

# I ADJUSTMENT/SETTING

## 5. SERVICE MODE

### 5.3 Machine Adjustment

#### 5.3.24 Printer Gamma Offset Auto. (RU) (Quality Adjustment - Printer Gamma Adjustment)

##### (1) Function

Adjust the gradation and the background density in a high light area automatically by changing the printer gamma curve.

##### (2) Usage

Conduct this adjustment when the color reproduction varies depending on the screen selected in the copy mode.

##### Note

- Be sure the Gamma Automatic Adjustment has been adjusted in advance. (Refer to )
- Do not use colored paper or embossed paper for this adjustment. When using colored paper or embossed paper, this adjustment is not performed properly.
- To adjust the printer gamma, perform this adjustment. When a fine adjustment of the printer gamma is required, perform "."
- This adjustment is available when RU-508 or RU-509 is connected.

##### (3) Procedure

1. "Service Mode Menu screen"  
Press [01 Machine Adjustment].
2. "Machine Adjustment Menu screen"  
Press [03 Quality Adjustment].
3. "Quality Adjustment Menu screen"  
Press [01 Printer Gamma Adjustment]
4. "Printer Gamma Adjustment screen"  
Press [05 Printer Gamma Offset Auto. (RU)].
5. "Printer Gamma Offset Auto. screen"  
Press [Next] or [Previous] to select the screen you want to adjust.

##### Note

- The adjustable screens are the same as the ones in Printer Gamma Offset Adj.
- The printer gamma offset value of each YMCK displayed are the current values, and they are linked with the "Printer Gamma Offset Adj." values.

6. Press [Readjust]. To readjust, press [Yes], and press [No] to cancel the operation.

##### Note

- When the gradation in high light area is way off, press [Reset Adj. Data] to reset the printer gamma offset value to 0, then press [Readjust].

7. Press [Print Mode].
8. "PRINT MODE screen"  
Select the paper tray. Press the Start key to output the test pattern.

##### Note

- Each set of test patterns to measure the color and to check result is outputted in twice.

9. "Printer Gamma Offset Auto. screen"  
Returns to the adjustment screen automatically when test pattern is printed.  
The color of the test pattern is measured and the current YMCK values are updated.  
Confirm that the message "Completed normally" appears.
10. When a message other than "Completed normally", an error code is displayed for every cause. Correct the error referring to the following and repeat steps 7 to 9.

Error code	Error	Countermeasures
Error 5	Standard value cannot be obtained. (Readjust)	Readjust
Error 14	Startup is out of the adjustment standard	Readjust
Error 18	Output paper sensor value abnormality	Readjust or replace the output paper density sensor