

2001	Toshiba America Consumer Products, Inc.	Date: 4/9/2001
Product	Technical Bulletin	TVO101
PJTV		Ref. No. 40901

Models:

TZ43V61		

Application: The information within this bulletin should only be used if you encounter the symptom(s) listed.

Subject: Correction to Service Manual (File No. 020-9913) and Summary (File No. 020-9923) concerning Service Mode Option settings.

Symptom: User adjustable features, i.e. volume, contrast, brightness, etc., operate via incorrect remote keys.

Corrective Action:

To enter Service Mode:

1. Press remote **Mute** key and release.
2. Press and hold remote **Mute** key.
3. While holding Mute key, press **Menu** key on the control panel.

To enter Design Mode:

1. From Service Mode, press and hold remote **Recall** key.
2. While holding Recall, press **Menu** key on the television control panel.
3. With the letter **"D"** displayed in the upper **right** corner, again press the **Menu** key. Address **RCUT**, and the data therein, will be displayed in the upper **left** corner.

After entering Design Mode:

1. Use the remote Channel Up/Channel Down keys to select address **OPT0**.
2. Use the remote Volume Up/Volume Down keys to change the data setting to **0AH**.
3. Use the remote Channel Up/Channel Down keys to select address **OPT1**. Verify the data setting to be **00H**.

Product Safety Precautions:

Product Safety Precautions are described in the Toshiba service manual(s) covered in this bulletin. All safety precautions and checks shall be complied with before returning the equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

2001	Toshiba America Consumer Products, Inc.	Date: 05/17/01
Product	Technical Bulletin	TV0102
CTV		Ref. No. 51701

Models:

19A10	19A30	20AS30	27A10
27A30	27A40	27A50	29AS30
32A10	32A30	32A40	32A50
34AS40	36A10	36A40	36A50

Application: The information within this bulletin should only be used if you encounter the symptom(s) listed.

Subject: Substitute Part
Tuner H001

Corrective Action: P/N 23321404 (TN-EL961L) will substitute for
P/N 23321366 (TN-EL951L)

Product Safety Precautions:

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2001	Toshiba America Consumer Products, Inc.	Date: 06/18/2001
Product	Technical Bulletin	TV0103
PJTV		Ref. No. 61801

Models:

43A10	43AX60/43AX60A	50A10
50A50/50A50R	50A60	50AX60/50AX60A
55A10/55A10A	55A60	55A60A
55A60R	61A60	61A60A
61A60R	40H80	43H70
43HX70	50HX70	55H70
55HX70	56H80	61H70
61HX70	65H80	

Application: The information within this bulletin should only be used if you encounter the symptom(s) listed.

Subject: Circuit Modification

Symptom: Intermittent reset problems.
Example: Unit powers OFF and back ON.

Corrective Action: See diagram on Page 2.

Product Safety Precautions:

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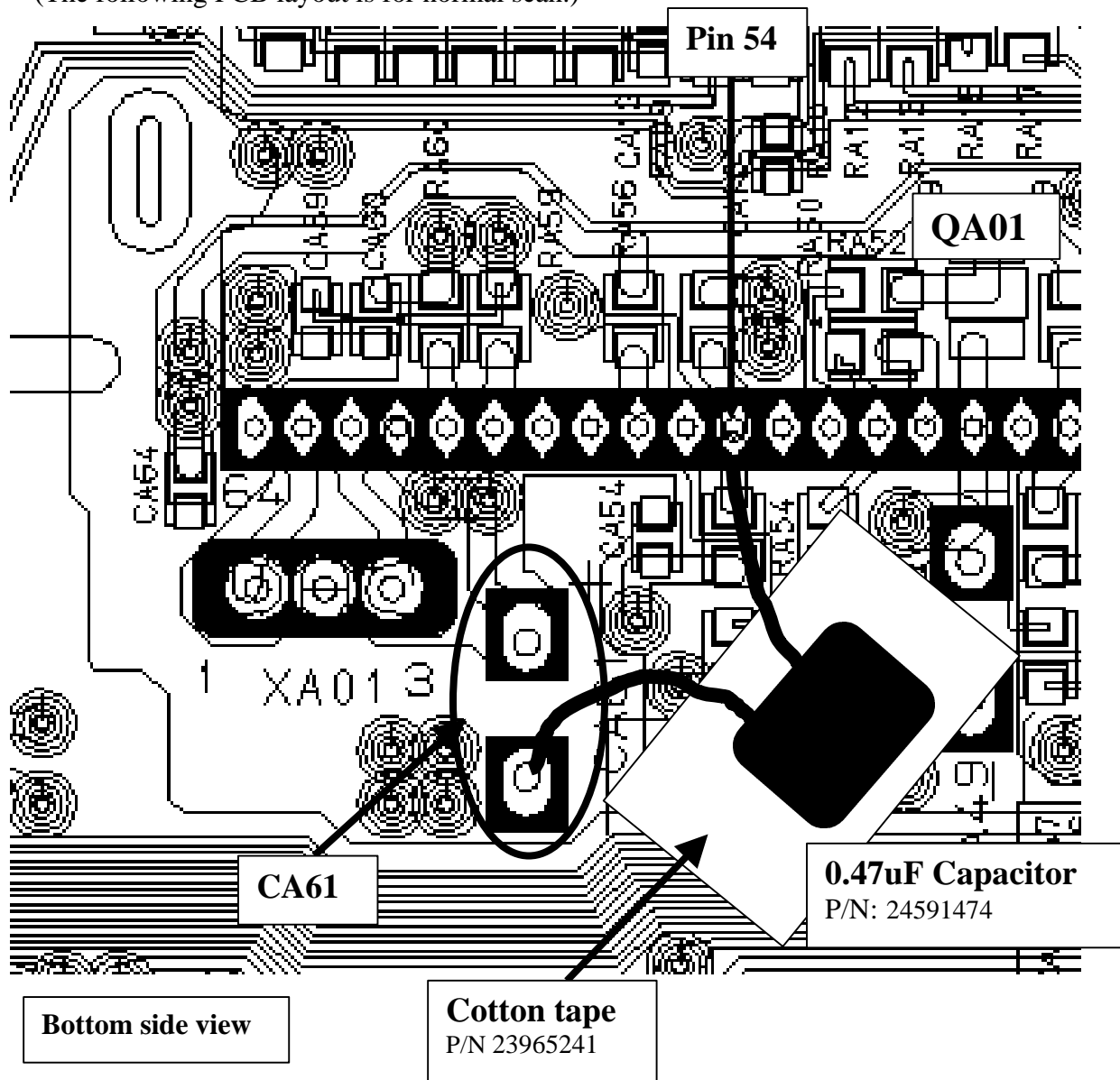
Corrective Action Instructions

Add cotton tape and a 0.47uF capacitor across QA01 pin 54 and GND (CA61 GND side).

Note: Although, the reset circuits and PCB layouts of normal (interlaced scan) and progressive scan units vary slightly, the location of QA01 and CA61 are almost the same.

Therefore, the instructions for both normal (interlaced scan) and progressive scan units are identical.

(The following PCB layout is for normal scan.)



2001	Toshiba America Consumer Products, Inc.	Date: 06/18/2001
Product	Technical Bulletin	TV0104
TV		Ref. No. 61801-2

Models:

40H80	43H70	43HX70
50HX70	55H70	55HX70
56H80	61H70	61HX70
65H80		

Application: The information within this bulletin should only be used if you encounter the symptom(s) listed.

Subject: Relay drive circuit for progressive scan units.

Symptom: Schematic diagram, as drawn in service literature, is inconsistent with actual circuit layout.

Corrective Action: Refer to the diagrams shown on Page 2.

Diagram A is the actual schematic drawing. The dashed lines border the affected areas.

Diagram B details changes made to reflect the actual circuit layout.

Diagram A

Schematic Diagram

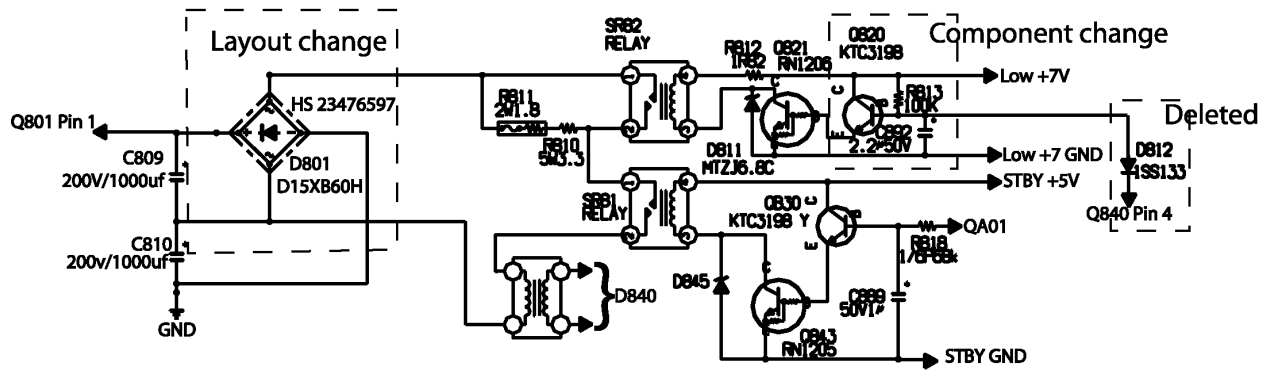
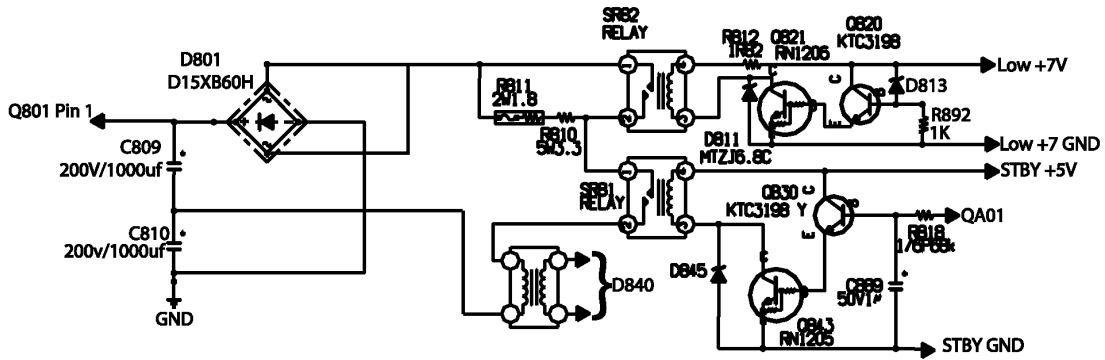


Diagram B

Actual Circuit Layout



Product Safety Precautions:

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2001	Toshiba America Consumer Products, Inc.	Date: 08/10/2001
Product	Technical Bulletin	TV0105
PJTV		Ref. No. 081001

Models:

40H80	43H70	43HX70
50HX70	55H70	55HX70
56H80	61H70	61HX70
65H80		

Application: The information within this bulletin should only be used if you encounter the symptom(s) listed.

Subject: Q510 Replacement:

1. Two IC types have been alternately used as Q510.
 - a. TA1316N
 - b. TA1316AN
2. The two types are **not** interchangeable.
3. When replacement of Q510 is necessary, the original type must be used. Do not use the part number listed in the service manual. Use the part numbers listed below.

Corrective Action:

Update Service Manual(s) with the following information:

Q510, Type IC, TA1316N

Use part number 23000358

Q510, Type, IC TA1316AN

Use part number 23000584

Product Safety Precautions:

Product Safety Precautions are described in the Toshiba service manual(s) covered in this bulletin. All safety precautions and checks shall be complied with before returning the equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

2001	Toshiba America Consumer Products, Inc.	Date: 08/21/01
Product	Service Instruction	SI-0101
TV	Service Manual Update	Ref. No. 82101

Models:

43A10	43AX60/A	50A10
50A50/R	50A60	50AX60/A
55A10/A	55A60/A/R	61A60/A/R

Application: The information within this bulletin should be added to the Service Manuals for the listed model(s).

Subject: Service Manuals for listed models contain incorrect location and P/N information.

R241 24367103 CF, 10K ohm, $\pm 2\%$
R242 24367103 CF, 10K ohm, $\pm 2\%$
R243 24381563 CF, 56K ohm, $\frac{1}{2}$ W

Corrective Action:

Correct SM to show:

R241 24367333 CF, 33K ohm, $\pm 2\%$
R242 24367333 CF, 33K ohm, $\pm 2\%$
R244 24367333 CF, 33K ohm, $\pm 2\%$

R243 is not used and should be deleted from parts list.

Additional Information: This information should only be used in the event you encounter the symptom(s) listed.

If one or more of the listed resistors is found to be open or increased in value check the condition of L963, C427, and the Focus/Screen VR block.

Product Safety Precautions:

Product Safety Precautions are described in the Toshiba service manual(s) covered in this bulletin. All safety precautions and checks shall be complied with before returning the equipment to the customer. Servicemen who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

2001	Toshiba America Consumer Products, Inc.	Date: 09/19/2001
Product	Service Instruction	SI0102
PJTV		Ref. No. 91901

Models: **All Applicable HD Ready 2001 Units.**
 HD compatibility is identified by the letter “H” in the model number.
 Production year is identified by the last digit in the model number.
 Example: **65H81**

Subject: **Changes to the method of Service Mode entry**

Application: **To enter Service Mode:**

1. Press and release **Mute** key on the remote control.
 - a. This will enable the **1/2 Mute** feature.
2. Press and release the **Mute** key a second time.
 - a. Audio will be fully muted.
3. Press the **Mute** key a third time and hold.
4. While holding the **Mute** key, press the **Menu** key on the control panel.
5. Press the **Menu** key again to enter the Service Mode adjustment area.

Additional information:

2001 Analog Units (designated by the letter “A” in the model number.
 Ex. 61A61) continue to use the method described below:

1. Press and release **Mute** key on the remote control.
2. Press and hold the **Mute** key.
3. While holding the **Mute** key, press the **Menu** key on the control panel.
4. Press the **Menu** key again to enter the Service Mode adjustment area.

Product Safety Precautions:

Product Safety Precautions are described in the Toshiba service manual(s) covered in this bulletin. All safety precautions and checks shall be complied with before returning the equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

2001	Toshiba America Consumer Products, Inc.	Date: 09/19/2001
Product	Service Instruction	SI0103
CTV		Ref. No. 91901

Models:

13A21	14AF41	19A21	20AF41
24AF41	27A41	27A51	27AX61

Subject: Service Mode adjustments

Application: Service mode adjustments to listed models can be made in the following manner:

1. Press Volume Down on the set and Zero key on the remote:
 - a. Releases V-Chip Password
2. Press Volume Down on the set and “1” key on the remote:
 - a. Initializes factory settings – Do not use for normal service.
3. Press Volume Down on the set and “6” key on the remote:
 - a. Displays total hours powered ON.
 - b. Displays EEPROM data settings.
4. Press Volume Down on the set and “8” key on the remote:
 - a. Writes EEPROM initial data – Do not use for normal service.
5. Press Volume Down on the set and “9” key on the remote:
 - a. Displays the adjustment menu.

Additional information:

A detailed description of the information contained in this instruction can be found in the appropriate Service Manual.

Product Safety Precautions:

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2001	Toshiba America Consumer Products, Inc.	Date: 09/20/2001
Product	Service Instruction	SI0104
PJTV		Ref. No. 92001

Models: **All 2001 HD Ready PJTV**
 HD compatibility is identified by the letter “H” in the model number.
 Production year is identified by the last digit in the model number.
 Example: **65H81**

Subject: **Convergence Adjustments**

Application: The method of convergence adjustment to the 2001 HD Ready PJTV units has changed in the following manner:

1. Reduction of the number of adjustment grids:
 - a. TheaterWide® (16:9 aspect ratio) units use only the Full mode adjustment grid. The settings for all other screen sizes are calculated from the Full mode adjustments.
 - b. TheaterView® and CinemaSeries® (4:3 aspect ratio) use separate adjustment grids for 480i/480p screen size and 1080i screen size. Adjustment to 1080i screen size must be made in HD mode with the Theater mode HD picture set to Compressed.
 - i. The Compressed mode adjustment can be made with any component input signal type.
 - ii. Letterbox parameters are calculated from Full mode adjustments.
2. Touch Focus auto-convergence:
 - a. After convergence adjustments are made in Service Mode, the data must be written to the convergence EEPROM(s) by pressing the number “7” on the remote.
 - b. After approximately 1 second, “Please Push Touch Focus” appears on screen. Touch Focus must run in order to save the new service data as the Touch Focus default settings.
 - i. **Note:** This is a change from the previous “7” to write and “7” to exit method used prior to 2001.

Product Safety Precautions:

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2001	Toshiba America Consumer Products, Inc.	Date: 9/27/01
Product	Service Instruction	SI0105
TV		Ref. No. 92701

Models:

43A10	43AX60	50A10	50A50
50A50R	50A60	50AX60	55A10
55A60	55A60R	61A60	61A60R

Application: The information within this instruction should only be used if you encounter the symptom(s) listed.

Symptom: “No video” condition due to open F850 or F851.

Subject: Replace both F850 and F851 with a UL approved time-delay fuse of the same size and rating.

1. 5mmX20mm
2. 125V/3.15A

Product Safety Precautions:

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