp must pass at 1.6mm, and must stop at 1.8mm.

NOTE
If lamp does not pass at 1.6mm, or does not stop at 1.8mm, repeat steps 3 ～ 9.