

# ***EASY DUNKER***

## ***Set-up/Safety***

## ***Instructions***



***1 800 637-3656 ~ [www.twisterdisplay.com](http://www.twisterdisplay.com)***

# ***EASY DUNKER***

## ***Packing List***

<b><u>Description</u></b>	<b><u>Quantity</u></b>
Dunking Tank Unit	1
Canvas (Vinyl)	1
Protective Cage	1
Light Kit	1
Hitch Tongue	1
Hitch Pins	2
7" Target	1
Target Arm	1
Dunk Tank Balls	12
Ball Bungees	5
Light cable extension	1
Carriage Bolts 1/4"	8
Lock Washers 1/4"	8
Flat Washers 1/4"	8
Nuts 1/4"	8



# EASY DUNKER

## Initial Assembly

1. Remove all packing, and remove unit from pallet. (**NOTE: Trailer and tank are one unit, do not try to separate!**)
2. Remove cage from front of tank. Turn cage over and line the holes in the cage with the holes along the top of the tank. Drop a 1/4" carriage bolt through each hole. Then put on a flat washer, lock washer, and nut and tighten down. Start at one end of the cage and work your way around to the other end. (**See Figure 1.**)

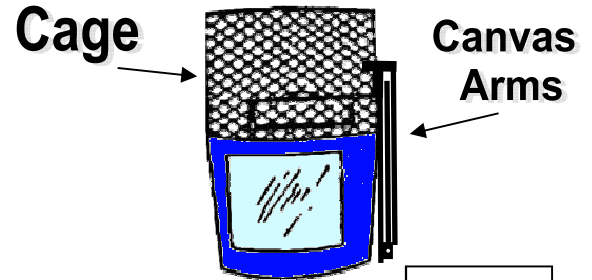


Figure 1

3. Slowly tilt tank onto its wheels. As you face the back of the trailer (this is actually the top of the tank), place the tail-light marked "road side" next to the left side light bracket, and place the light marked "curb side" next to the right side light bracket. Pull out enough cable so that the plug will just reach the bottom of the tank. (**NOTE: You do not want the cable to go past the bottom of the frame, or the cable will get damaged under the frame as it gets tilted into the upright position.**) Run the light cord along the bottom of the trailer frame, using electrical tape or zip ties to attach the cables to the underside of the frame.
4. Run the yellow/brown cord to the "road side" (left) bracket and feed it through the hole in the bracket. Run the green/brown cord to the "curb side" (right) bracket and feed it through the hole in that bracket. Cut off the excess cable on both sides and strip about a 1/4" of insulation off the ends. Insert the ends of cable into their respective holes in the back of the light units. (The white cable can be used for grounding purposes.) Using the nuts included in the light kit attach lights to the brackets.

Using electrical tape or zip ties, attach the light cable extension to the tongue. It should extend a couple of feet past the hitch to allow enough slack for turns and the other end should stop about halfway down the length of the tongue where it would meet the light cable plug on the tank frame when the tongue is in place. After the trailer is hooked up to a vehicle, **be sure to test the turn signals and brake lights before towing.** (**See Figure 2.**)

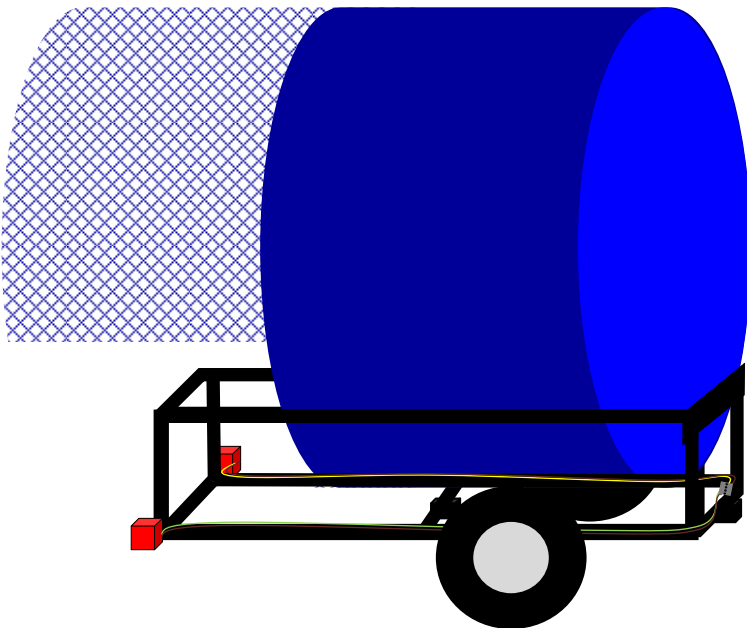


Figure 2

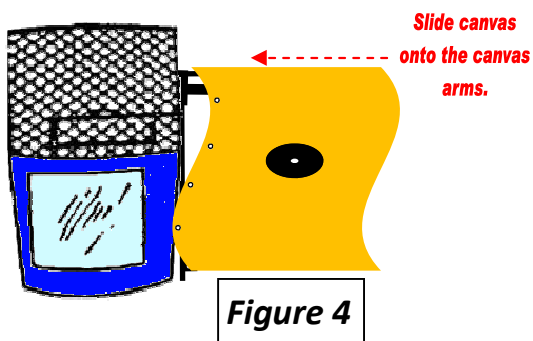
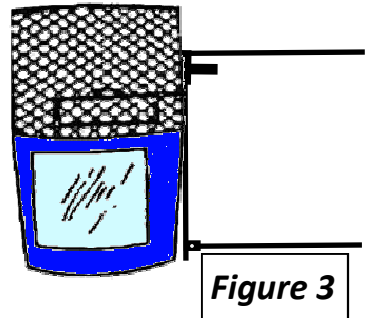


# **EASY DUNKER**

## **Operating Instructions**

### **SET UP**

1. Select a level area for set up.
2. Unhook trailer and lights from tow vehicle and roll to set up area. (NOTE: Trailer and tank are one unit, do not try to separate!)
3. Raise tongue end of trailer and remove hitch pins from tongue bar. Slide tongue bar out and replace pins in bar.
4. Slowly lift up and set tank upright. (Be careful not to drop tank onto its bottom.)
5. Remove the transportation chains from around the arms. Drop the Bottom Canvas Arm into the horizontal position. Remove the pin securing the Top Canvas Arm from its (vertical) transportation position and put in into its horizontal position, securing it with the pin. (See Figure 3.)



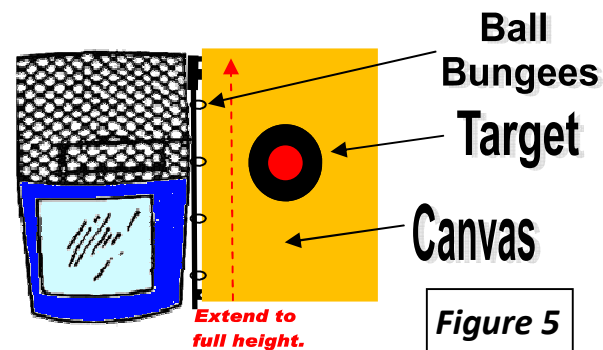
4. Slide the canvas onto the top and bottom canvas arms. (See Figure 4.)

5. Extend top canvas bar to full height, and use the ball bungees to secure canvas to the vertical bar. (See Figure 5.)

6. Place the arm into the trigger mechanism. Put the other end trough the hole in the canvas. Make sure the arm drops into the tube on the side of the

frame. Insert the target into the end of the arm, and screw tight.

7. Place one hand on the front of the seat and push down. With the other hand test the target to see that it works properly.
8. Check drain plug to make sure it is tight and then fill tank to the top with water (approx. 500 gallons).
9. REVIEW SAFETY RULES WITH ALL PARTICIPANTS.

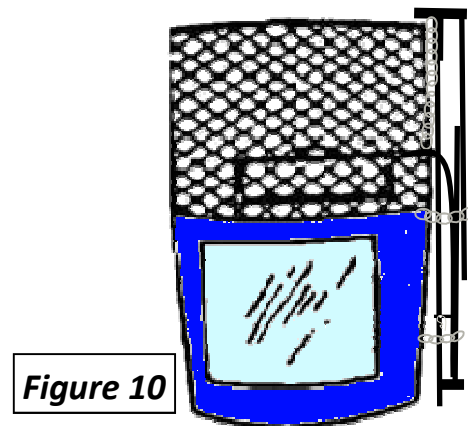
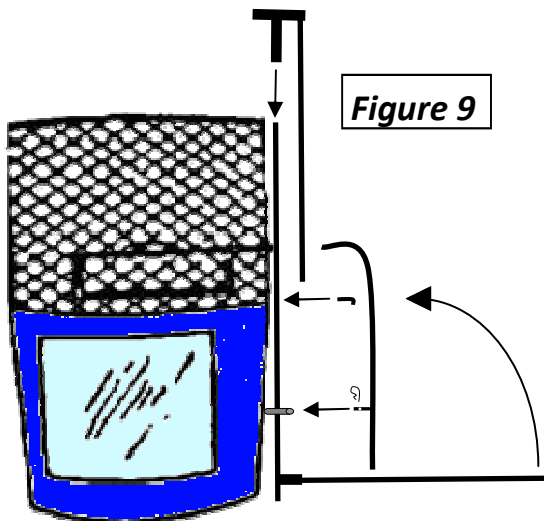


# **EASY DUNKER**

## **Operating Instructions**

### **TOWING**

1. **Be sure the chains are wrapped around the canvas arms and secured.** Then slowly tilt tank back onto its wheels. Place seat in its "up" position and lock.
2. Insert hitch tongue and **use both pins to secure it.**
3. Attach trailer to vehicle. **Put pin or bolt through hitch release lever and secure. Attach safety chain to vehicle. NOTE: Always use all safety chains (both on the tow bar and on the canvas support arms) when towing.**
4. Hook up lights to tow vehicle, and be **sure to test the turn signals and brake lights before towing.**
5. Place target arm into the sleeve on the side of the frame and secure it with the cotter pin. **(See Figure 9.)**
6. Fold bottom canvas arm upward. **(See Figure 9.)**
7. Remove upper canvas arm and rotate 90 degrees and place on the vertical bar, **securing it with the hitch pins.** **(See Figure 9.)**
8. **Wrap both canvas arms and target arm with BOTH chains.** **(See Figure 10.)**
9. **Be sure to attach upper canvas support arm chain.** **(See Figure 10.)**
10. Place target and balls safely in vehicle.



# EASY DUNKER

## Operating Instructions

### OPERATION

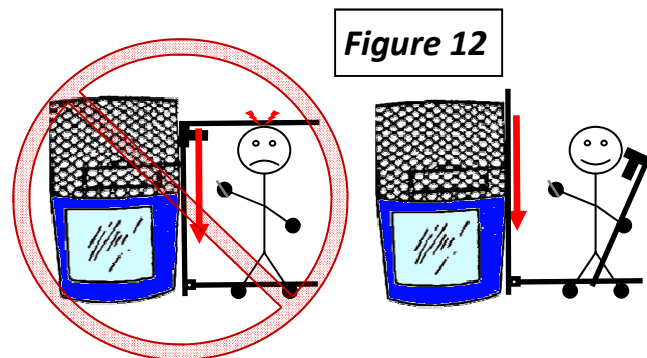
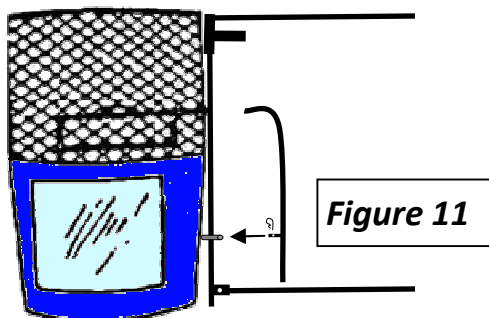
1. Check to see that seat is properly locked and is released when the target is pressed. Be sure to show this operation to the person who will be on the tank as they will need to know how to reset the seat and trigger mechanism each time it is released, before they get back onto the seat. Instruct them to use the grip handles for support when climbing up out of the tank. *Also, be sure instruct the dunkee on the proper use of the seat safety latch, which is located behind the seat, to keep it secure until they are ready to be dunked.*

*Please remind the dunkee to keep their hands on their knees and sit forward on the seat.*

2. Use ONLY the balls that came with the EASY DUNKER.
3. Monitor water level to keep it full.

### TAKE DOWN

1. As soon as you are finished using the dunker, open the drain and let the tank empty.
2. Remove target and target arm. Stow the target arm on the side of the frame, inserting the pin into the tube. Secure with a cotter pin. **(See Figure 11.)**
3. Remove the pin and carefully lower the top canvas arm, and remove canvas. **(See Figure 12.)**
5. Lift the bottom canvas arm. Rotate the top canvas arm into its (vertical) transport position and secure with pin. **Be sure both top and bottom chains are wrapped around the canvas arms and the target arm. Also, be sure to attach upper canvas support arm chain.**
2. Then slowly tilt tank back onto its wheels.
5. Place seat in its "up" position and lock.
6. Insert hitch tongue and use both pins to secure it.
7. Attach trailer to vehicle. Put pin or bolt through hitch release lever and secure. **Attach safety chain to vehicle.**
8. Hook up lights to tow vehicle, and be sure to test the turn signals and brake lights before towing.
9. Place target, target arm, and balls safely in vehicle.



# ***Easy Dunker / EconoDunker Maintenance***

For both ***Easy Dunkers*** & ***EconoDunkers***...

- Periodically, check tank and frame for any sharp edges.
- Check seat hinges, bolts and seat spring to be sure that they are solid and secure. Replace if they show signs of wear.
- Replace any parts that show signs of wear.
- **Do not use Windex** (or any other ammonia-based product) on the dunk tank window. Windows can be easily cleaned using a sponge or cotton cloth, warm water, and a mild dish detergent. The window should be rinsed with cold water and dried with a cotton cloth to reduce water spots. In rare instances in which soap and water are insufficient, the following agents may be used (at room temperature): methyl alcohol, ethyl alcohol, isopropyl alcohol, heptane, hexane, petroleum ether, VM&P naphtha.
- **Do not replace window with Plexiglass.** Note: We have replacement window kits available. If you find it necessary to replace a window, be sure to only use an impact resistant polycarbonate. Anything else will burst on impact, resulting in a dangerous situation.

For ***Easy Dunkers*** (with trailer) only....

- ♦ Check the wiring for the brake lights for any cuts or crimps.
- ♦ Always check brake lights and turns signals, before towing.
- ♦ Check the rope to hold wing frame against tank for wear.
- ♦ Check safety chain and BOTH tongue pins.
- ♦ Replace any parts that show signs of wear.



# **EASY DUNKER**

## ***Safety Rules***



***Be sure to review ALL safety rules with dunk tank operator and all "dunkees" prior to use.***

- ◆ Easy Dunker must always have an adult operator on duty when in use.
- ◆ When tank is going to be unattended, always drain water. NEVER LEAVE A DUNK TANK FILLED WITH WATER UN-ATTENDED!
- ◆ Cordon off a "danger zone" in front of, to the sides of, and behind the tank. Keep people out of the zone to avoid getting hit by an errant or deflected throw. Children should never be allowed inside this "danger zone."
- ◆ Never place the dunk tank on a platform or stage. (NOTE: When filled the dunk tank weighs over 4,500 pounds.)
- ◆ Keep Easy Dunker away from electricity.
- ◆ Keep water level filled to at least 8" from the top of the tank.
- ◆ Only one person at a time should be allowed on the seat or in the tank.
- ◆ Keep all non-swimmers, anyone less than 5' tall, or over 250 pounds off of the tank.
- ◆ Anyone with medical conditions which may place limitations on their physical exertion (such as, but not limited to: heart condition, pregnancy, back injury, etc.) should stay off of the dunk tank.
- ◆ To keep from slipping, the dunkee must always wear rubber sole shoes.
- ◆ **Before** (and each time) the dunkee climbs onto the seat, they must first make sure the seat is securely locked in place and that the safety latch is engaged.
- ◆ The dunkee should use the handles to assist in climbing out of the tank and for getting back up onto the seat after being dunked. However, the dunkee must not hold onto the handles while being dunked.
- ◆ The dunkee must move toward the front of the tank when coming up out of the water to avoid hitting their head on the seat.
- ◆ Never use hard balls.
- ◆ Never stand or kneel on seat.
- ◆ When being dunked, the dunkee must keep hands on knees and sit forward on the seat.
- ◆ Do not allow anyone to hit target with hands.
- ◆ Do not operate Easy Dunker during a storm.

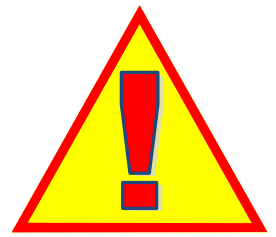
***Be sure to have all dunk tank operators and all "dunkees" read and initial ALL safety rules.***





# **EASY DUNKER**

## ***Safety Rules***



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- \_\_\_\_\_ Do not operate Easy Dunker during a storm.

I have read and agree to comply with all of the above safety rules.

Signed: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_