

Swing Headshell

International patent pending



1. Weight

202A – 11.5g / 202A-SPU-H – 23g
202B – 15g / 202A-SPU – 13.5g

2. Accessories

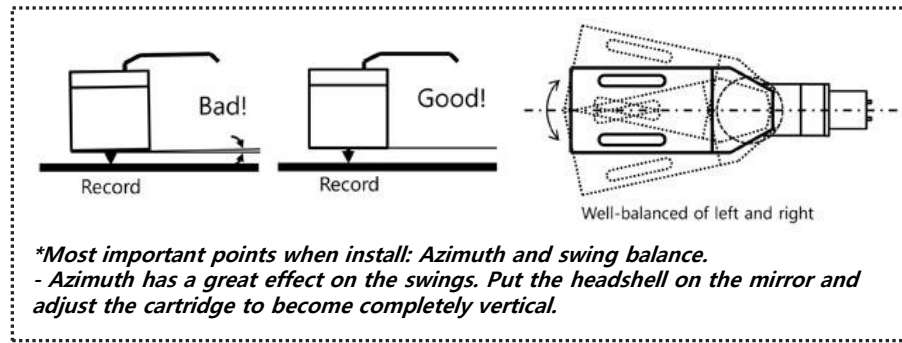
- Lead wire set
- Fasten screws, nuts and washers (except SPU version)
- Hex key and flat blade screw driver

3. Please note!

- 1) Thin lead wires may easily break.
 - Don't fold the wires severely.
 - Don't use sharp edged tweezers.
- 2) The joint part is very sensitive and delicate, so it must be handled carefully. Never disassemble and oil the bearing.
- 3) Please keep it away from dust, moisture, and mildew in order to use for a long time with best performance

4. How to install. (MOST IMPORTANT)

- 1) Loosen two springs on the plug side as much as possible to minimize the tension of the swing head. Use the small flat blade screw driver supplied with the unit. Screws are very short and **don't protrude the screw heads from the body**. You may lost very small balls and springs.
- 2) Connect lead wires and arrange them.
 - (1) Make the wires circular and arrange them through bilateral symmetry.
 - (2) Avoid contact with each wires while swinging the headshell. It will obstruct free swings.
 - (3) Don't fold wires and keep the wires curved as much as possible.
- 3) Plug the headshell into the arm and turn screws to adjust the tensions for balanced swings. The tension should be set to make the swing head and plug side always be collinear. The spring tension can be adjusted to suit individual tastes.



**Most important points when install: Azimuth and swing balance.
- Azimuth has a great effect on the swings. Put the headshell on the mirror and adjust the cartridge to become completely vertical.*



- Circular wiring of leadwire: tension left = tension right
- Avoid contact with each wire for free swing.
- The swing head and plug side should be collinear.

4) Overhang should be set with the manufacturer's recommendation.

5) When using a cartridge alignment protractor, be sure that the swing head is aligned with the plug side completely.

6) Adjustment of anti-skating.

- (1) The arm has the function of anti-skating adjustment which can be set with the manufacturer's recommendation.
- (2) If the arm has no function of anti-skating adjustment, it is much easier to install. You only have to set accurate azimuth and swing balance.

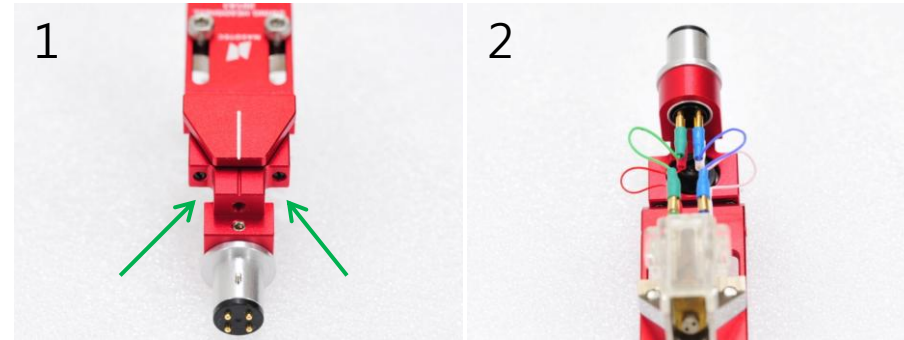
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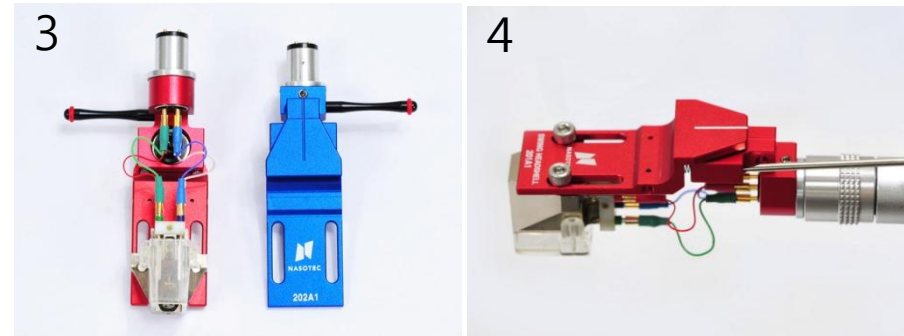
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Simple steps for installation



- 1. Loosen the screws to the maximum to not affect the swings as much as possible.
- 2. **Important:** Please adjust the wire tension balance as written below.
 - Bilateral symmetry in circular shape.
 - Keep the wires away from each other (Do not make contact with each other).



- 3. **Before fixing to arm**
 - Check the swing motion and alignment and make it balanced.
- 4. **After fixing to arm**
 - Apply enough tension by turning the screws to make the headshell stop always at the center of the swing.
 - After setting the cartridge and others, please check the swing and readjust the balance again by turning the screws if needed.
 - Set the anti-skating value and tracking force as recommended by the manufacturers.
 - The spring tension can be adjusted to suit individual tastes.