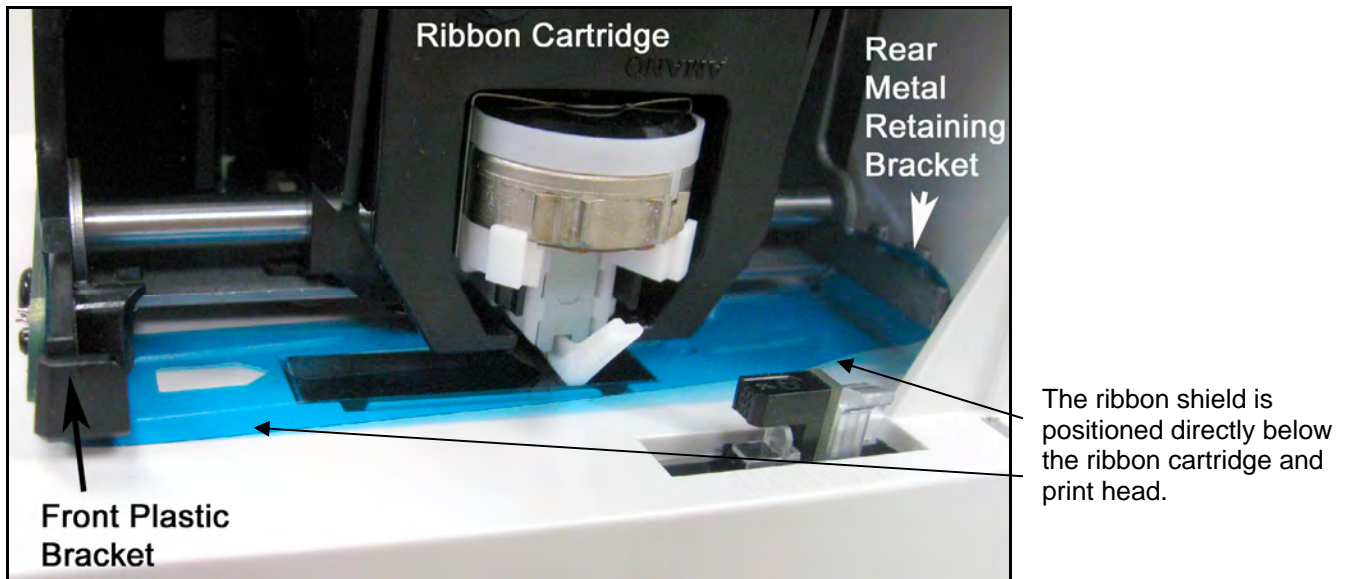


## PIX-75/TCX-85 Ribbon Shield Replacement Instruction Sheet

### Introduction

Over time, it is possible that the PIX-75/TCX-85 ribbon shield (a blue plastic strip) may become torn or otherwise damaged, requiring the replacement of this part. Damage to the ribbon shield may be caused by miss loading or forced insertion of a time card, causing stress to the part.

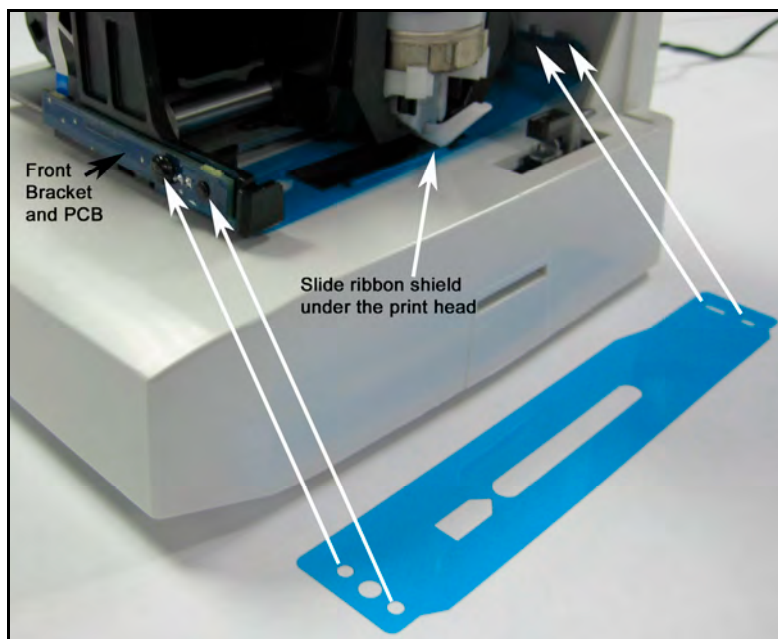
As seen below, the arrows point to the ribbon shield addressed in this document:



The purpose of the ribbon shield is to protect the ribbon and the print head from damage. It is not recommended to operate the time clock with a damaged ribbon shield.

### Installation Overview

The ribbon shield mounts to the time clock using a metal bracket in the back and a plastic bracket in the front, as seen below:

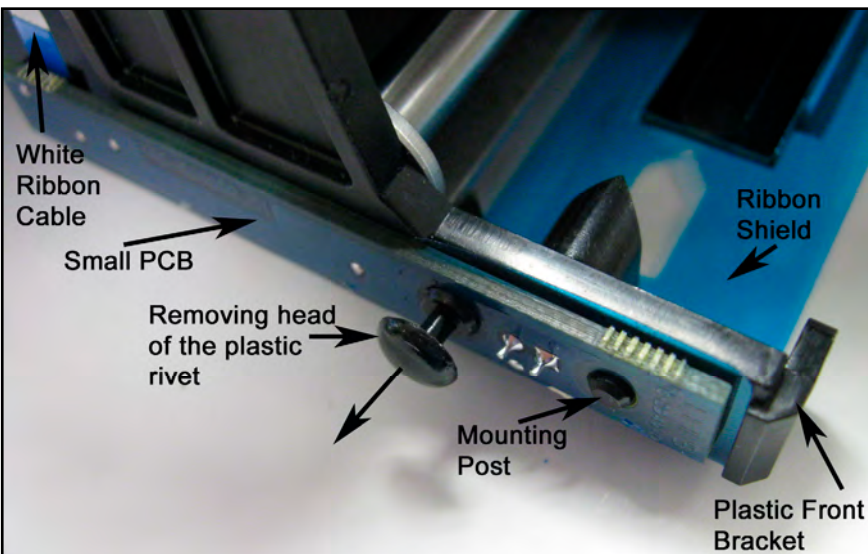


The instructions that follow describe the installation step-by-step.

Please follow the instructions as the ribbon shield can be damaged if improperly mounted.

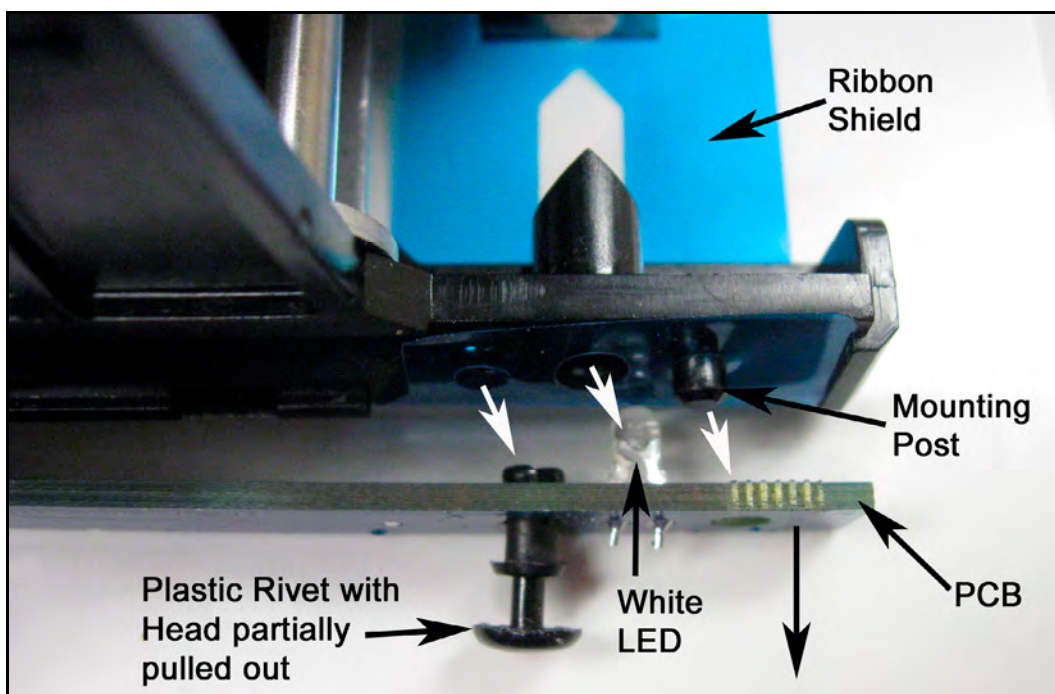
## Installation Instructions

1. Place the time clock on a flat surface, **unplug the clock** (to prevent injury) and remove the cover.
2. Gently pry off the plastic rivet located on the front bracket (see figure) to release the small PCB with the white LED. Remove the head of the 2-piece plastic rivet to make removal easier. See picture below showing 2 pieces of rivet.



**\*\*Be careful when removing the plastic rivet: If too much force is used, the PCB could be damaged.\*\***

3. Carefully pull away the PCB paying attention not to damage the white ribbon cable attached to it. This will expose the mounting post on the front plastic bracket which is used to retain this end of the ribbon shield.
4. Gently slip the old ribbon shield off the mounting post (see arrows in figure).





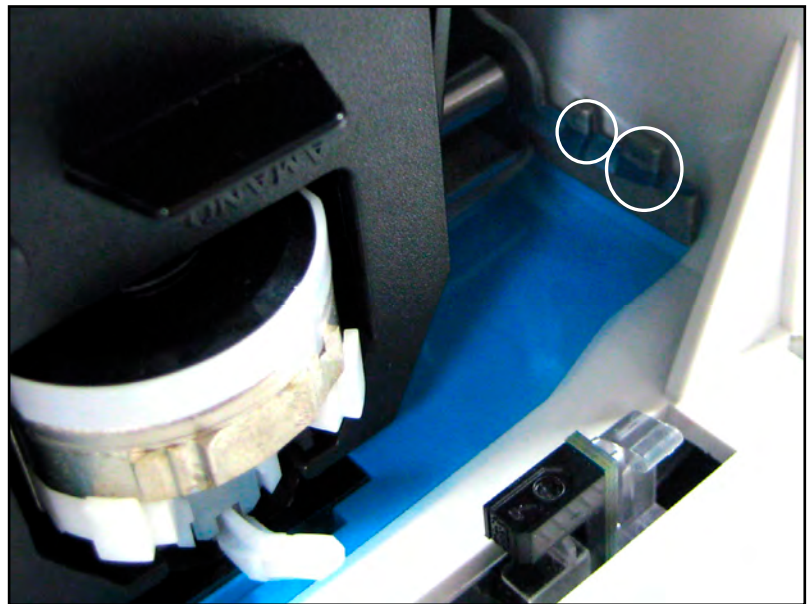
5. Next detach the ribbon shield from the 2 retaining tabs on the rear metal bracket and remove the old ribbon shield.

6. Insert the new ribbon shield into the time clock, sliding it under the ribbon cartridge and under the metal bracket. Slide the shield until it appears slightly above the metal bracket in the rear of the clock.

7. Fold shield over the two retaining tabs on the metal bracket (circled, in right-hand figure) to retain the shield on the bracket.

8. The shield should now be partially locked in place with the rear metal bracket.

9. Maintain light tension on the shield so that it does not come off the tabs on the metal bracket.

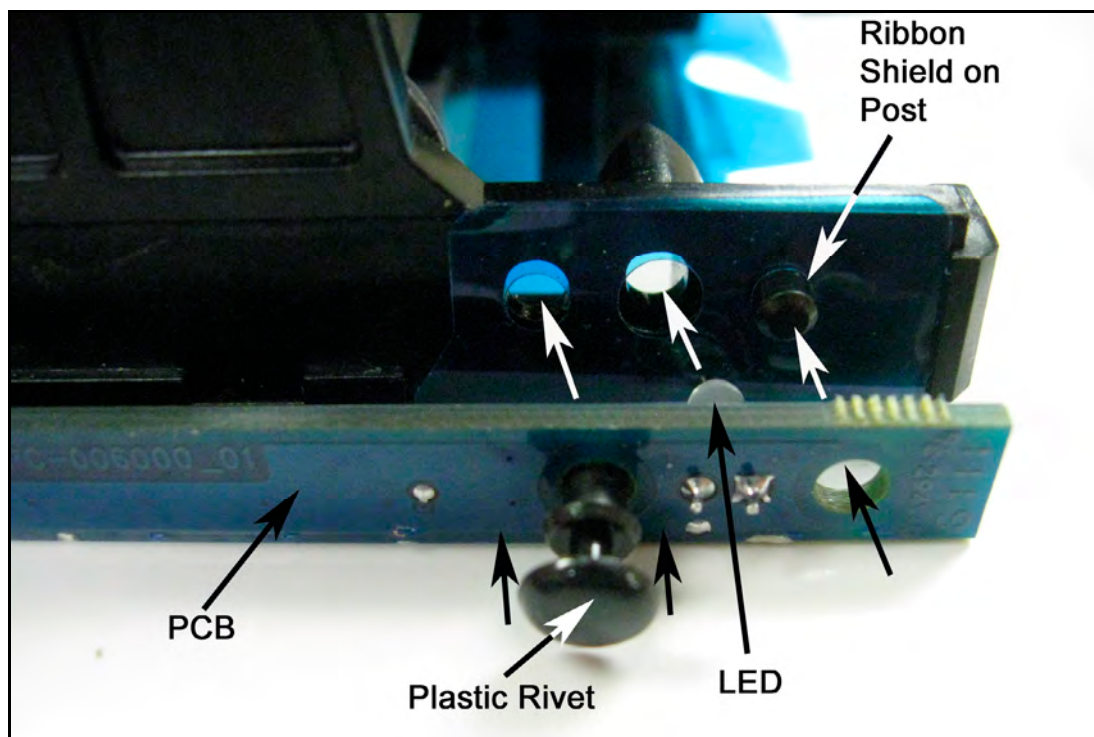


10. With fingers, grasp the front end of the shield and mount the new shield to the front plastic bracket by sliding the appropriate hole in the shield over the post as shown. The remaining 2 holes in the shield should line up with the 2 holes in the front plastic bracket. Do not use any tool to position the shield as the shield can be easily torn.

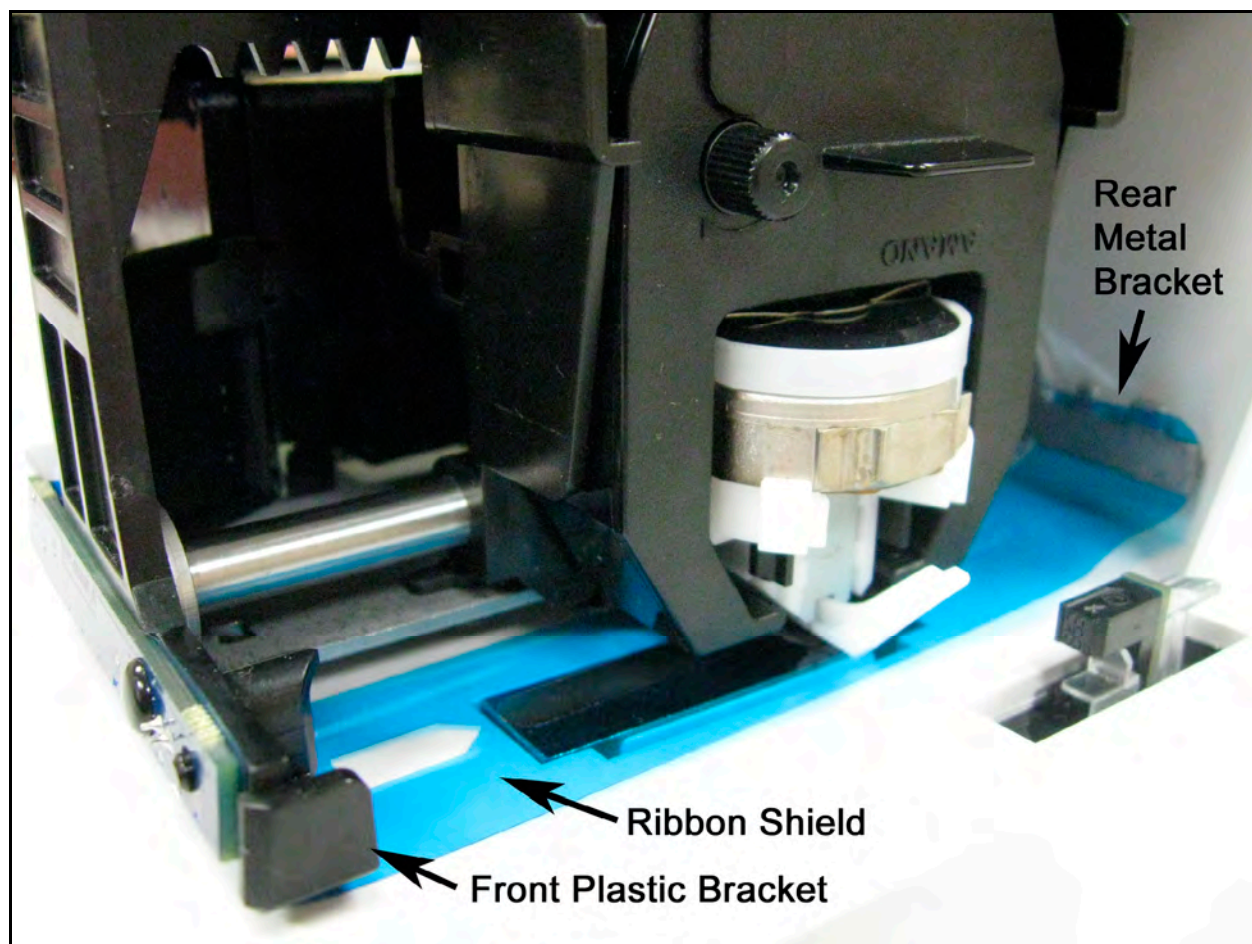
11. After successfully mounting the shield to the post in the front plastic bracket, replace the PCB (the LED should be in the center hole) in the front plastic bracket as shown:

12. Next slide the plastic rivet removed in **Step 2** through the remaining left-hand hole to complete the mounting of the PCB to the front plastic bracket.

13. The plastic rivet should snap into place:



14. The bracket and ribbon shield look similar to below:



15. Return the time clock's cover. Plug in the clock. The installation is complete.

## Ordering

Replacement ribbon shields may be ordered from [www.amano.com](http://www.amano.com)

Part Number: AJR-600600

Need Ribbons, Keys and Accessories?  
Visit  
[www.amano.com/time](http://www.amano.com/time)  
Or call 1-800-253-9836



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