

# Rail Assembly Instructions

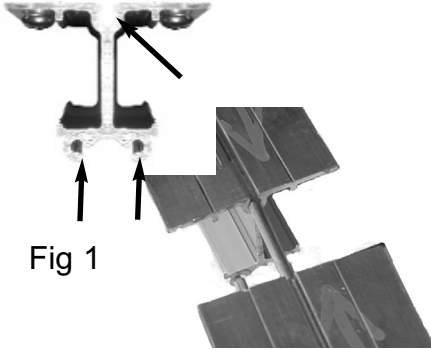


Fig 1

**Step 1:** Align arrows; fit pins into pin slots (Fig 1).

**Step 2:** Push Rail together as much as possible (Fig 2).

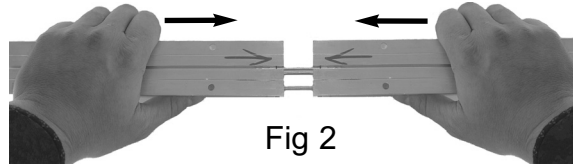


Fig 2



Fig 3

**Step 3:** Holding both sides of Rail, tap on ground to join (Fig 3).

**Warning!!! Pins are for Alignment Only**

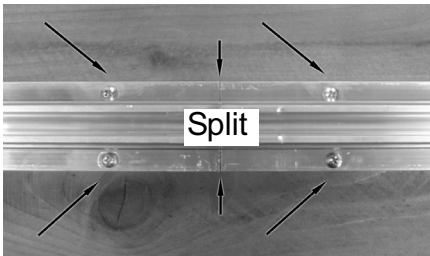


Fig 4

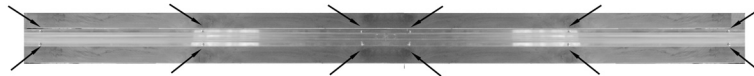


Fig 5

**Step 4:** Mount Rail to board. All Rail-mounting points need to be used to secure Rail to mounting board (Fig 4 and 5).

Go to Step One of your LightRail 3.0 instructions

**Rail Fabrication Fun Facts:** The LightRail Rail is an aluminum extrusion that is then fabricated in-house by Gualala Robotics Inc. The fabrication process includes punching the mounting holes, cutting to length and installing the Rail alignment pins. It is normal to see some tooling and handling marks from these fabrication processes. Tooling may include somewhat dimpled holes where the mounting holes are punched, tooling colorization around the mounting holes and hatch marks. There are also stake marks where the Rail alignment pins are installed in the Rail. In this instance, the stake marks serve a purpose in keeping the pins in place. Each Rail is handled several times from start to finish, so finger prints or smudges can occur and this is also normal.

Your Rail is made of extruded aluminum and at any time, can be easily cut for fitting more exactly into limited spaces. Also as an option, a half Rail can be used instead of a full Rail length.

Rails should be mounted level and straight, and should be kept clean of grease and debris. Further information on Rails as well as general information on all LightRail products can be found on the website [www.LightRail3.com](http://www.LightRail3.com).