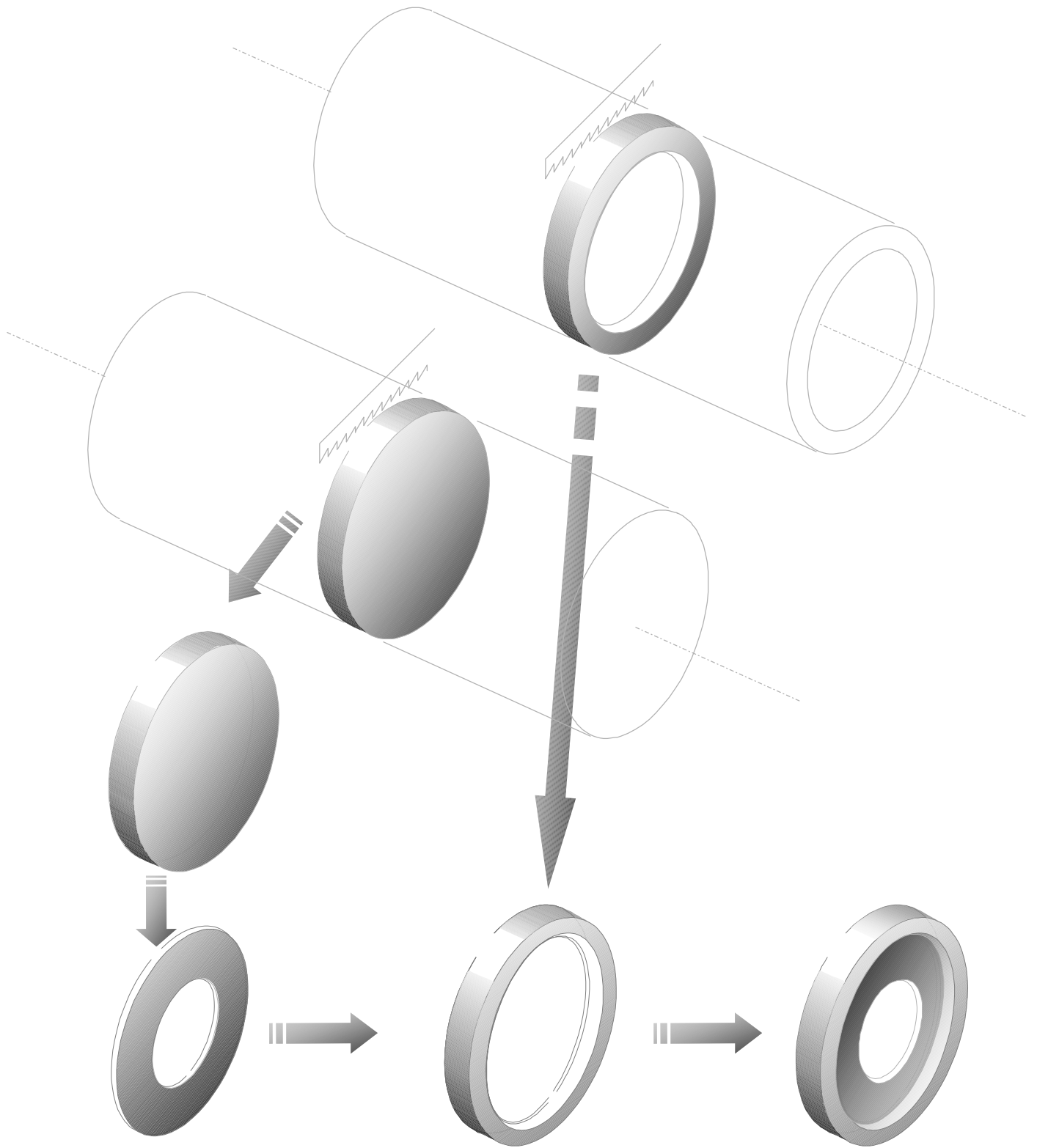


INNER PLATTER

- 1A SAW CUT FROM 6 ½ " SOLID ALUMINUM ALLOY BAR
- 2A PRECISION MACHINED TO SHAPE (TUNED RESONANCE)
- 3B CUT FROM 16 SWG ALUMINUM ALLOY PLATE
- 4B PRECISION MACHINED TO SHAPE (TUNED RESONANCE)
- 5 PLATE PRESS FITTED ON CENTRE BOSS AND ITS SURFACE AND EDGE PRECISION MACHINED FOR FINAL SIZE AND ACCURACY
- 6 COMPLETE INNER PLATTER LINEARLY DAMPED FREE OF ANY UNWANTED RESONANCE

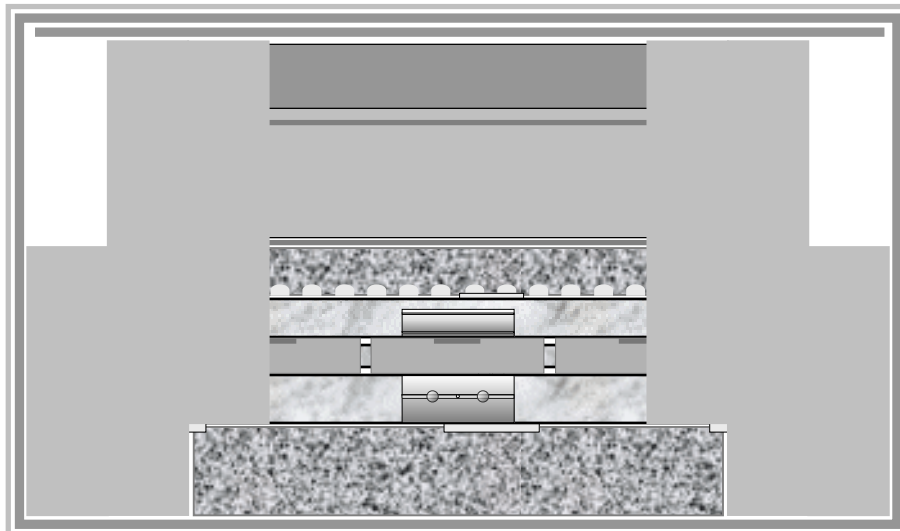


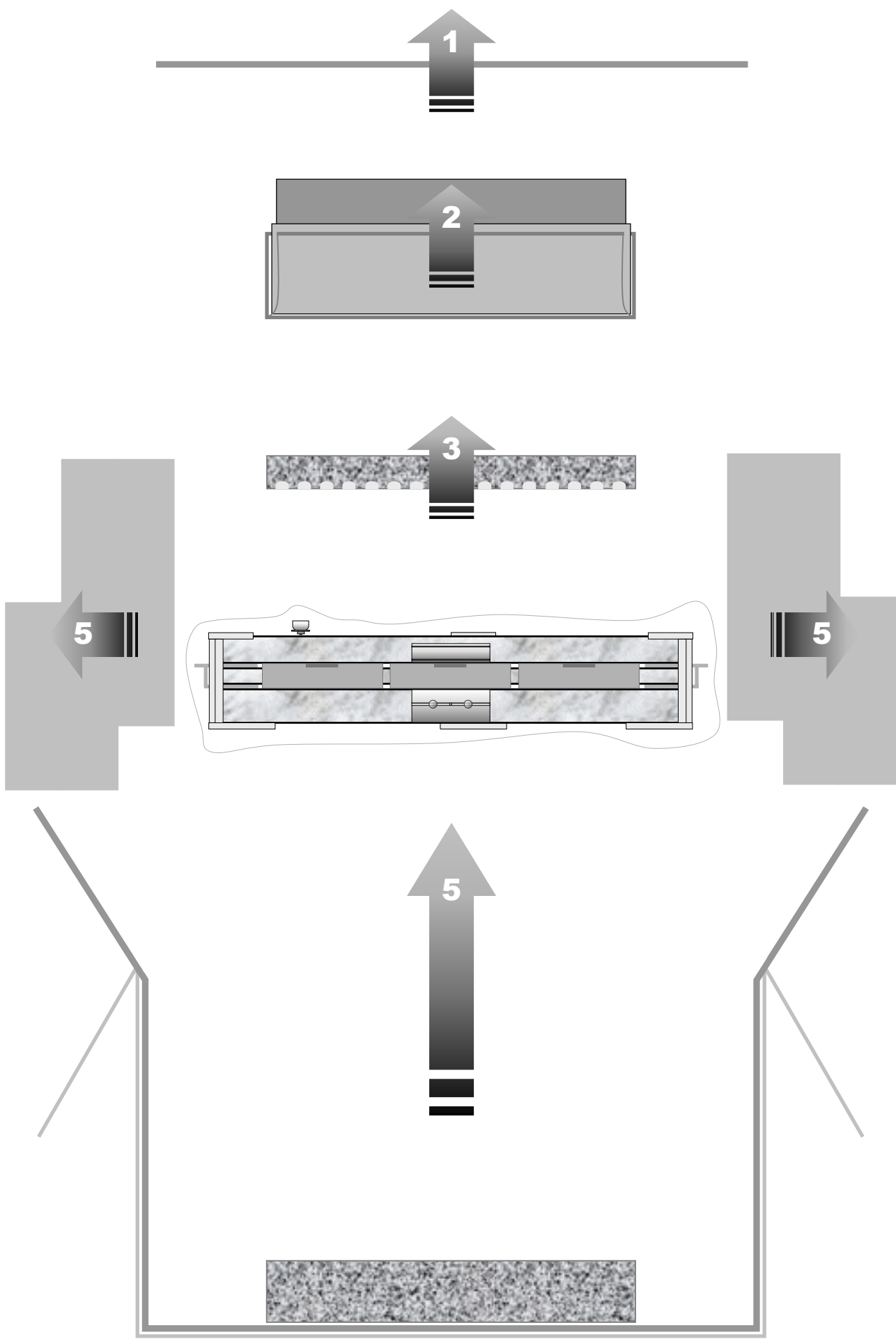
OUTER PLATTER

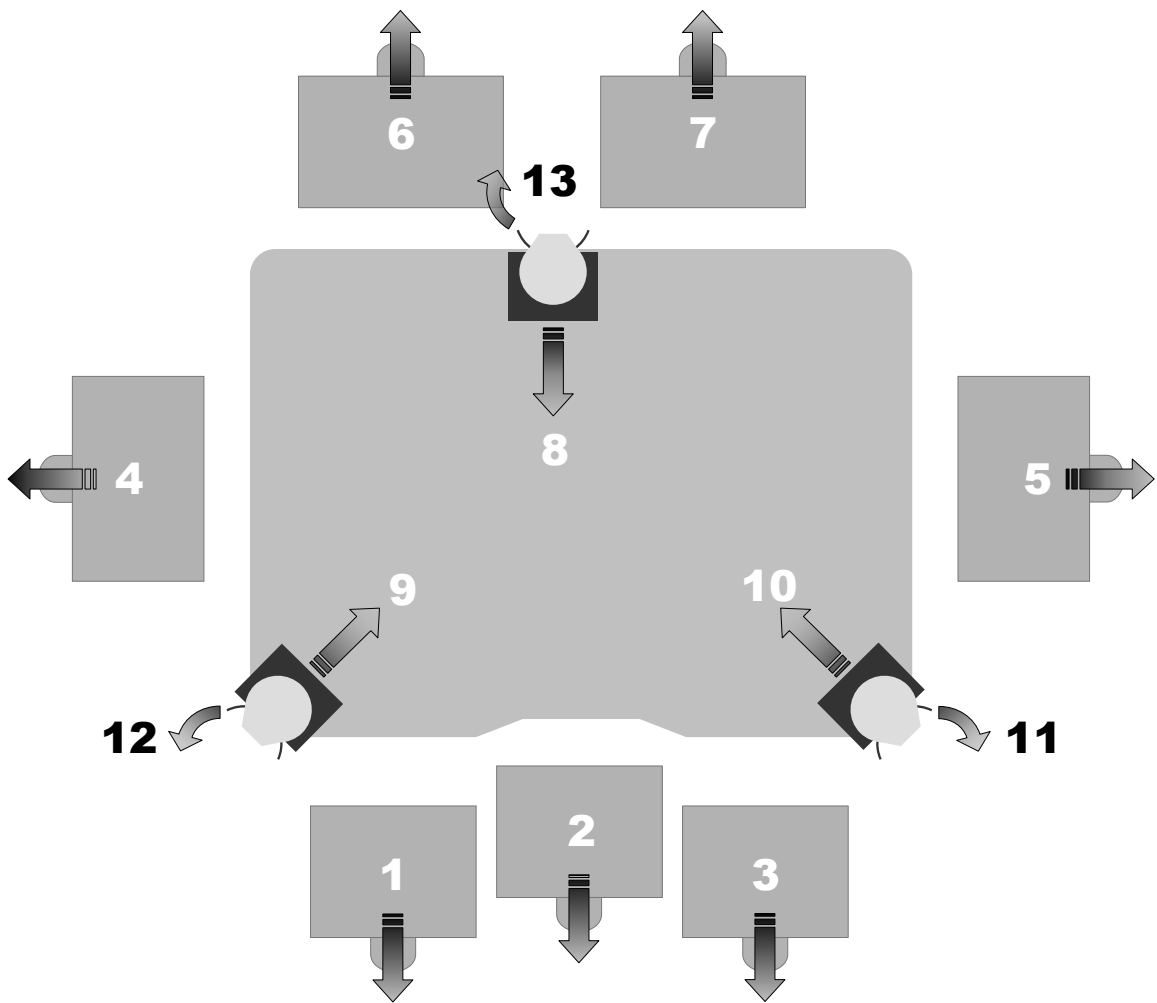
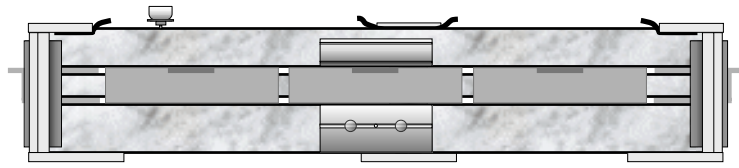
- 1A SAW CUT FROM 12 " SOLID ALUMINUM ALLOY BAR
- 2A PRECISION MACHINED TO SHAPE (TUNED RESONANCE)
- 3B SAW CUT FROM 12 " SOLID ALUMINUM ALLOY TUBE
- 4B PRECISION MACHINED TO SHAPE (TUNED RESONANCE)
- 5 RIM HEATED TO EXPAND AND CENTRE PART FITTED
WHEN COOLED THE OUTER PLATTER PRECISION
MACHINED FOR FINAL SIZE AND ACCURACY
- 6 COMPLETE OUTER PLATTER LINEARLY DAMPED FREE
OF ANY UNWANTED RESONANCE

PACKAGING

IMPORTANT: Your TMS2 reference record player main plinths are constructed from a specially formulated material not unlike marble or stone and hence are extremely fragile. The packaging for your TMS2 is carefully designed for safe transportation and all packaging material/parts used must be in good condition and the unit must be repacked correctly to avoid shattering of the main plinths during transportation. Please study the following section and keep all packaging material intact for safe future transportation.





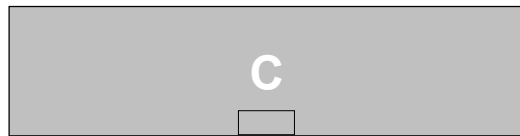
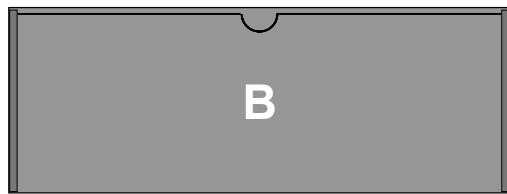
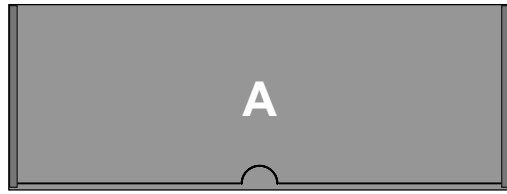


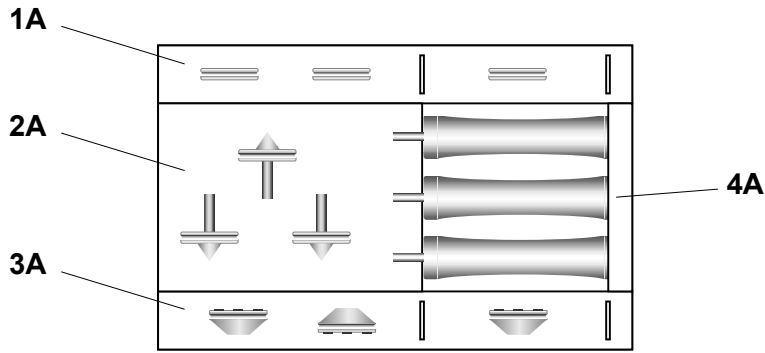
RECORD PLAYER

Plinth Protection

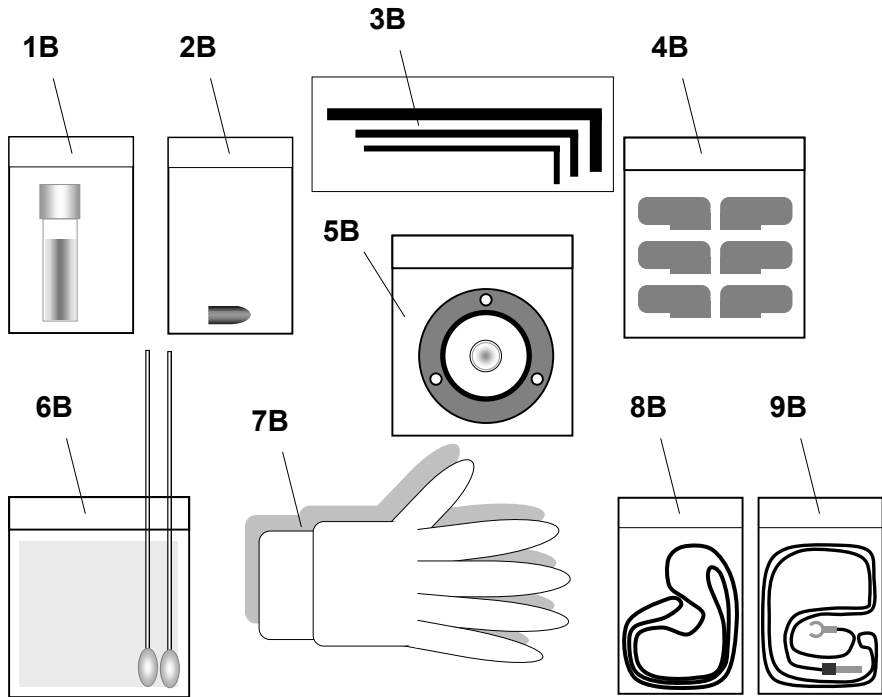
- 1, 2, 3 Narrow Plinth Packing Cards
- 4, 5 Wide Plinth Packing Cards
- 6, 7 Wide Plinth Packing Cards
- 8, 9, 10 Square Plinth Packing Rubber Sheet
- 11, 12, 13 Rectangular Plinth Packing Rubber Sheet

Remove	Refit
1 st	5 th
2 nd	4 th
3 rd	3 rd
4 th	2 nd
5 th	1 st

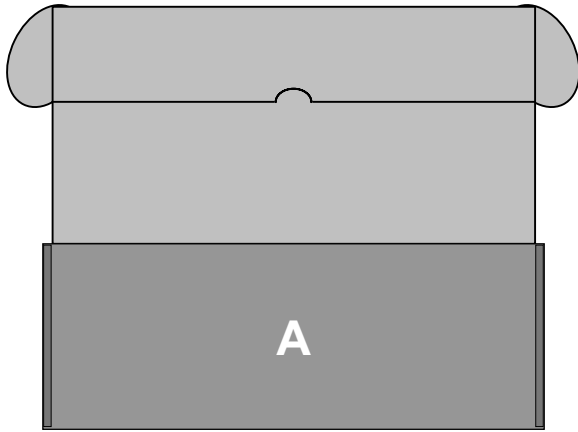


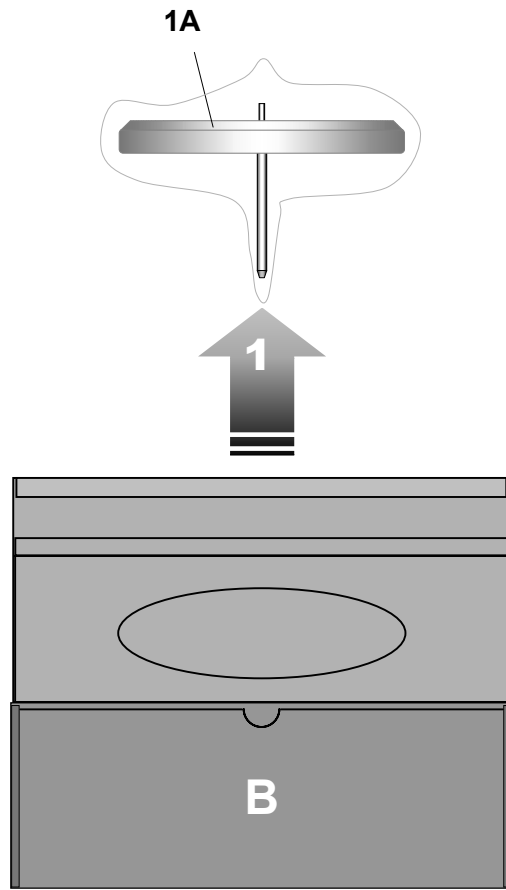


- TOP TRAY** *Box A*
- 1A Adjustable feet Lock Nuts
 - 2A Adjustable Spike Feet
 - 3A Foot Bases
 - 4A Set-up Feet



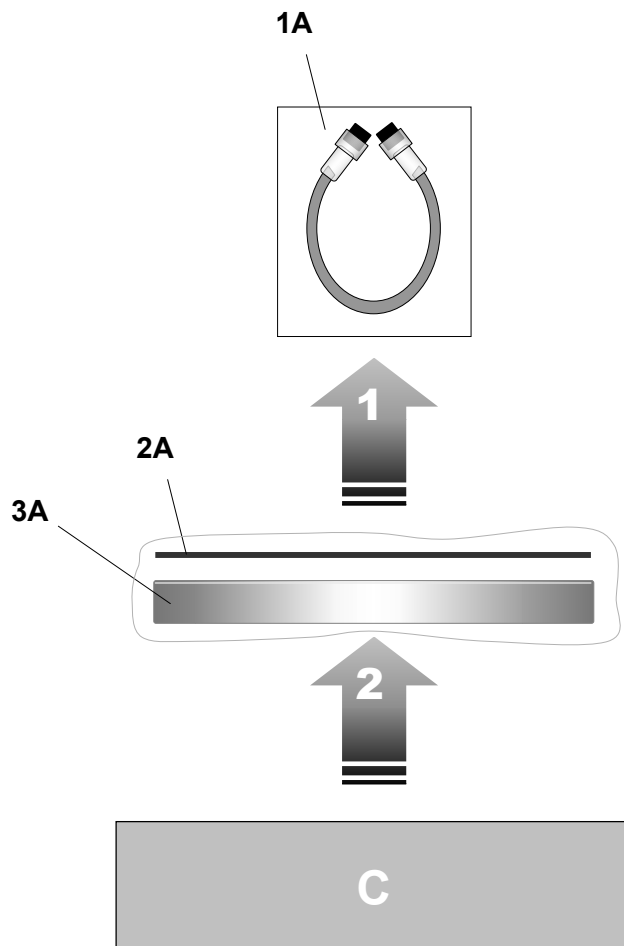
- ACCESSORIES** *Box A*
- 1B Main Bearing Oil vial
 - 2B Main Spindle cap
 - 3B 2.5, 3.0, 5.0mm Allen Keys
 - 4B Dust Cover Locating stops
 - 5B Spirit Level
 - 6B Lint Free Tissue and Cotton Buds
 - 7B Cotton Gloves
 - 8B Drive Belt
 - 9B RCA Phono Ground Link





Box B

1A Inner Platter and Main Bearing Spindle

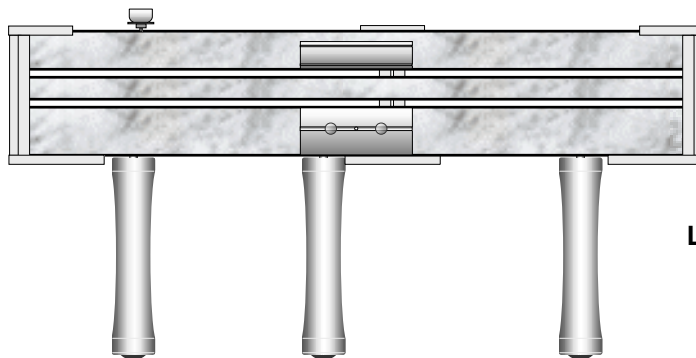
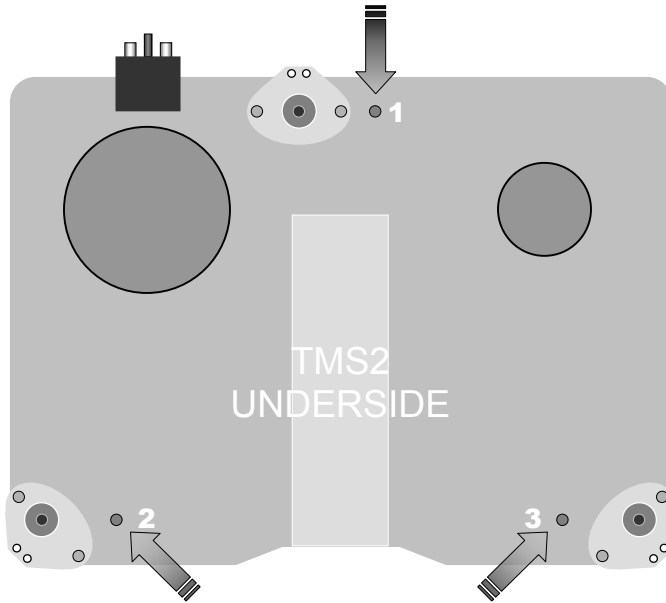
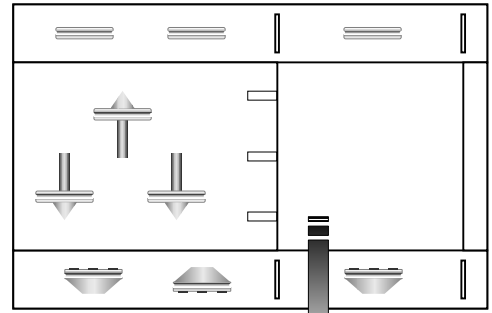


Tray C

1A ROK-DC1 Lead
 2A Felt Matt
 3A Outer Platter

Fitting the Set-up Feet *Top Tray Box A*

- 1 Prepare a clean strong level surface to work on
- 2 Remove the Set-up Feet from the tray
- 3 Carefully rest the TMS2 on its front on a clean and soft cloth. Support the Sub-plinth while doing this.
- 4 Locate inserts (1, 2 & 3) and carefully screw the Set-up Feet on as shown

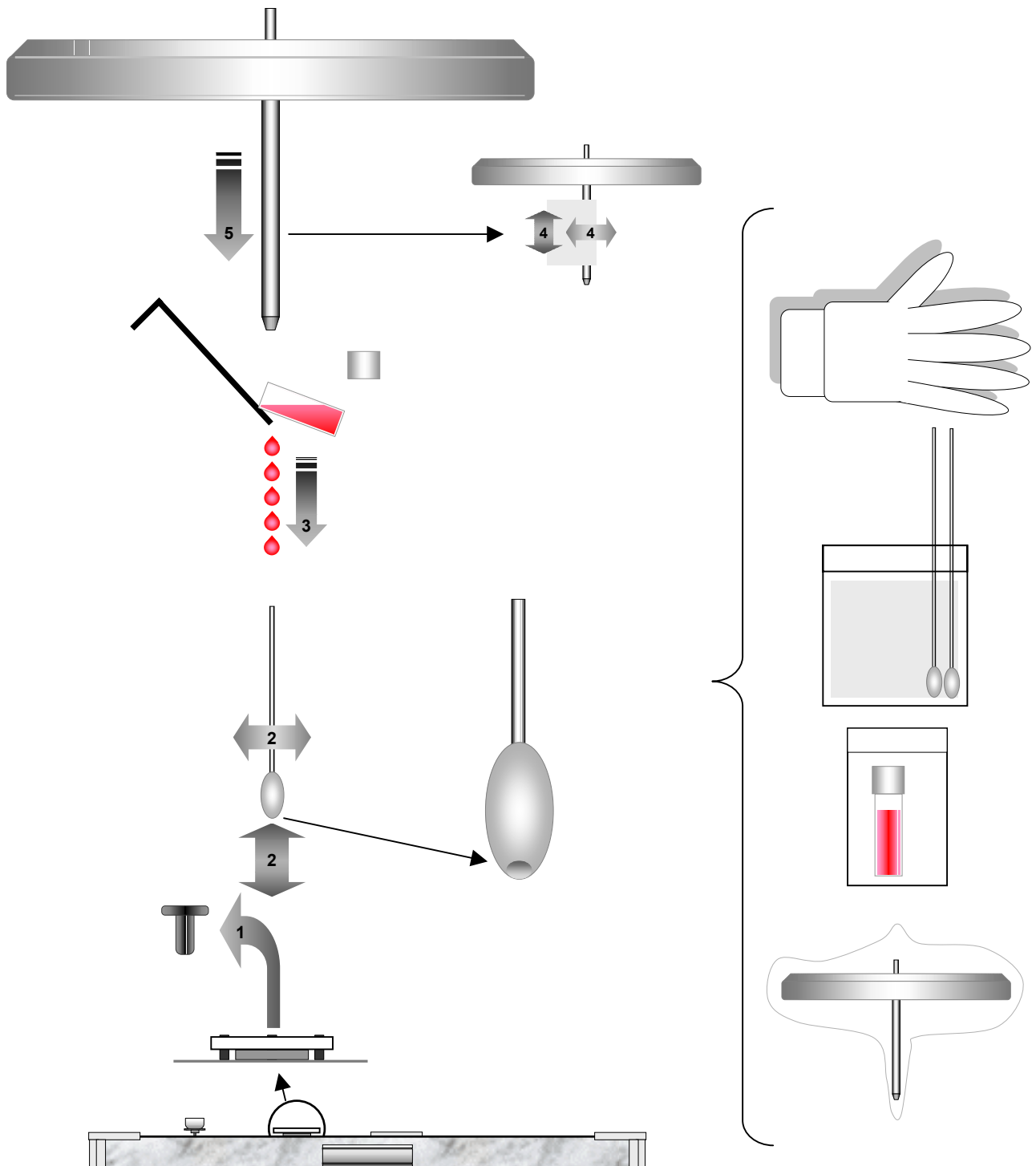


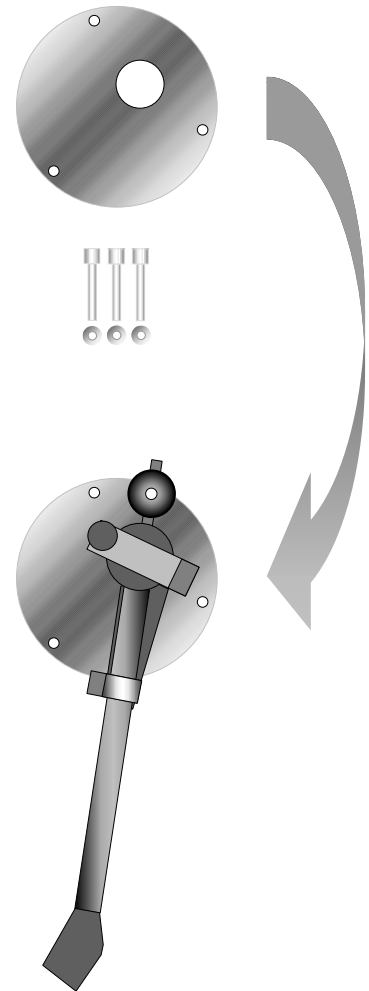
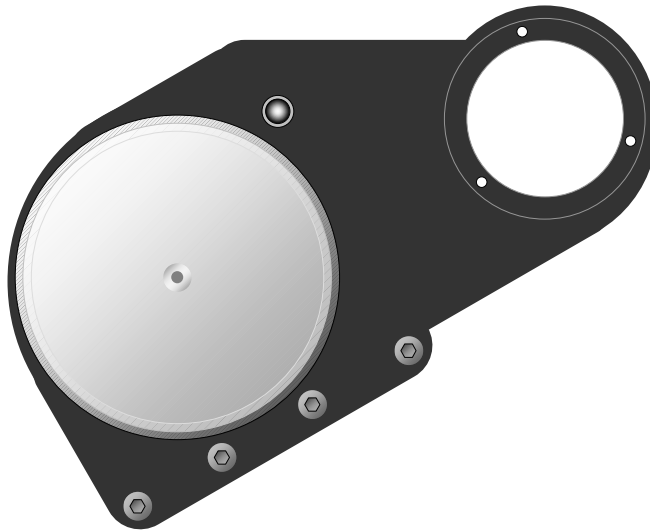
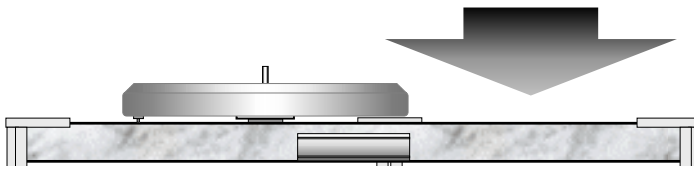
Fitting the Inner Platter

Box A, Box B

- 1 Pull out the Main Bearing Plug and place it in the Oil Vial bag
- 2 Carefully clean the Main Bearing with one of the Cotton Buds and check that there is a ball impression on the tip
- 3 Use a clean Allen key and charge the Main Bearing with 4 to 5 drops of Roksan supplied Oil
- 4 Wear the cotton gloves and remove the Inner Platter from its bag: use the Lint Free Tissue and gently clean the Inner Platter Spindle free from any dirt
- 5 Gently place the Inner Platter Spindle into the Main Bearing and allow it to settle down *

* Due to very tight tolerances the Inner Platter will take some time to settle down





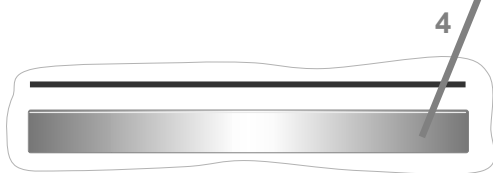
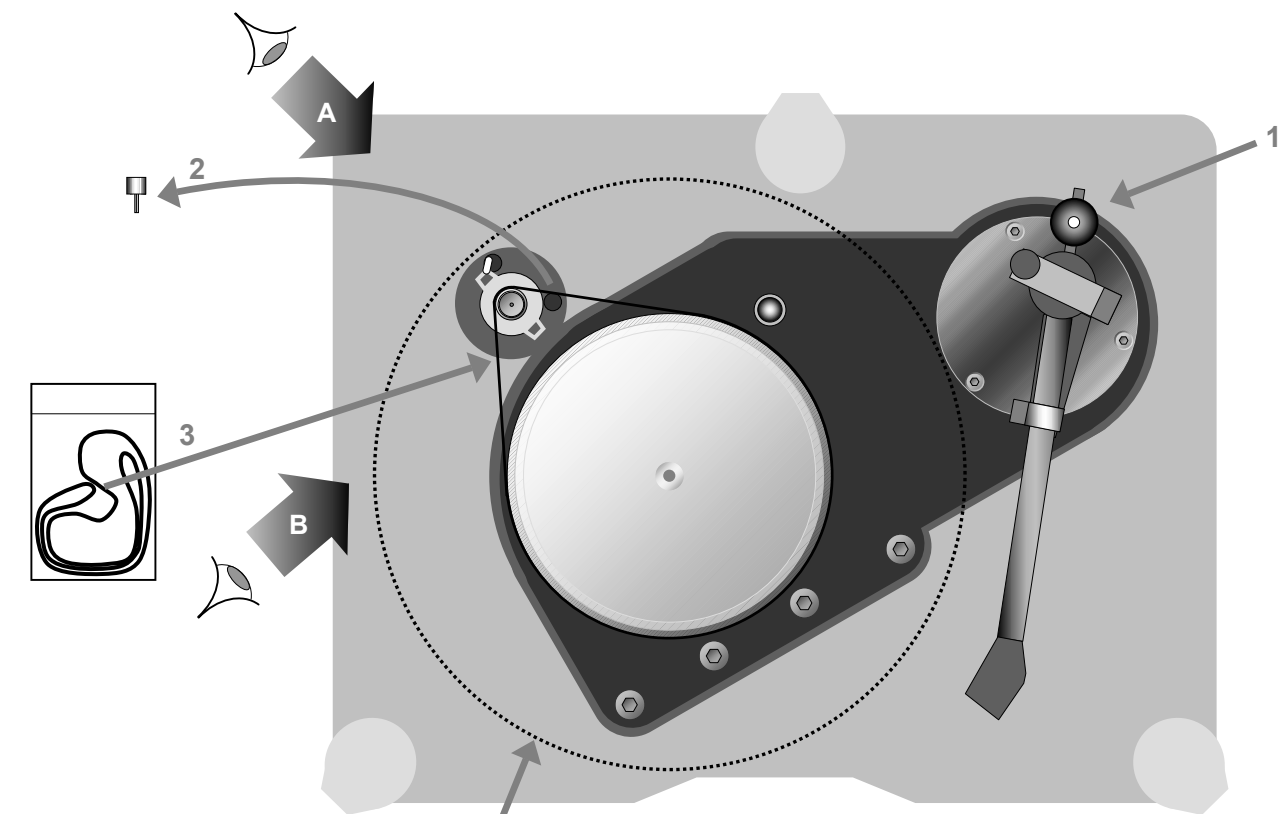
Fitting Pickup Arm and Phono Cartridge

- 1 Use 3mm A/F Allen key provided and remove the Acetal arm board
- 2 Carefully fix the Phono cartridge to the head-shell following manufacturer's instructions
- 3 Carefully mount the Pickup arm to the arm board following manufacturer's instructions (do not **fully** tighten to the arm to the arm board allowing for later VTA adjustment)
- 4 Remount arm board tightening the Allen bolts fully (if required support the arm board from underneath while tightening the bolts)
- 5 Plug in the pickup arm 5-pin DIN connector and check that the top plinth assembly is free
- 6 Ensure the gap around the Sub-plinth is even (if necessary use the Tilt Adjustment Screw, gently lift the Sub-plinth and reposition it)

IMPORTANT NOTE



When the tone arm to be fitted is too heavy or too light for the factory set suspension (according to the arm board cutout), then the Mid-plinth position will move down or up by more than 3mm. There are no adjustments from outside of the record player for this. **Only** Roksan or Roksan appointed distributor/retailer, trained on setting up the TMS 2, should carry out this adjustment.



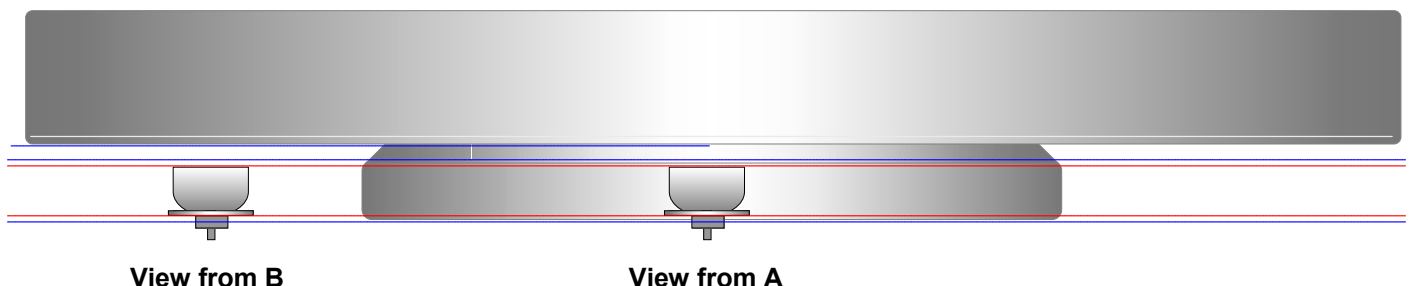
Marking on the Drive Belt by Roksan

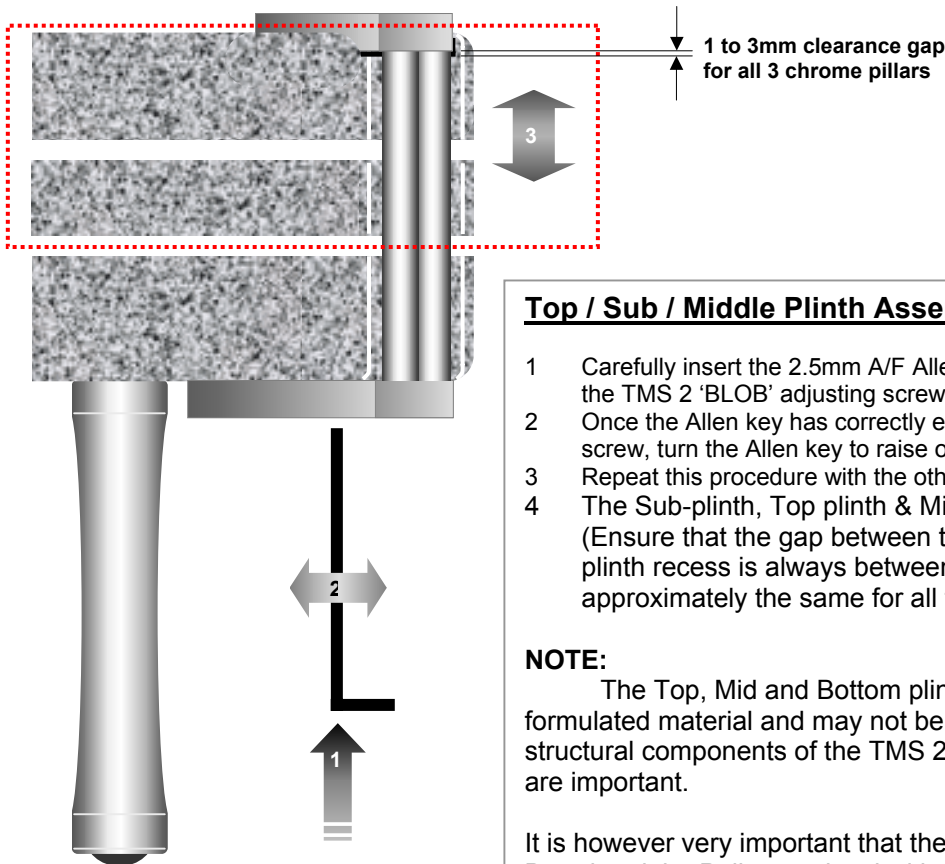
The arrow indicates the out side and the direction of rotation

Fitting Drive Belt, Outer Platter & Level Adjustments

- 1 Carefully place/fit tone arm counter weight
- 2 Carefully remove the motor transit screw (place in a bag and store in the accessories box for future use)
- 3 Remove the Drive belt from the bag and gently place it around the inner platter and the motor pulley (Note the TMS2 will perform better when the belt is **not** inside out and when it is the right way up. To check for this refer to the marking on the drive belt)
- 4 Remove outer platter from bag and gently place it upside down over the inner platter and ensure that it seats correctly on its recess (To avoid marking/tarnishing the platter use the cotton gloves provided. Be extra careful to ensure the platter does not slip through your hands as this could cause some damage)
- 5 Check the alignment of the motor pulley against the inner/outer platter by looking in the directions 'A' & 'B' (View the Top edge and the Flange of the pulley to see if it is level with the inner/outer platter) for this adjustment see instructions below

Motor Pulley & Inner/outer platter alignment





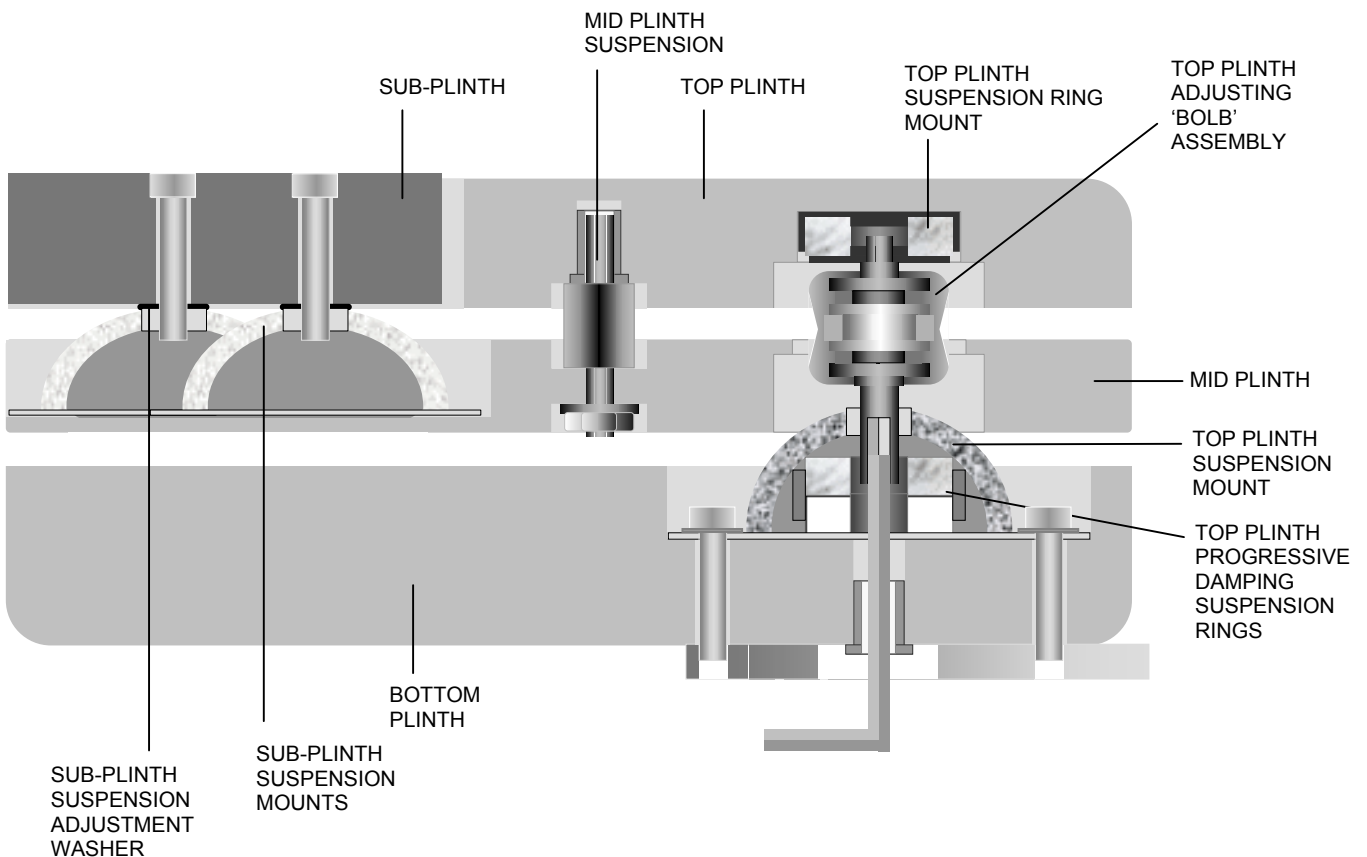
Top / Sub / Middle Plinth Assembly Level Adjustment

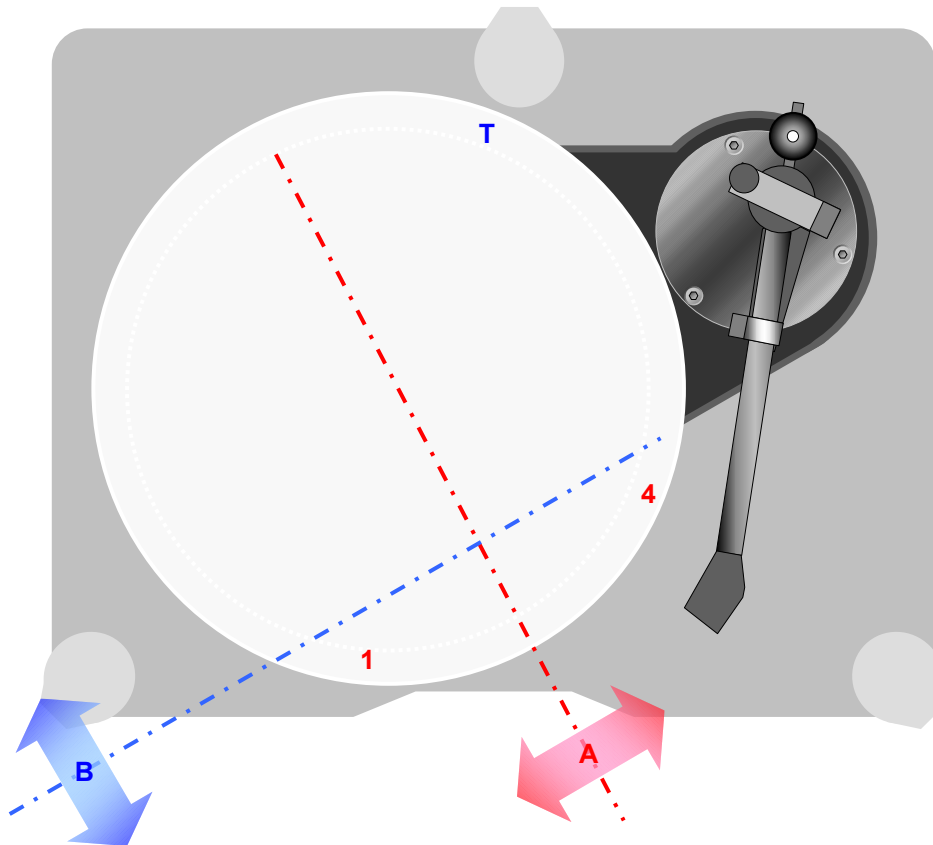
- 1 Carefully insert the 2.5mm A/F Allen key through the Foot Insert and find the TMS 2 'BLOB' adjusting screw hole
- 2 Once the Allen key has correctly engaged with the 'BLOB' adjusting screw, turn the Allen key to raise or lower the Top Plinth Assembly
- 3 Repeat this procedure with the other two suspension points
- 4 The Sub-plinth, Top plinth & Middle plinth raise and lower together (Ensure that the gap between the chrome pillar top and the top plinth recess is always between 1mm to 3mm and that this gap is approximately the same for all three pillars)

NOTE:

The Top, Mid and Bottom plinths are custom made of a specially formulated material and may not be exactly flat. These plinths are structural components of the TMS 2 and only their structural properties are important.

It is however very important that the Main bearing/Inner platter, the Arm Board and the Pulley are level with each other.





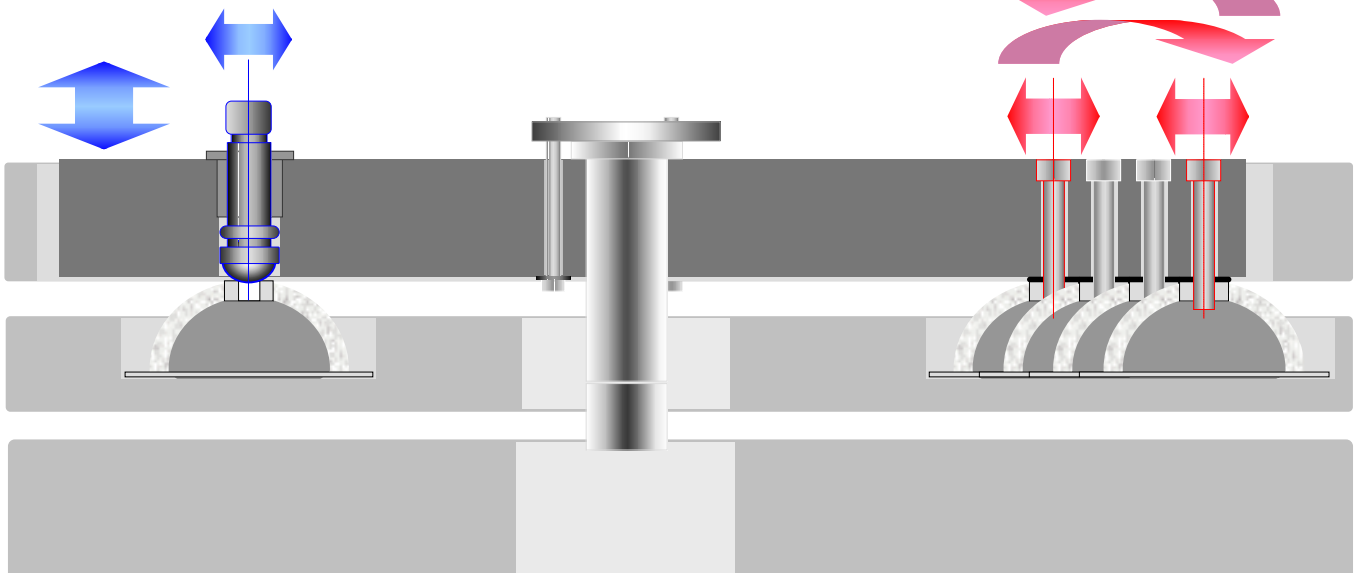
Sub-Plinth Assembly Tilt Adjustment

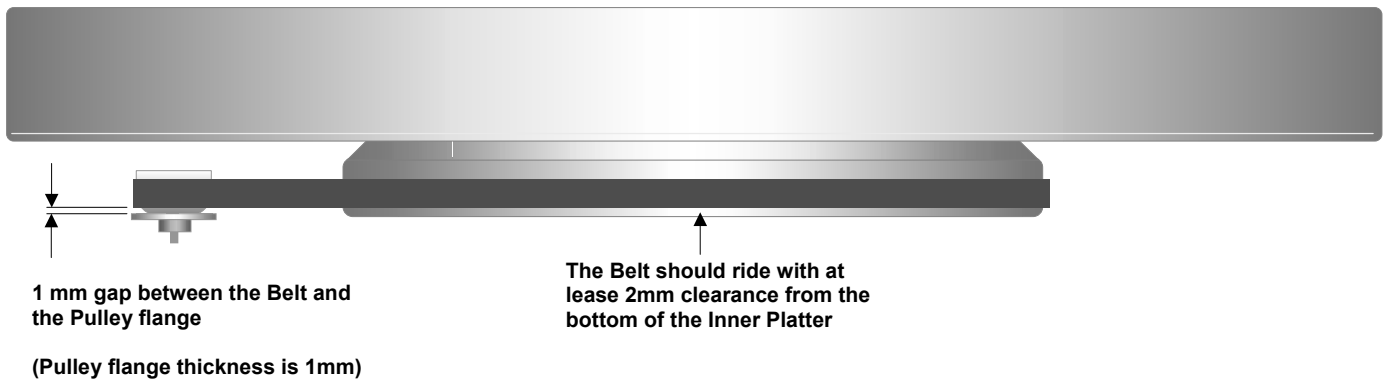
- 1 Gently tighten or slacken fixing bolts 1 & 4 accordingly (using the 5mm A/F Allen key) to adjust the level of the Sub-plinth/Inner Platter about the axis 'A' (Check that the Inner/Outer Platter assembly is level with the Pulley; See view from 'A' above)
- 2 Gently tighten or slacken Tilt adjustment screw T to adjust the tilt of the Sub-plinth/Inner Platter about the axis 'B' (Check that the Inner/Outer Platter assembly is level with the Pulley; See view from 'B' above)

NOTE:

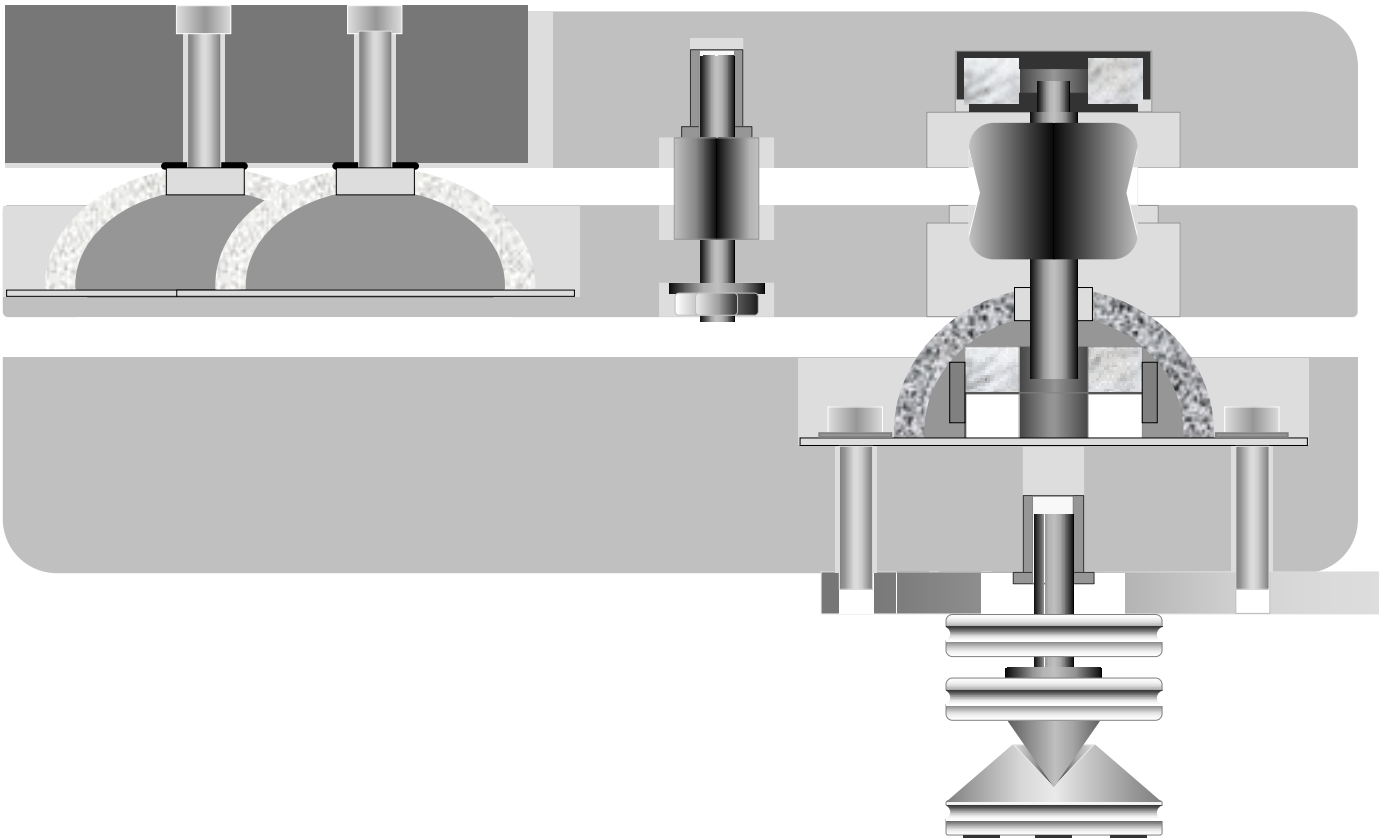
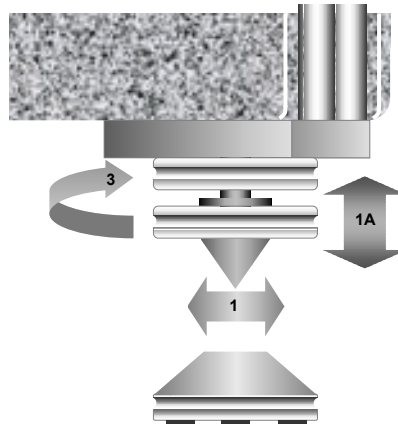
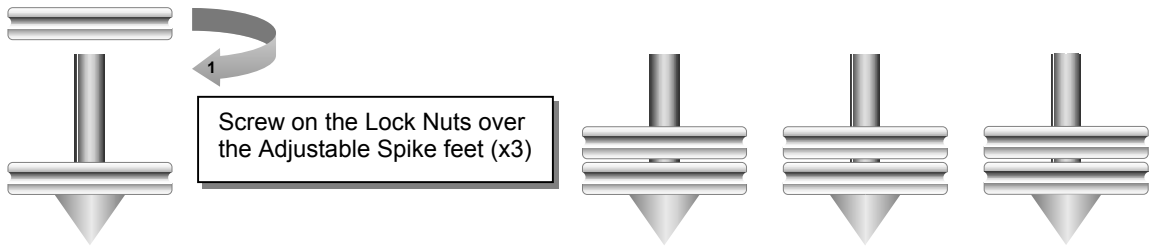
When the Pulley and the Platters are level to each other, the Belt should ride about 1mm above the Pulley flange; see below

TILT ADJUSTMENT ABOUT AXIS 'B'



Belt riding position**Drive Belt Set-up and Maintenance**

- 1 If the levels are adjusted but the drive belt rides a little too high, then remove the belt and gently stretch it. Wait a couple of minutes and refit the drive belt and the outer platter and check the running position again (Repeat this process if necessary)



Main Bearing Spindle Roundness & Concentricity Length to Diameter ratio	Super precision Tungsten Carbide < 1 Micron 11:1
Main Bearing Ball Roundness Diameter	Super precision Tungsten Carbide < 1 Micron 2mm
Main Bearing Housing Clearance	Solid Phosphor Bronze 2/10000"
Inner Platter	2 Piece solid Al alloy Interference fitted non-resonant
Outer Platter	2 Piece solid Al alloy Interference fitted non-resonant
Plinth Structure	4 Plinth Design
Suspension	6 Level De-coupling
Motor	Custom made 24 pole synchronous
Pulley Roundness & Concentricity	Solid Al. Alloy < 1 Micron
Belt	Precision ground Neoprene
Motor Mount	Unique synchronizing bearing
Motor Drive	Super XPS.V (internal)
Wow & Flutter	<0.02
Rumble	<-80dB
Dimensions	450x370x110mm (incl. Feet & base) 450x370x150mm (incl. Feet & base & dust cover) 450x370x220mm
Weight	18 Kg