

# iPF610

# SERVICE MANUAL



# Canon

## DU7-1243-000

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
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## 4.1 Service Parts

### 4.1.1 Service Parts

The service parts indicated below require careful handling.

**1. Keep all packages with the warning not to turn over.**

Pay careful attention to all individually packaged service part (carriage unit, purge unit, ink tank unit, and ( parts) boxes marked "This side up" and handle appropriately.



F-4-1

## .2 Disassembly/Reassembly

### .2.1 Disassembly/Reassembly

For the procedure for disassembly/reassembly of the components excluding the major components, refer to the parts catalog. Illustrations in the parts catalog are assigned illustration numbers according to the order in which parts are assembled.

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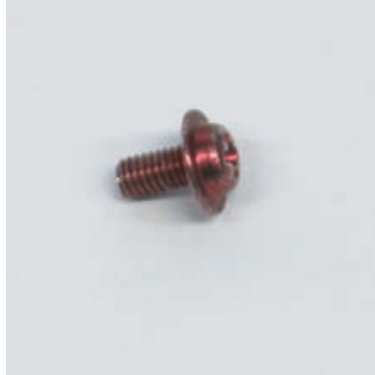
## Points to Note on Disassembly and Reassembly

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1 Note on locations prohibited from disassembly

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Assemblies that are prohibited from disassembly and their adjustment outside the factory cannot be conducted. These assemblies are indicated by red screws. Do not loosen or remove the red screw, because normal operation and print can't be done if it is loosened or removed.



F-4-2

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### 4.3.2 Moving the carriage manually

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Move the carriage as required during disassembly/reassembly to prevent the carriage from contacting the parts to be removed.

The carriage does not move when capped. When uncapping moving the carriage, refer to the procedures in DISASSEMBLY/REASSEMBLY>Points to Note on Disassembly and Reassembly>Opening the Cap/Moving the Wiper Unit.

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# Chapter 6 TROUBLESHOOTING

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## 6.1 Troubleshooting

### 6.1.1 Outline

#### 6.1.1.1 Outline of Troubleshooting

##### **Outline**

Problems subject to troubleshooting are classified into those shown on the display (warning, error, and service call) and those not shown on the display.

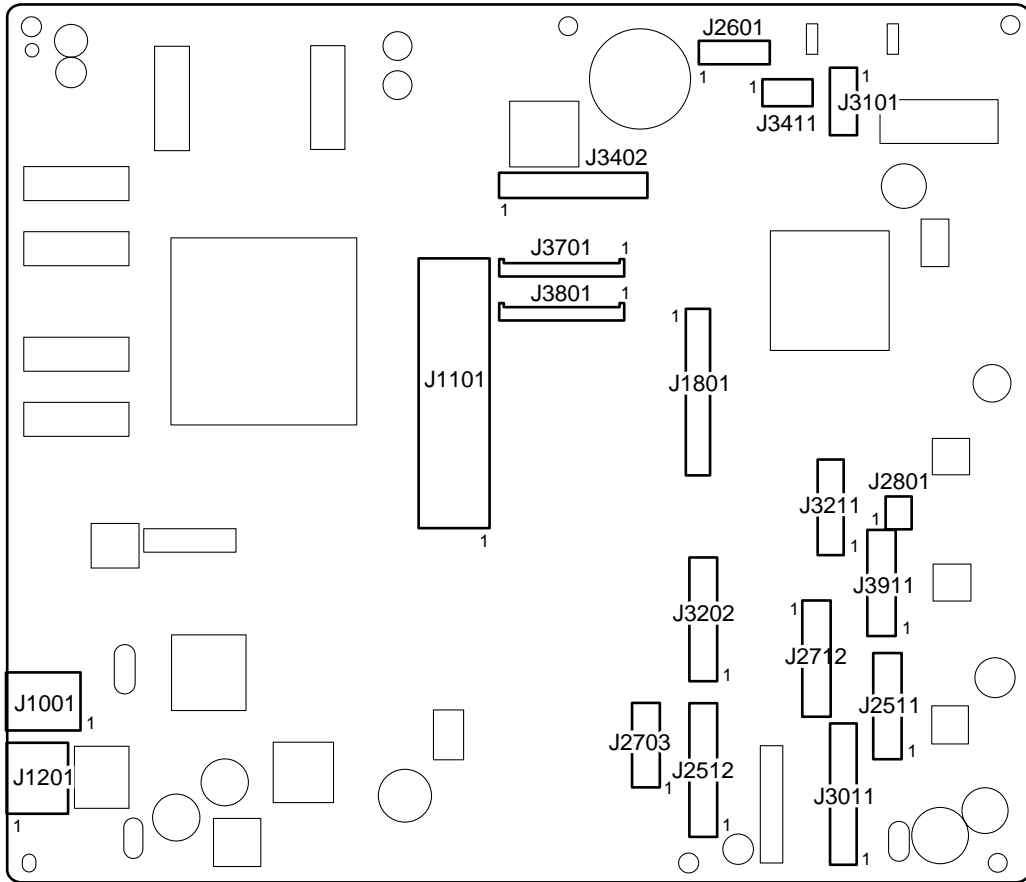
##### **Precautions for Troubleshooting**

- 1) Check the environmental conditions and the media used for printing.
- 2) Before performing troubleshooting, make sure that all connectors and cables are connected properly.
- 3) When servicing the printer with the external cover removed and the AC power supplied, be extremely careful to avoid electric shock and shorting electrical devices.
- 4) In the following sections, the troubleshooting steps are described such that the component related to the most probable cause of the problem will be repaired or replaced first, being followed by components with less problem probability. If multiple components have the same problem probability, the steps are described beginning with the easiest one.  
After performing each step, check to see if the problem has been resolved by making test prints. If the problem persists, proceed to the next step.
- 5) After completion of the troubleshooting, check that all connectors and cables have been reconnected and screws have been tightened firmly.
- 6) Whenever you have performed replacement or repair services, make test prints to check whether the problem has been resolved.



## Location of Connectors and Pin Arrangement

### 1 Main controller PCB



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T-6-1

<b>J1001</b>			
<b>Pin Number</b>	<b>Signal name</b>	<b>IN/OUT</b>	<b>Function</b>
1	VBUS	IN	USB VBUS (+5V)
2	D-	IN/OUT	USB data (-)
3	D+	IN/OUT	USB data (+)
4	GND	-	USB GND
5	GND	-	GND (Connector shell)
6	GND	-	GND (Connector shell)

T-6-2

<b>J1001</b>			
<b>Pin Number</b>	<b>Signal name</b>	<b>IN/OUT</b>	<b>Function</b>
1	GND	-	GND

# iPF610/600

## PARTS CATALOG



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# Canon

## DU7-3164-010

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## PREFACE

This Parts Catalog contains listings of parts used

Diagrams are provided with the listings to aid the service technician in identifying clearly, the item to be ordered.

Whenever ordering parts, consult this Parts Catalog for all of the information pertaining to each item. Be sure to include, in the Parts Request, the full item description, the item part number, and the quantity.

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