

# TECHNICAL INFORMATION

## Colour Television

**Model:-** See Page 2  
**Chassis:-** Euro-1, Euro-2L & Euro-2S  
**Date:-** 10/06/02

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**Subject:** TDA8175 Frame Output IC.

**Background:** Due to supplier problems this IC is no longer available and the alternative TDA8177 will have to be used as a replacement.

**Remedy:** Modification of Deflection circuitry.

**Method:** Using the modification kit \_\_\_\_\_, diagrams & Table carry out the modifications listed.  
 ( All components needed are supplied in the modification kit, use the parts needed for the particular chassis requirement listed in table).

### Section 1.

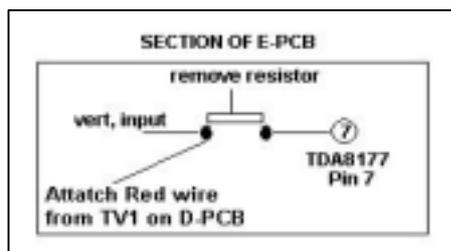
Referring to the table on page 2, add or delete components listed under the relevant chassis (**Check model list to confirm chassis type**)

**Note:-** Push the legs of TDA8177 as far through the E-PCB as possible.

### Section 2.

Referring to the diagram 1 below remove the resistor shown, the list with diagram relates to the resistor to be removed for each chassis type.

Diagram 1



Euro-1 chassis remove <b>R566</b>
Euro-2L chassis remove <b>R455</b>
Euro-2S chassis remove <b>R566</b>

# Panasonic

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### Section 3.

Attach D-PCB as described below

1. With the components uppermost from the E-PCB align the holes in the D-PCB over the TDA8177 already soldered into place on the E-PCB.
2. Locate the D-PCB on the pins of the TDA8177 and solder into place (See diagram2).

**Note:-** (Ensure D-PCB does not touch E-PCB)

3. Connect the Red wire attached to the D-PCB to the position shown on diagram1.

**Note:-** Some alignment may have to be carried out in the service mode after modification.

Diagram 3 Showing D-PCB Circuitry Shaded

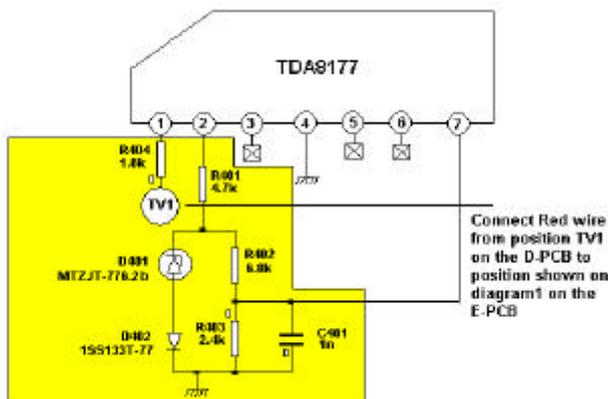
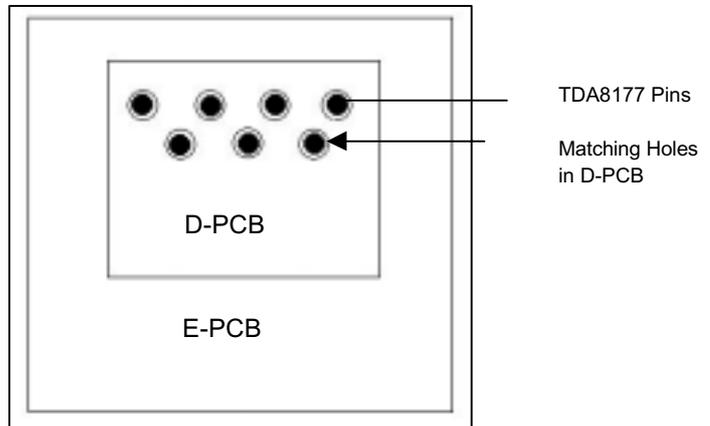


Diagram 2



### MODEL & CHASSIS LIST

#### Euro-1 Models

TX-25 & 29A3 Series  
TX-25 & 28W3 Series

#### Euro-2L Models

TX-21 & 25MD1 Series  
TX-25MD2 Series  
TX-25MD5E  
TX-25 & 28S1 Series  
TX-28LD1 Series  
TX-28LD2 Series  
TX-28LD5E  
TX-28LD7C

#### Euro-2S Models

TX-29,25 & 21AD2 Series  
TX-25 & 29AD1 Series  
TX-25 & 28XD1 Series  
TX-25 & 28XD2 Series  
TX-28WD1 Series  
TX-28XD5 Series  
TX-28XD6 Series  
TX-28XDP1 Series  
TX-28XDP2 Series  
TX-29AD2 Series

Component Alteration Table

Chassis Type	Circuit Ref.	Before	After
Euro- 2L	IC451	TDA8175	TDA8177
	R457	ER6GEYJ682	ERJ6GEYJ392
	R455	ERJ6GEYJ472	NIL
Euro-2S	IC561	TDA8175	TDA8177
	R579	ERD25TJ332	ERD25TJ392
	R566	ERJ6GEYJ472	NIL
	R576	ERDS1TJ682	ERDS1TJ183
Euro-1	IC561	TDA8175	TDA8177
	R566	ER025CKF4701	NIL
	R576	ER025CKF2202	ERD25TJ333
	R569	ERDS1TJ221	ERDS1TJ471

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