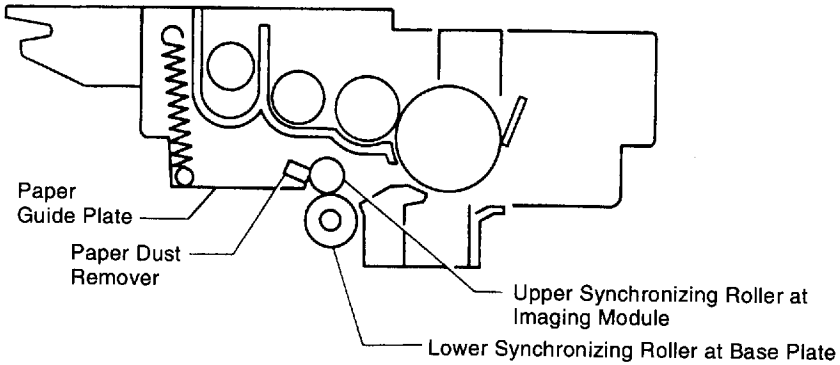
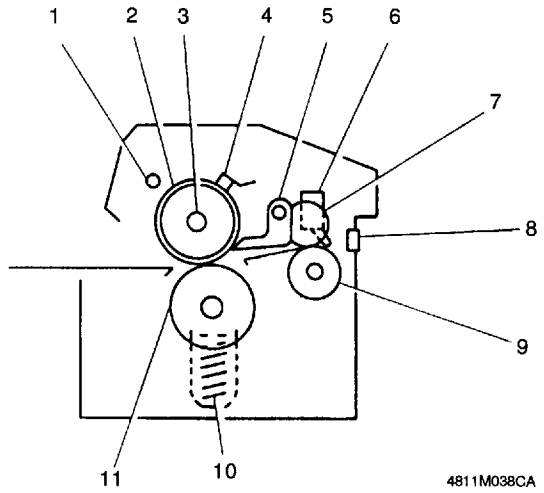
8-3. Paper Dust Remover

- The Paper Dust Remover is installed so that it makes contact with the Upper Synchronizing Roller. Since the Upper Synchronizing Roller is covered with an insulating tube, triboelectric charging occurs as the Roller rotates in contact with the Paper Dust Remover. As paper is then fed between the Synchronizing Rollers, the charges on the tube attract the paper dust from the paper. This dust is then transferred onto the Paper Dust Remover.



9 FUSING UNIT AND PAPER EXIT

9-1. Components



1. Fusing Roller Thermal Fuse TF1 (167°C, 10A)
2. Upper Fusing Roller
3. Fusing Roller Heater Lamp H1
4. Fusing Roller Thermistor TH1
5. Paper Separator Finger
6. Paper Exit Switch S53
7. Paper Exit Rolls
8. Paper Neutralizing Brush
9. Paper Exit Roller
10. Pressure Spring
11. Lower Fusing Roller

9-2. Fusing Roller Compression Mechanism

- The Fusing Unit and Paper Exit are divided into the upper and lower halves. When the Upper Half of the copier is swung down into the locked position, it presses the Upper Fusing Unit so that the Upper and Lower Fusing Units are pressed together.
- The Pressure Springs located under the left and right ends of the Lower Fusing Roller Shaft exert an upward force on the Lower Fusing Roller. This results in an overall pressure of 9.5 kg being applied between the two Rollers.

