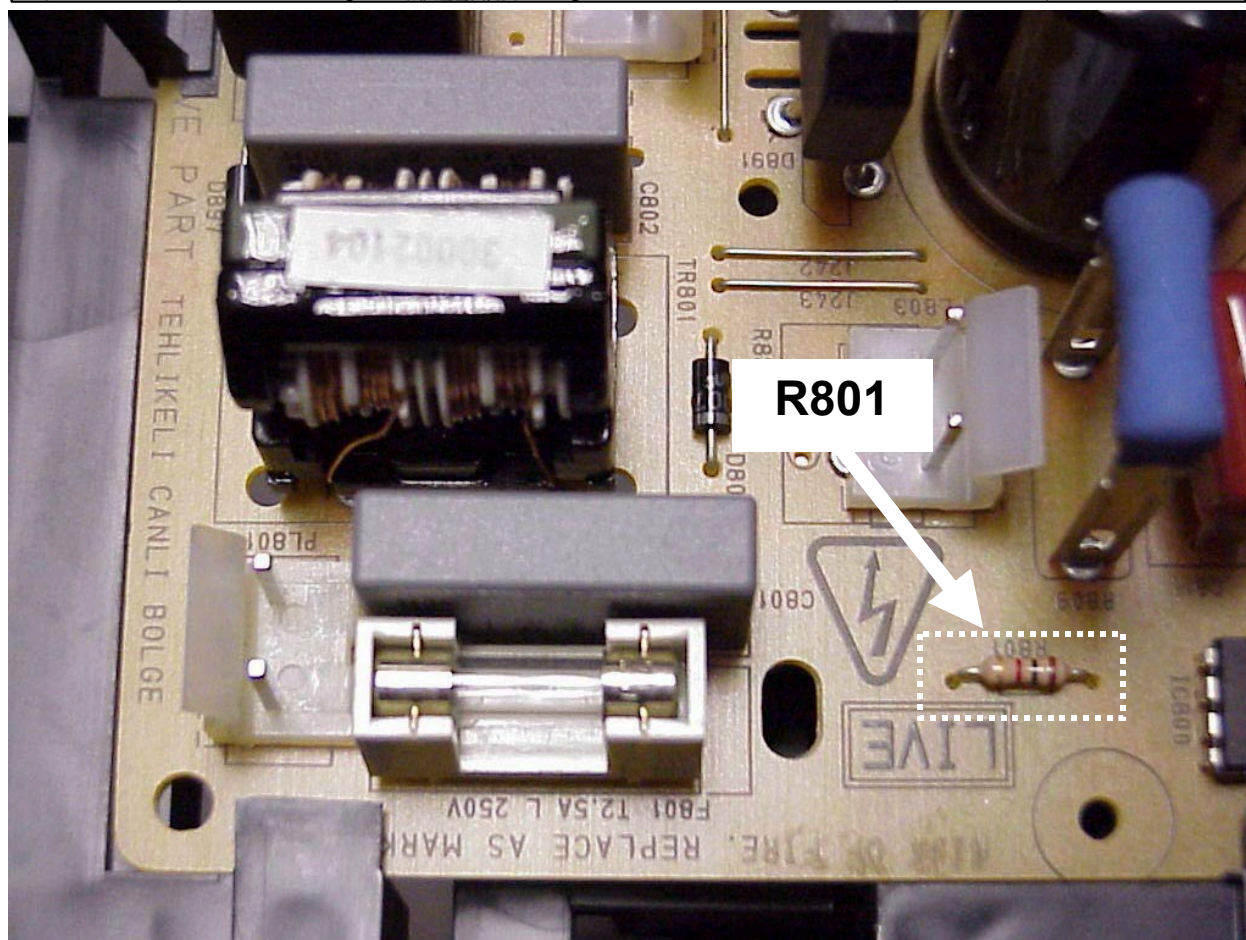
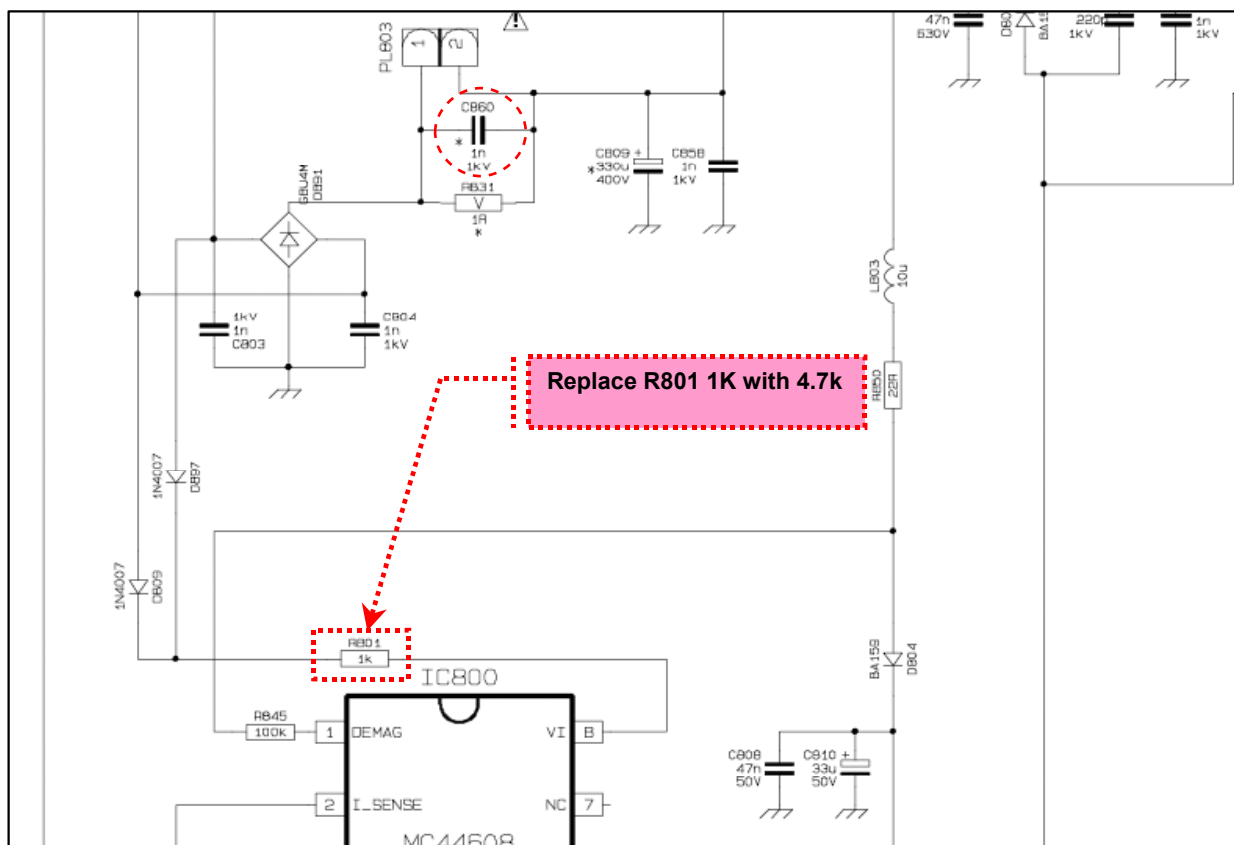


**Symptom:** Set dead.

**Cause:** Damage to IC800 has occurred due to spurious mains spikes.

**Cure:** Change the defective IC800 MC44608P (part number 30011968) and in order to improve IC800 resistance to spikes change R801 from RES CF 1/4W 1K J to RES CF 1/4W 4.7K J .

**As a preventative measure this resistor should be changed even if IC800 has not failed**



This change has been applied to all production.

# VESTEL Service Bulletin

<b>Model:</b> All models with AK37 Chassis.	<b><u>Service</u></b> <b><u>Bulletin No:</u> 122</b>	<b>Priority</b> ( )S. All product. ( )A. Items in Customer / Dealer stock / Service return goods. ( )B. Customer stock / Units returned for Service. (X)C. Sold items returned for Service. ( )D. Only Units returned to this bulletin. ( )E. Others
<b>SUBJECT : IC 800 defect</b>		<b>DATE : August 07, 2002</b>

## <Objective>

Please modify if following symptom occurs

## <Symptom>

TV does not work due to IC800 broke down

## <Cause>

Spikes on main power affects and disturbs to IC 800.

## <Countermeasures>

After changing the defected IC800,

In order to improve IC 800 resistant to spikes, modify the chassis as given below.

Replace,

R801 RES CF 1/4W 1K J ==> RES CF 1/4W 4.7K J

C860 CAP CER 100NF 100V ==> CAP MKT 47NF 250V J .

## <Spare Parts order>

R801: VE-30000718

C860: VE-30000107

## <Start Date of Modification on Production.>

26.05.2002

# VESTEL Service Bulletin

<b>Model:</b> 33'' and 28'' 16:9 32'' 16:9 models with AK37 Chassis.	<b><u>Service</u></b> <b><u>Bulletin No:</u> 155</b>	<b>Priority</b> ( )S. All products. ( )A. Items in Customer / Dealer stock / Service return goods. ( )B. Customer stock / Units returned for Service. (X)C. Sold items returned for Service. ( )D. Only Units returned to this bulletin. ( )E. Others
<b>SUBJECT : IMPROVEMENT ON THE RELIABILITY OF 33'' and 16:9 models</b> <b>DATE : APR 17, 2003</b>		

## <Objective>

Please modify if following symptom occurs

## <Symptom>

Overheat on the D606.

## <Cause>

The over current stress on the D606.

## <Countermeasures>

Apply that modification:

Replace;

D606: DIODE BY299 2A/800V 70A → DIODE UF5407 3A/800V 150A

## <Spare Parts order>

VE- 30007681: DIODE UF5407 3A/800V 150A

## <Start Date of Modification on Production.>

18.04.2003

(Related Changing Form: 382)

**Model:**

All models with AK37-5,  
AK37-6 and AK37-7  
Chassis.

Service  
Bulletin No: 135

**Priority**

- S. All product.
- A. Items in Customer / Dealer stock / Service return goods.
- B. Customer stock / Units returned for Service.
- C. Sold items returned for Service.
- D. Only Units returned to this bulletin.
- E. Others

**SUBJECT : C622 defect**

**DATE : July 18, 2002**

**<Objective>**

Please modify if following symptom occurs

**<Symptom>**

TV does not work due to C622 short circuit.

**<Cause>**

EW transistor driving condition during start-up.

**<Countermeasures>**

After changing the defected C622,

In order to improve EW transistor driving during start-up, modify the chassis according to CRT size as given below.

Remove R689 and R697:

For 28" 16:9, 32" 16:9 models and 29" RF, 32" RF models, 29" 4:3 and 33" 4:3 models:

Insert:

R689 : ----- → RES MO 1W 5.1K J

R697: ----- → RES CF 1/4W 270R J

For 28" 4:3 and 25" 4:3 models:

Insert:

R689 : ----- → RES CF 1/4W 4.7K J

R697: ----- → RES CF 1/4W 470R J

**<Spare Parts order>**

For 28" 16:9, 32" 16:9 models and 29" RF, 32" RF models, 29" 4:3 and 33" 4:3 models:

R689: VE-30001177 RES MO 1W 5.1K J

R697: VE-30000622 RES CF 1/4W 270R J

For 28" 4:3 and 25" 4:3 models:

R689: VE-30000718 RES CF 1/4W 4.7K J

R697: VE-30000712 RES CF 1/4W 470R J

**<Start Date of Modification on Production.>**

18.07.2002

# VESTEL

# Service Bulletin

**Model:**

All models with AK37-5,  
AK37-6 and AK37-7  
Chassis.

**Service  
Bulletin No: 131**

**Priority**

- S. All product.  
 A. Items in Customer / Dealer stock / Service return goods.  
 B. Customer stock / Units returned for Service.  
 C. Sold items returned for Service.  
 D. Only Units returned to this bulletin.  
 E. Others

**SUBJECT : IC 601 defect****DATE : July 17, 2002****<Objective>**

Please modify if following symptom occurs

**<Symptom>**

TV does not work due to IC601 broke down

**<Cause>**

Spark on CRT

**<Countermeasures>**

After changing the defected IC601,

In order to improve IC601 resistant to sparks on CRT, modify the chassis as given below.

1. Modify 11AK37-5, AK37-6 or AK37-7 chassis by insertion Zener diode 5.1V (VE-30007763) between pin 1 of IC601 and ground as explain below.

Solder the cathode of Zener diode 5.1V to pin 1 of IC601; solder the anode of Zener diode 5.1V to Ground

2. Insert the second zener diode 5.1V (VE-30007763) between pin 3 of IC601 and ground as explain below.

Solder the cathode of Zener diode 5.1V to pin 3 of IC601; solder the anode of Zener diode 5.1V to Ground.

3. Insert the zener diode 12V (VE-30001350) between pin 5 of IC601 and ground as explain below.

Solder the cathode of Zener diode 12V to pin 5 of IC601; solder the anode of Zener diode 12V to Ground.

4. Cut the trace between the emitter of Q603 and R606 then insert a RES CF 1/4W 560R between the emitter of Q603 and R606.

**<Spare Parts order>**

Zener diode 5.1V (VE-30007763)

Zener diode 12V (VE-30001350)

RES CF 1/4W 560R (VE-30000744)

**<Start Date of Modification on Production.>**

17.07.2002