



AIWA CO.,LTD.

UTSUNOMIYA FACTORY

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SERVICE TECHNICAL INFORMATION

UTSUNOMIYA, November 15, 1993

REF. NO. : SI-93-047

SERVICE ENGINEERING DIV.

ONE POINT REPAIR

SUBJECT : Remedy against Auto stop malfunction.

SYMPTOM : For the models using the hole IC LB9051A, the cassette tape may stop or reverse arbitrarily during playback.

RELEVANT MODELS : CSD-SR700, NSX-330, NSX-990, XG-320, XG-360.

CAUSE : Due to disparity in quality of hole IC(LB9051A) units, the auto stop circuit may be activated unless more than one pulse is output within two seconds in play mode or within 0.5 seconds in FF/REW modes.

REMEDY : Replace the IC(LB9051) of the MECHA-1, -2 C.B with the improved part.
This part (IC DN6851-D) is more sensitive than IC LB9051A.

part number	part name
87-017-490-010	IC DN6851-D

• Assesment of part conformity

* More than one pulse must be output within two seconds in play mode or, within 0.5 seconds in FF/REW modes.

① Test points : Output signal of hole IC, AS signal, pin 3 lines of CN401 and CN402.
Check them with an oscilloscope. (pulse voltage = approx. 10V)

② Check the reel base for conformity when the tape reeling operation ends, as the reel base's rational speed at this time differs from that of the beginning.

* The space between the hole IC and the rotary magnet must be less than 1mm.