

BRIDGE UNIT
(Machine Code: A688/B397)



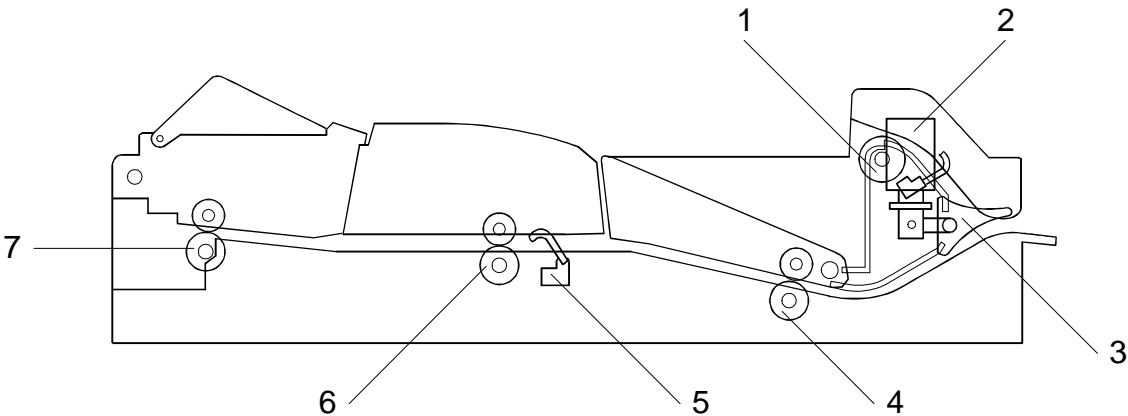
1. OVERALL MACHINE INFORMATION

1.1 SPECIFICATIONS

Paper Size:	Standard sizes A6 lengthwise to A3 HLT to DLT Non-standard sizes Width: 100 to 305 mm Length: 148 to 432 mm
Paper Weight:	52 g/m ² ~ 135 g/m ² , 16 lb ~ 42 lb



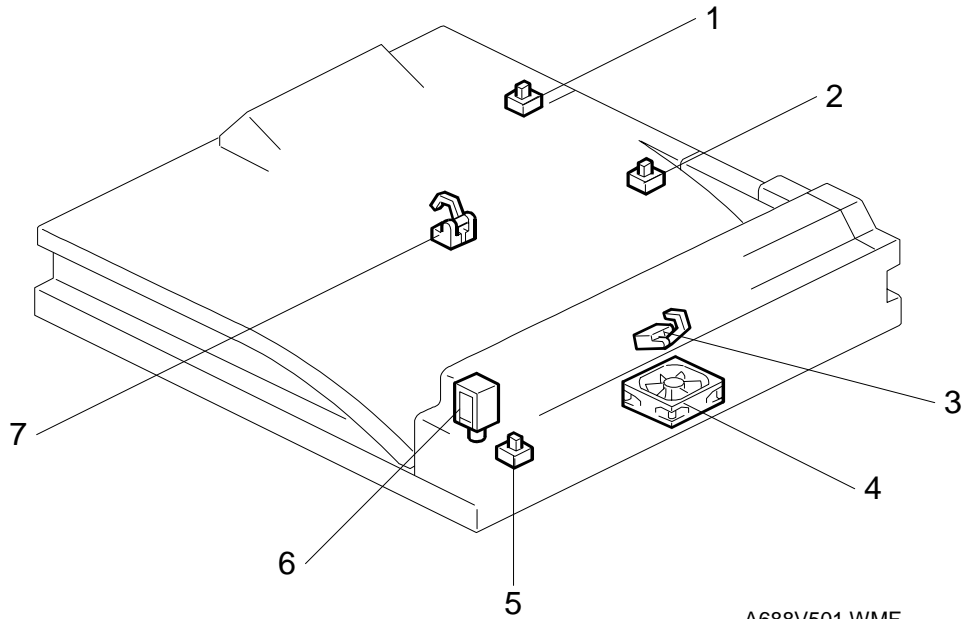
1.2 MECHANICAL COMPONENT LAYOUT



A688V500.WMF

- 1. Upper Exit Roller
- 2. Junction Gate Solenoid
- 3. Junction Gate
- 4. 1st Transport Roller
- 5. Relay Sensor
- 6. 2nd Transport Roller
- 7. Left Exit Roller

1.3 ELECTRICAL COMPONENT LAYOUT



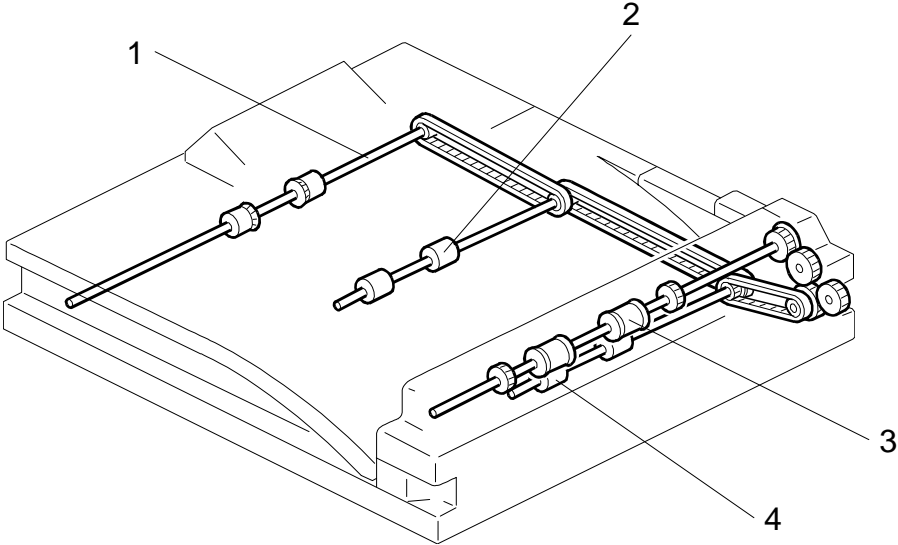
- 1. Left Guide Switch
- 2. Right Guide Switch
- 3. Tray Exit Sensor
- 4. Cooling Fan Motor
- 5. Tray Exit Unit Switch
- 6. Junction Gate Solenoid
- 7. Relay Sensor

1.4 ELECTRICAL COMPONENT DESCRIPTION

Symbol	Name	Function	Index No.
Motors			
M1	Cooling Fan	Cools the transport unit.	4
Sensors			
S1	Tray Exit	Checks for misfeeds.	3
S2	Relay	Checks for misfeeds.	7
Switches			
SW1	Tray Exit Unit	Detects when the tray exit unit is opened.	5
SW2	Right Guide	Detects when the right guide is opened.	2
SW3	Left Guide	Detects when the left guide is opened.	1
Solenoids			
SOL1	Junction Gate	Moves the junction gate to direct the paper to the upper or left tray.	6

Peripherals

1.5 DRIVE LAYOUT

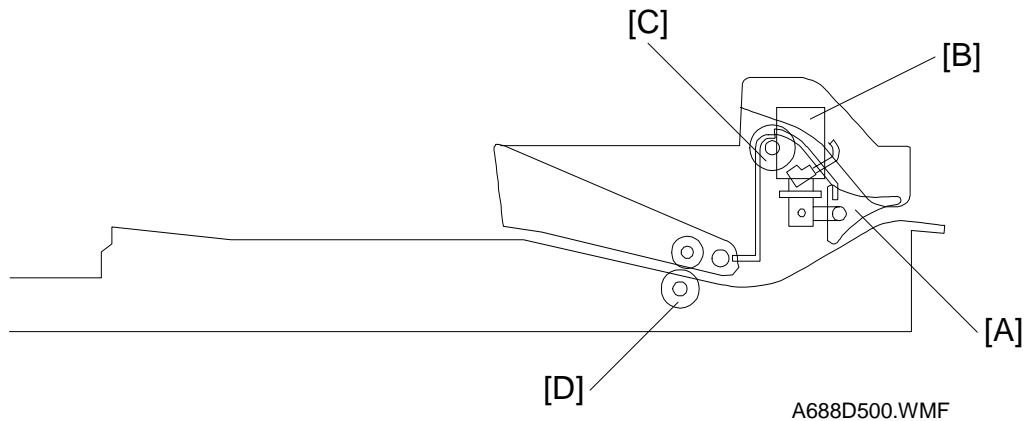


A688V502.WMF

- 1. Left Exit Roller
- 2. 2nd Transport Roller
- 3. Upper Exit Roller
- 4. 1st Transport Roller

2. DETAILED DESCRIPTION

2.1 JUNCTION GATE MECHANISM



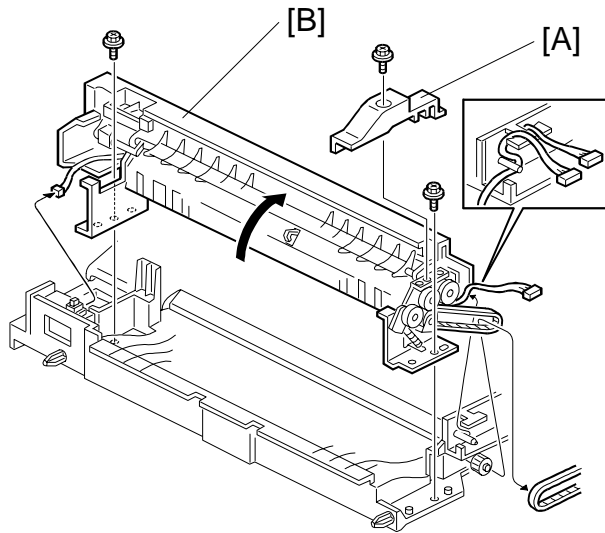
Depending on the selected mode, the copies are directed up or down by the junction gate [A], which is controlled by the junction gate solenoid [B].

When the upper tray is selected, the junction gate solenoid turns on and the paper is sent to the upper tray through the upper exit roller [C].

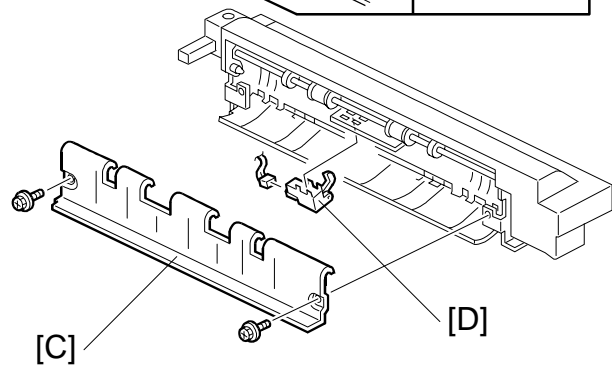
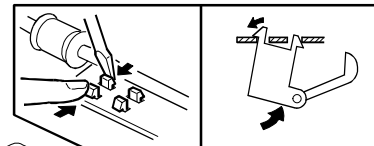
When the left tray or the finisher is selected, the junction gate stays off and the paper is sent to the left tray or the finisher through the transport rollers [D] and the left exit roller.

3. REPLACEMENT AND ADJUSTMENT

3.1 EXIT SENSOR REPLACEMENT



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1. Remove the whole unit from the copier.
2. Remove the rear upper cover [A] (1 screw).
3. Remove the upper cover unit [B] (2 screws, 2 connectors).
4. Remove the exit guide plate [C] (2 screws).
5. Replace the exit sensor [D] (1 connector).