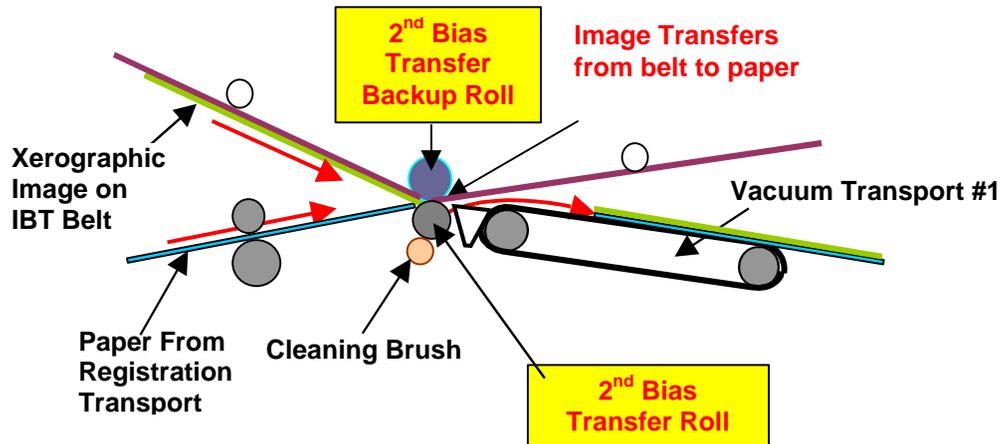


# Paper Transportation - IOT Module Transports

## Second Bias Transfer Roll

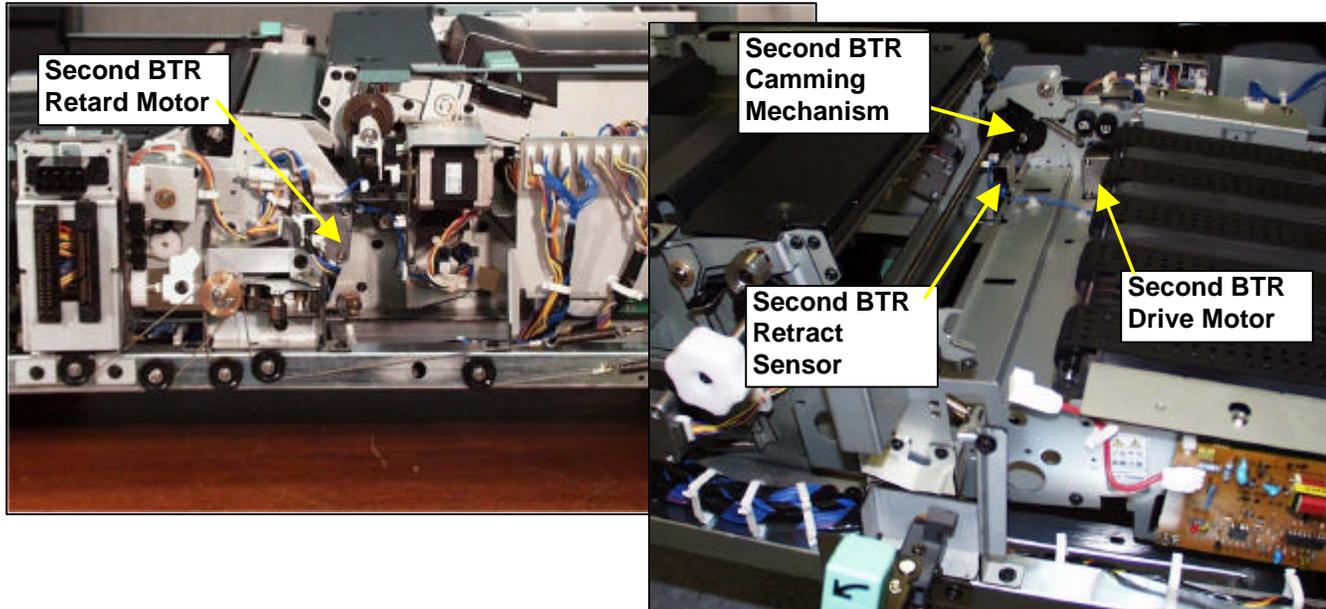
The Second Bias Transfer Roll is in the Paper Transport Module drawer. The Second Bias Transfer Backup Roll is in the IBT Module drawer under the IBT Belt. Paper from the Registration Transport and the Xerographic Image on the IBT Belt meet at the nip formed by the belt and the two bias rolls and the image is transferred to the paper.



## Paper Transportation - IOT Module Transports

### Second Bias Transfer Roll (continued)

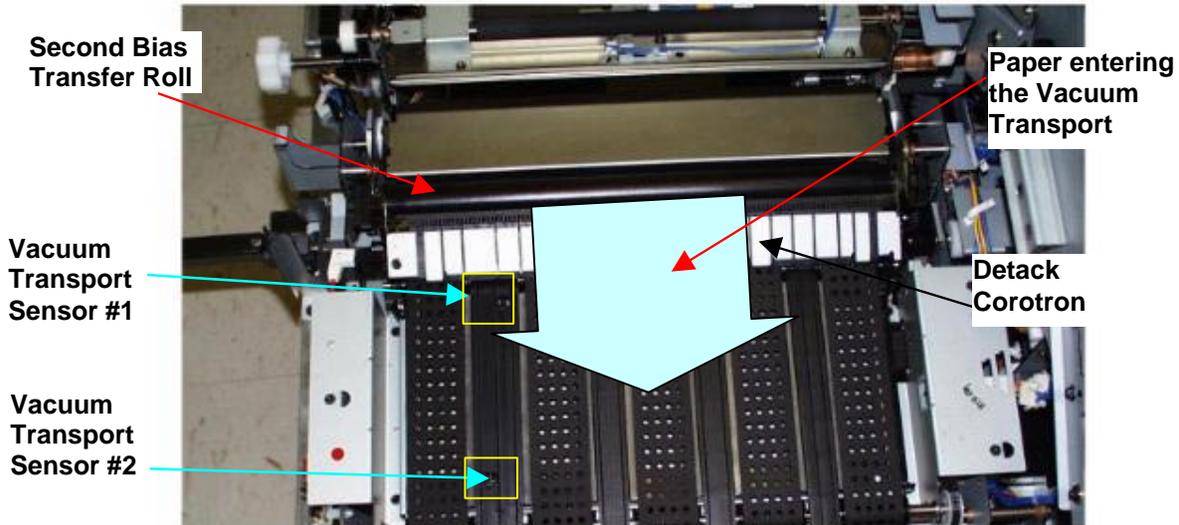
The 2<sup>nd</sup> BTR Drive Motor provides drive to the 2<sup>nd</sup> BTR Roll at 263.894mm/s. A Retract Motor and camming mechanism lifts the 2<sup>nd</sup> BTR Roll up to form a nip with the Belt and Second Bias Transfer Backup Roll. A second BTR Retract Sensor monitors the position of the Second BTR Roll. A cleaning brush under the Second Bias Transfer Roll, also driven by the 2<sup>nd</sup> BTR Drive motor, cleans the 2<sup>nd</sup> BTR Roll.



## Paper Transportation - IOT Module Transports

### Second Bias Transfer Roll (continued)

After the image is transferred to the paper, it leaves the 2<sup>nd</sup> BTR transfer roll and is placed on the first of two Vacuum Transports. A Detack Corotron keeps the paper from sticking to the IBT Belt by neutralizing any remaining charge on the paper. The Detack Corotron is only switched on when the Relative Humidity in the machine is above 50%.



**NOTE:** For more information on image transfer see **IBT Belt To Paper Transfer** in the **IBT Belt Module**.