

Using the Studica Chain Break & Press Tool

This is a guide on how to setup and use the Chain Breaker tool to press and break chains. Guide also includes how to merge chains using a master link.

Setup



Pictured above are all the parts that come with the Chain Breaker Tool.



Screw in the mandrel and the cup point with the 4mm Allen key, and the M4 screw in with the 3mm Allen key, with the result as pictured above.

Breaking Chain (Splitting)

In this section there will be two ways to break the chain, method one completely removes the pin from the chain and in method two the pin stays partly attached to make it easier for pressing.

Method 1:



Add chain as pictured above, with the area you want to break under the mandrel. Start turning the mandrel clockwise so the mandrel screws in, until the pin has been pushed out.



Tip: Flip 4mm Allen key 90 degrees when breaking to make it easier to screw the mandrel in. (Pictured above)



Turn the 4mm Allen key counter clockwise to unscrew the mandrel, to allow for chain to be released.



Remove chain(s) and pin from chain block.

Method 2:



Place chain in chain block with the place you want to split under the mandrel. With this method, the M4 screw must be screwed all the way in using the 4mm Allen key.



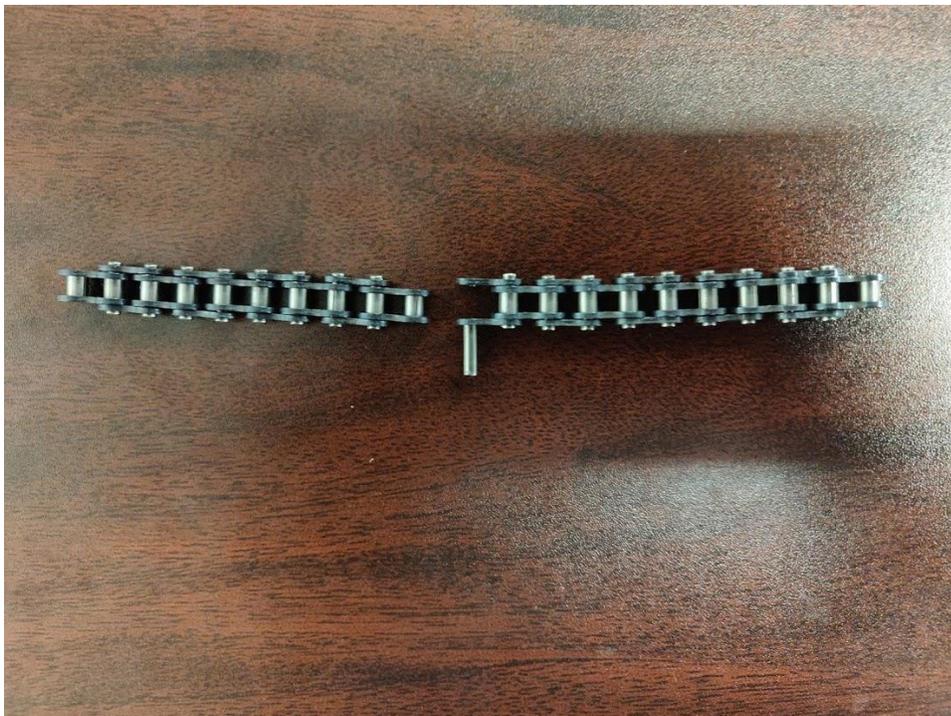
Start to screw in mandrel to remove pin.



Keep screwing until pin can no longer be pushed.



Unscrew mandrel.



Remove split chain, and proceed to part 2 of the pressing chain (merging) guide.

Pressing chain (Merging)

In this two-part section, we learn how to merge one chain into another chain.

Part 1:



Get 2 chains and a pin ready, as pictured above.



Put pin as shown above and insert first chain.



Insert the second chain.



Start screwing with the 3mm Allen key until the pin is attached to part of a chain.



Take out chains, and one should look like the picture above.

Part 2:



Put chain with pin attached to top link under the cup point.



Add other chain to be attached.



Screw in the cup point using the 4mm Allen key until the cup point touches the chain.



The chains are merged when you can no longer screw in the cup point, and it is touching the chain.



Unscrew the cup point.



Take out the merged chain.

Using a master link to merge chains



Although not provided with the Chain Breaker Tool, chains will come with master links to attach two chains that have 2 male connections, as opposed to 1 female and one male (pictured above).



Pictured above is everything you will need to put together two chains with the master link.



Put the plate and pin assembly into the male ends of both chains, to combine them into one longer one.



Push plate into bottom of both pins.



Get master link and chain ready.



Place master link as pictured above.



Press Master link into the pin. The Master link should click into place if done correctly. It is recommended to use pliers.



Completed joint chain with master link pictured above.

Breaking chain (Master link)

Taking off the master link is just as easy as putting it on!



Prepare chain with master link attached.



Place pliers at open side of master link. Press pliers together with pin and master link as pictured above.



Successfully removed the master link from the chain.