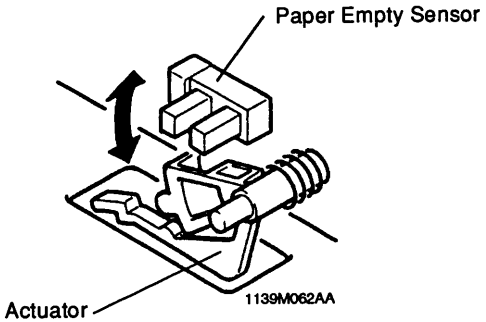
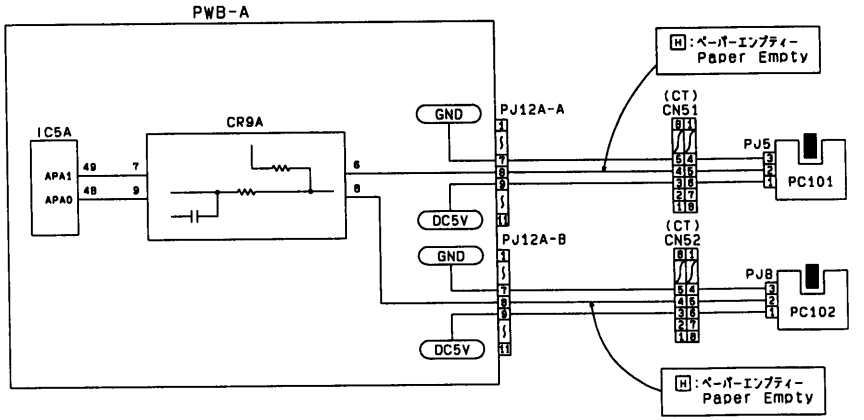
13-6. Paper Empty Detection

When the drawer runs out of paper, the Actuator for the Paper Empty Sensor drops into the cutout in the Paper Lifting Plate. This activates the Paper Empty Sensor and the copier will know that the drawer has run out of paper.

The Paper Lifting Plate is raised at all times by the Paper Lifting Springs. To prevent the Actuator for the Paper Empty Sensor (1st Drawer: PC101; 2nd Drawer: PC102) from being caught by the paper stack when the drawer is slid out of the copier, therefore, it is tilted slightly. This, however, results in the operating stroke of the Actuator becoming small, which increases the possibility of the Actuator activating the Sensor by the flexing of a sheet of paper as it is taken up and fed in. To prevent this false detection of a paper-empty condition, the paper empty detection is enabled only when the Paper Take-Up Rolls are in the retracted position.





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