

DIY 3D H PATTERN SHIFTER MANUAL

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3D PRINTED H SHIFTER – PARTS COMPATIBILITY

You can use other parts to build this **H Pattern Shifter** (apart from those listed in the required parts section), but you will need to check that they are compatible.

LEVER SPRING

- ØInside diameter: not below 8.5mm
- ØOutside diameter: not to exceed 18mm

SIDE TENSION SPRINGS

- ØWidth: 40mm and 45mm
- ØOutside diameter: not to exceed 8m

MATERIAL OF THE 3D PRINTED GEAR SHIFTER

3D PRINTING

As for the [Sim Racing Sequential Shifter](#), I recommend PLA or ABS. For the infill, I recommend a minimum of 20%. [Here are recommendations for printing 3D solid parts.](#)



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HOW TO GET THE REQUIRED MATERIALS

3D PRINTING

You can buy a 3D printer, or find a 3D printing service like [treatstock](#).

SCREWS

[Bolt depot](#), [Motedis](#) and [FixnVis](#).

TOLERANCES

3D Printing: 0.6mm