

This article is to share some problems and solutions when using the right extruder leveling knob

1. The leveling knob is difficult to turn

a. Please unscrew the leveling knob here first



b. Apply grease to the head of the thread and the bottom surface of the black part, as shown in the red part, and then reinstall it, the situation will improve a lot



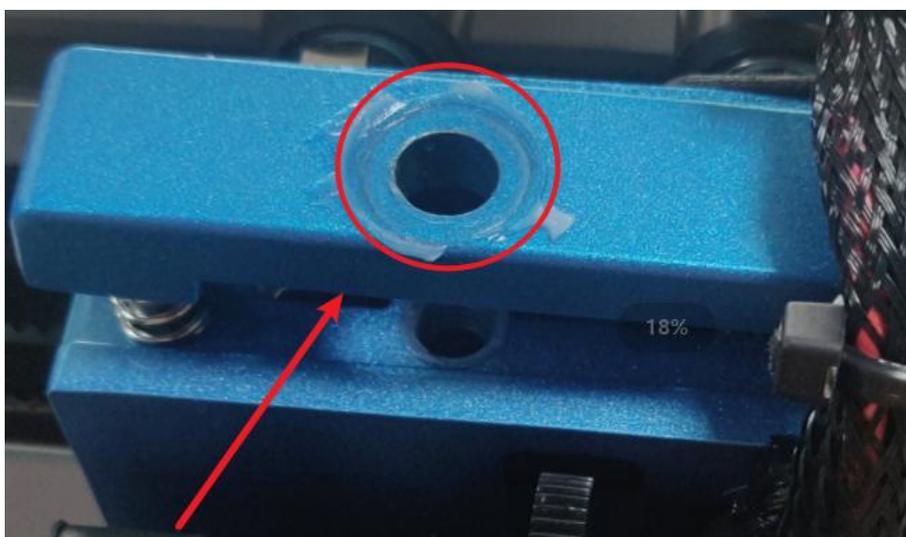
2. The slider plate cannot be screwed to the top or to the bottom

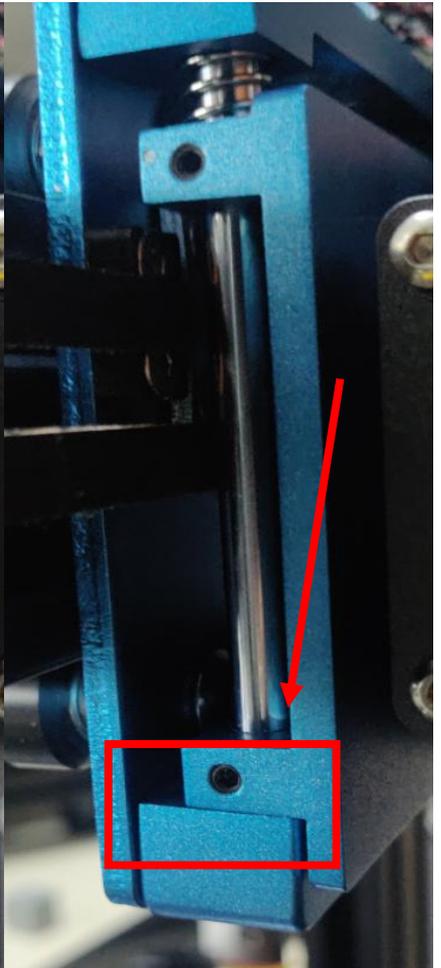
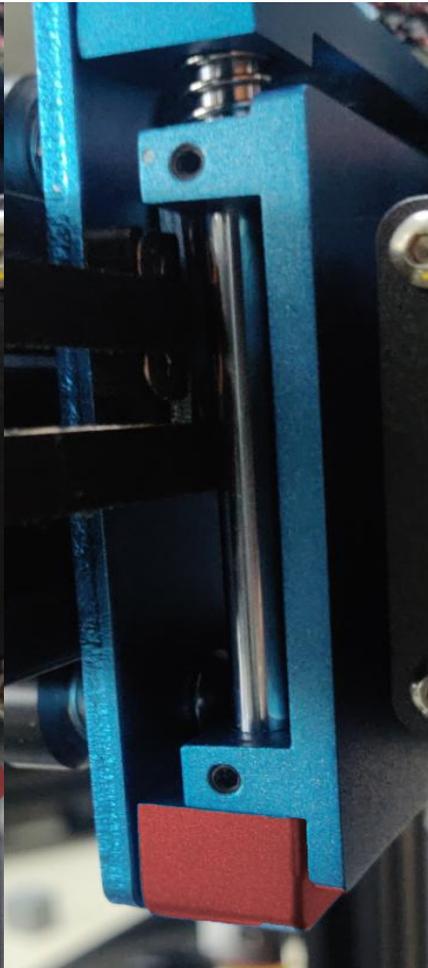
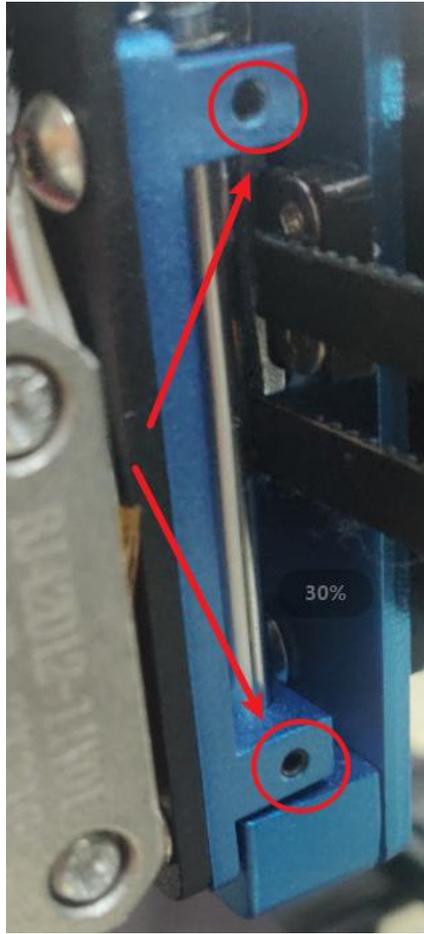
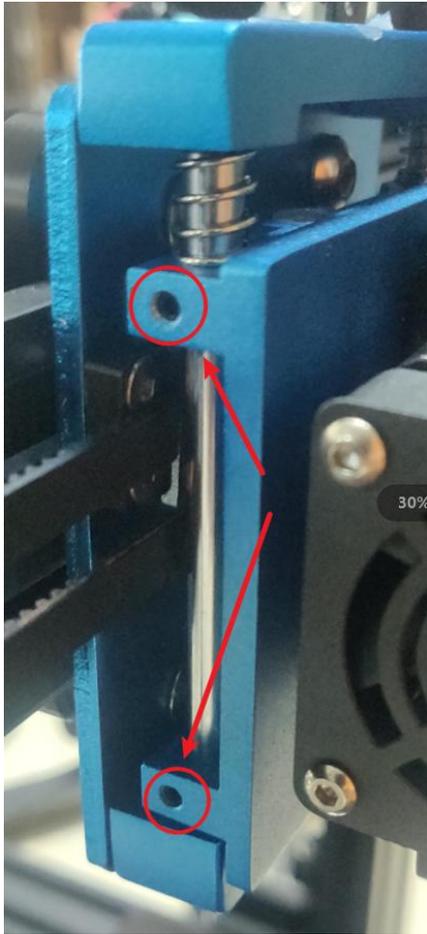
* First of all you should know that the state of the normal slider board should be like this:

When the upper black knob is fully tightened clockwise, the slider plate should rise to the top and contact the upper stopper and keep it flush. Note that the top refers to the red square mark in the second picture, not the yellow one



When the upper black knob is completely loosened, then loosen the four Set screws on the left and right sides of the slider plate (just loosen them, don't have to unscrew them) (use a H1.5 hexagon socket screwdriver) (slowly , several times, to avoid sliding teeth), the slider plate should be lowered to the lowest contact with the lower block and kept flush

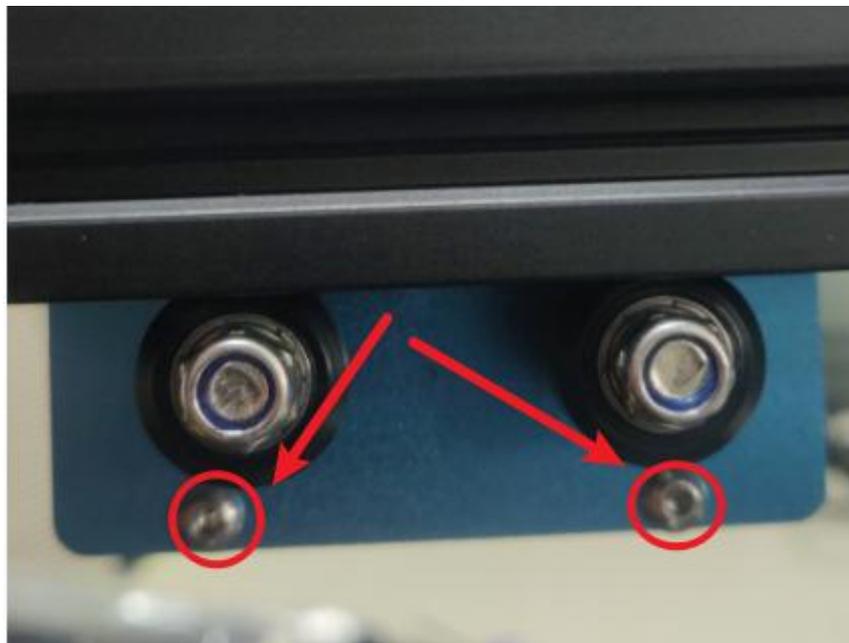




If your machine cannot achieve the above phenomenon, it may need to be adjusted. You can adjust it through the following steps:

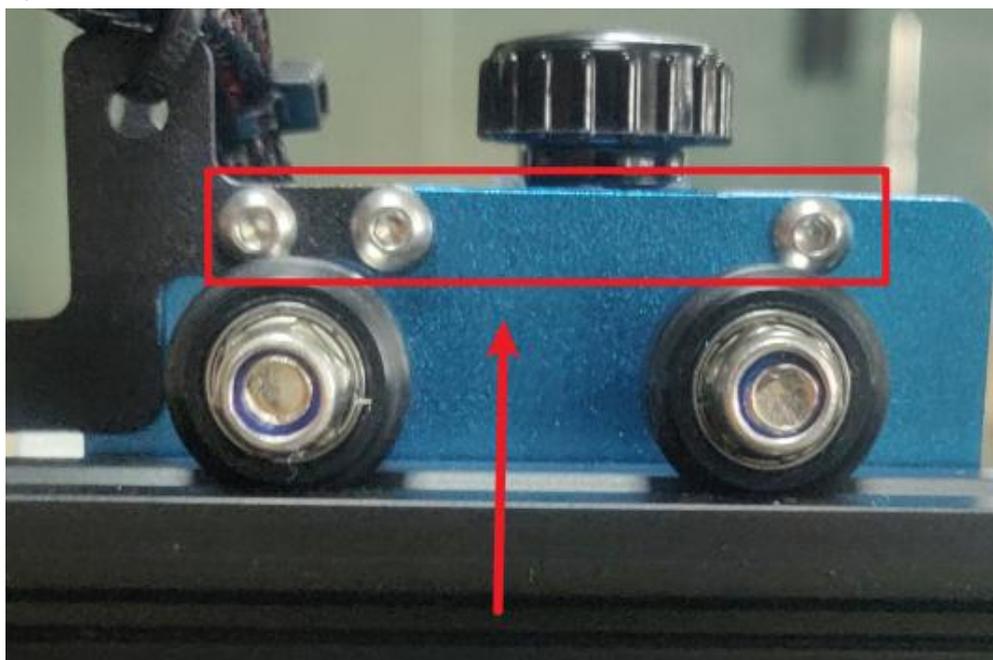
a) cannot be reduced to a minimum

If it cannot be kept flush or there is still a certain distance, you can continue to adjust the following operations when check if it can be lowered to the lowest level. Loosen the two screws at the bottom of the back panel behind the Extruder, as shown in the figure below (just loosen it Yes, no need to unscrew them), at this time the slider plate should have been lowered to the bottom. After manually adjusting the position of the lower block and the slider plate, tighten the two screws again and the adjustment is completed



b) cannot reach the highest

If it cannot be raised to the highest position after tightening, please keep the position that has reached the highest position, and then loosen the three screws on the back side, similar to the method of adjusting the slider that cannot be lowered to the lowest position. That's it, and then tighten the black knob on the top again until the top can be flush with the slider plate. After adjustment, tighten the three screws on the back again to restore, and the adjustment is completed.



Please adjust it according to the actual situation. If the above method still cannot be adjusted properly, it is recommended to contact Sovol customer service for better advice.