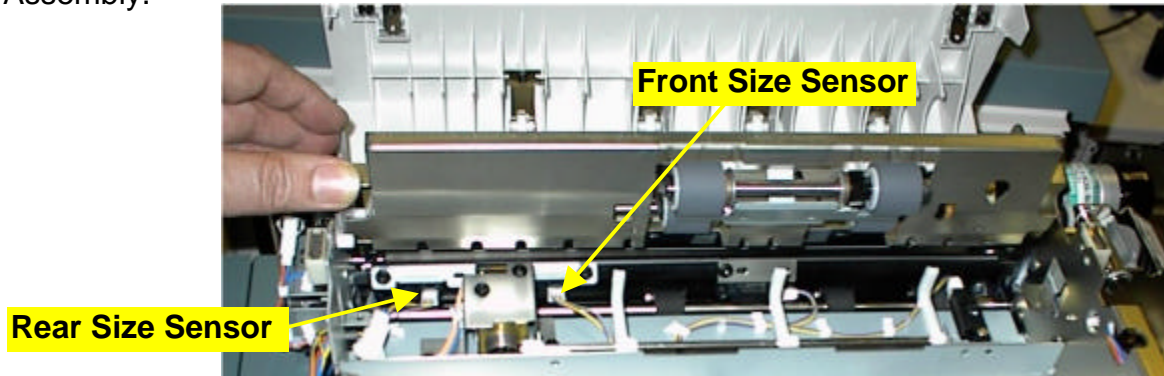


### DADF Document Size Sensing

The document length (transport dimension) is measured by the DADF Control PWB counting the number of Belt Motor pulses while the document passes the Registration Sensor. The width of the document is determined by the Front and Rear DADF Size Sensors. The Rear (#1) DADF Size Sensor is positioned 226 mm from the rear guide of the Input Tray Assembly. The Front (#2) DADF Size Sensor is positioned 287 mm from the rear guide of the Input Tray Assembly.



There are two possible document path faults that can be determined by the size sensing system. The following message is displayed by the IOT. "The Document Feeder has a failure". This message is displayed when:

The Front and Rear Size Sensors detect a document and the DADF is not in use.  
The Front and Rear Size Sensor detects a document, but the Registration Sensor does not detect a document.

See Paper Size Table on the next page.

## Document Size Sensing - Document Handling Module

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### DADF Document Size Sensing (continued)

The table below lists the states of these two sensors for the different sizes of documents.

Document Size (in)	DADF Rear (#1) Sensor	DADF Front (#2) Sensor	Length of detected Original (mm)	Length of Original (mm)
A4 SEF	OFF	OFF	240.14	297
B5 S EF	OFF	OFF	200.14	257
A5 SEF	OFF	OFF	153.14	210
A5 LEF	OFF	OFF	91.14	148
8.5x14 SEF (Regal)	OFF	OFF	298.74	355.6
8.5x11 SEF (letter) 8" x10.5" SEF 8"x10" SEF	OFF	OFF	197.14-222.54	254-279.4
8.5x13 SEF 8.5x12.4 SEF	OFF	OFF	258.1-273.34	314.96-330.2
5.5X8.5	OFF	OFF	82.84	139.7
11X17 SEF 11X14.9 SEF	ON	OFF	321.6-374.94	378.46-431.8
B4 S EF	ON	OFF	307.14	364
8.5X11 LEF (letter)	ON	OFF	159.04	215.9
8.5X11 LEF 8X10.5 LEF 8X10 LEF	ON	OFF	146.34-159.04	203.2-215.9
B5 LEF	ON	OFF	125.14	182
A3 SEF	ON	ON	363.14	420
A4 LEF	ON	ON	153.14	210