

HAMPTON AMUSEMENT RIDES LLC

*MIB: HAMPTON
RIDE: BOAT RIDE*

7330 Weber Lake Road

Portage Des Sioux, MO 63373

Ph. (314) 899-1729 • 1 (800) 776-1729

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BOAT RIDE (PARK MODEL) SET-UP PROCEDURE

1. Place base in desired location. Solid and near level ground is preferable. Blocking may be necessary to obtain correct alignment and should be done at this time.
2. Attach track supports to base. **DO NOT** tighten bolts at this time. Place four (4) sections of track around base (each section is numbered at adjoining ends) and loosely connect the sections. Connect track support ends to track. To check track alignment, install one vehicle (See Steps 7 and 8). WARNING: Track must be level, use blocking or move ride to another location. When track is level and properly aligned tighten all bolts on track and base.
3. This procedure requires a minimum of three persons for easiest assembly. Position center pole horizontal to base assembly lining up hinge pieces on base and pole (two pieces of hinge are on base, one piece of hinge is on pole). A hammer should be available to drive hinge pin into place. Install 3/4" hinge pin and safety pin, raise center pole to vertical position making sure holes in center pole and base flanges are aligned. Secure pole using 3/4" X 2" bolts. WARNING: Pole must have AT LEAST one of these bolts installed opposite hinge side before allowing pole to stand without support.
4. Install eighteen (18) umbrella ribs. Secure ribs to center pole with thirty six (36) rib pins and thirty six (36) safety pins. WARNING: Be certain all pins and safety pins are properly installed. Telescoping ends of umbrella ribs should be in up and locked position before proceeding to next step.
5. To avoid soiling umbrella have everyone clean hands before installing. Center umbrella on center pole and line up spring clips (sewn to hem of umbrella), fasten clips to ribs. After all clips are fastened, release spring tension on rib ends, this will secure umbrella top in place.
6. Connect electric cables from control box to top ring, bottom ring, motor starter and motor. The cable connectors, male and female, are mated to prevent improper connections. Make certain center pole motor switch (located over gear reducer) is in off position before turning on top ring circuit breaker. Control box contains single pole 30 amp breaker for top ring circuit, three pole 30 amp breaker (for three phase motor) or two pole 30 amp breaker (for single phase motor), and single pole 20 amp breaker for bottom ring. WARNING: DO NOT plug power into main switch box until ride is complete and ready to test. Two switches for the flashing incandescents on the bird cage are located under the cage.

BOAT RIDE (PARK) - SET-UP PROCEDURE (cont.)

7. Place vehicle in desired location on outer edge of track. Remove sweep retaining collar from vehicle hinge shaft. Wipe hinge shaft with oily rag. CAUTION: Sweep retaining collars are NOT interchangeable and must be kept with the original vehicle. Place sweep on vehicle hinge shaft. Reinstall sweep retaining collar by lining up drilled hole in collar and drilled hole in shaft, tighten collar set screw and insert safety pin in collar.

FOR RIDES BUILT BEFORE 1/88

8. Wipe center ring balls with oily rag. Attach sweeps to center ring balls. Tighten ball clamps securely, move vehicle in a forward and backward motion, re-tighten ball clamps. Connect vehicle light cords to outlets on base center ring.

FOR RIDES BUILT AFTER 1/88

8. Sweeps are attached to base using 1" hardened pins secured with 3/16" clevis pins. These pins are specially hardened, ride should not be operated with any other pins. Lubricate pins with a heavy weight motor oil and grease bearings on base before attaching sweeps. Connect vehicle light cords to outlets on base center ring.

CAUTION: Wrap vehicle light cords around sweeps to prevent interference with vehicles or platform while ride is in operation. Make certain male plug locks into female plug lid at center ring.

WARNING: Before operating ride recheck each sweep at vehicle and base.

9. Install six (6) light fixtures, place hook end of fixture over umbrella rib and slide flat end into slot on pole. Insert safety pin. WARNING: DO NOT operate ride unless safety pins are installed. Connect light fixture cords to outlets on base.
10. Install center cover. Make certain cover is secure by hooking ends of cover springs to sweeps. WARNING: DO NOT operate ride without center cover or with improperly installed center cover, this is not only an attractive cover it is also a SAFETY DEVICE.
11. CAUTION: Check track for loose objects or obstructions which might be in path of vehicles.

BOAT RIDE (PARK) - SET-UP PROCEDURE (cont.)

12. Plug in power to switch box. Try each switch separately and check to see that all lights and circuits are working properly.

FOR RIDES BUILT BEFORE 1-92

13. WARNING: Check relay switch, making sure that if power is temporarily disconnected ride will not restart until relay button is reset. To do this: Start ride, disconnect power, let ride come to complete stop, reconnect power. Ride should not start until relay button is pushed.

FOR RIDES BUILT ON OR AFTER 1-92

13. Ride will not operate unless:

1. Key switch is in the "on" position.
2. Timer is set to desired ride time.
3. Orange "Dead Man" push button is held down.

Note: "Dead Man" button must be held down manually for the duration of the ride. This is a SAFETY DEVICE and should never be altered in any way.

14. Turn ride on, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.

NEVER OPERATE RIDE WITHOUT TESTING

15. To dismantle ride for moving - reverse set-up instructions.

WARNING: Disconnect power source before starting dismantle procedure.

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BOAT RIDE (PARK MODEL) MAINTENANCE INSTRUCTIONS

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty or sandy conditions.
2. The chain on main drive and umbrella drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions, periodic cleaning and lubrication is suggested. Keep drive chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Inspect belts for wear and proper adjustment each week.
4. Fluid drive uses hydraulic oil, check level if ride is starting too slow. To adjust ride start, add or subtract oil as needed. CAUTION: Do not run less than one half full.
5. Check brass bushings on sweep ends for wear each time ride is set-up or at least once a week by simply pushing vehicles back and forth. If there is excessive amount of motion replace worn bushings. CAUTION: Excessive play in bushing can cause vehicles to come off the shafts. Lubricate bushings by wiping hinge shaft with oily rag.

FOR RIDES BUILT BEFORE 1/88

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| <ol style="list-style-type: none">6. Balls connecting sweeps to base should be wiped with oily rag before each set-up and after every eight (8) hours of operation (more often if conditions require). |
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FOR RIDES BUILT AFTER 1/88

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| <ol style="list-style-type: none">6. Sweep ends are connected to base with 1" hardened pins. Lubricate each pin after every eight (8) hours of operation with a heavy weight motor oil. <u>WARNING: THESE PINS ARE SPECIALLY HARDENED - DO NOT OPERATE RIDE WITH ANY OTHER TYPE.</u> |
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7. Apply a few drops of oil to top of rib ends when needed. Do not over oil to avoid staining umbrella. Not necessary on aluminum ribs.

BOAT RIDE (PARK) - MAINTENANCE INSTRUCTIONS (cont.)

8. Keep vehicles and track clean and waxed. This is the best method for maintaining fiberglass color and gloss. When ride is not in use, cover all vehicles with individual covers, available from the factory. Sun and bad weather are the worst enemies of fiberglass.
9. Keep all nuts and bolts tight to avoid wear.
10. Paint all scratched surfaces to prevent rust.
11. Check oil in gear boxes, main drive and umbrella drive monthly.
12. Oil electric motors, main drive and umbrella drive monthly.
13. In salt air conditions, apply a light coat of vaseline to base of all light bulbs before installing to prevent corrosion.

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MARCH 1, 1992
EFFECTIVE DATE
HAMPTON RIDES - GROUND MODELS

DAILY FIELD INSPECTION LIST

- | | O.K. |
|---|-------|
| 1. RIDE LEVELING | _____ |
| 2. VEHICLE TIRE PRESSURE (IF EQUIPPED) | _____ |
| 3. PLATFORM CLAMPS (S AND C) | _____ |
| 4. TRACK BOLTS TIGHT IN PLACE (BOAT, SPACE AGE, SINGLE MOTORCYCLE, AND JUMP RIDES) | _____ |
| 5. BRASS BUSHINGS IN SWEEP ENDS (ALL RIDES EXCEPT JUMPS) | _____ |
| 6. SAFETY PINS IN PLACE (INCLUDING UMBRELLA RIBS) | _____ |
| 7. PLATFORMS CLEAN (NO LOOSE OBJECTS) | _____ |
| 8. OIL LEVELS (FLUID DRIVES, GEAR BOXES) | _____ |
| 9. GREASE FITTINGS (4) | _____ |
| 10. GREASE 6" X 3" VEHICLE WHEELS (IF EQUIPPED) | _____ |
| 11. SLEEVES ON FLUORESCENT LIGHTING | _____ |
| 12. END CAPS ON FLUORESCENT LIGHTING | _____ |
| 13. CHAIN TENSIONS (2) | _____ |
| 14. BELT TENSIONS(3) | _____ |
| 15. BOLTS TIGHT | _____ |
| 16. HITCH BALLS GREASED AND SATISFACTORY CONDITION (RIDES MANUFACTURED PRIOR TO JAN. 1, 1988) | _____ |
| 17. HITCH PARTS SUPPLIED IN PLACE AND TIGHT. (RIDES MANUFACTURED PRIOR TO JAN. 1, 1988) | _____ |
| 18. CANVAS CENTER COVER SPRINGS (2 PER SWEEP) TUBS OF FUN (1 PER SWEEP) | _____ |
| 19. RIB ENDS AND SPRINGS IN PLACE (SHOT GUNS) | _____ |
| 20. ADEQUATE GROUNDING | _____ |
| 21. ELECTRICAL CONTROLS OPERATING CORRECTLY | _____ |
| 22. SEAT RESTRAINTS FOR EVERY SEAT | _____ |
| 23. STEERING WHEELS IN PLACE | _____ |
| 24. GENERAL APPEARANCE OF RIDE | _____ |
| 25. TEST RUN FOR 5 MINUTES BEFORE DAILY OPERATION | _____ |

SAFETY AND OPERATION INSTRUCTIONS **FOR HAMPTON RIDES**

These instructions are for the safety of your employees, your customers and your spectators. They should be carefully followed to insure safety in the operation of this ride.

Make sure ride is set-up in accordance with set-up instructions.

WARNING: Ride should be run for at least five minutes before allowing children to load.

All mechanical and electrical parts should be checked to see that ride is operating correctly.

Check switch box for problems with switches and breakers.

WARNING: Check all vehicle connections to sweeps; be sure bushings are not worn, set collars are locked tight and safety pins are properly installed.

For rides manufactured before January 1988, check ball hitches for wear and be sure each hitch is properly locked onto center ring balls.

Check tire inflation on vehicles and check wheel bearing grease and adjustment (if bearings are not sealed bearings).

All safety belts and locking clips should be inspected.

Ride is now ready to operate.

Make sure main electric switch is off and box cover is closed before allowing children to load. After loading, check to make sure each child is seated and seat belts are on and properly tightened.

Before starting ride, area around ride should be cleared of spectators.

Turn switch on and set timer for desired time (for rides manufactured after 1/92 orange 'Dead Man' button must be held down for duration of ride).

When ride has stopped, turn main switch off and close box cover.

RELEASE SEAT BELTS AND REMOVE CHILDREN.

Repeat safety operations carefully each time to insure accidents do not occur.

WARNING: FOR YOUR SAFETY AND THE SAFETY OF OTHERS, HAVE ALL OPERATORS THOROUGHLY READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE OPERATING RIDE.

TROUBLE SHOOTING

For slow or uneven start: Check fluid drive. (Usually filled to 2 o'clock)

Watch for loose or frayed belts.

Keep chains tight and well greased.

If mini circuits go out on all vehicles: Check points in Time-O-Matic. Periodically they need to be filed or adjusted.

If mini circuits go out on one vehicle:

1. Check individual sockets for blown bulbs or bad sockets.
2. Check both female and male 6 prong plugs for loose wires.
3. Check junction box under car for loose wires.
4. Check wiring in vehicles for breaks or shorts.

If horn blows constantly: Check each horn button for wire shorting against button case; if this is not the problem, check for short in horn box under vehicle.

If lights in center housing should go out:

1. Check for blown bulb.
2. Check for loose wire inside housing.
3. Check points in upper Time-O-Matic (located inside housing).

If lights on ribs should go out:

1. Check for blown bulb.
2. Check for loose wire in light.
3. Check male and female 6 prong plug for loose wires.
4. Check points in Time-O-Matic (located on pole).

If revolving lights on vehicles should go out (if equipped):

1. Check for blown bulbs.
2. Check for loose wires in vehicles.
3. Check rectifier plates in DC box (located on lower sprocket).
4. Check for loose wires in DC box.

Tubs Only

If brakes do not work your magnet may be bad. This is replaced by removing housing on bottom of tub.