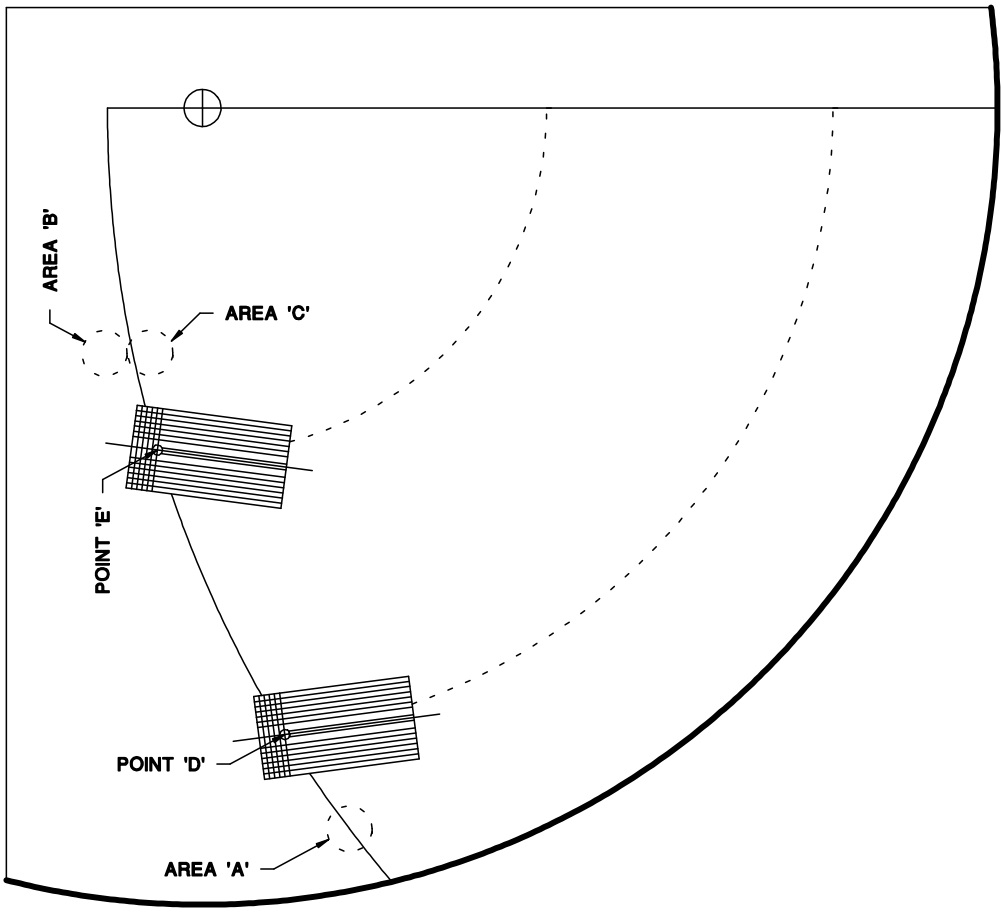

1) Print protractor to full size (100%).
2) Use a ruler to measure one each of the scales in the horizontal and vertical (1 inch or 20 mm) to verify that it printed to the proper size. If the scales measure correctly, the protractor is the right size.
3) Using scissors, trim protractor to outer lines.
4) Cut out center hole with an exacto blade or something similar.
5) Use any method you choose to lock the turntable platter in place.
6) Disengage the anti-skate device.
7) Place the protractor on the platter.
8) Place the stylus on the protractor and shift the protractor so that the stylus rests directly on the tracking arc somewhere near area 'A'.
9) Now move the stylus along the tracking arc and rest it somewhere near area 'B/C'.
10) Note the position of the stylus in relation to the arc: If the stylus rests to the left of the tracking arc (area 'B'), there is too much overhang and the cartridge needs to be shifted back in the headshell (toward the tonearm pivot point). If the stylus rests to the right of the tracking arc (area 'C'), there is not enough overhang and the cartridge needs to be shifted forward in the headshell (away from the tonearm pivot point).
11) After re-adjusting the overhang, move the stylus again to area 'A' and shift the protractor until the stylus rests directly on the tracking arc.
12) Move the stylus again to somewhere near area 'B/C'.
13) If the stylus now rests on the tracking arc at areas 'A' and 'B/C', the overhang is correct. If not, repeat steps 4 thru 8 until the stylus rests directly on the tracking arc at areas 'A' and 'B/C'.
14) Using whatever method you choose, secure the protractor in this position so it will not move.
15) Adjust your cartridge so that the stylus sits as close as possible to the crosshairs of the small circle at point 'D' and the cantilever aligns with the straight line that passes through the small circle. An alternate method is to align the sides of the cartridge with the parallel lines on either side (or front) of the cartridge.
16) Once this is achieved, move the stylus to the crosshairs of the small circle (point 'E') and verify that the stylus sits in its center and the cantilever aligns with the straight line that passes through that small circle (or check that the sides and / or front of the cartridge align with the parallel lines). When aligned properly, the stylus will perfectly follow the tracking arc and the cantilever will align with the center lines of behind points 'D' and 'E'.

NOTE: AREA 'A', AREA 'B', and AREA 'C' refer to general locations along the alignment arc. POINT 'D' and POINT 'E' refer to the crosshairs at the center of the small circle within the alignment grid.