

Technics

Technical Information

INTRODUCTION

This technical information is a summary of quality problems encountered with OSD products, which have occurred in JAPAN and overseas.

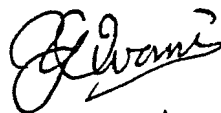
This technical information is issued as a reference to help you improve your servicing by reporting problems which have occurred in various markets.

Please keep the contents strictly confidential.

We hope you find the contents useful.

CONTENTS

Ref NO.	MODEL	TROUBLES - REPORTED
L - 24	SL-5, DL5	Return position is abnormal.
L - 25	SL-Q33, D33	Turntable does not stop or start without start command.
B - 1	SB-G900	New technical information.



YASUHIRO IWAMI

G.M.
STEREO DIVISION
SERVICE DEPARTMENT

SUBJECT	Return position is abnormal.
---------	------------------------------

Model	SL-5, DL5
-------	-----------

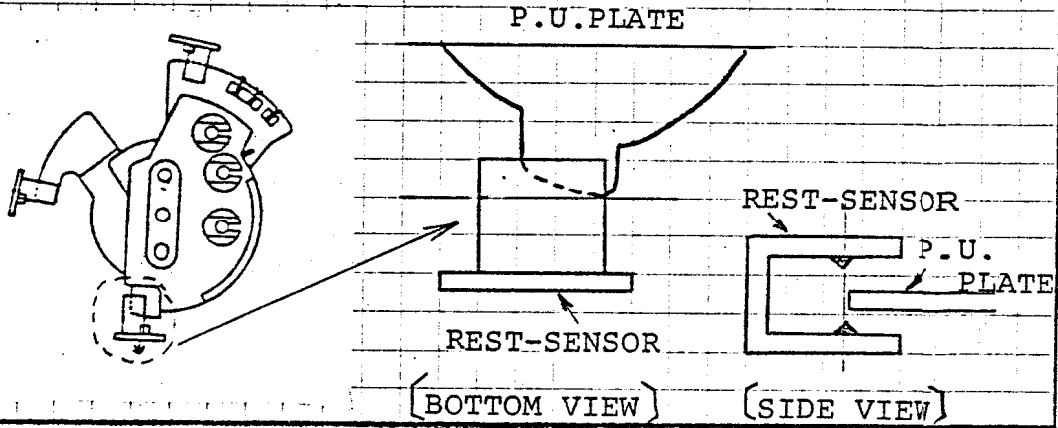
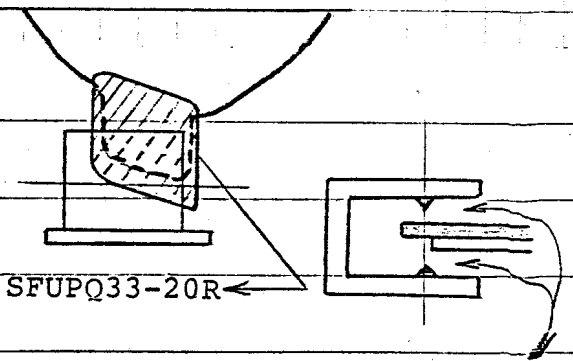
Information from:	JAPAN
-------------------	-------

Sympton.	Return timing of tonearm is too fast. Tonearm is returning before music completed.																
Cause and Explanation	Pulus counter circuit is misscounted by the pulus noise which come from unstable rotation of pulus count mechanism.																
REMEDY	Please change following resistors to improve pulus-shaping circuit. <table><tr><td>R337</td><td>27kohm</td><td>→</td><td>10kohm</td></tr><tr><td>R339</td><td>12kohm</td><td>→</td><td>3.9kohm</td></tr><tr><td>R340</td><td>2.7kohm</td><td>→</td><td>12kohm</td></tr><tr><td>R341</td><td>2.2kohm</td><td>→</td><td>4.7kohm</td></tr></table>	R337	27kohm	→	10kohm	R339	12kohm	→	3.9kohm	R340	2.7kohm	→	12kohm	R341	2.2kohm	→	4.7kohm
R337	27kohm	→	10kohm														
R339	12kohm	→	3.9kohm														
R340	2.7kohm	→	12kohm														
R341	2.2kohm	→	4.7kohm														
Effective Date	1. Cannot find this phonomenon by manual operating. 2. Nonstandard cutting disc cannot improve by this remedy.																

SUBJECT	Turntable does not stop or start without start command.
---------	---

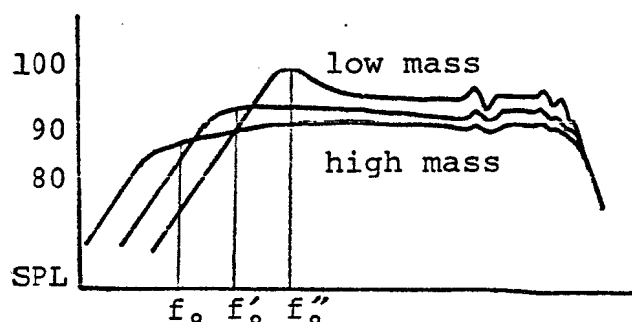
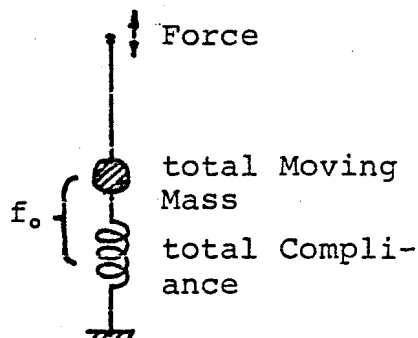
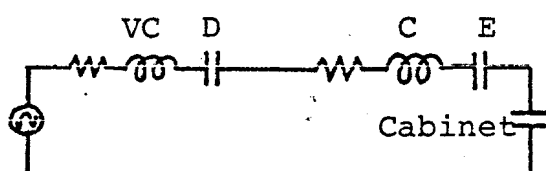
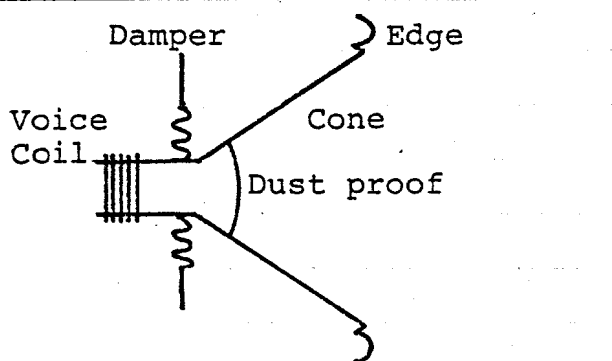
Model	SL-Q33,D33
-------	------------

Information from:	JAPAN
-------------------	-------

Symptom	P.U.plate was incorret position at rest sensor. 1.Turntable does not stop after the pick up return to the rest. 2.Turntable begin to rotate before pressing the start switch.
Cause and Explanation	P.U.plate was incorret position at rest sensor. (TONE ARM FIXING PLATE ASSY)  The diagram illustrates the P.U. PLATE and REST-SENSOR assembly. The P.U. PLATE is shown in an incorrect position relative to the REST-SENSOR. The diagram includes a perspective view of the tone arm fixing plate assembly and two cross-sectional views: a BOTTOM VIEW and a SIDE VIEW. The REST-SENSOR is shown as a rectangular block with a small protrusion. The P.U. PLATE is shown as a rectangular block with a small protrusion. The diagram shows the P.U. PLATE is not properly aligned with the REST-SENSOR.
Remedy	Please stick SFUPQ33-20R on to the P.U. plate.  The diagram shows the SFUPQ33-20R sticker being applied to the P.U. plate. The sticker is shown being placed on the P.U. plate, and the REST-SENSOR is shown being adjusted to clear the sticker. The diagram includes a perspective view of the sticker being applied and two cross-sectional views: a BOTTOM VIEW and a SIDE VIEW. The REST-SENSOR is shown as a rectangular block with a small protrusion. The P.U. PLATE is shown as a rectangular block with a small protrusion. The diagram shows the P.U. PLATE is not properly aligned with the REST-SENSOR. Keep the safety clearance by adjusting the fixing screws of the rest sensor, after that fix screws with glue. Adjust clearance
Effective Date	When you get such problem,please order SFUPQ33-20R to us.

SUPER BASS WOOFER utilized in the Speaker system SB-G900

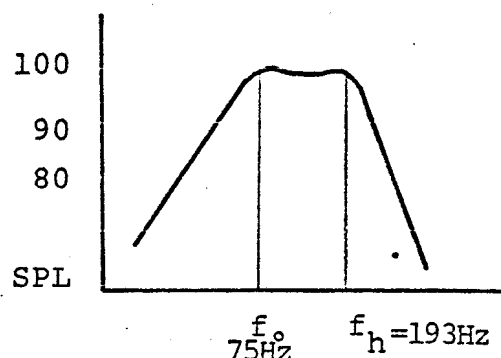
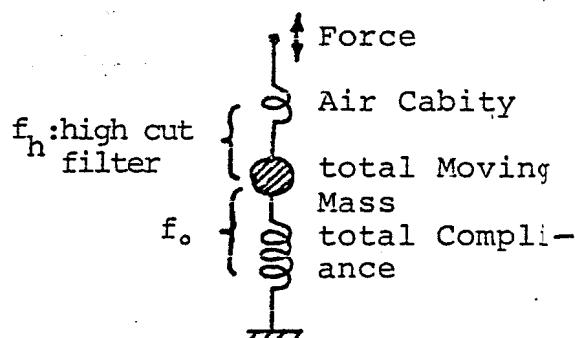
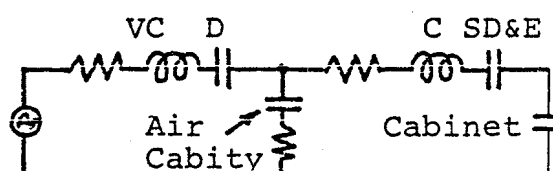
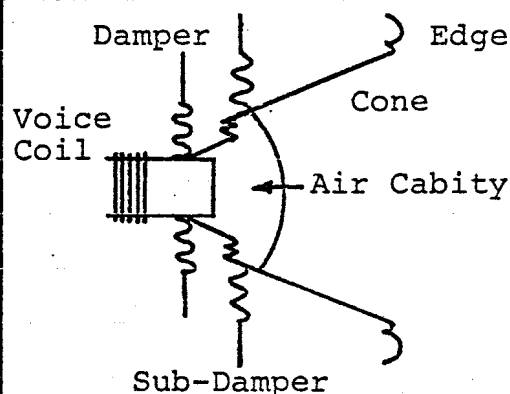
- Features
1. High efficiency 99dB/Watt at 1m
 2. High handling power 300Watt max music input
 3. Low intermodulation distortion

Conventional Woofer

Hard to get low f_0 with high SPL

When use light Corn to increase the Efficiency, then the f_0 will be higher.

When use heavy Corn to lower the f_0 , then the efficiency will decrease

Super Bass Woofer

Low f_0 with high Efficiency

When choose the f_0 , f_h , B , Q at optimum condition, then low f_0 with high efficiency and lower intermodulation distortion system can be obtained.