

1996

TOSHIBA AMERICA CONSUMER PRODUCTS, INC.

Date: May 96

## TECHNICAL BULLETIN

No. VCR9608

Product: VCR

Countries affected: USA, CANADA

	VCR MODEL
USA	M471
CANADA	M471C

→ M472

**NOTE:** The information in this bulletin should only be used if you encounter the symptom(s) listed.

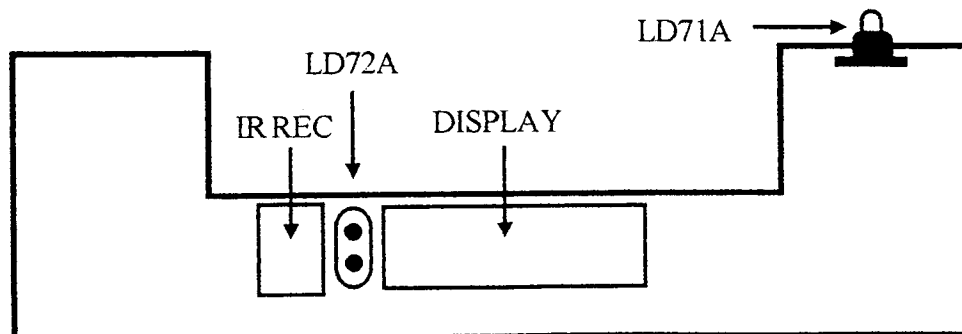
**Subject:** Defective LD71A and LD72A in units with the S601 cold solder joint. Refer **Ref.#** VC9602 to Technical Bulletin VCR9607.

**Symptom:** Same as the S601 - the VCR turns off a few seconds after it is turned on. In some cases, the cassette holder assembly tries to load without a tape. However, if the VCR is left plugged in, the Cable Box Control (CBC) IR transmitters could develop enough heat to render their holders inoperative.

**Part(s) required:**

LOCATION	PART NUMBER	DESCRIPTION
LD71A	70790786	HOLDER
LD72A	70790424	HOLDER

**Corrective Action:** Resolder the cold joint on the Start Sensor, S601, and also check the solder joints on the End Sensor, S602. Inspect the IR transmitters, and if their holders (LD71A and LD72A) are defective, replace them. Check the operation of the IR transmitters with an IR detector following the cable box setup instructions on page 31 of the owners manual. If the IR transmitters don't transmit, check the transmitters and their drive circuitry. Replace the needed components and recheck the operation of the IR transmitters. Ensure that the IR transmitters are off during normal operation.



FUNCTION/TIMER PC BOARD COMPONENT SIDE

### PRODUCT SAFETY PRECAUTIONS

Product safety precautions are covered in the Toshiba service manual(s) pertaining to the model(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.