

## Receiver Desensitisation in 9323 & 9360 Transceivers

### Scope

This Service Bulletin applies only to type 9323 & 9360 transceivers with A or B series Serial Numbers that have had their software (EPROMs) upgraded to Version 3. The Serial Number is stamped on a metal plate rivetted to the heatsink fins at the rear of the transceiver.

### Introduction

The introduction of Version 3 software redefined the use of the I/O (Input/Output) ports of IC209 on the Receiver/Exciter PCB (P/No 08-04962-001) within the transceiver. This change produced an effective desensitisation of the receiver of some 10dB. To overcome this, the line from Port 3 of IC209 (Pin 7) should be disconnected. This is best achieved by the removal of resistor R273. Once removed you should note an improvement in receiver performance. Transceivers factory fitted with Version 3 or later software already incorporate this modification.

### Procedure

1. Remove the transceiver top cover.
2. Locate the Receiver/Exciter PCB, part number 08-04962-001.
3. With the front panel towards you, locate R273 (100K ohm resistor).

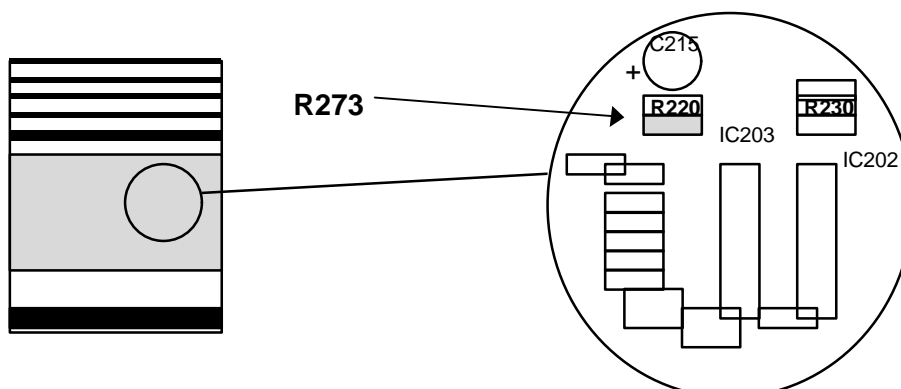


Figure 1 Location of R273

4. Remove R273 from the PCB by carefully cutting both leads with a pair of side cutters.
5. Replace the transceiver top cover.