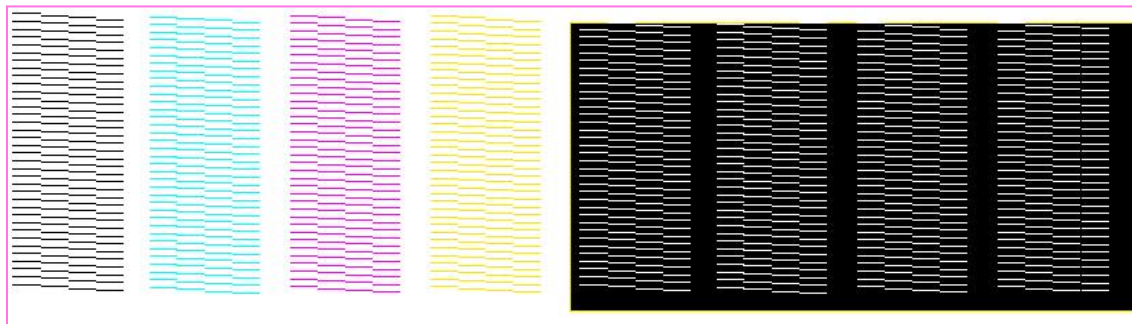
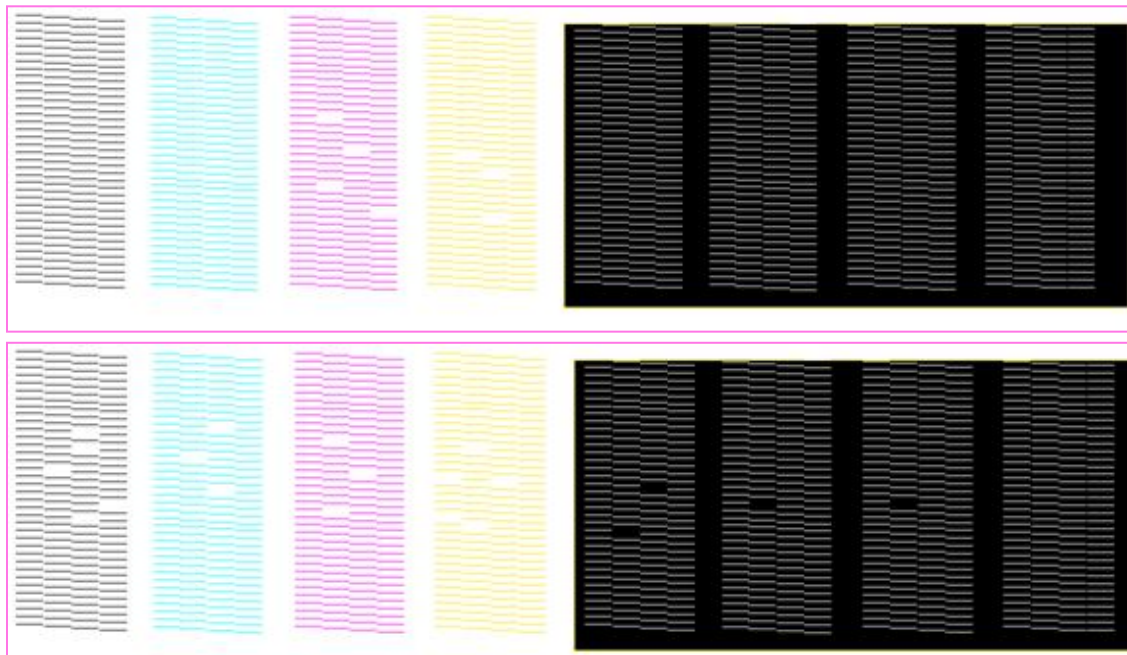


## **NOZZLE CHECK**

To gain a perfect artwork from artisJet UV printer is easy and simple to the users under the work philosophy of “Less is more” from artisJet printer team. It is a complex working system from technical level as a precision printer but very simple to solve some common problem if you follow the designed solution. Nozzle Check Pattern is the recommend tool for the common printing problems, you will have the judgment standards and solution bellow:



Perfect Nozzle Check Pattern - Fig.1



Abnormal Nozzle Check Pattern Fig.2

**P**ossible Causes:

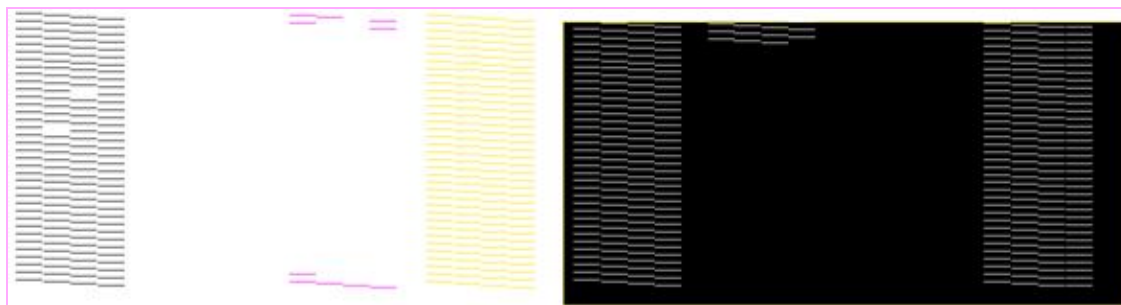
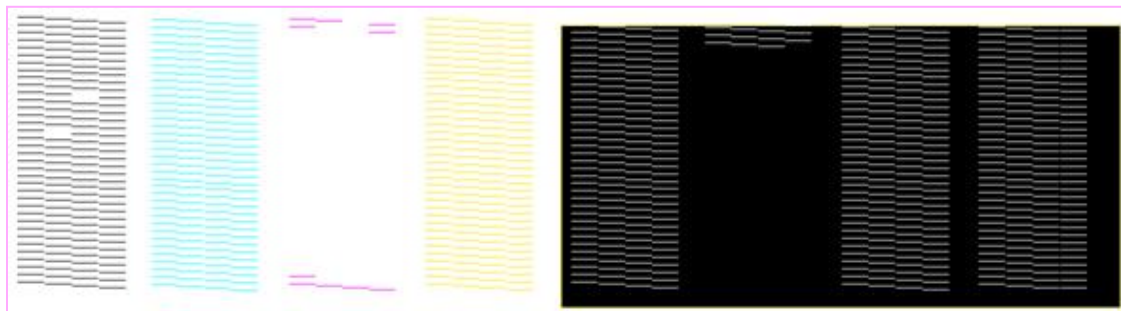
Nozzle dirty, Nozzle has been clogged lightly, The printer has been idle for a period.

## Solution:

1. First clean the wiper manually with non-woven cloth and alcohol,
2. Perform "Head Cleaning" from the workstation,
3. Perform "Nozzle Check"
4. Compare the pattern with the previous one, if it gets better, perform "head cleaning" again, until the nozzle check pattern is perfect as Fig.1.

If there is no refinement after 3 times, perform "Ink Charging for Maintenance".

5. Contact artisJet technical team for help, if the above solution didn't affected.



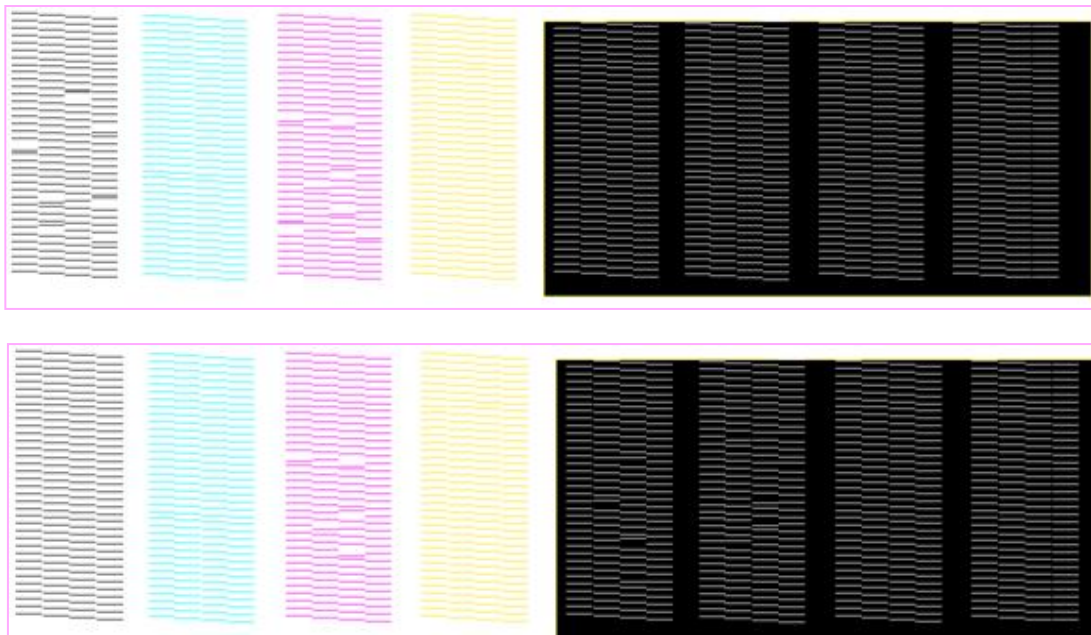
Abnormal Nozzle Check Pattern - Fig.3

## Possible Causes:

No Ink in the cartridge, Air in the ink tube or damper, Damper air leaking, Damper to be replaced, Nozzle has been clogged.

## Solution:

1. Check the cartridge, ensure the ink level is safe,
2. Perform the "Ink charging for maintenance",
3. Perform the "Nozzle Check",
4. Check the printing pattern.
- 5.1. If the problem occurs repeatedly and the color is missing during the printing process and the nozzle check pattern shows pattern 3, please replace the damper corresponding to the problem color.
- 5.2. If the Nozzle check pattern didn't turn normal after replacing the damper, you need to replace the manifold.
6. Contact artisJet technical team for help, if the above solution didn't affected.



Abnormal Nozzle Check Pattern Fig.4

## Possible Causes:

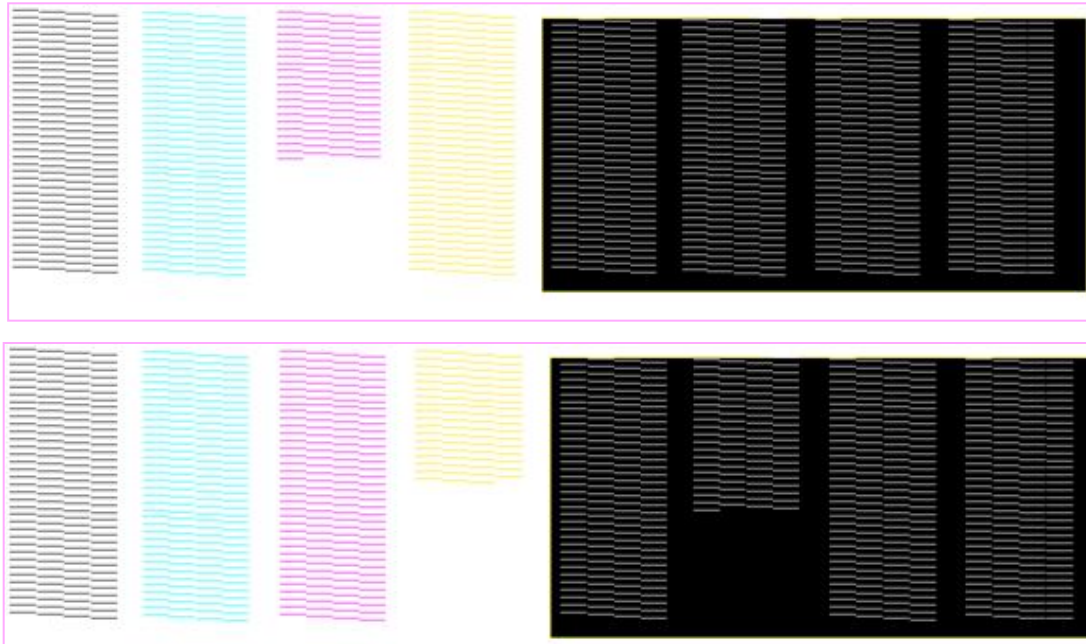
Oblique Jet, Ink Drop on the Nozzle.

## Solution:

1. Perform "Head Cleaning" 1-2 times.
2. If there is no refinement after twice, perform "Ink Charging for

Maintenance”.

3. Contact artisJet technical team for help, if the above solution didn't affected.



Abnormal Nozzle Check Pattern Fig. 5

#### Possible Causes:

The nozzle is scratched, the damper needs to be replaced

#### Solution:

1. Perform “Head Cleaning” 1-2 times.
2. If there is no refinement after 2 times, perform “Ink Charging for Maintenance”.
3. If the problem occurs repeatedly, please change the damper correspondingly, if no better, please change the manifold.
4. Contact artisJet technical team for help, if the above solution didn't affected.