



DOWNPOUR DERBY™
2007 MODEL
ITEM 5010

OPEN ME FIRST!
**INITIAL SETUP
AND USE
INSTRUCTIONS
ENCLOSED**

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BEFORE PLAYING: INITIAL SETUP

1. Inspect all game parts (see picture/list on p. 6)
2. Attach handles to pumps. It's important to follow these directions carefully; improper attachment of handles can result in losing bolts and handles falling off:
 - Detach one nut from end of bolt sticking out of handle bottom
 - Place the detached nut in the inset of the rotating pump arm
 - Insert bolt through the nut in the rotating pump arm; use screwdriver to turn head of bolt (inside handle) so that it tightens enough so bolt end is flush with handle edge – do not go further than this
 - Tighten the other nut against base of handle
3. Prepare the water tank (attach float valve, tank wall fittings and install water filters – see separate instructions packed with tank)
4. Affix the 3 Downpour Derby logo labels: Ensure surfaces are clean and dry. Peel off the protective backing and place on surfaces.
 - The 2 smaller labels go on the black pump stands – you choose whether you'd like them on ends (as in pictures) or sides of stands
 - The larger label goes on the 10 gallon water tank – you choose which side
5. Try/fit all parts into the Carry Bag Set (see separate bag instructions)
6. If you want to download photos and logos of Downpour Derby go to www.downpourderby.com, photo/video gallery page, click “downloads” and enter:
Username: owners
Password: splursh99
7. If you'd like to add weight to the pump stands, take off plastic cap on top, and fill with each pump stand with sand (sand not included). Then replace the cap. This can add stability for aggressive play.



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EVERYDAY SETUP AND USE INSTRUCTIONS

Revision: 6/13/2007

Assembly time: 10-15 minutes

Tools needed: Phillips' head screwdriver

Important caution: Assemble/play on **LEVEL GROUND** only. Ensure adequate drainage for spilled water to avoid slips and falls. Do not play in thunderstorms or when lightning is near. Play only with clean water in warm weather. Operator is responsible for safety. Adult supervision required.

Setup Overview:

1. Lay out all parts on level ground.
2. Set up the **vertical leg assembly** by extending all 4 legs and locking the horizontal cross stabilizers
3. Attach **pump stands** to **base "T" platforms** (do this twice)
4. Connect the **base "T" platforms** to the **water tank tray**, and place tank on the tray
5. Place and lock the **vertical leg assembly** to the **base "T" platforms**, extend diagonal leg stabilizers and connect the pump stand stabilizers
6. Place and lock the **bucket structure** on top of the **vertical leg assembly**
7. Place and lock the **gooseneck spouts** on top of the **bucket structure**
8. Attach all **hoses**

Step 1: Lay out all parts – Parts include:

- Base "T" platforms (2),
- Pump stands with rotary pumps and attached pump stand stabilizer bars(2),
- water tank tray (1),
- short tank-to-pump water hoses (2),
- 10-gallon self-refilling water tank (1),
- vertical leg assembly (1),
- long pump-to-spout water hoses (2),
- bucket structure (2),
- gooseneck spout (1)

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Step 2: Set up the vertical leg assembly.

This is the “backbone” of your game and it’s important to set it up correctly to ensure stability: All of its parts get locked in place before it’s placed on the game base.

- Stand the leg assembly vertically, and spread all 4 legs.
- Find the legs with diagonal angles (not big bolts) at bottom. Swing down/pivot the attached stabilizing plates (in middle of leg) so that they are horizontal. Connect to the opposite leg by inserting the attached stainless steel pin through the pre-drilled holes in the plate ends and leg. Then, position the vertical aluminum shaft to the center of the horizontal stabilizing plates and insert the stainless steel pin in the center.
- Repeat the same step on the other 2 legs (the ones with the big bolts at bottom) so that the stabilizing plates are locked horizontally. The finished assembly should look like two interlocking “A’s” with a vertical line through the center.

Step 3: Attach pump stands to base “T” platforms

- Turn pump upside down, and note the 4 large bolts underneath. Loosen the bolts so they extend from pump bottom by about ½”
- Slide the square slotted platform of the base “T” platform over the 4 pump stand bolts, so that the pump stand bolts slide into the slots. Tighten the bolts.
- Repeat on the other pump stand/base “T” parts
- Do not connect the yellow pump stand stabilizer bars (yet) - see step 5

Step 4: Connect the base “T” platforms to the water tank tray, and place tank on the tray

- Place the pump stand/base “T” platforms on level ground facing one another with about 24” of space in between.
- Slide one end of the water tank tray into the open end of the base “T” platform. Repeat with the other side so that the base of the game is complete. Lock in with steel pins.
- Place water tank on the water tank tray so that hose connectors (sides of tank) are facing the pumps. Note: filters must be in place inside tank before filling/playing.

Step 5: Place and lock the vertical leg assembly to the base “T” platforms, extend diagonal leg stabilizers, and connect both pump stand stabilizer bars

- Place the fully assembled vertical leg assembly (from Step 2) onto the assembled base “T” platforms, so that the legs with diagonal angles (not big bolts) are aligned with the matching connectors on the base “T” platforms. Lock in place using two attached steel pins on both sides.
- Align the yellow pump stand stabilizer bars so the end hole aligns and locks with the stainless steel pins from the vertical leg assembly connection.
- Adjust lengths of the diagonal stabilizing legs by loosening the big stainless steel nut and turning the big bolt until it firmly touches the ground, then tighten the nut. Repeat on other side. The game base should be level (flat) and the center column straight up.



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EVERYDAY SETUP AND USE INSTRUCTIONS

Step 6: Place and lock the bucket structure on top of the vertical leg assembly

- Slide the vertical channel of the bucket structure into the open top of the assembled/locked vertical leg assembly, so that the buckets are positioned over the pumps.
- Lock in place with attached stainless steel pin(s)

Step 7: Place and lock the gooseneck spouts on top of the bucket structure

- Slide the gooseneck spout part over the top of the center of the bucket structure so that the hose connectors fit through the holes in the bucket structure top plate.
- Tighten the wing nuts on both sides of the gooseneck spout part

Step 8: Attach all hoses

- Connect the short hoses to the water tank and pump bases
- Connect the long hoses from the pump spout to the underside of the gooseneck spout (be sure the water flow will be to the spout/bucket opposite the pump it's connected to – unless you desire to play and soak yourself)
 - Note: Warranty requires using ONLY the hoses provided with game; do not substitute hoses
- Connect a garden hose (not provided) to the brass female hose connector on the water tank's float valve. Turn on the water and play!

PLAYING TIPS:

- Pumping/Spilling Buckets
 - It takes about 15 full pump handle turns to fill and spill each Downpour Bucket.
 - Downpour Buckets spill when about half full – 1 ½ gallons per spill
 - With “Extreme Play Counterweights” (optional extra item) it takes about 25-30 pumps and spills a full bucket – almost 3 gallons
 - Bucket springs reset buckets after each spill
 - The water tank continually refills itself when garden hose is “on”
 - Pumps may show minor drips/water leakage at the hub where handles connect to pump body. This is normal due to back pressure and does not affect pump performance
- Playing options
 - Two players can play until one gets soaked (for fairest play, tip out each bucket manually to be sure it's empty before each race)
 - Two players can play continually – racing to soak one another
 - “Kamikaze” style – reverse hose connections under gooseneck spout so that pumpers get water poured on themselves
 - Relay race – players have to catch spilled water in cups or containers, then run to be first to fill a (different) bucket on the ground.
 - Other creative options will be posted on www.downpourderby.com



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ITEM 5010 – PARTS LIST



Gooseneck spouts (1)

Bucket structure (1)

Long pump-to-spout water hose (2)

Vertical leg assembly (1)

10-gallon self-refilling water tank (1)

Short tank-to-pump water hoses (2)

Water tank tray (1)

Pump stands (2) w/rotary pumps and diagonal stabilizer bars

Base "T" Platforms (2)



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MAINTENANCE AND TROUBLESHOOTING

Your Downpour Derby is constructed of heavy gauge aluminum, stainless steel and unbreakable rubber buckets – won't rust or wear out.

After each use

- Rinse out hoses and water bucket; allow to dry before storage.

Occasional maintenance (as needed):

- Inspect/tighten all screws (holding stainless steel pins), and the bolts on pump handles.
- For easy parts fit/assembly, add a light touch of petroleum jelly (like Vaseline®), silicone lubricant or grease to parts that slide together:
 - Base "T" platform ends / Water tank tray ends
 - Top of vertical leg assembly / bottom of bucket structure
- Clean game unit with regular soap and water, ensure it's dry before storing in bag
- Inspect screen filters in water tanks, and clean as needed so that water flows smoothly (note: filters must be in place at all times for warranty coverage of pumps)
- Bleach the clear hoses annually - and more often as needed (if they get cloudy or moldy inside)
- Surface scratches – Use touch up rustproof paint (like Rustoleum®)– standard yellow and black colors. Steel wool the scratched area, then spray paint as needed.

Troubleshooting:

- Adjusting the buckets
 - The buckets are factory installed so that they pour water at the same rate. If over time adjustments needed, tighten or loosen the bolt(s) underneath the bucket(s).
- Lost parts
 - The hardware on the game is easily replaced:
 - Bolts under the pump stands: 1/4/28 fine thread, 3/4" length, stainless steel
 - Screws holding in the stainless steel pins: 10/32, 5/8" length, stainless steel
 - Wing nuts on gooseneck spouts: 10/32 stainless steel
 - Hoses: 3/4" (inner diameter) clear plastic hoses, with standard garden hose (female end) connectors



2007 Model Carry Bag Set – 3 Bags Item #5021



Water tank and tray, bucket structure
(plus, hoses stored in water tank)



Pumps and "T" base parts. Velcro®
strips inside wrap around to hold pumps
and base "T"s in place



Vertical leg structure including cross-stabilizers