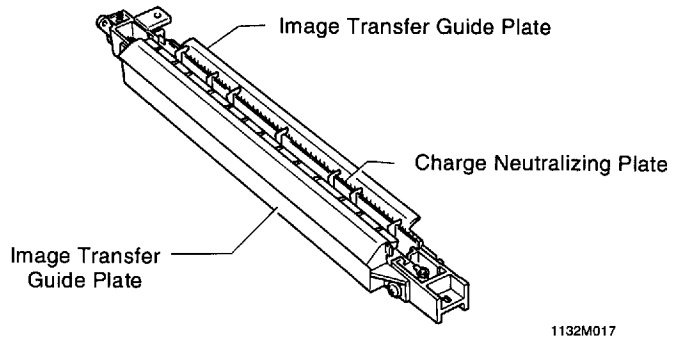
5-4. IMAGE TRANSFER

5-4-1. Image Transfer Corona

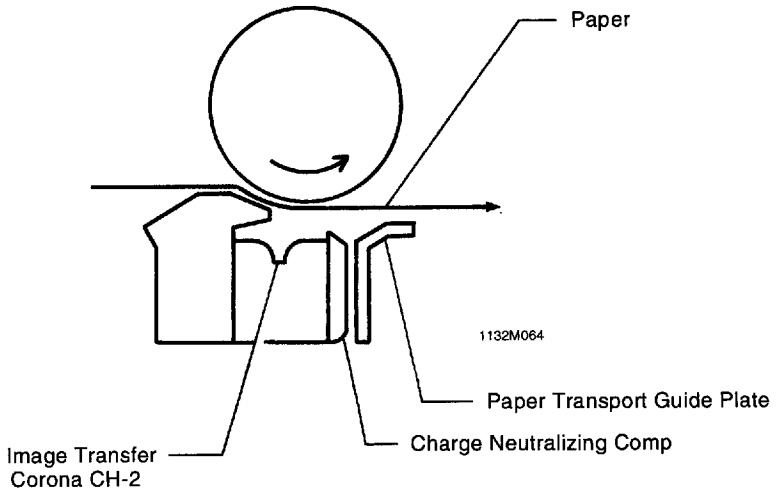
- The Image Transfer Corona deposits negative charges onto the underside of the sheet of paper passing under the PC Drum to effect transfer of the visible toner image from the surface of the PC Drum to the surface of the paper.



5-4-2. Image Transfer Corona ON/OFF Control

- The Image Transfer Corona is switched on/off in synchronization with the ON/OFF of the PC Drum Charge Corona.

5-5. SEPARATION



5-5-1. Separation

- Paper being fed through the copier adheres to the surface of the PC Drum because of the charge applied to its underside by Image Transfer Corona CH-2. This charge is neutralized by the Charge Neutralizing Comp to help the paper separate from the surface of the PC Drum easily. Further, the small diameter of the PC Drum (ϕ30 mm) aids separation because of the inherent strength in the paper.