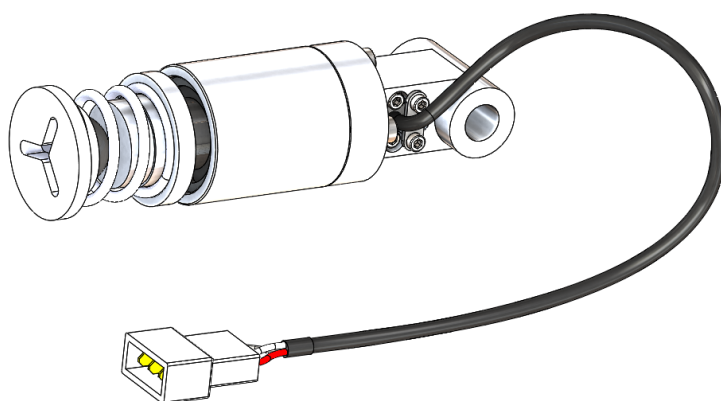


Installation Manual



TRUEBRAKE

**For Logitech G25, G27, G29,
G920 & G923 Pedals**

Introduction

We recommend you read these instructions in full before starting to install TrueBrake.*

Make sure you have all the correct tools before starting.

Take notes and/or photos during disassembly that you can refer to when re-assembling the pedals.

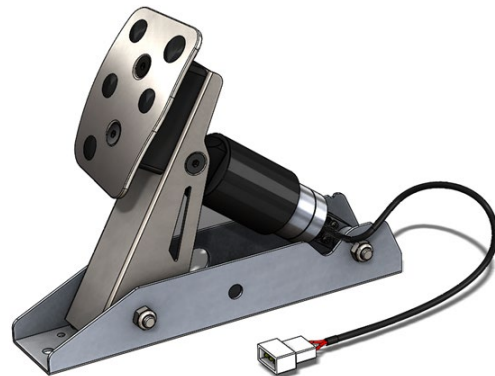
Do not over-tighten screws as you can strip the threads.

If you are under 18 years old seek the help of a responsible and competent adult.

If you need any assistance please contact us at drive@axc-sim.com or contact us via our website at www.axc-sim.com.



Logitech G29 / G920 Pedals



Logitech Brake Pedal Unit with TrueBrake installed

Tools required:

- 2.5mm and 5mm allen hex keys
- No.1 and No.2 Phillips screwdrivers
- 10mm spanner or adjustable wrench
- Long Nose Pliers

Step 1 – Remove foot pad

Take out the 2 hex screws on the brake pedal foot pad.

Remove the foot pad from the brake pedal.

The clutch and accelerator foot pads can remain in place.



Step 2 – Support the pedal assembly

Use a suitable cardboard box to support the main pedal assembly whilst working on the underside of the unit. Missing this step out makes it much more difficult to work on the inside of the pedal assembly.

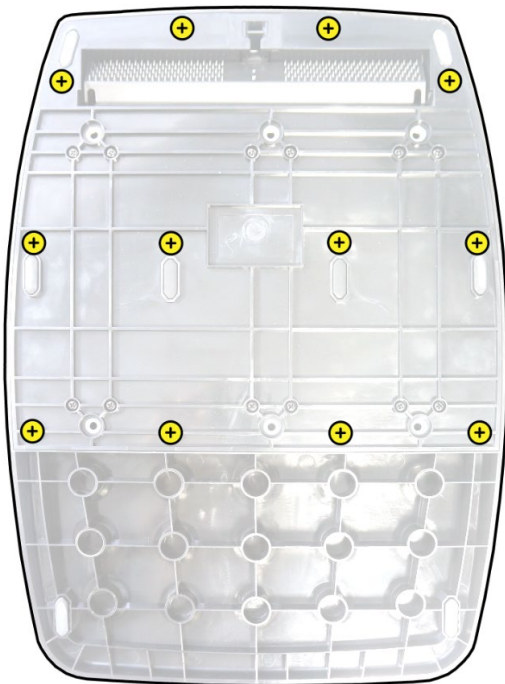


Step 3 – Remove bottom cover

Use a Phillips No.1 screwdriver to remove the 2 small screws that are under the carpet gripper. The positions are shown in the diagram opposite.



Use a Phillips No.1 screwdriver to remove the 12 small screws shown opposite.



Use a Phillips No.2 screwdriver to remove the 12 large screws shown opposite.



Once all the screws are removed and safely put to one side then you can remove the bottom cover to gain access to the inside.



Take note of how the wiring loom is arranged and attached to the plastic moulding.



Step 4 – Remove brake pedal unit

Use a No.2 Phillips screwdriver to remove the screw that secures the black ground wire to the brake pedal metal base.

Be careful not to damage the wires.



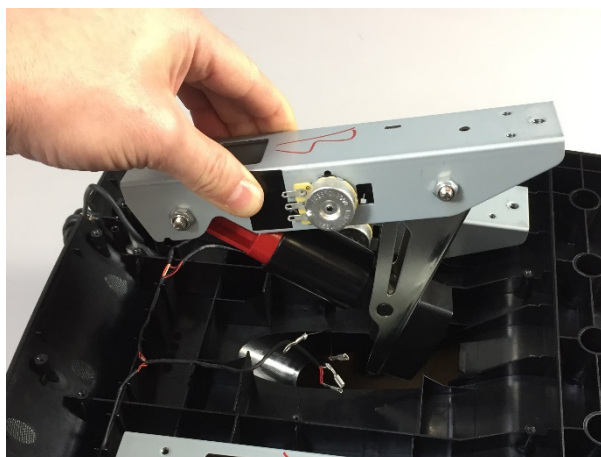
Use your thin nosed pliers to disconnect the spade connectors from the potentiometer.

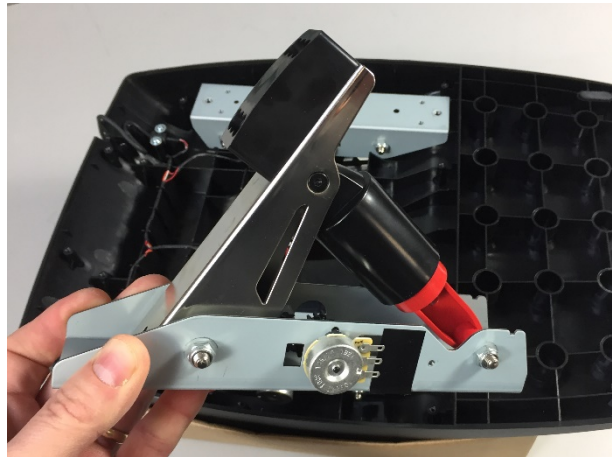
Be careful so you do not damage the wires.

(You might want to make a note of where the wires go in case you want to revert to the original setup.)



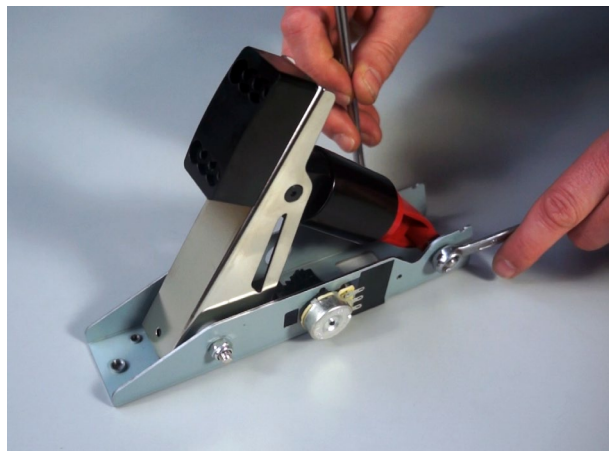
You can now remove the brake pedal unit from the main assembly.





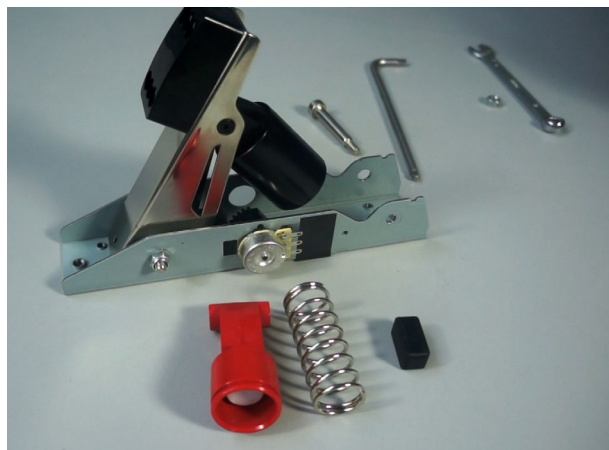
Step 5 – Remove lower spring housing

Remove the nut and bolt that secures the lower spring housing.



Remove the lower spring housing along with the spring and rubber bung.

Put the spring housing, spring and rubber bung somewhere safe so you can revert your pedals back to stock if required.



Step 6 – Prepare Upper Spring Housing

The G29, G920, and G923 have a white plastic part that must be removed.

Note that the G25 and G27 pedals do not have this part and you can proceed to step 7.



Gently remove the part with a long screwdriver...



...so it looks like this.

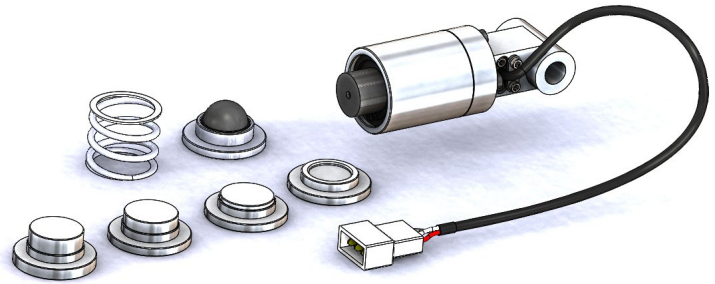
Store the white part away in case you want to revert your pedals back to stock.



Step 7 - Install TrueBrake

TrueBrake consists of three parts:

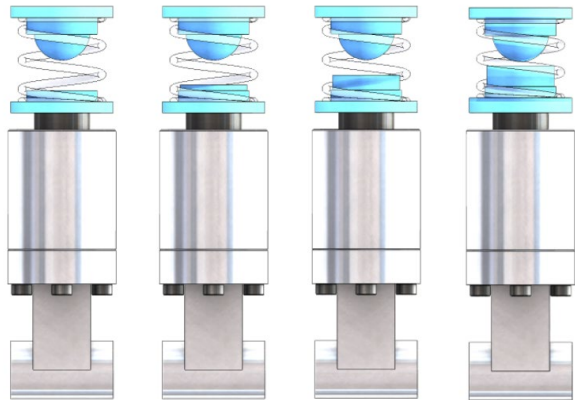
- TrueBrake Unit
- Buffer
- Buffer Load Plate (4 sizes)
- Pedal Return Spring



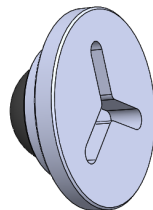
There are four sizes of buffer load plates supplied with TrueBrake.

The different sizes determine the amount of pedal movement before the pedal engages with the polyurethane buffer.

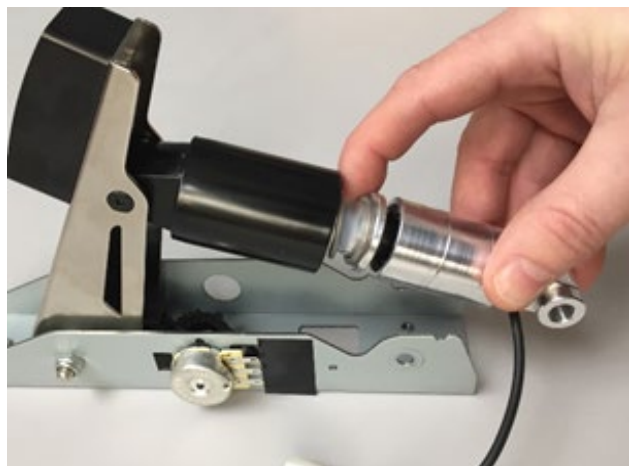
Choose the size you prefer.

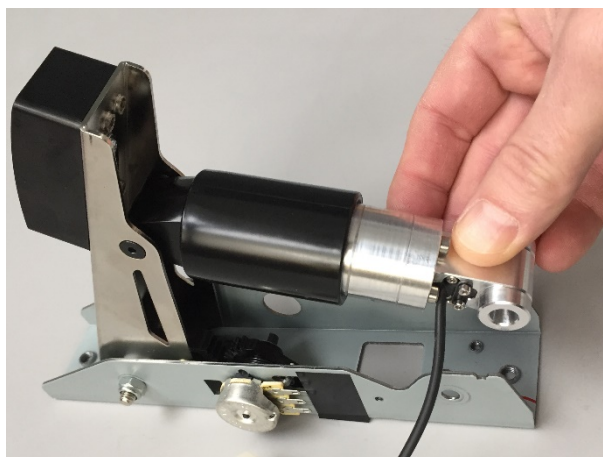


Insert the buffer into the upper spring housing. The “Y” shaped cut out should line up with the inside of the housing.

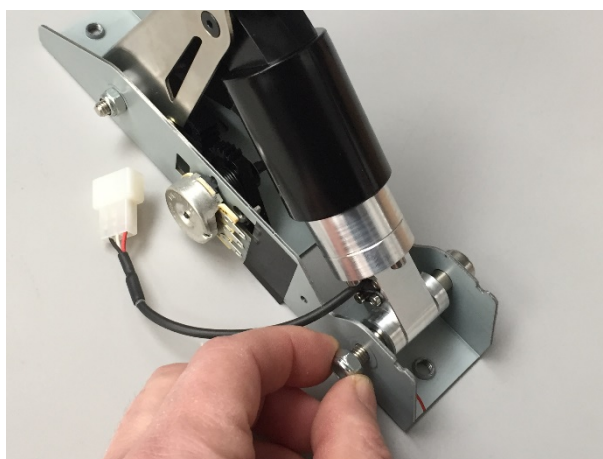


Insert the spring, buffer load plate and TrueBrake Unit into the upper spring housing.

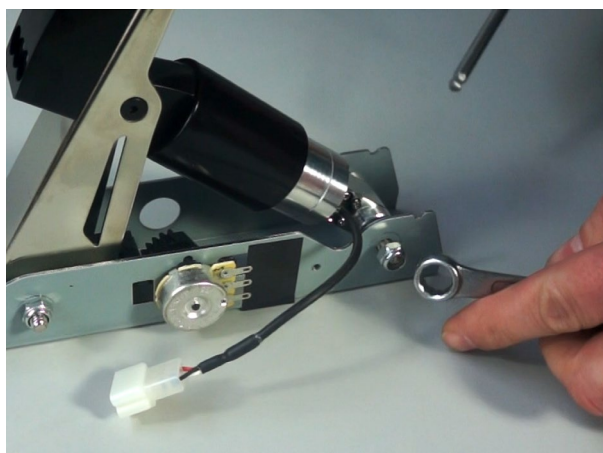




Re-insert the lower bolt to secure the True Brake in place.

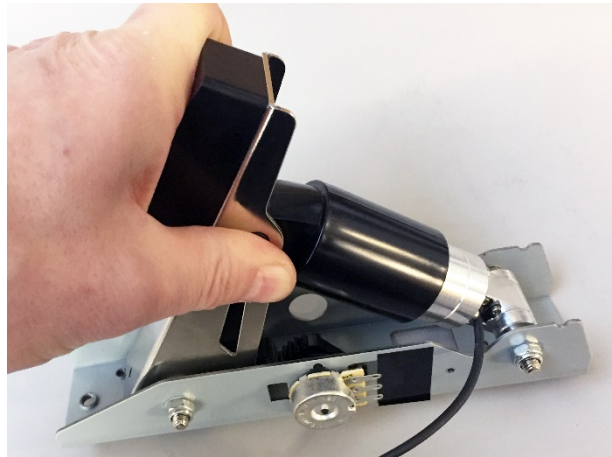


Tighten up the nut and bolt.

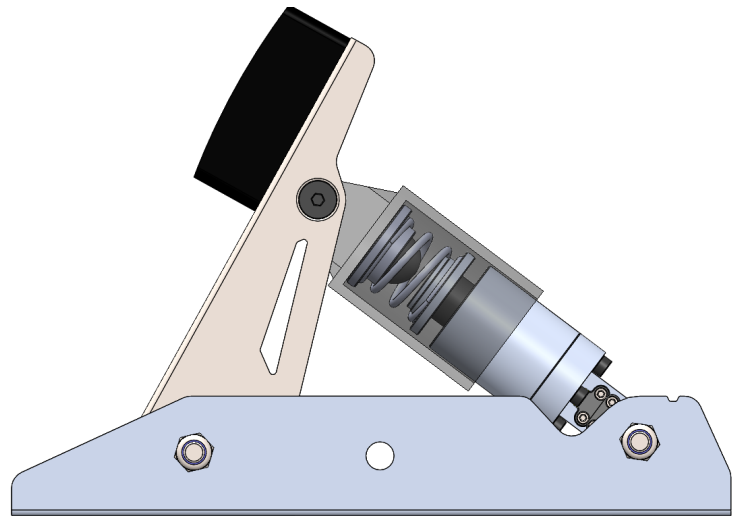


Now is a good time to check the feel of the pedal.

It is easier to change your mind now about which buffer load plate size to use!



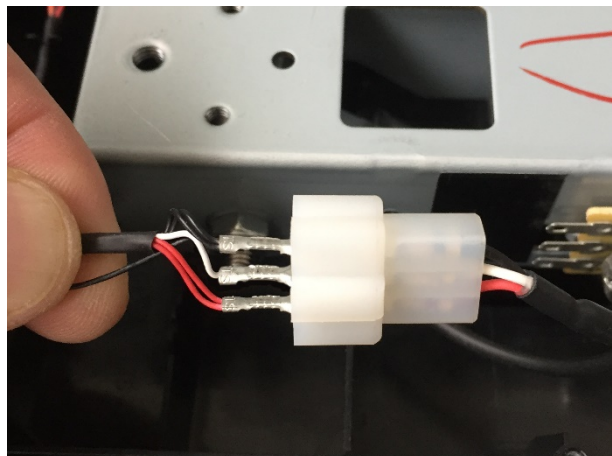
The inside of your brake pedal should now look like this cutaway picture.



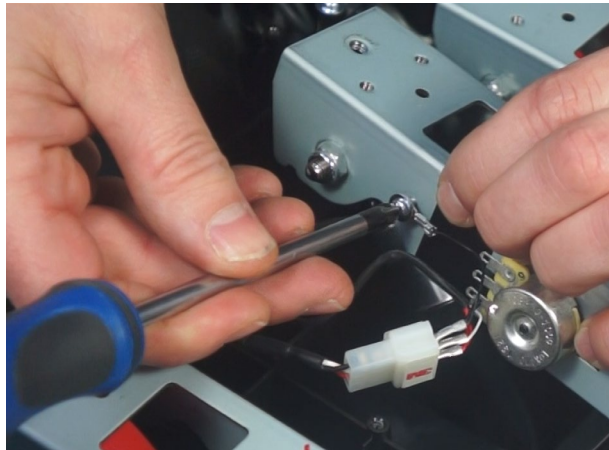
Step 8 – Re-install Brake Pedal Unit

Place the brake pedal unit back in the main pedal assembly.

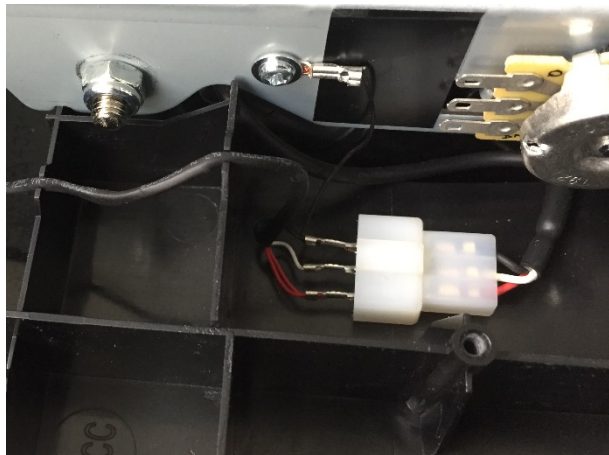
Connect the red, white and black wires to the matching wires in the TrueBrake connector.



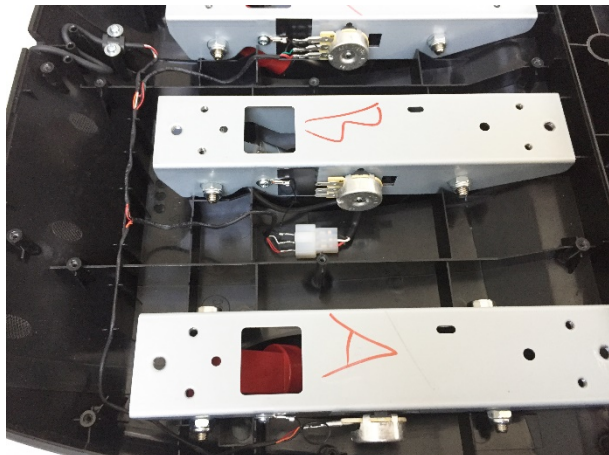
Re-attach the black ground wire with the Phillips #2 screw.



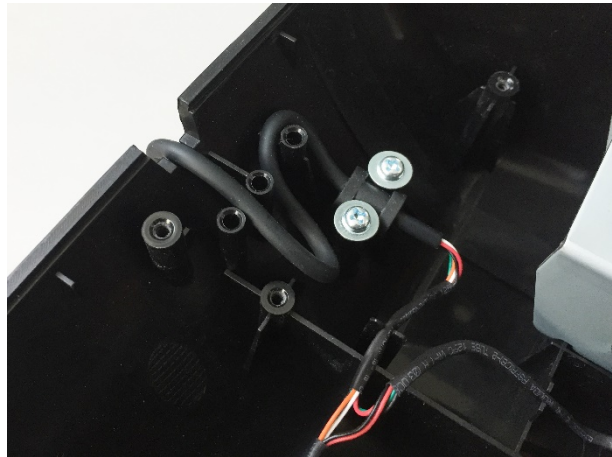
Use the double-sided adhesive tape to attach the connector to the black plastic moulding.



Make sure all the cables are neatly clipped into place.



Make sure the cable is properly seated as it exits the main pedal assembly.



Step 9 – Replace Bottom Cover

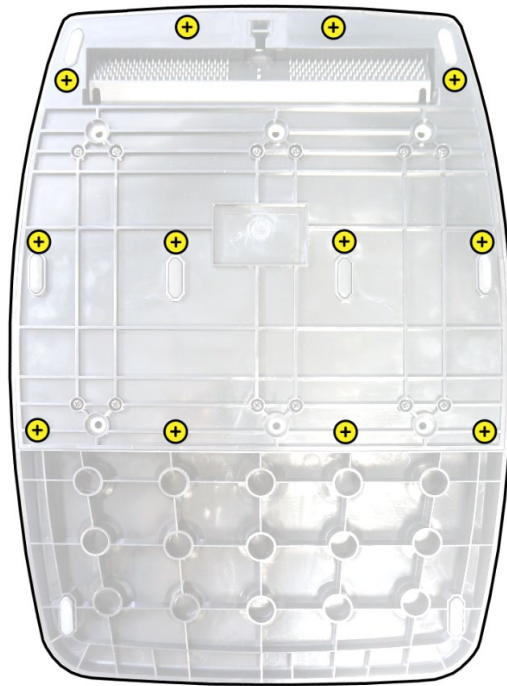
Replace the bottom cover.



Replace the 2x Phillips No.1 screws under the carpet gripper, as shown opposite.



Replace the 12x Phillips No.1 screws shown opposite.



Replace the 12x Phillips No.2 screws shown opposite.



Step 10 – Replace Brake Pedal Foot Pad



Finished!

Some PS4 and Xbox games may need to be recalibrated in the games. There are no calibration settings on the consoles themselves.

If you're using your Wheel and Pedals with a PC then you will need to recalibrate the pedals in the Windows Control Panel.

If you are using the Pedals with a Leo Bodnar cable on a PC then download the calibration software from their website.



If you need assistance, then please don't hesitate to get in touch.

Have Fun!!