



MEMBER OF ZAMPERLA INTERNATIONAL GROUP

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APR 18 1991

DEPARTMENT OF LABOR
CARNIVAL & AMUSEMENT RIDE
INSPECTION DIVISION

NEW HAMPTON RIDES
7330 WEBER LAKE ROAD
PORTAGE DES SIOUX, MO. 63373
Service: 314-753-2381
314-899-0955
Sales: 800-767-0171
Fax: 314-753-2004

MFG.: HAMPTON
NAME: TRAILER COMBINATION
TYPE: KIDDIE

MARCH 1, 1991
EFFECTIVE DATE
HAMPTON TRAILER MODELS
CLS3273191T

DAILY FIELD INSPECTION LIST

O.K.

1. RIDE LEVELING
2. SUPPORT JACKS SAFE AND SECURE (10 MINIMUM)
3. LUG NUTS TIGHT ON TRAILER HUBS
4. TRAILER TIRE PRESSURE
5. PLATFORMS LEVEL
6. PLATFORMS CLEAN NO LOOSE OBJECTS
7. CENTER POLE UP FULL 18"
8. CENTER POLE PIN IN PLACE (NO WEIGHT ON LIFT JACK)
9. VEHICLE TIRE PRESSURE (IF EQUIP)
10. TRACK BOLTS TIGHT IN PLACE (IF EQUIP)
(ALL JUMP RIDES, 4x4, SINGLE MOTORCYCLE)
11. BRASS BUSHINGS IN SWEEP ENDS (ALL RIDES EXCEPT JUMPS)
12. SAFETY PINS IN PLACE (INCLUDING UMBRELLA RIBS)
13. OIL LEVELS (FLUID DRIVES, GEAR BOXES)
14. GREASE FITTINGS 4 (ACCORDING TO MANUAL)
15. GREASE 6x3 RUBBER WHEELS (ACCORDING TO MANUAL IF EQUIP)
16. SLEEVES ON FLUORESCENT LIGHTING
17. END CAPS ON FLUORESCENT LIGHTING AND SECURED
18. CHAIN TENSION 2
19. BELT TENSION 3
20. ALL BOLTS TIGHT
21. HITCH BALLS GREASED SATISFACTORY CONDITION
(RIDES MANUFACTURED PRIOR TO JAN. 1, 1988)
22. HITCH PARTS SUPPLIED IN PLACE AND TIGHT
(RIDES MANUFACTURED PRIOR TO JAN. 1, 1988)
23. CANVAS CENTER COVER SPRINGS (2 PER SWEEP)
24. RIB ENDS AND SPRINGS IN PLACE (SHOT GUNS)
25. ADEQUATE GROUNDING
26. ELECTRICAL CONTROLS OPERATING ACCORDING TO MANUAL
27. SEAT RESTRAINTS FOR EVERY SEAT
28. STEERING WHEELS IN PLACE
29. GENERAL APPEARANCE OF RIDE
30. TEST RUN UNIT FOR 5 MIN. EVERYDAY BEFORE DAILY OPERATION

MAINTENANCE INSTRUCTIONS

TRAILER COMBINATION

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and relubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Chain on umbrella drive should receive maintenance same as main drive chain.
4. Inspect belts for wear and proper adjustment each week. 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 sweep end bushings 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. Lubricate bushings by wiping hinge shaft with oil rag. CAUTION: Excess play in bushing can cause vehicles to come off of shafts.
6. Before attaching sweeps to ball wipe balls with oil rag and repeat every eight hours of operation or more if conditions require.
7. Wheel bearings on vehicles should be greased and adjusted twice each season.
8. Apply a few drops of oil to top of rib ends when needed. Do not over oil as it will stain umbrella.
9. 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.
10. Keep vehicles 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.
11. Keep all nuts and bolts tight to avoid wear.
12. Paint all scratched surfaces to prevent rust.
13. Check oil in gear boxes. (Main drive and umbrella drive) monthly.

ERECTION PROCEDURE FOR TRAILER COMBINATION RIDE

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4) (The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs. These will keep ribs from swinging free). Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery or towing truck to winch with battery cables provided. Snag winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately 1 1/2 foot in from outboard edge.
5. Place umbrella on top of center pole. (Caution - to avoid soiling umbrella have everyone clean hands). Center umbrella on pole, drop windward and over the two ribs welded together and connect snags to bottom of rib ends. (All rib ends should be in up and locked position). Now put other end of umbrella over opposite double welded ribs and snag in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snags in rib ends. After all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove vehicles from racking and place in desired order on platforms. Attach sweeps to vehicles.
 - A. Remove sweep retaining collars from vehicles hinge shaft - **CAUTION** - The sweep retaining collar is not interchangeable and must be kept with original vehicles.
 - B. Place sweep on vehicle hinge shaft.
 - C. Replace sweep retaining collar on vehicle. Hinge shaft: line up drilled holes in Collar with drilled holes in shaft. Tighten collar set screw and install safety pin to collar.

7. ATTACH SWEEPS TO CENTER RING BALLS. Tighten ball clamps securely, then move vehicle in a forward and backward motion and retighten ball clamps. Connect vehicle light cords to outlets on base center ring - CAUTION - Wrap vehicle light cords around sweeps to prevent interference, in any way, with vehicles or platform while ride is in operation. CAUTION - Make certain the male plug locks into female plug lid at center ring. WARNING - Before operating ride recheck each sweep end at vehicle and ball end at base.
8. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
9. Remove pole pin and jack pole up until holes align (18") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
10. Install Center Cover. Make certain cover is secure by hooking end of cover spring to sweeps. WARNING - DO NOT operate ride without center cover or improperly installed center cover. This is not only an attractive cover it is also a SAFETY DEVICE.
11. CAUTION - Check platform for loose objects or obstructions which might be in path of vehicles.
12. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting ride, then unplug power, then plug power back in. Ride should not start again until relay button is pushed.
13. Turn on ride, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.
14. For tear down instructions reverse set up instructions. WARNING - Unplug power source before allowing anyone to disassemble ride. WARNING - Before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks have been removed and stored in trailer.
15. Install tailboard and plug in light cord.
16. Hook up towing truck. (Minimum of at least one (1) ton). Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.

ERECTION PROCEDURE FOR TRAILER MOTORCYCLE JUMP RIDE

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4) (The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs. These will keep ribs from swinging free). Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery or towing truck to winch with battery cables provided. Snap winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately 1 1/2 foot in from outboard edge.
5. Place umbrella on top of center pole. (Caution - to avoid soiling umbrella have everyone clean hands). Center umbrella on pole, drop windward end over the two ribs welded together and connect snaps to bottom of rib ends. (All rib ends should be in up and locked position). Now put other end of umbrella over opposite double welded ribs and snap in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snaps in rib ends. After all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove Motorcycles from racks and place on outer edges of platforms. Attach sweeps to base, except the one's where track is not yet installed. Place the two pieces of track on wheelie ramp into position and bolt tracks together. Now raise or lower platform until bolt holes on floor and track align and insert bolts. Block side in that position. Attach small piece of track to jump ramp and raise or lower until holes align and insert bolts. This will align tracks to sweeps. **WARNING: DO NOT** force bolts as this could cause misalignment and damage to the ride. Attach other sweeps to base.
7. Connect sweeps to base and pin securely with 1" hardened pins and safety with 3/16" clevis pin. (All

sweeps are numbered to base).

8. Slide Motorcycles on sweep shaft until seated against sweep, tighten 1/2", lock bolt on connecting arm under motorcycle. (Each motorcycle is numbered to sweep). CAUTION-Before tightening bolt on connecting arm check to see that electric lead cord is clear. Install large safety pin at end of sweep shaft. Connect electric lead cord to base.
9. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
10. Remove pole pin and jack pole up until holes align (18") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
11. Install Center Cover. Make certain cover is secure by hooking end of cover spring to sweeps. WARNING - DO NOT operate ride without center cover or improperly installed center cover. This is not only an attractive cover it is also a SAFETY DEVICE.
12. CAUTION - Check platform for loose objects or obstructions which might be in path of vehicles.
13. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting ride, then unplug power, then plug power back in. Ride should not start again until relay button is pushed.
14. Turn on ride, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.
15. For tear down instructions reverse set up instructions. WARNING - Unplug power source before allowing anyone to disassemble ride. WARNING - Before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks have been removed and stored in trailer.
16. Install tailboard and plug in light cord.
17. Hook up towing truck. (Minimum of at least one (1) ton). Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.

MAINTENANCE INSTRUCTIONS

TRAILER MOTORCYCLE JUMP

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and relubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Chain on umbrella drive should receive maintenance same as main drive chain.
4. Inspect belts for wear and proper adjustment each week. 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 set up and or every eight hours in operation with a heavy weight motor oil. The bearings on the base ring where sweeps attach should be greased at the same time. WARNING: THESE PINS ARE SPECIALLY HARDENED AND DO NOT OPERATE RIDE WITH ANY OTHER TYPE. Fittings on base ring are aviation type fittings and special needle adapter is supplied with ride for greasing.
6. Shaft on end of sweep that motorcycle slides on should be wiped with oily rag before each installation.
7. Wheels on sweeps (3 x 6 hard rubber) should be greased every eight hours of operation.
8. Apply a few drops of oil to top of rib ends when needed. Do not over oil as it will stain umbrella.
9. 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.
10. Keep vehicles 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.
11. Keep all nuts and bolts tight to avoid wear.
12. Paint all scratched surfaces to prevent rust.
13. Check oil in gear boxes. (Main drive and umbrella

drive) monthly.

14. Oil electric motors (Main drive and umbrella drive) monthly.
15. In salt air conditions apply a light coat of vaseline to base of all light bulbs before installing to prevent corrosion.
16. Carefull handling, cleanliness and proper maintenance is the key to keeping your Hampton Umbrella Ride beautiful, safe and operational for many years.
17. Grease wheel bearings on trailer once a year.
18. WARNING: Carefully inspect winch and winch cable for worn or frayed cable and that the cable is properly wound.
19. WARNING: This trailer ride is equipped with Safety Latch chains and should not be set up or torn down without them.

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MAINTENANCE INSTRUCTIONS

TRAILER SINGLE

CYCLE

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and lubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Chain on umbrella drive should receive maintenance same as main drive chain.
4. Inspect belts for wear and proper adjustment each week. 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 sweep ends brass bushings 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. Lubricate bushings by wiping hinge shaft with oil rag. CAUTION: Excessive play in bushing can cause vehicles to come off the shafts.
6. Before attaching sweeps to ball wipe balls with oil rag and repeat every eight hours of operation or more if conditions require.
7. Apply a few drops of oil to top of ribends when needed. Do not over oil as it will stain umbrella.
8. 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.

ERECTION PROCEDURE FOR TRAILER SINGLE CYCLE

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4). The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs these will keep ribs from swinging free. Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery or towing truck to winch with battery cables provided. Snap winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately $1\frac{1}{2}$ foot in from cycle edge.
5. Place umbrella on top of center pole. (Caution) to avoid soiling umbrella have everyone clean hands.) Center umbrella pole, drop windward end over the two ribs welded together and connect snaps to bottom of rib ends, (All rib ends should be in up and locked position.) Now put other end of umbrella over opposite double welded ribs and snap in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snaps in rib ends, after all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove vehicles from racking and place in desired order. on platforms. Attach sweeps to vehicles.
 - A. Remove sweep retaining collars from vehicles hinge shaft - **CAUTION** - The sweep retaining collar is not interchangeable and must be kept with original vehicles.
 - B. Place sweep on vehicle hinge shaft.

- C. Replace sweep retaining collar on vehicle. Hinge shaft: line up drilled holes in collar with drilled holes in shaft. Tighten collar set screw and install safety pin to collar.
7. ATTACH SWEEPS TO CENTER RING BALLS. Tighten ball clamps securely, then move vehicle in a forward and backward motion and retighten ball clamps. Connect vehicle light cords to outlets on base center ring
CAUTION - Wrap vehicle light cords around sweeps to prevent interference, in any way, with vehicles or platform while ride is in operation, CAUTION - Make certain the male plug locks into female plug lid at center ring, WARNING - Before operating ride recheck each sweep end at vehicle and ball end at base.
8. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
9. Remove pole pin and jack pole up until holes align (18") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
10. Install center cover, make certain cover is secure by hooking end of cover spring to sweeps. WARNING DO NOT operate ride without center cover or improperly installed center cover. This is not only an attraction cover it is also a SAFETY DEVICE.
11. CAUTION Check platform for loose objects or obstructions which might be in path of vehicles.
12. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting the ride, then unplug power, the plug power back in, ride should start again until relay button is pushed.
13. Turn on ride, check umbrella and each vehicle for proper operation, leave run at least five minutes to make sure complete ride is operating properly.
14. For tear down instructions reverse set up instructions WARNING - unplug power source before allowing anyone to disassemble ride. WARNING-before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks

have been removed and stored in trailer.

15. Install tailboard and plug in light cord.
16. Hook up towing truck. (Minimum of at least one (1) ton. Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.
17. **WARNING** - Never operate your Single Motorcycle Ride. in a clockwise position (REVERSE) Your Motorcycle Ride is not intended to travel in reverse. Pay close attention to 3 phase rides, they can be ran in either direction. Make sure you have proper phase direction to prevent clockwise travel.

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MAINTENANCE INSTRUCTIONS

TRAILER SPACE AGE

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and relubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Chain on umbrella drive should receive maintenance same as main drive chain.
4. Inspect belts for wear and proper adjustment each week. 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 sweep ends brass bushings 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. Lubricate bushings by wiping hinge shaft with oil rag. CAUTION: Excessive play in bushing can cause vehicles to come off the shafts.
6. Before attaching sweeps to ball wipe balls with oil rag and repeat every eight hours of operation or more if conditions require.
7. The 6 x 3 hard rubber wheels on each vehicle is equipped with zerk fittings and should be greased on set-ups and every eight (8) hours of operation.
8. Apply a few drops of oil to top of rib ends when needed. Do not over oil as it will stain umbrella.
9. 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.
10. Keep vehicles 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.
11. Keep all nuts and bolts tight to avoid wear.
12. Paint all scratched surfaces to prevent rust.
13. Check oil in gear boxes. (Main drive and umbrella

drive) monthly.

14. Oil electric motors (Main drive and umbrella drive) monthly.
15. In salt air conditions apply a light coat of vaseline to base of all light bulbs before installing to prevent corrosion.
16. Carefull handling, cleanliness and proper maintenance is the key to keeping your Hampton Umbrella Ride beautiful, safe and operational for many years.
17. Grease wheel bearings on trailer once a year.
18. WARNING: Carefully inspect winch and winch cable for worn or frayed cable and that the cable is properly wound.
19. WARNING: This trailer ride is equipped with Safety Latch chain and should not be set up or torn down without them.

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ERECTION PROCEDURE FOR TRAILER SPACE AGE

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4) (The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs. These will keep ribs from swinging free). Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery or towing truck to winch with battery cables provided. Snap winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately 1 1/2 foot in from outboard edge.
5. Place umbrella on top of center pole. (Caution - to avoid soiling umbrella have everyone clean hands). Center umbrella on pole, drop windward end over the two ribs welded together and connect snaps to bottom of rib ends. (All rib ends should be in up and locked position). Now put other end of umbrella over opposite double welded ribs and snap in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snaps in rib ends. After all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove vehicles from racking and place in desired order on platforms. Attach sweeps to vehicles.
 - A. Remove sweep retaining collars from vehicles hinge shaft - **CAUTION** - The sweep retaining collar is not interchangeable and must be kept with original vehicles.
 - B. Place sweep on vehicle hinge shaft.
 - C. Replace sweep retaining collar on vehicle. Hinge shaft: line up drilled holes in collar with drilled

7. ATTACH SWEEPS TO CENTER RING BALLS. Tighten ball clamps securely, then move vehicle in a forward and backward motion and retighten ball clamps. Connect vehicle light cords to outlets on base center ring - CAUTION - Wrap vehicle light cords around sweeps to prevent interference, in any way, with vehicles or platform while ride is in operation. CAUTION - Make certain the male plug locks into female plug lid at center ring. WARNING - Before operating ride recheck each sweep end at vehicle and ball end at base.
8. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
9. Remove pole pin and jack pole up until holes align (18") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
10. Install Center Cover. Make certain cover is secure by hooking end of cover spring to sweeps. WARNING - DO NOT operate ride without center cover or improperly installed center cover. This is not only an attractive cover it is also a SAFETY DEVICE.
11. CAUTION - Check platform for loose objects or obstructions which might be in path of vehicles.
12. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting ride, then unplug power, then plug power back in. Ride should not start again until relay button is pushed.
13. Turn on ride, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.
14. For tear down instructions reverse set up instructions. WARNING - Unplug power source before allowing anyone to disassemble ride. WARNING - Before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks have been removed and stored in trailer.
15. Install tailboard and plug in light cord.
16. Hook up towing truck. (Minimum of at least one (1) ton). Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.

MAINTENANCE INSTRUCTIONS

TRAILER BOAT

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and relubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Chain on umbrella drive should receive maintenance same as main drive chain.
4. Inspect belts for wear and proper adjustment each week. 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 sweep ends brass bushings 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. Lubricate bushings by wiping hinge shaft with oil rag. CAUTION: Excessive play in bushing can cause vehicles to come off the shafts.
6. Before attaching sweeps to ball wipe balls with oil rag and repeat every eight hours of operation or more if conditions require.
7. The 6 x 3 hard rubber wheels on each vehicle is equipped with zerk fittings and should be greased on set-ups and every eight (8) hours of operation.
8. Apply a few drops of oil to top of rib ends when needed. Do not over oil as it will stain umbrella.
9. 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.
10. Keep vehicles 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.
11. Keep all nuts and bolts tight to avoid wear.
12. Paint all scratched surfaces to prevent rust.
13. Check oil in gear boxes. (Main drive and umbrella

drive) monthly.

14. Oil electric motors (Main drive and umbrella drive) monthly.
15. In salt air conditions apply a light coat of vaseline to base of all light bulbs before installing to prevent corrosion.
16. Carefull handling, cleanliness and proper maintenance is the key to keeping your Hampton Umbrella Ride beautiful, safe and operational for many years.
17. Grease wheel bearings on trailer once a year.
18. WARNING: Carefully inspect winch and winch cable for worn or frayed cable and that the cable is properly wound.
19. WARNING: This trailer ride is equiped with Safety Latch chain and should not be set up or torn down without them.

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ERECTION PROCEDURE FOR TRAILER BOAT

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4) (The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs. These will keep ribs from swinging free). Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery on towing truck to winch with battery cables provided. Snap winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately 1 1/2 foot in from outboard edge.
5. Place umbrella on top of center pole. (Caution - to avoid soiling umbrella have everyone clean hands). Center umbrella on pole, drop windward end over the two ribs welded together and connect snaps to bottom of rib ends. (All rib ends should be in up and locked position). Now put other end of umbrella over opposite double welded ribs and snap in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snaps in rib ends. After all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove vehicles from racking and place in desired order on platforms. Attach sweeps to vehicles.
 - A. Remove sweep retaining collars from vehicles hinge shaft - **CAUTION** - The sweep retaining collar is not interchangeable and must be kept with original vehicles.
 - B. Place sweep on vehicle hinge shaft.
 - C. Replace sweep retaining collar on vehicle. Hinge shaft; line up drilled holes in Collar with drilled holes in shaft. Tighten collar set screw and install safety pin to collar.

7. ATTACH SWEEPS TO CENTER RING BALLS. Tighten ball clamps securely, then move vehicle in a forward and backward motion and retighten ball clamps. Connect vehicle light cords to outlets on base center ring - CAUTION - Grape vehicle light cords around sweeps to prevent interference, in any way, with vehicles on platform while ride is in operation. CAUTION - Make certain the male plug locks into female plug lid at center ring. WARNING - Before operating ride recheck each sweep end at vehicle and ball end at base.
8. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
9. Remove pole pin and jack pole up until holes align (16") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
10. Install Center Cover. Make certain cover is secure by hooking end of cover spring to sweeps. WARNING - DO NOT operate ride without center cover or improperly installed center cover. This is not only an attractive cover it is also a SAFETY DEVICE.
11. CAUTION - Check platform for loose objects or obstructions which might be in path of vehicles.
12. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting ride, then unplug power, then plug power back in. Ride should not start again until relay button is pushed.
13. Turn on ride, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.
14. For tear down instructions reverse set up instructions. WARNING - Unplug power source before allowing anyone to disassemble ride. WARNING - Before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks have been removed and stored in trailer.
15. Install tailboard and plug in light cord.
16. Hook up towing truck. (Minimum of at least one (1) ton). Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.

MAINTENANCE INSTRUCTIONS

TRAILER ROCK, SPIN, AND ROLL

1. There are four zerk grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and relubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chains every month for wear. Replace when worn to avoid wear on sprockets.
3. Chain on umbrella drive should receive maintenance same as main drive chain.
4. Inspect belts for wear and proper adjustment each week. 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 sweep ends brass bushings 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. Lubricate bushings by wiping hinge shaft with oil rag. CAUTION: Excessive play in bushing can cause vehicles to come off of shafts.
6. Before attaching sweeps to ball wipe balls with oil rag and repeat every eight hours of operation or more if conditions require.
7. The 6 x 3 hard rubber wheels on each vehicle is equipped with zerk fittings and should be greased on set-ups and every eight (8) hours of operation.
8. Apply a few drops of oil to top of rib ends when needed. Do not over oil as it will stain umbrella.
9. 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.
10. Keep vehicles 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.
11. Keep all nuts and bolts tight to avoid wear.
12. Paint all scratched surfaces to prevent rust.
13. Check oil in gear boxes. (Main drive and umbrella

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drive) monthly.

14. Oil electric motors (Main drive and umbrella drive) monthly.
15. In salt air conditions apply a light coat of vasaline to base of all light bulbs before installing to prevent corrosion.
16. Carefull handling, cleanliness and proper maintenance is the key to keeping your Hampton Umbrella Ride beautiful, safe and operational for many years.
17. Grease wheel bearings on trailer once a year.
18. WARNING: Carefully inspect winch and winch cable for worn or frayed cable and that the cable is properly wound.
19. WARNING: This trailer ride is equipped with Safety Latch chain and should not be set up or torn down without them.

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ERECTION PROCEDURE FOR TRAILER ROCK, SPIN AND ROLL

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4) (The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs. These will keep ribs from swinging free). Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery or towing truck to winch with battery cables provided. Snap winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately 1 1/2 foot in from outboard edge.
5. Place umbrella on top of center pole. (Caution - to avoid soiling umbrella have everyone clean hands). Center umbrella on pole, drop windward end over the two ribs welded together and connect snaps to bottom of rib ends. (All rib ends should be in up and locked position). Now put other end of umbrella over opposite double welded ribs and snap in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snaps in rib ends. After all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove vehicles from racking and place in desired order on platforms. Attach sweeps to vehicles.
 - A. Remove sweep retaining collars from vehicles hinge shaft - **CAUTION** - The sweep retaining collar is not interchangeable and must be kept with original vehicles.
 - B. Place sweep on vehicle hinge shaft.
 - C. Replace sweep retaining collar on vehicle. Hinge shaft: line up drilled holes in Collar with drilled

7. ATTACH SWEEPS TO CENTER RING BALLS. Tighten ball clamps securely, then move vehicle in a forward and backward motion and retighten ball clamps. Connect vehicle light cords to outlets on base center ring - CAUTION - Wrap vehicle light cords around sweeps to prevent interference, in any way, with vehicles or platform while ride is in operation. CAUTION - Make certain the male plug locks into female plug lid at center ring. WARNING - Before operating ride recheck each sweep end at vehicle and ball end at base.
8. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
9. Remove pole pin and jack pole up until holes align (18") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
10. Install Center Cover. Make certain cover is secure by hooking end of cover spring to sweeps. WARNING - DO NOT operate ride without center cover or improperly installed center cover. This is not only an attractive cover it is also a SAFETY DEVICE.
11. CAUTION - Check platform for loose objects or obstructions which might be in path of vehicles.
12. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting ride, then unplug power, then plug power back in. Ride should not start again until relay button is pushed.
13. Turn on ride, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.
14. For tear down instructions reverse set up instructions. WARNING - Unplug power source before allowing anyone to disassemble ride. WARNING - Before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks have been removed and stored in trailer.
15. Install tailboard and plug in light cord.
16. Hook up towing truck. (Minimum of at least one (1) ton). Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.

MAINTENANCE INSTRUCTIONS

TRAILER HORSE JUMP

1. There are four neck grease fittings on base. These fittings should be serviced three times a year and more often in dusty and sandy conditions.
2. The chain on main drive should be kept lubricated at all times. CAUTION: In dusty or sandy conditions periodic cleaning and relubrication is suggested. Keep chain adjusted and level. When chain is properly adjusted it will have approximately one inch side play in between gear box and large sprocket. Inspect chain every month for wear. Replace when worn to avoid wear to sprockets.
3. Chain on umbrella drive should be serviced as often as main drive chain.
4. Inspect belts for wear and proper adjustment each week. Fluid drive uses hydraulic oil, check level if ride is starting too slow. To adjust ride start, add or subtract oil as needed. CAUTION: Oil level should never be more than one half full.
5. Swing ends are connected to base with 1/2" diameter pins. Lubricate each set up and or every eight hours in operation with a heavy weight motor oil. The bearings on the base ring where sweeps attach should be greased at the same time. WARNING: THESE PINS ARE SPECIALLY HARDENED AND DO NOT OPERATE RIDE WITH ANY OTHER TYPE. Fittings on base ring are aviation type fittings, and special needle adapter is supplied with ride for greasing.
6. Wheel bearings on horses should be greased and adjusted twice each season.
7. Apply a few drops of oil to top of rib ends when needed. Do not over oil as it will stain umbrella.
8. 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.
9. Paint all scratched surfaces to prevent rust.
10. Keep all nuts and bolts tight to avoid wear.
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.

14. Careful handling, cleanliness and proper maintenance is the key to keeping your Hampton Umbrella Ride beautiful, safe and operational for many years.
15. Grease wheel bearings on trailer once a year.
16. WARNING: Carefully inspect winch end winch cable for worn or frayed cable and that the cable is properly wound.
17. WARNING: This trailer ride is equipped with Safety Latch chain and should not be set up or torn down without them.
18. Tire pressure should be kept at 80 PSI.

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ERECTION PROCEDURE FOR TRAILER HORSE JUMP

1. Locate trailer on solid and as near level ground as possible. Block trailer wheels and complete leveling by using jack stands, one on each corner of trailer frame.
2. Remove all chains and binders with exception of four (4) (The two (2) at the center of platforms connecting sides to pole and one (1) at front and rear of ribs. These will keep ribs from swinging free). Remove the two (2) end spreader bars by unhooking safety pins and pushing straight up.
3. Connect the 12 volt battery or towing truck to winch with battery cables provided. Snap winch cable to trailer side and draw snug. Release chain and binder on that side, with winch let platform down into position. **WARNING DO NOT** let anyone under or around side that is being lowered. Have jack stands in position so as to rest trailer side on when in down position.
 - A. Rewind winch and repeat operation No. 3 for opposite side.
4. Level sides using jack stands. Place four (4) jacks under each side, and approximately 1 1/2 foot in from outboard edge.
5. Place umbrella on top of center pole. (Caution - to avoid soiling umbrella have everyone clean hands). Center umbrella on pole, drop windward end over the two ribs welded together and connect snaps to bottom of rib ends. (All rib ends should be in up and locked position). Now put other end of umbrella over opposite double welded ribs and snap in place. Let umbrella drape down each side of pole. Unhook chain and spring on each end of ribs, move each rib to proper spot. Hook all snaps in rib ends. After all hooks are in place release spring tension on rib ends, this will secure umbrella top in place. **WARNING** In rear of fiberglass center cover the pole lock for the umbrella and crank can be found. This must be released before turning on umbrella or could cause severe damage.
6. Remove horses from racks and place on outer edges of platforms. Attach sweeps to base, except sweeps where track is not yet installed. Place track sections on trailer floor, then raise or lower platform side until holes in track align with holes on floor. Block sides in this position, this will align sweeps and tracks. Install bolts and tighten securely. **WARNING: DO NOT** force bolts in tracks as this could cause misalignment and damage to the ride. Connect the rest of the sweeps to base end pin securely with 1" pins and safety with 3/16" clevis pins. (All sweeps are numbered to base).
7. Place horses on sweeps by setting inside end of horse platforms in lower welded pin, lift outside edge of

horse platform until 3/4" pin hole aligns with top hole in sweep, insert pin and safety with 3/16" clevis pin. WARNING: Double check all pins and safety on horses and sweeps.

8. Take six (6) light fixtures down from ribs and turn over then slide flat end into slot on pole and insert safety pin. WARNING - DO NOT operate ride unless safety pins are installed.
9. Remove pole pin and jack pole up until holes align (18") and replace pin and safety pin. WARNING - DO NOT operate ride without pole pin, it can cause severe damage to pole.
10. Install Center Cover. Make certain cover is secure by hooking end of cover spring to sweeps. WARNING - DO NOT operate ride without center cover or improperly installed center cover. This is not only an attractive cover it is also a SAFETY DEVICE.
11. CAUTION - Check platform for loose objects or obstructions which might be in path of vehicles.
12. Plug in power to switch box. Try each switch separately and check to see that all light and circuits are working properly. WARNING - Check relay switch making sure that if power is temporarily shut off ride will not restart until relay button is reset. Check by starting ride, then unplug power, then plug power back in. Ride should not start again until relay button is pushed.
13. Turn on ride, check umbrella and each vehicle for proper operation. Leave run at least five minutes to make sure complete ride is operating properly.
14. For tear down instructions reverse set up instructions. WARNING - Unplug power source before allowing anyone to disassemble ride. WARNING - Before moving ride check all chains and binders that they are properly placed and tightened. Check to see if all blocks and jacks have been removed and stored in trailer.
15. Install tailboard and plug in light cord.
16. Hook up towing truck. (Minimum of at least one (1) ton). Check and secure hitch and safety chains, plus emergency pull away brake. Check all lights. Ride is now ready to tow.