If your SG9120 or SG9120B has too much slack and you have already made sure that the bolt inside the shaft of the SG9120 or the bolt (#1 below) through running through the shaft of the SG9120B is tight, then try following these instructions to manually adjust the backlash.

Pictured:
SG9120B

1) Use the manual button to drive the motor to zero degrees.

2) Connect an ammeter to the connectors of the DiSEqC motor to monitor its currency. The currency should be no more than 200mA, without the LNBF or the dish installed on the SG9120/SG9120B.

If you don't have an ammeter, you can find one on Ebay or Amazon for a decent price. If you do not have a meter, or if you are not familiar with the use of an ammeter, then while adjusting the gears in the next step, listen to the motor & make sure the motor is running smoothly. The motor should always run smooth and not sound like it's running rough and under pressure.

3) Remove the sticker over part #3. Use a M4 allen wrench to adjust this screw. This screw controls the gap between the gears. This can not be too tight. If it's too tight, it will cause the motor to demand more power, resulting in your receiver or DiSEqC control box (positioner) to shut down, if not burning out completely. At the same time, it can not be too loose. This will cause more backlash.

4) Use an M3 allen wrench to adjust position #2. This to adjust and fine tune the currency.