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RELATED DOCUMENTS:
C/R
08-05322
04-03135
12-05083

9323/9360/9390 Series - Receiver Exciter

1. Scope

Obsolescence of the Phase Locked Loop (PLL) device, NJ8822 and the Mixer device, SL6440 by the manufacturer has resulted in Codan releasing a revised Receiver Exciter assembly. In addition, new software has been released to function with the new Receiver Exciter.

9323/9360/9390 series transceivers with serial number prefix 'E' are fitted with the new assembly and software.

2. Compatibility

The new Receiver Exciter assembly and the new software are compatible with all previous builds of the affected transceivers. The new software may also be used with the old Receiver Exciter assembly (08-04962-001 or 002) as it incorporates an Auto-detect function to identify the assembly being used. Some hardware changes may be necessary. Refer to Information Bulletin IB-00001

The new Receiver Exciter assembly will *not* function with the old software.

3. Part numbers

The part numbers of the new Receiver Exciter assembly are

Receiver Exciter assembly 08-05322-001 or 002

Circuit diagram 04-03135

Software numbers have not altered, only their issue status has been raised.

Issue 4.00 software or earlier are compatible with the old Receiver Exciter assembly. Issue 4.20 or later are compatible with both versions of the Receiver Exciter assembly.

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4. Spares

Stocks of NJ8822 and SL6440 are held to supply spares for the older Receiver Exciter assembly. Conversely the new Receiver Exciter assembly may be substituted along with the new software.

5. Summary

Assembly Number	Software Issue	Compatibility
08-04962-001 or 002 (Old)	4.00 or earlier	YES
	4.10 or later	YES *
08-05322-001 or 002 (New)	4.10 or earlier	NO
	4.20 or later	YES

All YES combinations are compatible with all builds of 9323/9360/9390 transceivers.

* Some hardware changes may be necessary. Refer to Information Bulletin IB-00001