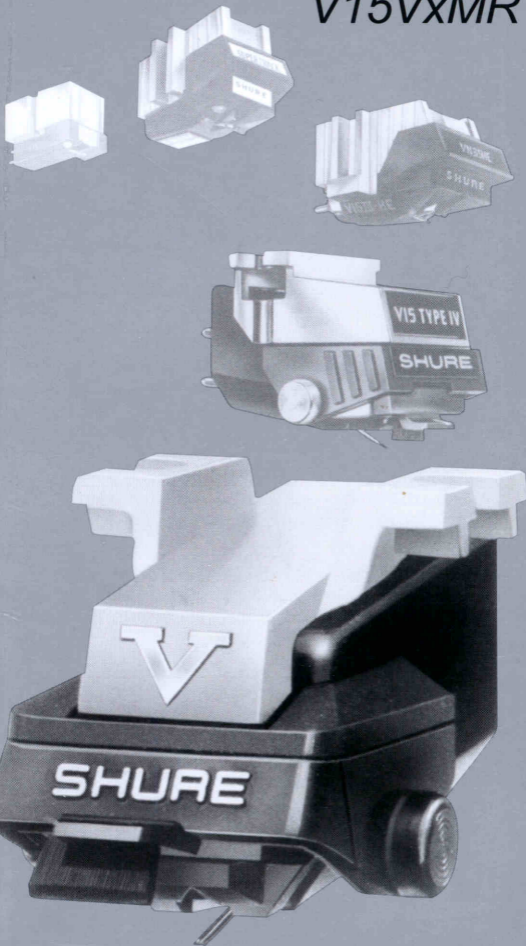


SHURE®

V15VxMR



Installation Guide

INSTALLING THE CARTRIDGE

SEE NUMBERED ILLUSTRATIONS INSIDE BACK COVER

Remove Stylus Assembly. Carefully grasp round caps on sides of stylus assembly and gently pull stylus assembly out of cartridge body.

Mount Cartridge in Tone Arm. Use supplied screws and hex nuts to mount cartridge. (The mounting hardware package is under the insert in the cartridge box.) Insert the screws into the mounting holes or slots in the headshell and through the cartridge mounting bracket from either above or below. Partially tighten the screws.

4-Lead Stereo Connection. Make electrical connections: Right (R), red; Right Ground (RG), green; Left (L), white; and Left Ground (LG), blue.

Replace the Stylus Assembly. Carefully grasp the round caps on the sides of the stylus assembly and gently insert the stylus body tube fully into the cartridge body at a slight upward angle. Do not force.

Alignment. To make sure that the turntable cannot move during the alignment procedure, place the small wedges (from supplied hardware bag) beneath the outer edge of the platter. Put a record on the turntable. Lift the Dynamic Stabilizer until it clicks into the locked "up" position (see Figure 5). Move the cartridge forward or backward in the tone arm to place the stylus tip at the overhang point recommended for the tone arm or headshell. Balance the tone arm and temporarily apply a tracking force of 1 gram.

Alignment Protractor. Slip the hole of the Shure alignment protractor over the turntable spindle, and place the protractor on the record over the area where the stylus tracks.

Inner Alignment Point. Lower the tone arm so that the stylus tip rests on the inner STYLUS TIP marking on the protractor (Point **a**). If the sides of the cartridge body are not parallel to the reference lines on the protractor, raise the tone arm and adjust the cartridge body position so that it is parallel to the reference lines on the protractor.

Outer Alignment Point. Repeat this procedure for the outer STYLUS TIP marking on the protractor (Point **b**). Repeat this procedure on Points **a** and **b** until the cartridge body is parallel at both points. If the cartridge can only be made parallel at one point, select Point **a**, closer to the center of the record. When the adjustment proce-

ture is completed, fully tighten the cartridge mounting screws.

Tracking Force Adjustment. Place the Dynamic Stabilizer down in the "operating" position. Set the tracking force at 1-1/2 grams (optimum). (See the tone arm recommendations for antiskating force.)

If a separate tracking force gauge, such as Shure's SFG-2 Stylus Force gauge is used, lift Dynamic Stabilizer to the "up" position, and set the tracking force to 1-1/2 grams. When in use, the Dynamic Stabilizer absorbs 1/2 gram of the tracking force setting, so that the actual tracking force at the stylus tip is 1 gram. Finally, move the Dynamic Stabilizer back to the operating position.

VII Stylus and Dynamic Stabilizer Brush Cleaning. Use the supplied brush, and *brush only from back to front to clean the stylus or Dynamic Stabilizer.*

Use no liquids on the Stabilizer brush.

A 50-50 isopropyl alcohol-distilled water solution may be used on the stylus.

Replacement Stylus

To maintain the original performance standards of your cartridge, be certain that any replacement stylus you buy bears the following certification on the package: "This Stereo DYNETIC® stylus is precision manufactured by Shure Incorporated" AVOID INFERIOR IMITATIONS. THEY WILL SERIOUSLY DEGRADE THE PERFORMANCE OF YOUR CARTRIDGE. ALL GENUINE "DYNETIC®" STYLI ARE MANUFACTURED BY SHURE INCORPORATED. LOOK FOR THE SHURE NAME ON THE STYLUS GRIP.

INSTALLATION DE LA CELLULE

VOIR LES ILLUSTRATIONS NUMÉROTÉES À L'INTÉRIEUR DE LA COUVERTURE ARRIÈRE

Retrait de l'ensemble de pointe. *Saisir avec précaution les boutons ronds de l'ensemble de pointe et le sortir délicatement de la cellule.*

Montage de la cellule sur le bras de pick-up. Monter la cellule au moyen des vis et écrous fournis (le sachet de visserie se trouve sous l'insert de la boîte de la cellule). Insérer les vis dans les trous ou fentes de montage du corps de la tête et dans le support de montage. Les vis peuvent indifféremment être insérées par le haut ou par le bas. Les serrer partiellement.

Branchement stéréo 4 fils. Brancher les fils comme suit : droit (R) rouge; masse droite (RG) verte; gauche (L) blanc et masse gauche (LG) bleu.

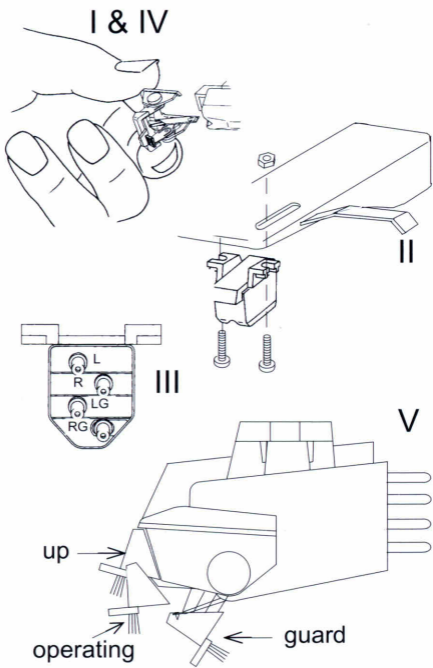
Remontage de l'ensemble de pointe. Saisir avec précaution les boutons ronds de l'ensemble de pointe et insérer délicatement le tube du corps de la pointe à fond dans la cellule, légèrement incliné vers le haut. Ne pas forcer.

Alignement. Pour s'assurer que la platine ne bouge pas pendant la procédure d'alignement, placer les petites cales (fournies dans le sachet de visserie) sous son bord extérieur. Placer un disque sur la platine. Soulever le stabilisateur dynamique jusqu'à ce qu'il se verrouille en position «up» (relevée) (voir la figure V). Déplacer la cellule vers l'avant ou l'arrière du bras de lecture de manière à amener la pointe au point de surplomb recommandé pour le bras ou la tête de lecture. Équilibrer le bras de lecture et appliquer provisoirement une force d'appui de 1 gramme.

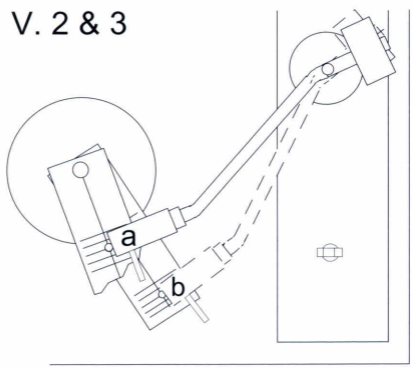
Rapporteur d'alignement. Glisser le trou du rapporteur d'alignement Shure sur l'axe de la platine et placer le rapporteur sur la zone de contact de la pointe de lecture.

Point d'alignement intérieur. Placer la pointe au-dessus du rapporteur. Ajuster la position du rapporteur et abaisser le bras de façon à ce que la pointe repose sur la marque «STYLUS TIP» (position de pointe) intérieure du rapporteur (point a). Si les côtés du corps de la cellule ne sont pas parallèles aux lignes de référence du rapporteur, relever le bras de lecture et ajuster la position de la cellule pour rectifier le problème.

Point d'alignement extérieur. Répéter la procédure pour la marque «STYLUS TIP» extérieure du rapporteur



V. 2 & 3



1964 V15 Stereo Dynetic Hi-Fi Phonograph Cartridge

- 15 degree vertical tracking angle
- Symmetrical bi-radial elliptical stylus (.0002" x .0009")
- Subjected to exacting quality control and inspection measures unique in the industry

1966 V15 Type II

- First analog-computer-designed superior tracking cartridge
- Introduced "Trackability": ability to maintain contact between stylus and record groove at minimum tracking force
- Throughout audio spectrum
- Flip-action, built-in stylus guard

1970 V15 Type II Improved

- Upgraded stylus
- Flatter frequency response

1973 V15 Type III

- New laminated pole piece
- Uniformly flat, unaccented, uncolored frequency response
- 25% reduction of effective stylus mass

1978 V15 Type IV

- Hyperelliptical nude stylus tip resulting in optimized tip-groove contact area
- Viscous-damped Dynamic Stabilizer overcomes record warp and electrostatically neutralizes record surface

1982 V15 Type V

- Ultra-thin-wall beryllium (MICROWALL Be) stylus shank
- MASAR-polished tip to reduce friction
- Packaged with Duo-Point Alignment gauge to minimize lateral tracking angle error

1983 V15 Type V-MR Micro-Ridge

- Stylus tip emulates shape of cutting stylus for unsurpassed trackability, particularly in high frequency range

1997 V15VxMR

- Warmer and more musical than ever
- Stereophile Magazine's Analog Source of the Year runner up in 1997 (the category winner was a turntable)

SHURE®

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