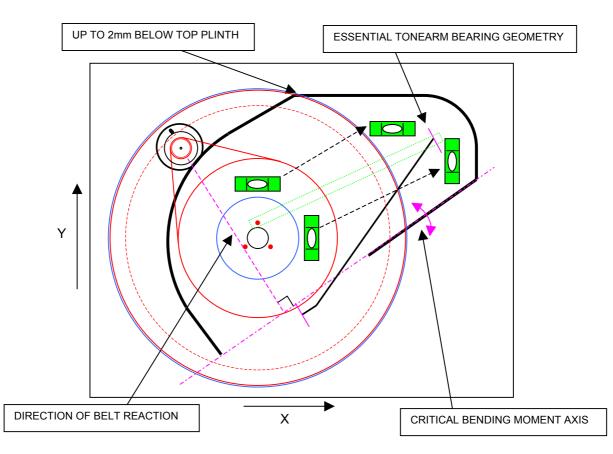
ROKSAN AUDIO LIMITED XERXES TOP PLINTH DESIGN AND ALIGNMENT

The XERXES top plinth cutout is an important element of the design of the recordplayer and should not be tampered with. It is part of the suspension that only works about an axis least affecting the cartridge/record interface. This portion, under the cobmined weight of the tonearm and the platters, will eventually settle down where there would be a 2mm (MAX.) gap visible at the point indicated.



The Main bearing should be adjusted such that the inner platter is level with the cutout portion (near the tone arm). This is done by tightening/slackening the Main bearing fixing bolts. These should normally be done up until they just touch the plinth and then tightened through half a turn. Then tightening one and slackening the others would change the alignment of the main bearing. First the front two on either side of the Main bearing should be adjusted to level the platter with the tonearm area along the X-axis. Then the one behind the Main bearing should be adjusted to align along the Y-axis. (It is important to ensure that the 'Grounding' copper strip is not damaged/cut by this fixing bolt's washer.) If however the outer platter's rim at the back is too close or touching the top plinth, a Main bearing shim is required to raise the Main bearing. These are available in 1mm and 2mm (with longer fixing bolts). The shims simply slide over the Main bearing housing and fit between the flang and the top plinth.

After the alignment of the platters with the tonearm (ensuring correct azimuth) the top plinth should be adjusted up or down (via the 'BLOBS') until it is just below the lip of the surround plinth. The motor pulley should also be level with the platters. To do this align the motor bearing housing that is attached to the motor plate. This bearing is also fixed with 3 bolts, 2 with fixing spacers that should be tightened tight and one without a spacer to change the angle of the pulley towards or away from the inner platter.

Infact once the cutout is settled and the record player re-setup, it would perform at its optimum. If you wish your Xerxes to work and sound at its best, treasure your old plinths and do not listen to any thing that suggests this is a problem.