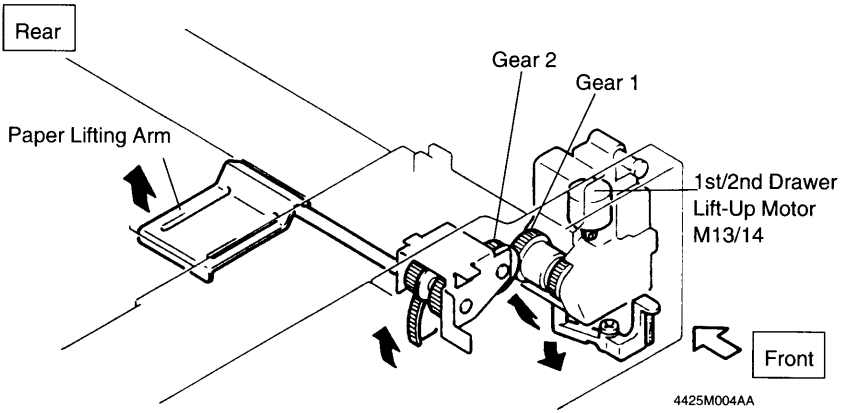
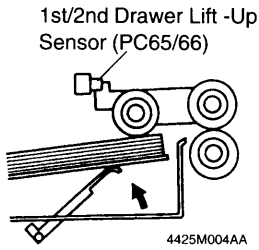
18-2. Drawer Paper Lifting/Lowering Mechanism/Control

(1) Metric Areas

- The paper lifting mechanism raises the paper in the drawer so that the top of the paper stack is pressed against the Paper Take-Up Roll at a constant pressure.
- When slid into the copier, the drawer presses the Drawer Set Lever which engages Lift-Up Motor Gear 1 with Paper Lifting Arm Gear 2.
- At the same time, the Drawer Set Sensor (PC61 /PC62) is blocked (goes LOW) and after 1 msec., the Lift-Up Motor (M13/M14) starts turning, causing the Paper Lifting Arm to raise the Paper Lifting Plate.
- When the drawer is slid out, Lift-Up Motor Gear 1 is disengaged from Paper Lifting Arm Gear 2, lowering the Paper Lifting Plate.



When Drawer is Slid in



- The Paper Lifting Arm further raises the paper after the top sheet of paper is pressed against the Paper Take-Up Roll. As the light blocking plate blocks the Lift-Up Sensor (goes LOW), the Lift-Up Motor (M13/M14) stops.