



## 1/0ga dual input to 1/0ga triple output mini anl fuse block

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### Summary

Mini anl Fuse block for car audio amplifier installations

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I was installing a custom audio system and couldn't locate a fuse holder that fit my needs so I designed my own. This is a dual 1/0 input with three 1/0 outputs. The inputs go into a single aluminum block that has three separate fused aluminum output blocks.

The base plate is designed to accept 1/4-20 bolts or all-thread to mount a cover plate.

Simply add a nut and flat wash, place the cover plate over the bolts and then use another flat washer and nut or use a more stylish acorn nut.

If using this block and mounting it to a non-conductive surface you can omit the Fuse\_block\_base.stl

I have also included the STL's for the input and output blocks in case anyone wants to machine them.

Should you want to make this into a grounding block you can machine the file

Part2.stl

to put in place of a fuse.

Hardware needed:

- 5) 3/8-24 grub screws (wire compression screws input and output)
- 5) 1/4-28 x 1/2 countersink bolt (input block mount)
- 6) #12-24 x 1/2 pan head screw (fuse mount bolt)
- 6) #10-24 x 1/2 countersink bolt (output block mount)
- 2) #12 x 1in pan head sheet metal screw (use any screw you wish to secure base as needed)

Optional

- 2) 1/4-20 x 1 3/4in (cover plate mount, could use all thread instead of a bolt)
- 4) 1/4-20 nuts (cover plate mount)
- 4) 1/4 flat washer (cover plate mount)
- 2) 1/4-20 acorn nut (cover plate mount. Can use these in place of two normal nuts)

## Model files



**part2.stl**



**top.stl**



**fuse\_block\_base\_bottom.stl**



**fuse\_block\_base.stl**



**2\_0gain-3fuseout\_new.stl**



**0ga\_mini-anl\_out\_new.stl**



**fuse\_block\_assembly.stl**

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