

ARDF DF2030
Machine Code: D724
Field Service Manual

December, 2012
Subject to change

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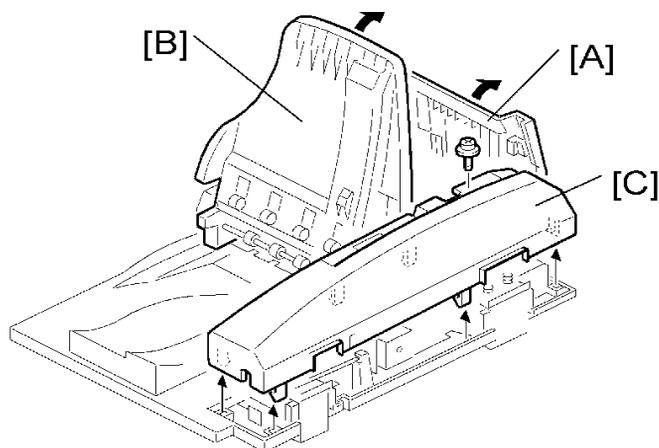


1. ARDF DF2030 (D724)

Covers and Tray

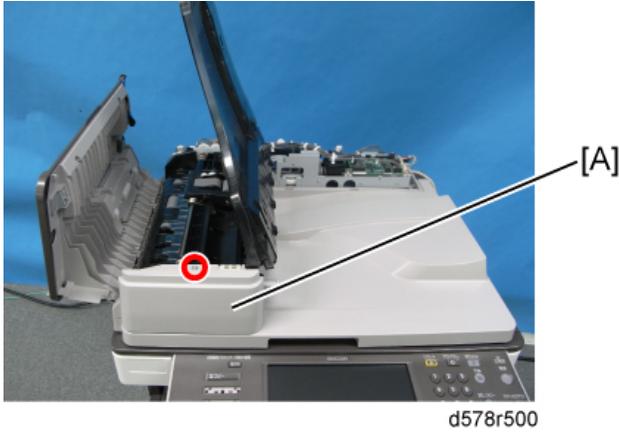
Rear Cover

1. Open the left cover [A].
2. Open the original tray [B].
3. Rear cover [C] (⚙️ x 1, hook x 6)



Front Cover and Original Tray

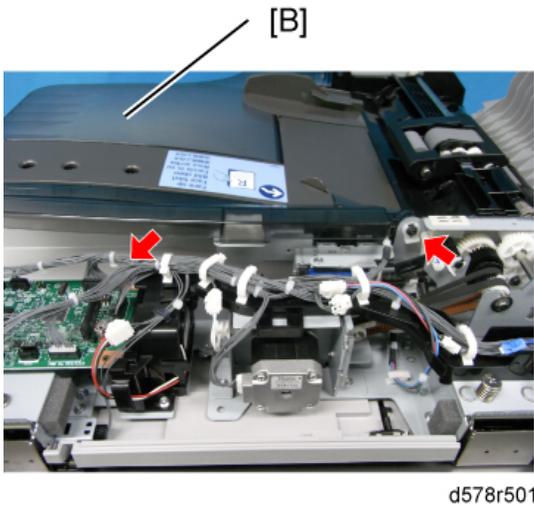
1. Open the left cover.
2. Rear cover (⚙️ p.3 "Rear Cover")
3. Front cover [A] (⚙️ x 1)



Note

- Keep the original tray open when you remove the front cover.

4. Original tray [B] (🔌 x 1, 📁 x 1)



Document Feed Components

Original Feed Unit

1

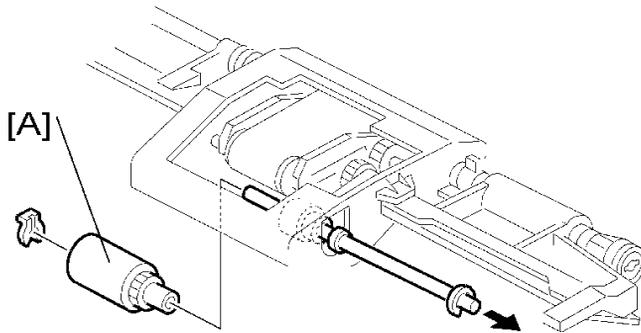
1. Open the left cover.
2. Original feed unit [A].



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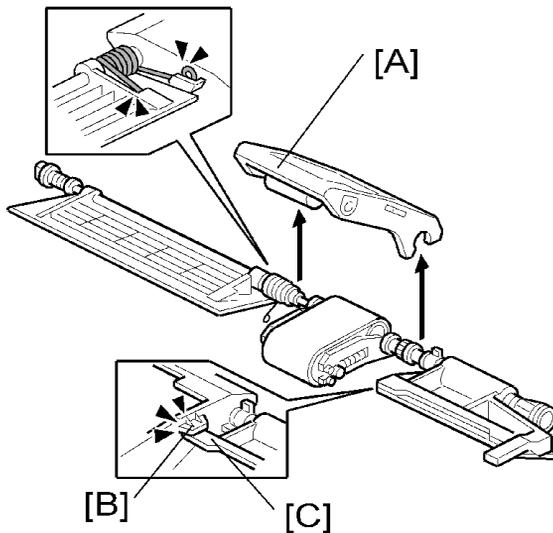
Pick-Up Roller

1. Open the left cover.
2. Original feed unit (Refer to p.5 "Original Feed Unit")
3. Pick-up roller [A] (Ⓐ x 1)



Feed Belt

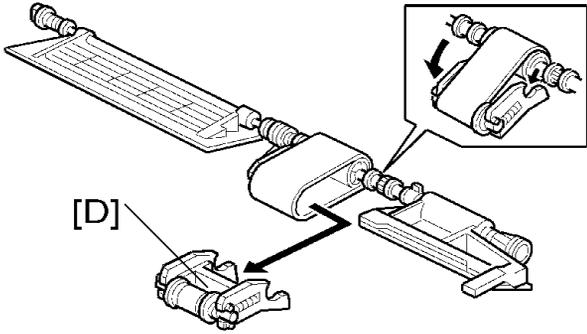
1. Open the left cover.
2. Original feed unit (see p.5 "Original Feed Unit")
3. Feed belt cover [A] (spring x 1)



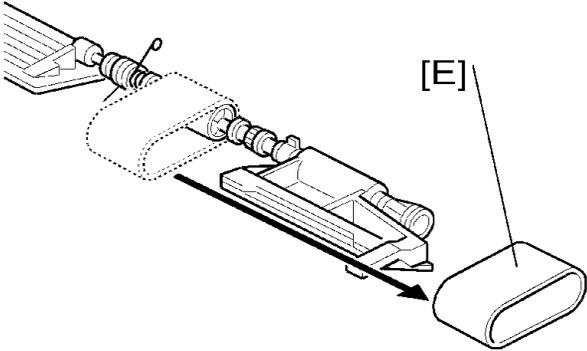
Note

- When reassembling the feed belt cover, make sure that the projection [B] of the feed belt cover is on the guide plate rear [C].

4. Belt tension unit [D]

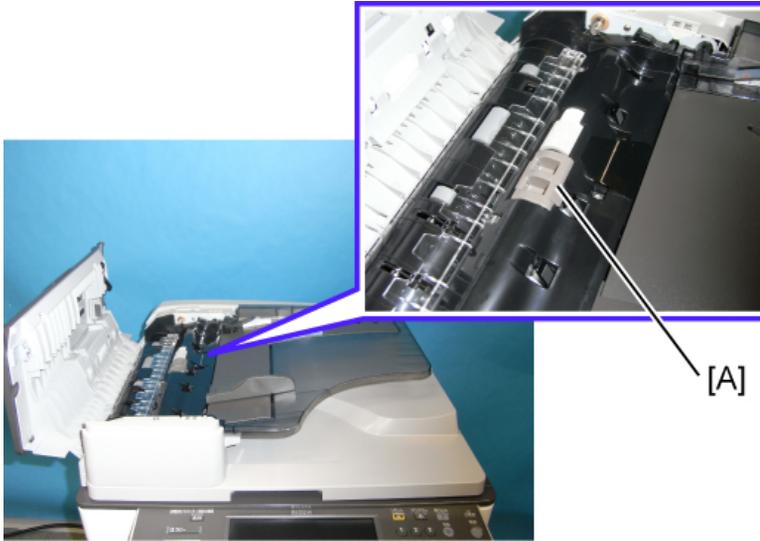


5. Feed belt [E].



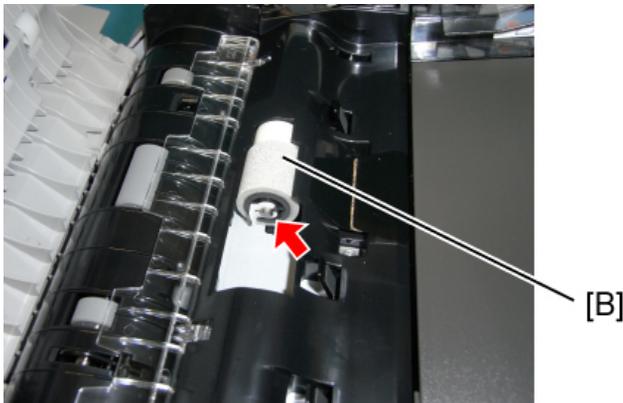
Separation Roller

- 1. Original Feed Unit (see p.5 "Original Feed Unit").
- 2. Separation roller cover [A].



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3. Separation roller [B] (🌀 x 1)



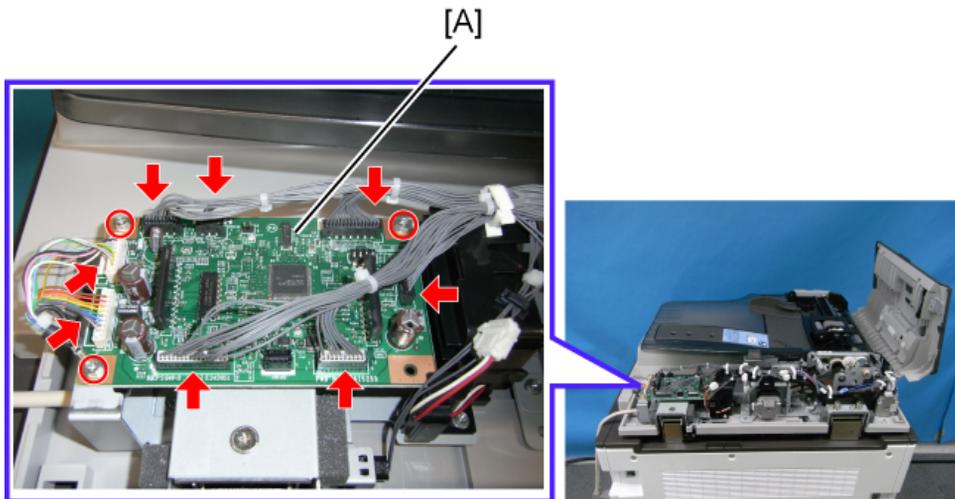
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Electrical Components

ARDF Drive Board and DF Position Sensor

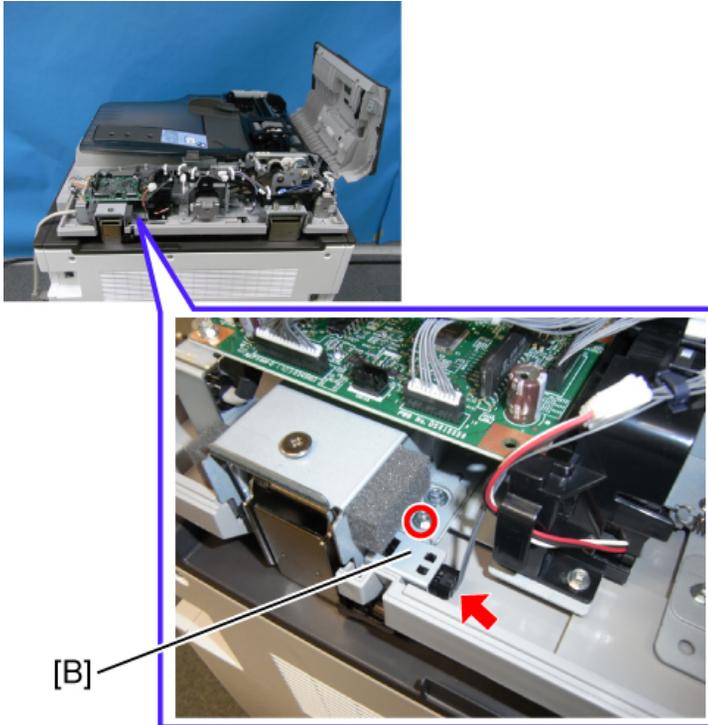
1

1. Rear cover (🔧 p.3 "Rear Cover")
2. ARDF drive board [A] (🔧 x 3, all 📏s)



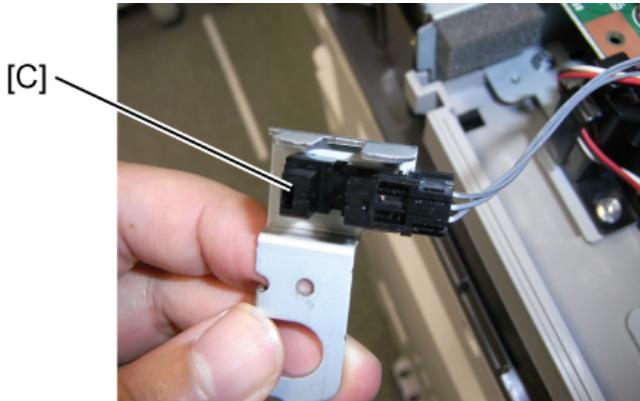
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3. DF position sensor with bracket [B] (🔧 x 1, 📏 x 1)



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4. DF position sensor [C] (hook x 2)

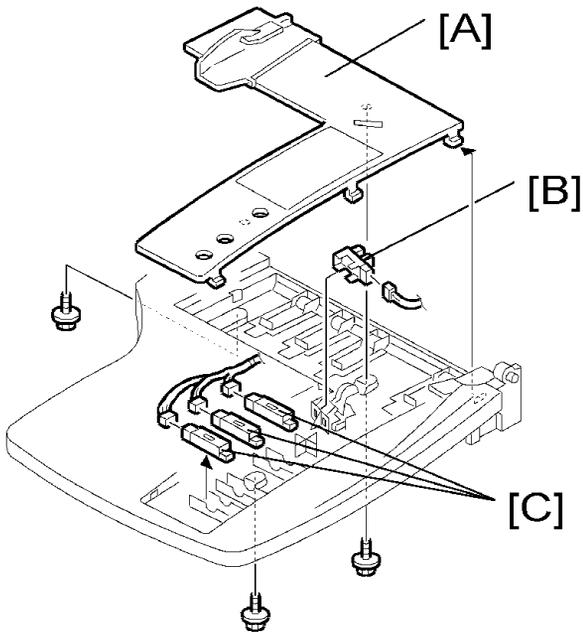


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Original Length Sensors and Original Sensor

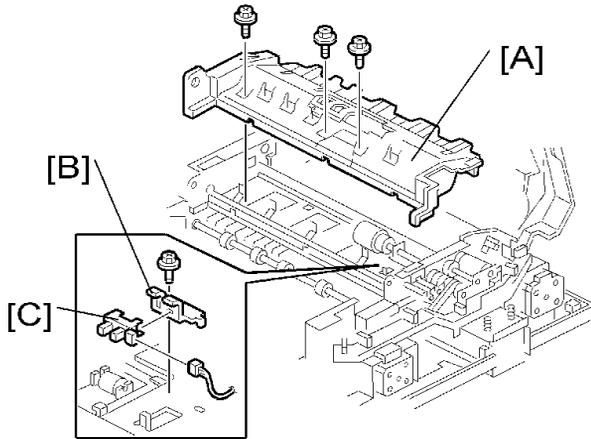
1. Original Tray (🔗 p.3 "Front Cover and Original Tray")
2. Tray cover [A] (🔗 x 3)
3. Original sensor [B] (🔗 x 1)

4. Original length sensors [C] ( x 1 each)



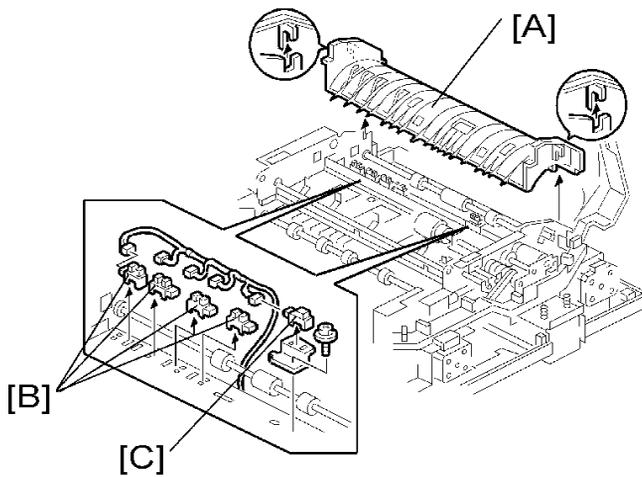
Original Set Sensor

1. Open the left cover.
2. Original feed unit ( p.5 "Original Feed Unit")
3. Original tray ( p.3 "Front Cover and Original Tray")
4. Original feed-in guide plate [A] ( x 3).
5. Original set sensor bracket [B] ( x 1)
6. Original set sensor [C]



Original Size Sensors and Skew Correction Sensor

1. Original feed-in guide plate (p.5 "Original Feed Unit")
2. Original turn guide plate [A] (hook x 1).
3. Original width sensors [B] (x 1 each) and skew correction sensor [C] with bracket (x 1, x 1)



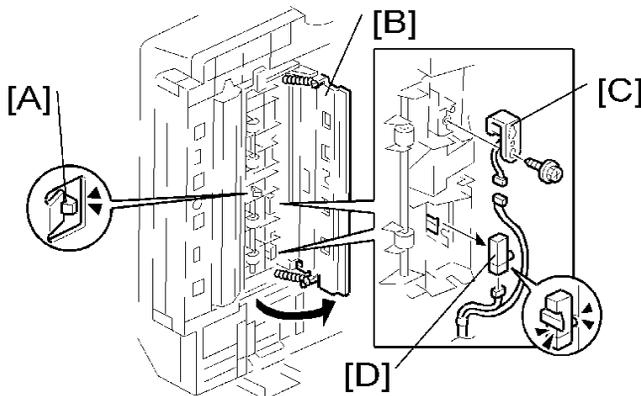
Stamp Solenoid and Original Exit Sensor

1. Open the ARDF.
2. Remove the left edge of the platen sheet.
3. Remove the screw (x 1).



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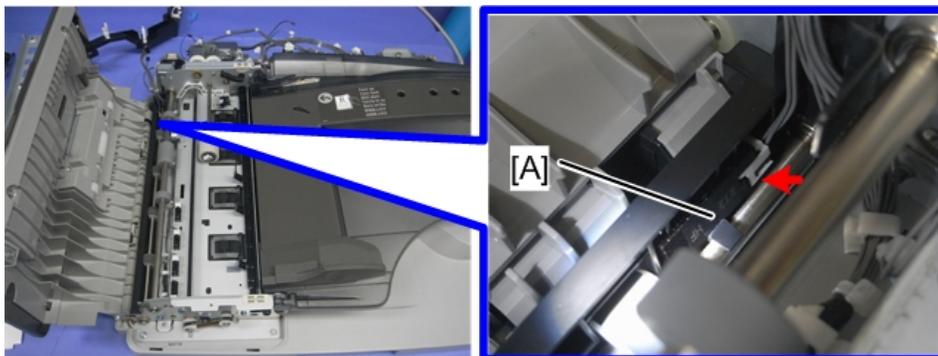
4. Release the hook [A].
5. Open the original exit guide plate [B]
6. Stamp solenoid [C] (🔩 x 1, 🛠️ x 1)
7. Original exit sensor [D] (🛠️ x 1, hook x 1)



Registration Sensor

1. Open the left cover.
2. Original feed unit (🔧 p.5 "Original Feed Unit")
3. Original tray (🔧 p.3 "Front Cover and Original Tray")
4. Original feed-in guide plate (🔧 p.11 "Original Set Sensor")
5. Registration sensor [A] (🛠️ x 1)

1



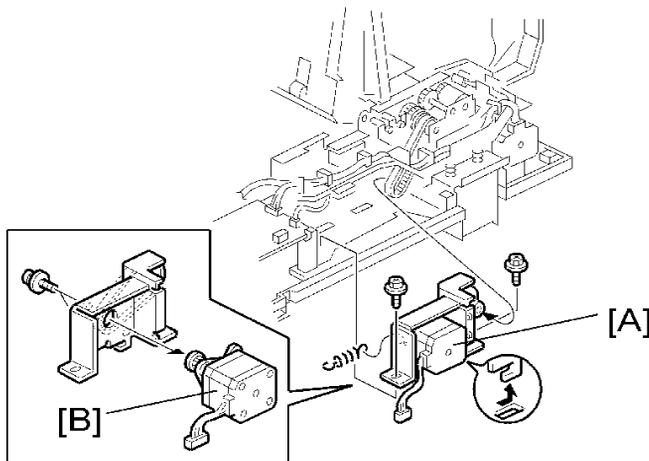
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Original Feed Drive

Feed Motor

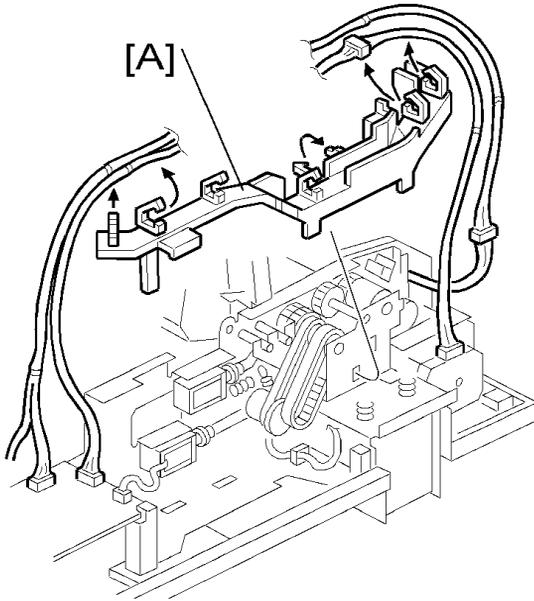
1

1. Rear cover (p.3 "Rear Cover")
2. Feed motor with bracket [A] (x 2, x 1, spring x 1)
3. Feed motor [B] (x 2)

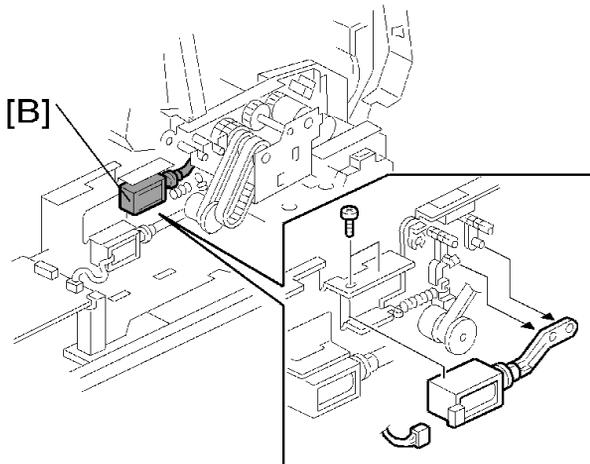


Pick-up Solenoid

1. Rear cover (p.3 "Rear Cover")
2. Harness guide [A] (all s)

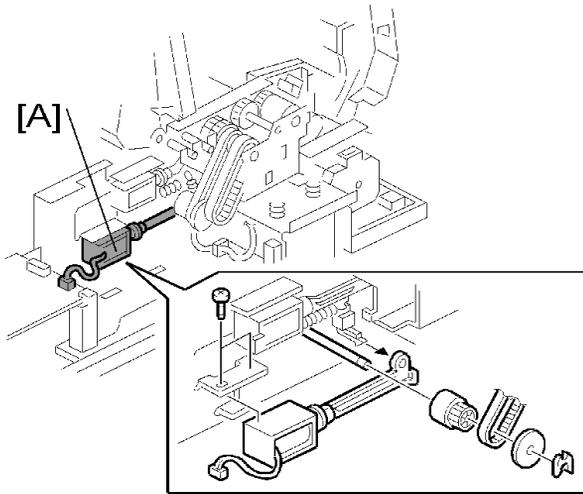


3. Pick-up solenoid [B] (🔧 x 2, 📦 x 1)



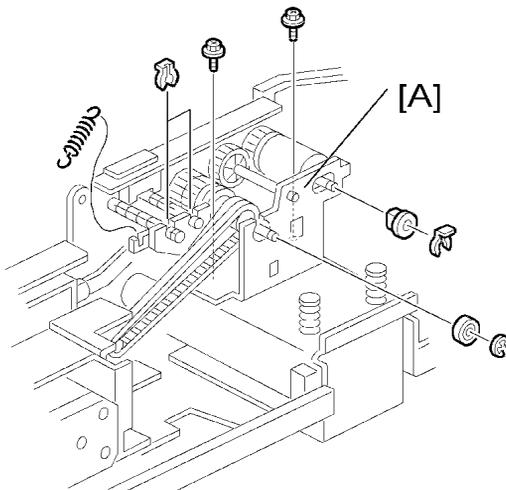
Inverter Solenoid

1. Rear cover (📦 p.3 "Rear Cover")
2. Harness guide (📦 p.15 "Pick-up Solenoid")
3. Inverter solenoid [A] (🔧 x 2, 📦 x 1, 📦 x 1, 📦 x 1, gear x 1, gear cover x 1)

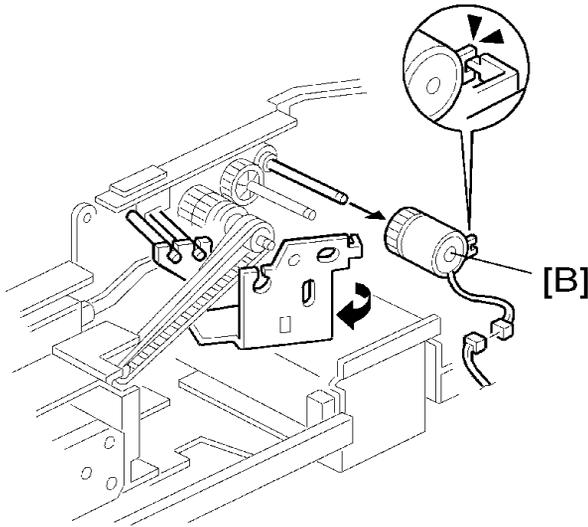


Feed Clutch

1. Rear cover (p.3 "Rear Cover")
2. Harness guide (p.15 "Pick-up Solenoid")
3. Bracket [A] (x 2, x 3, x 1, bushing x 1, spring x 1)

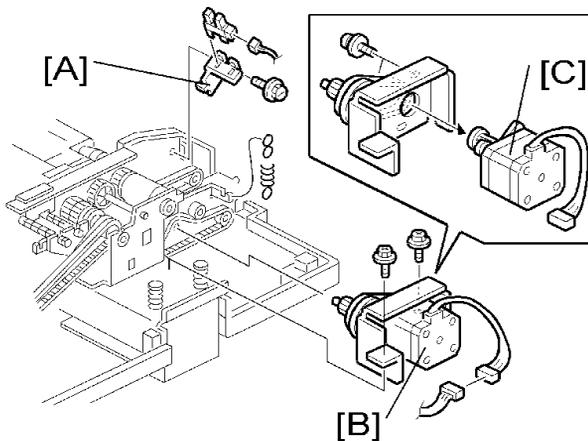


4. Slide the bracket.
5. Feed clutch [B] (x 1)



Transport Motor

1. Rear cover (p.3 "Rear Cover")
2. Harness guide (p.15 "Pick-up Solenoid")
3. Left cover sensor with bracket [A] (x 1, x 1)
4. Transport motor with bracket [B] (x 2, x 1, spring x 1)
5. Transport motor [C] (x 2)



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