

# Toyota 501 RIBBER

The Toyota 501 ribber is usually matched with the 901 knitting machine.

There are two adjustments available on these ribbers, height and alignment. In each case you do not need to remove any of the nuts or screws, just loosening them will allow the adjustments to be made.

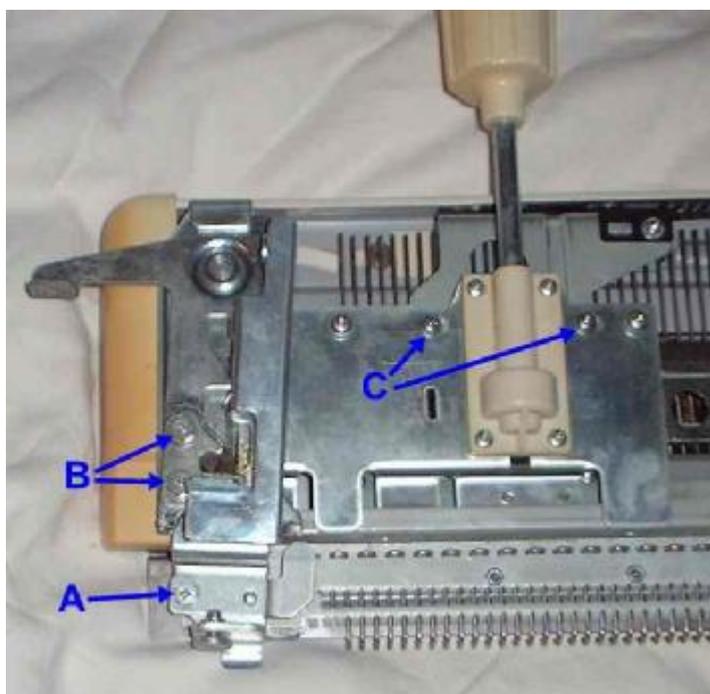
Height is the most usual problem.

The combined weight of machine and ribber is considerable, and you should always be aware of the danger of the whole thing falling over, or the clamps working loose over time. Always choose a sturdy and stable support for your machine and before starting to knit, check that everything is in position and the clamps are tight.

Over time the edge of a table can sag, or warp and checking the ribber height every so often can help to detect this.

Set the ribber in its upper position at H5 and draw out a few needles at each end. There should be a small gap between the needles and the sinker posts of the ribber. I recommend at least the thickness of a approx. 1.1 mm or a CD. but most machines seem to be set at greater distances – though almost without exception, with one side lower than the other. As you can imagine, this leads to some rather lop sided knitting. The closer the beds, the tighter the ribbing you can make, so if you are unable to make a firm welt or cuff ribber droop could be the reason.

To alter the height of the ribber you need a suitable cross headed screwdriver to loosen the screw 'A' if the 'limiting lever' is already in contact with the back of the ribber bed, and the two screws 'B' which hold the topmost notch of the bracket. The screw holes are oval and give the movement required to make the adjustment. I find it very awkward to make this adjustment secure without taking the ribber off the machine. I can usually manage to reach the lowest of the screws, so the other two are set and only require tightening, but it is rather a nuisance.



The needles of both beds should align perfectly when the ribber is set to P5. There is a small amount of play in the fixings, so during setup you can check that the needles are 'nose to nose' before tightening the screws and clamps. If you find that there is more adjustment required there are two screws, 'C' on the back of the ribber, one on each side of the racking handle socket. When these are loosened the racking mechanism can be moved relative to the machine bed by moving the racking handle slightly. Check that the needles at 100 on each side on each bed align perfectly. When tightening the screws do not use excessive force.