



## Sunglasses for Oakley Jawbone lenses



kylemakesstuff

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 24. 10. 2021

### Summary

I made these glasses since I couldn't work up the nerve to buy real Oakley sunglasses so I figured the next best thing...

[Fashion](#) > [Other Fashion Accessories](#)

Tags: [sunglass](#) [eyeglasses](#) [sunglasses](#) [eyepiece](#) [sun](#)  
[glasses](#) [oakley](#) [sunglassesholder](#) [sunglassesrepair](#) [jawbone](#)  
[partyglasses](#) [revant](#)

I made these glasses since I couldn't work up the nerve to buy real Oakley sunglasses so I figured the next best thing was to buy a pair of replacement lenses and then make a 3D printed frame. They work well and they are a great conversation starter. As an added bonus if you drop them in the ocean they float since they are mostly hollow.

The frame has arm spacers and the arms have frame spacers to help with the clearance of the joint during printing. These spacers simply snap off after printing.

Tip for others trying to make a frame fit another lens of a different shape.

1. Take a picture of the lens from the front and then the top.

2. Insert this picture into your 3D design software and scale to size.

1. Draw the lens shape from the front then top.

2. Extrude both shapes at 90 degrees from each other accordingly.

3. Use a boolean intersect operation to create a nice lens profile.

4. Scale this by about 1% to create some clearance for use in the frame design.

## Instructions

Frame:

Print at 0.1mm layer height with raft and support. (minor touchups)

Print upside down and try to get the flattest spot you can. I usually rotated it to have the biggest foot print possible. The frame has arm spacers at the hinge joint. Arms:

The arms have a nice flat bottom to be printed on without supports or raft. The arms have a frame spacer at the end to provide proper clearance in the hinge joint. I found this was the best way to ensure the tolerances stay consistent any require little to no clean up for assembly. Extra Materials:

QTY of 4 Stainless steel #1-64 5/16" long Phillips head machine screws.

QTY of 1 Replacement lenses for Oakely Jawbone from Revant Optics

<http://revantoptics.refr.cc/QWS6MP2>

<https://www.revantoptics.com/replacement-lenses/oakley-jawbone-polarized-stealth-black>

Category: Glasses

## Model files



**frame\_warm\_spacers.stl**



**sung6131\_pip.stl**

**right\_arm\_with\_spacer.stl**



---

**left\_arm\_with\_spacer.stl**



[Find source .stl files on Thingiverse.com](#)

## License ©

This work is licensed under a  
**Creative Commons (4.0 International License)**



### **Attribution**

- 
- ✗ | Sharing without ATTRIBUTION
  - ✓ | Remix Culture allowed
  - ✓ | Commercial Use
  - ✓ | Free Cultural Works
  - ✓ | Meets Open Definition