

# PHILIPS OPTICAL STORAGE

## Replacement instructions turntable spring cone CD-Pro

### Preface

This document describes the handling instructions for replacement of the spring cone by a solid cone in CD-Pro products.



## INSTRUCTIONS

### **Important:**

Follow the general handling instructions for CD-Pro.  
Take appropriate measures against ESD.

### **1. REMOVE SPRING CONE**

See Fig. 1: Lift-off the spring cone (“spider”) e.g. by using a pair of tweezers.



**Figure 1**

### **2. REMOVE TURNTABLE RING**

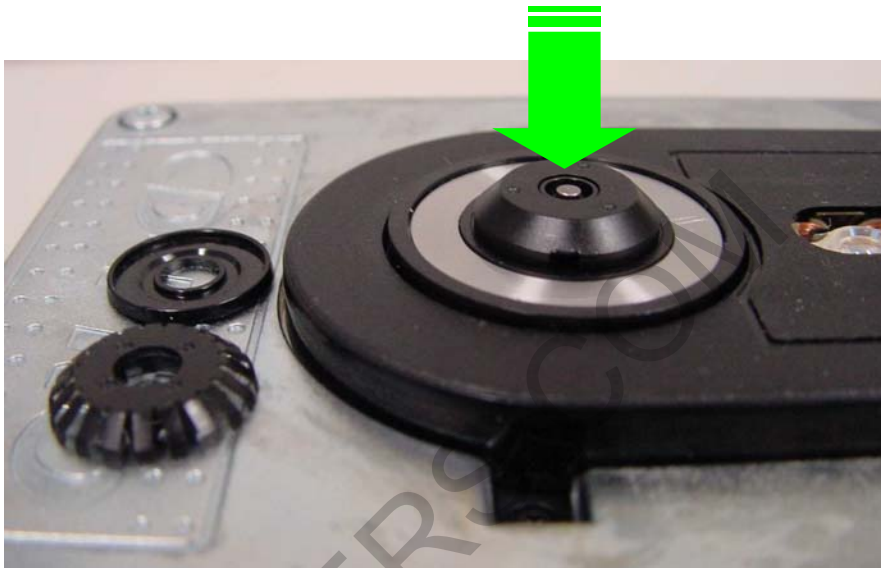
See Fig. 2: Lift-off the plastic turntable ring e.g. by using a pair of tweezers.



**Figure 2****3. MOUNT SOLID CONE**

See Fig. 3: Place the new solid cone over the plastic turntable shaft and push down gently until it touches the turntable surface. Do NOT apply any glue.

**Warning:** Do NOT exceed maximum force allowed to turntable.

**Figure 3****PROBLEM SOLVING**

**Symptom:** CD slips during spinning-up or braking.

**Cause:** The disc is not clamped sufficiently.

**Remedy:** Push down the solid cone a bit further until it touches the turntable surface.

**Symptom:** CD-PRO does not play correctly.

**Cause:** Turntable pushed down, max force to turntable exceeded.

**Remedy:** Replace CD-PRO mechanism.