2.22.44 C-4644

Code

C-4644

Classification

Main body: Color registration sensor (K) abnormality

Cause

All of the number of the center position data K of the color registration sensor/Fr (PS20), the color registration sensor/Md (PS21), and the color registration sensor/Rr (PS22) is 11 or more.

Measures to take when alert occurs

The main body and the option stop immediately.

Estimated abnormal parts

• Printer control board (PRCB)
• Color registration sensor/Fr (PS20), color registration sensor/Md (PS21), color registration sensor/Rr (PS22)

Correction

Note

▪ **The message "Please call service" is displayed on the panel.**

Solution

1. Prior confirmation
   • Check that the C clip of the 1st transfer pressure cam shaft is on.
   • Check the drawer connector part of the process mount.
   • Check the image correct unit sensor and clean it if the sensor is dirty.
2. Execute the IO Check (55-03) of the IDC shutter motor (M36) (Home position search).
3. Execute the IO Check (55-05) of the IDC shutter motor (M36) (Open and close running mode).
4. Check the result of the IO Check in the step 2.
   For details of IO check results, refer to "Table 1: Result check."
   Check the result of the IO Check in the step 3.
   For details of IO check results, refer to "Table 2: Result check."
   When the result of the IO Check in the step 2 and the step 3 are normal, sensor shutter operation is not abnormal. Go on to step 5.
5. Output the test pattern. Check whether the uneven density occurs on the K toner area.
6. Check the intermediate transfer belt, and clean or replace it when there is toner image or damage.
7. Check the connector connections, CN1151 of PS20, CN1152 of PS21, CN1153 of PS22, CN1158 (Image correct relay), CN1159 (Image correct unit relay),CN1135 (Process mount relay), CN1103 (Process mount drawer), CN160 of PRCB, and the wiring between PRCB and PS20, PS21, PS22. Then repair or replace it when there is any abnormality.
8. Replace PRCB.
9. Replace PS20.
10. Replace PS21.
11. Replace PS22.

Table 1: Result check

Result check	Normal	Abnormal
START	Any of 0 to 3	4
STOP	Not care	Not care

Table 2 Result check

Result check	Normal	Abnormal
START	0 and 1 is displayed alternately	Not change
STOP	Not care	Not care

Faulty part isolation DIPSW

Control while detached

2.22.45 C-4661

Code

C-4661

Classification

Main body: Color registration correction abnormality (Y)

Cause

The color registration correction/Y has terminated abnormally.

Measures to take when alert occurs

The main body and the option stop immediately.

Estimated abnormal parts

• Printer control board (PRCB)
• Color registration sensor/Fr (PS20), color registration sensor/Md (PS21), color registration sensor/Rr (PS22)

Correction

Note

▪ **The message "Please call service" is displayed on the panel.**

Solution

1. Prior confirmation
   • Check the drawer connector part of the process mount.
   • Check the image correct unit sensor and clean it if the sensor is dirty.
2. Execute the IO Check (55-03) of the IDC shutter motor (M36) (Home position search).
3. Execute the IO Check (55-05) of the IDC shutter motor (M36) (Open and close running mode).
4. Check the result of the IO Check in the step 2.
   For details of IO check results, refer to "Table 1: Result check."
   Check the result of the IO Check in the step 3.
   For details of IO check results, refer to "Table 2: Result check."

When the result of the IO Check in the step 2 and the step 3 are normal, sensor shutter operation is not abnormal. Go on to step 5.

5. Check the connector connections, CN1151 of PS20, CN1152 of PS21, CN1153 of PS22, CN1158 (Image correct relay), CN1159 (Image correct unit relay),CN1135 (Process mount relay), CN1103 (Process mount drawer), CN160 of PRCB, and the wiring between PRCB and PS20, PS21, PS22. Then repair or replace it when there is any abnormality.
6. Replace PRCB.
7. Replace PS20.
8. Replace PS21.
9. Replace PS22.

Table 1: Result check

Result check	Normal	Abnormal
START	Any of 0 to 3	4
STOP	Not care	Not care

Table 2 Result check

Result check	Normal	Abnormal
START	0 and 1 is displayed alternately	Not change
STOP	Not care	Not care

Faulty part isolation DIPSW
Control while detached

2.22.46 C-4662

Code
C-4662
Classification
Main body: Color registration correction abnormality (M)
Cause
The color registration correction/M has terminated abnormally.
Measures to take when alert occurs
The main body and the option stop immediately.
Estimated abnormal parts
• Printer control board (PRCB)
• Color registration sensor/Fr (PS20), color registration sensor/Md (PS21), color registration sensor/Rr (PS22)
Correction
Note
▪ **The message "Please call service" is displayed on the panel.**
Solution
1. Prior confirmation
    • Check the drawer connector part of the process mount.
    • Check the image correct unit sensor and clean it if the sensor is dirty.
2. Execute the IO Check (55-03) of the IDC shutter motor (M36) (Home position search).
3. Execute the IO Check (55-05) of the IDC shutter motor (M36) (Open and close running mode).
4. Check the result of the IO Check in the step 2.
    For details of IO check results, refer to "Table 1: Result check."
    Check the result of the IO Check in the step 3.
    For details of IO check results, refer to "Table 2: Result check."
    When the result of the IO Check in the step 2 and the step 3 are normal, sensor shutter operation is not abnormal. Go on to step 5.
5. Check the connector connections, CN1151 of PS20, CN1152 of PS21, CN1153 of PS22, CN1158 (Image correct relay), CN1159 (Image correct unit relay),CN1135 (Process mount relay), CN1103 (Process mount drawer), CN160 of PRCB, and the wiring between PRCB and PS20, PS21, PS22. Then repair or replace it when there is any abnormality.
6. Replace PRCB.
7. Replace PS20.
8. Replace PS21.
9. Replace PS22.

Table 1: Result check

Result check	Normal	Abnormal
START	Any of 0 to 3	4
STOP	Not care	Not care

Table 2 Result check

Result check	Normal	Abnormal
START	0 and 1 is displayed alternately	Not change
STOP	Not care	Not care

Faulty part isolation DIPSW
Control while detached

2.22.47 C-4663

Code
C-4663
Classification
Main body: Color registration correction abnormality (C)
Cause
The color registration correction/C has terminated abnormally.