

Repair Information VCR04/09

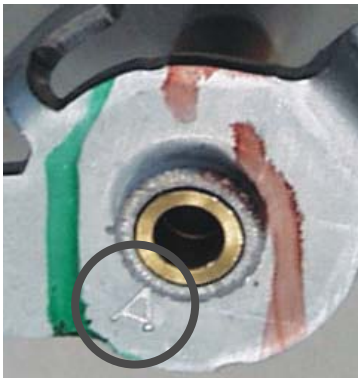
Turbo drive deck

VCR: Paolina, Queen, Apollo

TVCR: Alpha, Beta, Gamma, Delta, Epsilon

SYMPTOM

Tape damage during loading and minimal contact force of pressure roller causes tape path problems after having replaced the pressure roller by a new one without an "A" stamped on the metal pate underneath see picture.



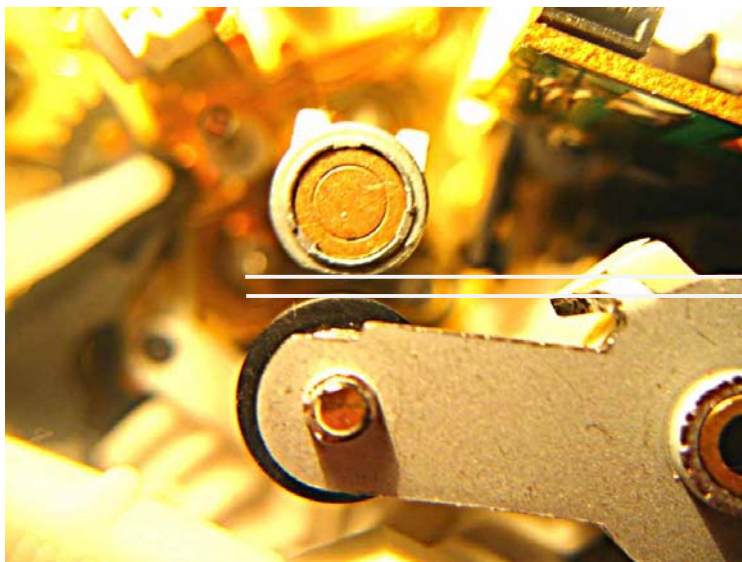
CAUSE

Manufacturing tolerances

COUNTERMEASURE

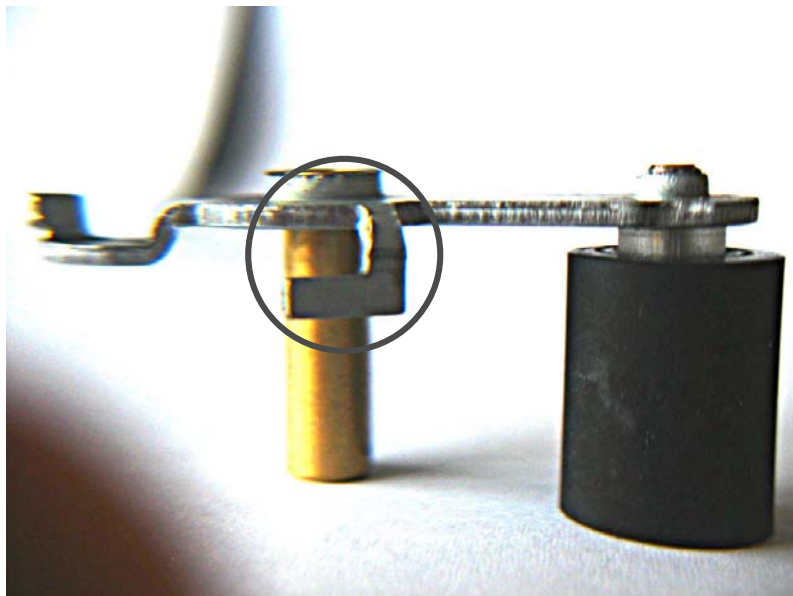
In order to guarantee full functionality of the pressure roller the following Check is required during replacement of the pressure roller

- 1.) Check position of pressure roller to capstan motor in 'Eject'



Distance should be:
about 1 to 2 mm

- 2.) If this distance is bigger than 1 to 2 mm the following modification is required
- a.) Original delivered pressure roller



- a.) Pressure roller after modification

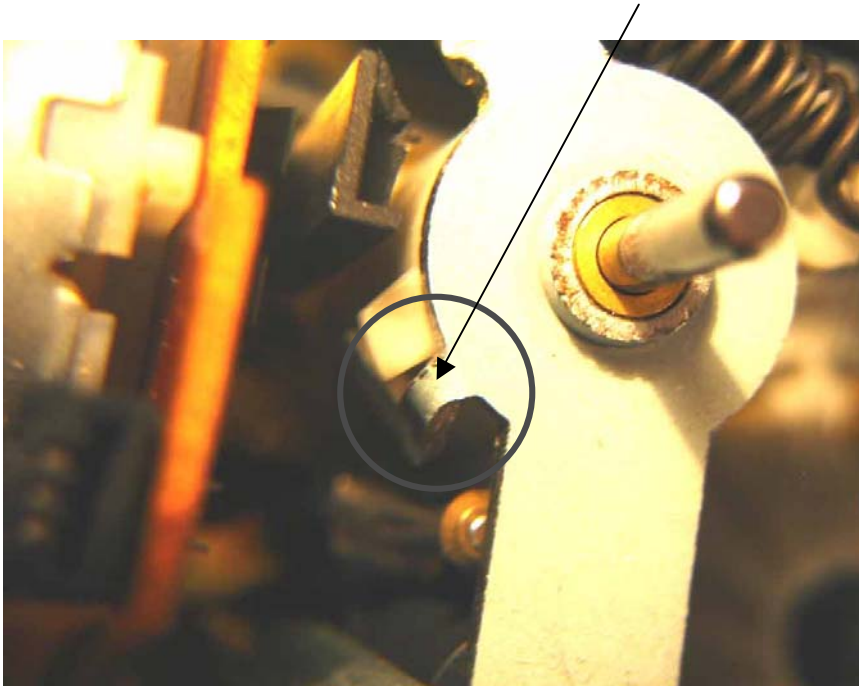


Bend the hook with the help of a pincer in the direction of the roller as shown in the picture

c.) Check

After mounting the pressure roller carry out the following check

- 1.) Connect the set to power
- 2.) Put in an old tape
- 3.) Press the "play" button on the set -> the set play's back the tape
- 4.) The modification is good there is a small gap between the bended metal angel of the pressure roller and the plastic nose when looking from the top.
- 5.) If this is not the case bend a bit more and check again



Best regards,
Rainer Heitel.