

P4280 and DEC LG06 Hammer Fret replacement procedure.

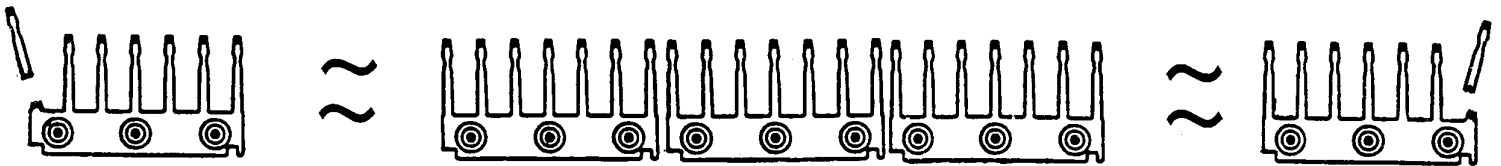
This document will describe proper installation of the 7 position hammer fret used in Printronix P4280 and the DEC LG06 printers.

IMPORTANT

There are a total of 7 hammer frets in this printer, each fret has 7 hammers springs on it.

Not all hammer springs are used on the shuttle assy. When examining the whole shuttle assy, the far right hammer spring, and the far left hammer spring are not used, and must be broken off. If you replace the far right or far left fret, you must break off 1 hammer spring on each, This is done on the far right and far left frets only!

All 5 middle frets are left complete. See figure below.



Left fret, you must break off the leftmost hammer spring

The 5 middle frets, you install as usual, don't break any hammer spring

Right fret, you must break off the rightmost hammer spring

When breaking off a hammer spring, hold fret in hand, by it's base, and use a pair of needlenose pliers to break off the hammer spring.

It is imperative that you hold fret in hand by the base of fret, and not by the hammer springs themselves, or damage can occur to fret and hammer springs, and void the warranty.

(Please refer to Printronix maintenance manual P/N 155064-001 for the following procedures)

Removal

1. Prepare printer for maintenance.
2. Remove the shuttle frame assembly.
3. Remove the hammer bank cover.
4. Remove the three 5/64 inch socket screws from old hammer fret.

(Note: If there is ink residue under fret on hammer bank mounting surface, wipe surface clean with a clean dry cloth.)

Installation

1. Remove the new fret from package.
2. Install the new fret on hammer bank mounting pins and press it into position.
3. Re-install screws, All 3 screws should be installed and lightly snugged up, screws should then be torqued to 8 in-lbs, starting with the center screw, then the left screw, then finally the right.
4. Install the hammer bank cover.
5. Return printer to normal operating configuration.
6. Run self test to verify print quality.