
B Service Bulletin

BULLETIN NO: DM 441B-14
DME Interrogator

EFFECTIVITY

DM 441B, P/N 066-1107-00, -01, -02, -10, and -11, serial number 4787 and below.

Units with serial numbers above those stated have Mod 14 incorporated during original manufacturing.

REASON

To improve receiver sensitivity at 113.80 MHz.

DESCRIPTION

This modification consists of changing a transistor.

COMPLIANCE

Recommended at next scheduled maintenance.

WARRANTY INFORMATION

Warranty credit or payment will be issued for this modification if the unit is still under the original new product warranty and the modification is completed by an appropriately rated AlliedSignal Service Center. A properly completed warranty claim for two (2.0) hours labor plus parts may be submitted.

APPROVAL

This modification does not affect the original approval.

MANPOWER

Two (2.0) hours labor including testing.

REFERENCES

DMS 44A Maintenance/Overhaul Manual, P/N 006-05911-XXXX.

MODIFICATION PROCEDURE

For all DM 441B versions:

1. Access the Receiver Module per the disassembly procedures in the DM 441B Section of the Maintenance Manual.
2. See Figure 1. Remove Q7. Discard L31 and L33. Transfer L32 to the corresponding lead of the new Q7. Install the new transistor Q7, P/N 007-00383-0050.
3. Reassemble the unit by reversing the disassembly procedures.

IDENTIFICATION PROCEDURE

Stamp an X on the Mod Status Tag to indicate that Mod 14 is complete.

TESTING PROCEDURE

Perform a complete functional test of the unit in accordance with Section V of the Maintenance Manual.

MATERIAL INFORMATION

All parts necessary to modify one DM 441B per this Service Bulletin are listed below:

Part Number	Qty	Description
007-00383-0050	1	XSTR 2N2222

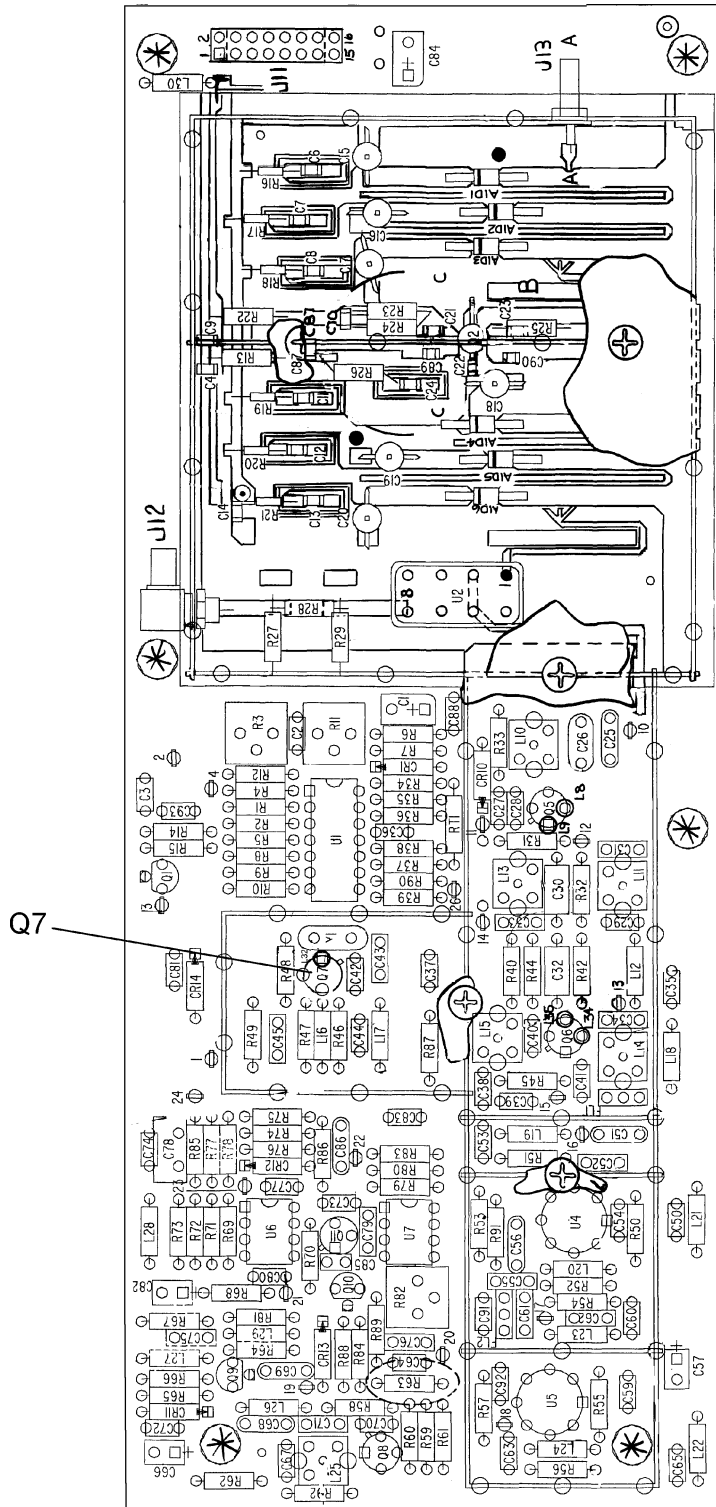


Figure 1
DM 441B Receiver
-00 through -11 versions

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Figure 2
 DM 441B Receiver
 2nd L.O.
 -00 through -11 versions

