

Flight Stick Grip Extension Kit Assembly Manual

And

Flight Sim Add-on Accessories



Thrustmaster
Warthog



VirPil



WinWing

Assembly instruction manuals available at:

V5.3 060726

<http://bit.ly/ow-manuals>

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WARNINGS:



Proceed with caution and extra attention when warning signs are present during installation instructions manual.



**WARNING**

Choking hazard, small parts. Not for children under 5 years old.



**WARNING**

Keep hands and fingers clear of pinching points, and hinging metal parts.



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Parts List

1. Female adapter
2. Male adapter
3. Extension tube - 70 mm
4. Extension tube - 105 mm
5. Extension tube - 150 mm
6. MiniDin 5pin cable extension for Thrustmaster Warthog and VirPil flight sticks - 250mm
7. PS/2 6pin cable extension for WinWing - 250mm
8. M5 set screws (2)
*pre-assembled to each adapter
9. Allen key 2.5mm
10. Plastic spacers for WinWing stick base and grip sides (2)



1. Chose either one of three tube extensions according to your personal preference and setup.

- Male adapter allows ~15mm, female adapter ~25mm of additional length depending on where set screw is set against the extension tube.



Short size extension tube can be adjusted in length between 70mm and 110mm ($2^{3/4}$ - $4^{3/8}$ in.)

Long size extension tube can be adjusted in length between 150mm and 190mm ($5^{7/8}$ - $7^{1/2}$ in.)

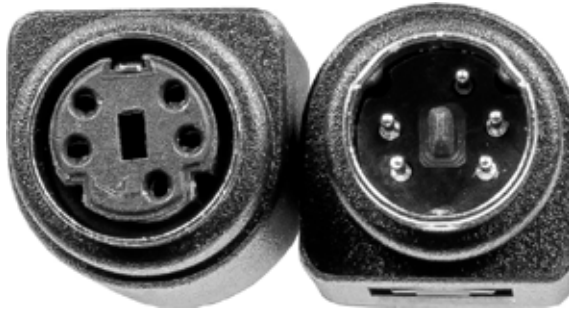
Medium size extension tube can be adjusted in length between 105mm and 145mm ($4^{1/8}$ - $5^{3/4}$ in.)



2. Ensure extension tube is set below male and female threads on each adapter. ⚠️ Do not over tightened set screws as it may damage adapter threads or hardware. ⚠️



3. Plug in **5pin** extension cable to flight stick base. Ensure female and male pins match. ⚠️ Ensure correct cable is used with compatible pins:
5pin: Thrustmaster and VirPil flight stick controls. ⚠️



4. Screw on Female adapter side to stick base until it is secured.
⚠️ Do not over tighten female adapter ⚠️



5. Carefully coil in and fold excess cable length into extension tube.



6. Connect cable end to grip connector gently. Ensure pins match. Screw in grip female ring to male adapter thread. Turn grip at angle according to personal preference.

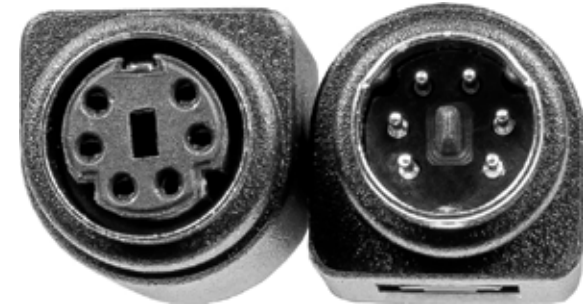


7. Use plastic spacers on both ends of extension at the stick base and grip.



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3. Plug in **6pin** extension cable to **WinWing** flight stick base. Ensure female and male pins match. ⚠️ **Ensure correct cable is used with compatible pins: 6pin: WinWing Super Libra flight stick.** ⚠️



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Often purchased add-on accessory along with grip extension is Centered flight stick lower mount bracket with adjustable height.



Center stick lower mount bracket is dedicated for the following brands flight sticks with removable grip and ability to add grip extension:

Thrustmaster Warthog, VirPil, VKB, WinWing

Bracket allows height adjustment as low as 5.5" from floor to base plate with bracket mounted under main support tube. With added extension tube, as high as 16.5" from floor to base plate. Total of 11" height adjustment. Purpose of adjustable flight stick base is allowing precise vertical alignment of stick grip in accordance to seat height and grip extension (if such is installed to the stick).

Updated plates are pre-drilled to accommodate the following sticks and stick bases: Thrustmaster Warthog, all Virpil, VKB, WingWin.

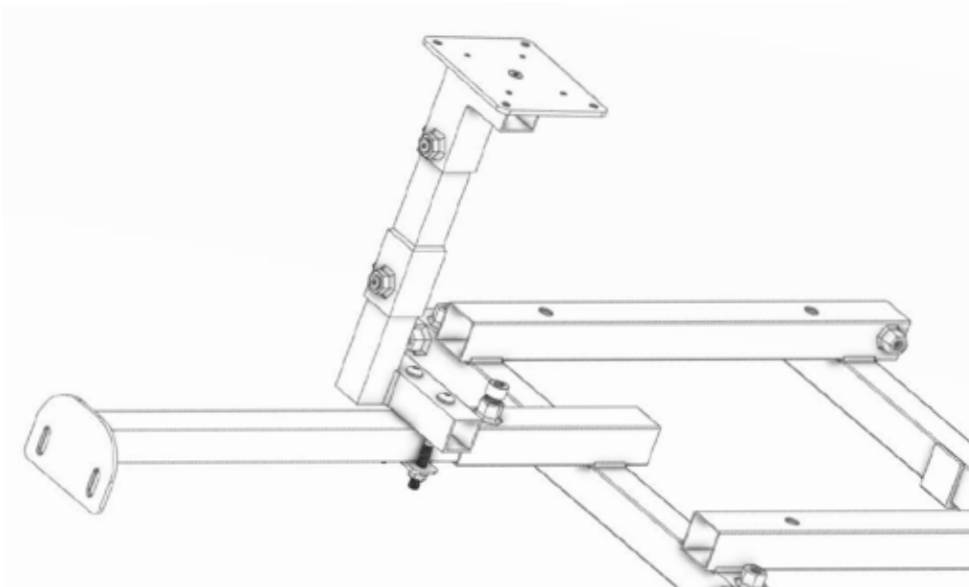
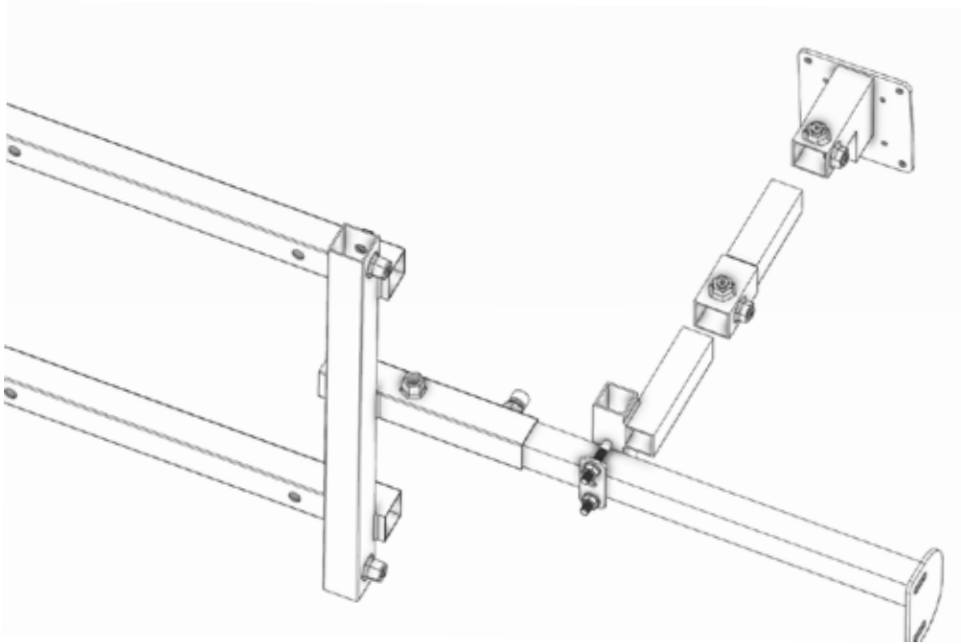
Bracket is clamped on main support tube. Optionally it can be clamped on seat frame center tube.

Bracket mounted at lowest setting



Bracket mounted with tube extension at highest setting.





Specifications:

Recliner: max: 170 degrees

Construction: tubular steel frame with elastic strap supports

Seat Materials: high-density cold cure foam filling; Fabric, Steel chassis

Instructions during use and care:

Move simulator around with caution to avoid collision.

Keep out of direct sunlight and outdoor use.

Watch fingers when adjusting recliner.

Placing heavy or sharp objects on the seat may damage the surface material.

Do not use abrasive or chemically aggressive materials on the seat.

Use dry cloth or soft brush to clean the chair.

Dimensions:



Warranty Information

Return Policy

Terms And Conditions

<http://homeracer.com/ow-termsandconditions.html>