1 SERVICE INSTRUCTIONS

1-1. Precautions for Disassembly/Adjustment

Observe the following precautions whenever servicing the copier.

- Be sure to unplug the copier from the power outlet before attempting to service the copier.
- While power is being supplied to the copier, do not attempt to remove/install the print jacks from/to the P.W. Boards or unplug/plug in the connectors.
- If the copier is run with its Covers removed, use care not to allow your clothing to be caught in revolving parts such as the Timing Belt.
- Do not use flammable spray around the copier in operation.
- The Developing Unit generates strong magnetic force. Do not bring it near a cathode-ray tube or watch.
- When handling the P.W. Boards with MOS ICs, observe 1-2." Instructions for Handling the PWBs with MOS ICs."
- It should be noted that fuses are used with double-pole/neutral wires.
- If it becomes necessary to replace fuses and thermal fuses, be sure to use ones of the following ratings.

PWB-C	PWB-D			—	—
F1	F1	F2	F3	TF1	TF2
250 V T3.15 A	250 V T630 mA	250 V T6.3 A #	250 V T6.3 A #	141 °C 10 A 250 V	167 °C 10 A 250 V

 # special high current type (ceramic)

1-2. Instructions for Handling the PWBs with MOS ICs

The following precautions must be observed when handling P.W. Boards with MOS (Metal Oxide Semiconductor) ICs.

During Transportation/Storage:

- During transportation or when in storage, new P.W. Boards must not be indiscriminately removed from their protective conductive bags.
- Do not store or place P.W. Boards in a location exposed to direct sunlight.
- When it becomes absolutely necessary to remove a Board from its conductive bag or case, always place it on its conductive mat in an area as free as possible from static electricity.
- Do not touch the pins of the ICs with your bare hands.

During Replacement:

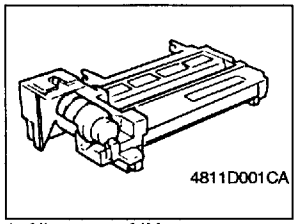
- Before unplugging connectors from the P.W. Boards, make sure that the power cord has been unplugged from the power outlet.
- When removing a Board from its conductive bag or conductive case, do not touch the pins of the ICs or the printed pattern. Place it in position by holding only the edges of the Board.
- Before plugging connectors into the Board, make sure that the power cord has been unplugged from the power outlet.

During Inspection:

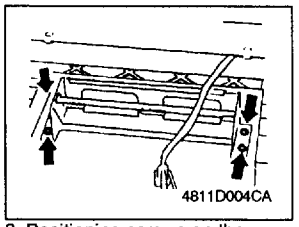
- Avoid checking the IC directly with a multimeter; use connectors on the Board.
- Never create a closed circuit across IC pins with a metal tool.
- When it is absolutely necessary to touch the ICs and other electrical components on the Board, be sure to ground your body.

1-3. Parts which must not be touched

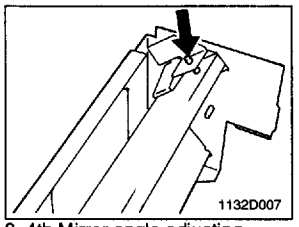
During the disassembly, reassembly, or adjustment job, do not attempt to remove or adjust the following parts:



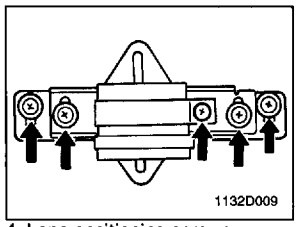
1. All screws of IM



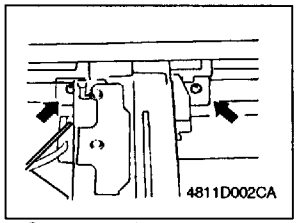
2. Positioning screws on the 4th/5th Mirrors Assy



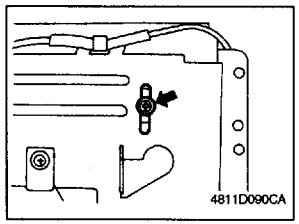
3. 4th Mirror angle adjusting screw



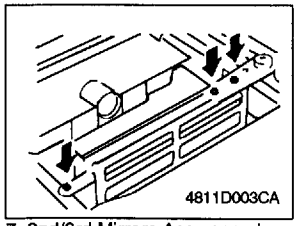
4. Lens positioning screws



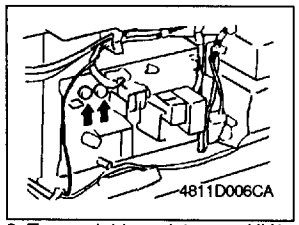
5. Scanner angle adjusting screws



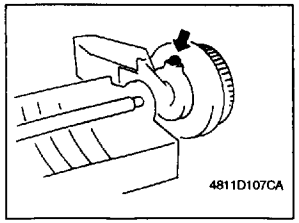
6. Distance between 1st and 2nd Slider by adjusting screw of drive cable



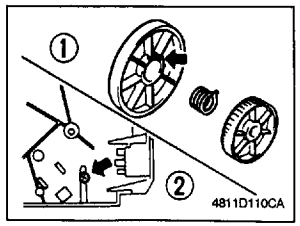
7. 2nd/3rd Mirrors Assy securing screws and angle adjusting screw



8. Two variable resistors on HV1



9. Stop ring adjusting screw at paper feeding unit



10. Paper feeding segment position by
1. Slit for kick spring
2. Fixing at slot in gear plate