

Cap System Adjustments for Toyota ESP 9000 & ESP 9100NET

The cap system that came with your ESP9000 or ESP9100NET must be adjusted to your embroidery machine before use. If these adjustments are not made prior to the use of the cap system, unsatisfactory results or damage to your embroidery machine could occur.

First we must check the position of the drive ring. Look for the scribed line on the drive ring and align it with the center of the needle plate. See Figure 1. Now look at the scribed line (3) on the joint plate. See Figure 2. This scribed line should align with 0 on the scale (4). If these do not align, locate and remove the nut on the bottom of the drive ring (5). See Figure 3. Remove the presser roller and 2 washers. Now loosen the 2 nuts that were under the presser roller (6). Hold the drive ring in place and move the joint plate until the scribed line is aligned with 0 on the scale. Tighten the two nuts on the bottom of the drive ring. Position the roller, washers and nut then tighten.

Next we need to adjust the Base Holder Roller. This is the black roller located behind the drive ring. See Figure 4. Loosen the two attaching screws (7) and lift up the base holder shaft (8). Adjust the base holder roller (9) so that it lightly contacts the bottom surface of the groove at the bottom of the bed (10) and the shaft is positioned horizontally, then tighten the two attaching screws. Secure the roller (9) by moving the 2 collars (11) to the edge of the roller and tighten the set screw on each collar.

Now we must adjust the position of the driving base (14). Make sure that the needle plate (12) is positioned in the center of the needle plate guide (between 13 - 13) from either side. Adjust the position of Driving Base (14) by loosening the 4 screws (15) so that the surface of the needle plate guide (13) and the surface of the needle plate align.

Lastly, we will install the cap frame guide. Loosen the hook guide attaching screws (16). Insert the wide cap frame guide (17) between the hook guide and the attaching screws (16), and tighten the attaching screws to secure the guide.

NOTE: After tightening the attaching screws, confirm that the thread hook can move smoothly.

