

SONY

Hi-Fi Products
Service Bulletin

Sony Service Company - Technical Services
A Division of Sony Corporation of America
Sony Drive, Park Ridge, New Jersey 07656

Model: TC-W230/W233/W235

No. 82R1

Subject: Replacing Capstan Motor

Date: March 29, 1991

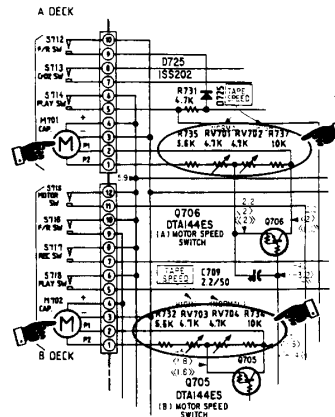
This Service Bulletin Supersedes Hi-Fi Service Bulletin No. 82.

Symptom:
(**)

Speed control adjustments do not work properly after capstan motor is replaced.

Solution: When replacing capstan motor, use motor part number listed below. Be sure to also replace the resistors indicated. These values must be installed whenever this motor is used.

| Ref. No. | Old Value | New Value | Part Number | Description |
|----------|-----------|-----------|--------------|-------------|
| RV-701 | 4.7K | 1K | 1-228-990-00 | Resistor |
| RV-702 | 4.7K | 2.2K | 1-228-991-00 | Resistor |
| RV-703 | 4.7K | 1K | 1-228-990-00 | Resistor |
| RV-704 | 4.7K | 2.2K | 1-228-991-00 | Resistor |
| R732 | 5.6K | 100 | 1-249-405-11 | Resistor |
| R734 | 10K | 1.8K | 1-249-420-11 | Resistor |
| R735 | 5.6K | 100 | 1-249-405-11 | Resistor |
| R737 | 10K | 1.8K | 1-249-420-11 | Resistor |
| M701/702 | ---- | ---- | X-3595-923-1 | Motor |



CSA-13 Cassette Deck