3. Methed for Checking Control Parts with Loads

To check the Control parts with loads easier and safer, this copier allows the Technical Representative to determine whether a control part is fully operational and signals are input and output properly by changing or checking the I/O port data of the board IC with the copier in the standby state (including where a misfeed or malfunction condition exists).

Procedure

1) On the circuit diagram accompanying the text, locate the I/O port of the control part which is probably faulty when a misfeed or malfunction occurs.
2) Select the function "Port" of "I/O Check" of the Tech. Rep. mode and show on the Message Display the screen containing the ports identified in step 1 above. (See SWITCHES ON PWBs.)

NOTE: Some paper path sensors can be checked by the function "Paper Path Sensor" of "I/O Check."

3) Change or check the input or output port data to check that the control part is operational and signals are input and output properly.
4) If the control part does not operate after the output port data has been changed, select "Control Board" of "I/O Check" and determine whether the cause of the problem is the board or any other functional unit.

NOTE:The output ports that can be checked by "Control Board" of "I/O Check" of the Tech. Rep. mode are only those given on p. T-63.