

You can replace this gate; 3 models are available: **7-speed (the default model), 6-speed, and 5-speed.**

File list:

- 5 Speed Top Plate - 2mm Thickness
- 6 Speed Top Plate - 2mm Thickness
- 7 Speed Top Plate - 2mm Thickness

You can replace this knob; **three models are available** in the `/Knobs` folder:

- Long Round Gear Shift Knob
- Round Gear Shift Knob
- Square Gear Shift Knob

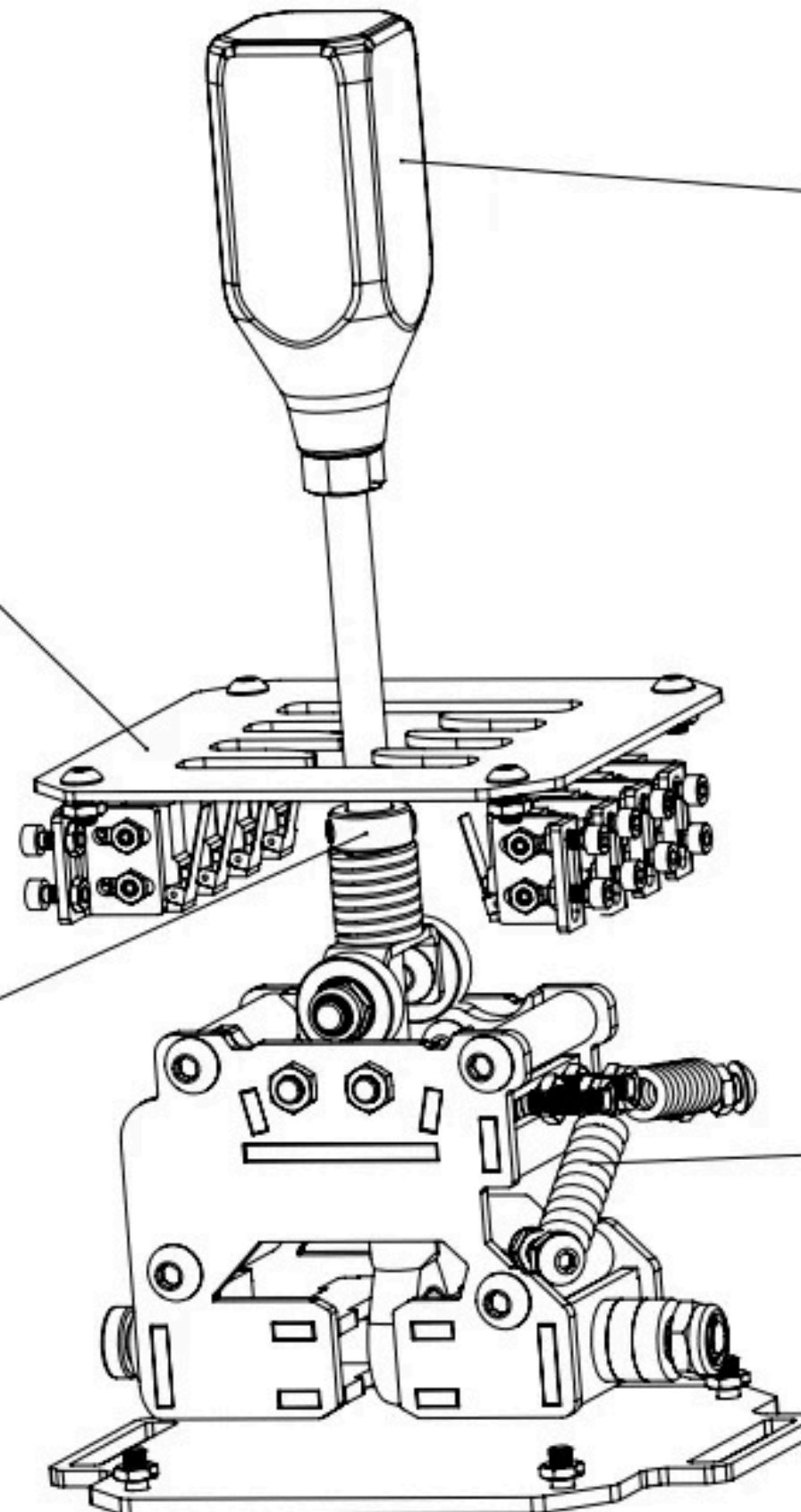
You can also purchase them from **online stores**; a list of knobs is available in the **Bill of Materials**. You simply need a knob that screws onto this M8 screw.

This is where you adjust the stiffness of your shifter by setting the spring compression against the **ball bearings**.

The further down you tighten this **drill bit stop collar**, the stiffer the lever will be; the higher you move it, the less stiff the lever will be.

You will use these two tension springs to adjust the lever's return to the neutral position. These springs must be attached to the part labeled "**X Mobile Part Spring Fixing - 3mm Thickness**" and the container corner brackets ("**Corner Fixing - 2mm Thickness**" - quantity: 4).

Thanks to the slotted holes, you can adjust the tension as you see fit; you can use various types of **tension springs**, or even **rubber bands**.



The microswitches are mounted on brackets (**Microswitches Support - 2mm Thickness - Quantity 8**) with slotted holes.

This allows you to **adjust their X and Y positions** to fine-tune the **limit setting described above**, as well as ensure the lever properly triggers the microswitch "click."

This part (**X Mobile Part Stop - 3mm thickness - Quantity: 2**) can be used to adjust the forward/backward travel of your lever.

You need to pair it with the 3D-printed **TPU - 1.5mm thickness noise-absorbing stop - Quantity: 2** part.

If you print it using **TPU 95A**, you get a noise absorber in addition to the ability to adjust the stop position.

Several thickness options are available: **2.5mm, 3.5mm, and 4.5mm.**

The TPU part is attached to the stainless steel part via two holes using simple pliers or a vise.

This part (supplied in a set of two) controls the **feel and resistance** of your gear shifter.

Three models are available to suit every need:
Standard model:

- X Mobile Part Bearing Support - 5mm Thickness - Quantity 2

Two alternative models:

- X Mobile Part Medium Hardness Bearing Support - 5mm Thickness - Quantity 2
- X Mobile Part High Hardness Bearing Support - 5mm Thickness - Quantity 2

