



Chain Break & Press Tool Instruction Manual

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Introduction

This instruction manual will guide setting up and using the Chain Breaker & Press Tool. Inside this manual are instructions for breaking and merging chains, along with how to use master links.

What's in the Kit?



1. Mandrel, **2.** Cup Point, **3.** 4mm Hex Allen Key, **4.** Chain Block, **5.** M4 x 6mm SHCS, **6.** 3mm Hex Allen Key

1.0 - Breaking Chain

This section provides two methods to break the chain. Method one removes the pin completely, and method two keeps the pin partly attached for easy merging.

1.1 – Complete Removal

1.1.1 – Removing the M4 x 6mm SHCS

Method one is the complete removal of the pin from the chain. The M4 x 6mm SHCS is not required for this stage and could cause issues if left in place. Using the 3mm Hex Allen Key remove the M4 x 6mm SHCS from the Chain block.



1.1.2 – Adding the Chain

Add the chain to the chain block. Take care to ensure the chain lines up with the grooves cut out to hold the chain. The correctly lined up chain will make sure the tool operates as intended.



1.1.3 – Using the Cup Point for Stability

Using the 4mm Hex Allen Key, gently tighten the cup point on the chain. This will help hold the chain in position, preventing movement when taking the pin out.



1.1.4 – Position the Mandrel

Gently tighten the mandrel until it contacts the pin to be removed from the chain.



1.1.5 – Flip the Allen Key on its side

Flip the Allen key 90° onto its side. This will help apply more torque to the mandrel and make the pin easier to take out.



1.1.6 – Remove the Pin from the Chain

Start turning the Allen key, and the pin will start to push out. It may take some force at the beginning before the pin begins moving.



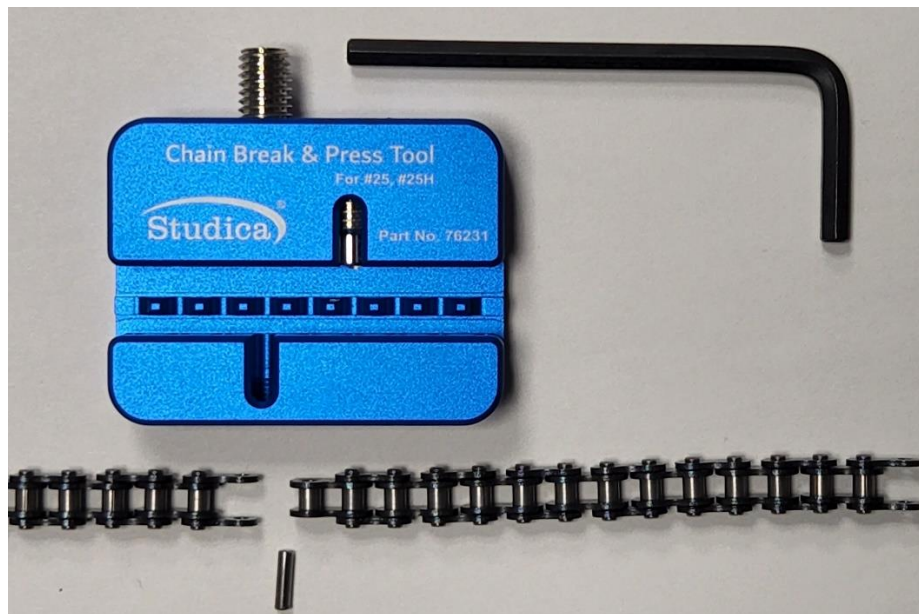
Pin Halfway Out



Pin Fully Out

1.1.7 – Final Steps

Now that the pin is fully out of the chain, remove the mandrel and cup point from holding the chain. The chain should now be loose and be able to come out easily.



1.2 – Separating Chain but Keeping the Pin

1.2.1 – Setup

The second method of removing the pin keeps the pin still attached to one end of the chain. This allows the chain to be put back together effortlessly and without master links. This method requires the M4 x 6mm SHCS to be installed.



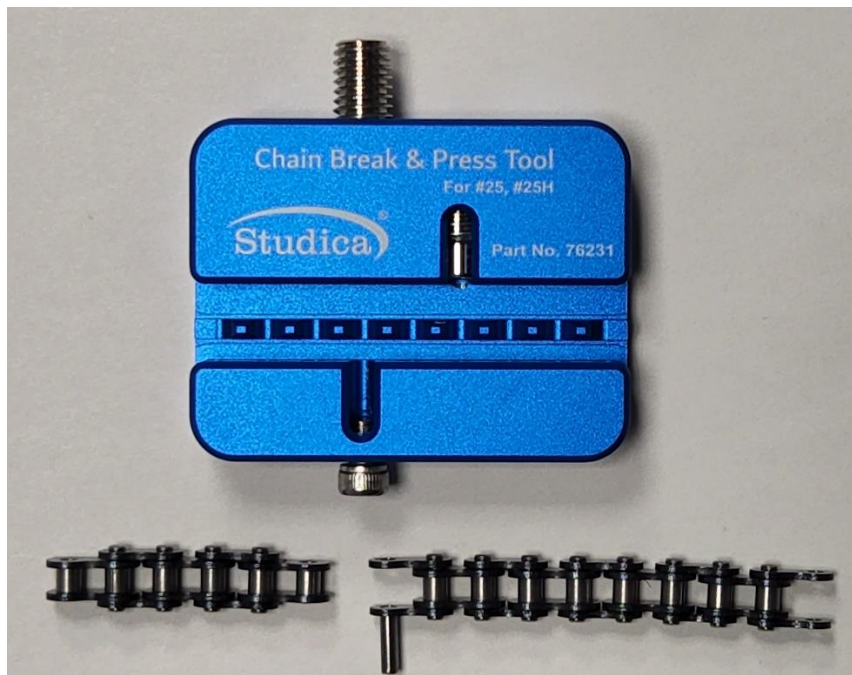
1.2.2 – Separating the Chain

The rest of this method is the same as the previous method. Follow steps **1.1.2 to 1.1.7** to separate the chain.



Pro Tip: If the chain is not separating slightly loosen the M4 x 6mm SHCS and tighten the Mandrel until the chain separates.

Pin pushed up to M4 x 6mm SHCS



Chain Separated but Pin still Attached

2.0 - Merging the Chain

Merging the chain allows for two separate or one single chain to be joined together.

2.1 – Clearing the Cup Point Cavity

For the chain to merge, the cup point must be unscrewed until the cavity is open for the pin to fall into.



2.2 – Inserting the First Chain

Insert the chain or chain side with the pin first. The pin must fall into the cup point cavity.



2.3 – Adding the Second Chain

With the first chain in place, add the second or other half of the chain to the left side of the chain block.



2.4 – Secure the Chain

Gently screw the mandrel down until it makes contact with the chain. This will keep the chain secure while the cup point pushes the pin into the chain.



2.5 – Set the Cup Point

Gently screw the cup point until it makes contact with the pin.



2.6 – Push the Pin into the Chain using the Cup Point

Flip the 4mm Hex Allen Key 90° and push the pin into the chain. Screw the cup point down until it makes contact with the chain.

Warning: Do not screw the Cup Point to tight or it may damage the chain.



2.7 – Finished Merged Chain

The chain should now be merged and either a longer or a closed-loop chain.



Pro Tip: If the pin is not fully into the chain, use the mandrel to gently push it the extra distance required.

3.0 - Master Link

The master link allows for a quick and easy way to attach chains without a chain tool.

3.1 – Adding a Master Link

3.1.1 – Master Link Required Parts



1. Pliers, 2. Clamp, 3. Link, 4. Spacer, 5. Chain

3.1.2 – Adding the Link

Add the link into the two chains required for linking.



3.1.3 – Adding the Spacer

Add the spacer on top of the link and the two chains.



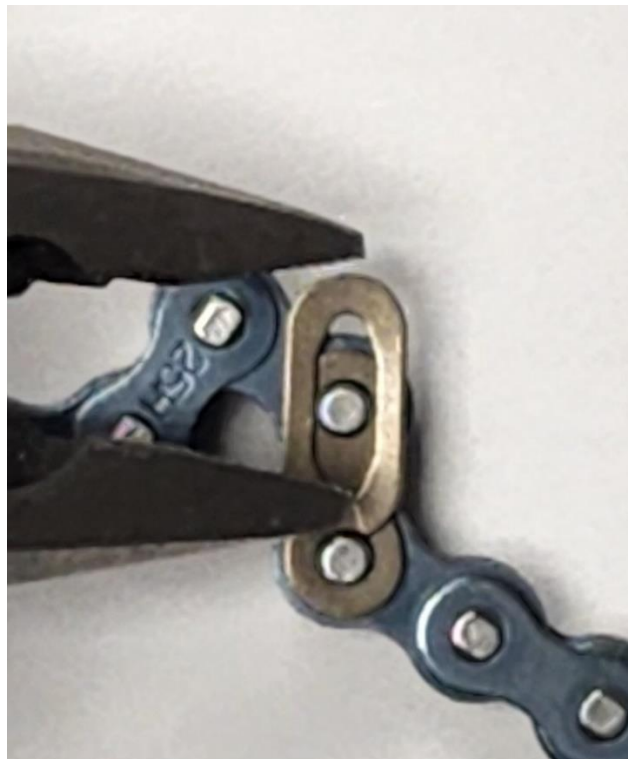
3.1.4 – Adding the Clamp

Add the clamp on top of the spacer.



3.1.5 – Use the Clamp Master Link

Use the pliers to Clamp the Clamp.



Pro Tip: Have one side of the pliers on the pin. And the other side on the back of the clamp.

3.1.6 – Finished Master Link

The master link is now attached and good to go.



3.2 – Removing the Master Link

3.2.1 – Unclamping the Master Link

Using the pliers, unclamp the master link clamp.

Pro Tip: Have one side of the pliers on the pin being clamped. And the other side on the open side of the clamp.



3.2.2 – Disassembly of the Master Link

With the clamp off, the master link can easily be disassembled.

