10-7. Toner Replenishing Control

1. The ATDC Sensor detects the toner-to-carrier ratio of the developer for each copy cycle.
2. It samples the ratio 16 times. If eight or more readings out of the total 16 are lower than the preset T/C, a toner replenishing signal is generated.
3. One Toner Replenishing signal turns the Toner Replenishing Motor for about 5 seconds.

* The readings taken while the Toner Replenishing Motor is turning are ignored. That is, in a multi-copy cycle, the ATDC Sensor may take readings as the next copy cycle is started while the motor is turning; but, those readings are ignored.