



Assembly Instructions

Parts List:

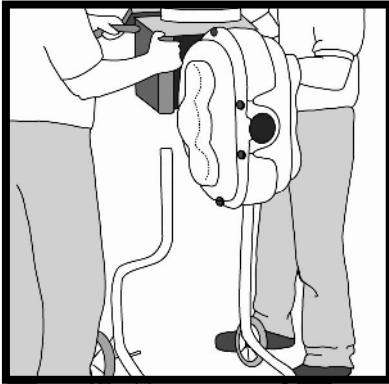
The SAM commercial ball machine is shipped in two boxes.

Box One is the Frame Assembly and contains the following parts:

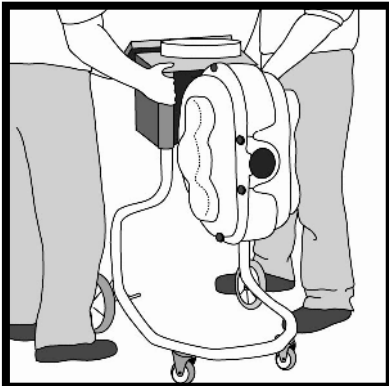
- a. Right Frame Leg x 1
- b. Left Frame Leg x 1
- c. U Frame x 1
- d. Ball Hopper x 1

Box Two is the Ball Delivery Unit and contains the following parts:

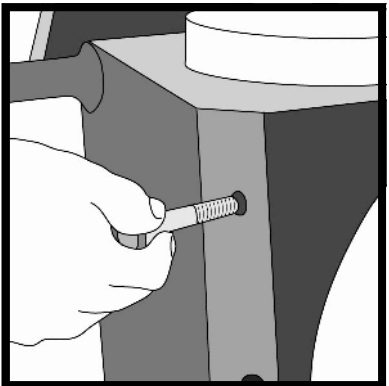
- a. Ball Delivery Unit x 1
- b. Right Handle x 1
- c. Left Handle x 1
- d. 3/8- 16 x 2" Hex head cap screws (HHCS) for frame assembly x 4
- e. 3/8 lock washers for frame assembly x 4
- f. 1/4 - 20 x 1/2" Phillips pan head screws for ball hopper x 4
- g. 1/4 washers for ball hopper x 4
- h. 3/8 - 16 x 2 1/2" hex head cap screws for ball delivery unit x 4
- i. 3/8 lock washer for ball delivery unit x 4
- j. 1/4 - 20 x 3/4" button head cap screws for handles x 4
- k. 1/4 lock washers for handles x 4



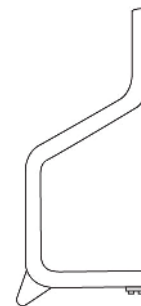
10. Using two people, slide the Ball Delivery Unit on the Frame Assembly Tubes. Attach the Ball Delivery Unit to the Frame Assembly using the 3/8 - 16 x 2 1/2" (HHCS) and the 3/8 lock washers. Tighten firmly.



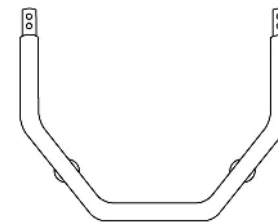
11. Tighten firmly the HHCS mentioned in step 3 and 4 used to attach the left and right leg frame to the U Frame.



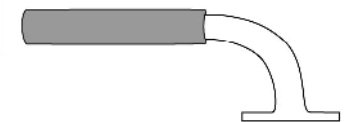
12. Attach the Ball Hopper to the Ball Delivery Unit using the 1/4 - 20 x 1/2" Phillips pan head screws and 1/4 washers. CAUTION: Hopper should have a rubber O ring ball separator attached. Position the hopper so that the ball separator is over the drop hole. If the O ring is missing or assembled incorrectly, one will experience double firing and ball jams underneath the carousel.



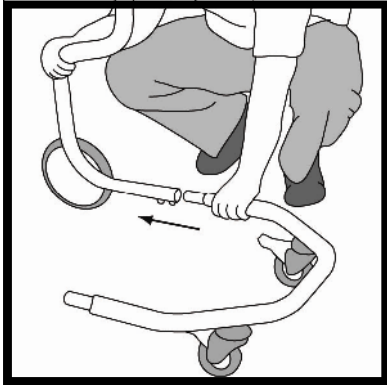
Frame Leg



U Frame



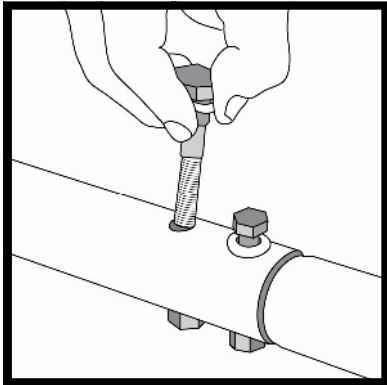
Handle



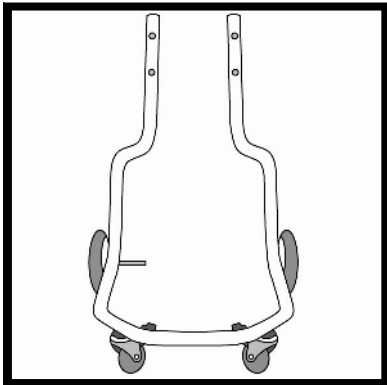
1. Open Box One that contains the Frame Assembly.

2. Confirm that all parts listed for Box One are present. If any parts are missing, please call Master Sports at 800-837-1002.

3. Attach Right Frame Leg to the right side of the U Frame using the 3/8-16 x 2" (HHCS) and 3/8 lock washers. Tighten the HHCS until snug. Do not fully tighten at this stage.

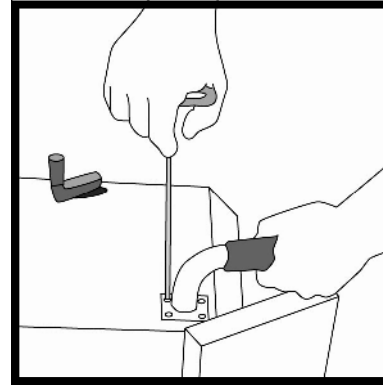


4. Attach the Left Frame Leg to the left side of the U Frame using the 3/8-16 x 2" (HHCS) and 3/8 lock washers. Tighten the HHCS until snug. Do not fully tighten at this stage.



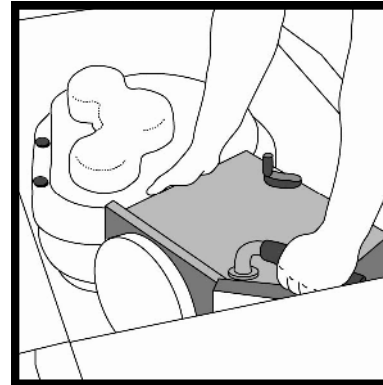
5. Open Box Two that contains the main assembly.

6. Confirm that all parts listed for Box Two are present. If any parts are missing, please call Master Sports at 800-837-1002.



7. While the Ball Delivery Unit is still in the box, attach the Left Handle to the Ball Delivery Unit using the 1/4 - 20 x 3/4" button head cap screws and the 1/4 locking washer.

8. Using the Left Handle and the main assembly mounting tube, lift the Ball Delivery Unit out of the box and set it on the foam. **WARNING:** Do not lift the Ball Delivery Unit out of the box using the white plastic head. Doing so may cause damage to the plastic housing. **CAUTION:** The removal of the Ball Delivery Unit from the box requires two people.



9. Attach Right Handle using the 1/4- 20 x 3/4" button head cap screws and the 1/4 locking washer.

