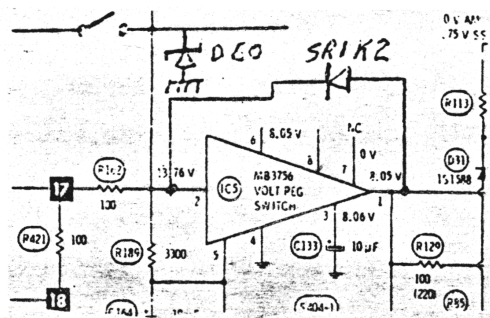


Cobra Communications

# TECHNICAL BULLETIN

## Number 1226

- TO:** ALL COBRA WARRANTY STATIONS  
MODEL 140GTL - 142GTL - 148GTL.
- SUBJECT:** REGULATOR IC SHORTING OUT IN THE 140GTL, 142GTL, AND 148GTL. IC-5 (140, 142GTL), IC-4 (148GTL).
- SYMPTON:** HIGH AM POWER OUTPUT (10 WATTS) AND LOW MODULATION WEAK OR NO RECEIVE.
- SOLUTION:** REPLACE IC-5 (IC-4 FOR 148GTL) AND CHANGE D-60 (D-44 FOR 148GTL) TO A 18.2 VOLT ZENER DIODE. ADD A SR1K2 DIODE FROM PIN 1 TO PIN 2 OF IC-5 (IC-4 FOR 148GTL). (USE DIODE REMOVED FROM D-60/44).
- ADJUSTMENTS:** NONE REQUIRED.



DYNASCAN PART NOS. SR1K2 151-045-9-001  
SUB. 16.2 VOLT ZENER 152-057-9-001. 18.2 VOLT ZENER (P/N N.A. AS YET)  
TO BE USED WHEN IN STOCK

**NOTE:** THIS MODIFICATION SHOULD BE DONE ON ALL RADIO'S IN FOR IN-WARRANTY REPAIR. IF IC-5 (IC-4) CHECKS GOOD, ONLY MAKE DIODE CHANGES.

C140GTL PRODUCTION CHANGE POINT S/N 83031001  
C142GTL PRODUCTION CHANGE POINT S/N 83022001  
C148GTL PRODUCTION CHANGE POINT S/N 83015501

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10/78