

TROUBLE SHOOTING

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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 lights in center housing should go out:

1. Check for blown bulb.
2. Check for loose wire inside housing.
3. Check points in flasher (located in 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 flasher (located on pole).

Hampton Riders

All Around Type

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 collar set screws are tight, and safety pins are properly installed.

Check wheel bearing grease and adjustment.

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 key on and set timer for desired time, depress foot switch and press start button.

When ride has stopped, turn key 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.

HAMPTON AMUSEMENT RIDES

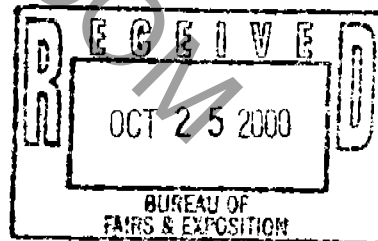
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MARCH 1, 1992
EFFECTIVE DATE
HAMPTON RIDES - GROUND MODELS

Klein:
Unknown sign.
Just appeared
on my desk.
W.B.

DAILY FIELD INSPECTION

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)
9. GREASE FITTINGS (4)
10. GREASE 6" X 3" VEHICLE WHEELS
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 SATISFA (RIDES MANUFACTURED PRIOR TO
17. HITCH PARTS SUPPLIED IN PLACE A (RIDES MANUFACTURED PRIOR TO
18. CANVAS CENTER COVER SPRINGS (2 TUBS OF FUN (1 PER SWEEP)
19. RIB ENDS AND SPRINGS IN PLACE (
20. ADEQUATE GROUNDING
21. ELECTRICAL CONTROLS OPERATING C
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



10. Keep all nuts and bolts tight to avoid wear.
11. Paint all scratched surfaces to prevent rust.
12. Check oil in gear boxes, main drive and umbrella drive.
13. Oil electric motors, main drive and umbrella drive, monthly.
14. In salt air conditions, apply a light coat of vaseline to base of all light bulbs before installing to prevent corrosion.
15. Keep drive chain for crank shafts tight and greased at all times.
16. Never operate ride without chain cover in place.

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WAVE THUNDER - 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 and cranks 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.
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. 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. WARNING: THESE PINS ARE SPECIALLY HARDENED - DO NOT OPERATE RIDE WITH ANY OTHER TYPE PIN.
6. 6 X 3 hard rubber wheels on sweeps are equipped with zerk grease fittings. These should be greased before each set-up and after every eight (8) hours of operation. Swivel bearings in rocker arm ends of sweeps should be greased weekly.
7. Aluminum platforms should be kept clean at all times. Sand and dirt will cause wear. If rides are in salt air conditions, wash daily to avoid corrosion.
8. Keep vehicles and tracks 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 that are provided with ride. Sun and bad weather are the worst enemies of fiberglass.

CAUTION: Vehicle light cords are to be attached to sweep by use of two (2) clamps located on the sides of the sweep. Use of these clamps will insure that the cords do not interfere with vehicles or platforms 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. Connect light fixture cords to outlets on flasher box.
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. Connect the seven rod ends to center and vehicles using 3/16" lynch pins provided. The 15° bent rod is used for the single crank and vehicle only. Do not operate ride without all rods in position.
12. Plug in power to switch box. Try each switch separately and check to see that all lights and circuits are working properly.
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.

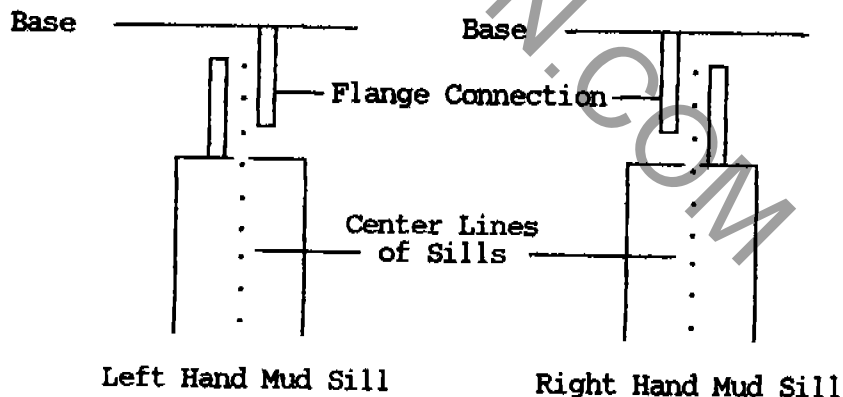
3. This procedure requires a minimum of three persons for easiest assembly. Position center pole horizontal to base assembly lining up hinge pieces on base and pole (two pieces of hinge are on base, one piece of hinge is on pole). A hammer should be available to drive hinge pin into place. Install 3/4" 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 supply 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.
7. Place boat onto end of sweep installing 1 1/2" shaft to sweep end tubing. Tighten 3/4" bolt on tubing to approximately 35 ft. lbs. torque. Place safety pin in lower end of shaft at this time.
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. 6 X 3 wheels on the sweeps are equipped with zerck grease fittings and should be greased at this time. Connect vehicle light cords to outlets on base center ring.

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**WAVE THUNDER (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. Mud sills are as follows:
 - 3 long mud sills, left hand (two bolt holes)
 - 1 long mud sill, right hand (two bolt holes), attaches to right of motor
 - 2 sills very short with pilot hole
 - 6 sills long with pilot hole

To determine "Hand" of mud sill, place mud sill in normal set-up position (tapped holes to top): If tongue is to right of center line of sill, mud sill = "Right Hand". If tongue is to left of center line of sill, mud sill = "Left Hand" (see illustration below). Attach mud sill tongues to flange connections on base as shown in illustration (left hand mud sill to left side of flange connection, etc.) using $3/4"$ X $2\ 1/2"$ bolts, do not tighten bolts at this point.



WARNING: Leveling is of the utmost importance. Level mud sills by adjusting levelers at end of each sill to suit conditions of ground. Tighten bolts of all two hole mud sills, carefully place edge of number 3 track section on center line of mud sills with tightened bolts (four track sections required, all sections are numbered and must be placed in order). Continue tightening bolts and placing tracks until all tracks are placed, secure using $7/16"$ X $5"$ track bolts. Check all track bolts for tightness.