

## HINTS/KINKS/GOOFS

As usuall all information utilized in this column does not receive a free volume. However have reviewed info sent in for use here and put it elsewhere, and many have received the Free-bie! So, keep them coming.....

Goof: Drifting in PLL/Clarifier circuitry, did it to myself!  
Solution: When changing capacitors in above circuitry; use NPO disc type; and won't have this problem..

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AGAIN-LAST TIME: Relays for 858 SSB chassis, Sources -  
Radio Shack (Special Order) Cat. No. 21-1562; Relay-RL027, Man. P/N: 2RLY027001  
Uniden (Special Order) Grant-858; Item No. RL1; Part Name-Relay, P/N: 2400-001  
Dynascan-Cobra (Special Order) Cobra 139XLR; Item No. RL1; Part Name-Relay;  
Part No. 441-017-9-001.  
Midland (Special Order) Midland 79-893; Item No. RL1; Part Name-Relay;  
Part No. 79-105001.

Fact....Radio Shack is getting \$16+ for this relay. Have no input on what the others are getting. Also still have found no source for these at wholesale/reasonable price...

NOTE: A lot of people are buying new relays when it isn't necessary. Take off the plastic case and disassemble the relay to where you can get a burnishing tool inside where the center contacts are and burnish. Be careful when taking spring on/off, or will spend some time trying to find that small spring. If burnished carefully will last a long time.

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Cobra 2000, Dual Clarifier Pot: If you want to order to customize unit, be advised that Dynascan is getting \$12.50+ for it! WITHOUT knobs and knob collets.... Note: Shafts are too short for putting in 148GTL-DX...

'Nurd' Channels? Re: SCB Vol. 11, Pg. 19...These are the left out Fo's between Ch. 1 and Ch. 40 (26.995, 27.045/.095/.145/.195MHz)

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Courier Galaxy - Problem with low modulation even after disabling AMC? Check R-90; SAMS says 15K, but have found 33K in everyone checked.. Change to 10K and plenty of it, will probably have to put the AMC in ckt.

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Problem on Pres. Madison breaking up on LSB on Tx; Mod. scratchy; Low Pwr! AM and USB had everything O.K....Found LSB Voltage source erratic, cause was the AM/USB/LSB switch dirty - cleaned switch! Cleaned up problem too!

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Tristar 747 - Problem scratchy sounding transmission on SSB.... Check for missing part around Q38 circuitry, C184! Should be 470Mfd/16V electrolytic there. If after replacing doesn't clear up problem, change Q38 (2SD325) to a 2SD839.....This should clear up everything...

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CAUTION: GE 3-5811B, markings on the rear of chassis are correct as to plug polarization...Bass-Ackwards! if you don't have the DC power cord that came with it originally. Reverse wires inside unit, and re-mark the outer case PERMANENTLY for standard cable!

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CHECK THE POWER SWITCH: On older units that have been in service for a while problems seem to crop up intermittently. Jump the power switch, carbon builds up on the contacts and loose current under load. Don't clean them - Replace!