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Car Stereo
Service Bulletin

CSA-14

Sony Service Company - Technical Services
A Division of Sony Electronics Inc.
Sony Drive, Park Ridge, New Jersey 07656

Model: CDX-5060/5260/5460/5070/5270/5470/
600DSP/900/U6260; EXCD-60 **No. 338**

Subject: Does Not Read Discs, Displays Error Code E-04. **Date:** September 9, 1994

Symptom:
(51)

The unit does not read some discs, and displays error code E-04. When it does read a disc it appears to take longer than usual to start playing the first track; in this case, the sled motor can be heard operating from the point the disc is fully loaded until the first track starts playing.

The problem as described above occurs because the DSP IC on the SERVO board erroneously thinks that the limit switch S301 on the MOTOR board is already closed when the eject button is pressed, causing the sled to move outward rather than inward. If the sled moves to its maximum outward position, the next disc to be loaded may not be able to be read.

Solution:

Verify if the DSP IC on the SERVO board is erroneously detecting that the limit switch is already closed when the eject button is pressed by playing a mid-numbered track on a disc. Press the eject button while track is being played. If the sled moves outward rather than inward, the problem exists in the unit.

The most likely cause of the problem is that the switch lever is stuck, in which case the switch should be replaced. Other less likely causes are that the flex cable from the MOTOR board to the SERVO board is installed crooked into its connectors, or a piece of conductive foreign material may be found inside one of the connectors.

Keep in mind that the switch lever may be stuck intermittently, which may prevent you from observing this problem, but it should be the first suspected cause when the customer complains of the above mentioned symptoms. The optical pick-up block should not be changed as a solution to an "error code E-04" problem unless the other possibilities are first ruled out.

(Continued)

Reference: Reliability Tracking
Autoflagged - NO

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REF	DESCRIPTION	PART NUMBER
S301	SWITCH, PUSH (1 KEY) (LIMIT)	1-572-467-21

