The Vinyl Source rewiring kit for Rega R200.

Thank you for purchasing our kit. Please follow these instructions carefully for install our kit.

Tools you need:

- 1.5 mm flat screwdriver
- Solder
- Soldering Iron
- Continuity tester or resistance meter
- Tweezers

Parts:

- 1 Wiring harness
- 400mm draw wire

Remove the old wiring and prepare for the new wiring.

- Unscrew the 2 flat screws at the base of the tonearm. Do not remove the screw entirely because can be easily lost.
- Withdraw the plastic plug at the base of the tonearm with a gentle twisting motion. Once the plug is off cut the wires connected on the inside of the tonearm and dispose the external wiring.
- From the tonearm's main pillar should come 6 wires, 2 of those wires are black, these are the ground wires. Secure the 2 black wires with a piece of adhesive tape in way that they won't be pulled back when you remove the other wires.
- Join and twist the white, read, blue and green wires that exit under the tonearm's base and then solder them together.
- Solder the above described wires with the end of the Litz wires of the rewiring kit. Ensure that the soldering is smooth and of diameter not exceeding the total thickness of the 4 wires. This soldering point must easily pass through the small arm's holes.
- Unscrew the screw that hold the headshell connector at the end of the arm tube. You might find that the connector is also glued.
- Gently remove the headshell connector, if its glued use a twisting movement and the help of some lube like WD40.
- Gently pull the old wires from the headshell end, make sure that the Litz wires are loose and there is no strain in upping all the rewiring kit, lay the kit on a table to avoid that is hanging under the tonearm.
- Once the 4 Litz wires are out of the headshell, desolder the draw wire and free the wires.

In case the old wires get detached from the new while pulling the new in:

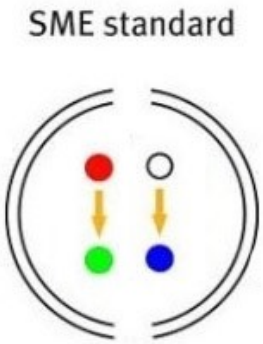
- Remove completely the old wires
- Tin one end of the 400mm draw wire
- Feed the tinned end of the wire into the tonearm's tube from the headshell end. As the wire exit from the arm tube, you can see the wire's end through the rear end of the tube, just under the vertical bearings. Use a pair of tweezers or a hook to catch the wire and pull it out of the rear end of the arm and then into the main pillar. Slowly feed the wire into the main pillar.
- The draw wire must run under the bearing assembly. The draw wire must run now from the headshell, under the bearing assembly down to the tonearm base and with the tinned end at the bottom of the tonearm.

- Solder the tinned and of the draw wire to the 4 Litz wires of the rewiring kit. Ensure that the soldering is smooth and of diameter not exceeding the total thickness of the 4 wires. This soldering point must easily pass through the small arm's holes.
- Gently pull the draw wire from the headshell end, make sure that the Litz wires are loose and there is no strain in upping all the rewiring kit, lay the kit on a table to avoid that is hanging under the tonearm.
- Once the 4 Litz wires are out of the headshell, desolder the draw wire and free the wires.

Complete the installation of the wire.

- Solder the 2 black ground wires at the base of the tonearm to the copper band in the elbow of the rewiring kit.
- Gently pull the 4 Litz wires and at the same time drive the copper ring in the rewiring kit into the base of the tonearm. Lock the copper ring with tightening the 2 screw at the bottom of the tonearm.
- The Litz wires are silk covered and are all white, to identify them the end is painted with the following colours:
- Red, Green, Blue, White (natural silk colour, unpainted)
- All the wires are longer than necessary, mark the wires again with the proper colours next to the end of the arm tube, then trim the wires. Bear in mind that Litz wires need to be pre-tipped before soldering since every strand of the wire is insulated, to pre-tip the wire user a soldering iron at 400 - 430 degrees Celsius with a bit of solder.
- Solder the 4 wires to the headshell connector.

  In the picture you have to connector's colour code solder side. Use a soldering iron with a temperature lower than 270 Celsius and the soldering time shouldn't exceed 3-4 seconds, if you overheat the soldering point you might damage the connector.



- Replace the headshell connector, and fix it with the screw.
- Check with a multimeter if there is continuity between the arm (a good testing point is the thread of the rear stub) and the ground clip of the rewiring kit.

Check with a multimeter is there is continuity between the cartridge pins and the RCA connectors, the colour scheme is as follow:

Left = white wire
Left Ground = blue wire
Right = red wire
Right Ground = green wire