



SERVICE BULLETIN - OPTIONAL

Part No.: MTP136D-000GN

Description: Mission Transceiver Panel Mount	Service Bulletin No.: MTP136D-000GN-603-0001
Service Manual: N/A	Subject: Hot Temperature Startup Fault MOD 2
ECO No.: ECO1223	

Prepared By:	Checked By:	Approved By:
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1. Planning Information

1.1 Applicability

This modification is applicable to all units that do not have **MOD 2** incorporated.

- A. Some units with serial number 116024 and below could be affected.
- B. All units with serial numbers 116025 – 116978 were verified to be unaffected at the factory, but do not have the modification incorporated.
- C. All units with serial numbers 116979+ will contain this modification from the factory.

1.2 Reason

Not all MPT136D-000GN units listed in the applicability will exhibit the temperature dependant issue. The affected MTP136D-000GN unit(s) display three or more “Radio Fault” messages without automatically recovering. The problem manifests under the following conditions:

- A. Powered on in ambient conditions greater than +45° C (113° F).
- B. Power cycled (On-Off-On) with internal temperatures greater than +45° C (113° F).

Note: Affected units will return to normal operation and recover automatically when the temperature is reduced. The automatic recovery may require several minutes to occur and depends on the ambient temperature.

1.3 Description

This modification corrects a hot temperature starting issue with the MTP136D-000GN internal LMR transceiver modules. Component modification on the LMR transceiver module(s) resolves the temperature dependant issue.



1.4 Compliance

Optional: This service bulletin may be incorporated at the customer's discretion.

- A. Not all MPT136D-000GN units listed in the applicability will exhibit the temperature dependant issue. If the reason above is identified and remediation is desired, please contact support@aem-corp.com. AEM will respond with instructions, shipping information, and lead time on the modification. **Please do not ship** units until a Return Material Authorization (RMA) number and shipping information has been received.
- B. Remediation can only be accomplished at the factory and will be completed on a case-by-case basis.
- C. Affected unit(s) may be returned to the factory for service during the product warranty period.

1.5 Approval

No change to existing approval.

1.6 Costing

Modification will be completed free of charge within the warranty period. Shipping cost to and from the factory will be covered by AEM.

1.6.1 Parts and Labour

Two (2.0) hours estimated. Includes required test time.

1.7 Special Equipment Required

This is a factory-only repair/modification.

1.8 Weight and Balance

Not affected.

1.9 Electrical Load Data

Not affected.

1.10 References

None.

1.11 Other Publications Affected

None.

2. Procedure Instructions

Factory-only repair/modification. Modification and testing procedures are not applicable.

The modification status tag will be updated with a permanent marking to indicate **MOD 2** has been incorporated.



3. Material Information

Factory-only repair/modification. Material information is not applicable.

4. Reference Documents

The following documents are required to complete the modification at the Factory.

DOCUMENT	REV.	DESCRIPTION	TYPE
16202005-010-0	1.00+	LMR Transceiver Module	Inspection Criteria
MTP136D-000GN-614-0	1.10+	Mission Transceiver Panel Mount	Acceptance Test Procedure
MTP136D-000GN-630-1	1.00+	Mission Transceiver Panel Mount	Modification Instructions
MTP136D-000GN 910-0	1.20+	Mission Transceiver Panel Mount	Mechanical Assembly

End of Service Bulletin
