



# imageRUNNER ADVANCE

8505i / 8595i   
8585i

6575i / 6565i   
6555i



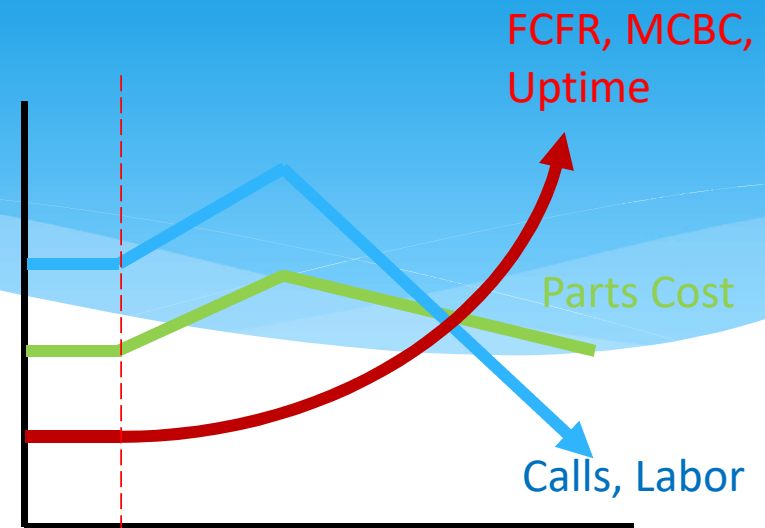
## Preventative Maintenance Procedure

Last update 05/30/2019

## ➤ Purpose

Increase the following items.

- ◆ **FCFR** (*First Call Fix Rate*)
- ◆ **Uptime**
- ◆ **MCBC** (*Mean Copies Between Calls*)
- ◆ **Customer Satisfaction**



Implementation of the Preventative Maintenance Procedure

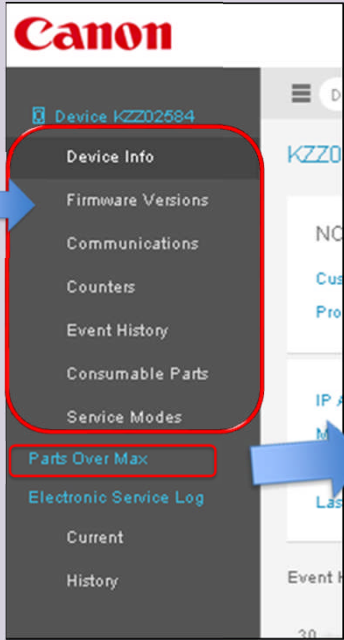
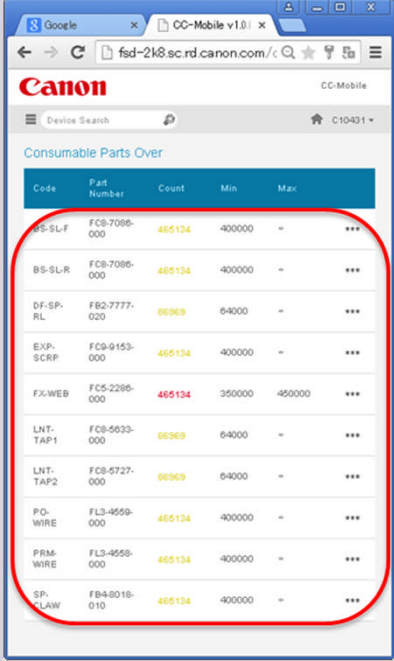

## ➤ How to use



This document was developed by Canon USA Engineering Services and Solutions to perform consistent, effective and efficient maintenance on all Canon products.



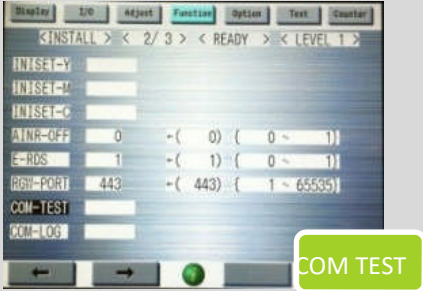


# iR ADV6500/8500 Advanced Maintenance Guide

## Service History Check - [Pre Visit]

Procedure	Detail	Note	Time
<p>Action Prior to Customer Visit:</p> <p>Whenever possible, Check Snapshot for :</p> <ul style="list-style-type: none"> <li>Firmware Version</li> <li>Event History</li> <li>Part Counters</li> <li>Service Mode Settings</li> </ul>	<p>1. Log into Snapshot :</p>  	<ul style="list-style-type: none"> <li>Enter the machine Serial Number to check the following:             <ol style="list-style-type: none"> <li>Firmware Version – <b>Prepare Firmware if necessary</b></li> <li>Communications</li> <li>Counters – <b>Machine Usage</b></li> <li>Event History – <b>Check History for Errors, Alarms and Jams</b></li> <li>Consumable Part Counters - <b>Prepare Consumable and Durable Parts</b></li> <li>Service Modes <b>ITB Belt Position [disp_misc ITB-POS]</b></li> </ol> </li> </ul> <p>1. Understand the machine's current condition (jams and error, needed consumable parts) before visiting EM call or Q-Call.</p> <p>2. Prepare all consumable parts that exceeded Target and replace them on a PM-call, replace any parts that exceeded life you have now at the EM call.</p> <p>3. Take the necessary actions for the jamming and errors.</p>	<p>Check</p> 


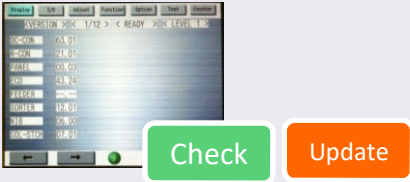


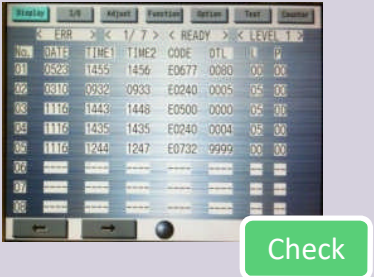

# iR ADV6500/8500 Advanced Maintenance Guide

## Common Process (Before)

Procedure	Detail	Note	Time
C1 Verify Customers' Concern	<p>Ask the customer about the condition of the machine and validate any issues they have.</p> <p>Ask Questions to find out if there are any following issues on the machine?</p> <ol style="list-style-type: none"> <li>1.Copy Quality</li> <li>2.Jamming</li> <li>3.ERROR</li> <li>4.Other issues (Copier Only)</li> <li>5.No Problem</li> </ol>	<p>◆ <b>Point:</b></p> <ul style="list-style-type: none"> <li>- To perform efficient maintenance, we need to ask the customer about machine condition.</li> </ul>	<p>Check</p> 
C2 Check the Serial Number	<p>Ensure the serial number on the machine matches the serial number that you are dispatched to.</p>	<p>◆ <b>Point:</b></p> <ul style="list-style-type: none"> <li>- If the serial number is incorrect and there is more than one machine at the account that is down please notify dispatch.</li> </ul>	<p>Scan</p> 
C3 Perform COM-TEST	<p>➤ <a href="#">COPIER &gt; Function &gt; INSTALL&gt;COM-TEST</a></p> 	<p>If COM-TEST is NG, fix this issue at first. If you can't fix this issue please insure the issue is resolved prior to leaving the account.</p>	<p>Check</p>  <p>COM TEST</p> 

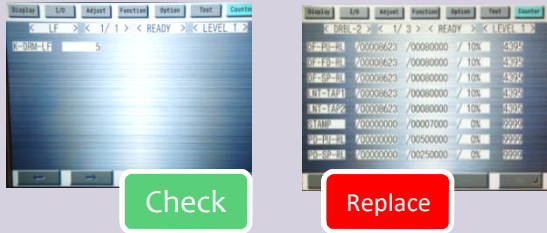


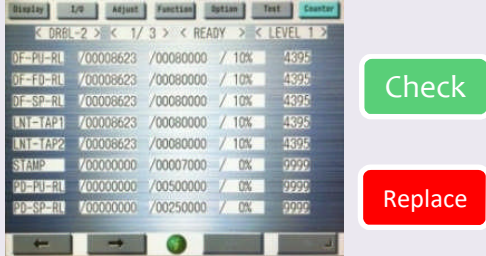


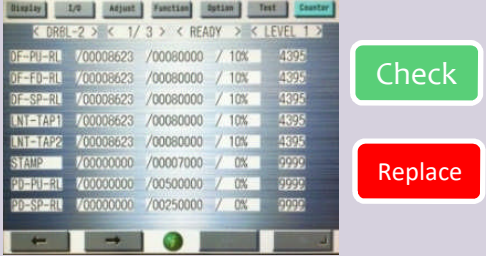


# iR ADV6500/8500 Advanced Maintenance Guide

## Common Process (Before)

Procedure	Detail	Note	Time
<b>C4</b> Check Service Log	1. Check Service Log	<b>◆ Point:</b> 1. Check the log to see if there is any reoccurring issues. If you see the same issues listed on the log, then the root cause hasn't been fixed. 2. Check what parts were replaced recently. These parts should not be replaced again for the same issue. 3. If the problem seems to be related to the previous call, check what the previous tech did.	Visual Check 
<b>C5</b> Check System Software Version  If Snapshot tool was used successfully, skip steps C5 through C9	1. Check System Software Version > COPIER>DISPLAY>VERSION Update the system software to latest version.  	<b>◆ Point:</b> The latest firmware versions as of 4/29/2016  iRADV6555/6565/6575: v14.01.01    TP16-112 iRADV8505/8585/8595: v14.01.01    TP16-113	Visual Check  Update 
<b>C6</b> Check Service history If Snapshot tool was used successfully, skip steps C5 through C9	1. Check ERR/JAM history  > COPIER>DISPLAY>ERR > COPIER>DISPLAY>JAM  	Address all Error and Jams.	Visual Check 

# iR ADV6500/8500 Advanced Maintenance Guide

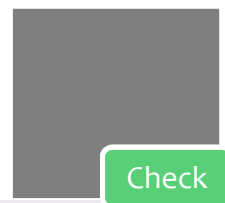

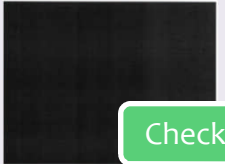
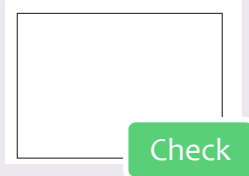
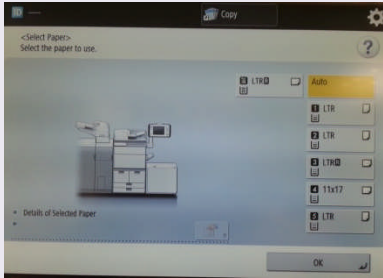

## Common Process (Before)

Procedure	Detail	Note	Time
<p><b>C7</b></p> <p>Check the Image Formation Counters</p> <p><b>If Snapshot tool was used successfully, skip steps C5 through C9</b></p> <p><i>*Reset the counters if parts are replaced.</i></p> <p><i>*Check that physical condition of the part matches the counter</i></p>	<p>1. Check the Drum, Corona and Cleaning Blade counters.</p> 	<p>◆ <b>Point:</b></p> <p>*Replace any parts at or above 100% Asi Drum may exceed rated life, change based on counter, print quality and customer needs</p> <p><b>Drum</b>  <b>COPIER&gt;COUNTER</b>          &gt;LF&gt;K-DRM-LF = %</p> <p><b>Coronas</b>          &gt;PRDC-1 &gt;PRM-WIRE          &gt;PRDC-1 &gt;PO-WIRE          &gt;DRBL-1 &gt;PO-UNIT          &gt;DRBL-1 &gt;PRM-UNIT          &gt;DRBL-1 &gt;CLD-BLD</p>	<p>Visual Check</p>  <p>1 min</p> <p>Replace</p>  <p>10 min</p>
<p><b>C8</b></p> <p>Check the P/U Roller Counters</p> <p><b>If Snapshot tool was used successfully, skip steps C5 through C9</b></p> <p><i>*Reset the counters if parts are replaced</i></p> <p><i>*Check that physical condition of the part matches the counter</i></p>	<p>Check the roller counters.</p> <ul style="list-style-type: none"> <li>&gt; COPIER&gt;COUNTER&gt;DRBL-1</li> <li>&gt; COPIER&gt;COUNTER&gt;DRBL-2</li> </ul> 	<p>◆ <b>Point:</b></p> <p>*Replace any rollers at or above 100%</p> <p><b>Cassette 1,2, Bypass:</b> COPIER&gt;COUNTER&gt;DRBL-1</p> <ul style="list-style-type: none"> <li>&gt; C1/C2/M-FD-RL</li> <li>&gt; C1/C2/M-SP-RL</li> </ul> <p><b>Cassette 3,4:</b> COPIER&gt;COUNTER&gt;DRBL-2</p> <ul style="list-style-type: none"> <li>&gt; C3/C4-FD-RL</li> <li>&gt; C3/C4-SP-RL</li> </ul> <p><b>Side Paper Deck:</b> COPIER&gt;COUNTER&gt;DRBL-2</p> <ul style="list-style-type: none"> <li>&gt; PD-PU-RL</li> <li>&gt; PD-SP-RL</li> <li>&gt; PD-FD-RL</li> </ul> <p><b>ADF:</b> COPIER&gt;COUNTER&gt;DRBL-2</p> <ul style="list-style-type: none"> <li>&gt; DF-PU-RL</li> <li>&gt; DF-SP-RL (DF-SP-PD)</li> <li>&gt; DF-FD-RL</li> </ul>	<p>Visual Check</p>  <p>1 min</p> <p>Replace</p>  <p>10 min</p>
<p><b>C9</b></p> <p>Check Transfer and Fixing Durable Counters</p> <p><b>If Snapshot tool was used successfully, skip steps C5 through C9</b></p> <p><i>*Reset the counters if parts are replaced</i></p> <p><i>*Check that physical condition of the part matches the counter</i></p>	<p>1. See the Parts counter. COPIER&gt;COUNTER&gt;DRBL-1</p> 	<p>◆ <b>Point:</b></p> <p>*Replace Fixing Web if over 80% Replace any other parts at or above 100% COPIER&gt;COUNTER&gt;DRBL-1</p> <p><b>ETB</b></p> <ul style="list-style-type: none"> <li>&gt; T-CLN-BD</li> <li>&gt; TR-BLT</li> <li>&gt; TR-ROLL</li> <li>&gt; T-CN_BRU</li> </ul> <p><b>Fixing</b></p> <ul style="list-style-type: none"> <li>&gt; FX-LW-RL</li> <li>&gt; FX-UP-FR</li> <li>&gt; *FX-WEB</li> <li>&gt; FX-IN-BS</li> <li>&gt; FX-RNTR</li> </ul>	<p>Visual Check</p>  <p>1 min</p> <p>Replace</p>  <p>60 min</p>



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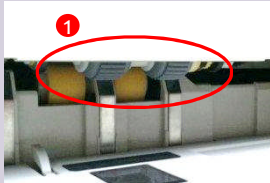
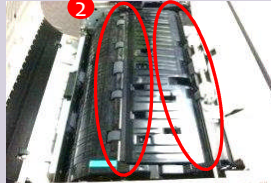


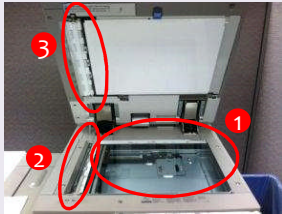
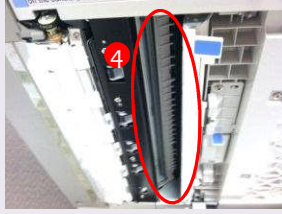

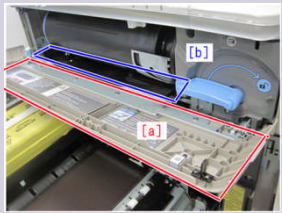
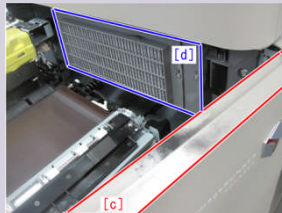

## Common Process (Before)

Procedure	Detail	Note	Time
<b>C10</b> Make Samples (Before Sample)	Take following Copy/Print samples from Copy from ADF and Copy Glass. 1. PG5  Check 2.NA3  Check 3. PG7  Check 4. PG4  Check	If you find following PCQ, check the ADV Topics. PCQ 1. Repeating Marks down the page / Spots 2. Black Band on 2 <sup>nd</sup> side 3. Crepe Marks (Wrinkles) 4. Skew (2mm) 5. Not Fusing 6. Drum Cleaning Failure 7. Faded Copy / Banding	Check
<b>C11</b> Test Paper Feed	Take copies from All Cassette at least 5 each from ADF.  <ol style="list-style-type: none"> <li>Cassette 1</li> <li>Cassette 2</li> <li>Cassette 3</li> <li>Cassette 4</li> <li>Bypass tray</li> <li>Side Paper Deck</li> </ol>	Take copies from following cassette. ◆Point: Make following jobs. 1.Double sided 2.Staple 3.Hole punch If the machine JAMS, find the cause and fix that issue.	

**Perform C10 and C11 at the same time to save time**

# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail & Action	Note	Time
<p><b>M1</b></p> <p>Clean ADF Rollers /Sensors</p>	<p>Clean the rollers if you didn't replace them in step 5.</p> <ol style="list-style-type: none"> <li>1. P/U, Sep Rollers</li> <li>2. Delivery Rollers</li> </ol>   <p>Clean</p> <p>Clean</p>	<p>Clean the <b>Rollers</b> with lint free paper with soap and water. <b>Sensors</b> should be cleaned using a blower brush.</p> 	<p>Clean</p>  <p>3 min</p>
<p><b>M2</b></p> <p>Clean the Glass/Platen roller</p>	<ol style="list-style-type: none"> <li>1. Copy Glass</li> <li>2. ADF Reading Glass</li> <li>3. Platen roller</li> <li>4. 2<sup>nd</sup> Glass</li> </ol>   <p>Clean</p> <p>Clean</p>	<p>◆ <b>Point:</b></p> <ol style="list-style-type: none"> <li>1. If the <b>2<sup>nd</sup> side Glass in ADF</b> is dirty or there are a lot of Alarm codes for this Glass (Alarm code: 020021), take out the <b>2<sup>nd</sup> side glass</b> and clean both sides of it.</li> <li>2. Clean the <b>ADF Reading Glass</b> and <b>Copy Glass</b> with Oil cleaner (FY9-6020-000). Clean both sides of the glass.</li> <li>3. Clean the <b>Platen Roller</b> with Alcohol.</li> </ol>	<p>Clean</p>  <p>3 min</p>
<p><b>M3</b></p> <p>Clean the Hopper and Filter Area</p>	  <p>Clean</p> <p>Clean</p>	<p>◆ <b>Point:</b></p> <p>When cleaning the upper front cover assembly[a], the <b>toner bottle mount area</b>[b], and the <b>lower front cover assembly</b>[c], be sure to check for contamination of the <b>dustproof filter</b>[d]. When it is contaminated, replace the <b>dustproof filter (FC8-9564)</b>.</p> <p>Use a Blower Brush / Vacuum/ Hand brush and remove Dust Build up on Front Dust Filter</p>	<p>Clean</p>  <p>3 min</p>



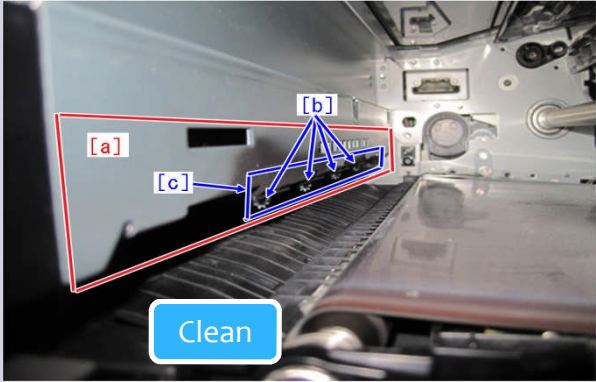
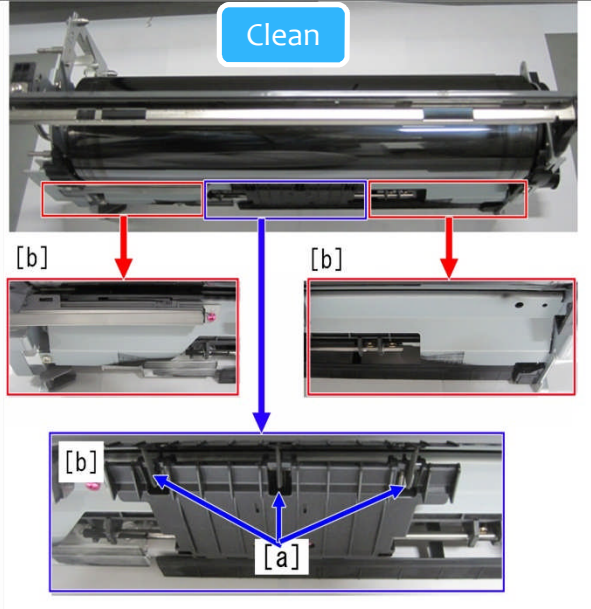

# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail & Action	Note	Time
<p><b>M4</b></p> <p>Clean the Primary and Pre Transfer Corona Assembly</p>	<p><b>Primary Corona</b>      <b>Pre Transfer Corona</b></p>	<p>◆ <b>Point:</b></p> <p><b>Primary Corona:</b></p> <ol style="list-style-type: none"> <li>1. Clean the <b>Grid Wire</b></li> <li>2. Inspect the <b>Protective Sheet Mechanism</b></li> </ol> <p><b>Pre Transfer Corona:</b></p> <p>Clean any toner found on the <b>upper part[a]</b> and the <b>lower part[b]</b> of the <b>Pre Transfer Charging Assembly</b>.</p> <p>If a large amount of toner is accumulated on the <b>top surface</b> of the <b>Pre Transfer Charging Assembly</b>, check for excess toner around the <b>Developing Assembly</b>, and clean as needed.</p>	<p>Clean</p>
<p><b>M5</b></p> <p>Clean the Laser Slit Glass</p>	<p>Pull out and clean the laser slit glass with a clean lint free cloth</p>		<p>Clean</p>
<p><b>M6</b></p> <p>Clean the Drum</p> <p><small>Note: Cleaning of the patch sensor should be done on a regular basis (complete call). Make sure to clean the window with a blower brush. Try not to wipe window with a towel. May scratch window.</small></p> <p><b>Do not need to take out the processing unit and perform this every service call. If you have CQ issue then check the following.</b></p>	<ol style="list-style-type: none"> <li>1. Drum Edge</li> <li>2. Drum seal</li> <li>3. Drum patch sensor (only on ADV8500 series)</li> </ol>	<p>◆ <b>Point:</b></p> <p>Ensure the edges of the <b>Drum</b> are free from hardened toner. Inspect the <b>Side Seals</b> for any damage.</p> <p>Perform the published <b>Drum Cleaning Procedure</b> to remove debris or residue on the surface of the drum. <b>Drum Seals (FC9-9024-000)</b></p>	<p>Clean</p>

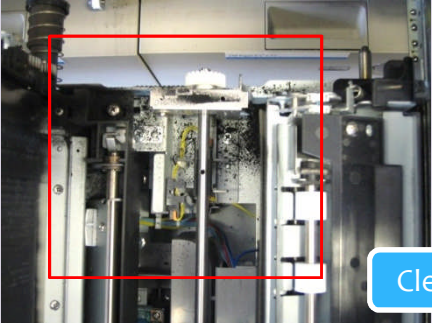
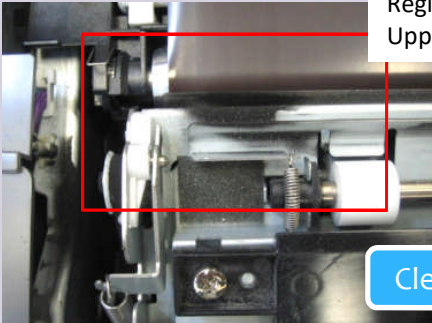


# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail & Action	Note	Time
<p><b>M7</b></p> <p>AP Kit (Drum Separation Claws and Guide Plate)</p> <p><b>Do not need to take out the processing unit and perform this every service call. If you have CQ issue then check the following.</b></p>	 	<p>◆ <b>Point:</b> Perform cleaning every time <b>AP Kit</b> is removed and inserted.</p> <p>Clean the vicinity[c] of each <b>dowel[b]</b> attached to the <b>guide[a]</b> on the machine side, in the area where AP Kit is to be inserted.</p> <p>◆ <b>Point:</b> Clean the <b>Drum Separation Claws[a]</b> and the <b>Guide Plate[b]</b> in the lower part of AP Kit.</p> <div style="border: 2px solid yellow; padding: 5px;"> <p><b>After Replacement of Drum:</b></p> <ul style="list-style-type: none"> <li>➤ Clear Parts Counter <b>Copier&gt;Counter&gt;LF&gt;K-DRM-LF</b></li> <li>➤ <b>Replace the ROM connected to the host machine with the Drum ROM included with the New Drum.</b></li> <li>➤ Activate the drum replacement mode: <b>Copier&gt;Function&gt;Install&gt;DRM-INIT</b></li> <li>➤ Check 2-dimensional shading ROM. <b>Copier&gt;Function&gt;2D-SHADE&gt;2D-READ</b></li> <li>➤ Execute Auto Adjust Gradation</li> </ul> </div>	<p>Clean</p>  <p>10 min</p>

# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail & Action	Note	Time
<p>M8</p> <p>ETB area</p>	 <p>Clean</p>  <p>Registration Upper Guide</p> <p>Clean</p>	<p>◆ Point:</p> <p>ETB Assembly – Clean stray toner and dust, Pay close attention to the ETB Cleaning Assembly</p> 	<p>Clean</p>  <p>3 min</p>

# iR ADV6500/8500 Advanced Maintenance Guide

Procedure

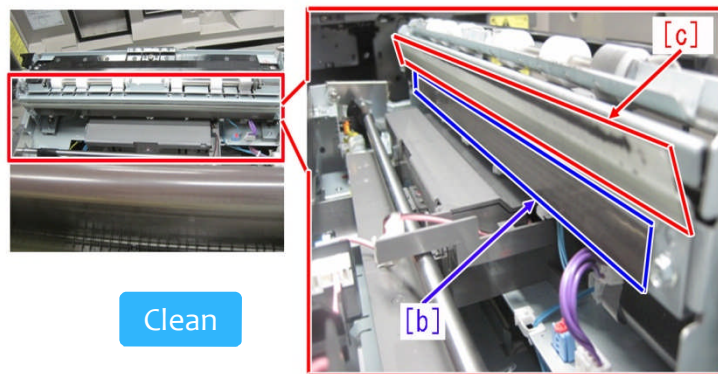
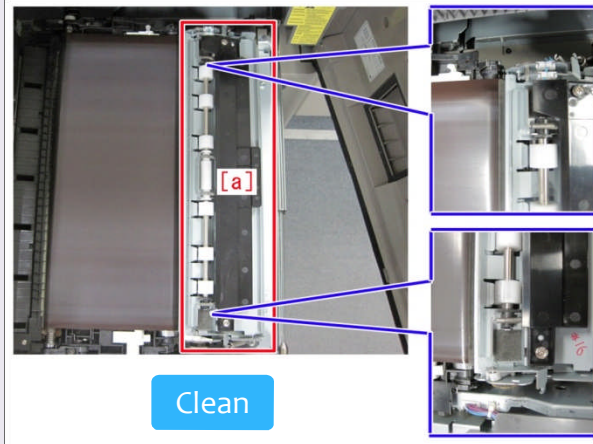
Detail & Action

Note

Time

M9

Registration area



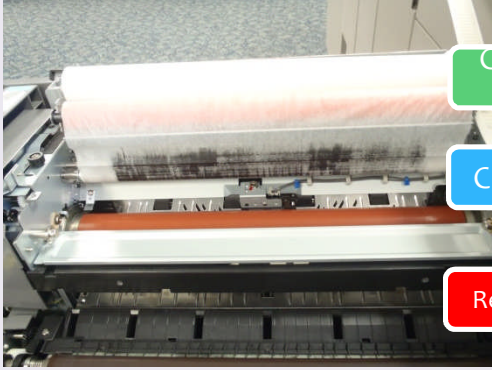
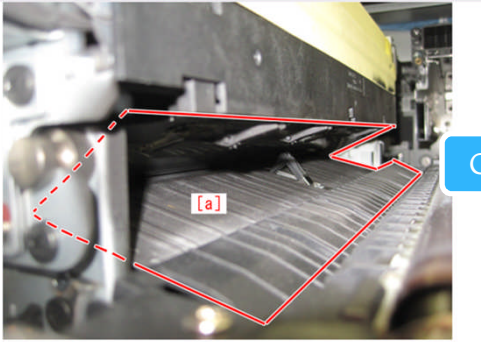
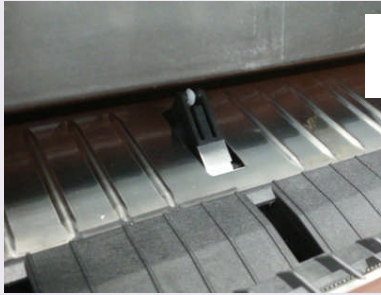




◆ **Point:**  
Check for toner or debris on the upper part[a] of the **registration assembly** as well as on the **magnetic sheet[b]**, and the **plastic sheet[c]** which face the surface of the ETB. Clean as necessary.

Clean



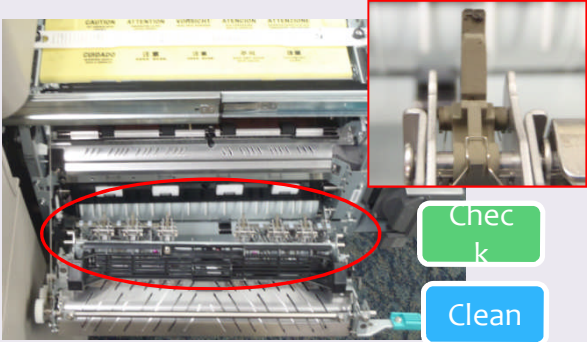





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Procedure	Detail	Note	Time
<p>M10</p> <p>Fuser Area</p>	 <p>Check Clean Replace</p>  <p>Clean</p>  <p>Fixing Inlet Sensor Check Replace</p>	<p>◆Point:</p> <p><b>Fuser Web</b> – Check for excess toner (Option&gt;IMG-FIX&gt;CBLTINVL Default=0) Replace if the durable counter is over 80%.</p> <p><b>Fuser roller</b> - Check the surface of the roller for wear.</p> <p><b>Fuser Inlet Area(a)</b> – Check for toner build up</p> <p><b>Thermistors</b> – Check for debris and wear.</p> <p><b>Lower Fuser Roller and Bearings</b> – Check for debris and wear</p> <p><b>Fixing Inlet Sensor</b> – Check for broken or worn actuator (cuts and wear from paper)</p> 	<p>Visual Check</p>  <p>3 min</p> <p>Clean</p>  <p>5 min</p> <p>Replace</p>  <p>20 min</p>

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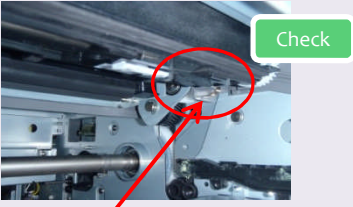
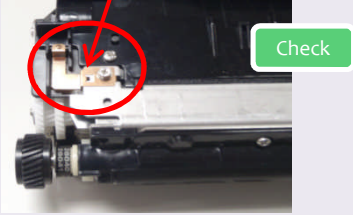
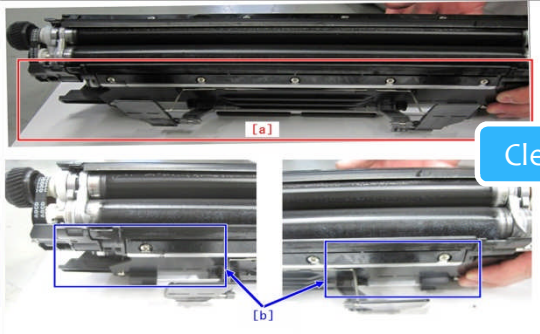



## Maintenance Process

Procedure	Detail	Note	Time
<p>M10</p> <p>Fuser Area (cont)</p>		<p>◆Point:  <b>Separation Claws</b> – Check for excess toner, wear and damage</p>	<p>Visual Check</p> <p> 1 min</p> <p>Clean</p> <p> 3 min</p> <p>Replace</p> <p> 10 min</p>





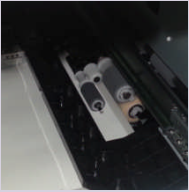
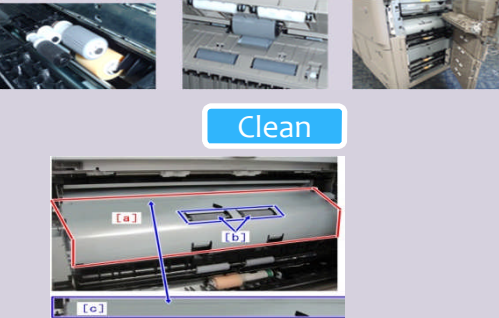



# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail	Note	Time
<p data-bbox="327 244 412 279">M11</p> <p data-bbox="353 312 629 347"><b>Developer Area</b></p> <p data-bbox="302 496 707 708"><b>Do not need to take out the Developer unit and perform this every service call. If you have CQ issue then check the following.</b></p>	<div data-bbox="831 252 1182 459">  <p data-bbox="913 475 1055 523">Developer Bias Contacts</p> </div> <div data-bbox="831 531 1182 746">  </div> <div data-bbox="741 783 1279 1118">  </div> <div data-bbox="741 1137 1279 1417">  </div>	<p data-bbox="1361 280 1458 304">◆Point:</p> <p data-bbox="1361 347 1895 499">Check the <b>Developer Bias Contacts</b> Bend the contact on the main body down toward the developer unit Bend the contact on the developer unit up towards the main body contact</p> <p data-bbox="1361 794 1458 818">◆Point:</p> <p data-bbox="1361 861 1895 1013">Wipe off the toner adhered to the <b>Lower Part[a] of the Developing Assembly</b>. Particularly, toner adhesion tends to appear in the <b>Edge Portions[b] of the Developing Assembly</b>. Check the <b>Developer Sleeve</b> for even coating</p> <p data-bbox="1361 1150 1458 1174">◆Point:</p> <p data-bbox="1361 1217 1861 1273">Wipe off the toner adhered to the <b>Developing Assembly Guide Mount[a]</b>.</p>	<p data-bbox="1944 368 2069 392">Visual Check</p> <div data-bbox="1939 435 2074 584">  </div> <p data-bbox="1973 983 2029 1007">Clean</p> <div data-bbox="1939 1034 2074 1182">  </div>

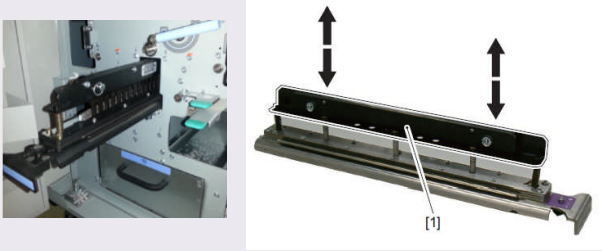

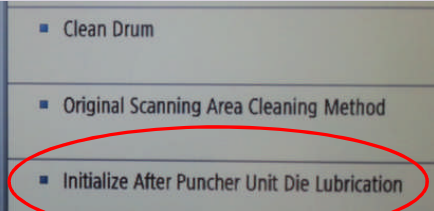
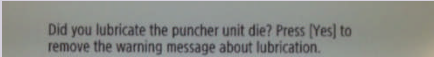
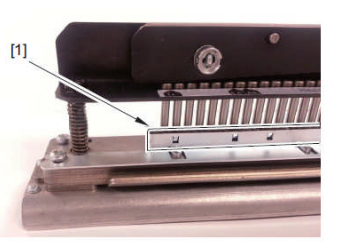

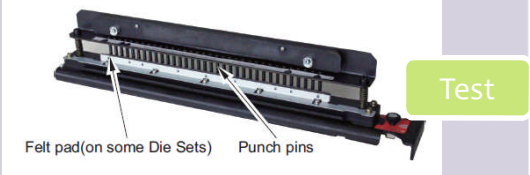

# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail	Note	Time
<p><b>M12</b></p> <p>Clean the Duplex Rollers and Paper Path</p>		<p>◆<b>Point:</b></p> <ol style="list-style-type: none"> <li>1.Clean both the <b>Rubber and Nylon Rollers</b></li> <li>2.Check the <b>Machine Cavity</b> under the duplexer for <b>Torn Paper</b>.</li> </ol>	<p>Clean</p> 
<p><b>M13</b></p> <p>Clean Rollers on Cassettes, Bypass and Vertical Transport</p> 	<p>Clean the rollers if you didn't replace them in No.5.</p> 	<p>◆<b>Point:</b></p> <p>Clean all <b>Rollers</b> with lint free paper with soap and water.</p> <p>Clean the <b>Rollers</b> for all of the Cassettes , Bypass and the <b>Side Paper Deck</b> (if present)</p> <p>Clean the <b>paper feed path[a]</b> and the <b>Registration Front Roller[b]</b> in the <b>Pre-Registration Guide Assembly</b>.</p> <p>Particularly, toner adhesion tends to appear in the <b>area[c]</b> near the <b>Pre-Registration Guide Assembly</b>.</p>	<p>Clean</p> 
<p><b>M14</b></p> <p>Empty the Waste Toner Bottle</p> <p>* <b>Reset the counter</b></p>		<p>◆ <b>Point;</b></p> <ol style="list-style-type: none"> <li>1. Empty the <b>Waste Toner Bottle</b> into the <b>Toner Waste Bag (Supply # : 18X24-1.5MIL)</b></li> <li>2. If you don't have a waste toner bag, slowly empty the waste toner into a bag in the customers trash can and <b>Tie the top of the bag</b>.</li> <li>3. <b>Do Not</b> empty the waste toner into a trash can without a bag</li> <li>4. Reset the counter: <b>Copier&gt;Counter&gt;MISC-WST-TNR</b></li> </ol>	<p>Clean</p> 

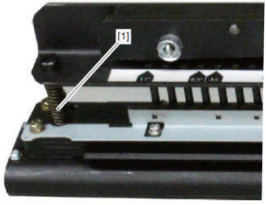

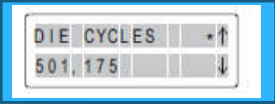



# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail	Note	Time
<p><b>M15</b></p> <p><b>Multifunction Professional Puncher- A1</b>  <b>Install Punch Die Set &amp; Test</b>  <i>(IRA 85xx series only)</i></p> <p>Run several sheets of the customer's paper through the punch and inspect the holes</p>		<p>Set the Die set on a table and press the top plate [1] straight down at both ends at the same time and look for a smooth operation. The top plate and pins should retract fully when you release.</p>	<p>Visual Check</p> 
<p><b>M16</b></p> <p><b>Multifunction Professional Puncher- A1</b></p> <p><b>DIE Maintenance</b>  <i>(IRA 85xx series only)</i></p>   <p>Continuing to use the die without lubricating it may cause paper jams and shorten its lifetime.</p> <p>After lubrication, print a few pages to check that the output paper is not greasy before performing jobs.</p> <p>Yes No</p>	<p><b>To lubricate Die Set pins that do not have felt pads:</b></p> <ol style="list-style-type: none"> <li>1. Depress the Die Set so that the pins protrude from the bottom plate.</li> <li>2. Apply a drop of high quality machine oil to the end of each pin.</li> <li>3. Wipe clean, leaving a light coat of oil on them.</li> <li>4. Oil from the die may blemish the first few punched sheets after oil has been applied. Run test punched copies until clean copies can be made.</li> </ol> <p><b>To lubricate Die Set pins that have felt pads:</b></p> <ol style="list-style-type: none"> <li>1. Lubricate with a high quality machine oil.</li> <li>2. Apply oil lightly along the length of the pad [1], but do not over saturate.</li> <li>3. Do not use spray lubricants because they tend to dry up quickly and leave sticky residue.</li> <li>4. Oil from the die may blemish the first few punched sheets after oil has been applied. Run test punched copies until clean copies can be made.</li> </ol> 	<p><u>Die Set Service</u></p> <p>The Die Set assembly is not serviceable other than inspection and periodic lubrication. If a Die Set is at its end of life, it will tend to cause paper jam due to hanging chips. This is a result of a die plate wear, and not pin wear, which cannot be corrected. When this occurs, the Die Set should be replaced with a new one.</p>   <p><u>Die Set Life Expectancy</u></p> <p>Minimum life expectancy of <b>750,000</b> times of punching when periodic lubrication is performed. Use the Die Cycles feature on the user interface to view the number of cycles on the Die Set. Variable life expectancy due to variety and types of paper, cover stock being punched and length of avg. job plus other environment conditions.</p> <p><b>Inspect &amp; Lubricate every 200K</b></p>	<p>Check</p> 

# iR ADV6500/8500 Advanced Maintenance Guide

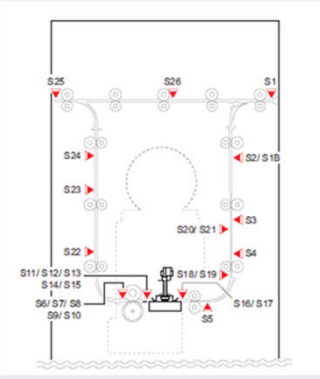
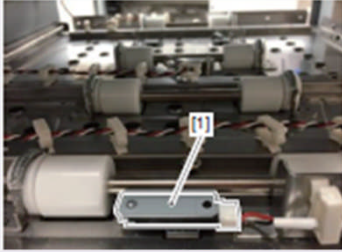

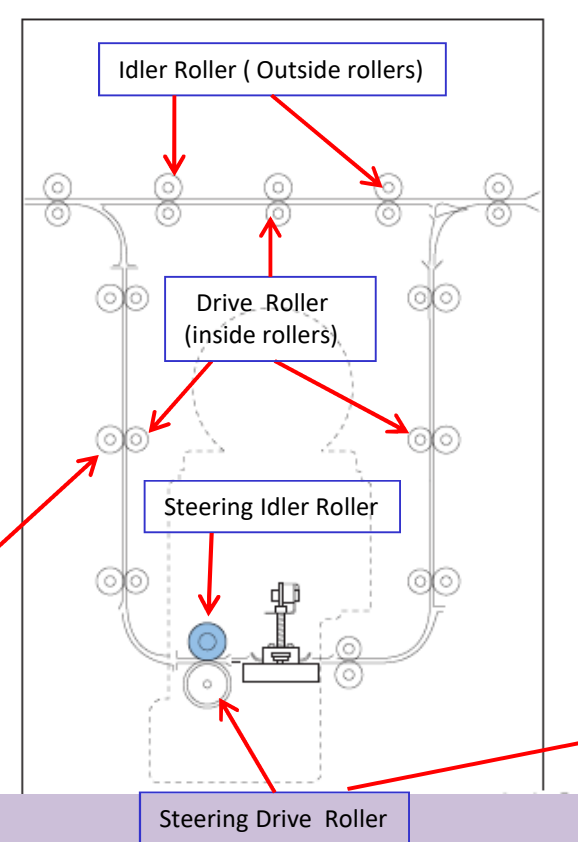
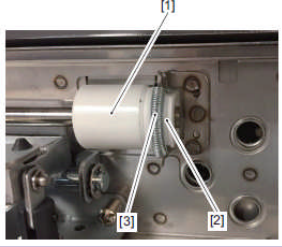
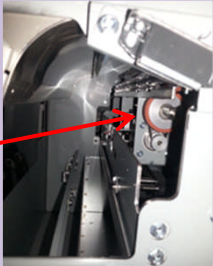

## Maintenance Process

Procedure	Detail	Note	Time
<p><b>M16</b>  <b>Multifunction professional Puncher- A1</b>  <b>DIE Maintenance</b>  <b>continued.</b>  <b>(IRA 85xx series only)</b></p>	 <p><b>Die Set Shoulder Bolts Lubrication.</b></p> <ol style="list-style-type: none"> <li>Lubricate with high quality Teflon-based grease.</li> <li>Apply grease to Shoulder Bolts and Springs [1]</li> <li>Wipe up any excess grease.</li> </ol> 	<p>✓ Every <b>200K</b> copies should be inspected and lubricated</p> <p><b>DIE Cycles:</b> This displays the # of cycles punched with the Die set that is currently installed in the machine.</p> 	
<p><b>M17</b>  <b>Multifunction professional Puncher- A1</b></p> <p>Clean any loose chads inside the Pro Punch  <b>(IRA 85xx series only)</b></p>  <p>Do not need to do this every service call. Recommended at 500K. depending on customer use and environment.</p>	<ol style="list-style-type: none"> <li>Occasionally remove the covers and remove paper dust and chips. Paper dust can accumulate throughout the punch including around the motor and other electrical components. Use vacuum cleaner if possible. A small paintbrush can also be used but extreme care should be used around electrical components.</li> <li>Clean non-electrical components with alcohol, an approved cleaner, or soft cloth moistened with mild detergent and warm water.</li> <li>Clean the Rollers with alcohol.</li> </ol> <p><b>CAUTION: Make sure you disconnect the Professional Puncher from its power source before cleaning. Failure to observe this warning could result in death or injury.</b></p> <p><u>Base Cleaning</u> : Chips and paper dust falls to the bottom of the punch. Clean every service call. ( Clean with a vacuum cleaner )</p> <p><u>Chip Bin Cleaning</u>: Empty out the bin every service call. Clean, especially at the holes on the sides of the bin</p>  <p>Clean</p>	<ul style="list-style-type: none"> <li>◆ Empty Hole Punch Waste</li> <li>◆ Remove dirt, paper dust, NCR residue and toner from the Pro Punch and Finisher rollers</li> </ul>  <p>Die Guide Cleaning: every <b>500k</b> cycles</p> <ol style="list-style-type: none"> <li>Remove the Die Set and clean the guide[1] with a vacuum cleaner.</li> </ol>	



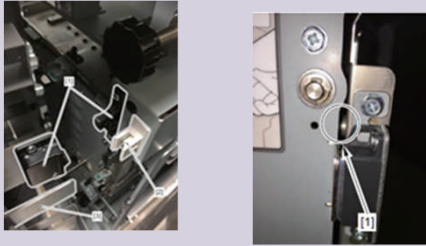




# iR ADV6500/8500 Advanced Maintenance Guide

## Maintenance Process

Procedure	Detail & Action	Note	Time
<p><b>M18</b></p> <p>Multifunction Professional Puncher- A1</p> <p><b>Optical sensor Cleaning (IRA 85xx series only)</b></p> <p>Do not need to do this every service call. Recommended at 500K. depending on customer use and environment.</p>		<p>Use canned air to blow the debris off each sensor.</p> 	<p>Clean</p>  <p>5 min</p>
<p><b>M19</b></p> <p>Multifunction Professional Puncher- A1</p> <p><b>Idler Roller &amp; Springs, Steering Idler Roller &amp; Springs, Drive Roller &amp; Steering Drive Roller Inspection &amp; Cleaning (IRA 85xx series only)</b></p> <p>Do not need to do this every service call. Recommended at 500K. depending on customer use and environment.</p>		 <p>Inspect the springs at the end of each idler rollers. Make sure they are correctly hooked, Inspect the Bearing housing</p> <p>Clean the Idler Rollers with a soft cloth and alcohol. Inspect for wear patterns or grooves. Roller surface should be smooth.</p> <p>Clean all Drive Rollers with a clean cloth and alcohol. Should be free of toner deposits, wear marks, scuff marks, dents, etc.</p> 	<p>Clean</p>  <p>10 min</p>

# iR ADV6500/8500 Advanced Maintenance Guide

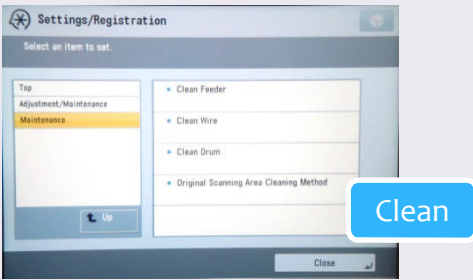

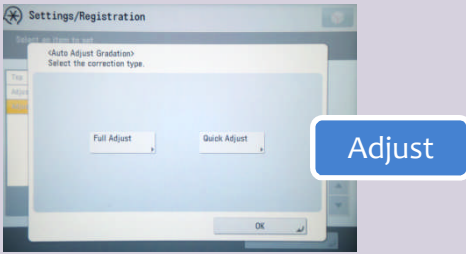
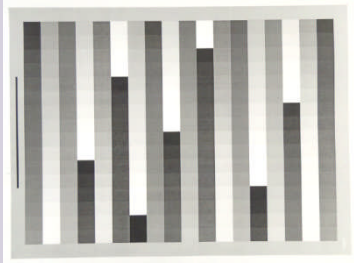

## Maintenance Process

Procedure	Detail & Action	Note	Time
<p><b>M20</b></p> <p>Multifunction professional Puncher- A1</p> <ul style="list-style-type: none"> <li>Door Latch Inspection</li> <li>Panel Latch Inspection</li> </ul> <p><b>(IRA 85xx series only)</b></p> <p>Do not need to do this every service call. Recommended at 500K. depending on customer use and environment.</p>		<p><b>Door Latch:</b></p> <ul style="list-style-type: none"> <li>✓ Ensure latch holds door closed.</li> <li>✓ Ensure switch is activated when the door is closed</li> </ul> <p><b>Panel latch:</b></p> <p>Magnetic latches on the Entrance &amp; Exit Idler Panels, and Upper Bypass Idler Assy' hold the Idler Panels in place, which in turn keep even pressure on the idler rollers</p>	<p>Visual Check</p>  <p>3 min</p>
<p><b>M21</b></p> <p>Check to make sure the Machine and Accessories are all leveled</p>	 <p>Secure the cables at the rear of the Pro Punch to prevent them from being pulled loose</p> 	<p>◆ <b>Point:</b></p> <ol style="list-style-type: none"> <li>The <b>Vertical Gaps</b> between the Machine and all of the accessories should be <b>Even from Top to Bottom.</b></li> <li>If necessary, first make sure the machine is level, then level each accessory starting with the one closest to the machine then proceed downstream.</li> </ol> <ul style="list-style-type: none"> <li>✓ Advise the end user to make sure the <b>Power Cables</b> remain securely fastened</li> <li>✓ Advise the customer to instruct the cleaning personnel not to disconnect any <b>Power Cables</b></li> </ul>	<p>Visual Check</p>  <p>5-15 min</p>





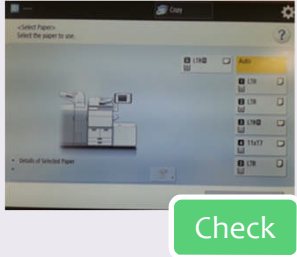

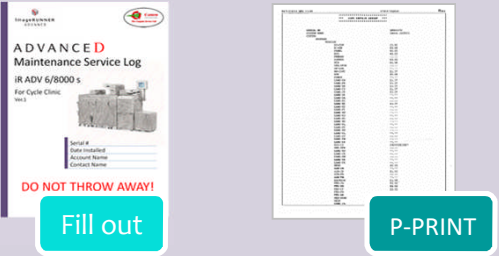


# iR ADV6500/8500 Advanced Maintenance Guide

Common Process (After)

Procedure	Detail	Note	Time
<p><b>C12</b></p> <p>Execute Drum Cleaning and Wire Cleaning in User Mode</p>	<p>1. Settings/Registration&gt;Adjust/Maintenance&gt;Clean Wire and Clean Drum</p> 		<p>Clean</p> 
<p><b>C13</b></p> <p>Auto Adjust Gradation</p>	<p>1. Auto Adjust Gradation Settings/Registration&gt;Adjustment/Maintenance&gt;Adjust Image Quality&gt; Auto Adjust Gradation</p>  	<p>◆ <b>Point:</b></p> <p>1. If the machine has an imagePASS, perform calibration for imagePASS after performing Auto Adjust Gradation.</p>	<p>Adjust</p> 

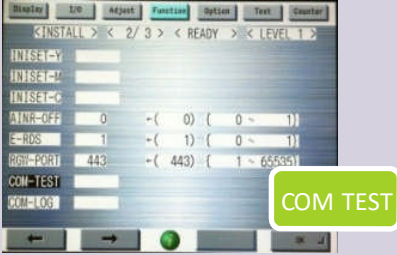



# iR ADV6500/8500 Advanced Maintenance Guide

Common Process (After)

Procedure	Detail	Note	Time
C14 Make Samples (After Sample)	Take following Copy/Print samples from Copy from ADF and Copy Glass. 1. PG5                                                            2. CA7 	If you still find that you have a CQ issue . check the ADV Topics. ( ADV8500/6500 is similar in hardware to ADV8/82/6/6200 series)	Check 
C15 Test paper Feed	Make copies from All Cassette at least 5 each from ADF.  <ol style="list-style-type: none"> <li>1. Cassette 1</li> <li>2. Cassette 2</li> <li>3. Cassette 3</li> <li>4. Cassette 4</li> <li>5. Bypass tray</li> <li>6. Side Paper Deck</li> </ol>	◆Point: Make following jobs. 1.Double sided 2.Staple 3.Hole punch If you see the JAM, find the cause and fix that issue.	Perform C14 and C15 at the same time to save time 
C16 Complete Documentation and have Customer Test the Machine	<ol style="list-style-type: none"> <li>1. Service Log</li> <li>2. P-PRINT</li> </ol> 	◆ Point: <ol style="list-style-type: none"> <li>1. Let the customer print the test prints from their PC while completing the documentation.</li> <li>2. Write down <u>detail action and all parts name and parts #</u> in service log for next visits.</li> <li>3. If you change the service mode value or update the system software, take the P-Print and keep with the Service Log.</li> </ol>	Fill out  P-Print 

# iR ADV6500/8500 Advanced Maintenance Guide

## Common Process (After)

Procedure	Detail & Action	Note	Time
<p><b>C17</b></p> <p>Perform COM-TEST</p> <p><b>iWR enabled Symbol</b></p>	<ol style="list-style-type: none"> <li>1. Check the ADS and make sure the Monitor symbol is indicated.</li> <li>2. If the Monitor symbol is indicated, execute COM-TEST. If not, do not execute COM-TEST.</li> </ol> <p>➤ <a href="#">COPIER &gt; Function &gt; INSTALL&gt;COM-TEST</a></p> 	<p>If COM-TEST is NG, resolve this issue.</p>	<p>Check</p>  <p>1 min</p> <p>COM TEST</p>  <p>1 min</p>
<p><b>C18</b></p> <p>Communicate to the customer that you are leaving</p>	<p>Ask the customer if everything was addressed. Do they have the necessary supplies and ask if they are satisfied with your service.</p>	<p>◆ Address all customer issues with your service manager. Ensure they are resolved or addressed, whether they are administrative, service related or sales oriented.</p>	<p>Scan</p>  <p>1 min</p>