RB808 TONEARM

Introduction

The **RB808** tonearm is packed with new features once again pushing the boundaries of tonearm design. As with all Rega tonearms each one is meticulously hand assembled by a team of highly skilled technicians. The **RB808** offers a brand new low mass precision engineered vertical bearing assembly, improved bearings and a tightened spindle fit tolerance over previous models (each bearing is individually selected to find the perfect match for the chosen spindle). This is a proven method of increasing the amount of detail retrieved from the record surface. The **RB808** uses the latest Rega arm tube redesigned to redistribute mass further reducing stresses and resonances. The hand assembled Rega **RB808** tonearm is a precision crafted product. To create the low friction levels and meet minimum mass requirements, many parts of the arm are delicate and require careful handling. The arm should always be treated with respect and under no circumstances should any part be removed or tampered with.

Arm balancing and setup

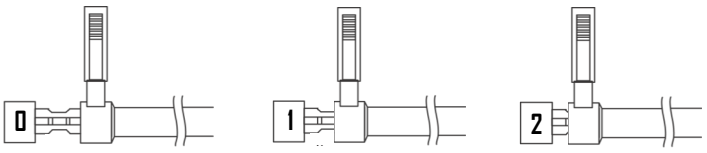
With the cartridge correctly mounted and with the stylus guard removed, ensure that the tracking force dial and Bias adjustment are set to zero. Adjust the balance weight until the arm is "floating" with the stylus approximately 1mm clear of the record. **Note:** It is normal for the arm to swing back towards the arm clip position even with the bias set at zero. Therefore it is advisable to gently hold the arm bearing carrier (just below the tracking dial) thus preventing horizontal movement during the balancing procedure.

Applying tracking pressure

Once the arm is balanced rotate the tracking force adjustment dial to the required tracking force. Numbers '0' to '3' are marked on the dial. If in doubt it is advisable to use a tracking force that corresponds with the upper limits of the cartridge manufacturer's range.

Applying Anti - Skating (bias) adjustment

Set the bias adjustment slider to the same figure as the cartridge tracking force pressure quoted by your cartridge manufacturer. **Note:** This is not critical and a figure between 1.0 & 1.5 will normally be suitable for moving magnet cartridges and 1.5 & 2.0 for most moving coil cartridges.



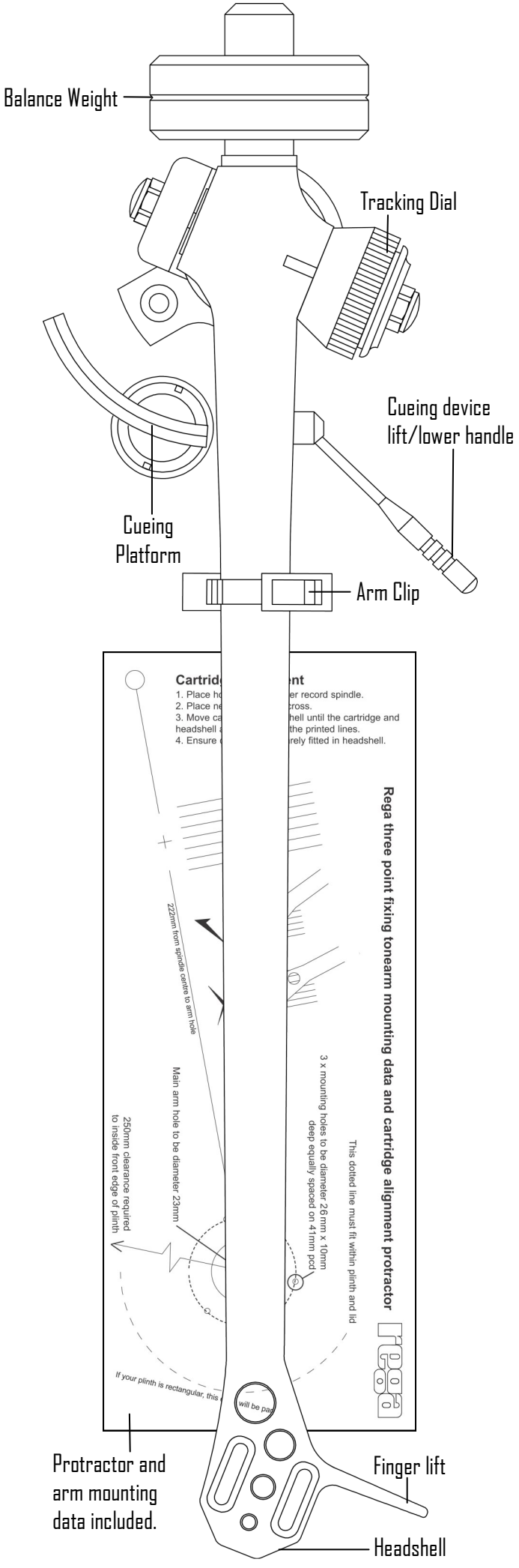
Fully extended 0.0 **First position 1.0** **Second Position 2.0**

Simply push the slider in to the required anti skating setting .Your arm is now balanced, setup and ready to use. If you have any doubts regarding installation or setup please contact your official Rega dealer who will be able to carry out the work for you. Thank you for purchasing this Rega product and we wish you many hours of musical enjoyment.

www.rega.co.uk

Made in England

Names of Tonearm parts



Fitting your Tonearm

The **RB808** will directly replace any other Rega tonearm that currently uses the 3 point mounting without any modification. If fitting to another manufacturers product or an older Rega turntable (with the single point nut fixing) the supplied template should be used as a guide to ensure correct position and alignment. With so many variants in turntable models it is important to contact your turntable manufacturer if in any doubt before making any holes in plinths or arm boards. Before attempting to fit the **RB808** arm to the turntable it is important to ensure that there is sufficient clearance beneath the turntable and that the arm does not hit the lid, top or sides. Having checked that there is sufficient clearance in all directions (including the maximum potential arm movement horizontal and vertical). The next step is to find the position of the centre of the arm mounting hole. The easiest way to do this will probably be to use the arm mounting template supplied.

Arm mounting template guide

The supplied template is for mounting Rega three point fixing arms to other manufacturers turntables. N.B protractor for cartridge alignment is also printed on the same template.

1. The template should be kept flat and not bent. The distance between the centre of the spindle and the centre of the arm hole is critical and must be 222mm. This template will help you check your positioning before you attempt fitting and drilling.

3. Position the other end of the template so that the clearance arc is within the rear and side edges of the turntable base (and the lid when closed). Also check that there is at least 250mm clearance from the centre of the hole to the inside front of the turntable.

4. Use a long pointed probe such as a needle and push it through the 'arm hole centre' on the template. Keep the needle perpendicular to the template and mark the position of centre on the turntable.

5. Having marked the centre, check again that if the arm is placed in this position it will clear the under side of the turntable and the lid. Also, check that the arm is in a satisfactory position to ensure easy operation and that the position is pleasing aesthetically. When you are certain that the arm hole centre is in its correct position (exactly 222mm from the record centre) you can drill the required arm hole.

6. The arm mounting pillar requires a diameter of 25mm which will provide adequate clearance for accurate fitting. You can then drill the three screw mounting holes as illustrated on the template. Make sure the arm is straight and the holes are correctly aligned before drilling.

7. With the holes drilled, you are now ready to fit the arm to the turntable. Ensure that you also follow the turntable manufacturer's instructions regarding arm fitting. Each individual turntable manufacturer may have different requirements regarding positioning of the arm signal lead.

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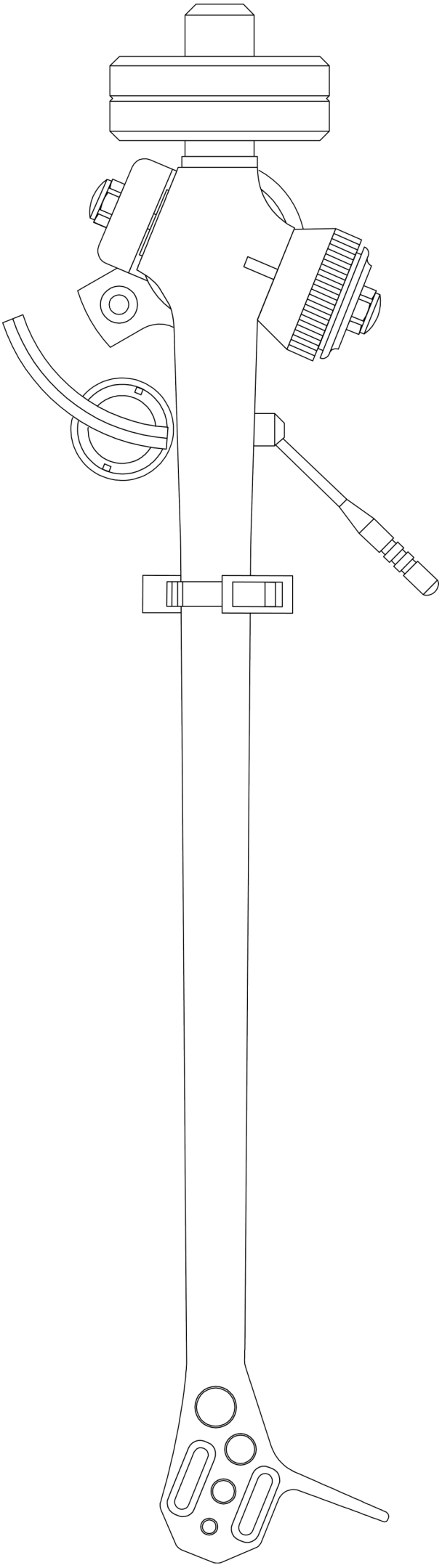

RB808 instructions