

Disassembly Warning

During the development phase of Gemini 2, you will likely need to update the firmware in the hand controller and main unit fairly frequently. While this will normally be done through the web interface, it is possible that you may need to disassemble the hand controller or remove the cover from the main board. Please be aware of these warnings if you do so. ***Please note, that if you damage either the Hand Controller or the Gemini Main Unit, you are doing this at your own risk. Repair will be solely at Losmandy discretion, and you may be liable for repair cost and shipping cost.***

1. When disassembling the hand controller, be forewarned that the gasket that is between the LCD and top plastic cover sometimes sticks to the LCD. It is possible for the LCD to be pulled off the base PCB that it is mounted to. The best way to remove the top cover after removing the 4 screws is to gently push down on the LCD glass while slowly loosening the top cover, separating the glass from the gasket.
2. Also while apart, there are icons at the bottom of the LCD screen. They are touch sensitive. If you are touching any of these while you apply power to the LCD module, or hand controller the hand controller will not boot. The gasket can also cause this same effect if pushing on these icons too hard. In later units this gasket has been shaved a few hundredths of a mm to prevent this.
3. If you remove the front panel of the main Gemini unit, do not plug the motor cables into the unit. Sideways pressure on the motor connectors can break them. The front panel provides the mechanical stability to keep this from happening. You can safely power up the Gemini 2 without motors connected. You might receive motor lag messages, but that is normal, when no motors are connected.