



## **SUPPLIED PARTS LIST**

### **1. ACRYLIC SUB-CHASSIS**

### **2. ACRYLIC MOTOR BOARD**

### **3. BLACK BOX CONTAINING:**

- 3.1 Isolator top disc x 3
- 3.2 Chrome cone x 3
- 3.3 Chrome cone base x 3
- 3.4 Chrome cone base non-slip pad x 3
- 3.5 Sorbothane Isolation Dome x 3
- 3.6 Neoprene cone mounting washer x 3
- 3.7 Main bearing spacer / mass ring
- 3.8 Black acrylic tonearm mounting disc
- 3.9 Polymer tonearm vibration absorber
- 3.10 Dome mounting washers
- 3.11 Switch cable 200mm
- 3.12 Double sided self-adhesive sticky pad for pcb mounting x 3
- 3.13 P-Clip
- 3.14 Self-adhesive cable clip x 2
- 3.15 Flag type crimp terminal x 2
- 3.16 SRM Bubble label & product label
- 3.17 Motor mounting pad
- 3.18 On/Off switch

### **4. PLASTIC BAG CONTAINING THE FOLLOWING FIXINGS:**

- 4.1 M4–16mm allen bolt for P-Clip x 1
- 4.2 M6–16mm allen bolt for cone x 3
- 4.3 M3-40mm allen bolt for motor x 2
- 4.4 M6 half nut x 6 (3 for cone & 3 for suspension top disc)
- 4.5 M3-25mm allen bolt for tonearm x 3
- 4.6 M3 nylock nut x 5 (3 for tonearm & 2 for motor)
- 4.7 M4 nylock nut for P-Clip
- 4.8 M4 washer for P-Clip

1		2		3.1		3.2	
3.3		3.4		3.5		3.6	
3.7		3.8		3.9		3.10	
3.11		3.12		3.13		3.14	
3.15		3.16		3.17		3.18	
4.1		4.2		4.3		4.4	
4.5		4.6		4.7		4.8	

## REGA PARTS REQUIRED & NOT SUPPLIED WITH THIS KIT

1. MOTOR / PULLEY & DRIVE BELT
2. PCB
3. POWER SUPPLY
4. MAIN BEARING / SUB-PLATTER ASSEMBLY
5. PLATTER & MAT
6. TONEARM / CARTRIDGE

## REMOVAL OF PARTS FROM 24v REGA TURNTABLE:

1. Turn off or unplug the power supply at the mains and unplug it from the pcb.
2. Remove platter mat and platter and put to one side.
3. Remove drive belt.
4. Carefully lift out sub-platter from bearing housing and place on a piece of kitchen roll or similar. If you have some turntable oil this is a good time to clean the bearing spindle.
5. Plug the top of the main bearing housing with some kitchen roll.
6. Remove tonearm by unscrewing the three peripheral screws followed by the cable clip on the underside of the deck. Put to one side.
7. Remove the main bearing housing - unscrew the large nut on the threaded brass housing and then lift it out from the top of the deck and put to one side.
8. Remove motor and pcb – Unfasten pcb until it is loose and simply attached by the motor and on/off switch wires. Cut switch wires leaving as much attached to the pcb as possible. Leave motor wiring attached and, assuming the motor is held onto the plinth with a sticky pad, gently twist it until it comes away. You now have all the parts required to build an Azure...

### NOTES ON DONOR DECKS:

*This kit currently only supports 24v decks with the standard sized main bearing housing. We will be producing an adaptor plate to allow for the very small bearing housing used on some later models in the future. It is possible to use a 110/220v model as a donor deck however it is not something we can recommend due to the voltages present on the pcb and on/off switch. Also, with an older deck on which the motor is suspended from the plinth by an O-ring the lugs on the motor need to be bent back to shape to allow secure bolting to the Azure motor board.*

### NOTES ON ASSEMBLY & USE:

*The purpose of the p-clip is not only to hold the tonearm cable in place but also to prevent vibration travelling along it to the tonearm itself. You do not have to use it in the position provided – indeed if you are using the Azure isolation platform you may wish to secure the cable to this instead.*

*You will notice a 6mm diameter hole to the right of the main bearing housing on both plinth parts. Should you ever need to transport the Azure you can place a long M5 or M6 bolt and wingnut (not supplied) through these holes to securely hold both plinth parts together.*

## **ASSEMBLY OF MOTOR BOARD**

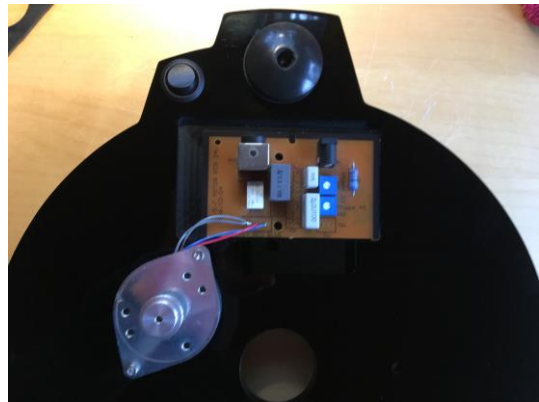
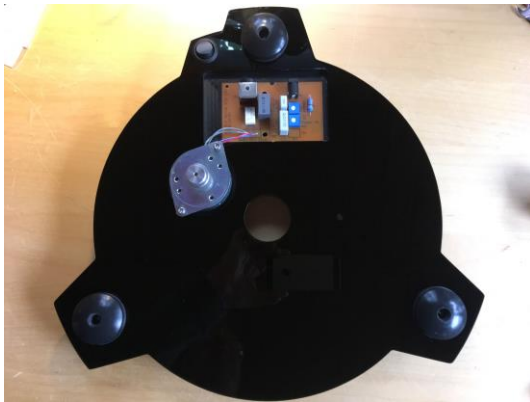
1. The top face of the motor board is the one with the recesses machined in it – see images below. Insert M6 bolts into the three peripheral (cone) holes from the top and fit M6 half nuts on the underside. Tighten.
2. Fit Neoprene cone mounting washer on followed by chrome cone. Tighten.
3. Place motor mounting pad in motor rebate and place motor on top and pcb in position. You may have to make the pcb smaller by cutting off the unwanted part. Bolt motor in place using M3-40mm bolts and M3 nylock nuts. Tighten until the top of the bolts just start to pull on the motor lugs. Don't overtighten as this could damage the acrylic.
4. Guide switch wires through rectangular cut out in the pcb recess and attach the pcb to the motor board using the three double sided self-adhesive discs.
5. Push fit switch in hole provided.
6. If you have enough wire attached to the pcb to reach the switch simply fit the flag terminals to these wires and connect to the switch. It does not matter which way round. If you do not have enough wire to reach the switch then extend with the wire provided.
7. Test the motor by plugging in the power supply. Assuming all is well you can use one or both of the self-adhesive cable clips to tidy the wiring up.
8. Position dome mounting washers in the circles above the cone feet and place sorbothane isolation domes on top. This completes the motor board assembly so you can now place the motor board in position ready to accept the sub-chassis. You may wish to place the chrome cone bases under the cones. You can also fit these bases with the non-slip pads provided if required.

## **ASSEMBLY OF SUB-CHASSIS**

1. The top face of the sub-chassis is the one with the recesses machined in it – see images below. Insert chrome Isolator top discs into the three peripheral holes and fit M6 half nuts on the underside. Tighten.
2. Insert main bearing housing into the central hole, slide on spacer / mass ring followed by large nut. Tighten well. Tighten grub screw in spacer / mass ring.
3. Affix Product label and SRM logo in position, as shown in pictures.
4. Slide tonearm mounting disc over tonearm cables, followed by the polymer tonearm vibration absorber and then thread tonearm cables through tonearm mounting hole.
5. Lower tonearm into place and secure using M3-25mm bolts and nylock nuts. If you are using an older single point mounting tonearm, the M3 bolts are not required.
6. Place p-clip in position on the tonearm cables, push M4-16mm bolt through hole to the right of the rear chrome isolator disc and attach the p-clip underneath using the M4 washer and nylock nut. Pull tonearm cable through until it forms a gentle bend to its entry into the base of the tonearm. Tighten p-clip. This completes the sub-chassis assembly.

## FINAL STAGE ASSEMBLY:

1. Plug the power supply into the pcb routing the wire so it does not touch the tonearm cable – you can use a self-adhesive cable clip for this if you wish.
2. Place the sub-chassis in position carefully ensuring it aligns with the motor board. Adjust position of sorbothane isolators if needed - they may stick to the sub-chassis should you have to lift it off.
3. Lower sub-platter / bearing into place and let it settle in the bearing housing. You may wish to put the platter on to speed up this process!
4. Fit drive belt and turn on motor to test ensuring belt runs just above half way up the sub-platter rim on 33rpm and just below on 45rpm.
5. Replace platter and mat.
6. Pour yourself a large drink, put on your favourite reference LP and prepare to be amazed!



*Designed and made in England by:*

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