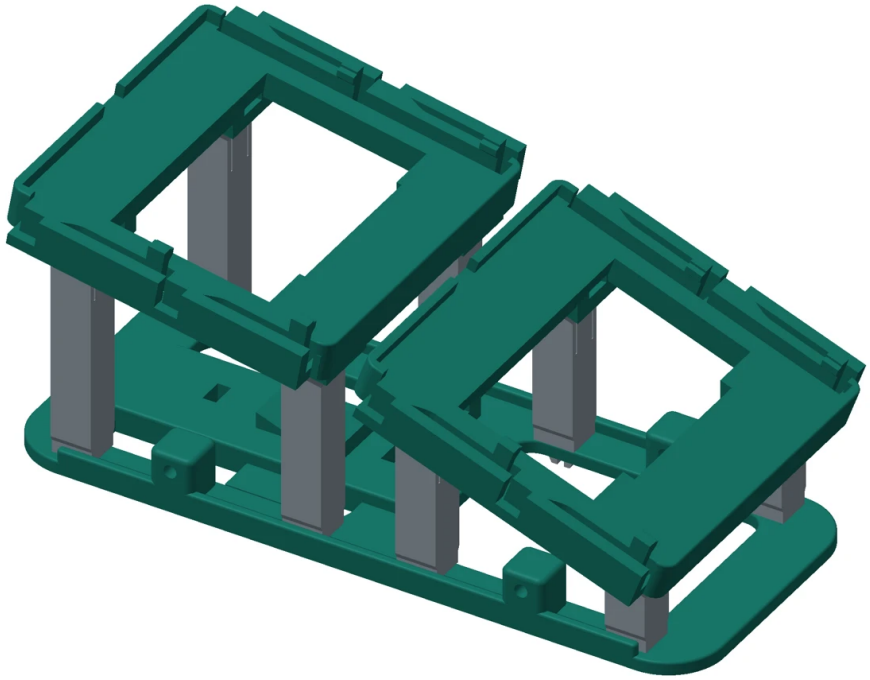
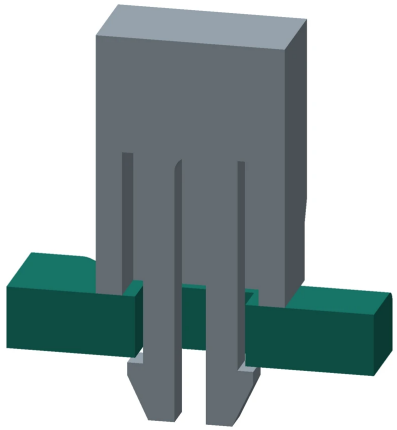
BF5 · snap joints at both ends of each post

2 frames + 8 one-piece posts. Accepted upper fit: SC1 post 1 + socket 6.





Lower joint: sectional view

The post rests on the chassis; two prongs latch underneath it. Squeeze the prongs from below to release the joint.

STL files contain no built-in supports

solar-car-bf5-frames.stl: both frames. solar-car-bf5-posts.stl: all eight posts.

Individual files are also included: one F frame, one R frame, and two of each F1/F2/R1/R2 post. Use either the combined layouts or the individual files. Units: mm; scale: 100%. Set orientation and supports in your slicer.

Insert the posts into the empty frames from below, with the upper latch tongues facing the central opening. Align the four lower stems with the chassis slots and press near each post. Install the panels last.

November 22, 2026: the builder reported that the car was assembled and working. V2.10 chassis with BF5 mounts. Choose slicing settings for your printer. Speed and endurance have not been measured.