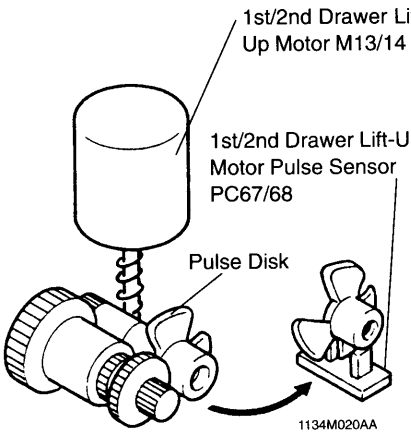
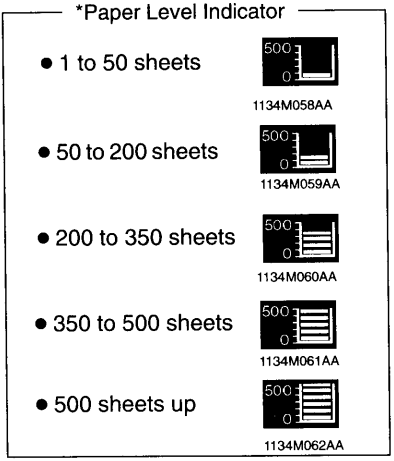
18-3. Paper Level Detection

- The amount of paper still available for use, or the paper level, of the 1st and 2nd Drawer is detected by 1st/2nd Drawer Lift-Up Motor Pulse Sensor PC67/68 and a pulse disk.
- The pulse disk is mounted on the shaft of the intermediary gear that transmits drive from the Lift-Up Motor (M13/14). The speed of the pulse disk varies with different paper levels and the number of pulses detected by the Lift-Up Motor Pulse Sensor (PC67/68) is used to determine the paper level.
- Counting of the number of pulses is started when the Lift-Up Motor (M13/14) is energized and continues until the output from the Lift-Up Sensor (PC65/66) goes LOW. The total number of pulses is translated into the amount of paper which is shown on the Touch Panel as a graphic marker in units of 50 sheets of paper.
- As the paper is consumed and the top level of the paper stack lowers, the Lift-Up Motor is energized to raise the paper stack. During this time, the Lift-Up Motor Pulse Sensor (PC67/68) detects pulses and that pulse count is accumulated. When the count reaches 50 sheets of paper, one segment of the paper level indicator on the Touch Panel goes out.





	Control Signal	Blocked	Unblocked	WIRING DIAGRAM
PC67	PWB-A PJ23A-2	L	H	32-I (41-K)
PC68	PWB-A PJ23A-5	L	H	32-J (41-N)