6 SERVICE INSTRUCTIONS

Service Precautions

When servicing the copier, observe the following precautions.

- Unplug the copier from the power outlet before attempting to disassemble the copier.
- While power is being supplied to the copier, never unplug or plug in the connectors, including those on PWBs.
- When running the copier with the Covers removed, be careful not to allow your clothing and shirt sleeves to be caught in the Timing Belt or other revolving parts.
- Do not use flammable sprays near the copier while it is in operation.
- Do not bring your watch near the Imaging Module.
- Because there are two in-line fuses, even if one of these blows, there may still be a danger of electric shock.

Precautions for Handling the PWBs with MOS ICs

When handling the PWBs with MOS (Metal Oxide Semiconductor) ICs, observe the following precautions.

During transportation and storage:

- The PWBs must not be indiscriminately removed from the protective conductive bags.
- Do not store or place PWBs in a location exposed to direct sunlight.
- When a PWB is removed from the copier, do not place it in a location subject to static electricity or on a plastic or vinyl bag.
- Do not touch the pins of the IC with bare hands.

During replacement:

- When unplugging connectors from the PWB, make sure that the power cord has been unplugged.
- When removing the PWB from its conductive case or bag, do not touch the IC pins or the printed pattern. Hold only onto the edges of the Board.
- When plugging connectors to the PWB, be sure that the power cord has been unplugged.

During checking:

- Avoid checking the IC directly with a tester. Check the connectors on the board to determine whether the board is operational.
- Never strap pins of an IC with a metal tool.
- If any devices on the PWB must be touched with bare hands, be sure to ground your body.

Precautions for Handling the Imaging Module (IM)

During transportation and storage:

- Use the specified package for transportation and storage of the IM.
- Storage temperature for the IM is –20°C to +40°C.
- Avoid leaving the IM in a car for a long time during hot weather.

During handling:

- When the IM has been removed from the copier, immediately store it in the dedicated package or protective cloth.
- The PC Drum exhibits great light fatigue and the recovery time is quite long. Do not, therefore, subject it to light for a long time.
- Do not touch the surface of the PC Drum with bare hands or stain it with oil or grease.
- Use utmost care not to damage the surface of the PC Drum.