



Vintage Gas Pump phone charger



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Summary

I created a phone charger from a vintage gas pump.

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Everything is designed to print **WITHOUT SUPPORTS**. Tolerances are set at 0.1mm which makes a VERY snug fit but allows the model to be held together without any glue. You may have to use a little force to get the pieces together the first time. Of course, this will vary depending how well calibrated your printer is.

Model has been optimized for 0.4 mm width nozzles (using 0.4 mm line width). I prefer 0.28 mm layer height (looks better than 0.3 mm without adding significant print time).

Red:

- Front - has raised white lettering
- Back

White:

- Gas Sign - has raised black lettering
- Display - has raised black lettering

Silver/Gray:

- Retaining ring
- Base

For layers with raised lettering, change filament before last 2 layers. To change filament, you can add the following lines of gcode before the raised lettering layers.

```
G28 X0 Y0 ; home to move print head out of the way  
M0 ; pause
```

Model files

red_front.stl



red_back_iphone.stl



red_back_usb-c.stl



white_gas_sign.stl



white_display.stl



gray_base.stl





silver_retaining_ring.stl

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