

TOSHIBA AMERICA CONSUMER PRODUCTS, INC

TOSHIBA

**VCR / CAMERA
SERVICE BULLETIN
NO: 63**

DATE: MAY / JUNE

MODELS: M657, M658

SUBJECT: Service Data Correction

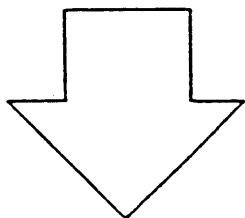
Symptom: Service Data Correction (File No. 030-312)

**Corrective
Action: Correct the information on page 2-31 in your Service Data.
(See attached page)**

MISPRINT

(2) Reel torque and back tension check

1. First record a TV broadcast program on the entire torque cassette tape (KT-300NR) in the SP mode.
2. Load the torque cassette in the VCR and feed forward the tape before proceeding with measurement.
3. Set the VCR to the REVIEW mode and feed the tape for about 15 sec., and then make sure the take-up torque of $160 \pm 20\text{g-cm}$ is obtained while observing the left torque meter.
4. After completion of step 3, set the VCR to the PLAY mode and feed the tape for about 30 sec. Read the right torque meter and check the torque of $70 - 130\text{g-cm}$ is obtained.
- 5.. When the review torque and playback torque are out of limit, replace the clutch assembly.



CORRECTION

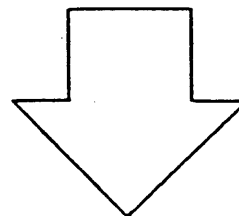
(2) Reel torque and back tension check

1. First record a TV broadcast program on the entire torque cassette tape (KT-300NR) from 0 to 2.5 minutes in SP mode, after then in EP mode.
2. Load torque cassette in the VCR and feed forward to tape end position (EP Rec. area) before proceeding with measurement.
3. Set the VCR to the REVIEW mode and feed the tape for about 30 sec. and then make sure the take-up torque of $135 - 290\text{g-cm}$ is obtained while observing the left torque meter.
4. After completion of step 3, feed forward to tape start position (SP Rec. area) and set the VCR to the PLAY mode and feed the tape for about 30 sec. Read the right torque meter and check the torque of $60 - 110\text{g-cm}$ is obtained.
5. When the review torque and playback torque are out of limit, replace the clutch assembly.

MISPRINT

<Precautions for Used of Torque Cassette (KT-300NR)>

4. If the previous precautions 1, 2 and 3 are not performed properly, the tape may be damaged and correct measurements can not be performed.
5. Do not use worn out or damaged tape, if used they may damage video heads on the cylinder. In such a case always replace the tape with a new one. The replacement tape is of T-120, $6.01 \pm 0.3\text{m}$ in length.



CORRECTION

<Precautions for Used of Torque Cassette (KT-300NR)>

4. If the previous precautions 1, 2 and 3 are not performed properly; the tape may be damaged and correct measurements can not be performed.
5. Do not use worn out or damaged tape. if used they may damage video heads on the cylinder. In such a case always replace the tape with a new one. The replacement tape is of T-120, 10m in length.