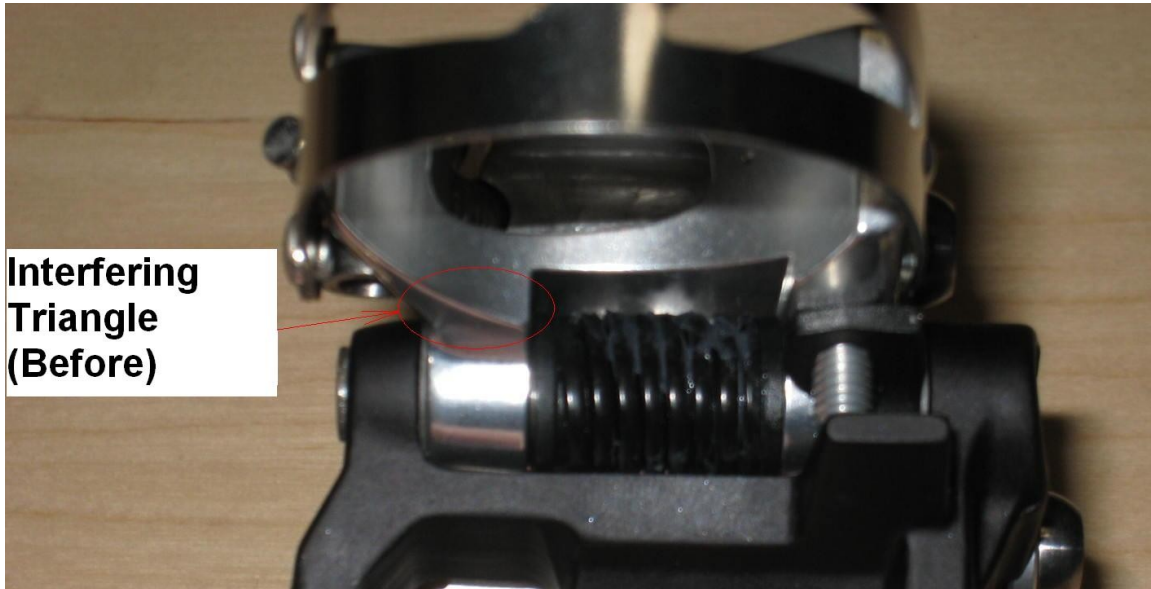


## XX Front Derailleur Modification for Ibis Frames

The SRAM XX front derailleur requires a slight modification to work properly on all carbon fiber Ibis mountain bike frames. On the back of the aluminum clamp body is a small triangle that hangs below the steel band clamp. This part needs to be removed in order for the derailleur to sit at the proper height. Ideally the outside edge of the front derailleur cage should have 2-3mm of clearance above the larger chainring. Removing the interfering triangle will allow the derailleur to sit low enough on the seat tube to maintain this gap.



To properly modify the derailleur, machine a radius into the interfering triangle. Only about 2 millimeters of material needs to be removed so that the clamp will clear the bulging carbon at the bottom of the front derailleur clamping area. Methods to achieve this radius include a simple hand file, light grinding with a Dremel tool, or, if available, an end mill. Once finished, the back of the clamp should look something like this:

