

TV Products Service Bulletin

CSV-1

Sony Service Company - Technical Services
A Division of Sony Electronics Inc.
Sony Drive, Park Ridge, New Jersey 07656

Model: KP-41T15, 46S15, 53S15, 46V25, 53V25
KP-61V25, 53XBR45, 61XBR48

No. 281R2

Subject: Circuit Improvement to CR, CG, CB Boards

Date: April 29, 1996

Symptom:

(111) Unit has no picture (shutdown) and requires IC701, IC731 or IC761 (Video output IC) replacement.

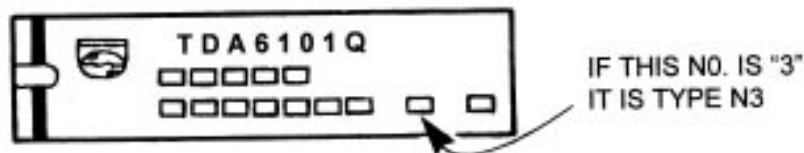
Parts List: This Service Bulletin is required following additional components:

DESCRIPTION	PART NUMBER	Q'TY	REMARKS
TDA6101Q/N3	8-759-346-42	3	
CERAMIC, CAP, 50V, 0.047UF	1-101-006-00	3	
CERAMIC, CAP, 500V, 0.01UF	1-102-050-00	3	
DIODE, RD13ESB2	8-719-110-36	3	
DIODE, 1SS83	8-719-901-83	3	
1 OHM, 1/2W, RESISTOR	1-249-474-11	1	SEE S/B TVP 291R1
0.47 OHM, 1/2W, RESISTOR	1-260-288-11	1	SEE S/B TVP 291R1

Solution: 1. Part number of Video output IC had been changed, Please replace all 3 ICs with new type.

REF	FORMER		NEW	
	DESCRIPTION	PART NUMBER	DESCRIPTION	PART NUMBER
IC701 IC731 IC761	TDA6101Q	8-759-168-72	TDA6101Q/N3	8-759-346-42

Note: New IC has marking "3" in the following location. Please check IC type.



(Cont.)

2. Please add the following components to CR, CG and CB Boards.

LOCATION OF COMPONENT (IC701, IC731, IC761)	ADDITIONAL COMPONENT	
	DESCRIPTION	PART NUMBER
BETWEEN PIN 2 AND 4	CERAMIC, CAP, 50V, 0.047UF	1-101-006-00
BETWEEN PIN 4 AND 6	CERAMIC, CAP, 500V, 0.01UF	1-102-050-00
BETWEEN PIN 2 AND 4	DIODE, RD13ESB2	8-719-110-36

Note: Diode and capacitors above should apply to IC pins directly. Please refer to illustration on next page.

Some of the above components may have already been added by factory. Add any that are necessary.

3. Please add following Diode to CR, CG and CB Board.

REF. NUMBER	ADDITIONAL COMPONENT	
	DESCRIPTION	PART NUMBER
D715, CR BOARD	DIODE, 1SS83TD	8-719-901-83
D735, CG BOARD	DIODE, 1SS83TD	8-719-901-83
D767, CB BOARD	DIODE, 1SS83TD	8-719-901-83

4. Please apply additional changes for TVP0291R1.

