

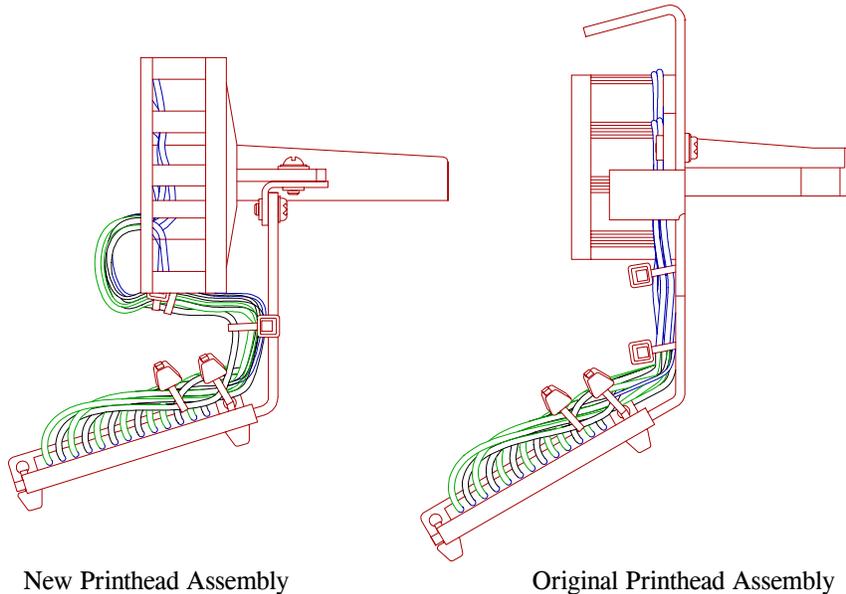
## RELEASE OF THE NEW XL 300 AND XL 300 DD PRINTHEADS

All XL 300 and XL 300 DD units manufactured after August 31, 1992 (Serial # 336197) contain a new style printhead with improved performance. This new printhead can be operated with the printhead adjustment (detent) lever positioned farther from the form than with the previous printhead. This provides longer printhead life, improved paper handling, and enhanced print quality on multi-part forms.

### Service Replacement

The new printheads (AAB-106057-Z XL 300 Printhead Assembly and AAB-106059-Z XL 300 DD Printhead Assembly) replace the original style printheads (AAB-105831-Z XL 300 Printhead Assembly and AAB-105832-Z XL 300 DD Printhead Assembly). The new style printheads must be used on units built after 9/1/92 and can be used on previously built units. The original printhead assembly can still be used as replacements on units prior to serial number 336197, but cannot be used to replace the new style printheads.

Review the following illustrations to identify the type of printhead currently in your printer:



### Installation

The installation instructions for the new printhead assembly are the same as the previous printhead. Please refer to the product maintenance manual. The platen gap specification of .012 +/- .001 measured with the printhead adjustment (detent) lever in the first position, remains the same.

**Please leave the attached "IMPORTANT USER INFORMATION" with the printer operator.**

## **IMPORTANT USER INFORMATION**

### **How to Get the Most From Your Printhead**

Setting the proper gap between the printhead and the form being printed provides the following benefits:

- Increased printhead life
- Reduced ribbon smudging
- Improved paper handling
- Enhanced print quality
- Reduced risk of printhead damage

The gap is set by using the Printhead Adjustment Lever as described below. The proper setting will vary depending on the type, age and thickness of the form and slight differences between individual printheads and printers. Therefore, setting the proper gap is a trial and error process.

#### **To Set the Proper Platen Gap:**

1. Pull the Printhead Adjustment Lever to the position farthest from the form.
2. Load the form to be printed and set the margins as necessary.
3. Run a print test (set feature 99) with the lever still in the farthest position from the form.
4. If the print sample is not acceptable, move the printhead closer by one position. Run another print sample. Continue this process until an acceptable print sample is produced.

#### **Please Note:**

- Moving the printhead closer to the form after acceptable print quality has been obtained will cause excessive printhead wear.
- If ribbon smudging or paper handling problems occur, the printhead is too close. Move the Printhead Adjustment lever away from the form.
- When using multipart NCR forms, allow time for the ink to cure on the copies. Separating the forms immediately after printing produces lighter print on the copies than will actually be produced in normal operation. Consider this when assessing print quality and adjusting your printhead gap.