

Simucube Quick Release (SQR) User Guide

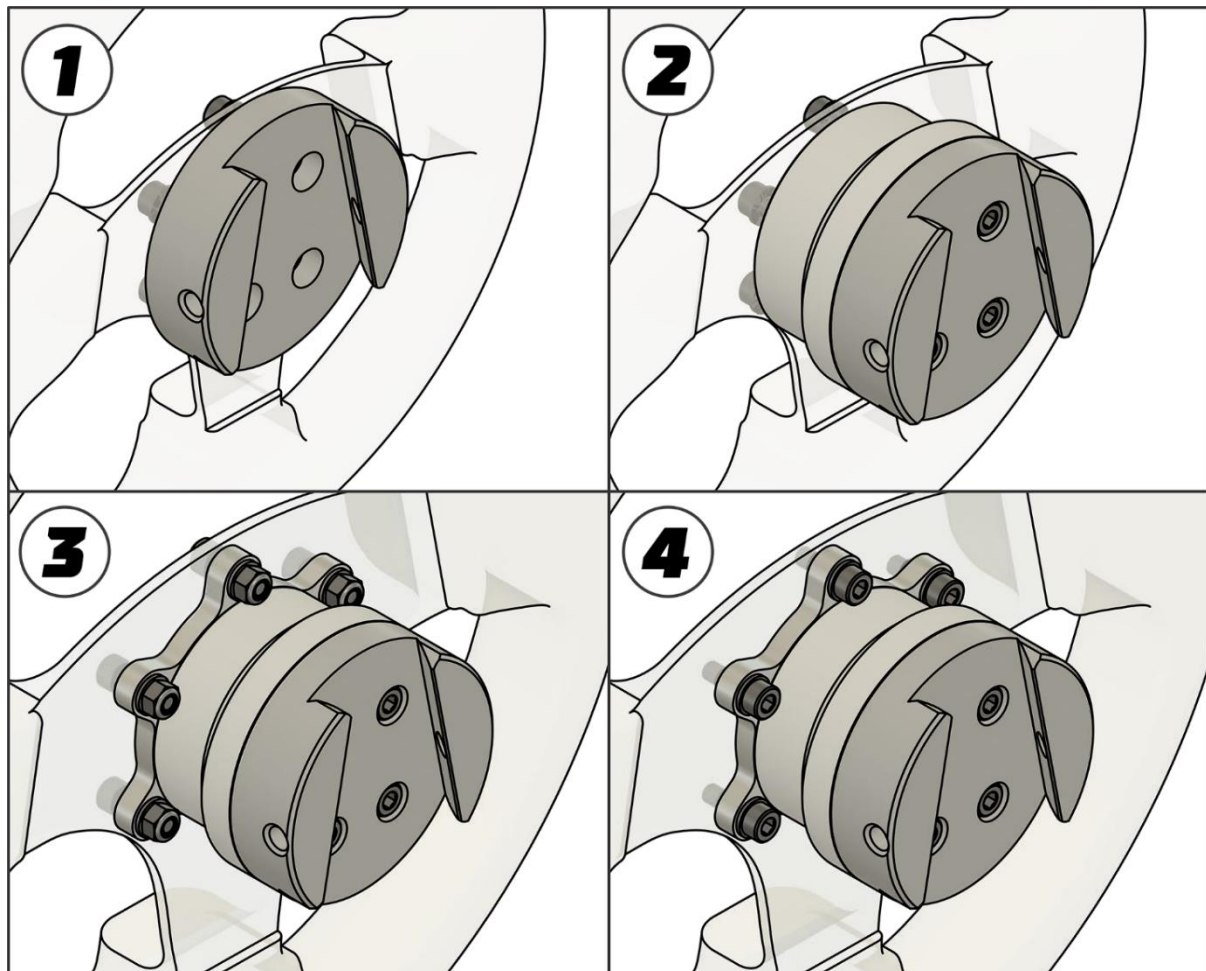
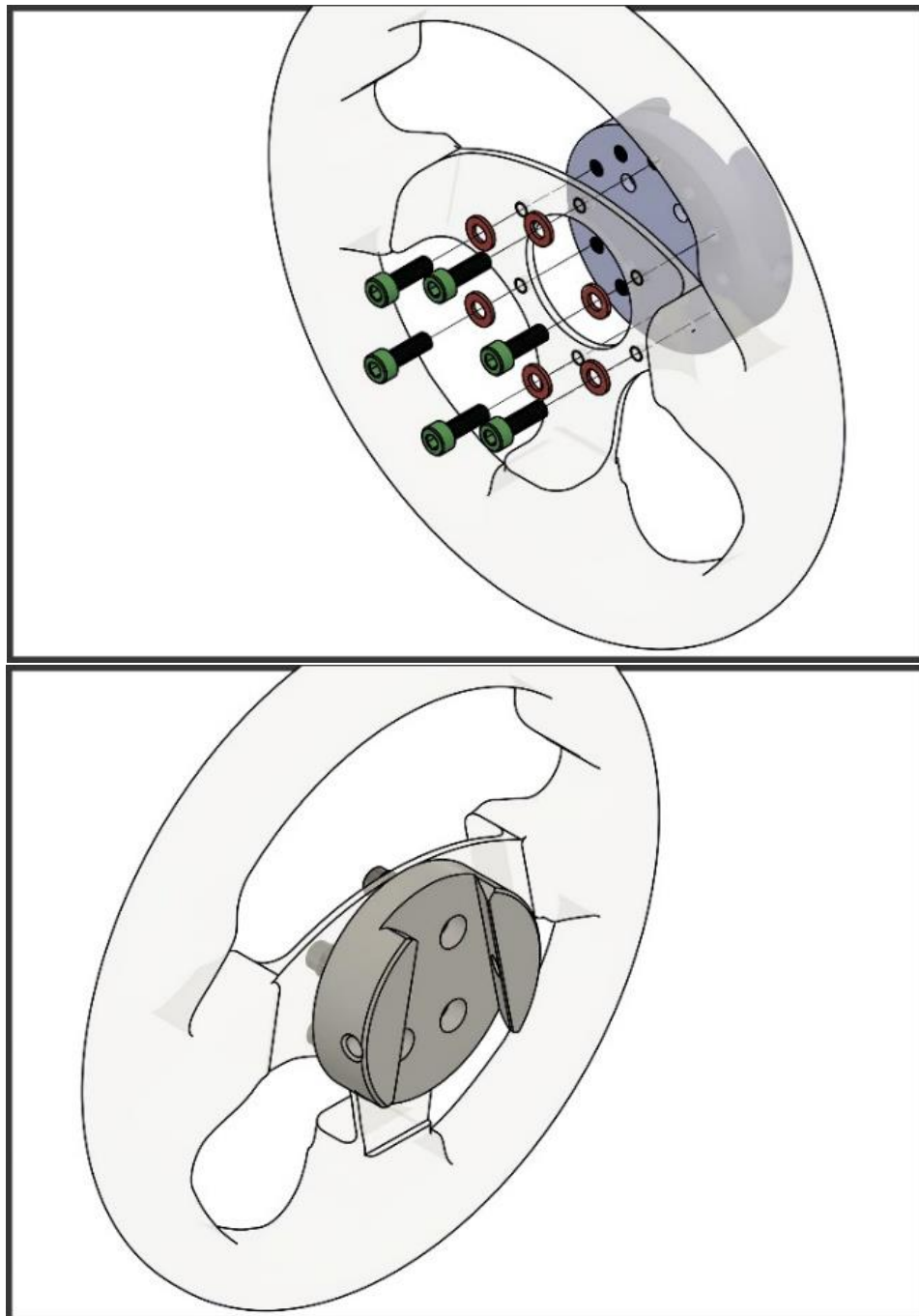


Figure 7 SQR assembly options

The included wheel side SQR (Simucube Quick Release) system can be assembled in multiple configurations to best suit your wheel and button box combination.

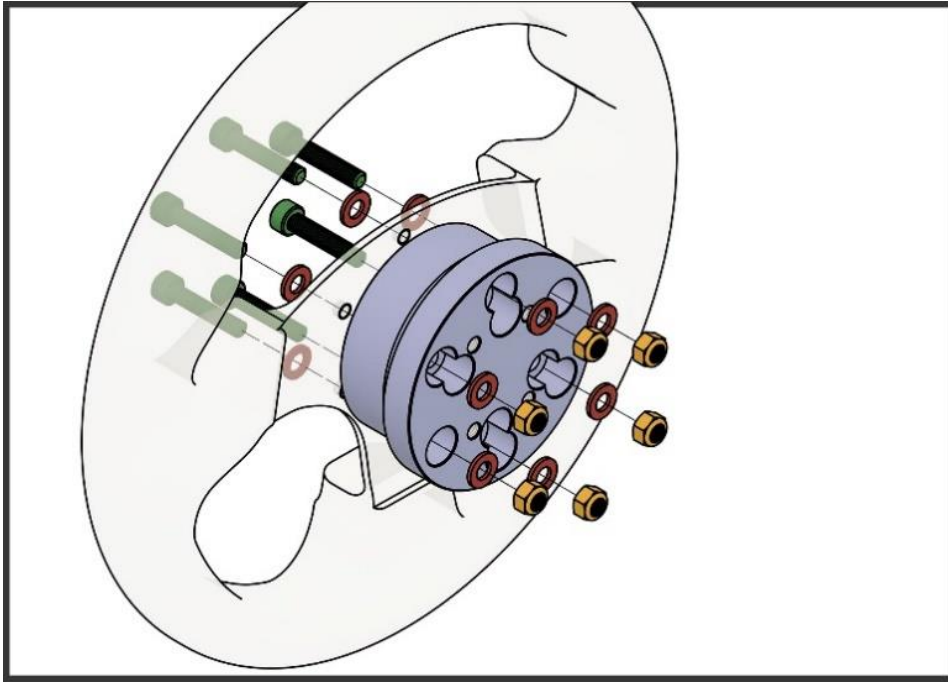
Standard configurations (Figure 7) include (1) 50.8 mm PCD (pitch circle diameter) front mounting without the spacer, (2) 50.8 mm PCD front and back mounting with the spacer and (3+4) 70 mm PCD front and back mounting.

SQR – 50.8 mm PCD front mounting, no spacer

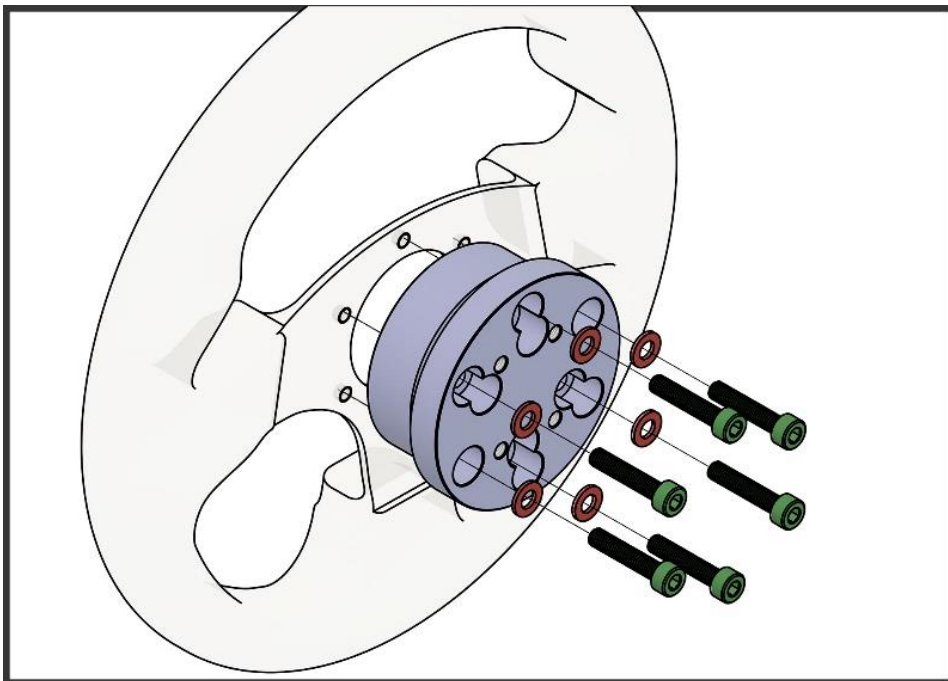


It is possible to use the SQR without a spacer, but the use of the spacer is recommended as it gives the user more space to use the locking pin. To attach the wheel side plate to your wheel, use suitable M5 screws and washers (3 or 6 screws depending on your wheel type) from the included ones or use your own if suitable length is not found. In case you have a need to find longer/shorter screws, the correct screw thread type is M5 size with 0.8 mm pitch.

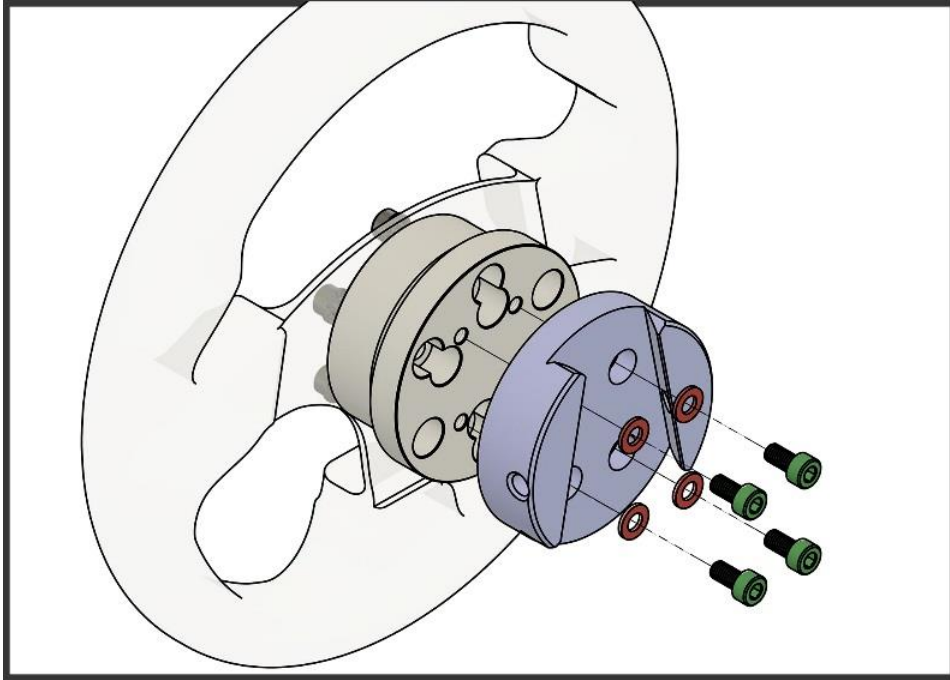
SQR – 50.8 mm PCD front and rear mounting, with spacer



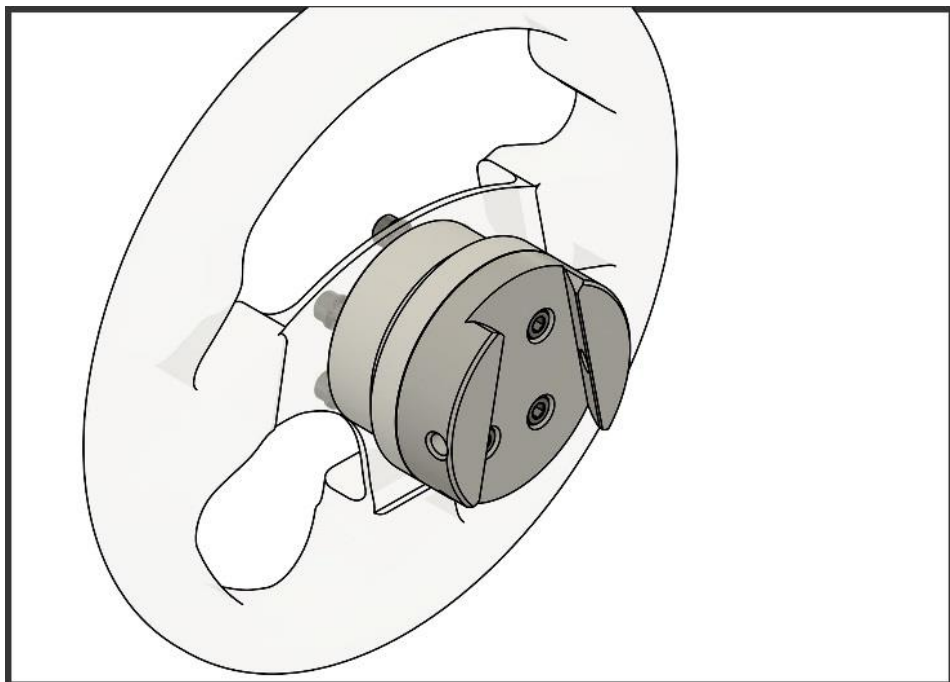
To front-mount your wheel, you will need 3 or 6 M5 screws with a length depending on your wheel and button box thickness, 2 washers per screw and 1 locking nut per screw. Align the four middle threaded holes as in the image and attach the screws in the order as illustrated.



To rear-mount your wheel (if you have threads in the rear of your wheel/button box), you will need 3 or 6 M5 screws with a length depending on your wheel and button box thickness and 1 washer per screw. Align the four middle threaded holes as in the image and attach the screws in the order as illustrated.

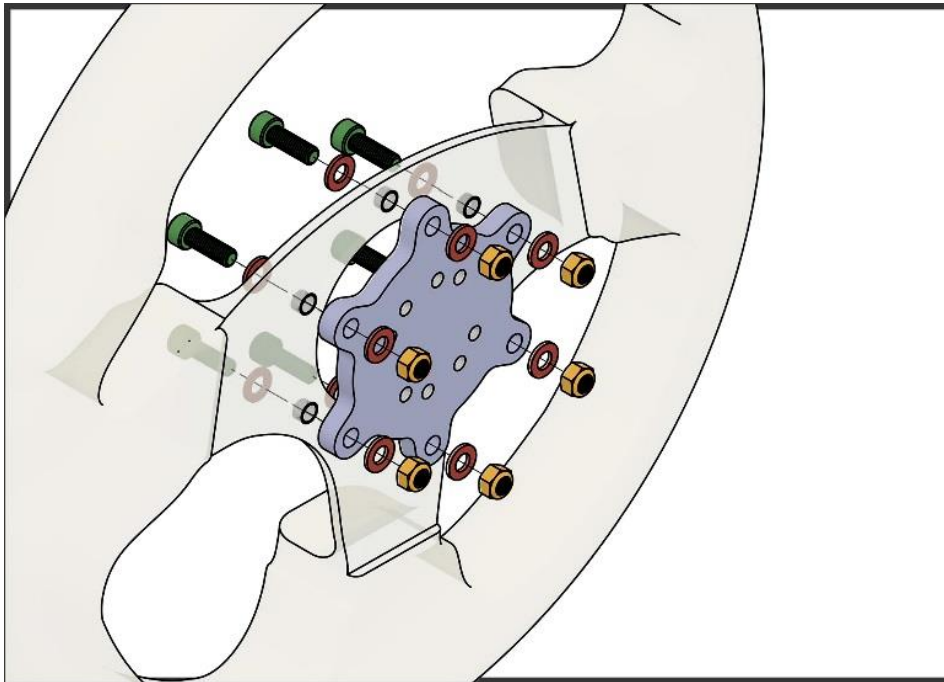


In both cases, use four of the included 10mm long M5 screws and 4 washers to attach the wheel side plate to the spacer as illustrated. Note: Do not use excessive torque to avoid damaging the threads in the SQR aluminum parts.

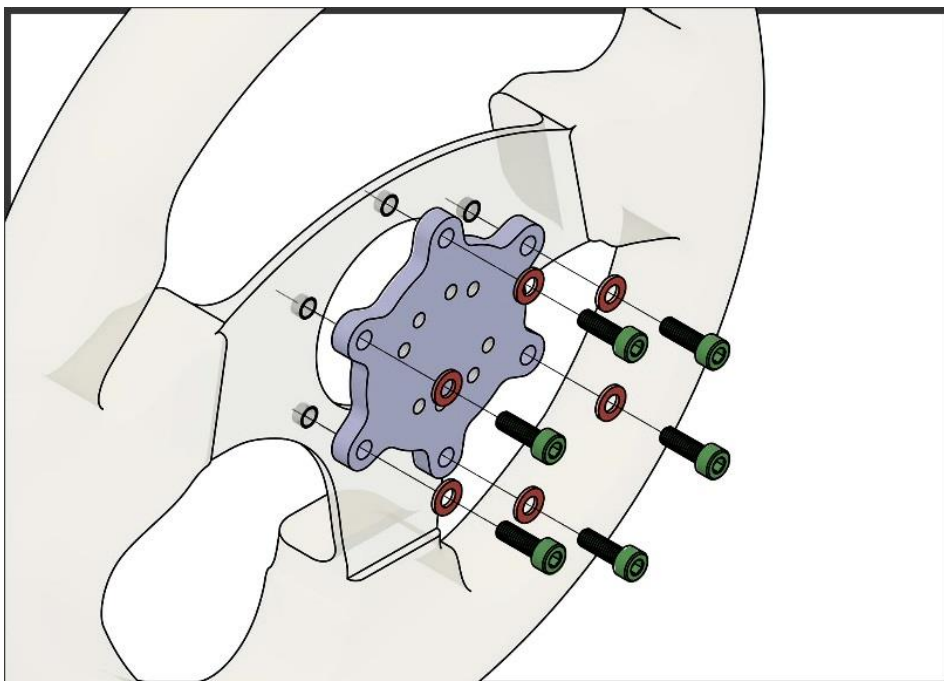


Completed SQR setup for 50.8 mm PCD wheel.

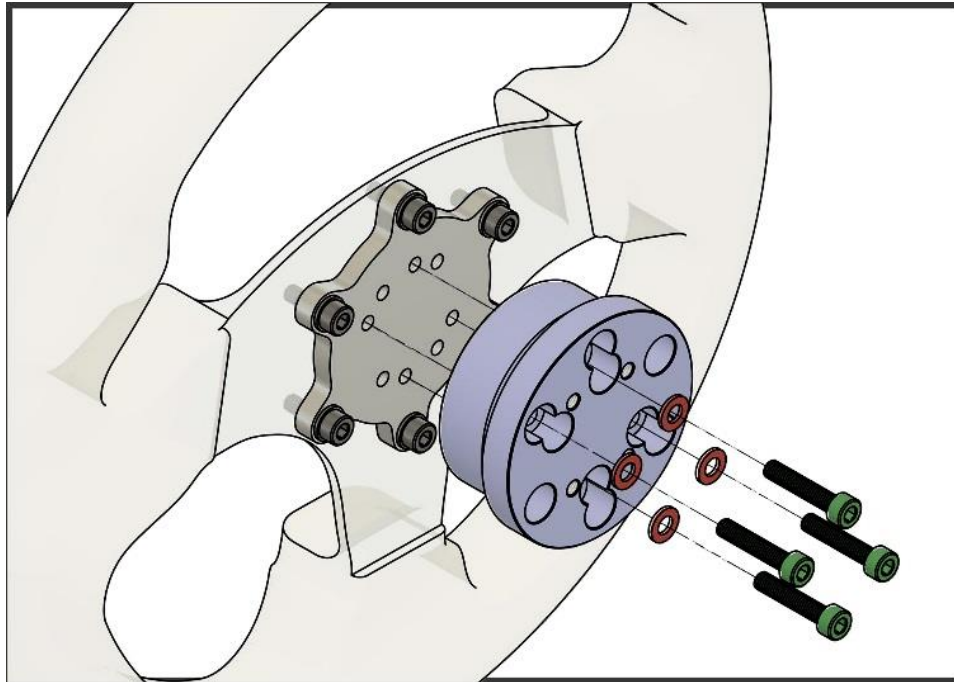
SQR – 70 mm PCD front and rear mounting, with spacer



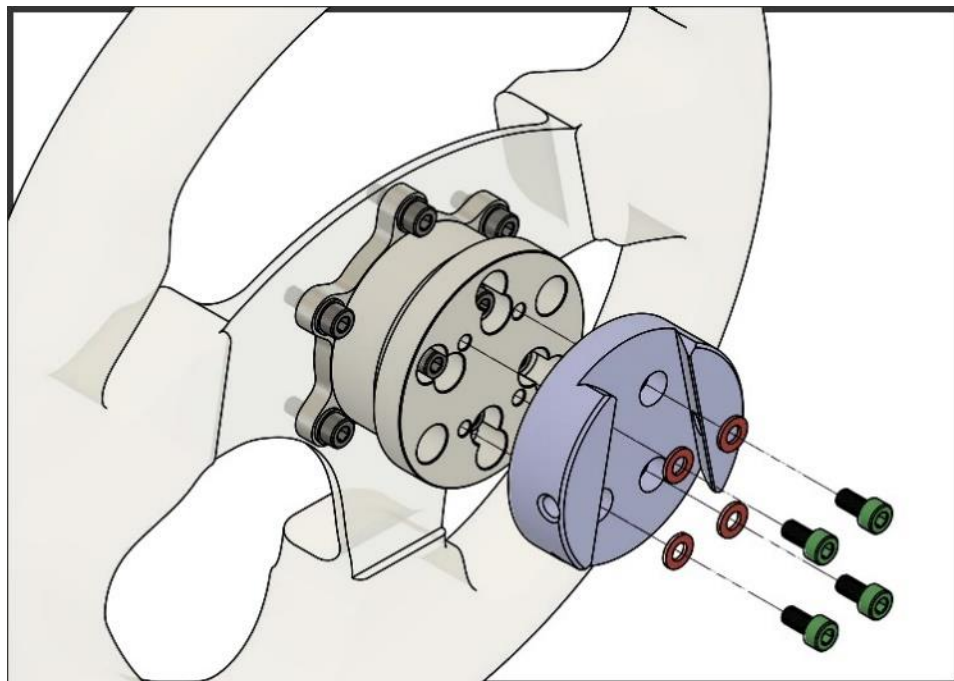
To front-mount your wheel, you need 6 M5 screws with a length depending on your wheel and button box thickness, 2 washers per screw and 1 locking nut per screw. Align the eight middle threaded holes as in the image and attach the screws in the order as illustrated.



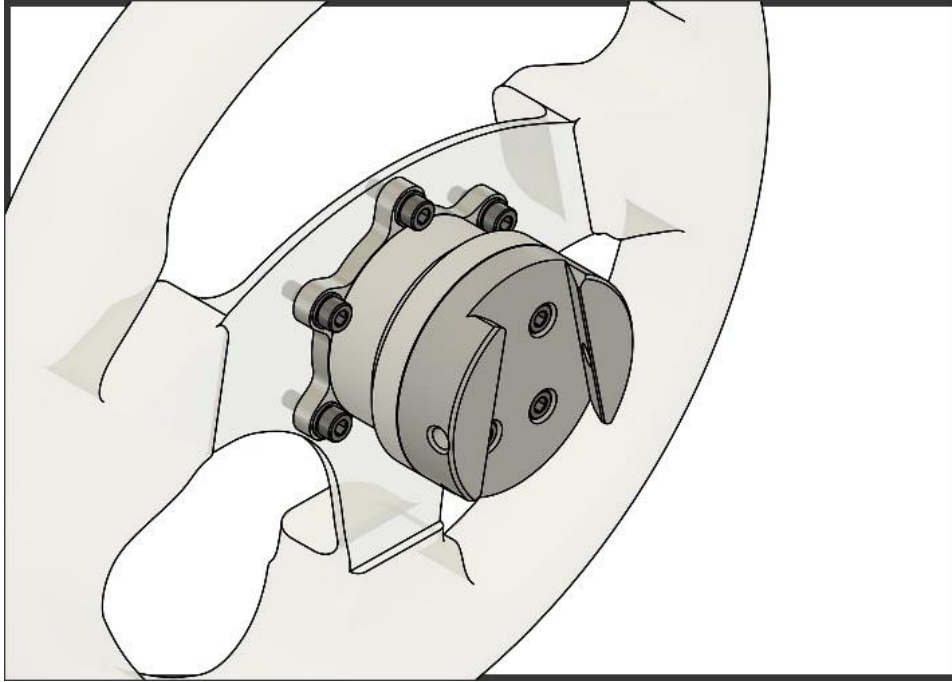
To rear-mount your wheel (if you have threads in the rear of your wheel/button box), you will need 6 M5 screws with a length depending on your wheel and button box thickness and 1 washer per screw. Align the eight middle threaded holes as in the image and attach the screws in the order as illustrated.



In both cases use four of the included 25 mm long M5 screws and 4 washers to attach the wheel side plate to the spacer as illustrated. Note: Do not use excessive torque to avoid damaging the threads in the SQR aluminum parts.



In both cases use four of the included 10 mm long M5 screws and 4 washers to attach the wheel side plate to the spacer as illustrated. Note: Do not use excessive torque to avoid damaging the threads in the SQR aluminum parts.



Completed SQR setup for 70 mm PCD wheel.

SQR – 70 mm PCD with no spacer

Due to the diameter of the wheel side SQR plate, use of the 70 mm adapter without the spacer is not possible with the included hardware.