

MODEL: PL-2, 4, 5, 6, 7, 120, 220, 230, 320, 330, 420, 430, 620, 720, 730, 930

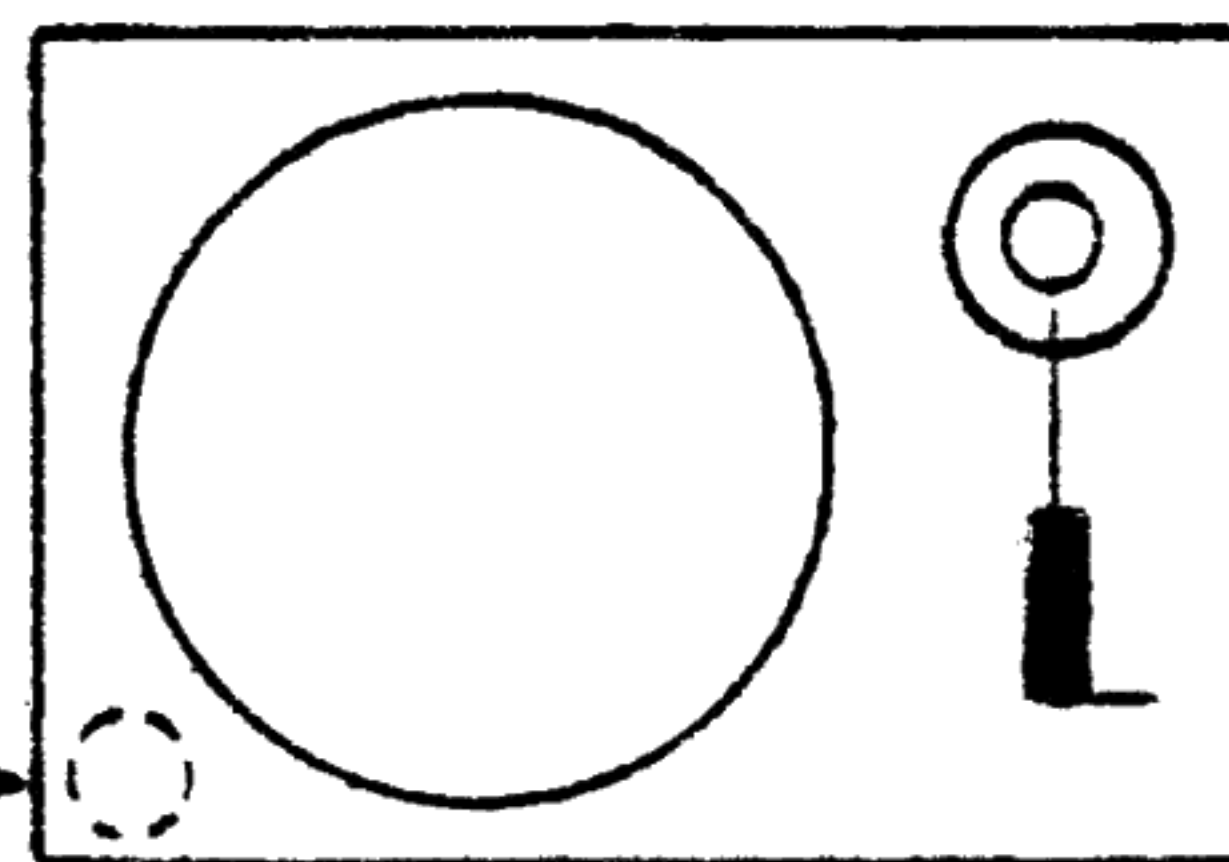
SUBJECT: POOR CONTACT POINTS IN THE SPEED SELECTOR SWITCH

SYMPTOM: TURNTABLE SPEED IS UNSTABLE, CAUSING WOW & FLUTTER

CAUSE: UNDER CERTAIN ENVIRONMENTAL CONDITIONS, A 'BLOOMING' OF THE RUBBER DAMPER CUSHION (PART OF THE FOOT) WILL OCCUR WHICH PRODUCES A SMALL AMOUNT OF SULFIDE GAS. THE SULFUR IN THIS GAS WILL ACT UPON THE SILVER ON THE CONTACT POINT SURFACE CAUSING A CORROSION WITHIN THE SPEED SELECTOR SWITCH. THIS CORROSION OF THE CONTACTS IN THE SWITCH WILL CAUSE THE UNSTABLE MOTOR SPEED.

The distance between the rubber damper cushion and the Speed Selector Switch has influenced the problem. If it is more than 40mm, the problem will not occur. However, the switch is close enough to one of the four rubber cushions and can be affected by this condition.

This Rubber Cushion is affecting the Switch



Note: This is not a defect of the Speed Selector Switch itself. Therefore the switch Part No. (PSG-029) has not been changed.

Countermeasure: The material of the Rubber Cushion has been changed.

OLD

NEW

Material: Butyl Rubber

Silicone Rubber

Only the Rubber Damper Cushion nearest to the Speed Selector Switch should be changed. To distinguish the new part, the color of the rubber is changed from BLACK (Butyl) to GREY (Silicone).

	<u>OLD</u>	<u>NEW</u>	<u>Description</u>
Part No:	PEB-194	PEB-256	Damper Cushion
	PSG-029	PSG-029	Switch

Note: When servicing a unit with this problem, please replace the switch and the rubber cushion at the same time. Also, note that it is only necessary to replace the rubber cushion that is nearest to the Speed Selector Switch. DO NOT replace all four rubber cushions in the unit.