

**Vacuum Feed  
Banner Sheet Tray Type S3  
Machine Code: D777-02**

**Field Service Manual**

November, 2014








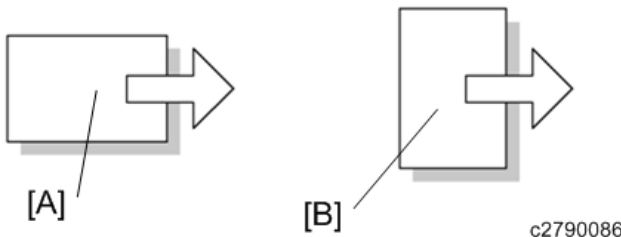
# Safety, Conventions, Trademarks

## Conventions

### Common Terms

This is a list of symbols and abbreviations used in this manual.

Symbol	What it means
	Screw
	Connector
	E-ring
	Clip ring
	Harness clamp
FFC	Flexible Film Cable
JG	Junction Gate
LE	Leading Edge of paper
LEF	Long Edge Feed
SEF	Short Edge Feed
TE	Trailing Edge of paper



[A] Short Edge Feed (SEF)

[B] Long Edge Feed (LEF)

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## Warnings, Cautions, Notes

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In this manual, the following important symbols and notations are used.

### **WARNING**

- A Warning indicates a potentially hazardous situation. Failure to obey a Warning could result in death or serious injury.

### **CAUTION**

- A Caution indicates a potentially hazardous situation. Failure to obey a Caution could result in minor or moderate injury or damage to the machine or other property.

### **Important**

- Obey these guidelines to avoid problems such as misfeeds, damage to originals, loss of valuable data and to prevent damage to the machine.

### **Note**

- This information provides tips and advice about how to best service the machine.

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## Responsibilities of the Customer Engineer

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### Reference Material for Maintenance

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- Maintenance shall be done using the special tools and procedures prescribed for maintenance of the machine described in the reference materials (service manuals, technical bulletins, operating instructions, and safety guidelines for customer engineers).
- Use only consumable supplies and replacement parts designed for use of the machine.

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## The Aim of Anti-tip Components and Precautions

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The anti-tip components are necessary for meeting the requirements of IEC60950-1, the international standard for safety.

The aim of these components is to prevent the products, which are heavy in weight, from toppling as a result of people running into or leaning onto the products, which can lead to serious accidents such as persons becoming trapped under the product. (U.S.: UL60950-1, Europe: EN60950-1)

Therefore, removal of such components must always be with the consent of the customer.

Do not remove them at your own judgment.

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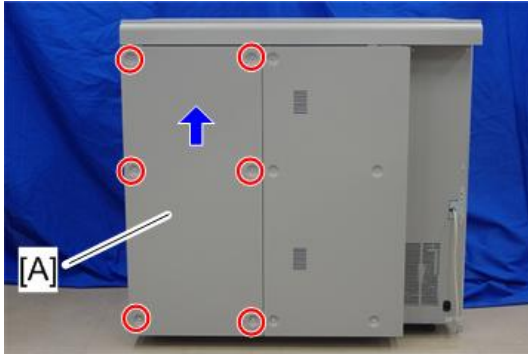


# 1. Replacement and Adjustment

## Detaching the Vacuum Feed Banner Sheet Tray

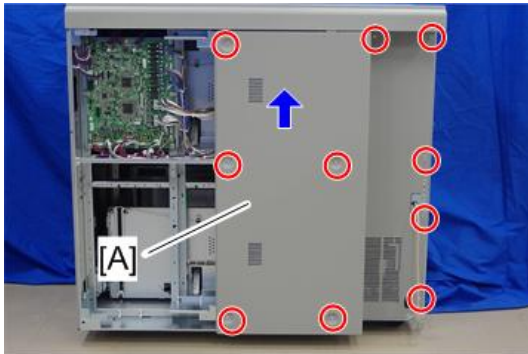
1

1. Lift the rear right cover [A] of the vacuum feed LCIT and remove it (🔧 x6).



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2. Lift the rear left cover [A] of the vacuum feed LCIT and remove it (🔧 x10).



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3. Open the front door of the vacuum feed LCIT and unlock the upper tray (🔧 x1).

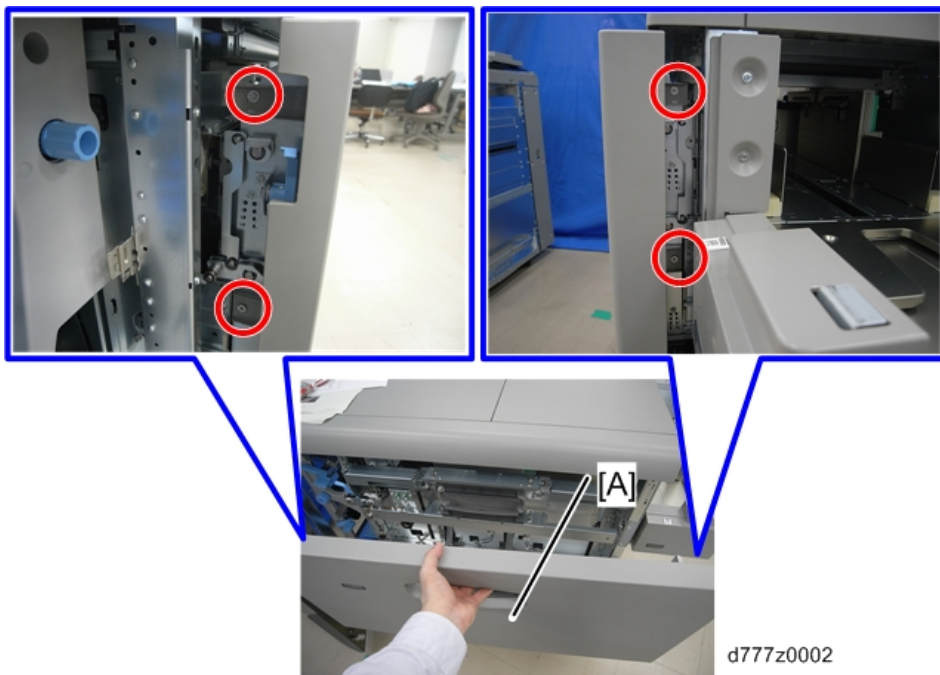


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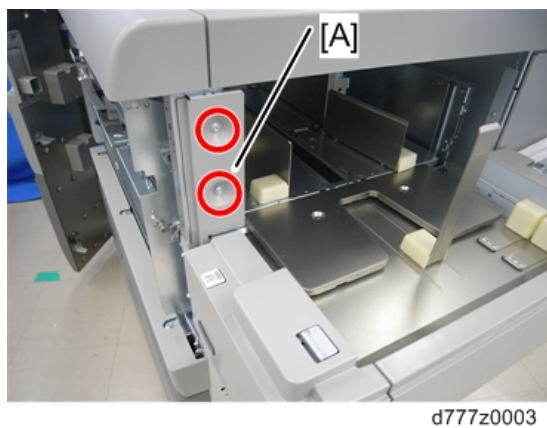
4. Pull out the upper tray a little and remove the upper tray front cover [A] (⌀ x4 Lower red circle: shoulder screw).

**⚠ CAUTION**

- Do not pull out the tray too much, because the extension bottom plate of the vacuum feed banner sheet tray comes in contact with the frame of the vacuum feed LCIT and might damage it. Pull the tray out until the screws circled in red in the photo below become visible.

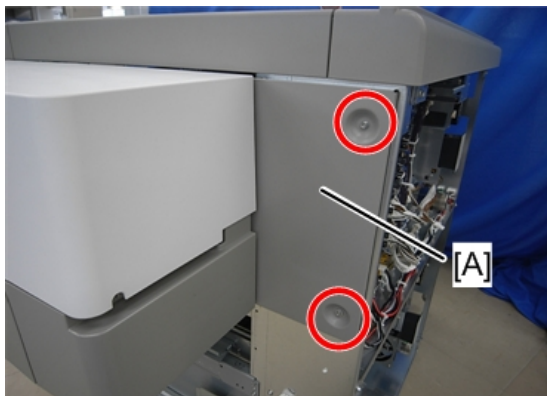


5. Front cover [A] (⌀ x2)



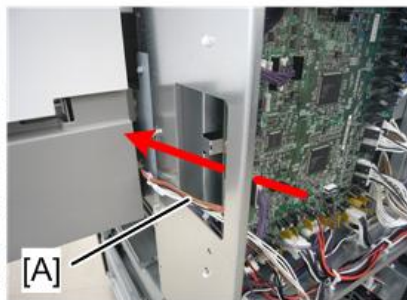
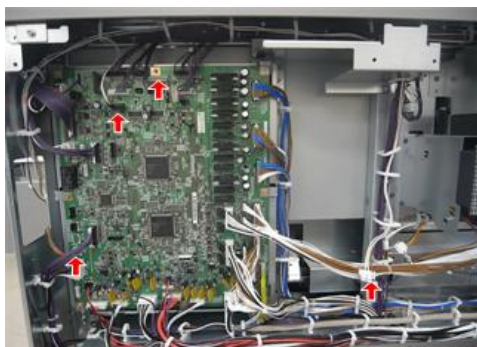


6. Rear cover [A] (⚙️ x2)



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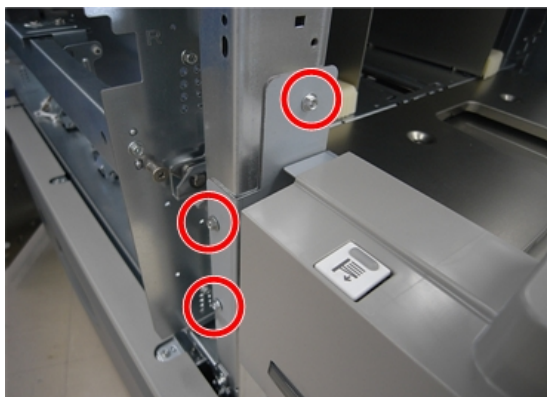
7. Free the harnesses [A] of the vacuum feed banner sheet tray and pull them through the hole (📦 x4, 🛠️ x12).



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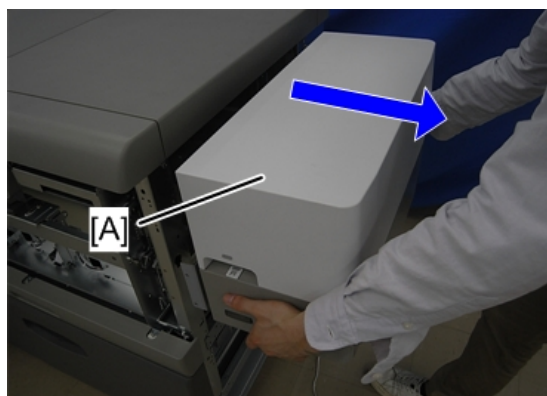
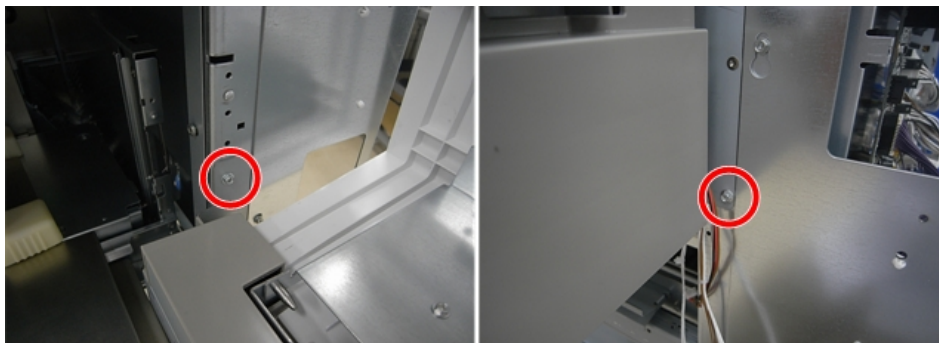
8. Detach the Vacuum Feed Banner Sheet Tray [A] (⚙️ x5).

Front side



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## Rear side

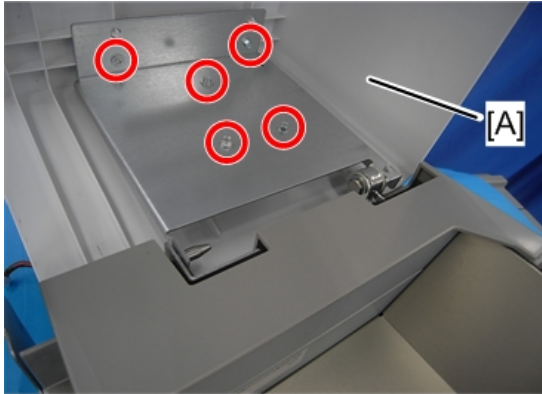


# Exterior Covers

## Top Cover

1

1. Open the top cover.
2. Top cover [A] (⚙️ x5)



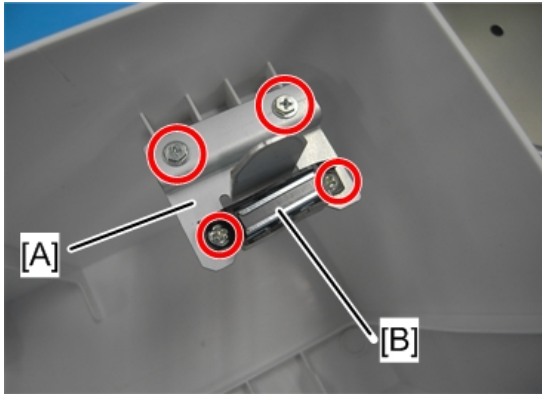
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3. Bracket [A] (⚙️ x1)



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4. Remove the bracket [A] and magnet [B] from the back side of the top cover (🔧 x1).

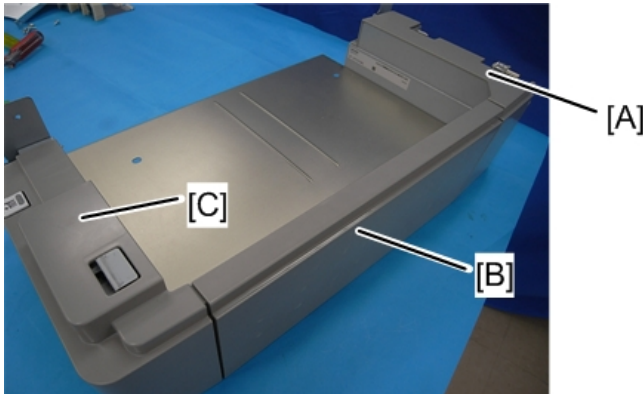


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## Rear Cover, Center Cover, Front Cover

### Note

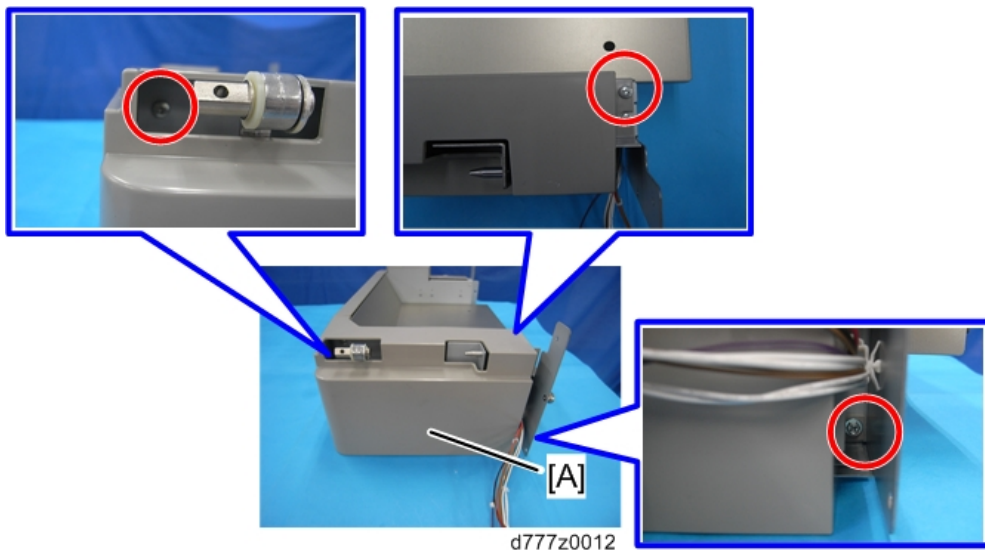
- The following covers can be removed only in the following order.  
Rear cover [A] → Center cover [B] → Front cover [C]



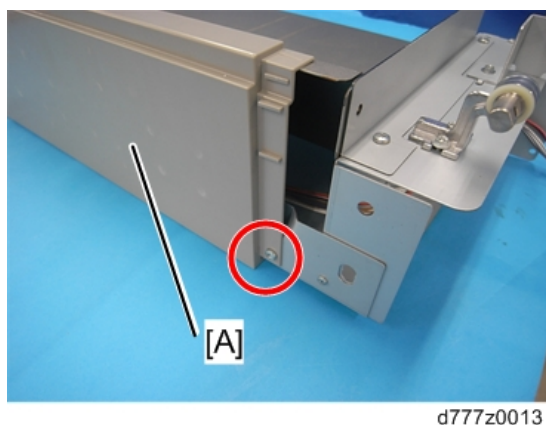
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1. Top cover (page 9 "Top Cover")

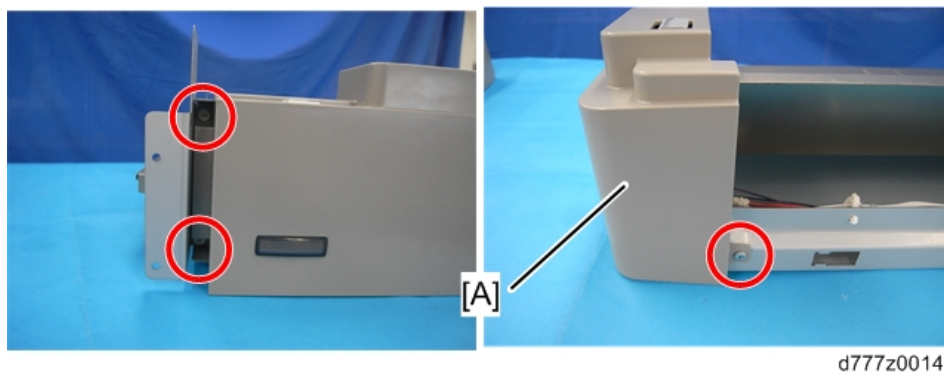
## 2. Rear cover [A] (⌀ x3)



## 3. Center cover [A] (⌀ x1)



## 4. Front cover [A] (⌀ x3)

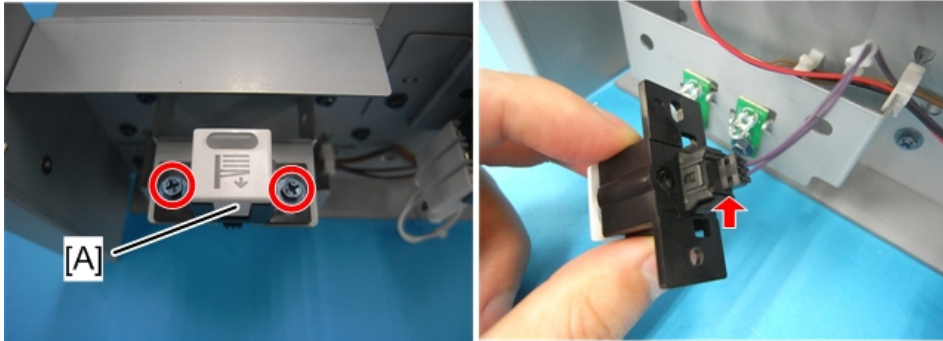


## Electrical Parts

1

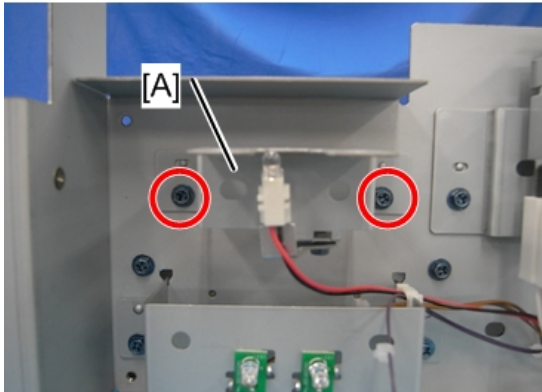
### Banner Sheet Tray Lift Switch, Banner Sheet Tray Lift Switch LED

1. Remove all the covers (page 10 "Rear Cover, Center Cover, Front Cover").
2. Banner sheet tray lift switch [A] (🔩 x2, 📦 x1)



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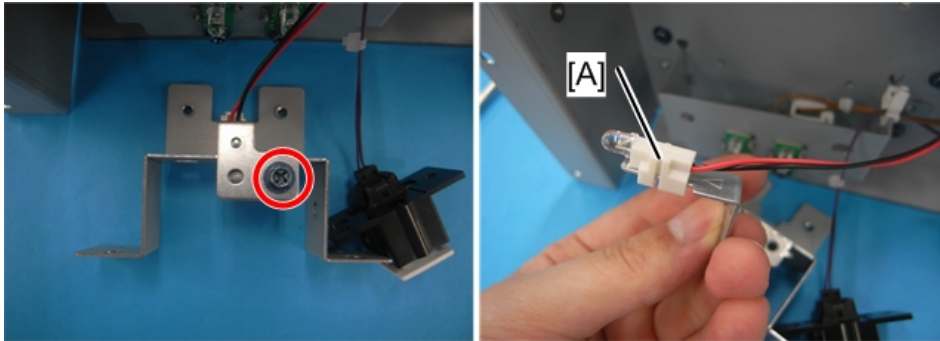
3. Bracket [A] (🔩 x2, 📦 x1)



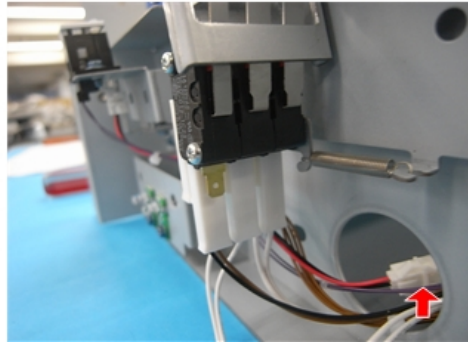
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#### 4. Banner sheet tray lift switch LED [A] (⚙️ x1, 📦 x1, all 🛠️)

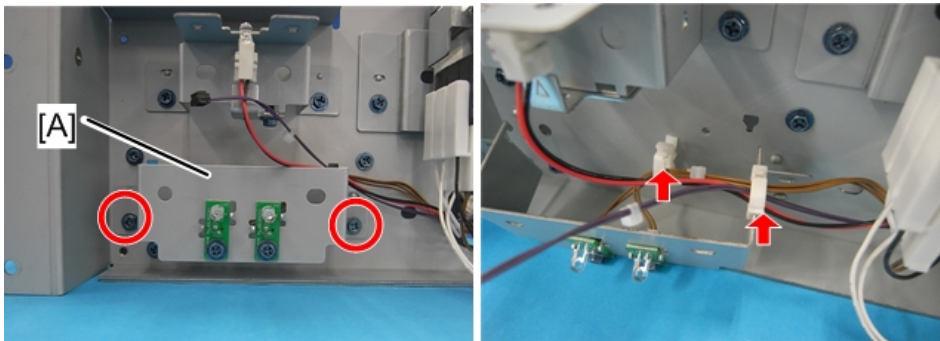


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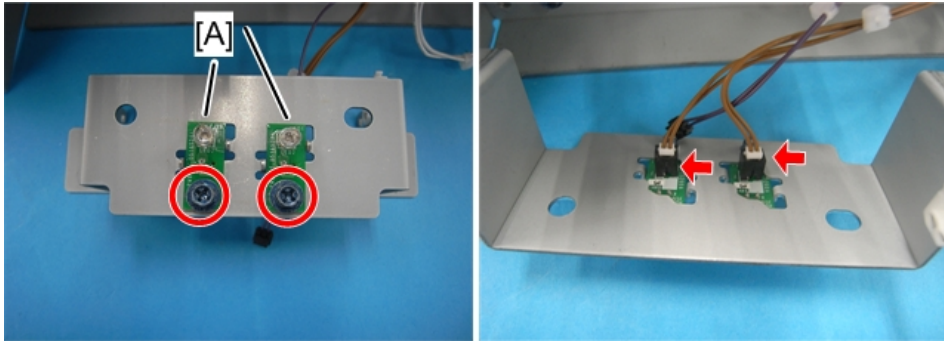
## LED

1. Remove all the covers (xref: Rear Cover, Center Cover, Front Cover ).
2. Bracket [A] (⚙️ x2, 🛠️ x2)



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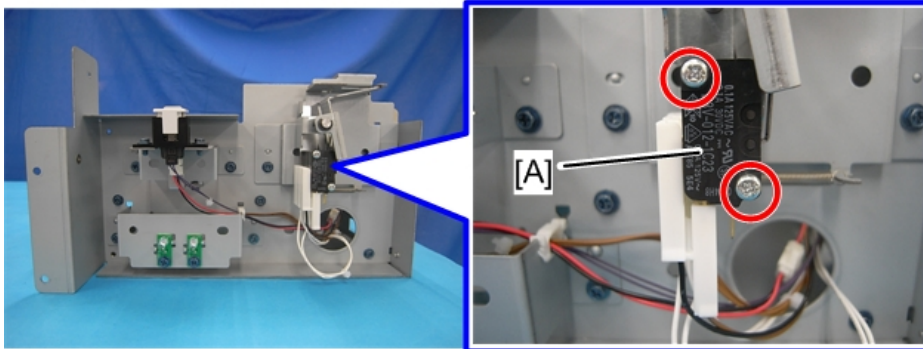
3. LED [A] (🔩 x2, 📦 x2)



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## Interlock Switch, Set Detection Switch

1. Remove all the covers (page 10 "Rear Cover, Center Cover, Front Cover").
2. Switches [A] (🔩 x2, 📦 x3)

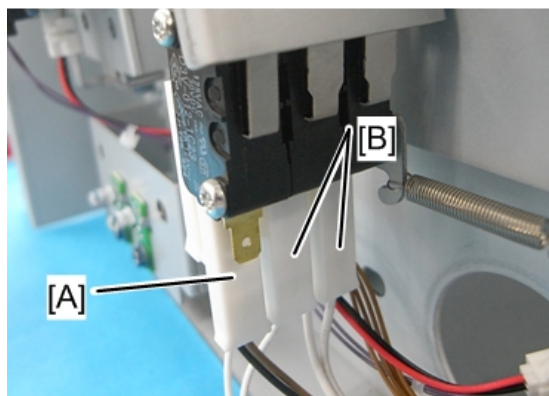


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↓ Note

- Set detection switch [A]: brown and black harness
- Interlock switch [B]: white harness





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