



GT-Style Rings for Thrustmaster Wheels

Installation Instructions

Ver. 1.0

Thank you for your purchase and we hope you enjoy your new SimAbility GT-Style Ring System. Please do not hesitate to contact us at SimAbility@outlook.com if you have any questions, issues, or suggestions about this product.

The SimAbility GT Rings for Thrustmaster work on all Thrustmaster T300, TX, and T500 bases where the stock Thrustmaster threaded adapter can be removed from the Thrustmaster wheel rim.



Step 1: Remove the three 2.5mm socket head screws as shown.

2.5mm hex L-key wrench included



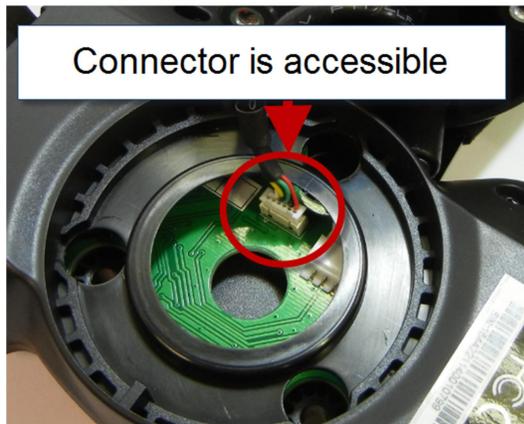
Info: These three screws retain the stock Thrustmaster threaded adapter to the wheel. The other three screws should not be removed as they hold the circuit board to the wheel.



Step 2: Carefully pull the threaded adapter from the wheel rim to reveal the circuit board and 6-pin wire connector.

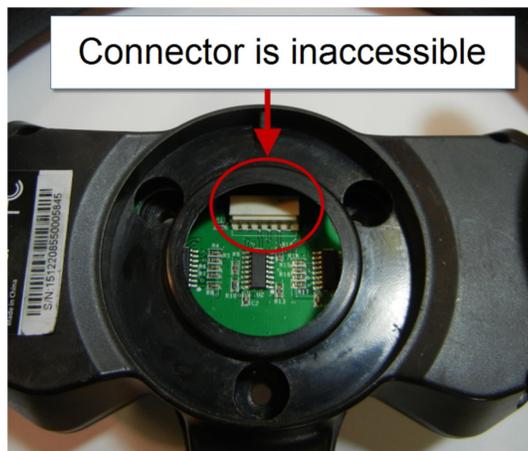


If your connector looks like the one shown below, then please carefully unplug it.



- VG Ferrari 599xx EVO (Alcantara)
- VG TM Leather 28 GT
- Ferrari GTE F 458

If your connector looks like the one shown below, then you will need to unplug it after we remove the wheels back cover in the next steps.

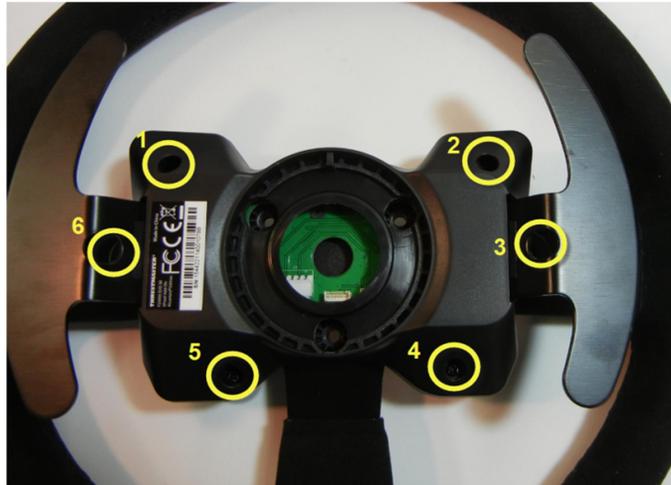


- PlayStation Wheel

Step 3: Remove the six screws holding the back housing on.

Step 4: Remove the back housing and turn it over to access the paddle shifters.

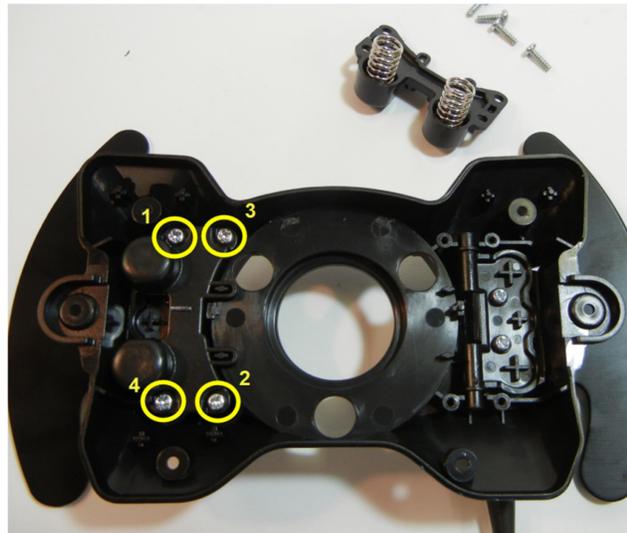
PlayStation Rim Users: Now is when you can unplug the 6-pin circuit board connector.



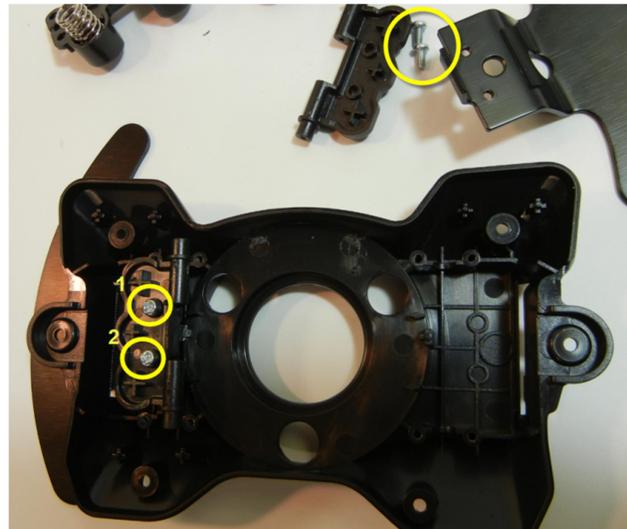
Step 5: Remove the four screws from each of the two paddle shifter spring retainer housings.

Note: The housing has a slight spring load so it's best practice to remove the screws in a diagonal pattern and/or hold the housing down while removing the screws.

Step 6: Set the screws, housing, and springs aside.

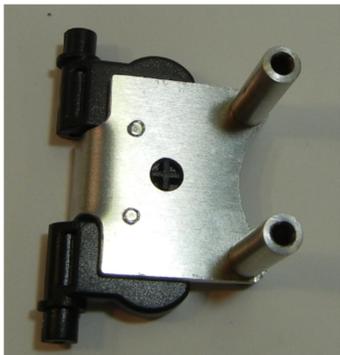


Step 7: Remove the two screws from each of the two paddle shifter rocker assemblies and remove the stock paddles.



Step 8: Place one of the Simability paddle shifter adapters into the back housing, aluminum spacers facing away from you, and then lower the stock Thrustmaster paddle rocker assembly onto the Simability paddle shifter adapter.

Here's what it looks like outside of the wheel.



Use caution to ensure the paddle shift adapters are flat before tightening the screws.

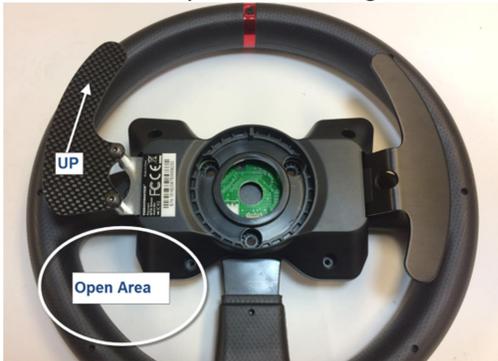


Step 9: Reinstall the two Thrustmaster screws through the Thrustmaster paddle shifter rocker and into the Simability paddle shifter adapter.

Step 10: Reinstall the springs, spring retainer housing, and four screws.

Step 11: Repeat for the other side.

Tip: Ensure you have the first paddle oriented correctly before moving on.



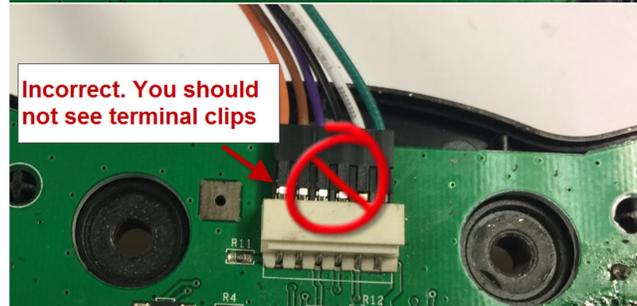
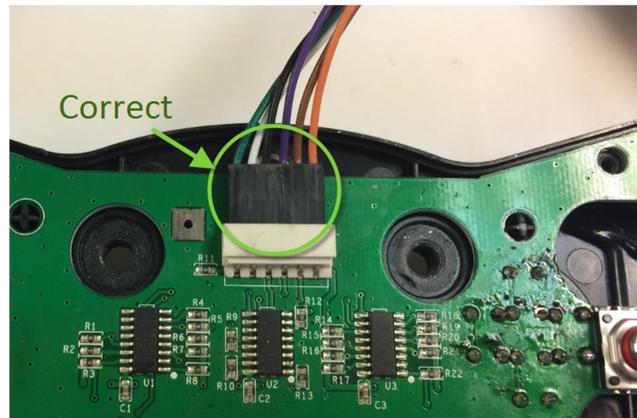
PlayStation Wheel Users



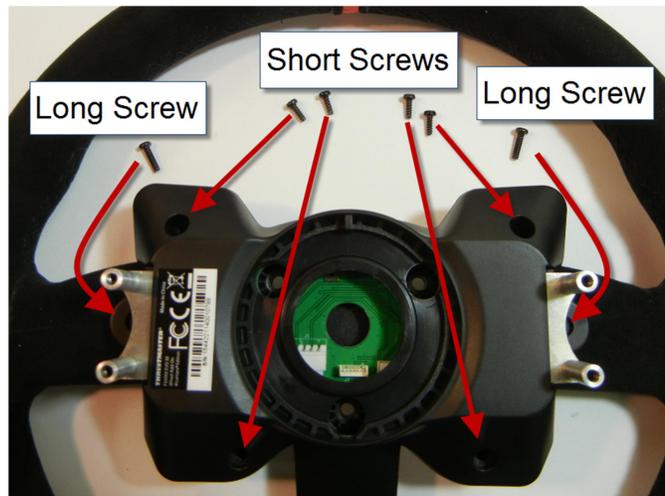
You will need to install the wire extension cable now before putting the housing back on.

Simply plug the female end of the cable into the socket on the wheel's circuit board. Install so that the terminal clips are down as shown.

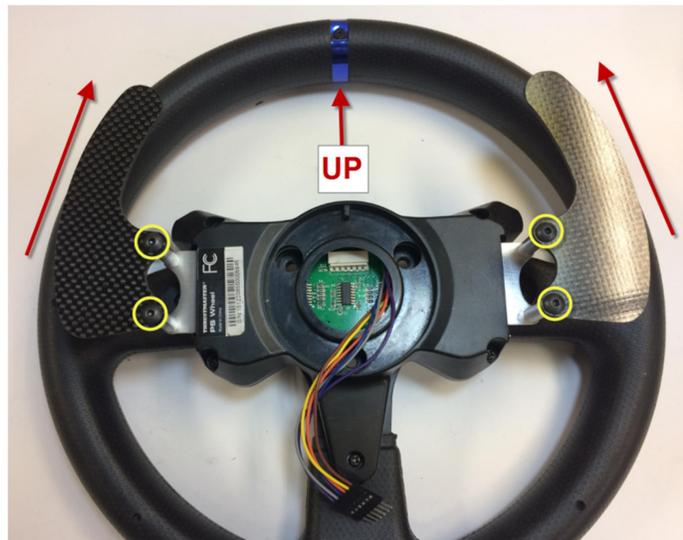
It will work either way, but to help ensure we orientate the connector correctly in the next steps, please install as shown.



Step 12: Reinstall the back housing and six screws.



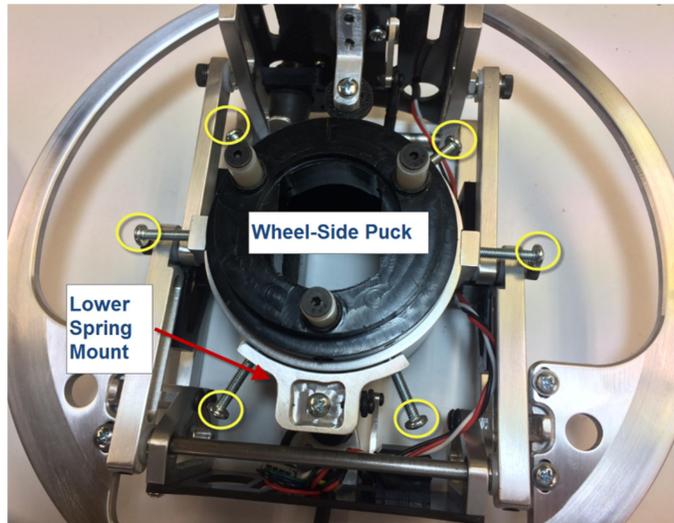
Step 13: Install the shifter paddles so that the extended portion of the paddles are facing upward.



Step 14: Remove the front (wheel-side) puck from the can housing assembly by removing the 6 screws shown here.

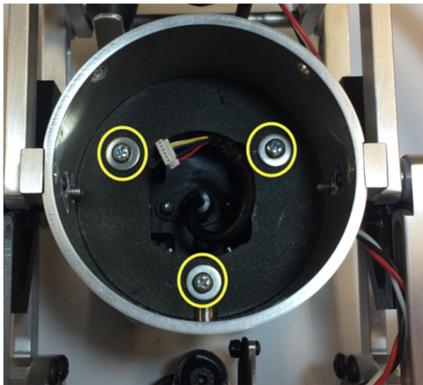
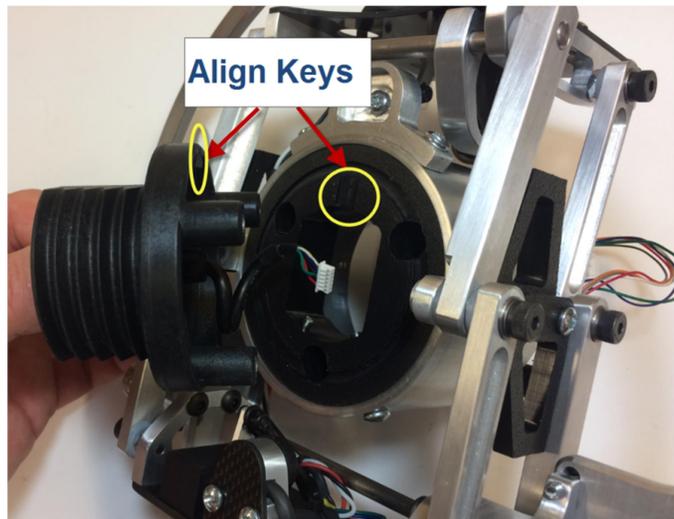
Set the lower spring and spring mount aside.

You can leave the lower spring assembly attached to the sensor arm, but be careful not to bend the arm during installation.



Step 15: Install the Thrustmaster Threaded adapter onto the back (base-side) puck. Be sure to align the key and keyway.

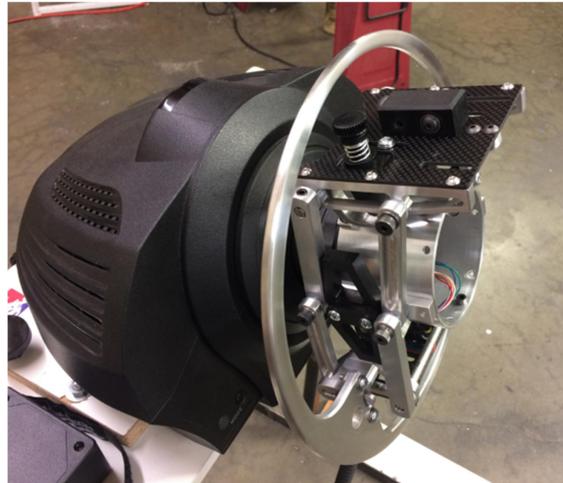
Then install and tighten the 3 M4 screws and washers.



The threaded adapter should lightly press into the back of the base-side puck.

Step 15: Install the hand control unit onto the base following Thrustmaster's instructions.

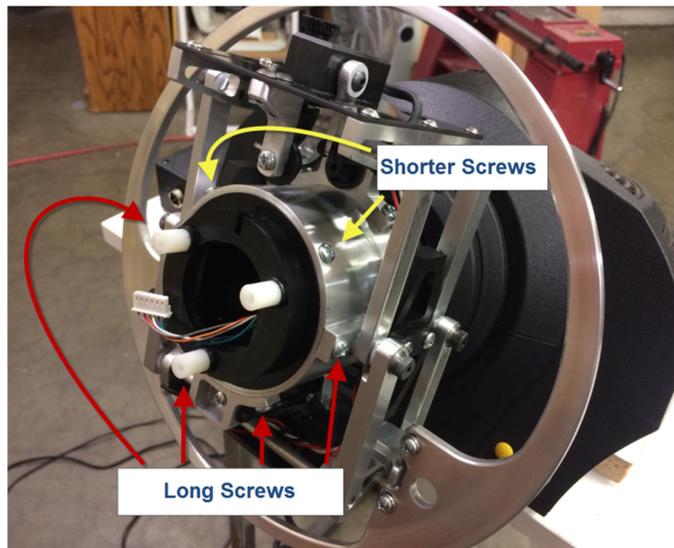
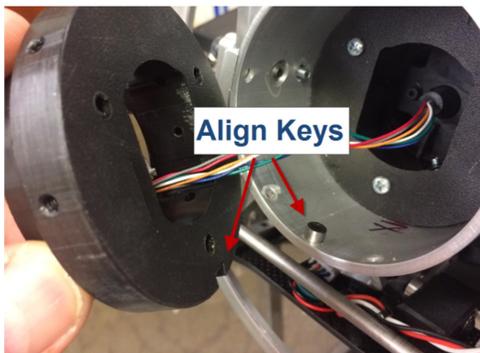
Note: This is not required now, but it generally makes the wheel easier to assemble.



Step 16: Re-install the front puck, 6 screws, lower spring mount, and lower spring.

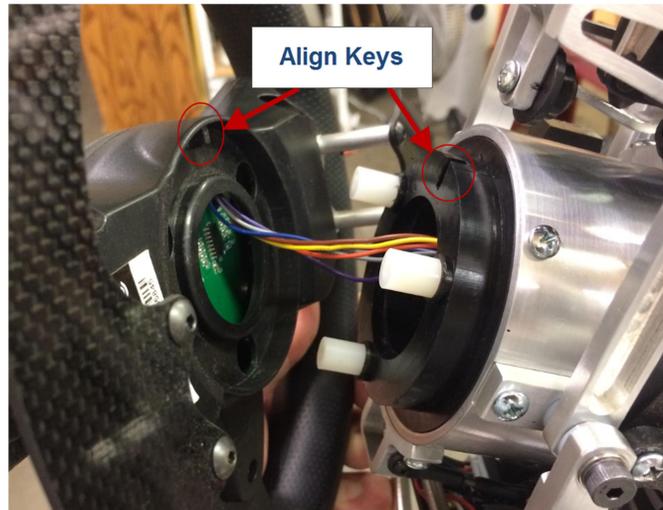
Pull the wire assembly through the center of the puck if needed. Different wheels have different wire lengths so this step varies.

Be sure to align the keyway in the puck with the pin inside the can assembly.



Step 17: Connect the Thrustmaster wire to the wheel rim and place the wheel onto the three pins.

CAUTION: Be careful not to get the wire caught between the pins and the wheel rim.

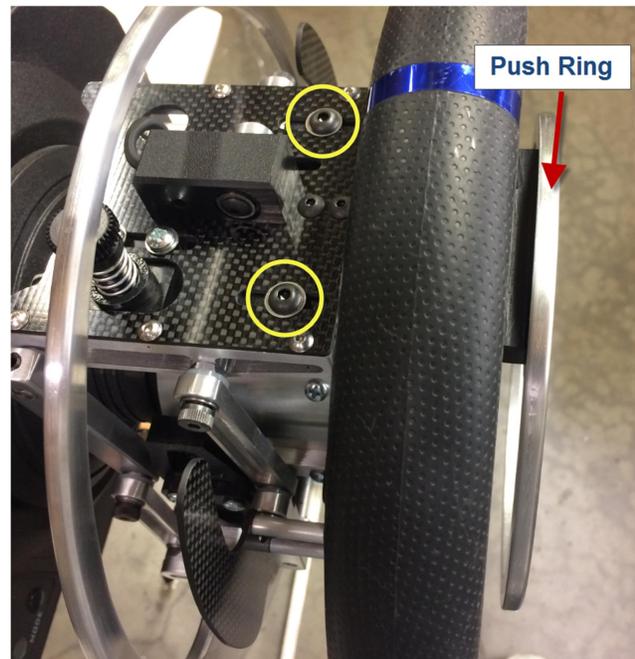


Step 18: Install and tighten the three #8 x 2" (50.8mm) hex screws.

Again, be careful you do not have wires pinched between the wheel and white pins before you tighten the screws.

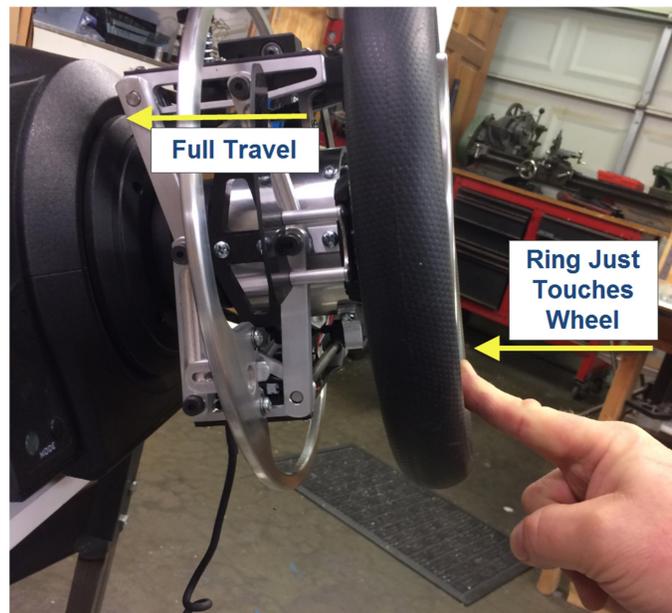


Step 19: Install the push ring and two screws and washers



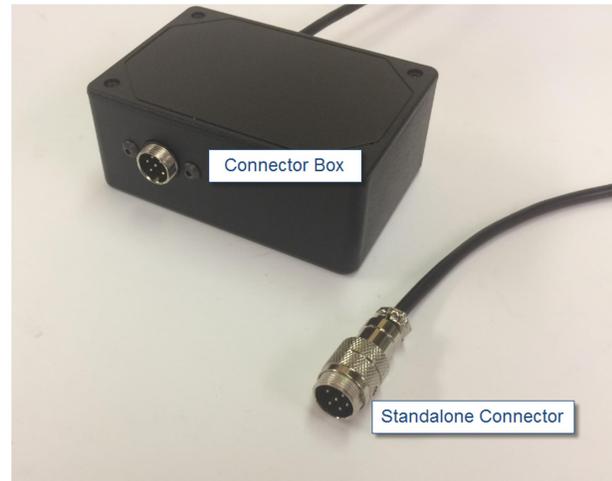
Step 20: Adjust the front ring so that you get full, or close to full, travel when pressing the bottom of the ring.

Because the ring must be mounted so high to clear the wheel rim, it will flex when pressing the bottom of the ring. Especially if you are using the conical brake rubber for extra tension. This is just something to be aware of and not an issue under normal driving because: A) You would not normally use 100% brake, B) You would not normally push on the very bottom of the ring.



Step 19: Connect your wheel to the Thrustmaster base via the “quick” disconnect as you normally would.

Step 20: Connect the 6-pin plug from your paddles to either the 6-pin stand alone connector, or the optional connector box.



Step 21: Connect the clear RJ-11 style clip connector to your Thrustmaster base where the stock Thrustmaster pedals would normally plug in.

Note: If you’re using the optional connector box with a DSD or Bondar 12-bit controller then connect the controller board to USB instead.



Step 22: Turn the wheel on and go driving!

Please reference Thrustmaster’s instructions for driver installation and calibration. Same goes for in-game calibrations. Your SimAbility paddles will emulate Thrustmaster pedals and should be calibrated the same.