

TRISTAR 747 - SLIDE MODIFICATIONS (2)

. . . . See OOP'S, this volume! . . . .

RE: Schematic on Vol 15, pg. 58 is the correct one for 747.

- Mod. #1
- A. Remove R18 (18K), no replacement.
  - B. Remove D7, no replacement.
  - C. Remove D6, replace with solid buss wire.
  - D. Remove R17 (68K), no replacement.
  - E. Replace D1 (Varactor Diode) with a 'Super Diode'.
  - F. Solder a Red wire from un-used terminal on the clarifier pot, to emitter of Q38 (9.4VDC). THAT's it....
- Mod. #2
- A. Disconnect D6 and D7's cathodes from PCB.
  - B. Disconnect the wire coming from the center terminal of the Clarifier pot at the PCB.
  - C. Connect this wire to where D6's cathode was removed; (or to point 7 on the crystal board).
  - D. Connect the unused terminal of the clarifier to Q38's emitter (9V Reg.).
  - E. On the crystal board, replace R7 (100K) with a 10K  $\frac{1}{4}$ W 5% resistor.
  - F. If more slide is desired, place 'Super Slide' in series with D1's anode and ground. Or just replace D1 with a 'Super Diode'. THAT's it....

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COBRA 25LTD (UPDATE)

Following changes add more power/modulation...

1. R76 (3.3K), change to 1K.
2. R53 (47K), change to 22K.
3. C89 (.033Mfd), change to 2.2Mfd (Note: make sure the + side isn't next to the I.C.).
4. If more drive is needed the final may be changed to 2SC1307 or ECG-236..

NOTE: Schematic of this unit is needed for our files...