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).

SYMPTOM: 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.

DIAGRAM:

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

#1226
10/78