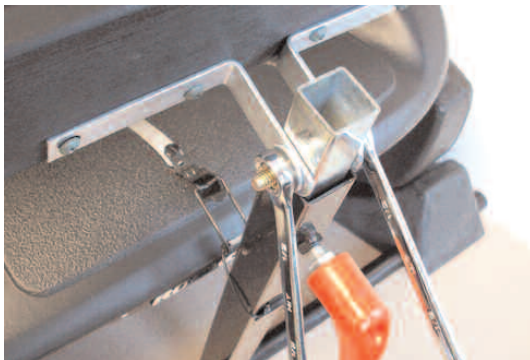
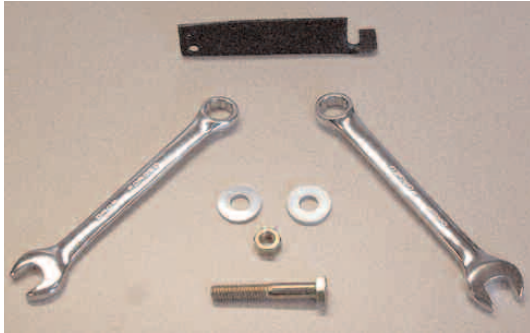


# Power Clamp Installation

**WARNING !!!** Precise Chair cannot take responsibility for injury or damage arising from using this modification.

## Kit includes:



WRENCHES TIGHTENING POWER CLAMP



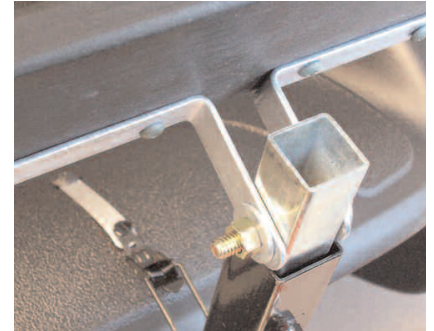
SIDE SHIM IN POSITION



SIDE SHIM IN PLACE

## POWER CLAMP

The black plastic handle and bolt assembly provided with the Precise Chair Complete and Upgrade kit, works fine most of the time for most of the users. Some users exert significant amounts of force of their wheels during racing, resulting in unwanted movement of the steering wheel in the up and down tilting direction. The slippage of the black handle clamp assembly will help to prevent the breakage of other components and if possible you should adapt your driving style to work within the confines of the clamp force generated by the black handle clamp mechanism. Removing the black handles and tightening with a wrench on both sides will improve the clamping force, but you will be able to easily strip the threads with even a small wrench. You can tell when you have stripped the threads as you will not be able to tighten the nut and bolt and both ends will keep turning. At this point the nut and bolt have been ruined and will need to be replaced.



For those of you unable to make the change in driving style, we now have the Power Clamp. This is a grade 8 bolt , grade 8 nut , 2 heavy washers and 2 wrenches to accomplish the tightening process. This will eliminate any possibility of slippage, but may result in damage to other components, like your steering wheel. This is the ultimate in clamping for ultra-aggressive driving styles. **Use at your own risk!!**

## Installation:

Remove your steering wheel from the wood mounting platform. Loosen the black plastic handles until it separates from the clamp assembly. While supporting the wood platform, pull the bolt out of the hole. Insert the grade 8 bolt with one washer, back into the hole and push it all the way through. Install the second washer and the grade 8 nut and use the two wrenches to tighten the Power Clamp. Reinstall your driving wheel and use the wrenches to loosen and tighten until you have the perfect position.

## SIDE SHIM

Included with the **Power Clamp** is a plastic shim to further reduce side to side movement during violent wheel motion. Loosen the red plastic clamp on the black tube and install the side shim. The side shim can go on either side of the tube. Position the wheel where you want it and tighten the red clamp again.