

HINT'S AND KINK'S

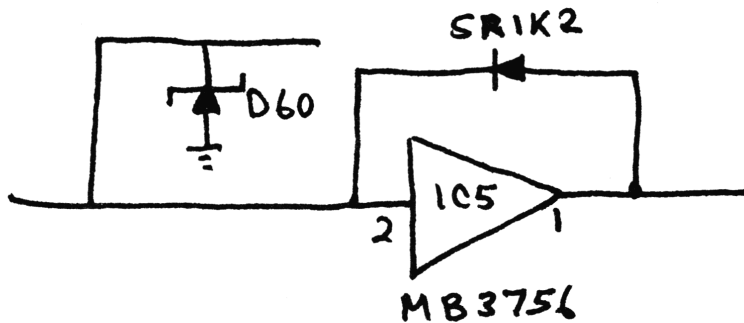
COBRA 140GTL/142GTL/148GTL

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 of 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) Remove from D-60/44.

ADJUSTMENTS: NONE REQUIRED



Dynascan Part numbers 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 radios In-Warranty repair. If IC-5 (IC-4) checks good, only make diode changes.

CUSTOM MODIFIED
D AND/A TO VARIABLE
POWER

