

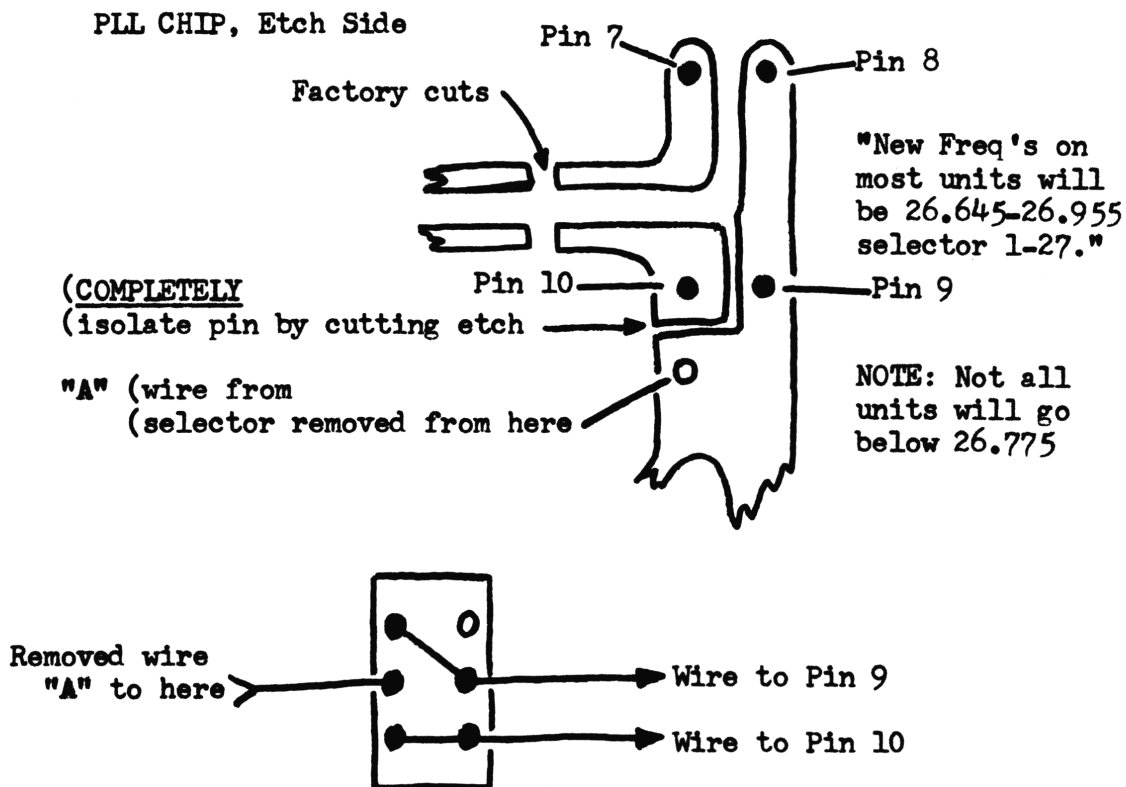
ANOTHER - PLL02A AM MOD?

YEP..! BUT, this one is for those units you may have run across that won't work on the standard 02A AM mod. - These 'units' are the "3 crystal 02A chassis"; really were 'left-overs'; factory-converted from 23 channel to 40 channel. (Standard 02A AM mod. works only on the 2 crystal 02A chassis which is the 'true 40 channel chassis'.... NOTE: SCB Kits #'s 83-1 and 83-2, will work only on the 2 crystal chassis.)

'Factory converted' units are easy to spot from the 3 crystals, and the etch being cut on bottom of PCB under the PLL chip. Known units at this time are: HYGAIN Mils. 2679, 2679A, 2682, 2701; PEARCE-SIMPSON - Tiger 40A; if anyone runs into any additional units pass the Brand/Mdl.# on...

You will immediately notice that PLL pins 8, 9, and 10 are tied together. Pin 10 has to be completely isolated for low frequencies.

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- To modify for LOW Fo's, follow instructions and use drawing below:
1. Remove wire running from the channel selector to Pin 10 of the PLL chip at the PCB end.
 2. Completely isolate Pin 10 of the PLL chip by cutting the etch as shown in drawing.
 3. Use an existing 'cleaned-off' switch that has been hard-wired or a DPDT switch, and wire up per drawing.



Realign PLL ckts for overall frequency spread in this order: T101, T111. For overall broadbanding tune for RF output power: L103, L104, T102, T103, L106, L109, L110. (These units usually have a 2SC1306 Final, so pour it on.) NOTE: See Vol. 15, Pg.65; for Power Modification of this unit.....OMIT STEP 8....of the write up!!! If you need more modulation, remove C209; first adjust AMC-RV102!