INTERCHANGE UNIT (Machine Code: G531)

1. OVERALL MACHINE INFORMATION

1.1 SPECIFICATIONS

Paper Size:	Standard sizes A5 SEF to A3 HLT to DLT Non-standard sizes Width: 100 to 305 mm Length: 148 to 432 mm
Paper Weight:	60 g/m ² ~ 105 g/m ² , 16 lb ~ 28 lb
Power Consumption:	15 W
Dimensions (W x D x H):	117 x 447 x 92 mm
Weight:	1.6 kg (4.5 lbs)

1.2 MECHANICAL COMPONENT LAYOUT



- 1. Exit Sensor
- 2. Duplex Junction Gate
- 3. Duplex Unit (Option)
- 4. Exit Junction Gate
- 5. Fusing Unit (Inside the Printer)
- 6. Exit Roller
- 7. Bridge Unit

1.3 DRIVE LAYOUT



G531D103.WMF

- 1. Exit Junction Gate Solenoid
- 2. Exit Sensor
- 3. Duplex Junction Gate Solenoid
- 4. Exit Roller
- 5. Drive Gear

2. DETAILED DESCRIPTION

2.1 JUNCTION GATE MECHANISM



Depending on the selected mode, the papers are directed upward (to the 4-bin mailbox), left, or right (to the duplex unit) by the exit junction gate [A] and the duplex junction gate [B]. These are controlled by the exit junction gate solenoid [C] and the duplex junction gate solenoid [D].

To the Exit Tray or Bridge Unit (for the Upper Tray on top of the Bridge Unit, or the Finisher)

The exit junction gate solenoid stays off and the paper is directed to the copier exit unit [E].

To the 4-bin Mailbox

The exit junction gate solenoid turns on and the duplex junction gate solenoid stays off. The paper is directed to the 4-bin mailbox [F].

To the Duplex Unit

The exit junction gate solenoid and the duplex junction gate solenoid both turn on and the paper is directed to the duplex unit [G].

3. REPLACEMENT AND ADJUSTMENT

3.1 EXIT SENSOR REPLACEMENT



- 1. Remove the interchange unit.
- 2. Remove the upper cover [A] of the interchange unit.
- 3. Remove the exit sensor [B] (1 connector).