

6.1.4 ANTI-SKATE ADJUSTMENT

The graduated scale under the ASK knob shows the value of the stylus tracking force; consequently after determining this value it is necessary to put the ASK knob index on the same value.

The current required to generate the ASK force corresponding to the different tracking forces is controlled by the relevant potentiometer on the board "POWER SUPPLY".

ASK force values, measurable with special torque meter, are shown on the diagram at page 5.

6.2 PICKUP ARM LIFT

The lifting and lowering of the pickup arm are automated by means of a special cam splined to a geared motor.

This cam lifts and lowers the overhanging small plate and signals the tonearm lifted or lowered position to the control logic trough a microswitch.

6.2.1 LIFT ADJUSTMENT

By loosening screw 101 (see fig. 16 at page 25) it is possible to shift the small plate until stylus (with tonearm raised) is at $7 \div 8$ mm from the record plane.

Moreover insure that, with stylus lowered onto record and lift in retracted position (relevant orange LED must be extinguished), the small plate distance from pickup arm is approx 1 mm.

6.3 BRAKING SYSTEM

The turntable is provided with an electromagnetic braking system which is activated by the STOP function thereby affording the cueing of the desired point in the program and preventing platter accidental rotation after definition of the said point.

The braking system consists of a rotating disk integral with the motor axle. This disk, when energized, is being attracted by a ring electromagnet. Braking torque has been defined so as to facilitate cueing of the desired starting point by hand.

In rest position, distance between rotating disk and electromagnet must be $0,3 \div 0,6$ mm.