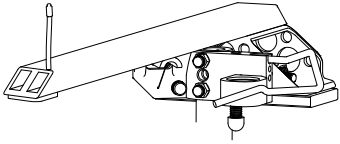


# SUPATRAC Blackbird Farpoint



## Checklist

1. Level Turntable
2. Set Downforce
3. Level Arm (VTA)
4. Set Pivot Contact
5. Clear Wires
6. Attach Magnet
7. Set Pivot Height
8. Set Azimuth
9. Set Bias

## 5. Clear wires

- check that the arm wires can move freely and are not tangled or snagged
- tease them clear of any contact using an allen key
- make sure they apply no force or torque on the arm

## 6. Attach Magnet

- apply magnet to pivot bolt head
- select magnet size to taste
- 3mm diameter magnet is normally adequate

## 1. Level Turntable

## 2. Set Downforce

- place balance on bare platter
- lower stylus onto dimples to find balance weight
- hold tone-arm in your left hand while adjusting with your right
- squeeze counterweight towards pivot to increase downforce and away to decrease it
- centre counterweight on arm axis by pinching thrust box and counterweight from sides

## 7. Set Pivot Height

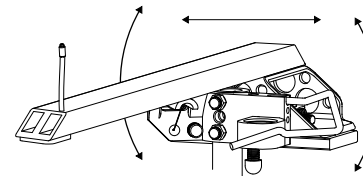
- lift headshell high
- insert a 8 x 60mm straight-edged piece of paper between hoists and thrust surface
- push paper down onto points where hoists meet thrust box
- put arm in play position
- adjust hoists so that pivot is at or just below straight paper edge

## 3. Level Arm

- put arm in play position
- view arm from side to see level
- loose pillar lock bolt
- raise or lower pillar using vertical arm level bolt at 0.8mm per revolution as required
- do not overtighten pillar lock bolt

## 8. Set Azimuth

- observe cartridge from its axis while playing middle of side
- push arm at bearing towards higher side, tensioning hoist while rolling in see-saw motion



- repeat until there is no lean
- if lean returns, nudge weight towards higher side by pinching between thumb and fingers

## 4. Set Pivot Contact

- remove magnet from pivot bolt
- place arm in play position on stationary record
- gently tap back of thrust box to check for pivot contact
- look across thrust surface to check hoists form vertical plane
- adjust hoist knob extension if necessary by loosening hoist knob lock nut
- take care to resettle clove hitch with each quarter turn of knob

## 9. Set Bias

- shorten bias pulley by pulling loose end until it slips
- gently cue arm to the edge of the label to extend pulley
- aim for slow motion towards centre on intro and outro flats
- lengthen pulley to make intro and outro bias more equal
- screw bias rotor bolt in or out for less or more anti-skate
- if cantilever develops a default offset, oppose it to compensate