

SERVICE BULLETIN #4005 - DECEMBER, 1984

TO: ALL HARMAN KARDON WARRANTY STATIONS

MODEL: CD391/CD491 STEREO CASSETTE DECK

SUBJECT: POP SOUND RECORDED ON TAPE

In the event you receive a CD391 or CD491 Cassette Deck with the complaint "unit records pop or bleep on tape when placed in record pause mode" we recommend you solder on the micro processor PC Board a signal diode between IC 801 and IC 852.

The anode of this diode is connected to PIN 6 of IC 801 and the cathode of this diode is connected to PIN 14 of IC 852.

The purpose of this diode is to prevent the transport from rewinding the tape momentarily at the moment the pause button is depressed.

Due to this momentary rewind of the tape while the bias oscillator is on, the bias signal will be recorded on the tape at high tape speed. When the tape is played back this high frequency signal becomes audible.

The modification indicated above will prevent this momentary rewind.