

AMG

Turntable Giro

Operating and installation manual

# AMG Giro turntable

## Installation and operating instructions

Dear music-lover, we very much appreciate your choice of the AMG turntable.

### **Installation:**

After you open the cardboard box, please take off the first foam cover. Underneath you will find the power supply, the pick up arm 9W2 (if you ordered one), the record center support, the record clamp and the belt as well as a couple of gloves. All the screw drivers you need are in the tone arm box. Take it all out and put it aside.

Take the next foam cover and underneath you will find the platter put it out carefully aside to avoid any scratch and damaging the surface.

In the next foam cover you will see the turntable. Place it on your prepared table with a granite plate or any other solid surface you feel comfortable with.

Now you can bring the turntable in the right angle by adjusting the spikes in the two holes on the upper side of the chassis with the screwdriver no. 3.

Sling the drive belt around the platter pulley underneath the platter and hold it on the edge with one finger. Place the platter over the bearing that the motor pulley is located within the belt. Now put the belt in the groove on the pulley by using both hands. To make sure it is in the groove, turn the platter 1 or 2 times.

Put on the little plastic ring, with the diagonal upside, over the spindle to heighten your LP.

### **Speed-Adjusting:**

The speed is already set correct by the factory. If it's necessary to correct the speed for any reason proceed as described.

Touch the key of the speed you like to modify by at least five seconds. Now you have entered the programmable mode and the key will illuminate red and green. With the two keys you can speed up (up to 45) or slow down (up to 33) the platter. Every touch changes the speed only a little bit so that it might be necessary to touch it a few more times. After setting the speed touch the key of the selected speed again for at least five seconds and the processor is back in the normal operating mode.

### **Tone arm:**

For adjusting the pickup arm or installing a cartridge, please check in the tone arm manual.

To turn off your turntable, while it is not in use it is highly recommended to switch off your power supply or disconnect it from the main plug. For your own safety, you should do a regularly checkup of the power supply. If the isolation is damaged, please contact a specialist right away.

Enjoy your music

Your Julian Lorenzi with the team of AMG

# AMG Giro Plattenspieler

## Montage- und Bedienungsanleitung

Lieber Musikliebhaber, wir freuen uns sehr dass Sie sich für einen AMG Plattenspieler entschieden haben.

### **Montage:**

Nachdem Sie die Kartonverpackung geöffnet und die erste Schicht Schaumstoff entfernt haben, finden Sie in der ersten Lage die Holzkiste mit dem Tonarm 9W2 (sofern bestellt), das Netzteil, den Riemen, die Schallplattenerhöhung und die Plattenklemme sowie ein Paar Handschuhe. Alle Schraubenzieher die Sie zur Montage und Einstellung benötigen befinden sich in der Holzkiste des Tonarms. Nehmen Sie all diese Teile heraus und legen Sie diese zur Seite.

Nehmen Sie nun eine weitere Schaumstoffeinlage heraus. Nun können Sie den Plattenteller heraus nehmen. Legen Sie auch diesen vorsichtig zur Seite um Beschädigungen der Oberfläche zu vermeiden.

Nach einer weiteren Schicht Schaumstoff kommt der Plattenspieler zum Vorschein. Stellen Sie ihn auf den vorgesehenen Platz. Eine Granitplatte oder einen anderen soliden Untergrund.

Jetzt können Sie mit dem gelieferten Sechskant-Schraubendreher der Größe 3 den Plattenspieler in eine waagrechte Position bringen. Im Chassis befinden sich auf der Oberseite zwei Bohrungen durch die Sie die Spikes nach unten herausdrehen können.

Nun nehmen Sie den Plattenteller und schlingen den Antriebsriemen um die Riemenscheibe unter dem Teller und ziehen den Riemen auf der einen Seite bis zum Tellerrand und halten Sie ihn mit dem Finger fest. Dann setzen Sie den Teller so auf das Lager, dass der Teil des Riemens, den Sie festhalten, sich über der Antriebsscheibe des Motors befindet. Lassen Sie den Riemen nun los und drehen Sie den Teller bis der Riemen in die Nut einfährt (ein bis zwei Umdrehungen). Zur Kontrolle der korrekten Position des Riemens schauen Sie von der Rückseite des Plattenspielers unter den Plattenteller.

Legen Sie noch den kleinen Kunststoffring zur Schallplattenerhöhung mit der schrägen Seite nach oben über die Plattenspindel.

### **Einstellung der Drehzahl:**

Die Drehzahl ist Werkseitig eingestellt. Sollten Sie die Drehzahl verstellen wollen, so gehen Sie bitte folgendermaßen vor:

Drücken Sie die grün leuchtende Taste für fünf Sekunden nun leuchtet diese Taste rot und grün. Die vormals rote Taste wird grün. Mit der Taste „45“ erhöhen Sie die Drehzahl, mit der Taste „33“ kann die Drehzahl verringert werden. Da die Abstufung sehr fein ist, müssen Sie unter Umständen öfter drücken um die gewünschte Drehzahl zu erreichen. Zur Abspeicherung der Drehzahl drücken Sie die rot-grün leuchtende Taste erneut fünf Sekunden.

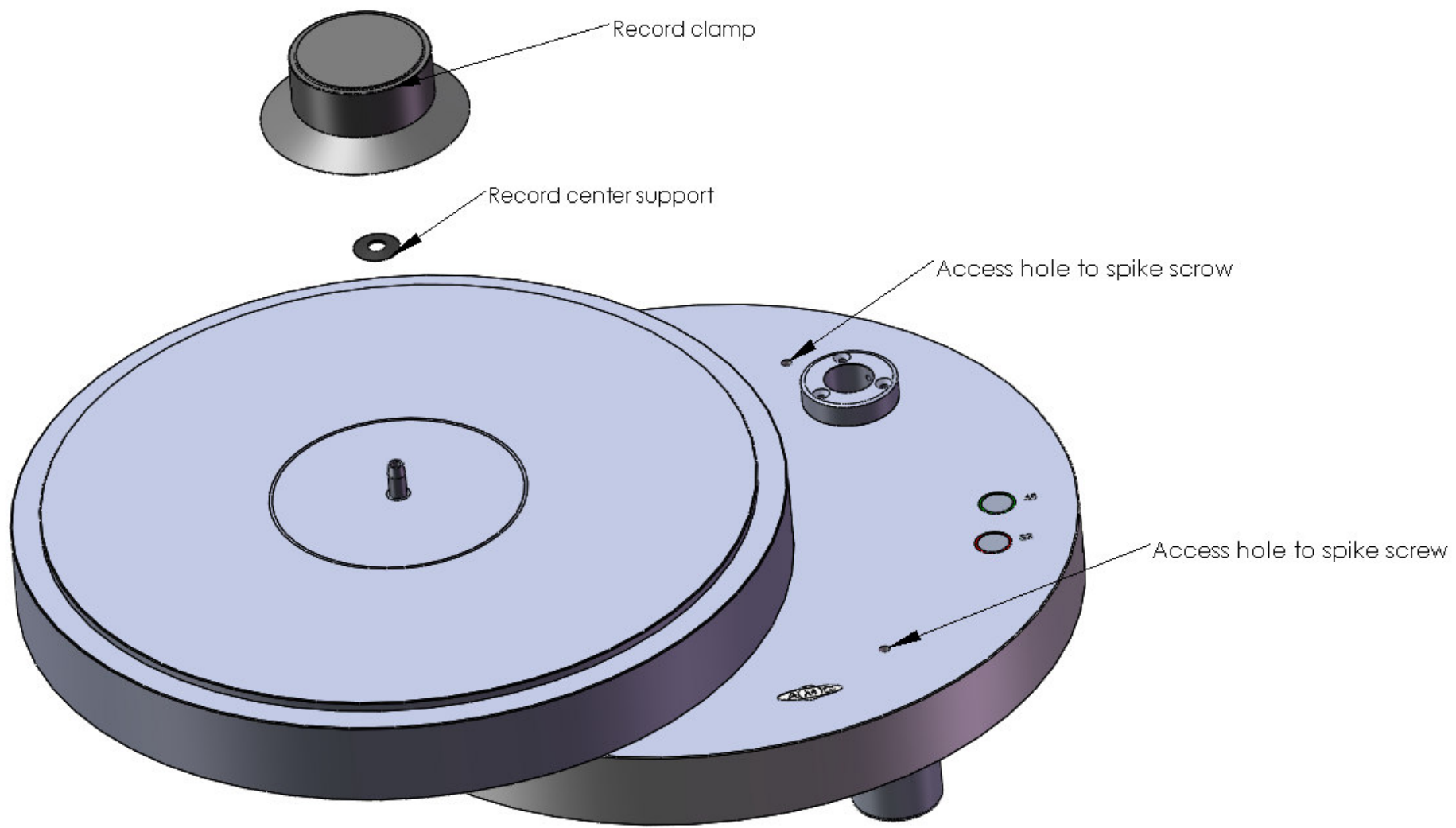
**Tonarmmontage:**

Für die Montage des Tonarms beachten Sie bitte die separate Anleitung.

Wenn der Plattenspieler nicht verwendet wird stecken Sie das Netzteil bitte aus. Zu Ihrer eigenen Sicherheit überprüfen Sie das Netzteil bitte regelmäßig auf äußere Beschädigungen und tauschen Sie es gegebenenfalls aus.

Genießen Sie Ihre Musik

Ihr Julian Lorenzi und das Team der AMG



Record clamp

Record center support

Access hole to spike screw

Access hole to spike screw

AMG

Tone arm 9W2

Operating and installation manual

# Tone arm AMG 9W2

Dear music-lover,  
thank you for your vote of confidence by choosing the AMG tone arm for playing your records.

## Technical description

The tone arm 9W2 has been developed in a completely new patented principle of engineering. Starting out from a standard tone arm with horizontal and vertical axles and the bearing play caused by the principle of design, we have totally eliminated the play in the horizontal axis by replacing it with two 0.4 mm thick spring steel wires. This also enables a direct acoustic coupling which exactly draws from your record what is truly on it. This principle is also used in the rotor heads of helicopters replacing the standard bearings and their play.

The vertical axle is made of hardened tool steel and precision ground to a backlash-free fit with a needle roller bearing. The axles are maintenance free and never need to be adjusted.

The antiskating system is also integrated in the bearing case. In the upper rim of the arm shaft you see one M 1.6 hexagon socket screw. By loosening them you can move them up and down and adjust the antiskating force.

All materials we use are stainless steel, tool steel, spring steel, anodized aluminum in aircraft quality.

The arm tube locking lever is plastic molded and the insert in the arm tube rest at the lift is of silicone.

## Preparation for installation

Take the tone arm out of the wooden box and place it on a soft rag on a level surface. Please check that the arm tube is locked by the locking lever. Insert the audio cartridge into the head shell to a preliminary position and slide the color coded female connectors on to the related pins at the cartridge. Now start with the final adjustment.

Effective length	229 mm
Distance from pivot to turntable center	211.0 mm
Overhang	18.1 mm
Offset Angle	24.07 °
Effective Mass	9.1 g
Null points (inner)	66 mm
(outer)	120.9 mm

**Please be advised to tighten all screws at this precision engineered product at low torque and by a sensitive touch.**

## Drilling the mounting bore

Please mark out as precise as possible the distance from pivot to turntable center of 211 mm. Drill a bore in your plinth or arm board at exactly this distance. You may use the mounting bushing as a template to drill the bores for the three fastening screws. The screws are metric M 4. For a wooden plinth use appropriate screws for wood. Insert the mounting bushing so that the locking screw for the tone arm shaft is easy accessible from the right. If you do not have a drill press or better a milling machine, please see a machine shop.

The 9W2 tone arm is available in two different variations concerning his connection. One with a SME connector in the tone arm shaft were you may direct connect your audio cable, and another one with flying leads, which you have to solder to cinch or XLR connectors.

## Adjustment procedures

Slide the tone arm with the shaft into the mounting bushing. Slide the counterweight onto the arm tube and balance it, so the tube is horizontal and free swiveling. Be sure, to adjust the height so your cartridge clears the platter. The active range of the antiskating system is about 250 mm. Turn the arm shaft, that the armtube are 90° to the frontside. Take a # 1.5 hex screwdriver and lock the locking screw in the mounting bushing.

To continue, it is recommended to set the antiskating to minimum. In the flange of the arm shaft is a screw on the right. Take the # 1.5 hex screwdriver, loosen it a bit and slide them all the way down. This is what moves the antiskating magnet away from the ring magnet in the bearing case and your antiskating force is set to minimum.

Now adjust the vertical tracking force (VTF) with a scale. It is essential, that the arm tube is in a horizontal position while resting on the scale. If your scale sits much higher on the platter than a record, set it on a piece of wood aside the platter. When VTF is set, gently fasten the locking screw in the counter weight with the # 2.5 screwdriver.

The tone arm lift is preset at the factory. If you like to raise your stylus higher or lower, the lift slides in the bracket by loosening the locking screw in the bracket with the # 0.9 hex screwdriver.

Cross check your pivot to turntable center distance. If the tone arm is mounted to a Viella turntable, please check if the dial on the right side of the arm board is set to zero. This adjusts your distance correctly. Now put a record on the platter and set the VTA horizontal.

Take the # 1.5 hex screwdriver, loosen the locking screw in the mounting bushing flange and if you have the two connectors with a Viella turntable, loosen the connector locking screw in the arm board as well. Adjust the VTA with the height adjustment screw in the lift bracket. Tighten the locking screw(s) again.

Now set the correct overhang by using a good template.

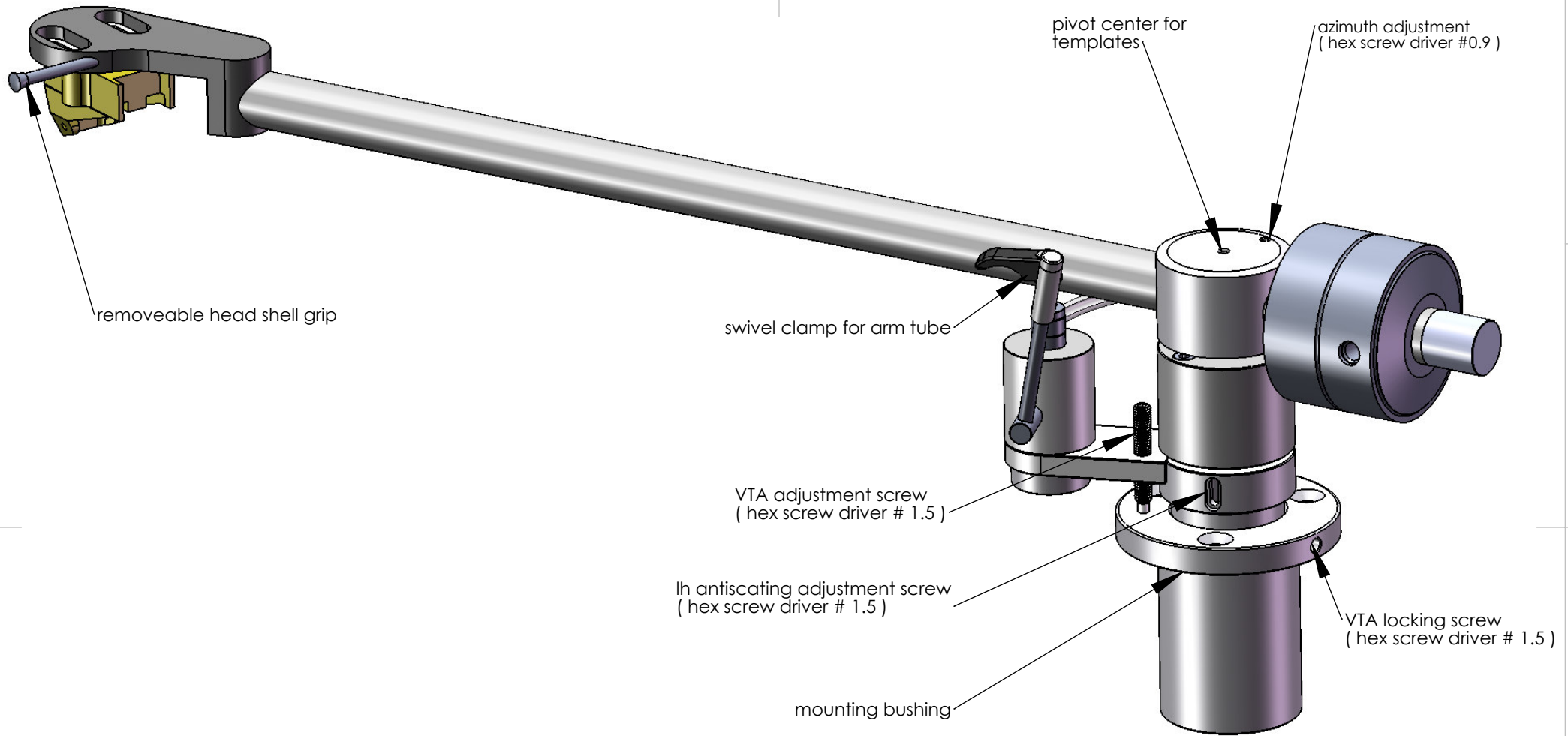
The antiskating system is very effective. Start with up by two thirds with the # 1.5 hex screwdriver. Than continue with a measuring record or Wally Tools Wallyskater or something equivalent.

The tone arm also has a azimuth adjustment. It is set to zero at the factory. If you do not have appropriate measuring equipment, like a Fosgate Fosgometer, it is not recommended to use it. If you like to make azimuth adjustments, take the # 0.9 hex screwdriver to loosen the locking screw at the left side of the tube hub. Then adjust the azimuth by little increments with the screw on top of the hub. Press the hub gently down by your finger while tightening the locking screw again.

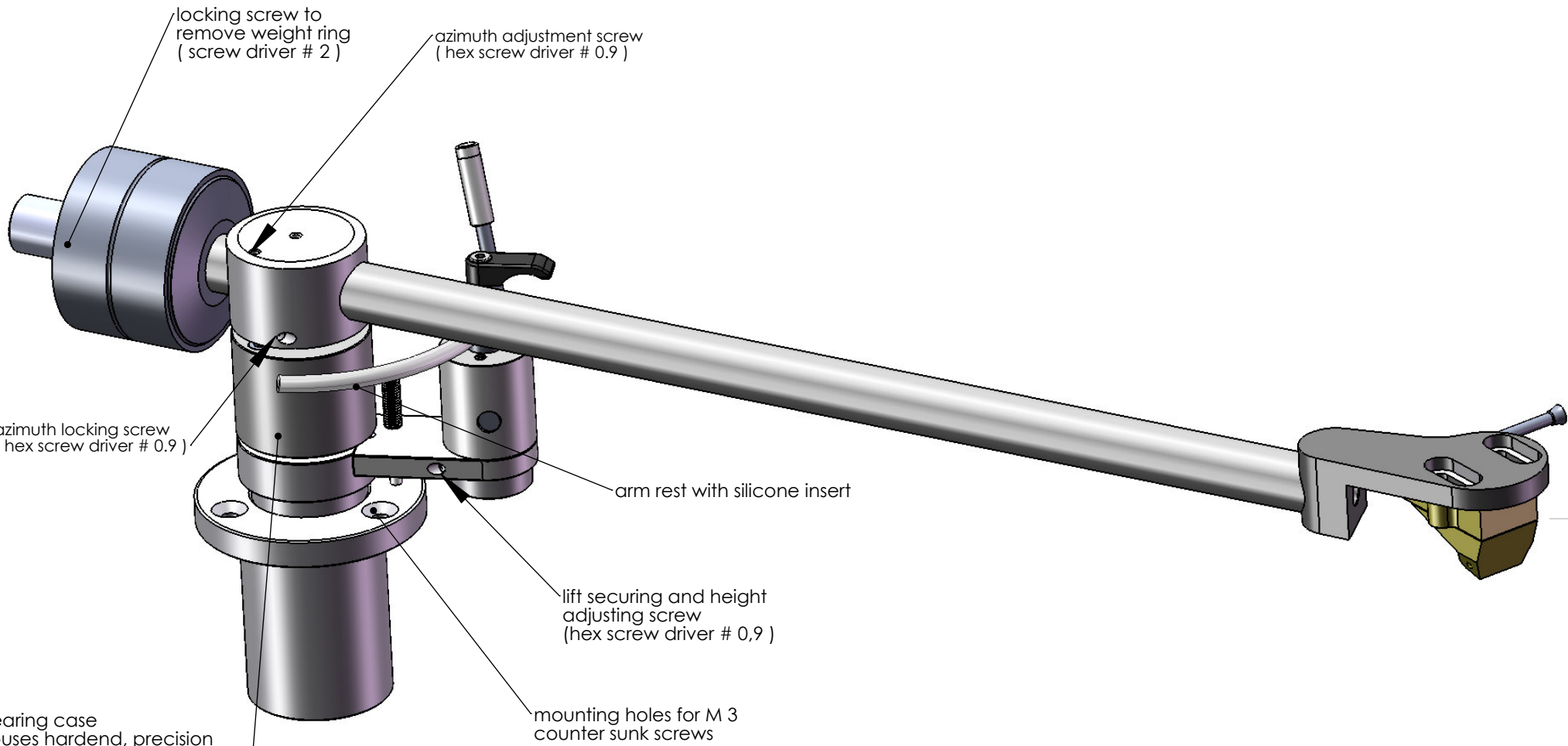
Now enjoy your music. We like to wish you lots of joy with this precision product.

Your Julian Lorenzi with the team of AMG





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