

# FIRST TEAM SPORTS, INC.

## Slam Series Assembly Instructions

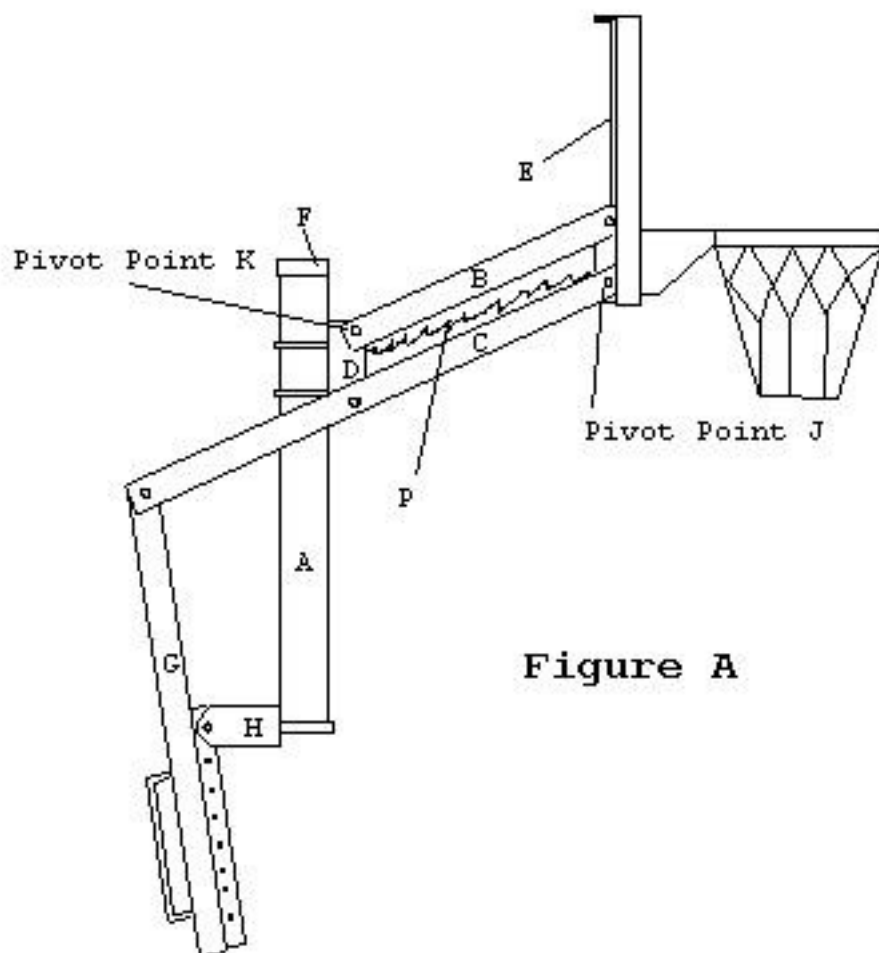


Figure A

### **Bill of Materials**

A (1) Installed Omni Post	H (1) Pin Adjustment Bracket	O (8) ½" Nylon Flat washer
B (2) Short Extension Arm	I (1) ½" x 8" Adjustment Pin	P (2) Lift Spring
C (2) Long Extension Arm	J (5) ½" x 11" Hex Bolt	Q (4) 5/16"x 1" Machine Screw
D (1) Extension Arm Support	K (5) ½" Locknut	R (4) 5/16" Flat washer
E (1) I-Frame B-board Mounting	L (3) ½" x 4" U-Bolt	S (4) 5/16" Lock washer
F (1) 4" Square Post Cap	M (6) ½" Lock washer	T (4) 5/16" Hex Nut
G (1) Adjustment Handle	N (6) ½" Hex Nut	

**NOTE: Immediately unpack all components and cross check against bill of materials. Report any shortages to First Team customer service at 1-888-884-6677.**

1. Using ½" x 4" U-Bolts, lock washers and nuts attach the extension arm support to the vertical pole either at desired rim height or at ground level. If you choose to bolt extension arm support up high first, the bottom of the extension arm support should be bolted 93 ½" up from playing surface.
2. Loosely attach all four extension arms to the extension arm support using ½"x 11" hex bolts, ½" nylon flat washers and hex nuts. (The short extension arms go on top and the nylon flat washers go between the extension arms and the extension arm support to prevent paint rubbing)
3. Using the 5/16" hardware provided with your backboard, bolt the I-Frame Backboard Mounting (as shown in Figure B) to the center four holes located at the top of your backboard. Remove and discard the plastic shipping block located at the backboard joint
4. READ THIS ENTIRE STEP BEFORE PROCEEDING: Attach desired rim loosely with the hardware provided in the rim box. Rim should bolt through backboard and into I-Frame. ATTENTION: If your backboard is ACRYLIC (FT210, FT215, or FT220) be sure to sandwich one black rubber gasket (provided with backboard) between the backplate of the rim and the face of the backboard and the other gasket between the Backboard I-Frame support and the backside of the backboard when attaching rim. Trim gaskets if necessary. ATTENTION: If your backboard is TEMPERED GLASS (FT216 or FT221) your backboard should have (4) aluminum core grommets inserted into the glass where the rim bolts through. If they are not in the backboard, look in the box, they may have fallen out during shipping. If you cannot locate all four aluminum cores, DO NOT PROCEED WITH ASSEMBLY, call First Team immediately, 1-888-884-6677.
5. Using the 5/16" hardware provided in the bolt bag, attach the I-Frame bottom angle to the bottom four holes in the backboard aluminum frame as shown in Figure B.
6. Attach the Backboard/I-Frame/Rim assembly to the lower set of arms using a ½"x 11" hex bolt and locknut. Use one nylon flat washer between both extension arms and the I-Frame backboard support.
7. Attach upper set of arms to the Backboard/I-Frame/Rim assembly using a ½" x 11" hex bolt and locknut. Use one nylon flat washer between both extension arms and the I-Frame backboard support.
8. Tighten all bolts except where extension arm support mounts to the vertical pole. Make sure rim is square with the backboard, etc.
9. If you are working at ground level, slide the entire assembly up the vertical post until the bottom of the extension arm support is 93 ½" above the playing surface. Make sure entire project is level and square, tighten U-Bolts now. IMPORTANT! Do not overtighten U-Bolts, this can cause damage to the extension arm support. Just tighten U-Bolts until they are snug.

10. Using a  $\frac{1}{2}$ " x 4" U-Bolt, lock washers and nuts, attach the Pin Adjustment Bracket to the back side of the vertical post so the bottom of the bracket is 47  $\frac{1}{4}$ " above the playing surface, tighten it now. Do not overtighten U-Bolts.

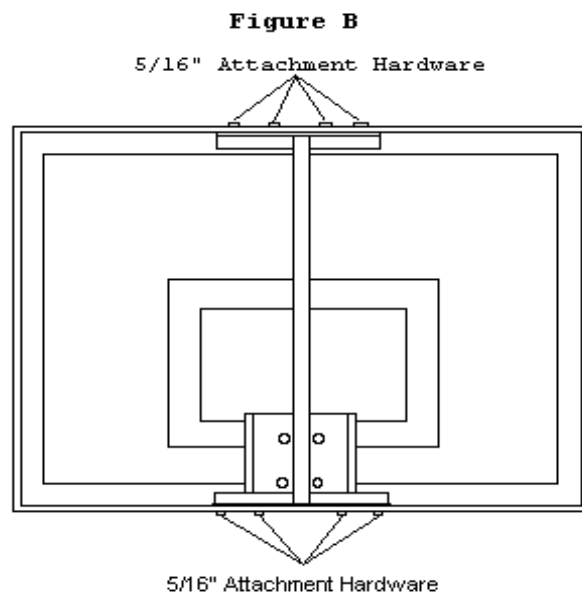
11. At this time it is necessary to work on the pin adjustment bracket so the 8" adjustment pin glides freely in and out. Because the pin adjustment bracket is designed with a "net fit" on the adjustment pin it is important to lubricate the pin, (we suggest vaseline) this will allow free movement through the tubes. After the pin has been lubricated, try pushing it all the way through the tubes on the pin bracket. If this is still difficult the bracket ears may have become misaligned while tightening the U-Bolt. You can correct this by using a crescent wrench to slightly bend ears back to their original position allowing the pin to glide freely in and out. Lubricate pin every six months.

12. Bolt on the Adjustment Handle to the lower set of arms using a  $\frac{1}{2}$ " x 11" hex bolt and nut.

13. With some help, pull down on the adjustment handle and pin the unit at ten feet using the  $\frac{1}{2}$ " x 8" adjustment pin. (You will pin it in the top hole on the adjustment handle)

14. Attach (2) lift springs from pivot point J to pivot point K as shown in Figure A. You may find it helpful to loop a rope over pivot point K and attach it to one end of the spring. Then with the spring already attached to pivot point J pull down on the rope, extending the spring until it hooks itself over pivot point K.

15. Make sure all nuts are tight and project is still level and square.



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# FIRST TEAM SPORTS, INC.

## OMNI PORTABLE BASE

### Assembly Instructions



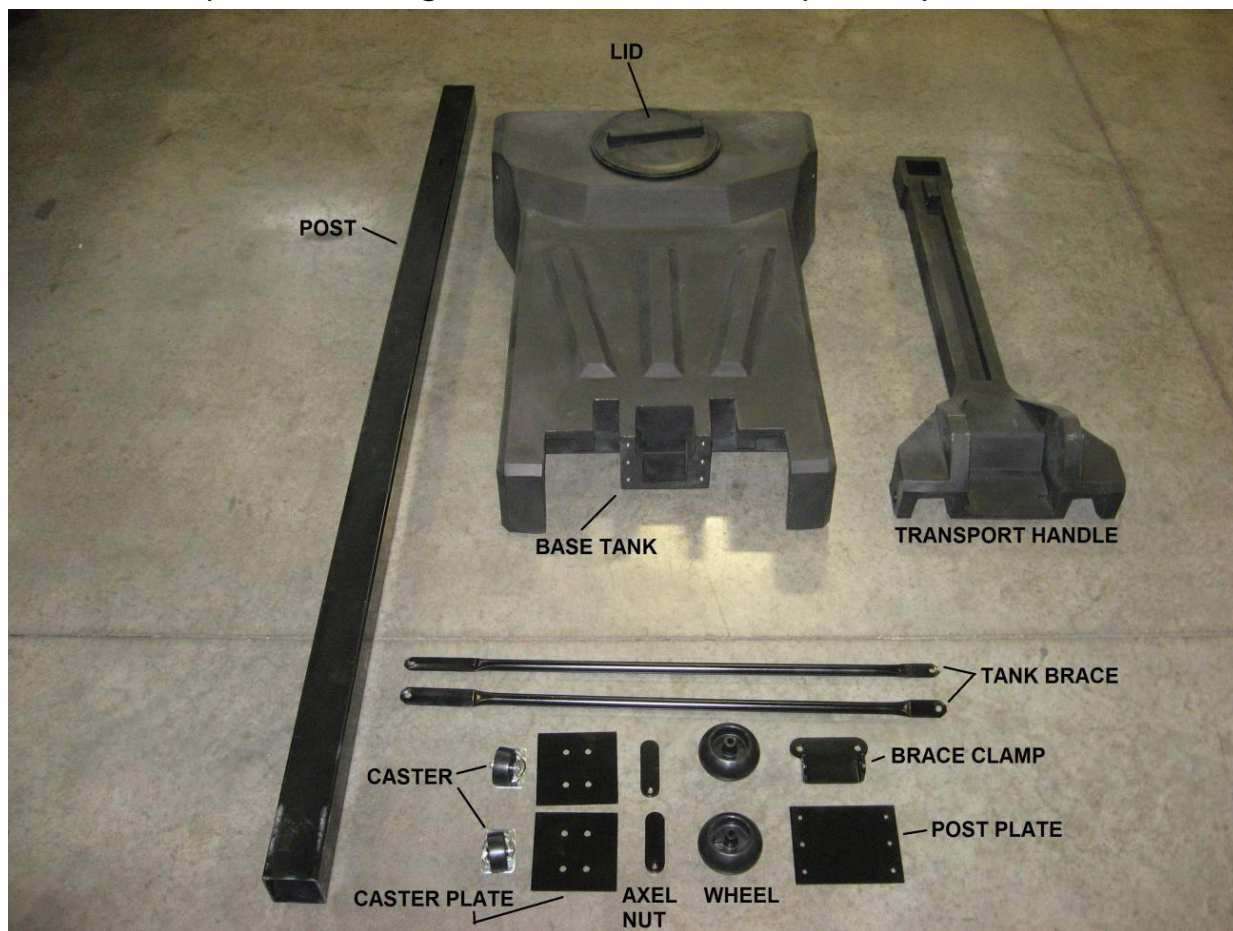
### HARDWARE BILL OF MATERIALS

Below is a list of the nuts and bolts needed to assemble the Omnibase.

- |                            |                             |
|----------------------------|-----------------------------|
| (14) 5/16" x 3/4" Hex Bolt | (1) 1/2" x 4" Square U-Bolt |
| (14) 5/16" Lock Washer     | (2) 1/2" x 6" Hex Bolt      |
| (2) 3/8" x 1" Hex Bolt     | (2) 1/2" x 6" Hex Bolt      |
| (2) 3/8" x 1 1/4" Hex Bolt | (2) 1/2" Lock Washer        |
| (4) 3/8" Flat Washer       | (2) 1/2" Hex Nut            |
| (4) 3/8" Lock Washer       | (2) 1/2" Center Lock Nut    |
| (2) 3/8" Hex Nut           |                             |

## COMPONENT BILL OF MATERIALS

Below is a photo showing the name of each component part.



### STEP 1

Turn BASE TANK upside down. Place one CASTER PLATE into each caster cavity at the back of the tank being sure to align the holes in the CASTER PLATE with the threaded inserts molded into the BASE TANK cavity as shown below.



### STEP 2

Place one CASTER on top of each CASTER PLATE being sure to align the holes in the CASTER to the holes in the CASTER PLATE and threaded inserts in the BASE TANK. Secure each CASTER to BASE TANK using (4) 5/16" x 3/4" hex bolts and (4) 5/16" lock washers as shown below. NOTE: DO NOT OVERTIGHTEN BOLTS. Tighten until lock washer is smashed flat.





### STEP 3

Turn BASE TANK right side up again. Remove LID and pour a minimum 400 lbs. of sand (maximum 500 lbs.) into the BASE TANK. 60 lb. Sand tubes are available for purchase at any home builders supply store. DO NOT USE WATER- WATER MAY LEAK FROM BASE CAUSING IT TO BECOME UNSTABLE - DO NOT USE WATER!

Replace LID.



### STEP 4

Secure POST to front of BASE TANK using the POST PLATE as shown below. Secure POST using (6) 5/16" x 3/4" hex bolt & (6) 5/16" lock washer. DO NOT OVERTIGHTEN BOLTS. Tighten until lock washer is smashed flat.



### STEP 5

Check POST for level side to side as shown below. If POST needs adjustment, slightly loosen 5/16" hex bolts and adjust the POST until level. Tighten bolts when POST is level side to side. NOTE: YOU WILL LEVEL THE POST FRONT TO BACK IN A LATER STEP.



### STEP 6

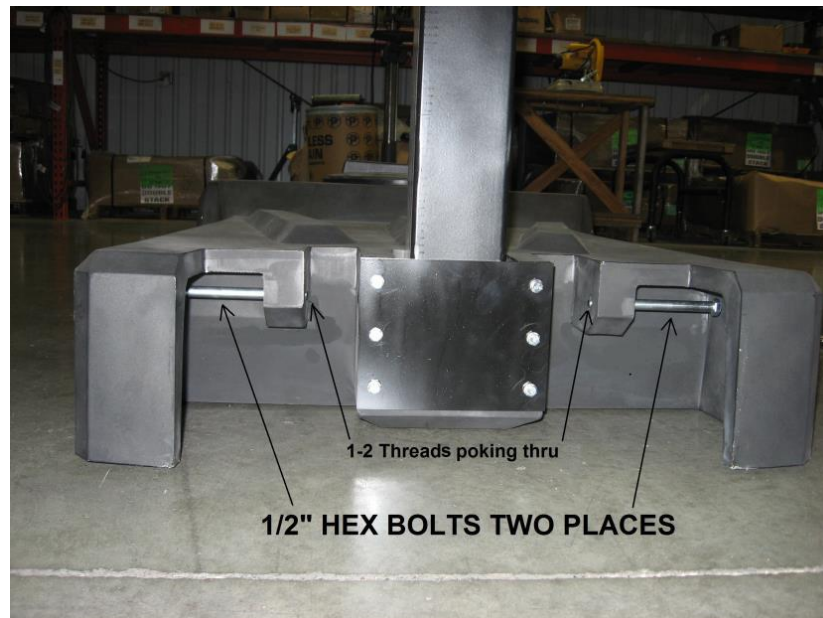
Assemble the WHEELS to the TRANSPORT HANDLE using (1) 1/2" x 6 1/2" hex bolt and (1) 1/2" center lock nut per WHEEL as shown below. You can identify the 1/2" center lock nuts by the small square indentation on the side of the nut. Regular 1/2" hex nuts do not have this mark. Tight 1/2" center lock nuts until they touch plastic handle. DO NOT OVERTIGHTEN!





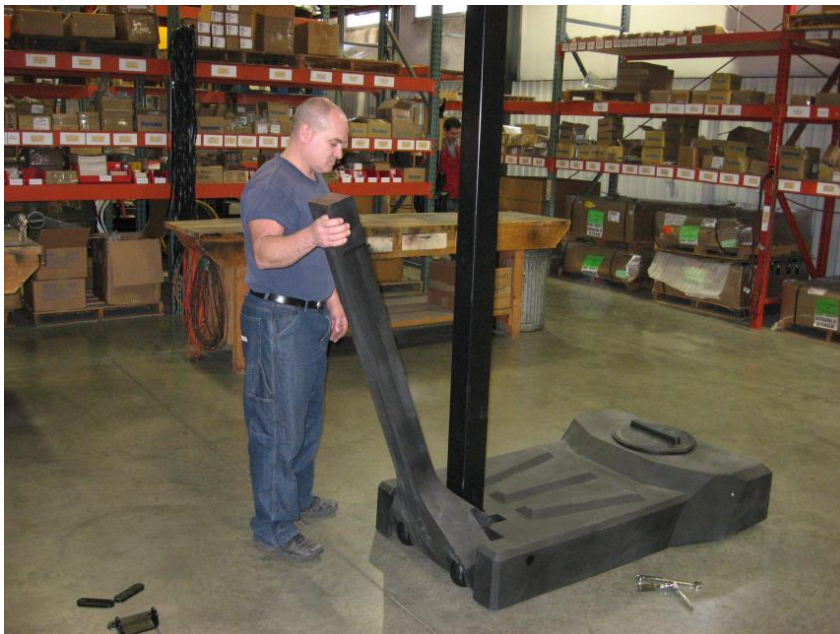
### STEP 7

NOTE: You will need a ratchet with  $\frac{3}{4}$ " socket and long extension for the following steps. Insert (2)  $\frac{1}{2}$ " x 6" hex bolts into BASE TANK as shown below. Be sure to insert bolts with no more than 1-2 threads peeking out the opposite side of the hole for now.



### STEP 8

Position TRANSPORT HANDLE into place as shown below. Push each  $\frac{1}{2}$ " x 6" hex bolt through TRANSPORT HANDLE until 1-2 threads peek through the opposite side of the handle. TIP: It may help to use the ratchet to rotate the bolt to get it to feed through the hole in the handle.



### STEP 9

### THIS STEP IS VERY TRICKY. IT MAY TAKE SEVERAL ATTEMPTS!

Grab the AXEL NUT with the threaded hole pointing down. Slide (1) AXEL NUT between the side of the POST and the BASE TANK as shown. Line up the threaded hole in the AXEL NUT with the  $\frac{1}{2}$ " x 6" hex bolt. Use ratchet to thread bolt into AXEL NUT securing the TRANSPORT HANDLE to the BASE TANK. Repeat for opposite side. DO NOT OVERTIGHTEN. Tighten until AXEL NUT puts pressure on inside edge of BASE TANK.



Photo above shows sliding AXEL NUT down into place



Photo above shows AXEL NUT properly secured.

After completing second AXEL NUT, TRANSPORT HANDLE should hinge forward properly raising unit onto front wheels.

#### STEP 10

Loosely connect BRACE CLAMP to back side of POST using (1) 4" square U-bolt, (2) ½" lock washer and (2) ½" hex nut as shown below. U-bolt should be approximately 20" above top of BASE TANK. Do not tighten nuts yet.



### STEP 11

**For this step please note the TANK BRACES smashed ends. One end is smashed shorter than the other. The LONG smash attaches to the back of the BASE TANK, the short end connects to the BRACE CLAMP.**

Attach TANK BRACES to back of BASE TANK. Locate one threaded insert on the left and right sides of the BASE TANK near the back. Using (1) 3/8"x 1" hex bolt, (1) 3/8" flat washer and (1) 3/8" lock washer, loosely attach TANK BRACE (long smash end) to back of BASE TANK. Do not tighten bolts.



TANK BRACE- Long smash

### STEP 12

Using (1) 3/8" x 1 1/4" hex bolt, (1) 3/8" flat washer, (1) 3/8" lock washer and (1) 3/8" hex nut, connect each TANK BRACE to the tabs provided on the BRACE CLAMP. Make sure to insert the hex bolt with threads pointing in toward center of the BRACE CLAMP. Flat washer goes on the bolt head side. Lock washer goes on hex nut side. Do not tighten bolts yet.



TANK BRACE- Short smash



### STEP 13

Using a level, check the post front to back for plumb as shown in the photo below. You may need to slightly adjust where the BRACE CLAMP is located on the post up or down to get post perfectly level front to back. When it is level, tighten all bolts on the BRACE CLAMP including U-bolt and bolts at both ends of the TANK BRACES.



### STEP 14

Test roll the unit. Stand in front of the BASE TANK and grab the top of the TRANSPORT HANDLE and pull the handle toward you. This will cause the front WHEELS to engage. This should allow you to roll the unit across the ground as if you were pulling a wagon. Carefully raise TRANSPORT HANDLE back to original position for play.

ASSEMBLY OF THE OMNIBASE UNIT IS COMPLETE. YOU SHOULD HAVE RECEIVED ADDITIONAL ASSEMBLY INSTRUCTIONS WITH THE OTHER COMPONENTS OF YOUR SYSTEM. FOLLOW THOSE INSTRUCTIONS TO COMPLETE THE SETUP OF YOUR UNIT. IF YOU HAVE QUESTIONS CALL FIRST TEAM AT 1-800-649-3688.