

B737 forward overhead starter kit – GP737FOH001

The B737 forward overhead starter kit GP737FOH001 include:

- 1 x B737 (NG or MAX) BRIGHT panel (central column)
- 2 x rails already assembled to B737 BRIGHT panel
- 1 x B737 (NG or MAX) LIGHT panel (including Start-switches)
- 1 x B737 ELECTRICAL main panel
- 2 x side rails
- 4 x internal rails (already assembled in pair)
- 1 x upper bracket
- 15 x countersunk socket screws (M4x6mm) to fix the rails to the OVH737 LIGHT pane and upper bracket
- 1 x hexagon head screw (M4x6mm)
- 8 x steel rods to fix the hardware and the cover to the rails
- 3 x Aluminium cover
- 26 x original Boeing aluminium fasteners
- 1 x 12Vdc power supply
- 1 x Ethernet cable (3 mt)
- 2 x 4 pole cable to connect the B737 BRIGHT and B737 LIGHT panels to B737 ELECTRICAL main panel



STEP 1: FIX the rails to the OVH737 LIGHT panel

Put on the table a protection to avoid to scratch the overhead panel.

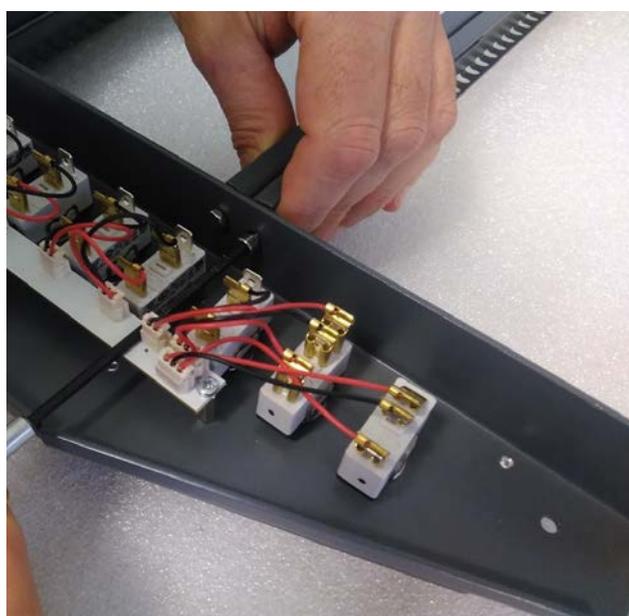
Place on a table the B737 LIGHT panel like in the picture below and start to fix the right side rail using a countersunk socket screw. **Is important in this phase to not tighten the screws, in this way they can have some settling that is very helpful during the assembling of all the parts. Only at the end can all the screws be tightened.**



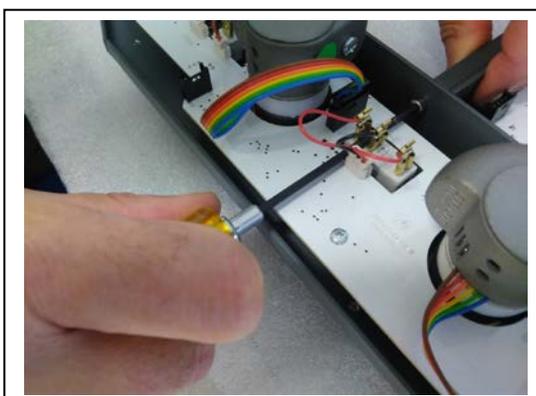
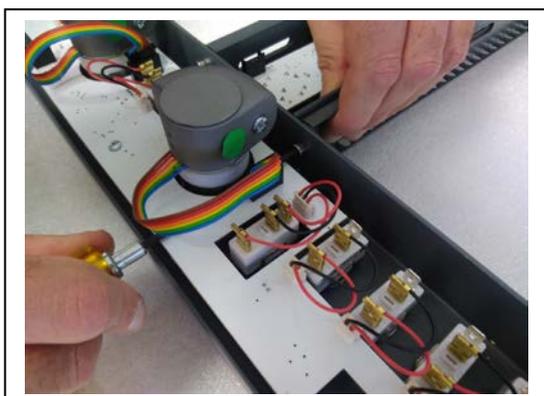
One of the landing light switches hinders the insertion of a screw (see picture below), use here the hexagon head screw.....



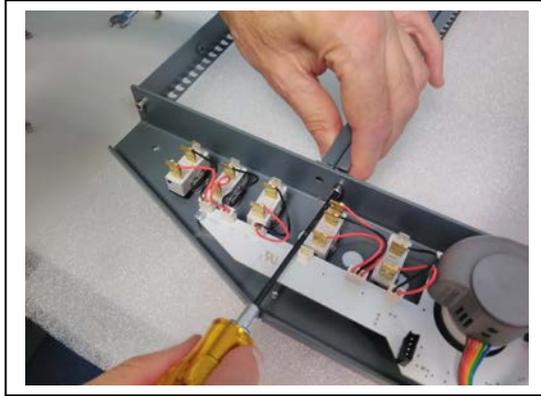
...than fix the other rail using the countersunk socket screws



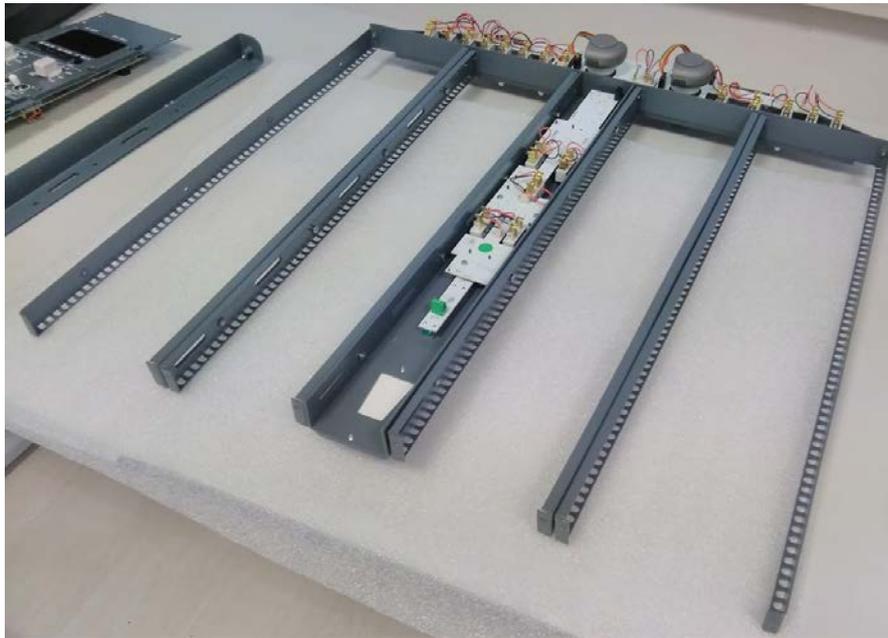
Fix the OVH737 BRIGHT panel using 2 countersunk socket screws



Continue fixing the remaining internal rails pair and the external side rail using the countersunk socket screws

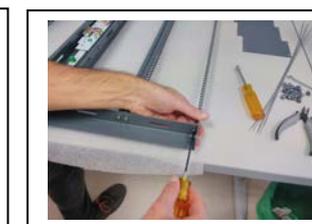


The OVH737 LIGHT panel is now fixed to the OVH737 BRIGHT panel and to all the rails

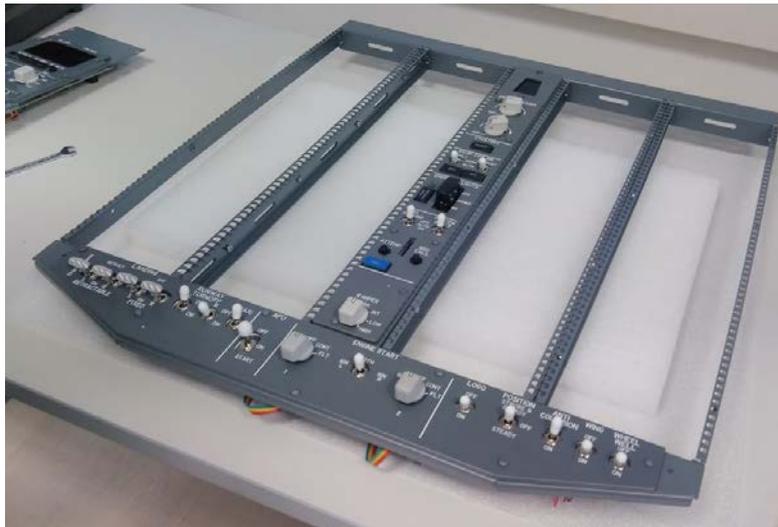


STEP 2: FIX the rails to the upper bracket

Proceed to fix the upper bracket using the remaining Countersunk socket screws

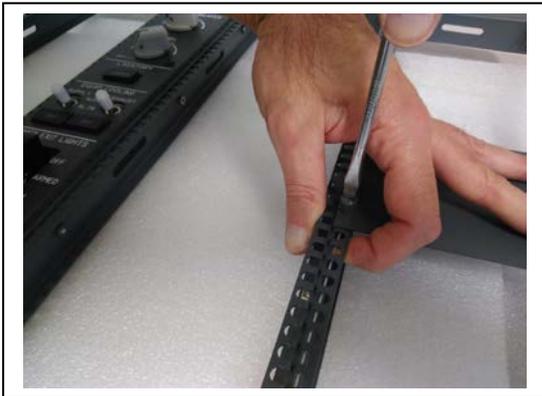


The frame is now assembled



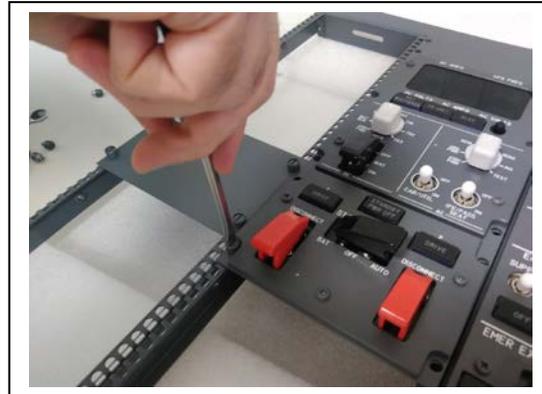
STEP 3: FIX the covers to rails

Hold the steel rods on the back side of the rail and using the original ¼ turn fasteners fix the aluminium covers to the rails more or less in the middle of the rail. Do this on the outer left column and the two right ones leaving free the column where the ELECTRICAL main panel will be mounted. These aluminium covers are temporary and serve to consolidate the structure, they will then be removed in case you install additional modules in the future.



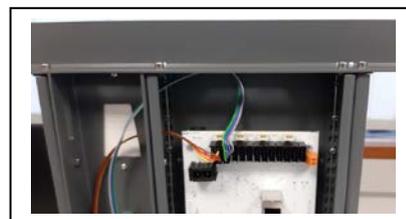
STEP 4: FIX the ELECTRICAL panel to rails

Using the iron rods and the original ¼ turn fasteners fix the B737 ELECTRICAL panel to the structure.



You can now tighten all the screws to stabilize the whole structure

STEP 5: through the 4 pole cables connect the OVH737 BRIGHT and OVH737 LIGHT panels to OVH737 ELECTRICAL main panel. Some slots are present in the structure for the passage of wiring



STEP 6: Connect the power supply and the ethernet cable to the OVH737 ELECTRICAL main panel

