

# Technical Service Bulletin No. 16

**Created by: Lab.gruppen AB Service Department**

**Date: 100628**

**Reference no: Unstable rail voltage, not able to adjust rail voltage.**

## **Affected models**

Following models are affected by this technical service bulletin:

C:16, C:28, C:48, C:68 & C:88.

FP 4000, FP 6000Q, FP 7000, FP 9000, FP 10000Q, FP 13000 & FP 14000.

## **Affected boards/modules**

SP100, SP130 and SP140.

## **Symptom**

Unstable rail voltage, not able to adjust rail voltage.

PSU clicking on and off all the time and PAL led lights up.

## **Solution**

1. Check if there is contact between + rail and R32 & R34.
2. Check if there is contact between – rail and R33.
3. If not repair foil pattern and check D23, D24, D25, D26, D27, Q8, Q9 & Q10.
4. Update OVP circuit if needed, regarding to instruction (Only SP100 & SP130).

## **History**

Date	Created By	Status	Bulletin no.	Comment
100628	PB	Sharp	16	