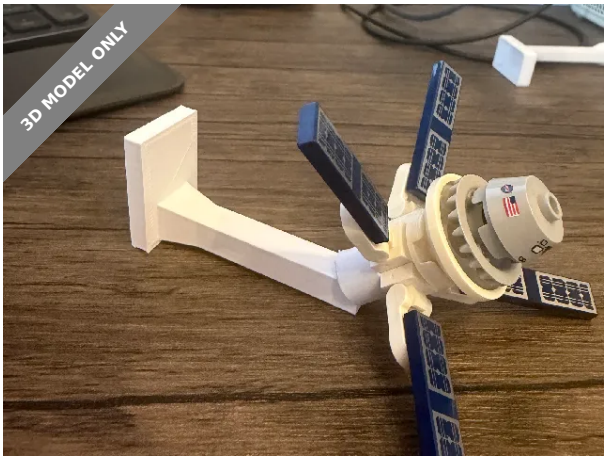


Wall Mount for LEGO Orion – 45° Floating Display

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VIEW IN BROWSER

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Summary

Slim adhesive wall mount for displaying a LEGO Orion spacecraft at an upward 45° angle. Includes a separate socket fit-t

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Give your LEGO Orion spacecraft (part of the **NASA Artemis Space Launch System 10341**) a floating-in-space display with this compact wall mount.

The mount features a slim straight arm, reinforced wall-plate joint and round socket angled upward at 45°. The flat-backed plate is intended for adhesive attachment, with no screw holes.

Dimensions

- Overall projection from the wall: 65 mm
- Wall plate: 30 mm tall × 20 mm wide × 5 mm thick
- Arm: 8 × 8 mm, with reinforcement at the root
- Socket outside diameter: 12 mm
- Outer recess: 8 mm diameter × 4 mm deep

- Central hole: 4 mm diameter × a further 3 mm deep
- Total socket depth: 7 mm

Print settings

Successfully printed on an AnkerMake M5C using white PLA and a 0.4 mm nozzle.

- Layer height: 0.2 mm
- Wall loops: 3
- Infill: 15%
- Infill pattern: Grid
- Supports: depending on orientation; required beneath the arm and socket head in the supplied mount orientation
- Scale: 100%, in millimetres

Print the socket fit-test piece first to check compatibility with your connector. Keep supports out of the blind recesses and remove any support material before fitting.

Assembly and mounting

Check the connector fit without forcing it. Select an adhesive suitable for your wall surface and model weight, and follow its preparation and curing instructions.

The mount has been successfully printed, but bracket and adhesive load capacity have not been established through load testing.

Included files

- Complete wall mount
- Matching socket fit-test piece

Both STL files have been checked as single connected, watertight solids.

Design background

Rebuilt using measurements and photographs of an existing physical mount made by another creator. The original creator’s name and an online source are currently unavailable.

Compatibility

Designed for the LEGO Orion spacecraft, which is part of the **NASA Artemis Space Launch System 10341**.

Independent fan-made accessory; not affiliated with or endorsed by the LEGO Group.

Model files



orion_wall_mount_12mm_socket_4mm_bore.stl

Wall Mount



orion_socket_fit_test_12mm_4mm_bore.stl

Socket Fit Test



orion_wall_mount_12mm_socket_4mm_bore.3mf

Wall Mount

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