Where can you download 3D printable replacement parts?

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Published October 13, 2026 · Last verified October 13, 2026

Abstract. Official printable spares from Philips (seven files on Printables, October 2026), Framework and Miele, plus the five repositories where car and Dyson parts live.

Keywords: replacement-parts, home-repair

1 Where can you download 3D printable replacement parts?

From three places. A few manufacturers publish official files: Philips posts free combs and caps for its grooming products on Printables, Framework posts laptop CAD on GitHub, and Miele posts vacuum accessories on Thingiverse. Everything else, including car parts and Dyson parts, comes from model repositories such as Cults, GrabCAD, MakerWorld, Printables and Thingiverse.

1.1 The sources

Program details come from the Philips, Framework and Miele pages and the license shown on each Philips model. Repository terms come from GrabCAD's help center, the Bambu Lab blog and trade-press reports on Printables and Cults.

1.2 Why so few official files exist

Manufacturers sell spare parts, and a free file competes with that sale. Philips calls Fixables a pilot, run with Prusa Research and launched in the Czech Republic. It says it will keep selling original replacement parts alongside the files. Framework states its reason outright: its repositories publish the CAD (computer-aided design) files so people can build 3D-printed replacement parts, skins and cases.

Table 1. The sources

Source	What it has	License	Cost	Link
Philips Fixables (Philips, on Printables)	Combs for the Philips OneBlade and Philips hair clippers, and a shaver protective cap. Seven files on the Philips account on October 13, 2026	CC BY-NC-SA on the OneBlade 1 to 3 mm comb, CC BY-NC-ND on the rest	Free	Philips on Printables
Framework (Framework Computer, on GitHub)	External CAD of the Framework Laptop 13 and 16 for printed replacement parts, printable touchpad-row pieces for the Laptop 16, and example mainboard cases	CC BY 4.0	Free	github.com/FrameworkComputer
Miele 3D4U (Miele, on Thingiverse)	Vacuum attachments (handle, nozzles, bracket) plus kitchen and DIY gadgets. Accessories, not spares	Not named on Miele's page; check each Thingiverse page	Free	Miele 3D4U
Cults	Community models, free and paid	Set by the designer per model	Free or paid, per model	cults3d.com
GrabCAD	Community CAD models	Private use; selling anything made from a model needs the designer's permission	Free	grabcad.com/library
MakerWorld	Community models	Set by the uploader per model	Free for personal use; creators sell commercial licenses separately	makerworld.com
Printables	Community models, plus paid models in a separate Store tab	Set by the uploader per model	Free, plus paid Store models	printables.com
Thingiverse	Community models	Set by the uploader per model	Free	thingiverse.com

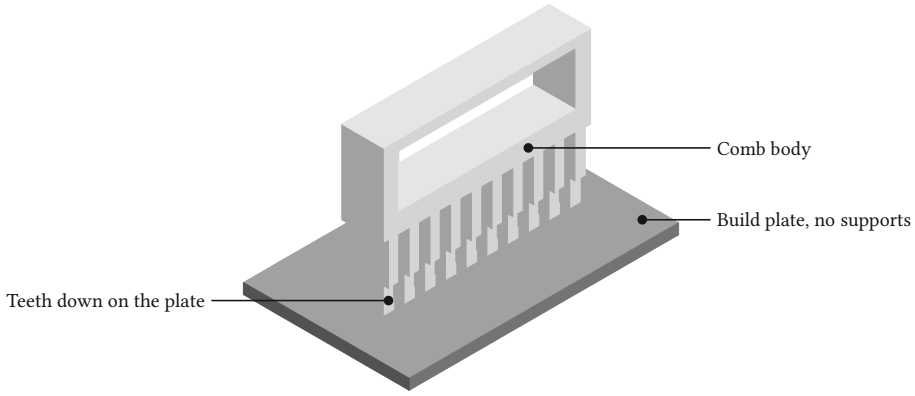


Figure 1. Philips's comb file comes oriented to print standing on its teeth, and its page specifies no supports.

1.3 Does Philips have official 3D printable replacement parts?

Yes, for grooming accessories only. Each Philips model page lists the products it fits and the print settings. The OneBlade 1 to 3 mm comb fits models MG9530 through QP2630, which the page lists in full. Philips specifies PLA (polylactic acid), a 0.15 mm layer height, no supports and 15% infill. The comb prints standing on its teeth, as oriented in the STL file. The hair clipper 1 to 7 mm comb fits the HC7460, HC9420, HC9450 and HC9490 and uses a 0.2 mm layer. Blades and batteries are not covered. If you can't tell what is broken, Philips sends you to its support line.

1.4 Are there official Dyson replacement part files?

No. We found no Dyson program that publishes printable files. Dyson sells replacement parts by part number through its support site. Unofficial Dyson parts do exist on the repositories. One example is a crevice nozzle on Printables, published under CC BY by its uploader. These are owner-made copies, so fit depends on the uploader's model. Treat them as unsupported by Dyson.

1.5 How do you search a 3D print spare parts library?

No central index exists, so search each repository in turn.

1. Search the part number first. Check the hidden faces of the broken part for a molded number.
2. Then search the appliance model number from its rating plate, plus the part name, as in "[model number] door hinge".
3. Read the comments and the uploaded prints ("makes") on each model. Reports from owners of the same model are the strongest fit evidence.
4. Prefer models that include a STEP or native CAD file. You can adjust them, which an STL makes hard.
5. Read the license before printing more than one, and before you remix or sell.

1.6 What do the license letters mean?

Creative Commons (CC) defines four license elements. BY means credit the creator. SA means adaptations must be shared under the same terms. NC means only noncommercial use, which it defines as use not primarily intended for commercial advantage or money. ND means no adaptations. All six CC licenses let you print a part for yourself. NC rules out selling prints, ND rules out sharing a modified file, and SA makes you share a remix under the same license. GrabCAD's terms allow private use and any number of prints you keep, and require the designer's explicit permission for anything you sell. Patents are a separate question, covered in is it legal to 3D print replacement parts.

1.7 Where can you download 3D printed car parts files for free?

From the same repositories. No car-parts database exists. We found no carmaker that publishes printable files for its cars. Porsche Classic's 2018 release describes printing rare parts in-house and supplying them as finished parts. Steel parts are laser melted and plastic parts laser sintered. The release offers no files. Car STLs are community uploads, free or paid per model like any other file.

Never print safety-critical car parts: brakes, steering, suspension, seat belts and restraints, airbags, the fuel system or wheels. Printed trim, clips, cup holders and gauge pods are the realistic scope.

Heat sets the material for anything in the cabin: a file drawn for PLA (polylactic acid) can still need printing in a heat-resistant plastic. The filament table for replacement parts has the car-interior case.

1.8 How to check a file fits your car or appliance

1. Match the exact model: for a car, make, model, generation, model year and trim; for an appliance, the full model number. Check whether the uploader lists the cars or models they tested.
2. Match the original equipment manufacturer (OEM) part number when the uploader gives one. For a car, a dealer parts catalog looked up by your vehicle identification number (VIN) gives it.
3. Measure the mating features on your broken part with calipers and compare them with the model in your slicer.

The method is on how to measure a broken part without a 3D scanner.

4. Print only the mating feature first, a clip or a boss, and test the fit before printing the whole part.

If nothing fits, draw the part yourself. The replacement parts guide covers which materials survive which jobs.

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Cite as: Asked 3D. "Where can you download 3D printable replacement parts?." October 13, 2026. https://asked3d.com/answers/replacement-part-stl-files. Last verified October 13, 2026.