1156SBT040108A

## C0E## Erase Lamp Malfunctions

| * | Code | Description | Detection Timing |
|---|---|---|---|
| | C0E00 | Main Erase Lamp LA2's failure to turn ON | The LA2 Failure Detection signal remains HIGH for a continuous 1-sec. period while LA2 is ON. |
| | C0E01 | Main Erase Lamp LA2 turning ON at abnormal timing | The LA2 Failure Detection signal remains LOW for a continuous 1-sec. period while LA2 is OFF. |
| | C0E20 | Image Erase Lamp LA3's failure to turn ON | The LA3 gate array is faulty as found through a self-diagnostic sequence carried out immediately after Main Drive Motor M1 has been deenergized. |

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## C0F## Sensor Malfunctions

| * | Code | Description | Detection Timing |
|---|---|---|---|
| * | C0F02 | Original Size Detecting Board UN2 malfunction | • Undefined data is input to the master CPU.<br>• Under normal conditions:<br>A fixed-cycle pulse signal (Busy) remains HIGH or LOW for 3 sec. or more.<br>• When the Power Switch is ON:<br>A fixed-cycle pulse signal (Busy) remains HIGH or LOW for 5 sec. or more. |
| | C0F10 | AE Sensor Board PWB-H malfunction | The output from PWB-H remains approx. 0.18V or less for a continuous 2-sec. period, with the Exposure Lamp OFF, the Scanner at the home position, and the Original Cover lowered. |
| * | C0F20 | AIDC Sensor Board PWB-G variation correction failure | In the initial F5 or FF mode:<br>• The output from PWB-G is 1V or more when the load resistance is made maximum by the 4-bit analog switch.<br>• The output from PWB-G is less than 1V when the load resistance is made minimum by the 4-bit analog switch.<br>• The output from PWB-G does not fall within the 0.9V-1.1V range when the intensity of PWB-G LED is varied. |
| * | C0F22 | AIDC Sensor Board PWB-G grid voltage (Vg) correction failure | In the initial F5 or FF mode:<br>1) Vg of 580V is output.<br>2) A solid black pattern is produced and the PWB-G output is sampled.<br>3) If the average is less than 4.3V, Vg is increased. |
| * | C0F23 | AIDC Sensor Board PWB-G exposure correction failure | In the initial F5 or FF mode:<br>1) The Exposure Lamp is turned ON with 58V.<br>2) A halftone pattern is produced and the PWB-G output is sampled.<br>3) If the average does not fall within the target range, the exposure level is varied.<br>4) The average does not fall within the target range even after steps 1) to 3) have been repeated 15 times. |