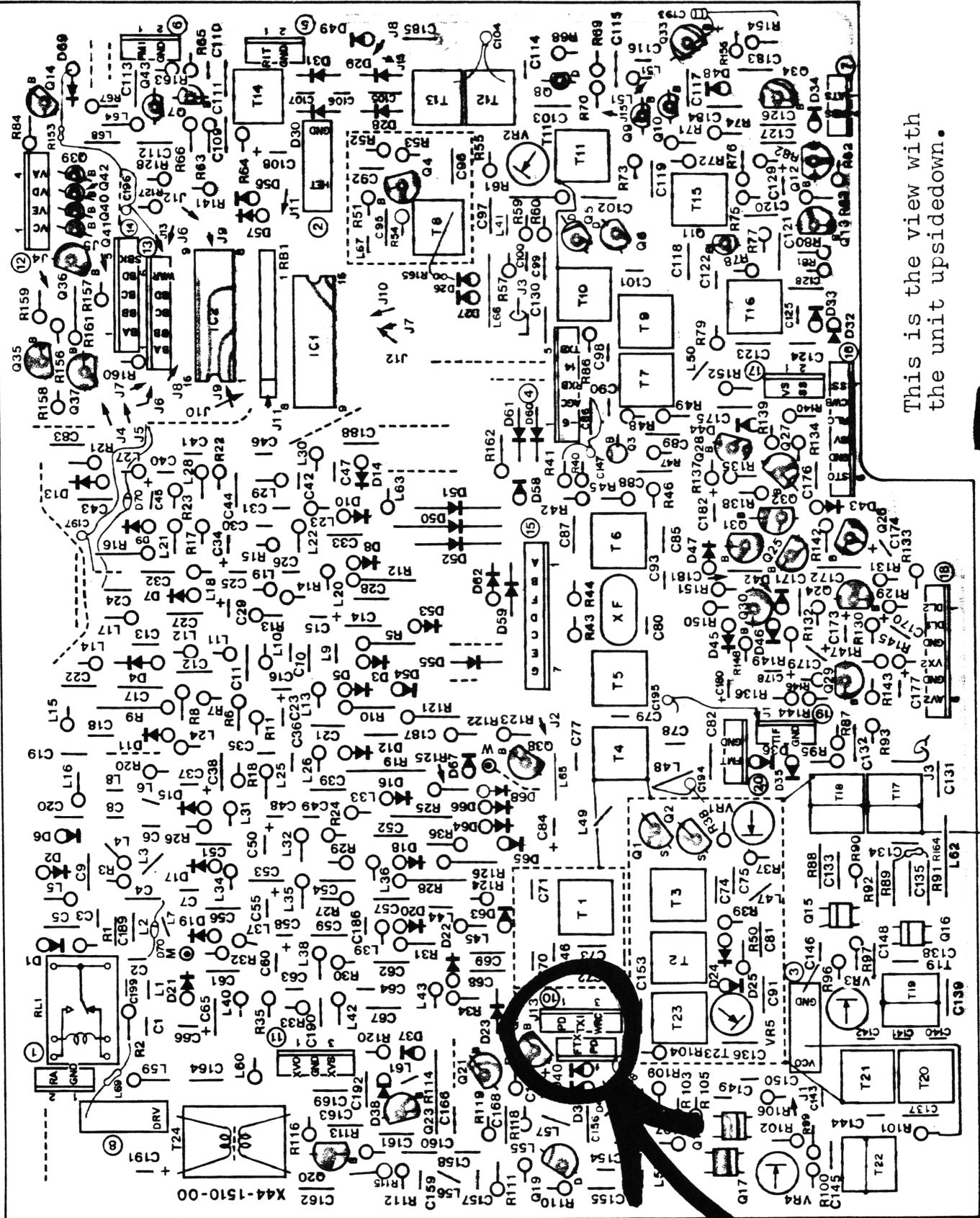


TS-430S PC BOARD VIEW

RF UNIT (X44-1510-11) Component side view

2-15-84



This is the view with the unit upsidown.

FRONT

Pull the plug with three wires to unlock transmit frequency (#10).

2SA1015
2SC1815
2SC1959
2SC2703

2SC2538

2SC460

2SA562

2SK125

3SK73

3SK74

MV-13

2SC2603

2SK192A

KENWOOD TS-430S

To get on the 11 Meter band: (Two different mods., suggest you try #1 first).

CLIP wires with #1 and #2 but Leave #3 as is
~~#1. Remove J-10 on the RF Board. (That's it, no re-alignment needed)...~~

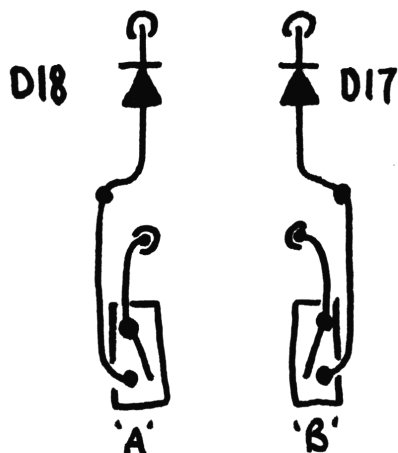
#2. Remove D39 on RF Board, remove R148 on Control Board-near TXE.
(No re-alignment either).

**I don't know what this is but for: W.A.R.C. Band, remove White jumper on R.F. unit #X44-1510-00...??? Input wanted as to what WARC is...???

YAESU FT-102

1. Remove lower case.
2. Locate the Local Unit (PCB) PB-2345, on lower side of radio.
(Refer to BOTTOM VIEW on page 38 of FT-102 Instruction Manual).
3. Remove D-18 from circuit for 11 Meter operation, 29.0 - 29.5 now becomes 27.0 - 27.5.
4. Set PRESELECT on front panel to 8, RF AMP to ON, BAND SELECT on 29.0 ...
5. Locate T1009 on RF Unit (page 44, of manual), adjust for maximum noise level.

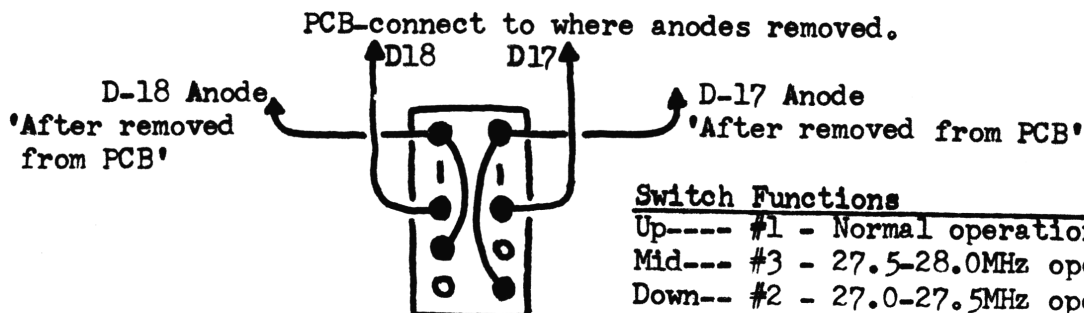
* An alternate modification to enable full 27.0 - 30.0MHz operation is shown below:



*Remove Anode side from PCB on both D17 and D18. Solder wires to diodes and to where removed as shown. Wire switches accordingly. Fo Table below:

	SWITCH	BAND	FREQUENCY
A*#1	A - closed	Any	Normal
	B - closed		
A*#2	A - open	29.0	27.0-27.5
	B - closed		
A*#3	A - closed	28.5	27.5-28.0
	B - open		

A* Same modification using SCB switch Item #145, Fo's are (A* reference above).



Switch Functions	
Up----	#1 - Normal operation
Mid---	#3 - 27.5-28.0MHz oper.
Down--	#2 - 27.0-27.5MHz oper.