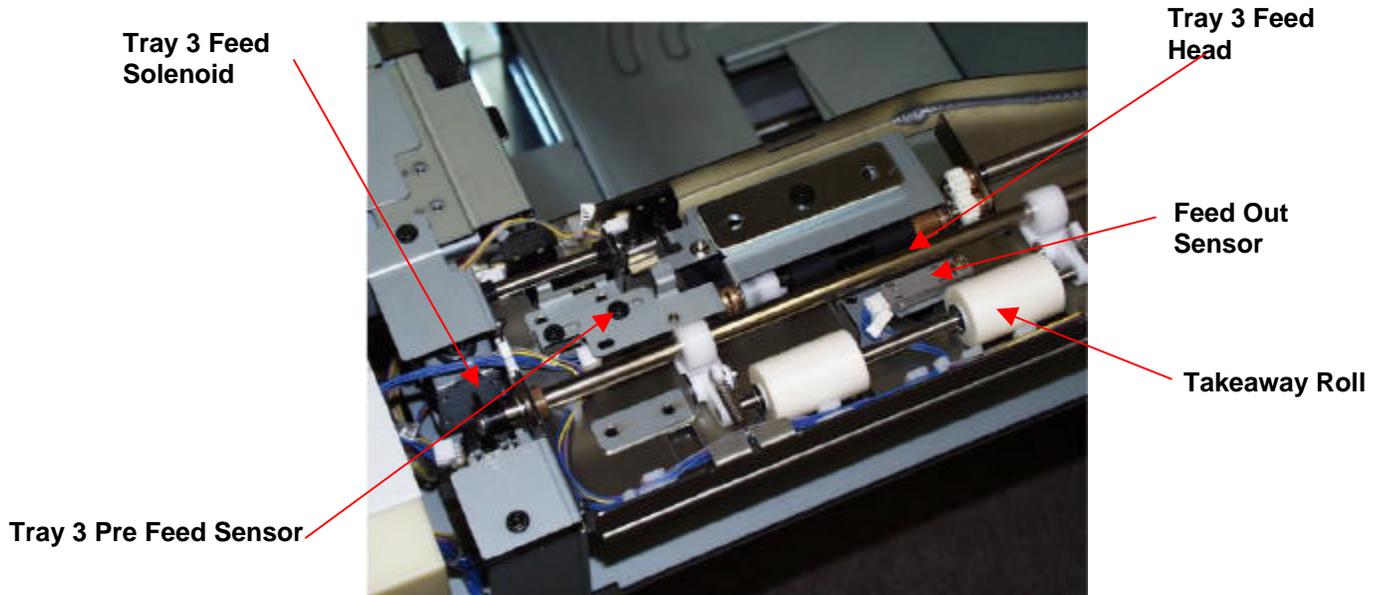


Tray 3 - Paper Handling Module

Tray 3 Paper Feed

When the control logic receives a Tray 3 Print signal, the Tray 3 Feed Motor turns on and provides drive to the Nudger Rollers in the Tray 3 Feed Head. While the rolls are turning the Tray 3 Feed Solenoid actuates and pivots the feed head down. The rolls will grab the top sheet in the paper tray and feed it to the Takeaway Roll. As the paper enters the take away nip the Tray 3 Feed Solenoid deactuates and the feed head pivots up off the paper stack. These actions occur each time a sheet of paper is feed from the tray.

When the tray is feeding paper, a Feed Out Sensor checks for jams and misfeeds. This sensor also checks for the white strips on transparencies when the operator selects the transparency feature. The Tray 3 Pre Feed Sensor monitors the paper leaving the Feed Head to detect if a sheet has been fed.

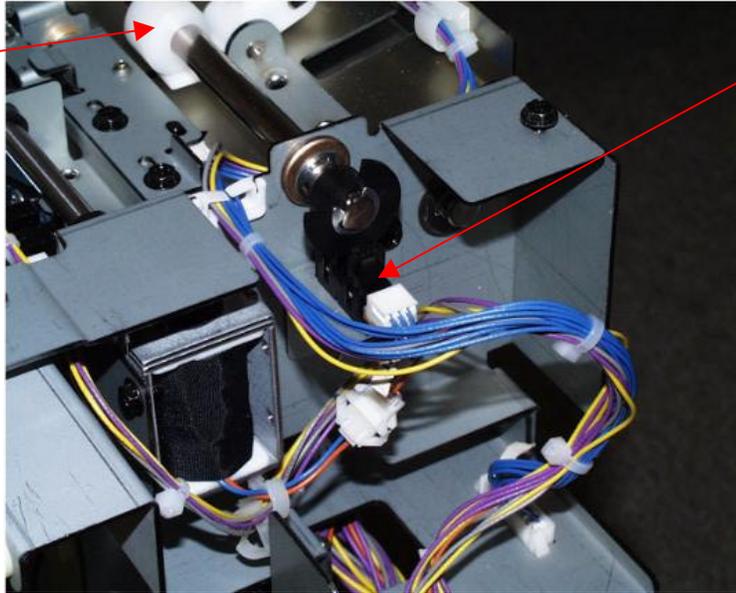


Tray 3 - Paper Handling Module

Tray 3 Paper Feed (continued)

When the sheet leaves Tray 3 and enters the first set of rolls in the Transport Module, the Takeaway Rolls Pinch Release Motor (see Tray 3 Motors) rotates the Pinch Roll Release Cam. The cam lifts the Takeaway Idler Rolls and releases the sheet. A Takeaway Roll Sensor, signals the Control Logic that the Pinch rolls is up or down.

Pinch Roll
Release Cam



Takeaway Roll
Sensor