
Model: iR2200/2800/3300

Ref. No. : FF-T01-L5-000007-01

Date : November 12, 2001

© Canon (UK) Limited

Location: Main Drive Assembly

Subject: Making a Change to the Method of Setting up a Service Part Account and Points to Note for Handling

Reason: A decision has been made to improve the way a service part account is set up, and this bulletin is prepared to direct attention to points to note when mounting the developing clutch of the main drive assembly.

Detail:

1. New Division in a Service Part Account

- The iR2200/2800/3300 Parts Catalog (FY8-31FC-000) will be updated so that FIGURE 250 is edited as shown on attached pages.

No part other than indicated as service parts must be disassembled in the field.

2. Removing the Developing Clutch

- 1) Remove the main drive assembly.
- 2) Disconnect the connector (J3083) [1].

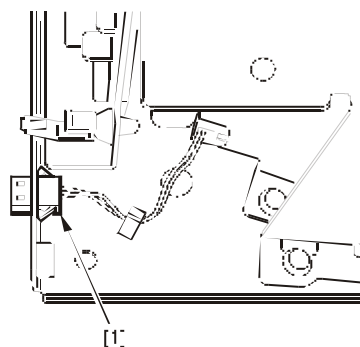


Figure 1

3) Remove the E-ring [1], and detach the gear [2] and the spring [3].

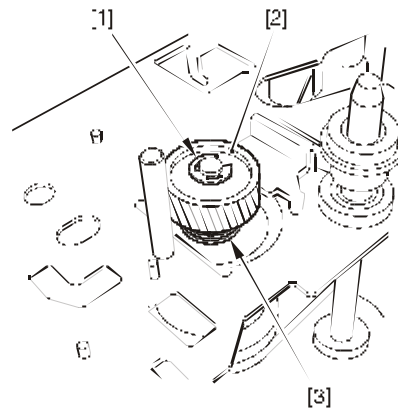


Figure 2

4) Remove the E-ring [1] by using radio pliers.

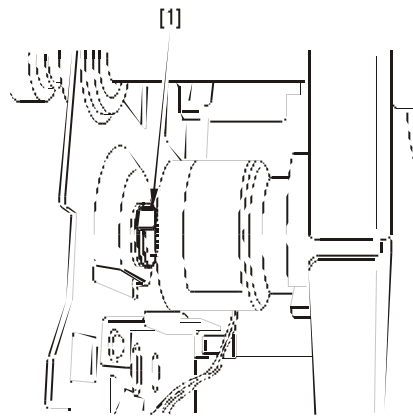


Figure 3

5) Loosen the 2 screws [1] used to secure the collar in place.

6) Pull out the clutch shaft [2] in the direction of the arrow, and detach the developing clutch [3].

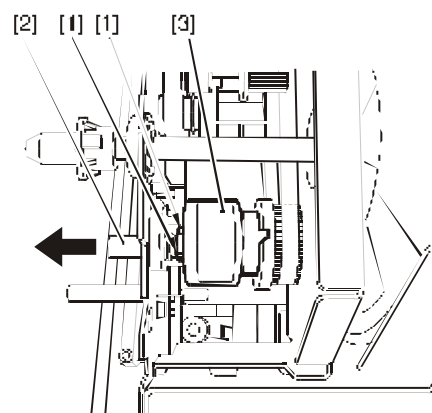


Figure 4

3. Point to Note When Mounting the Developing Clutch

Make sure that the gap [A] between the developing clutch [1] and the pulley [2] is 1 mm or less. (Keep in mind, however, that the gap must NOT be 0 mm.)

While forcing the clutch in the direction of the arrow, tighten the screw [3] on the collar.

If the gap is not appropriate, abnormal noise may occur or the clutch may suffer a shortened life.

Reference

An E-ring cited for $\phi 8$ or $\phi 6$ is about 0.9 mm in thickness. Use it to serve as a reference.

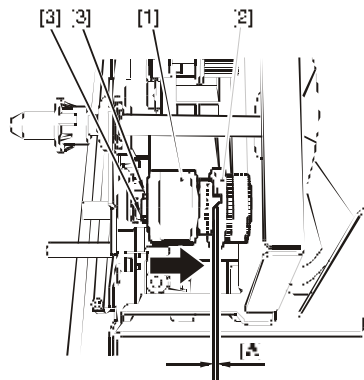


Figure 5

FIGURE 250 MAIN DRIVE ASSEMBLY

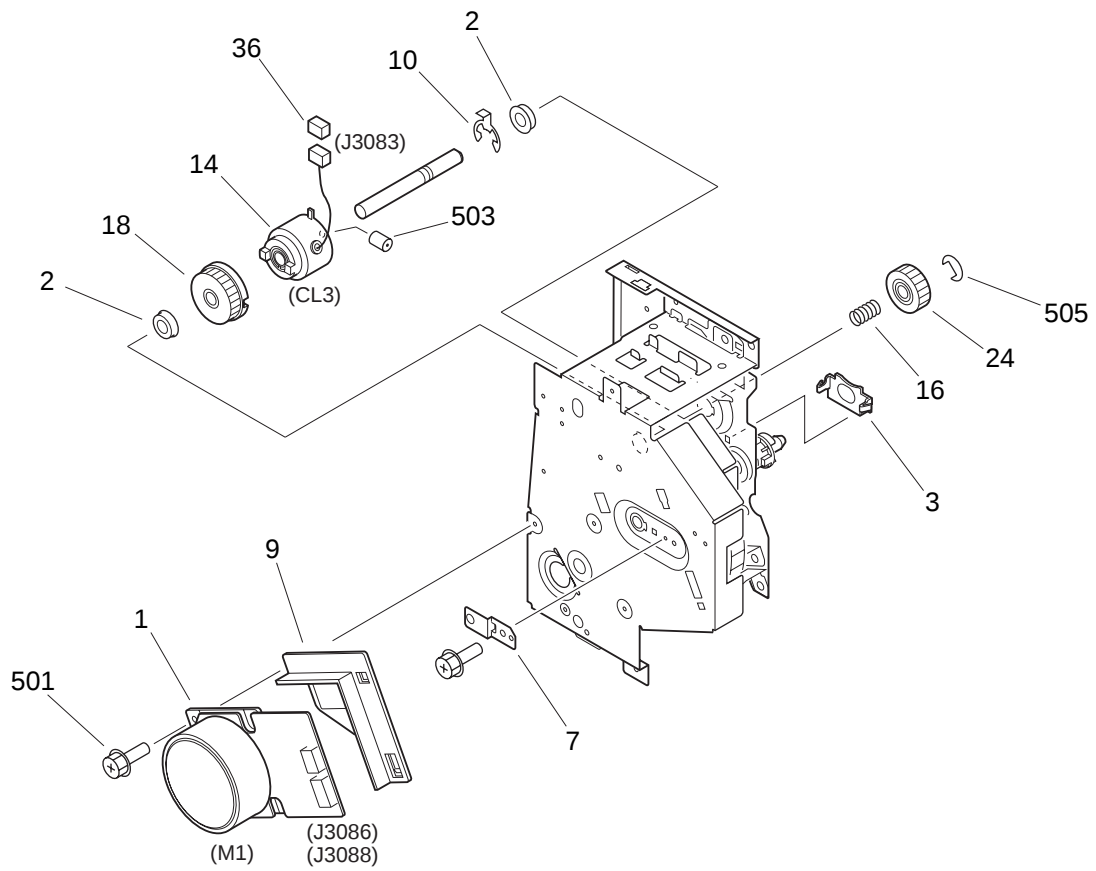


FIGURE & KEY NO.	PART NUMBER	R A N K	Q' T Y	DESCRIPTION	SERIAL NUMBER / REMARKS
250 -	FG6-5727-000		1	MAIN DRIVE ASSEMBLY	
1	FH6-1845-000		1	MOTOR, DC BRUSHLESS	M1 J3086,3088
2	FA9-2112-000		2	BUSHING	
3	FB3-2576-000		1	SUPPORT, SLEEVE	
7	FB5-5036-000		1	PLATE, GROUNDING	
9	FB5-5038-000		1	SHIELD, MOTOR	
10	FB5-5039-000		1	RING, E	
14	FH6-5007-000		1	CLUTCH, ELECTRO MAGNETIC	CL3 J3083
16	FS5-2312-000		1	SPRING, COMPRESSION	
18	FS5-3815-000		1	PULLEY, 51T	
24	FS6-0536-000		1	GEAR, 27T	
36	VS1-5057-002		1	CONNECTOR, SNAP TIGHT	J3083
501	XB6-7300-609		4	SCREW,TP,M3X6	
503	XB6-2300-409		2	SETSCERW,M3X4	
505	XD2-1100-502		1	RING,E	

Differences in Service Parts

	FIG & KEY	iR2200/2800/3300 NEW PART NUMBER	iR2200/2800/3300 OLD PART NUMBER	Q'TY	DESCRIPTION	REMARKS
1	250 - 2	FA9-2112-000	-	2<-3	BUSHING	
2	250 - 4	-	FB5-5031-000	0<-1	FLANGE, BELT, 1	
3	250 - 5	-	FB5-5032-000	0<-2	FLANGE, BELT, 2	
4	250 - 6	-	FB5-5035-000	0<-2	RUBBER, NOISE PREVENTION	
5	250 - 8	-	FB5-5037-000	0<-2	FLANGE, BELT, 4	
6	250 - 11	-	FB5-5050-000	0<-1	COUPLING, DRUM	
7	250 - 12	-	FF6-0181-000	0<-1	ARM, REGISTRATION TENSION	
8	250 - 13	-	FF6-0182-000	0<-2	ARM, TENSION	
9	250 - 15	-	FS5-2310-000	0<-1	SPRING, COMPRESSION	
10	250 - 17	-	FS5-3814-000	0<-1	PULLEY, 19T/38T	
11	250 - 19	-	FS5-3816-000	0<-1	PULLEY, 23T/52T	
12	250 - 20	-	FS5-3817-000	0<-1	PULLEY, 20T/23T	
13	250 - 21	-	FS5-3818-000	0<-2	PULLEY, 20T	
14	250 - 22	-	FS5-3819-000	0<-1	PULLEY, 26T	
15	250 - 23	-	FS5-3825-000	0<-1	PULLEY, 33T	
16	250 - 25	-	FS7-0758-000	0<-1	GEAR, 14T	
17	250 - 26	-	FS7-0710-000	0<-1	GEAR, 241T	
18	250 - 27	-	FS7-0711-000	0<-1	GEAR, 78T	
19	250 - 28	-	FS7-0712-000	0<-1	GEAR, 18T	
20	250 - 29	-	FS7-0713-000	0<-1	GEAR, 23T	
21	250 - 30	-	FS7-0714-000	0<-1	GEAR, 19T	
22	250 - 31	-	FS7-0715-000	0<-1	GEAR, 23T	
23	250 - 32	-	FS7-2376-000	0<-1	SPRING, TENSION	
24	250 - 33	-	FS7-2377-000	0<-1	SPRING, TENSION	
25	250 - 34	-	FS7-2378-000	0<-1	SPRING, TENSION	
26	250 - 35	-	FS7-2379-000	0<-1	SPRING, COMPRESSION	
27	250 - 37	-	XF2-3112-080	0<-1	BELT, DRIVE	
28	250 - 38	-	XF2-3115-460	0<-1	BELT, DRIVE	
29	250 - 39	-	XF2-3121-460	0<-1	BELT, DRIVE	
30	250 - 40	-	XG9-0208-000	0<-1	BEARING, BALL	

Differences in Service Parts

	FIG & KEY	iR2200/2800/3300 NEW PART NUMBER	iR2200/2800/3300 OLD PART NUMBER	Q'TY	DESCRIPTION	REMARKS
31	250 - 41	-	XG9-0250-000	0<-2	BEARING, BALL	
32	250 - 502	-	XB3-6300-609	0<-9	SCREW,RS,M3X6	
33	250 - 504	-	XD2-1100-322	0<-1	RING,E	
34	250 - 505	XD2-1100-502	-	1<-7	RING,E	
35	250 - 506	-	XD2-1100-642	0<-9	RING,E	
36	250 - 507	-	XD3-2200-182	0<-2	PIN,DOWEL	
37	250 - 508	-	XD3-2250-142	0<-3	PIN,DOWEL	
38	250 - 509	-	XD1-1106-222	0<-1	SHIM	