



ASSEMBLY GUIDE

PRO REFINISH SERIES

PR-HD1

HOOD STAND

Goliath Carts: Smart Solutions for Every Department



PRODUCT OVERVIEW

The Pro ReFinish Hood Stand is a professional-grade mobile solution designed for secure handling, storage, and refinishing of vehicle hoods. Adjustable slide arms, extension bars, and hood holders allow precise positioning for prep and paint operations while maintaining stability and access. Built from heavy-gauge steel and supported by industrial locking casters, the PR-HD1 Hood Stand delivers rugged performance for demanding shop environments.

SAFETY

Assemble and use the stand on a level, stable surface. Engage caster locks before loading, unloading, or adjusting a hood. Do not exceed safe working loads and always distribute weight evenly across the hood holders. Keep hands clear of pinch points around slide arms, latches, and pivoting components. Verify all fasteners are fully tightened before first use and after initial break-in. Do not climb, ride, or stand on the hood stand.



KIT CONTENTS

Use the table below to verify all components and hardware are present before assembly.

A. Major Components

Item	Part / Subassembly	Qty	Notes (per drawing)
A0	Casters	4	6 in x 2 in, locking
A1-A	Caster bar	1	Bar with caster mounts
A1-B	Weighted caster bar	1	Counter-weighted bar with caster mounts
A2	Left bottom frame	1	Frame bar narrower, left
A3	Right bottom frame	1	Frame bar wider, right
A4	Right upright pole	1	Vertical support
A5	Left upright pole	1	Vertical support with pin latch
A6	45° support brackets	2	Upright reinforcement
A7	Cross bar	1	Upper frame support
A8	Extension bar	1	Adjustable length support
A9	Slide arms	2	Hood positioning arms
A10	Handle	1	Adjustment handle
A11	Latch	1	Locking mechanism
A12	Hood Holders	2	Hood support pads

B. Hardware / Fasteners

Item	Hardware	Qty	Where Used (typical)
H1	Hex bolt, 3/8-16 x 3/4	16	Caster mounting
H2	Hex bolt, 3/8-16 x 3-1/2	5	Frame and latch mounting
H3	Hex bolt, 3/8-16 x 2-1/2	1	Crossbar connection
H4	T-bolt, 3/8-16	9	Adjustable components
H5	Hex bolt, 1/4-20 x 3/4	8	Hood holder mounting
H6	Flat washer, 1/4	8	Used with 1/4 hardware
H7	Flat washer, 3/8	11	Used with 3/8 hardware
H8	Lock nut, 3/8-16	5	Through-bolting

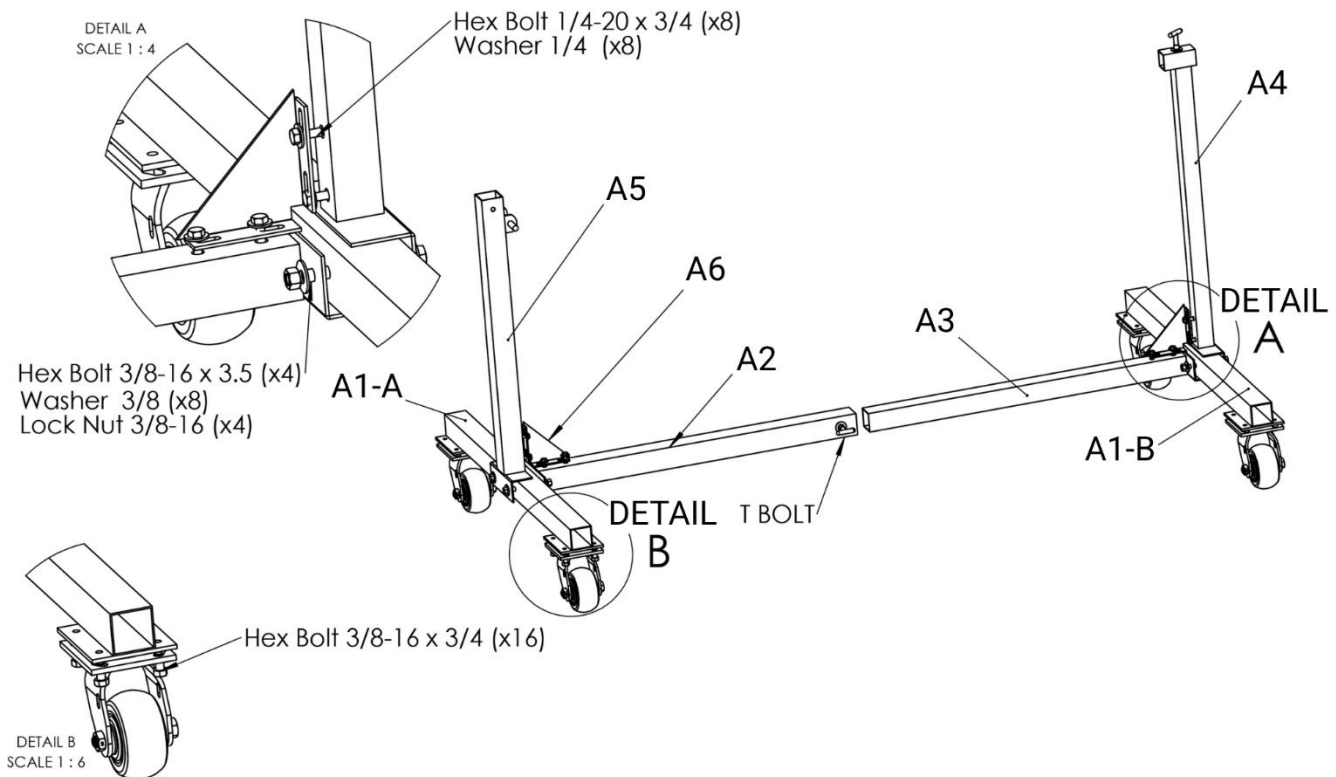
TOOLS REQUIRED

- (2) 9/16 in. wrench or socket
- (1) 7/16 in. wrench or socket
- Optional: rubber mallet for alignment

SUPPORT

For technical support, replacement parts, or ordering assistance:

- Phone: (866) 694-2278 (Ext 2 for Tech Support)
- Email: info@goliathcarts.com
- Website: goliathcarts.com



ASSEMBLY INSTRUCTIONS

Step 1 – Unpack & Verify

- Unpack all components and hardware.
- Confirm quantities match the Parts Table

Step 2 – Build the Base Frame Assembly

- Slide left bottom frame bar (A2) on to right bottom frame bar (A3) and fasten with a T-blot.
- Position caster bar (A1-A) perpendicular to (and centered on) the left bottom frame bar (A2).
- Position weighted caster bar (A1-B) perpendicular to (and centered on) the right bottom frame bar (A3). Caster bars should be parallel to each other with the assembled frame bar between them, forming a letter “H” shape. Bars should be touching, but **do not bolt them together, yet.**
- Position the left upright pole (A5) vertically above the intersection of the left bottom frame bar (A2) and the caster bar (A1-A). Fasten the three parts together using 3/8-16 x 3-1/2 hex bolts (H2), washers (H7) on both sides, and lock nuts (H8). Ensure uprights are plumb, then fully tighten.



- Position the right upright pole (A4) vertically above the intersection of the right bottom frame (A3) and the weighted caster bar (A1-B). Fasten the three parts together using 3/8-16 x 3-1/2 hex bolts (H2), washers (H7) on both sides, and lock nuts (H8). Ensure uprights are plumb, then fully tighten.
- Install the two 45° support brackets (A6) between the uprights and base frame for added rigidity.

Step 3 – Install Casters

- Tip the base frame assembly on its side on a protected surface, so the ends of upright poles touch the ground, and all four caster mounting plates are exposed.
- Bolt each caster (A0) to each mounting plate using four 3/8-16 x 3/4 hex bolts (H1) per caster.
- Tighten evenly, flip the frame upright, and engage the caster locks.

Step 4 – Install Upper Frame Components

- Attach the cross bar (A7) to the left upright pole (A5). Secure using 3/8-16 hardware and washers.
- Attach extension bar (A8) to the right upright pole (A4) using T-bolts (H4).

Step 5 – Install Slide Arms and Latch Assembly

- Slide the two slide arms (A9) onto each end of the cross bar (A7) and loosely secure using T-bolts (H4).
- Install the latch (A11) on extension bar (A8) at the designated mounting point using 3/8-16 x 3-1/2 hardware (H2), washers, and lock nut. Verify smooth operation of the latch.
- Install the handle (A10) on cross bar (A7) at the designated mounting point using 3/8-16 x 3-1/2 hardware (H2), washers, and lock nut.

Step 6 – Install Hood Holders

- Attach one hood holder (A12) to each slide arm using 1/4-20 x 3/4 hex bolts (H5) and 1/4 in washers (H6).
- Adjust the holders as needed for hood size but leave final positioning loose until a hood is mounted.

Step 7 – Final Check

- Verify all fasteners are fully tightened. Confirm the stand rolls smoothly and caster locks function properly. Ensure slide arms, extension bar, latch, and hood holders adjust smoothly and lock securely.
- Re-check all fasteners after the first day of use.

