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## FIELD CHANGE ORDER

**Service**

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<b>Issued by</b>	: PMS DMC Hamburg	<b>Reference No.</b>	: 00 135 016
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**OPTIMUS 50 / 65 / 80**

**APPLIES TO:**

All Optimus 50 / 65 / 80 RAD + R/F

**TITLE:**

Error 00TH during tube adaptation

**LIST OF PAGES & DRAWINGS:**

00 135 016 1 ...2 (01.0)

**INTRODUCTION:**

- Symptom** : Error 00TH during tube adaptation  
**Cause** : The optocoupler B2 operates at its tolerance limits on board of PCB mA control EZ 119 (4512 108 05948). This can lead to intermittent problems during tube adaptation.  
**Remedy** : Reduction of the input current for the optocoupler by soldering on an additional resistor parallel to the optocoupler diode.

**MANPOWER / TIME TO COMPLETE:**

1 hour, 1 service engineer

**TOOLS & TEST EQUIPMENT:**

Standard set of service tools

**MODIFICATION KIT / PARTS REQUIRED:**

Metal film resistor  $\geq 0.25W$  150  $\Omega$  / 1%

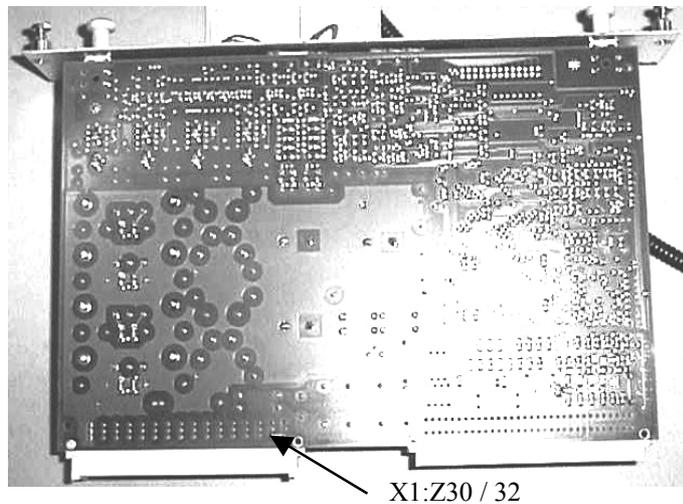
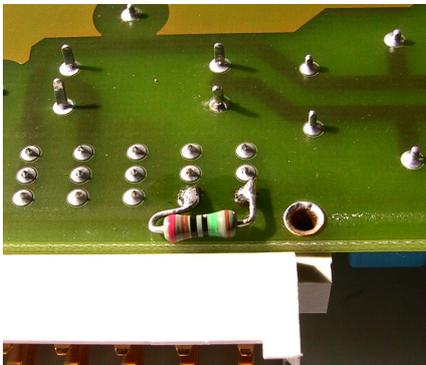
Ordering Info: Obtain the resistor locally

**PROCEDURE:**

***Warning!***

*When handling PCBs take all necessary Electro Static Discharge (ESD) precautions!*

1. Switch off the generator.
2. Open the cabinet, wait at least 1 minute, then pull out PCB EZ 119.
3. Solder on the resistor between contacts X1:B30 or Z30 and X1:B32 or Z32, see sketch for details.
4. Reinstall the PCB in the generator rack.
5. Close the cabinet.
6. Test all applicable functions.



**PARTS DISPOSAL:**

Not applicable

**DOCUMENTATION:**

- Log this action in the section "History Record" of the System Reference Manual.
- File this FCO in the section "Service Information" of the System Reference Manual.
- Fill out the attached Action Notification Report and send it to your SSD Customer Support Manager.