

Dear Valued Customer:

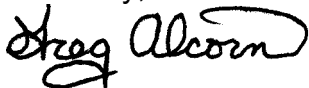
If the controller board has not transmitted recently, then the first transmission may be distorted. Transmission is within specifications by the third transmission. The attached modification will fix this issue.

Service bulletin SB36 describes when and how to upgrade this unit.

Please look these materials over carefully and call our service department at 1-800-524-3021 if you have questions about your system or what action you should take. You may also contact your local Federal Warning Systems representative for assistance.

Federal Warning Systems is committed to providing you with the highest quality warning products in the industry. We are pleased to offer this improvement to our customers.

Sincerely,



Greg Alcorn
Technical Support
Federal Warning Systems
800-524-3021

Enc: Service Bulletins SB36, instructions

SERVICE BULLETIN 36

FCM controller board

CONDITION

If the controller board has not transmitted recently, then the first transmission may be distorted. Transmission is within specifications by the third transmission.

The transmit output cap C71 charges slowly causing the transmit audio amp in the transceiver to be biased off or near one power rail until the cap charges to the same level as the transceiver's transmit audio circuit. This distorts the transmit audio rendering it un-decodable. After multiple transmissions the DC level settles and the transmission is OK. This incorrect charging was due to leaking capacitor C14.

MODELS AFFECTED

All FCM boards: (Boards with one way radio is not effected)

2005023- Revision F or G (other revisions not effected)

Service Replacement Board Assembly 2005023 (Used also for Upgrade or Service Stock):

2005023- Revision F or G

ACTION REQUIRED

2005023

1) Replace C14 with capacitor(1071226A) 0.1uf cerm. 100V, 10%

WARRANTY

1) Federal Signal will perform the modification on boards experiencing the above condition, under our standard warranty program. Contact FWS customer care at 800-524-3021 to request an RMA for service.

Service Bulletin 36 instructions

2005023

- 1) Replace C14 with capacitor(1071226A) 0.1uf cerm. 100V, 10%

