17-4. PC Drum Paper Separator Fingers

17-4-1. Paper Separator Finger Swinging Mechanism

After image transfer, an AC corona emission is applied to the underside of the paper by the Paper Separator Corona to neutralize the paper so that it can be easily separated from the PC Drum. To further ensure that the paper is positively separated from the PC Drum, there are two Paper Separator Fingers installed. They physically peel the paper off the surface of the PC Drum. (For details of AC corona emission, see "16. IMAGE TRANSFER/PAPER SEPARATOR CORONAS.")
The Paper Separator Fingers are swung up and down by Separator Solenoid SL1.

