

Model: GP605 Series

Ref. No. : FF-T01-K1-000072-UK1

Date : December 18, 2000

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Location: Primary Corona Assembly, Pre-Transfer Corona Assembly, Transfer / Separate Corona Assembly

Subject: Changing Corona Wire for the Purpose of Better Maintenance

Reason: The corona wire for the NP6750 series was changed to prevent dirt on the wire (FF-T01-H2-000036). Because of this change, existing corona wires will be consolidated into the same one for the NP6750 series in order to enhance the field maintenance. Therefore, the GP605 series are to adopt it alike. for preventing dirt on the corona wire like the NP6750.

Details: <Measures>
 Along with the corona wire change, a cleaner with a reinforced polishing pad will be adopted for improving the cleaning of the corona wire.

Servicing Work:

In order to stabilize a surface layer of the new-type corona wire, **be sure to perform wire cleaning 5 times** from the user mode after replacement of the corona wire from new type to old type.

The followings are precautions upon replacement of the parts described above.

- 1) Be sure to use only below combinations of the corona wire and the cleaner.

Corona Wire	Primary Corona Ass'y	Pre-transfer Corona Ass'y	Transfer Corona Wire	Separation Corona Ass'y
Before Measure	Gold-Plated Wire + Old Cleaning Pad	Gold-Plated Wire + Old Cleaning Pad	Gold-Plated Wire + Reinforced Polishing Pad	Gold-Plated Wire + Reinforced Polishing Pad
After Measure	New Corona Wire + Reinforced Polishing Pad	New Corona Wire + Reinforced Polishing Pad	New Corona Wire + Reinforced Polishing Pad	New Corona Wire + Reinforced Polishing Pad

Especially on the primary corona assembly, be careful not to use the new-type cleaner with the reinforced polishing pad and the old-type gold-plated corona wire together because uneven image can occur due to gold plated on the wire peeling off.

2) The methods to identify between the old and the new corona wire, cleaner and guide pin are as follows.

• Corona Wire

	New Part	Old Part
Color of Corona Wire	Brown	Gold
Background Color for Label	Blue	White

• Cleaner (Primary / Pre-transfer Corona Assembly)

	New Part	Old Part
Color of Felt Folder	Blue	Creamy White

• Guide Pin

	New Part	Old Part
Width of Pin Assembly Plate	9mm	6mm

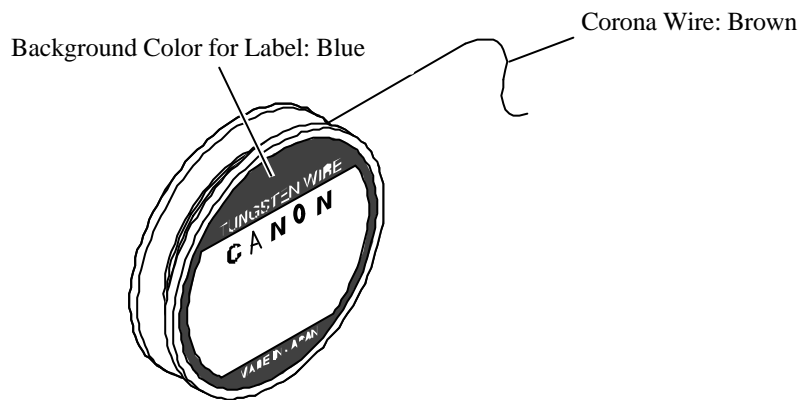


Fig.1 New Type of Corona Wire

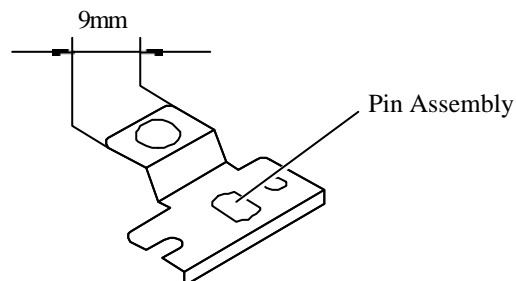


Fig.2 New Type of Guide Pin

Service Parts :

No.	Description		Part number	Q'ty	Stock	Inter-change-ability	PC --- --- --- Stock date
1	Old	WIRE, CORONA, 0.06MM (20M)	FY1-0040-000	AR	F		550-
	New	WIRE, CORONA, 0.06MM (20M)	FB4-3687-000	AR	F		In stock
2	Old	GUIDE, PIN	FF5-2975-000	2→0	F		550-,580-
	New	GUIDE, PIN	FF5-6885-000	0→2	F		In stock
3	Old	BLOCK, CLEANING	FF2-3551-000	2→0	F		550-,580-
	New	BLOCK, WIRE CLEANING PAD	FF5-6883-000	0→2	F		In stock
4	Old	HOLDER, FELT	FF2-3552-000	3→0	F		550-,580-
	New	BLOCK, WIRE CLEANING PAD	FF5-6884-000	0→3	F		In stock
5	Old	HOLDER, FELT	FF5-3090-000	1→0	F		580-
	New	HOLDER, FELT	FF5-9552-000	0→1	D		In stock
6	Old	PRIMARY CORONA ASSEMBLY	FG6-2015-000	1→0	C		550-
	New	PRIMARY CORONA ASSEMBLY	FG6-7313-000	0→1	D		In stock
7	Old	PRE-TRANSFER CORONA ASSEMBLY	FG6-2016-000	1→0	C		570-
	New	PRE-TRANSFER CORONA ASSEMBLY	FG6-2016-030	0→1	D		
8	Old	TRANSFER/SEPARATE CORONA	FG6-2045-000	1→0	C		580-
	New	TRANSFER/SEPARATE CORONA	FG6-2045-030	0→1	D		In stock
9	Old	TRANSFER/SEPARATE CORONA	FG6-4379-000	1→0	C		580-
	New	TRANSFER/SEPARATE CORONA	FG6-4379-030	0→1	D		In stock

* 1: Replace four items at the same time.

* 2: Replace two items at the same time.

Before Change

		Gold-Plated Wire (FY3-0030-000)		
		Unit Number	Pad Number	Pad Material
Primary Corona Assembly		FG6-2015-000	FF2-3552-000	Non-Polishing
Pre-transfer Corona Assembly		FG6-2016-000	FF5-3090-000	Non-Polishing
Transfer /Separation Corona Assembly	Transfer	FG6-2045-000 (100/120V)	FF5-6883-000	Reinforced Polishing
	Separation	FG6-4379-000 (220/240V)	FF5-6884-000	Reinforced Polishing
			FB5-3110-000	Reinforced Polishing

After Change

		New Type of Corona Wire (FB4-3687-000)		
		Unit Number	Pad Number	Pad Material
		FG6-7313-000	FF5-6884-000	Reinforced Polishing
		FG6-2016-030	FF5-9552-000	Reinforced Polishing
		FG6-2045-030	FF5-6883-000	Reinforced Polishing
		FG6-4379-030	FF5-6884-000	Reinforced Polishing
			FB5-3110-000	Reinforced Polishing

In regard to the primary corona assembly, the guide pin and the slider are also changed.

Affected Machines:

Change of Primary Corona Assembly

iR550	UL	F13-5638	NNT21128 and later
iR60	UL	F13-5633	NQF00131 and later
iR600	UL	F13-5631	NLE18090 and later
General		F13-5641	PLP00799 and later
CA		F13-5661	RLE00553 and later

Change of Transfer/Separation Corona Assembly

iR550	UL	F13-5638	NNT20788 and later
iR60	UL	F13-5633	NQF00121 and later
iR600	UL	F13-5631	NLE16848 and later

To be communicated as soon as the information as to the pre-transfer corona assembly is made available.