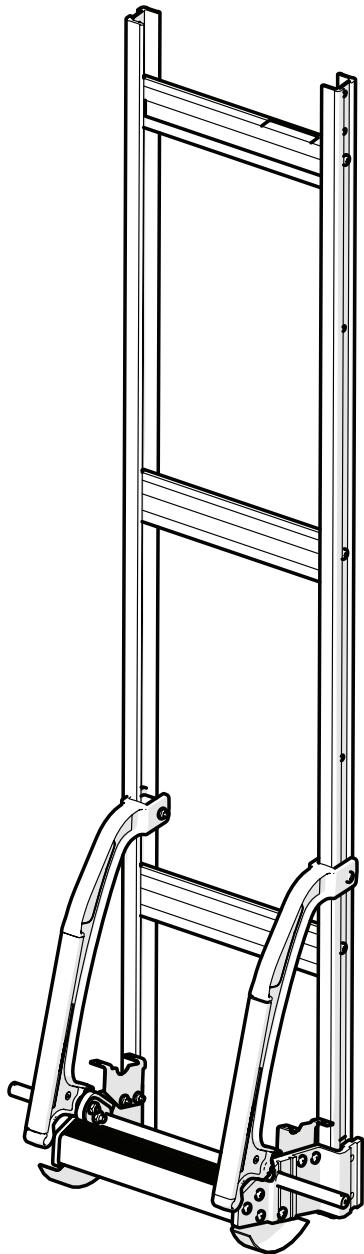


# ASSEMBLY INSTRUCTIONS

## C5 Stair Climbers Hydraulic Brake Truck with Single Axle



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*For safe, efficient product use, Magline recommends inspecting equipment regularly and replacing damaged components immediately.*

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# PARTS LIST

Item	Description	Qty.	Part No.
A	Stair climber	2	304285
B	Frame spacer	2	304282
C	Lower bracket	2	304284
D	Pan head machine screw - 1/4"-20 x 1-7/8" long	2	80039
E	Pan head button hex socket screw - 5/16"-18 x 1-1/2" long	2	80155
F	Hex lock nut - 1/4"-20	2	80675
G	Hex lock nut - 5/16"-18	2	80676
H	Washer - 5/16" ID x .100" thick	2	80739

## TOOLS REQUIRED

- PLIERS
- #3 PHILLIPS SCREWDRIVER
- (1) 7/16" WRENCH
- (2) 1/2" WRENCHES
- 3/16" ALLEN WRENCH
- DRILL MOTOR
- Ø .281 (K) DRILL BIT

Note: This kit is compatible only with hydraulic brake trucks with single axle. A different kit is used for hydraulic brake trucks with dual "stub" axles (that part number is 86432).

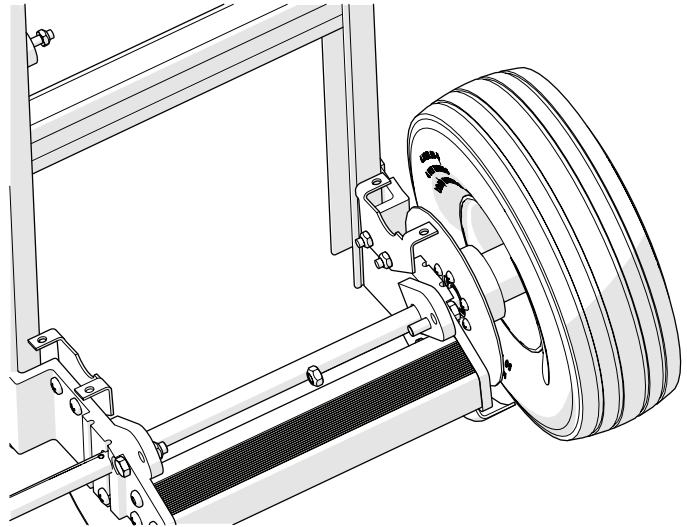
Use a workbench or table of convenient height and place all components in view and within reach. It may be helpful to work with the hand truck oriented face down. The following assembly sequence is recommended:

### Step 1

*(1/2" wrenches and pliers)*

Remove lock nut shown below. Keep lock nut.

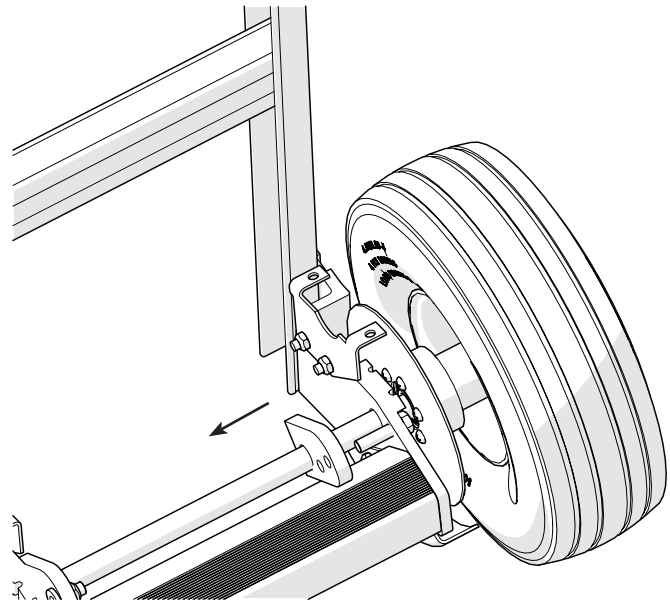
Remove the cotter pin from the axle on both sides. Keep cotter pins.



*Please note - brake caliper and brake line not shown for simplicity.*

### Step 2

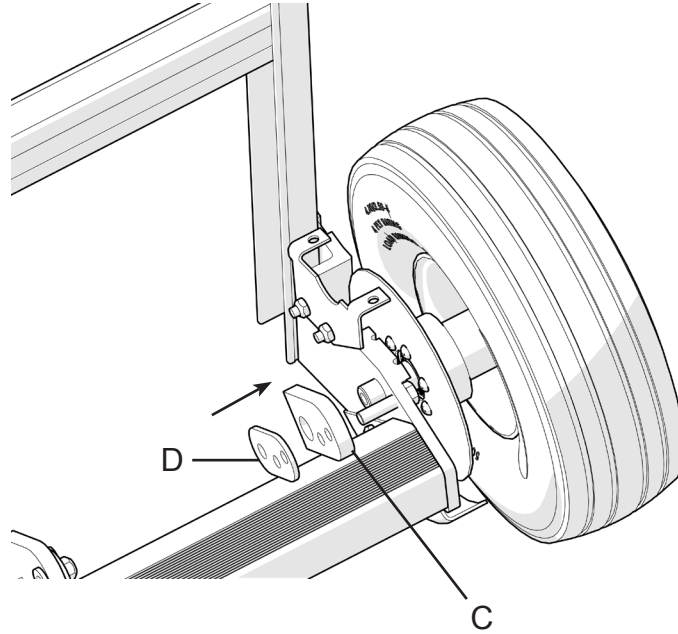
Remove the existing spacer.



### Step 3

(1/2" wrenches, pliers)

Insert lower bracket (C) as shown below. Then replace the lock nut and tighten to 100 120 in.-lbs. torque.

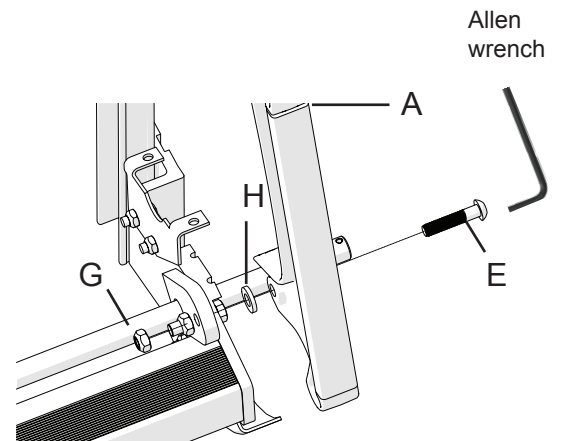
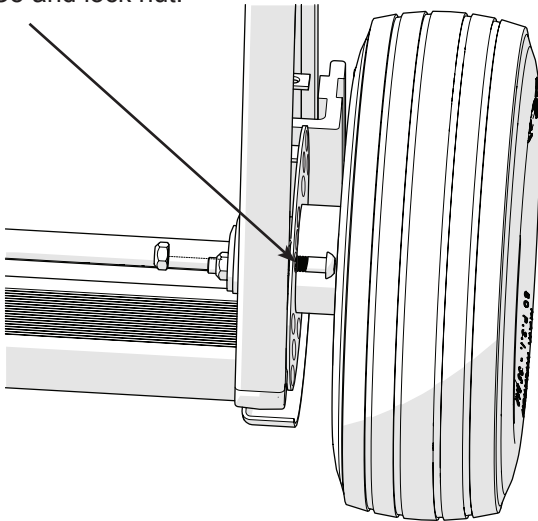


### Step 4

(3/16" Allen wrench, 1/2" wrench)

Install the C5 stair climber (A) using the 5/16"-18 x 1-1/2" long bolt (E), washer (H) and 5/16"-18 lock nut (G). Finger tighten only for now.

Tip: Rotate the wheel so that the bolt passes through a cutout in the rotor on its way to the washer, C5 and lock nut.



*Extended View.*  
*Please note - brake caliper, brake line and wheel not shown for simplicity.*

## Step 5

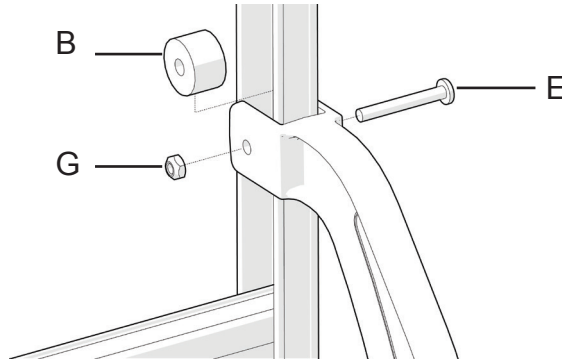
*(7/16" wrench and #3 Phillips screwdriver)*

Rotate the C5 stair climber upward to meet the frame; you may need to pull outward gently at the top so that the C5 connects with the frame.

For 39" frames: use the screwdriver to punch a hole through the red stripe. A hole will exist in the frame.

For 60" frames: drill a hole in the frame using a  $\varnothing$  .281 (size K) drill bit and motor. Use the hole in the top of the C5 as a guide.

Install 1/4"-20 x 1-7/8" long screw (D), spacer (B), and 1/4"-20 lock nut (F). Fully tighten to 50-60 in.-lbs. torque.



## Step 6

Fully tighten hardware in Step 4 to 100 120 in.-lbs. torque.