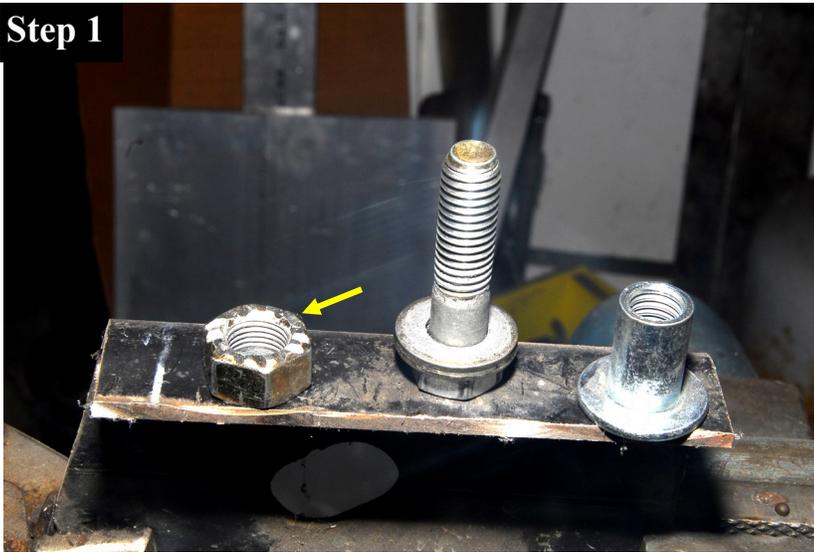


Black Magic Brakes Nutsert setting instructions

Step 1



Caution– The Nutserts have a grip range that is suitable for OEM Frame Thickness - .125” - .160” thick.

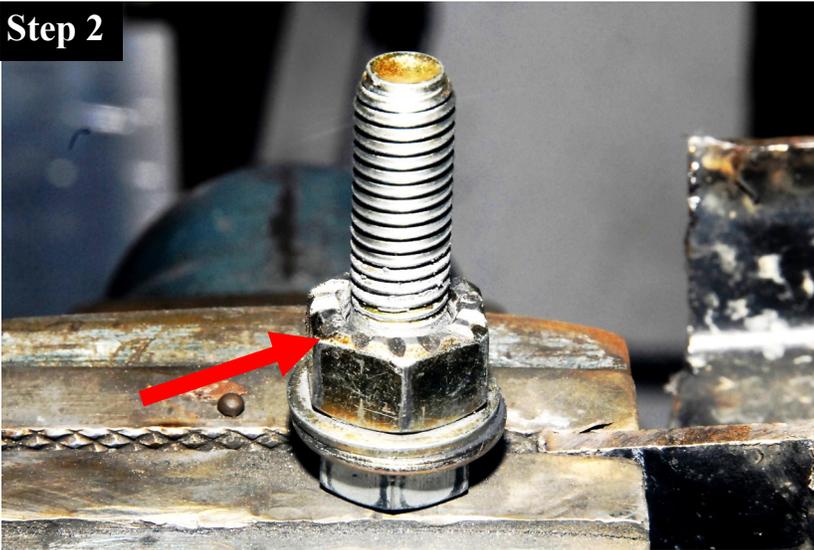
This shows the parts for building the nutsert setting tool that is NOT INCLUDED.

The nut is a 9/16's fine thread nut that fits over the 1/2-13 Grade 8 bolt and will spin freely on the bolt shank. A coarse thread version of the same nut will need to be drilled with a 1/2" bit so that it can spin freely.

The washers are coated with anti-seize so the bolt is easier to turn and care should be taken to keep the anti-seize off the serrated part of the face of the nut.

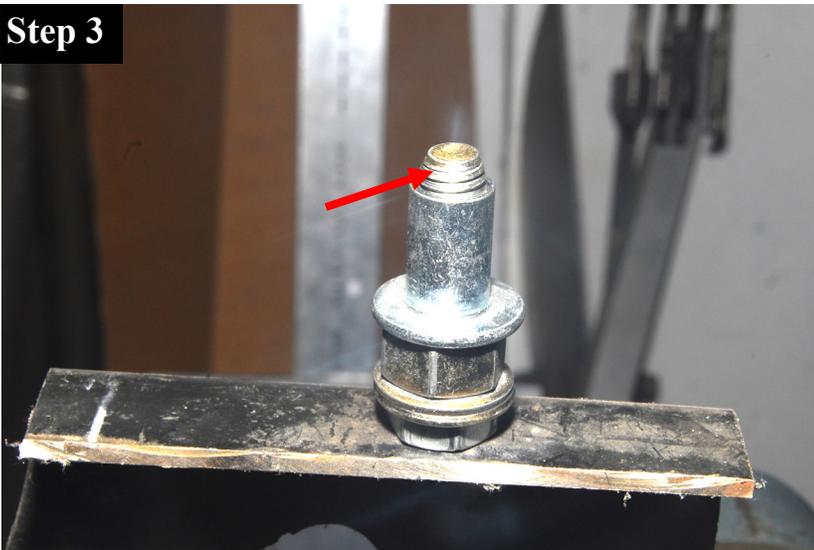
The serrations must be cut into one face of the nut to stop the nutsert from spinning when you turn the bolt.

Step 2



Assemble the tool making sure that there is no or very little of the unthreaded portion of the bolt shank protruding past the face of the nut.

Step 3



Thread nutsert onto the setting tool with several threads past the end of the nutsert. If there are not bolt threads past the end, there is a strong chance that the nutsert can strip out.

Black Magic Brakes Nutsert setting instructions

Step 4



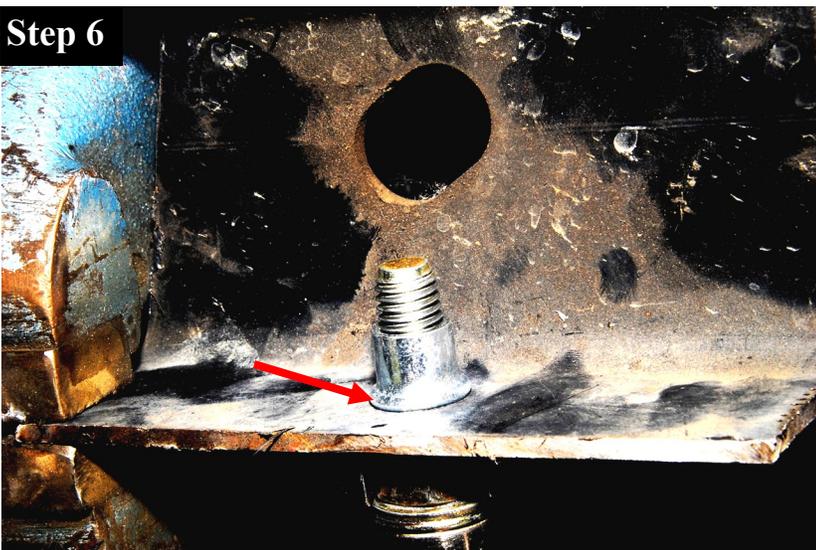
Insert the assembled nutsert and tool into the hole in the frame.

Step 5



Hold the nut with a wrench and turn the bolt.

Step 6



Turn the tool with about 40-50 ft lbs of force and you will feel it get tighter due to the shank of the nutsert expanding and gripping the frame. If you tighten it too much, it will strip out the threads, not enough and the nutsert will spin.