

Canon ImageRUNNER Advance: Auto Gradation Adjustment

This function is a great first step to fixing color quality issues when copying/printing by adjusting the density of the toner laid onto the paper.

What is Auto Gradation Adjustment?

This is a function that adjusts toner density (darkness) on the paper when printing/copying. This will help with the color accuracy and image quality. One reason a gradation may need to take place is doing a print/copy job on heavy paper/media. (Different thickness or different paper may use toner differently.) The machine has options to adjust for multiple thicknesses.

- 1. On the panel of the copier, select the Settings/Registration button.
- 2. Log in if necessary.

 Select the following path to access Auto Adjust Gradation.
Adjustment/Maintenance >>Adjust Image Quality>>Auto Adjust Gradation.

4. Choose the thickness of paper to adjust for: Plain/Heavy 1 or Heavy 2-7.



| Select an item to set. | | |
|--|----------------------------------|------|
| Top | = Auto Adjust Gradation | |
| Adjustment/Maintenance Adjust Image Quality | Auto Correct Color Tone Settings | |
| | Correct Density | |
| | Correct Shading | 1. |
| t Up | Auto Correct Color Mismatch | |
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- 5. Recommend completing a Quick Adjust before completing a Full Adjust to align the color registration.
 - a. Full Adjust:
 - i. Best to use when color or image quality needs to be adjusted.
 - b. Quick Adjust:
 - i. Nice option for a short adjustment. Use when:
 - 1. Machine receives frequent calibrations as routine maintenance.
 - 2. Color specific job coming up.
 - 3. Machine linearization before Fiery/Controller calibration.

| <auto adjust="" gradation=""> Select the type for adjustment.</auto> | Adjustment will begin. | |
|--|------------------------|---|
| PainHeary 1 Heary 2-7 | Start | <quick adjust=""> Adjustment is complete.</quick> |

6. When the Quick Adjust is complete, perform a Full Adjust.

Full adjustment performs precise linearization by outputting and scanning test prints. The machine will print out 4 test pages, and have the end user scan them in to adjust.

7. Select the drawer that contains the paper type to adjust and select OK.



| <select paper=""></select> | | | | |
|---|---|---|---------|---|
| Select the drawer that contains the paper type to adjust. | | | | |
| Allowed paper: A3, A4, 11x17, and LTR; Plain and Heavy 1 | | | | |
| | | Γ | | D |
| | | | I LTR | |
| | | | E LGL | |
| | | | I 11x17 | |
| Details of Selected Paper LTR | | | | |
| Plain 1 (17-20 lb bond) | • | | | 5 |
| | | | OK | - |

QUICK GUIDE

8. Select the "Start Printing" button to print the first of 4 test pages.

9. Place printed test page on glass, then select the "Start Scanning" button.

10. Repeat 3 more times until machine says <Full Adjust>... Adjustment is complete.

Note: The adjustment may take a few minutes.

11. Close out of Settings and Registration once completed.



Auto Correct Color Mismatch

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