

ORACLE AUDIO

THE FINE ART OF PLAYING MUSIC



Oracle Audio Technologies
Parts & Upgrades

Parts & Upgrades quick pricing reference sheet

MkVI Drive Electronics upgrade for Delphi Mk I, Mk II and Mk III

- New **MkVI** AC synchronous motor.
- New **MkVI** drive electronics circuit.
- New regular power supply.
- New drive belt, syringe with 3ml bearing oil.

Delphi **MkIII** *(we use the same motor housing & motor drive housing)*
Factory labor charge

Delphi **MkII** *(new motor housing and drive module, no sub-chassis modification)*
Factory labor charge

Delphi **MkI** *(factory subchassis modification required)*
Factory labor charge

MkVI Drive Electronics Upgrade for Delphi MkIV and MkV

- New **MkVI** synchronous motor
- New **MkVI** Second Generation drive electronics circuit
*Factory labor charge for **MkIV***
*Factory labor chargefor **MkV***
- **MkVI** drive electronics aluminum module assembly
Including a new clear acrylic base, **MkVI** motor and drive circuit
- **MkV** drive electronics aluminum module assembly
Including the new **MkVI** motor and drive circuit
No factory labor charge, easily installed by user.

Second Generation MkVI drive electronics circuit for Delphi MKVI

For Delphi MKVI with serial number between **10860** and **10899**;

- New MkVI AC synchronous motor.
- New MkVI Second Generation drive electronics circuit.
- New drive belt, syringe with 3ml bearing oil.
- Speed selector fingers re-calibrated.

For Delphi MKVI with serial number **10900** and above;

- New MkVI Second Generation drive electronics circuit.
 - New drive belt, syringe with 3ml bearing oil.
 - Speed selector fingers re-calibrated.
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MkVI Micro Vibration Stabilisazer System upgrade (MVSS)

Delphi AC, Delphi MkI to MkV

The MVSS is factory installed for all models and creates a labor charge.

The MkVI Second Generation 2-piece platter

- Delphi **MkVI** *(includes free bearing re-calibration, spindle oil)*
- Delphi **MkV** *(includes new **MkVI** bearing, spindle oil)*
- Delphi **MkIV** *(includes new **MkVI** bearing, spindle oil)*
*(**MkIV** owners will be asked to send a photo of their bearing mounting flange so that the new **MkVI** bearing's flange is adapted to the sub-chassis screw holes)*
- Delphi **MkIII, MkII & MkI** *(includes new **MkVI** bearing, spindle oil)*
*A factory modification of the subchassis is required for the Delphi **MkI**, **MkII** and **MkIII** to fit the new bearing and creates a labor charge.*

Mk VI Main Bearing upgrade *(for Delphi **MkI** to **MkV**)*

*A factory modification of the subchassis is required for the Delphi **MkI**, **MkII** and **MkIII** to fit the new bearing and creates a labor charge.*

Mk VI Delrin Adjustable Feet *(for all Delphi models)*

Delrin Suspension pillars *(for Delphi **MkIII** and **MkIV** s/n # 8135 and up*
(Includes aluminum counter feet) *and Delphi **MkV** s/n prior to # 9990)* **(Set of 3)**

Mk V / Mk VI Record Clamp *(for all Delphi models)*

Mk V Couterweight *(for Delphi **AC** and **MkI** to **MkIV**)*

Mk V Complete suspension *(for Delphi **MkI** to **MkIV**)*

Turbo Power Adaptor Mk II *(for all Delphi models)*
Turbo **MkI** to Turbo **MkII** upgrade

Hard Acrylic Mat *(for all Delphi models and Alexandria)*

MkVI Drive Electronics upgrade for Delphi MkI, MkII and MkIII



This factory upgrade kit includes a new motor and drive electronics circuit , a regular power supply, a drive belt, 3ml syringe of bearing lubricating oil and necessary tools. On the Delphi **MkI** and the **MkII** we need to install a new aluminum drive module and new motor housing. On the Delphi **MkIII** we install the upgrade using the same motor drive module and motor housing hence this model does not require machining of its sub-chassis. On the **MkI** though a sub-chassis modification will be required to make room for the new motor housing. This work is performed at the factory or by a professional machinist. *(The first picture on the next page shows the electronics contents of this package).*

The main advantage of this upgrade option is that you get the new **MkVI** drive electronics and motor furthermore, your Oracle keeps it's vintage look. The only drawback is the fact that this upgrade must be carried out at the Oracle factory which requires packing and shipping your Delphi.

Note: The above pictures show the MVSS aluminum cups installed but this is not part of this upgrade. You can read more about the benefits of the MVSS upgrade in the following topic.

- Delphi **MkI** *(includes the sub chassis modification for the new motor housing).*
Delphi **MkII** *(new motor housing and drive module, no sub-chassis modification).*
Delphi **MkIII** *(we use the same motor drive module and motor housing).*
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MkVI Drive Electronics Upgrade for Delphi MkIV and MkV

- New **MkVI** AC synchronous motor.
- New **MkVI** Second Generation drive electronics circuit.
- New regular power supply.
- New drive belt, syringe with 3ml bearing oil.

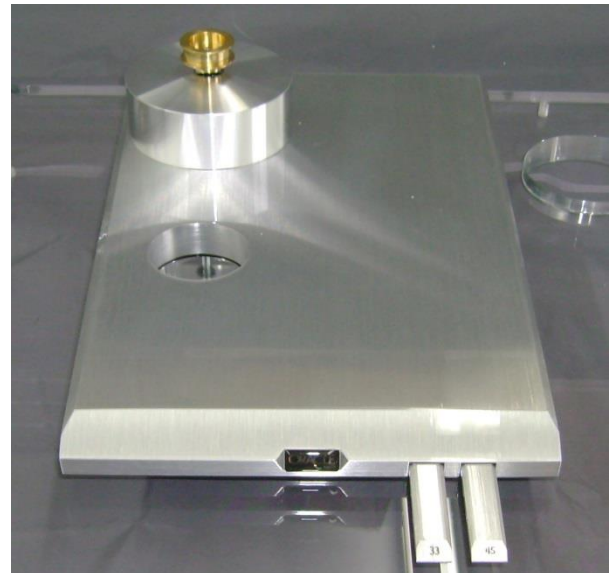
*Factory labor charge for the **MkIV** upgrade*

*Factory labor charge for the **MkV** upgrade*



The Delphi **MkIV** can be fitted with the complete **MkVI** drive electronics aluminum module assembly including the new **MkVI** motor and **MkVI** drive electronics circuit and a brand new clear acrylic base.

The Delphi **MkV** can be fitted with the complete **MkVI** drive electronics aluminum module assembly including the new **MkVI** motor and **MkVI** drive electronics circuit.



Second Generation MkVI drive electronics circuit for Delphi MKVI

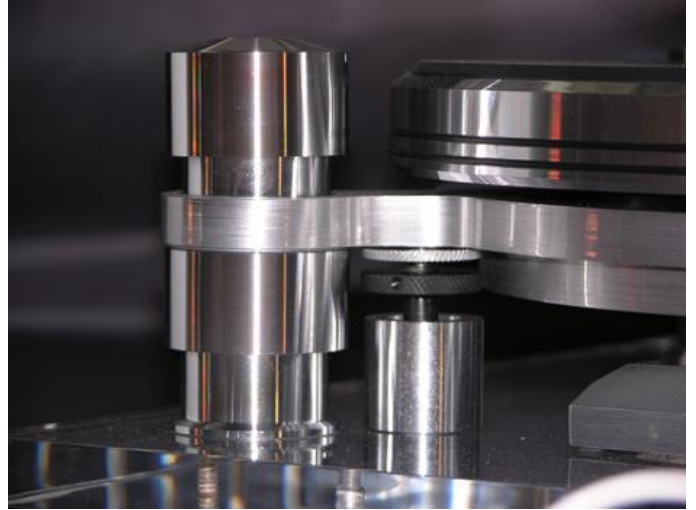
For Delphi MKVI with serial number between **10860** and **10899**;

- New MkVI AC synchronous motor.
- New MkVI Second Generation drive electronics circuit.
- New drive belt, syringe with 3ml bearing oil.
- Speed selector fingers re-calibrated.

For Delphi MkVI with serial number **10900** and above;

- New MkVI Second Generation drive electronics circuit.
- New drive belt, syringe with 3ml bearing oil.
- Speed selector fingers re-calibrated.

MkVI Micro Vibration Stabilizer System (MVSS) upgrade



The Micro Vibration Stabilizer System (MVSS) is the single most significant and most efficient improvement made to the Oracle turntable since its creation 35 years ago! The MVSS system represents the ultimate step towards eliminating micro vibrations. This system will virtually eliminate the access of micro vibrations to the most critical part of the turntable; the sub-chassis, tonearm, phono cartridge and platter assembly. More details on the MVSS can be found on our website in the product section under the Delphi **MkVI** description and philosophy pages.

The installation process will require the sub-chassis to be drilled and mounting holes threaded to install the 3 threaded posts that support the adjustable plungers. The acrylic base will need to be drilled to install the 3 brushed aluminum silicone cups. This work is performed at the factory or by a professional machinist.

The MkVI Second Generation 2-piece platter

The new two-piece platter assembly greatly facilitates drive belt installation and consequently protects the performance level of the Delphi turntable in time. Indeed with the new platter configuration users no longer have to horizontally align the belt with the pulley while at the same time coordinating the vertical alignment of the massive main platter inside the bearing assembly. Installing the light inner platter-hub first is safely done with both hands assuring no stress to the two groups of precision set screws holding the spindle inside the bearing. The drive belt is then easily installed around the pulley and the inner-platter hub. The final step requires to gently sit the main platter ring on the inner platter hub which is also safely done with both hands. This three step procedure assures that the precise calibration of the Delphi's bearing stays intact which is very important as the bearing assembly is central to the Delphi's performance. This new two-piece platter assembly also contributes to a sonic improvement for the Delphi turntable! The mechanical coupling of the inner hub and main platter ring contributes in further reducing platter resonances. This translates into a reduced surface noise allowing the music to be reproduced on a quieter background.



For Delphi MkVI

Package including 2-piece platter, drive belt and free bearing re-calibration and a syringe of spindle oil. *(requires shipping your bearing to the factory)*

For Delphi MkV

Package including the 2-piece platter, drive belt and a new **MkVI** bearing and a syringe of spindle oil. *(easy installation by user)*

For Delphi MkIV

Package including the 2-piece platter, drive belt and a new **MkVI** bearing and a syringe of spindle oil. *(requires shipping your bearing to the factory). (Delphi **MkIV** owners will be asked to send a photo of their bearing mounting flange so that the new MkVI bearing's flange fits the sub-chassis screw holes)*

For Delphi MkI, MkII and MkIII

Package including the 2-piece platter, drive belt, a new **MkVI** bearing and a syringe of spindle oil.
(Requires shipping the floating sub-chassis to the factory so it can be adapted to fit the new larger bearing).

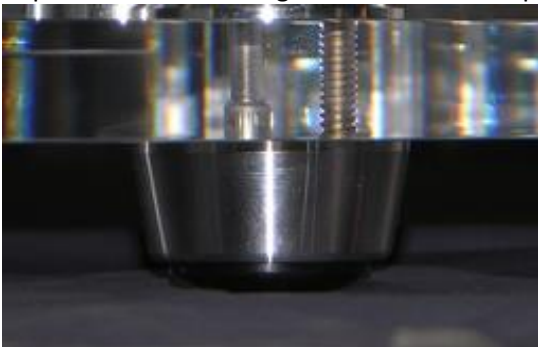
The MkVI Main Bearing upgrade

The **MkVI** bearing system maintained the six point contact design that was developed for the **MkV** but improved it. The six calibration set screws are made of PEEK high strength and low friction thermoplastic material with high thermal stability. This means that the precision set screws are virtually inert to dimensional changes due to temperature fluctuation allowing us to calibrate the main bearing system with greater accuracy and closer tolerances. This has a huge and direct impact on the retrieval of minute signals from the record groove and translates directly in better sound. The **MkVI** bottom thrust plate is now made of glass filled Torlon, a **polyamide-imide (PAI)** high strength plastic with the highest strength and stiffness of any thermoplastic. It has outstanding resistance to wear. The impact of this new thrust plate is extremely significant on the sound quality because of its ability to limit the noise generated by the spinning platter. The sonic benefits of the new **MkVI** bearing system are extremely significant and even more so when combined to the MVSS upgrade.



MkVI Delrin Adjustable Feet upgrade

In our quest to further increase the performance level of the new **MkVI** we did not hesitate to challenge each of the systems we had in place on the Oracle Delphi. Extensive testing and listening tests convinced us that the use of Delrin was extremely beneficial to the performance of the turntable. We found the new **MkVI** Delrin adjustable feet to provide a better sonic balance with all the different equipment racks it has been tested. This new system further improves the natural tones of the instruments and voices. In fact, it is the whole musical spectrum that has been improved with the integration of this new upgrade!

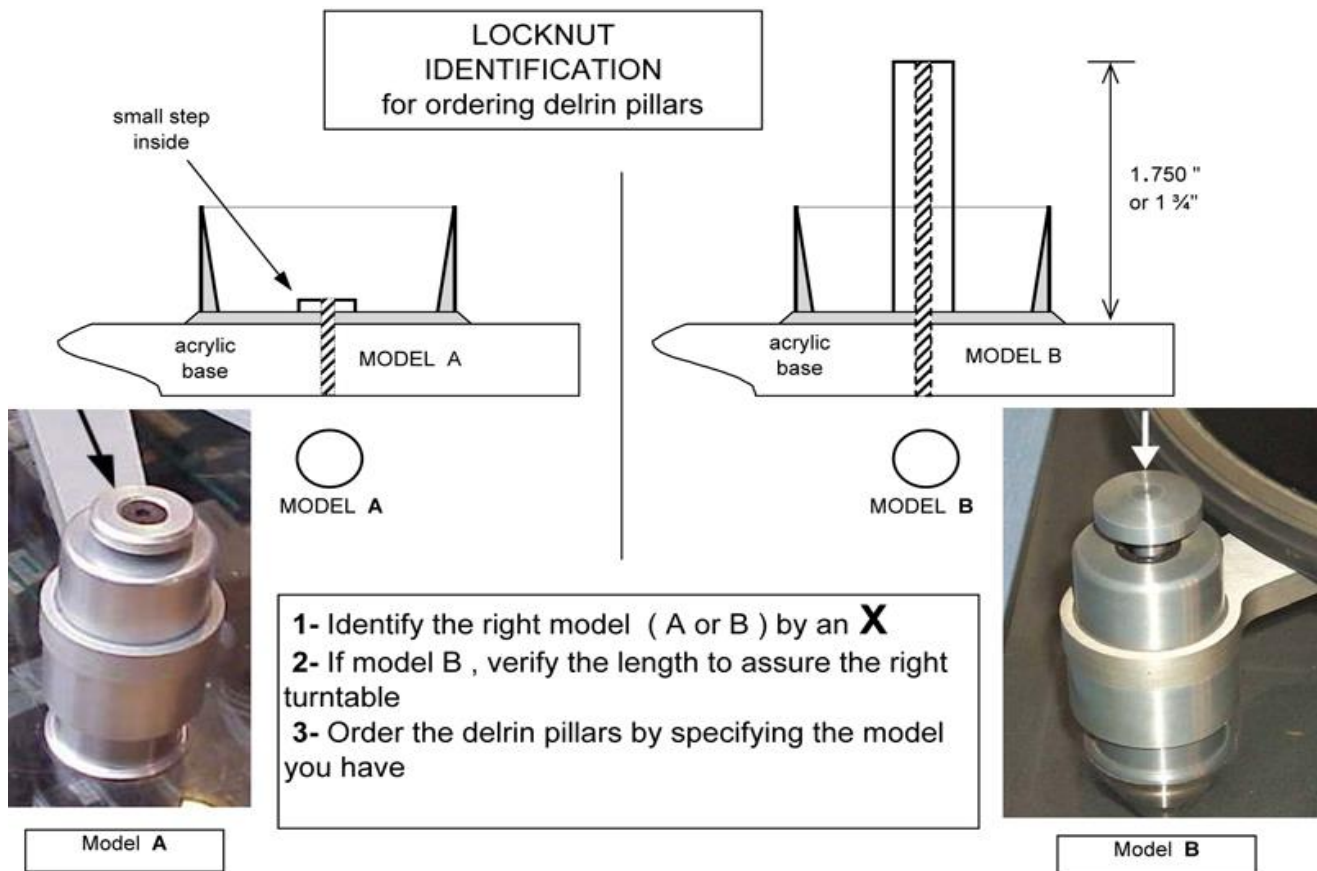


Mk I and Mk II Delrin pillar upgrade

The new delrin suspension pillars are available for **MkI** and **MkII** models with serial number up to 8134. They will replace the aluminum leveling stems for the **MkI** or the brass pillars on the **MkII**. The sound improvement is noticeable from the run in groove of the record even before the music starts playing. You will experience a more quiet background with all the enjoyable sound improvement revealed. By very far the best sound improvement for the money!

In the picture below, the model A identifies the **MkI** system and the model B identifies the **MkII** version. You must specify the proper model when ordering.

Price : 195 \$ (this price does not include the 3 aluminum feet)



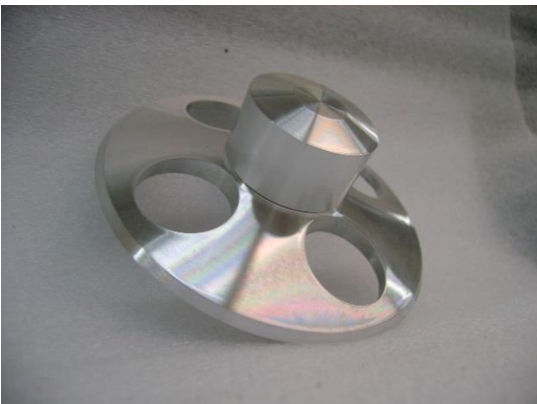
The Suspension Pillars



The new delrin suspension pillars are available for **MkIII** and **MkIV** models from serial number 8135 and up and for **MkV** models with a serial number prior to 9990. They are interchangeable with the nickel plated steel pillars. They will replace the aluminum pillars provided that a new thread is machined in the counter feet. The sound improvement is noticeable from the run in groove of the record even before the music starts playing. You will experience a more quiet background with all the enjoyable sound improvement revealed. By very far the best sound improvement for the money!

The MkV / MkVI Record Clamp

The record clamp has been redesigned to better reject the unwanted vibrational energy generated by the spinning platter spindle. Two mechanical filters were added to the already very efficient record clamping system. A central delrin coupling unit will reject the noise coming from the spindle and a specially shaped O-ring has been mounted to the peripheral section of the coupling dish which further reduces the noise being transmitted to the surface of the record while providing a smooth yet efficient coupling of the record. The sonic benefit will be a more open sound with a reduced surface noise.



The MkV Counterweight



The 1.2 kilo (three pounds) sub-chassis counter weight plays an important role with the suspension system of the turntable by increasing the sub-chassis lateral stability and by simplifying the achievement of an accurate suspension tuning. The improvement is very noticeable in overall clarity, focus and bass extension. An additional charge applies for a factory installation.

The Hard Acrylic Mat

The acrylic hard mat also plays an important role in the control of lower frequencies. Listening tests have proven better results in terms of transient response and sound staging compared to soft mats.

Complete Suspension Housing

The complete suspension housing aluminum kit is available for older turntables but it does not apply to all of them. It makes the suspension adjustment a lot easier and improves the aesthetic of your turntable.



Maintenance kit with or without springs

The maintenance of your Oracle turntable will not necessarily involve replacing the springs unless you are planning to replace the tonearm. This is why our maintenance kits are available with or without suspension springs. These springs have been designed for a load bearing capacity far superior to their application. They will last many years! The maintenance kit contains the following;

- Three upper spring damper set and nylon sleeves
- Three sorbothane suspension damper ring
- Three inner-spring felt dampers
- A replacement drive belt
- A syringe of bearing oil
- A suspension calibration tool
- Cleaning cloth
- Bottle of Brilliance* cleaner product
- Optional set of four replacement springs (*white, yellow, green and red*)

Note: A stiffer blue spring is available. For example if someone plans to use a FR64 tonearm with a B60 stabilizer the right side spring ought to be stiffer. It is possible to customize the colors of the springs you order in the maintenance kit to suit your needs.



Maintenance kit without spring

Maintenance kit with springs