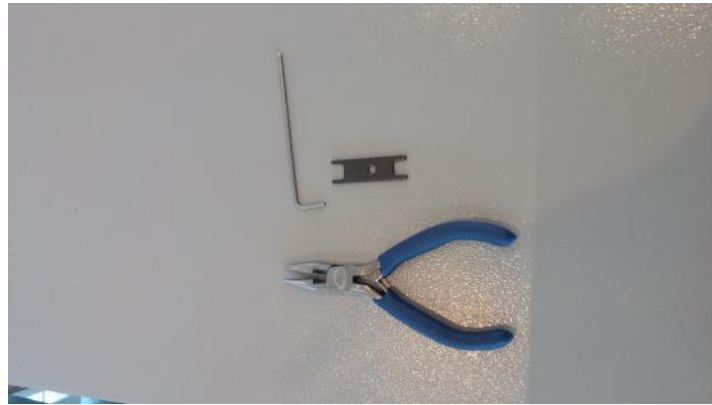
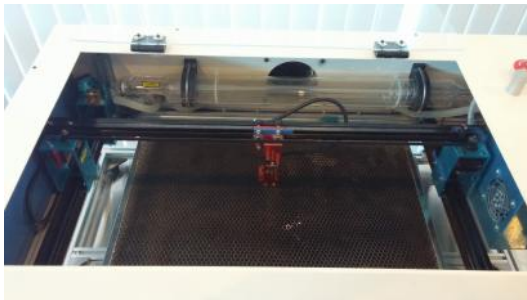


5th Gen X Belt Replacement

To replace the X belt present in the machine you will need 3 tools. A pair of needle nose pliers, a 2.0mm hex key that came with your machine and the eccentric spacer adjustment tool that came with your machine illustrated below.



First you will need to place the black eccentric wrench under the idler pulley on the left side belt illustrated below and then use the needle nose pliers to loosen the net from the idler pulley. Do not remove the hex nut from the underside of the pulley, just loosen it.



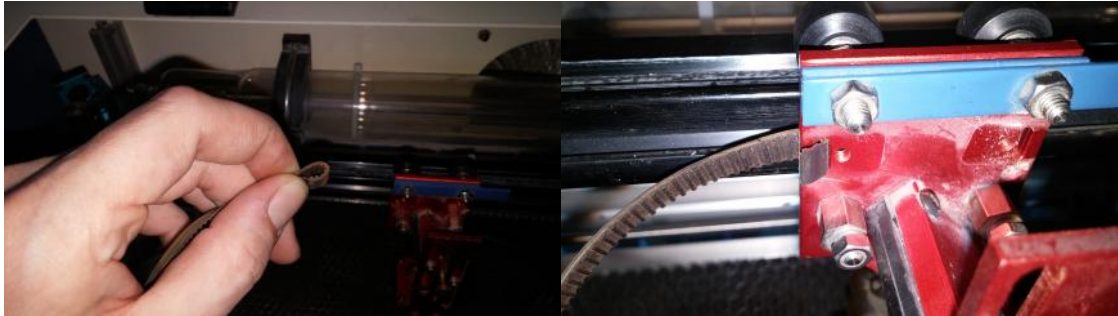
Once the hex nut is loosened the idler pulley will be able to be pushed to the right, loosening the tension on the x belt. You will then be able to remove the belt from the left side idler pulley.



With the belt removed from the left side pulley you will not be able to remove the belt from the right side motor gear. This will allow the belt to be free from the idler pulley and motor gear and only be attached to the laser head. Now you can remove both the hex screws and t nuts holding the belt in place.



Once the hex screws and t nuts are removed you will be able to pull the belt out of its port in the laser head as illustrated below. To install the new belt, you will want to bend the end of the belt as illustrated below and enter it into the side of the laser head and then move the laser head to the right and left until the belt pops into the small port.



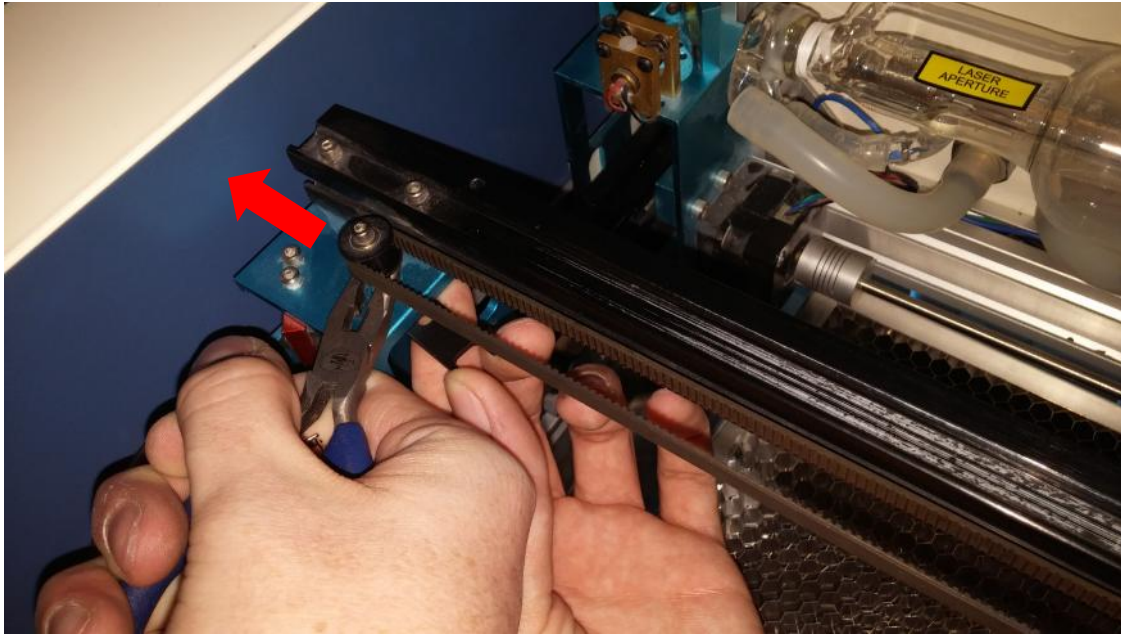
Repeat the process for the other end of the belt so that both sides are back into the laser head. You can then place the hex screw and t nut back onto each end of the belt securing them into place.



Once the belt is back into the laser head you can then put the belt back onto the motor gear on the right first and then place the belt onto the idler pulley on the left.



Once the belt is back onto the motor gear and idler pulley, you can now use the eccentric wrench to place onto the bottom hex nut under the idler pulley and then push the hex nut to the left. By pushing the hex nut to the left you are creating tension on the belt which you can then use the needle nose pliers to tighten the hex nut to the idler pulley and hold the tension on the belt.



Once the idler pulley and hex nut are tightened, the belt installation is completed.