1 TROUBLESHOOTING FOR "C" AND "E" - INDICATION

E1 :
- no starter or wrong starter detected after starter filling
- developing unit failure
- ATDC sensor failure
- PWB-A failure

E2 :
- wrong starter detected after starter filling
- ADTC sensor control voltage exceeded after starter filling
- developing unit failure
- ATDC sensor failure
- PWB-A failure

C1 Scanner fan :
- scanner fan not connected, check "PJ1" on PWB-A
- PWB-A failure

C4 Exposure lamp malfunction :
- exposure lamp failure
- exposure lamp not connected
- power supply to exposure lamp interrupted
- connector "CN7" of exposure lamp harness not connected
- connector "LA1-2" of exposure lamp harness not connected
- connector "TB3-1" of exposure lamp harness not connected
- malfunction of exposure lamp thermal fuse "TF1"
- exposure lamp control circuit failure
- PWB-A and/or PWB-D failure

C5 Warm-up malfunction :
- temperatur in fusing unit does not achieve 185°C within 30 sec. after power on
- connector "PJ3" on PWB-D not connected
- connector "CN6" of fusing unit harness not connected
- failure of fusing unit thermal fuse "TF1"
- thermistor "TH1" short-circuited
- thermistor "TH1" not connected, check "CN10" of harness
- failure of fusing unit heater lamp
- failure of power supply to fusing unit
- malfunction in control circuit of fusing unit heater lamp
- PWB-A and/or PWB-D failure

C6 Scanner/motor malfunction or timing failure :
- motor does not start when start key is pressed
- scanner does not reach the two sensors within specified timing
- motor not deactivated after end of copy cycle
- connector "PJ2" on PWB-D not connected
- motor power supply interrupted
- motor failure
- motor overheating error
- motor control circuit failure
- PWB-A and/or PWB-D failure

C7 Low-temperature error :
- after warm-up the fusing unit temperature falls below 138°C
- connector "PJ3" on PWB-D not connected
- failure of fusing unit thermal fuse "TF1"
- thermistor "TH1" failure
- failure of fusing unit heater lamp
- power supply to fusing unit interrupted
- malfunction in control circuit of fusing unit heater lamp
- PWB-A and/or PWB-D failure

C8 Over-temperature error :
- fusing unit temperature is 220°C for 2 sec.
- thermistor "TH1" short-circuited
- failure in control circuit of fusing unit heater lamp
- PWB-A and/or PWB-D failure

CP EEPROM malfunctions (IC3 on PWB-A) :
- EEPROM not connected
- EEPROM not properly connected
- EEPROM failure
- error in EEPROM write/read routine
- PWB-A failure