

ORACLE AUDIO

THE FINE ART OF PLAYING MUSIC



Oracle Audio Technologies

Delphi MkVI Gen-2
Owner's Manual

FOREWORD

Thank you for purchasing the Oracle Delphi MkVI Second Generation. We truly appreciate your support !

This is your Delphi MkVI Second Generation owner's Manual. The following pages will describe as succinctly as possible the assembly of your new turntable. Although some operations are self explanatory, we strongly suggest you read this booklet thoroughly to better understand the importance of the different key adjustments.

Your Delphi MkVI Second Generation is a precision instrument and its performance is directly linked to the quality and accuracy of the different adjustments you will perform. It is important to set up your new turntable with the utmost care so it can effectively convert record groove modulations into outstanding musical performance and enjoyment!

Maximum performance and total accuracy of your source system can only be achieved by following a logical step by step process where each and every minute details about the turntable suspension calibration, tone arm and cartridge installation and alignment are carefully and accurately addressed and executed with maximum precision.

*The Oracle Delphi turntable is an artwork of geometry.
Please take your time setting up your turntable !*

FOR YOUR RECORDS

Oracle Delphi MkVI Second Generation serial Number: _____

Power Supply Serial Number: _____

Dealer Name: _____

Dealer Address: _____

Dealer Phone: _____

Purchase Date: _____

We suggest you keep your sales slip together with this owner's guide.

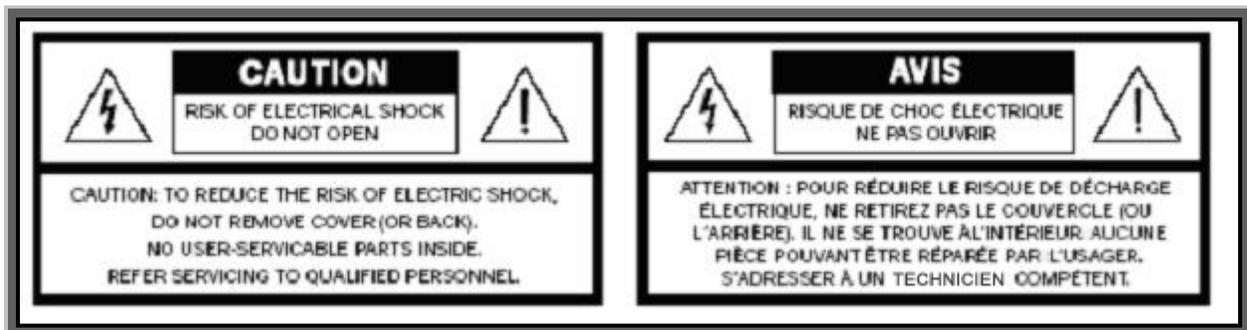


TABLE OF CONTENTS

Unpacking your Delphi MkVI Second Generation.....	4
Assembling the sub-chassis	6
Installing the tonearm and phono cartridge.....	6
Precisely align the phono cartridge.....	8
Assembling and leveling the plinth.....	9
Installing the MVSS plungers.....	10
Preparing and installing the suspension modules.....	11
Calibrating the suspension.....	12
Filling the MVSS reservoirs with the silicone fluid.....	13
Installing the drive belt	14
Calibrating the Micro Vibration Stabiliser System	15
Attaching the phono lead	16
Connecting the power supply.....	17
Adjusting the 33 & 45 rpm speeds	17
Attaching the ground lead.....	17
Installing and calibrating the hinges.....	18
The record clamp and tapered washer	18
Leveling your Delphi MkVI Second Generation	19
Maintenance	20
Technical specifications.....	20
Warranty registration card	21

UNPACKING YOUR DELPHI MKVI SECOND GENERATION

Before you begin the set up process, it is important that you find a clean and rigid surface where you will be able to safely place the turntable for the assembly. Make sure there is adequate lighting.

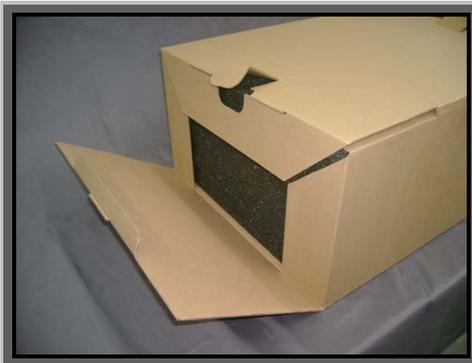
The packaging system has been designed to protect your Oracle turntable from the abusive handling normally encountered during shipping. Such packing materials are expensive. (the replacement cost is around \$ 300). We recommend you save it and also save the plastic bags for future handling. When repacking your turntable, position each item in its allocated section. When repacking always use the protective plastic bags to prevent a direct contact between the clear protective coating and the foam packaging.

It is mandatory to use the original packaging for any warranty return to the factory.

All the accessories are strategically and safely located in the packaging to prevent them from flying loose to prevent any damage to your turntable during shipping.

The very first steps :

- Open the outer box.
- Remove the four protective foam corner pieces.
- Lift the inner box by lifting it straight up and out.
- Open the flaps on both ends and then the top cover, the inner box will then spread open.



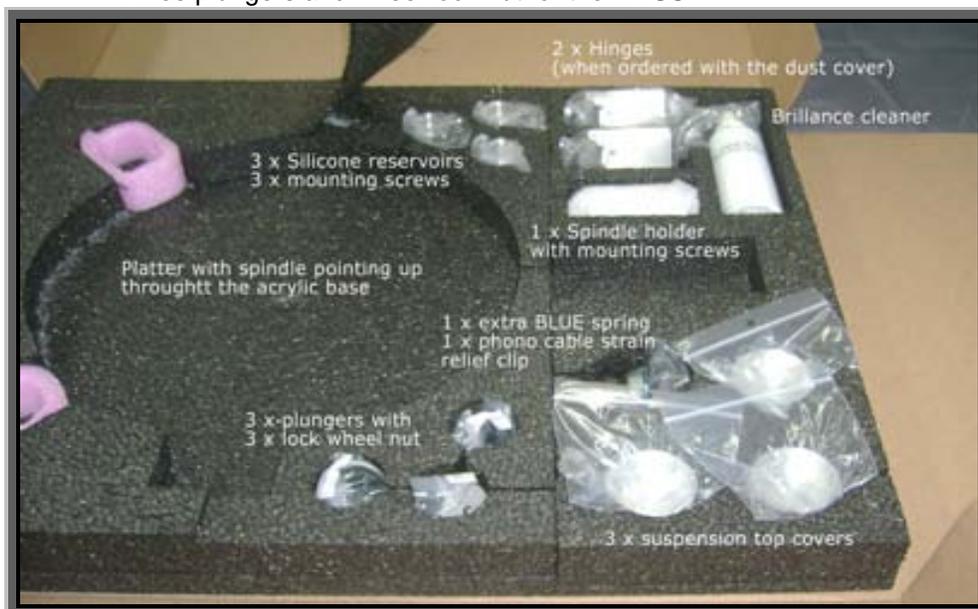
Items located in the TOP section of the foam packaging:

- Dust cover (optional item, can be ordered separately)
- Calibrator disc
- Spindle holder lubricating oil (7cc syringe)
- Record clamp
- Suspension blocking spacers
- Oracle Power supply
- Drive belt
- Lint free cloth
- Suspension adjustment gauge
- Tool bag (screw driver, allen keys, 5/32" 9/64"-3/32"-5/64")



Items located in the bottom section of the foam packaging:

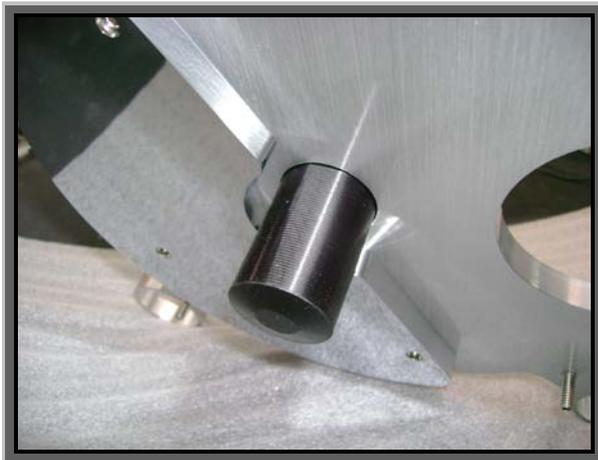
- Acrylic plinth and drive module assembly
- Platter & platter hub (two piece platter assembly)
- Brilliance cleaner
- Hinges (optional item if ordered with a dust cover or if required)
- Strain relief device
- Spindle holder assembly
- One extra suspension spring, colored Blue
- Three suspension caps
- Three reservoirs for the Micro Vibration Stabilizer System (MVSS)
- Three plungers and wheel lock nut for the MVSS



ASSEMBLING THE SUB-CHASSIS



Important note : The platter and platter hub are located below the acrylic base with the spindle pointing up. Carefully lift the acrylic base and drive module assembly straight up so as not to damage the platter's spindle.



Assembling the spindle holder to the sub-chassis

- Locate the spindle holder assembly and remove the 3 mounting screws.
- Retrieve the 9/64th allen key in the tool kit.
- Lift the sub-chassis straight up and install the spindle holder from under the sub-chassis (ground plug side).

Note : DO NOT FILL THE SPINDLE HOLDER WITH BEARING OIL AT THIS TIME!

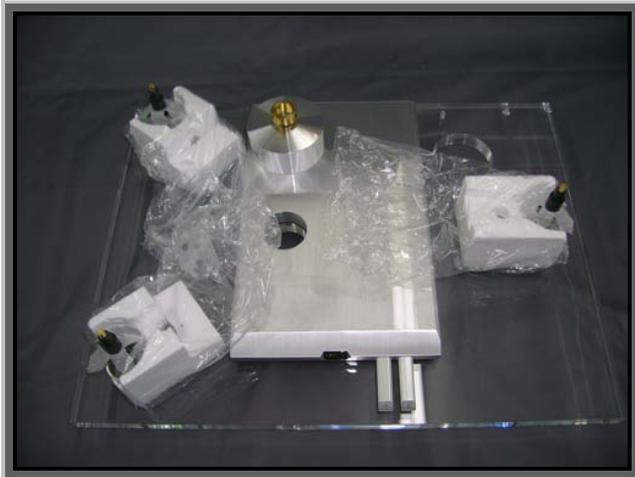
INSTALLING THE TONEARM AND PHONO CARTRIDGE

Precaution – When performing anything near the tonearm and cartridge, we recommend not wearing loose clothing, ties, sweaters or anything than can catch and damage the cartridge cantilever.

Install the tonearm following the manufacturer's recommendations.

Notes :

- At this time the MVSS plungers and wheel lock nuts will not be fitted to the sub-chassis.
- The silicone reservoirs will be installed on the acrylic base later during the assembly process.
- The drive belt **should not be installed** for this operation.
- Handle the platter and platter hub installation carefully to prevent any damage to the precision screws inside the spindle holder.
- The tonearm installation and calibration will be easier and safer with the sub-chassis resting on the foam shipping blocks as shown below.



- Remove the protective bag from around the sub-chassis, remove the styrofoam support blocks then remove the plastic bag from around the acrylic plinth.
- Remove and set aside the suspension tower modules (i.e. the suspension housing, the spring and all related parts).
- Level the plinth by turning the adjustable feet below the acrylic base. Since this is only a preliminary adjustment you can use the 3 foam blocks to establish a parallel plane between the sub-chassis and the acrylic base. Then, use the sub-chassis spirit level as a reference to adjust the feet. This operation is preferable to ensure that you obtain accurate readings when you do the different adjustments that will follow. A final levelling of the adjustable feet will be necessary when you position your Oracle Delphi MkVI Second Generation in its final environment.
- Carefully guide the inner platter hub's spindle vertically in its holder. Carefully and gently deposit the main platter guiding it slowly to rest over the platter hub.
- Place the tonearm mounting board loosely in the sub-chassis mounting ring and determine the correct distance and direction to mount the arm to the arm board.
- First mount the tonearm to the pre-cut aluminum board.
- Properly secure the tone arm mounting hardware.



Important safety precaution ! If you are planning to cut your own mounting board, remember that the cutting of the arm board can sometimes be troublesome as well as being a potential hazard.

It is extremely important to precisely drill the tonearm board as recommended by the manufacturer with the proper center to center specification to make sure the tonearm can perform to its full potential. The use of an adequate tooling is important to both accuracy and safety.

- Use stainless steel or aluminium screws to mount the cartridge for maximum rigidity.
- In preparation for the final alignment, tighten the phono cartridge screws very lightly so it can be moved in the headshell.

PRECISELY ALIGN THE PHONO CARTRIDGE

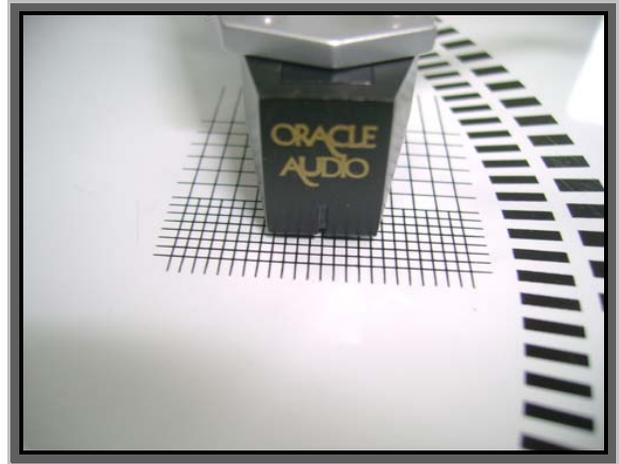
The Oracle Calibrator disc is a precision protractor and strobe disc. It is an important tool to achieve an accurate calibration of the tonearm and phono cartridge geometry.

Important ! Do not use tape on any of the aluminum parts. Doing so could make the paint peel off ! This notice applies to all aluminum parts, the sub-chassis, the platter or any other aluminum parts.

Important ! Before you proceed with the cartridge alignment on the Calibrator disc grid make sure the platter is kept from moving by inserting the blue cloth between the platter and the sub-chassis. Any movement of the platter with the stylus cued down on the Calibrator disc could result in irrevocable damage to the stylus or the cantilever.

- Place the Oracle Calibrator disc on the platter.
- Block the platter using the blue cloth by skweezing it between the platter and sub-chassis.
- Aim the black alignment line (Located over the "O" of Oracle) with the pivot center of the tonearm.
- Adjust the stylus pressure to approximately 1.5 gram.
- Move the tonearm over the alignment grid and cue it down.
- Check for the horizontality of the arm tube with the surface of the calibrator disc or use the tonearm manufacturer's supplied tool and adjust the height accordingly. (This will influence the vertical tracking angle or VTA).
- Bring the tonearm over the center of the grid again and lower it. The ultimate goal is to make the stylus tip fall exactly in the pin hole in the center of the grid. If not, position the cartridge so it does. This can be done by either moving the phono cartridge in the headshell or in the case of a Oracle SME tonearm, moving the base of the arm back or forth so it does. (please also read your tonearm's instructions).
- Precisely align the body of the cartridge with the lines of the grid. A more accurate way is to visualize the cantilever as an extension of the center line of the grid. (This is the Zenith angle alignment)
- Secure the cartridge screws and repeat the previous operation.
- Check the azimuth by lowering the stylus over the black portion on the calibrator disc. The mirror reflection will help determine if the cartridge stylus is off its vertical axis when looking at it from the front.



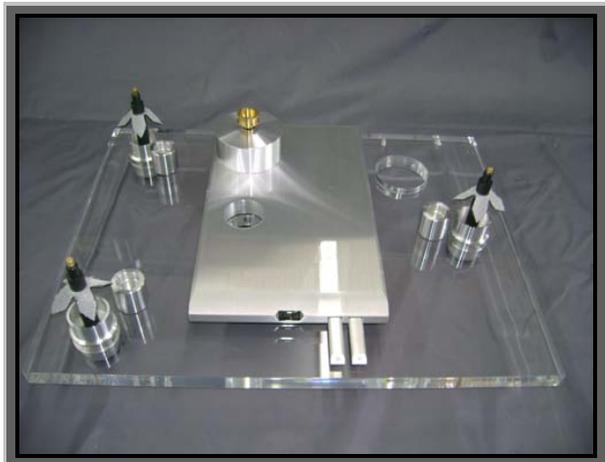


Note : We have been using with great success the Adjust Plus computer program and test record system designed by Dr. Chris Feickert in Germany. We can assure you that this is a very efficient and accurate system to obtain the best possible azimuth alignment for your phono cartridge. We can also testify that this level of calibration can not be achieved with accuracy by simply using your eyesight! The optimal azimuth calibration will allow to have the best possible right and left channel separation. The system also allows to reach the optimal phase coherency between right and left channel. Other tools are available for an optimal azimuth calibration.

- Check the stylus pressure using an accurate gauge and adjust it to the **cartridge manufacturer's specifications.**
- Install the stylus guard to complete the assembly of your Delphi MkVI Second Generation. Do not install the phono lead at this time. If there is no stylus guard for your phono cartridge use a tie-wrap to secure the tonearm tube in the arm rest support to avoid any damage.
- You are now ready to complete the assembly of your Oracle Delphi MkVI Second generation!
- Remove the platter from the inner platter hub by gently lifting it straight up.
- Remove the platter hub from the spindle holder and set it aside.
- Secure the tonearm tube in the arm rest with a tie-wrap to prevent it from swinging out while handling the sub-chassis.
- Gently lift the sub-chassis / tonearm / cartridge assembly and set it aside to be able to complete the assembly of the turntable plinth. Use the white foam blocks to safely support it. **Make sure the suspension housings are not lifting with the sub-chassis.**

ASSEMBLING AND LEVELING THE PLYNTH ASSEMBLY

- Retrieve the 3 silicone reservoirs and mounting screws from the bottom section of the foam packaging.
- Mount the silicone reservoirs on the acrylic base as shown on the picture.
- Secure the screw lightly using the 3/16th allen key.



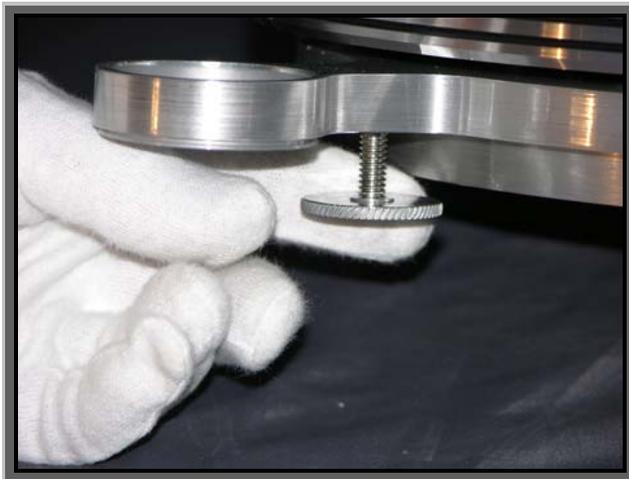
Note: DO NOT FILL THE RESERVOIRS WITH THE SILICONE FLUID AT THIS TIME. THIS OPERATION WILL BE CARRIED OUT AFTER THE SUSPENSION TUNING.

INSTALLING THE MVSS PLUNGERS

Before you proceed to the mounting of the Micro Vibration Stabilizer System (MVSS) make sure to positively identify where each of them need to be installed. The small plastic bags are identified Front left, Rear left and Right side. The 3 plungers and 3 wheel lock nuts have been pre-mounted to your sub-chassis at the factory to allow the drilling of the locator mark (the indentation with the white spot). This is why they are marked to be installed at a specific location on the sub-chassis.



- Install the plungers and wheel lock nuts on the threaded stems below the sub-chassis making sure the raised shoulder of the wheel lock nut is installed towards the sub-chassis.
- Install each threaded plunger at the position indicated on the plastic bag and thread both the wheel lock nut and the plunger all the way up loosely against the sub-chassis.



PREPARING AND INSTALLING THE SUSPENSION MODULES

Note : The calibration of the springs in the suspension system is accomplished by moving the spring up or down inside the threaded plastic holder. The springs are color coded as follow from the weakest to the strongest, Yellow, Red, Green and Blue. The color coding is visible from the inside at the wider end of the spring. **In this document, the reference to clockwise or counter-clockwise is determined by viewing the spring from above the turntable unless stipulated otherwise.**

When holding the smaller end of the spring it can easily be rotated counterclockwise in its holder. To rotate the spring clockwise, grab the wider end of the spring below the threaded holder. If there is not enough coils coming out below the plastic sleeve you can use needle nose pliers and insert the tip between two coils below the sleeve. It is then possible to rotate the spring clockwise. If no coils are visible from below the sleeve, simply thread the spring completely out through the sleeve from above then re-insert it from below and thread it up in the sleeve until 2 or 3 coils are left out below the spring sleeve.



Explanation: The reason for this is quite simple, a counterclockwise rotation of the spring forces the coils to become smaller because you are in fact rotating it in the direction of its windings. Trying to rotate the spring clockwise will work against the windings and this will make the spring become bigger thus making it more difficult or possibly impossible to move freely in its holder.

The standard factory spring combination will accommodate most tonearms.

The factory setting is as follow :

- Yellow spring Front left tower
- Red spring Rear left tower
- Green spring Right side tower

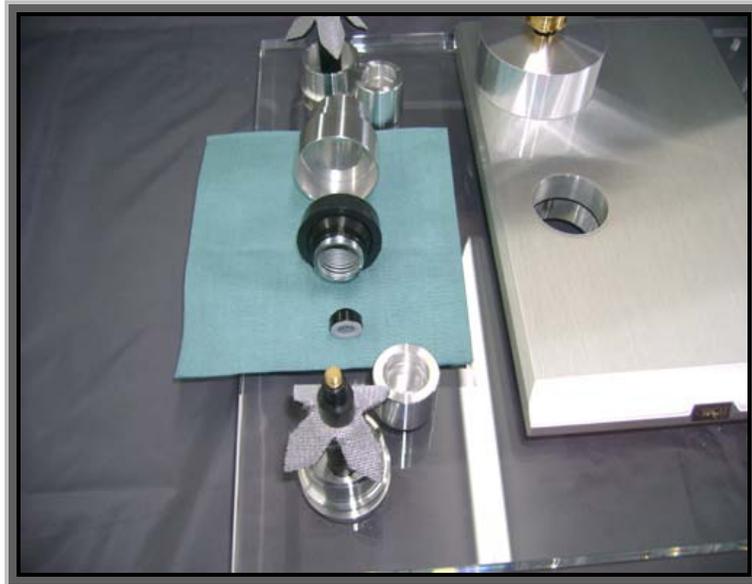
Step one – Initial setting of the spring.

- Thread the spring in the plastic spring holder so three coils are showing below the holder.

Step two – Meticulously assemble the suspension spring modules.

- Position the upper spring damper and nylon sleeve over the delrin suspension stem.
- Install the sorbothane damper over the spring holder and seat it well around the lip.
- Insert the spring assembly and seat it well inside the suspension housing.
- Install the suspension housing assembly over the delrin suspension stem.

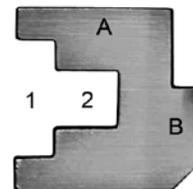
Note : When inserting the spring assembly inside the suspension housing the stickiness of the sorbothane damper could have a tendency to prevent it from properly and fully seating inside the suspension housing. Running the sorbothane on a paper towel will make fibers adhere to its surface making it easier to slide in the suspension housing.



CALIBRATING THE SUSPENSION

Note: For a more accurate tuning of the suspension system of your Delphi MkVI Second Generation we recommend that you install an old record and the record clamp on the platter, this will give a more accurate static load on the sub- chassis.

- **Do not install the drive belt or the phono lead for the following operation.**
 - Start the calibration with the right side suspension module, near the tone arm, then move to the rear left and finally to the front left suspension module.
 - **Do no install the suspension caps at this time.**
- Position the sub-chassis over the suspension tower modules.
 - Install the inner platter hub and the platter in the spindle holder.
 - Locate the suspension gauge in the tool bag. Note : Do not take into consideration the section "A", 1 or 2 as they were designed for earlier models of Oracle turntables.
 - Place the gauge on the acrylic base with the "B" side against the lock feet.



Note : If the lower section of the suspension housing is sitting lower than the "B" step which is 0,850 inch (21,6mm) on the suspension gauge, this is an indication that the spring calibration is too soft. Make the spring stronger by grabbing the large end of the spring below the spring holder and turn clockwise (remember clockwise as seen from above). This can be done by lifting the suspension housing so you can grab the spring with your fingers. If the too few coils of the spring coming out at the bottom of the holder, if the spring is too short to hold with your fingers use needle nose pliers and hold the spring by inserting the tip between two coils.

- Make a first round of calibration of the suspension system so all three suspension housings are set at about 3 mm (0,125 inch) above the "B" step. To do so hold the spring from above the suspension housing and rotate counterclockwise by small increments. This will result in making the spring softer thus allowing the suspension housing to sit lower.

Note : After changing the setting of a spring always apply a slight downward pressure then lift the suspension housing slightly to unload the twisting stress. This will achieve a more exact reading of the adjustment just performed.

- Make a final round of calibration of the suspension system so all three suspension housings are set at about 0.5 mm (0,020 inch) above the "B" step.
- Over a period of a few days the springs suspension system will set to the desired optimal setting.



Note : Once the final adjustment is completed it is important to visually validate that part of the the spring is visible below the plastic spring holder in each tower. This can be done by simply slightly lifting the suspension housing just enough so you can see the spring coils below the sleeve. If you can see the spring anywhere from almost flush to up to 4 coils out of the spring holder, the calibration is in a safe range. More than 4 coils visible would indicate that you are using a spring which is too soft for the location it has been installed. If “NO” part of the spring is visible below the spring holder this is an indication that the spring in that tower is too strong, we recommend the use of a softer spring.

Explanation: For exemple if you were to use a green spring in the front left suspension tower then this spring would be much too strong for this position. Attempting to make the spring softer to reach the “B” step on the suspension gauge you would have to thread the spring way up in its threaded holder and this most probably to the point where it would physically pop out from the top of the holder ! Using such a strong spring at a wrong position and threading it too far up in the spring holder could eventually cause the spring to snap out of the threaded holder thus potentially causing the whole sub-chassis to collapse. This could cause damage to your record and / or your phono cartridge! Beware!

FILLING THE MVSS RESERVOIRS WITH THE SILICONE FLUID

Note : At this time in the set up process of your Delphi MkVI Second Generation the drive belt is not installed, there is no oil yet in the spindle holder and the phono lead is not yet attached to the base of the tonearm. When removing the sub-chassis always make sure the suspension housings stay in place. The suspension system has been precisely calibrated it is now time to fill the reservoirs with the silicone damping fluid.

- Remove the platter, inner platter hub and the sub-chassis and set them safely aside. **Handle the sub-chassis with extreme care to prevent any damage to the phono cartridge.** Make sure the a tie-wrap is safely holding the arm tube in the arm rest and the stylus guard is installed if available.
- Retrieve the silicone damping fluid syringe and fill each reservoir **so the silicone reaches the step center line inside the reservoirs.** You will obtain the best result by doing this operation in 2 or 3 steps. It is important not to overfill the reservoirs.
- Install the sub-chassis back over the suspension towers.



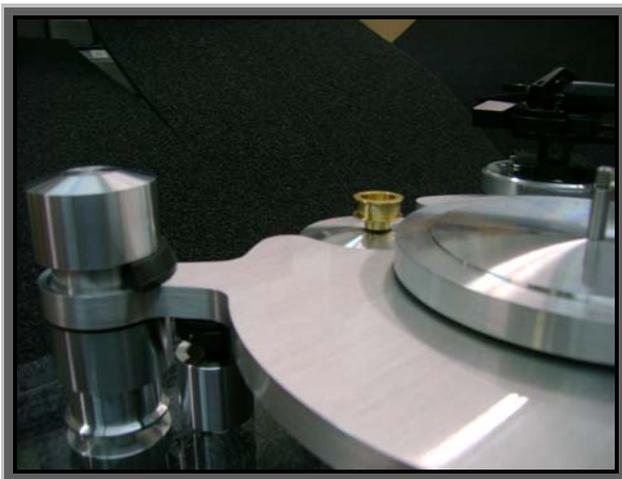
- Retrieve the oil syringe and depth gauge from the packaging.
- Fill the spindle holder with the oil supplied with your Delphi MkVI Second Generation and use the depth gauge to make sure the exact amount of oil is used in the spindle holder. **The optimal quantity of oil to be added in the spindle holder is 6cc.**



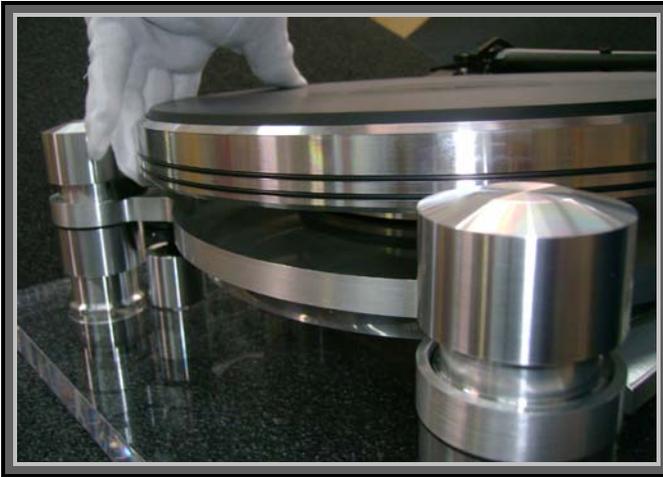
INSTALLING THE DRIVE BELT

Note : To reduce any contamination problem wash your hands prior to handling the drive belt

- Retrieve the drive belt from the upper section of the foam packaging.
- Delicately install the inner platter hub in the spindle holder.
- Install the suspension caps.
- Place the suspension blocking spacers between the sub-chassis and the suspension covers as shown in the picture below. This will bring the inner platter hub at the right height for the drive belt installation.
- Position the drive belt around the inner platter hub and the motor pulley.
- Rotate the inner platter hub by hand in order to let the drive belt get properly positioned around the motor pulley and inner platter hub.
- Carefully place the main platter on the inner platter hub.
- Remove the three suspension blocking spacers. **(It is safe to always use the suspension blocking spacers whenever the Delphi is being moved to avoid damage).**



Note : Remember that each time the inner platter hub is removed from the spindle holder a certain quantity of oil will be lost. The oil syringe we supply contains 7cc of oil. The special mix of Synthetic / PTFE lubricating oil supplied with your Delphi MkVI Second Generation is designed to protect and preserve the mating parts for many years. In the event that the drive belt becomes contaminated, clean it with isopropyl alcohol. Clean the motor pulley and the inner platter hub's perimeter at the same time.



CALIBRATING THE MICRO VIBRATION STABILIZER SYSTEM

- Calibrate all three plungers at 1 ½ to 2 turns down by turning the plungers clockwise (looking from above).
- Lock the plunger in position using the wheel lock nut.

Note : Once the reservoirs have been filled and the plungers have been in contact with the silicone we suggest the following procedure. If you have to remove the sub-chassis from the suspension towers unscrew the plunger completely (by turning them clockwise as viewed from above) until it falls in the silicone reservoir. Leave the wheel lock nut on the sub-chassis. This way there will be no loss or spillage of the silicone when you lift the sub-chassis off the suspension towers. When you re-install the sub-chassis just thread the plungers back on their threaded stems and proceed to the suspension calibration on page 12.

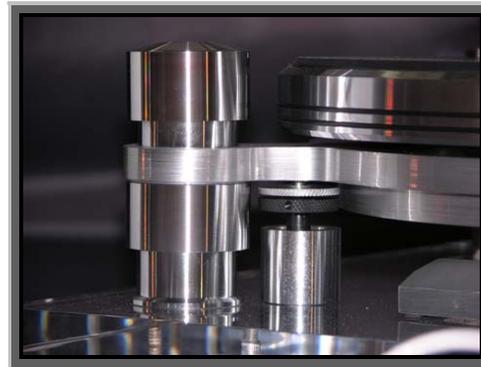
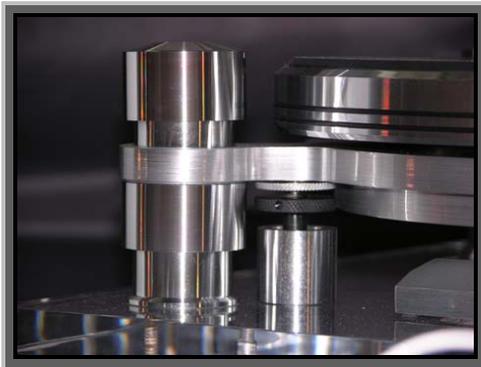
Explanation: The whole concept and operational logic of the suspension and the MVSS is based on the fact that both the level of the silicone fluid inside the reservoirs and the calibration of the suspension tower using the suspension gauge has been executed with maximum accuracy. The purpose of the MVSS is to capture and dissipate micro vibrations present within the floating sub-chassis without short circuiting the efficiency of the suspension system. By eliminating micro vibrations, the tonearm / cantilever / stylus / platter interaction becomes more accurate; the whole combination becomes more stable and better controlled. This increased stability allows the phono cartridge stylus to retrieve more accurate information from the record groove which translates into a more accurate signal reproduction impacting the whole frequency range. This global sonic improvement is very noticeable at all levels bringing musical accuracy, harmonic integrity, transient response, dynamic contrast, tonal balance and depth of image..

What the MVSS consist of:

Beside each suspension tower a small reservoir is filled up to its inner center line with an extremely high viscosity silicone fluid. The reservoirs are secured to the acrylic base. A threaded stem is mounted to the sub-chassis lining up with the silicone reservoirs. The threaded wheel lock nuts and the adjustable taper shaped plungers are threaded on the sub-chassis threaded stems to complete the mechanism. Once the tonearm and cartridge are precisely calibrated and the suspension system perfectly adjusted the turntable is ready to operate.

How the MVSS control works:

When in the full “UP” position (completely against the sub-chassis) the plungers barely come in contact with the silicone fluid in the reservoirs. If you play your Delphi without the MVSS plungers inserted in the silicone reservoirs there will be no or very limited control of micro vibrations. Each full turn of the plunger will result in a 1,27mm (0,050”) vertical displacement. Since we are dealing with micro vibrations **it is extremely important to lock the plunger in position with the wheel lock nut**. Leaving the plungers in an unlocked position will defeat most of the purpose of the MVSS. At the factory the best results were achieved with a calibration between 1 1/2 and 2 turns down. This represents a plunger penetration from 1.90mm (0,075”) to 2.54mm (0,100”) into the silicone fluid reservoirs. In fact, it is a little more than this because the surface of the plunger that is immersed in the silicone forces the fluid up in the reservoirs. The MVSS fine tuning is guided by two factors, the room ambient temperature and your personal musical preferences. The MVSS has been designed so it can overdamp micro vibrations so it is extremely important to understand this reality! If the plungers are calibrated too far down (4 turns down for exemple) in the silicone reservoirs some mechanical energy will start bypassing the suspension system. The system has been purposely designed like this to make sure the optimal calibration of the MVSS could be achieved under all conditions.



ATTACHING THE PHONO LEAD



- Connect the phono lead to the base of your tone arm.
- Retrieve the strain relief device from the packaging.
- Secure the lead to the strain relief device form above or below the plinth.
- Create a loop from the base of the tone arm to the strain relief device to prevent any interference of the lead with the suspension system. Make sure the looped wire does not come in contact with the table below.

Note : In some applications, the phono lead might be too stiff. It is recommended to split the moulded wire from the plug to the strain relief. If the loop is too long, the lead could come in contact with the table below. If it is too short, it will prevent the suspension system from moving freely. In both cases, this would be detrimental to the sound.

CONNECTING THE POWER SUPPLY

- Plug the power supply output to the turntable input receptacle located to the rear of the turntable.
- Plug the input cord to an AC outlet.

Note : Keep the power supply away from signal carrying leads. The power supply can remain connected to the wall outlet unless you don't intend to use the turntable for a long period of time.

ADJUSTING THE 33 & 45 RPM SPEEDS



Note : The 33 speed must always be calibrated first. The individual speed potentiometers are accessible from the rear of the drive module. When viewing the module from the rear, a clockwise rotation of the potentiometer will result in an increase of the selected speed. The inner circles of strobe marks on the calibrator disc are to be used at 50 Hz. The set of strobe marks closer to the center are for the 33 RPM, the one next to it is for the 45 RPM. The outer strobe marks are to be used at 60 Hz. The outermost circle is for 45 RPM, the one next to it is for 33 RPM. The use of incandescent or fluorescent lighting is required to accurately read the calibrator disc. When the right speed has been reached the appropriate set of strobe marks will be standing still, with no back or forth movement.

- Place the calibrator disc over the spindle, on the platter.
- Select the 33 speed and check for accuracy.
- Insert the small screw driver supplied with the tool kit in the 33 hole at the rear of the drive module.
- Rotate the 33 speed potentiometer, located to the left, when viewing the module from the rear, until the strobe marks on the calibrator disc come to a standstill position. Rotate clockwise to increase the speed and counterclockwise to reduce the speed.
- Select the 45 speed and check for accuracy.
- Insert the screw driver in the 45 hole and repeat the above procedure.

ATTACHING THE GROUND LEAD

- Loosen the knurled nut from under the sub-chassis and insert one end of the ground lead.
- Attach the other end of the lead to the ground post of your pre-amplifier.



INSTALLING AND CALIBRATING THE HINGES

(Supplied when purchasing the optional dust cover)

- Locate the hinges in the lower section of the packaging with the allen key (3/32") from the tool kit.
- Mount the hinges to the plinth and do not tighten the screws completely. Make sure the dust cover slots line up correctly with each other before securing the screws.
- Install the dust cover by sliding it in the hinge slot.



- To make the front of the dust cover rest higher in the low position, rotate the vertical set screw counterclockwise.
- To increase the spring tension to hold the dust cover in the open position rotate the rear set screw clockwise.



Note : If the dustcover can not be lifted fully open in its playing area, it is possible to vary the spring tension of the hinges. The tension has been pre-calibrated on both hinges at the factory to its best performance. The set screw located vertically in the hinge base is used to limit the closing of the cover. This will allow the adjustment of the parallel plane of the dust cover. The set screw located at the rear of the hinge will increase or decrease the spring tension holding the dust cover in the open position. The springs are not designed to hold the dust cover open in the mid open position.

THE RECORD CLAMP AND TAPERED WASHER

- Position the tapered washer over the spindle on the acrylic mat
- Place a record over the acrylic mat.



- Retrieve the record clamp from the foam packaging
- Tighten the clamp so the record is pushed flat against the mat.



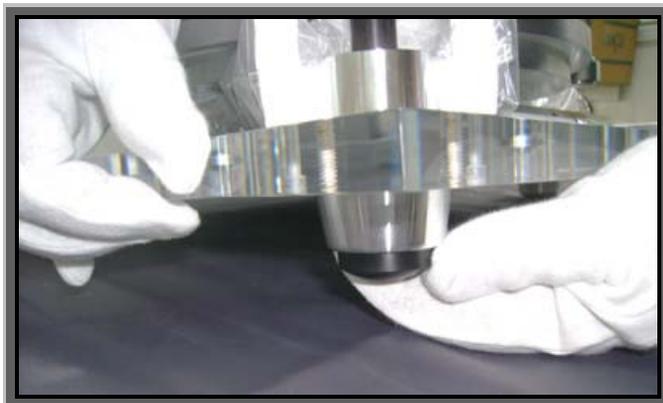
Note : The tapered washer has been designed to help flatten warped records. **It is not recommended to use it with thicker vinyl records because they have less flexibility.** Furthermore the tapered washer is not needed if the record is not warped. **When using the tapered washer do not over tighten the record clamp because this could damage your albums by cracking the center hole.** A good way to evaluate the proper tension of the record clamp is to use the tip of a pencil and tap the runout groove at the center of the record while tightening the clamp. The tapping sound will be hollow at the beginning and will gradually become more solid. This indicates that the record clamp tension is correct.

LEVELING YOUR DELPHI MKVI SECOND GENERATION

Your turntable is now ready to be moved to its final location.

- Level the acrylic base by turning the levelling feet. Use the sub-chassis spirit level to complete this final adjustment since the proper, relative level has already been established between the sub-chassis and the acrylic base in a previous operation.
- Retrieve the suspension caps from the packaging and thread them on the suspension stems to complete your assembly of your Oracle Delphi mK VI

Important note : Whenever you have to either carry your turntable always make sure to use the suspension blocking spacers to prevent any metal to metal contact between the sub-chassis and the caps which would damage to the clear protective coating on the aluminum parts of your Delphi MK VI.



MAINTENANCE

- The blue cloth supplied with your Delphi MkVI Second generation can be used to clean all aluminum and acrylic parts including the mat. Always use the cloth dampened with Brilance to dust the acrylic parts. Do not use this cloth to pick up oil spills, keep it for the delicate work.
- Unless contaminated, there will be no need to dismantle the spindle holder. If required it is simple to disassemble it from the sub-chassis. Keep the spindle holder assembly vertical since it contains oil. **If the oil is contaminated it must be disposed of ecologically.** Clean the thrust pad and the inside of the spindle holder with Isopropyl alcohol using a cotton swab. Allow a few minutes for the parts to dry. Reassemble, making sure to firmly secure the screws. Pour the new oil in the spindle (about 3 cc) before reinstalling the platter. Use the depth gauge to make sure the right quantity of oil has been used.
- As a precaution to preserve the furniture your Delphi MkVI Second Generation sits on, it is advisable to use a folded paper towel under the spindle holder for a few weeks in the case of an oil spillage.
- The drive belt should be replaced every 3 years for optimal performance.

Additional maintenance notes :

TECHNICAL SPECIFICATIONS

- **Power requirements** : 100 / 120 / 230 volts 50 / 60 Hz
- **Dimensions** : 475mm x 363 mm x 150 mm (19 x 14.5 x 6 inches) – 6.5 inches higher with dustcover.
- **Total weight, acrylic base** : 18 Kg (39 pounds)
- **Regular power supply** : 24 to 28 VDC / 500ma
- **Turbo power supply MkII:** 24 to 28 VDC / 500ma ... 210 x 184 x 70 mm (8,25 x 7,25 x 2,75 inches)

***We are confident your new Oracle product will give you
many years of satisfaction***

***You are now ready for the real and only purpose of all this,
to sit down, relax and enjoy the Fine Art of Playing Music!***

From all of us at Oracle Audio Technologies Inc Thank you !

**6136 Boulevard Bertrand Fabi, Suite 101
Sherbrooke, Quebec, Canada
J1N 2P3**

**Phone: 1-819-864-0480 FAX: 1-819-864-9641
e-mail: info@oracle-audio.com
www.oracle-audio.com**

**Please fill the section below and mail it back to the above mailing address
to register your new Oracle Audio product.
You can also scan this whole page and send it by e-mail to info@oracle-audio.com**

WARRANTY REGISTRATION CARD

Your new Oracle Delphi MKkVI Second Generation carries a non-transferable, **3 year parts and labor limited warranty** against manufacturing defects. Oracle Audio Technologies will repair the defective item within this warranty period. The original bill of sale from an authorized dealer or distributor is required for any warranty repair.

Fill the information below and mail a copy back to Oracle Audio for your warranty registration

Oracle Delphi MkVI serial Number: _____

Power Supply Serial Number: _____

Dealers Name: _____

Dealers Address: _____

Dealer Phone: _____

Your Name: _____

Your Address: _____

Dealer Phone: _____ e-mail address : _____

Purchase Date: _____