Canon

Service Bulletin

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Model : Cassette Feeding Unit-R1/S1

No.: Acc-134 (FF-T01-A1-000002-01)

DATE: 08.01.99

Location : CASSETTE FEEDING UNIT

Subject : DIFFERENCES BETWEEN CASSETTE FEEDING UNIT-R1/S1 AND CASSETTE FEEDING UNIT-L1/M1

Reason : The Cassette Feeding Unit-R1/S1 scheduled for introduction is based on the Cassette Feeding Unit-L1/M1, with the differences discussed herein.

Details : 1. Major Differences

- To accommodate the increase in the process speed in its host copiers, the pickup PCB, pickup motor, pickup roller down solenoid, and vertical path roller clutch have been modified to increase pickup/feeding speed.
- Each cassette holder is provided with a pickup sensor (retry sensor).
  The pickup sensor is used to detect a delay in the arrival of paper, initiating a pickup retry operation upon detection of a delay.
  In a pickup retry operation, pickup operation is started once again. If a delay is detected for a second time, pickup is stopped, and a Jam indicator (message) is turned on.

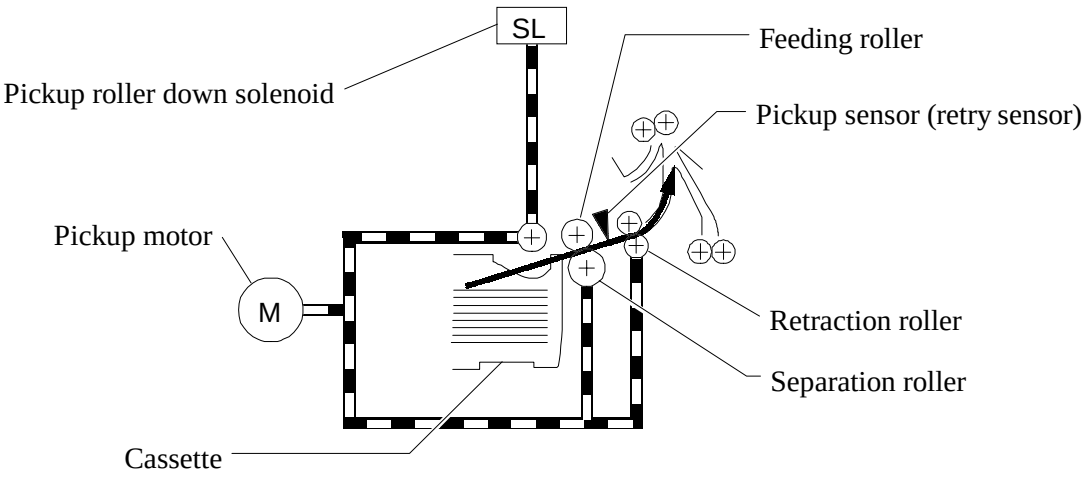


Figure 1

2. Serial Number

Cassette Feeding Unit-R1	F24-8411-700	ZSH00001 and later
Cassette Feeding Unit-S1	F24-8421-700	ZSJ00001 and later

3. Differences in Service Parts

①Table of Comparison (Parts Used in Common by the Cassette Feeding Unit-R1/S1 and the Parts Used in Common by Cassette Feeding Unit-L1/M1)

FIGURE & KEY No.	L1/M1	R1/S1	Q'ty	Description	Remarks
	Part number	Part number			
Z11-37		FB4-3798-000	1	GUIDE, PLATE	
Z11-12	FF3-1316-000	FF3-3137-000	1	CABLE, CASETTE SIZE	
Z20	FG5-6765-000	FG6-0764-000	1	MAIN DRIVE ASSEMBLY	
Z20-2	FB3-4139-000	FB4-3799-000	1	MOUNT, MOTOR	
Z20-3	FH6-1271-000	FH6-1523-000	1	MOTOR, DC24V	
Z40-	FG5-6766-000	FG6-0765-000	1	PAPER PICK-UP ASSEMBLY	
Z40-1	FB3-2844-000	FB4-2816-000	1	COVER FRAME	
Z40A-12		FB4-2817-000	2	MOUNT SENSOR	
Z40A-21		FF3-2974-000	1	CABLE, UPPER RETRY SENSOR	
Z40A-22		FF3-2975-000	1	CABLE, LOWER RETRY SENSOR	
Z91-	FG5-7585-000	FG6-0767-000	1	PAPER PICK-UP PCB ASSEMBLY	
Z91	VD5-0221-001	VD7-0792-000	1	FUSE:47302.5	
Z40-7	FH6-1248-000	FH6-1477-000	1	MOTOR, STEPPING	
Z40-8	FH7-5636-000	FH7-5770-000	1	CLUCH, ELECTROMAGNETIC	
Z40-9	FH7-5639-000	FH7-5772-000	1	SOLENOID, DC24V	
Z40A-30		FH7-7394-000	1	IC, TLP1251 (C5)	
Z40-10	FS5-3453-000	FS5-3619-000	1	GEAR PULLEY, 28T/50T	
Z40-11	FS5-3454-000	FS5-3620-000	1	GEAR PULLEY, 32T/40T	
Z40-14	FS6-0566-000	FS7-0103-000	1	GEAR, 35T	
Z40-15	FS6-0567-000	FS7-0104-000	1	GEAR, 24T	
Z40-16	FS6-7568-000	FS7-0105-000	1	GEAR, 35T	
Z92-	FG5-7586-000	FG5-0769-000	1	INTERFACE CABLE	

②Differences between Cassette Feeding Unit-R1 and Cassette Feeding Unit-L1

FIGURE & KEY No.	L1 Part number	R1 Part number	Q'ty	Description	Remarks
Z35		FG5-6768-000	1	VERTICAL PATH ASSEMBLY, LOWER	
Z35-2		FB3-4129-000	1	PLATE, GUIDE	
Z35-3		FB3-4130-000	1	ROLLER, ATTACHMENT	
Z35-4		FB3-4131-000	1	HOLDER, GUIDE	
Z35-5		FF5-4908-000	1	BOX, GEAR	

③Differences between Cassette Feeding Unit-S1 and Cassette Feeding Unit-M1

FIGURE & KEY No.	M1 Part number	S1 Part number	Q'ty	Description	Remarks
Z11-39		FB3-4174-000	1	COVER, RIGHT, INNER	
Z11-41		FS5-1589-000	1	BUSHING	

4. Points to Note for Servicing Work

①Service Manual

See the Service Manual for the Cassette Feeding Unit-L1/M1 (FY8-13EC-000).
However, for the consumables and durables, see the table that follows.
The parts shown in the table may require replacement once or more over the period of warranty because of deterioration or damage. Replace them when they fail by referring to their estimated lives.

No.	Description	Part number	Q'ty	Estimated life (copies)	Remarks
1	PICKUP ROLLER	FS5-1589-000	1	120,000	Actual copies made
2	FEEDING ROLLER	FB3-4174-000	1	120,000	Actual copies made
3	SEPARATION ROLLER	FB3-4174-000	1	120,000	Actual copies made

Note: The number in parentheses represent the Cassette Feeding Unit-S1.

②Parts Catalog

See the Parts Catalog for the Cassette Feeding Unit-L1/M1/R1/S1 (FY8-31CK-010).