



INSTRUCTIONS FOR SETTING UP "BULGY"

POWER UNIT: Place the power unit in the center of the area to be occupied by the ride and block it in a level position.

TRACK: Lay the four sections of track around the power unit with the low points of the track in line with the corners of the power unit base. With the track in this position the braces on the track are parallel with the sides of the power unit base. Secure the track sections together with the bolts provided.

TIE RODS: Insert one end of the tie rods in the keyhole slots provided in the base of the power unit and hook the other ends over the track brace opposite the high points of the track. Adjust the tie rods so as to centralize and secure the track to the power unit. Level and stabilize the track by adjusting the jacks.

SWEEPS: Secure the sweeps to the balls provided on the hub of the power unit, placing sweeps on the lower set balls first.

SWEEP COVER: Place sweep cover over the power unit with the ring in the center of the sweep cover, over the bracket which is mounted on the hub. Fold the canvas so that it is out of the way until the assembly of the ride is completed.

LOWER CENTER POLE: Insert the lower center pole through the bracket supporting the sweep cover and into the bearing mounted on the top of the hub.

RADIAL MEMBERS: Insert one end of the radial members in the sockets provided on the lower center pole and the outer ends in the top of the outer posts. Place the post having the controls in the position selected for the entrance with the switches facing in toward the center of the ride. Connect the radial member having the electrical fittings to the control post. The male fitting goes to the outer end and connects to the female fitting on the light disconnect switch.

CRESTING: Place the crestings in the sockets provided on the outer posts with the BULGY sign in the entrance position. Hook the medallions over the ends of the crestings, insert the brackets in the back of the medallions

and secure to the bolt on outer posts.

LIGHT CLUSTER: Place the light cluster over the top of the lower center pole.

TOP: Place the canvas top over the radial members with the center ring over the top of the lower center pole.

UPPER CENTER POLE: With the rope block hooked to the top of the upper center pole, place it over the upper end of the lower center pole.

TOP: Hook the top fasteners into the rings on the crestings and hoist the center of the top with the rope block, running the hoisting rope through the ring in the center of the top.

LIGHT CLUSTER: Slide the light cluster up on the upper center pole to the desired height and secure with set screw. Plug the male fitting on the light cluster into the female fitting on the radial member.

WHALES: Place the whales on the ends of the sweeps and secure with bolts. The wheel fenders are secured by the same bolts used for the whales.

CONTROLS: Plug cable controls into outlets provided in the magnetic switch mounted on the power unit. Plug outer ends into fittings provided at the base of the control post. Mount the timer switch on the control post and plug into the leads from the disconnect switch. Also plug the light fittings together on the crestings. A toggle switch on the side of the 110 Volt disconnect switch controls the lights.

SWEEP COVER: Spread the canvas sweep cover over the sweeps and connect to the hooks on the whales.

FENCE RAILS: Place the curved members forming the fence rail into sockets provided on the outer posts.

TIMER SWITCH: The timer switch should always be removed from the control post and packed in a separate box during transporting. This switch should receive the same care that would normally be given a high grade clock.



BULGY LUBRICATION INSTRUCTIONS

ELECTRIC MOTOR

(1) The Motor Bearings require a change of Lubricant yearly as follows:

Clean the Zerk Fittings and remove the Drain Plugs. Add Lubricant* until the old grease has been forced out through the drain openings.

Run the Motor with the Drain Plugs removed until the excess grease has been expelled. Replace the Drain Plugs.

COUNTERSHAFT BEARING

(2) The Countershaft Bearings require Lubrication every three months.

Add enough Lubricant* to the Zirk Fittings on Page 3, Reference No. 53, to show slightly at the Seals.

ROLLER CHAIN

(3) Lubricate Drive Chain every two weeks with an approved Lubricant such as Rotanium Power-Lube No. 1665, Chevron Pinion Grease MS or equivalent.

REDUCTION GEAR UNIT

Lubricate* the Upper Bearing lightly once a week using the Zerk Fitting, shown on Page 3, Reference No. 54. Except for the Upper Bearing, the Reduction Gear

Unit has sufficient Lubricant for a seasons operation but should be checked every 30 days of operation. Replace Lubricant yearly using an E. P. 90 Gear Lube. The Drain Plug on Page 3, Reference No. 56 is provided for draining the Housing.

CENTER POLE BEARING

(5) The Center Pole Bearing requires Lubrication once a season. Add enough Lubricant* to the Zerk Fitting on Page 3, Reference No. 55 to show slightly at the Seals.

SWEEP WHEEL BEARINGS

(6) The Sweep Wheel Bearings, shown on Page 5, Reference No. 12, should be dismantled, cleaned and repacked* once a season or when storing.

NOTES

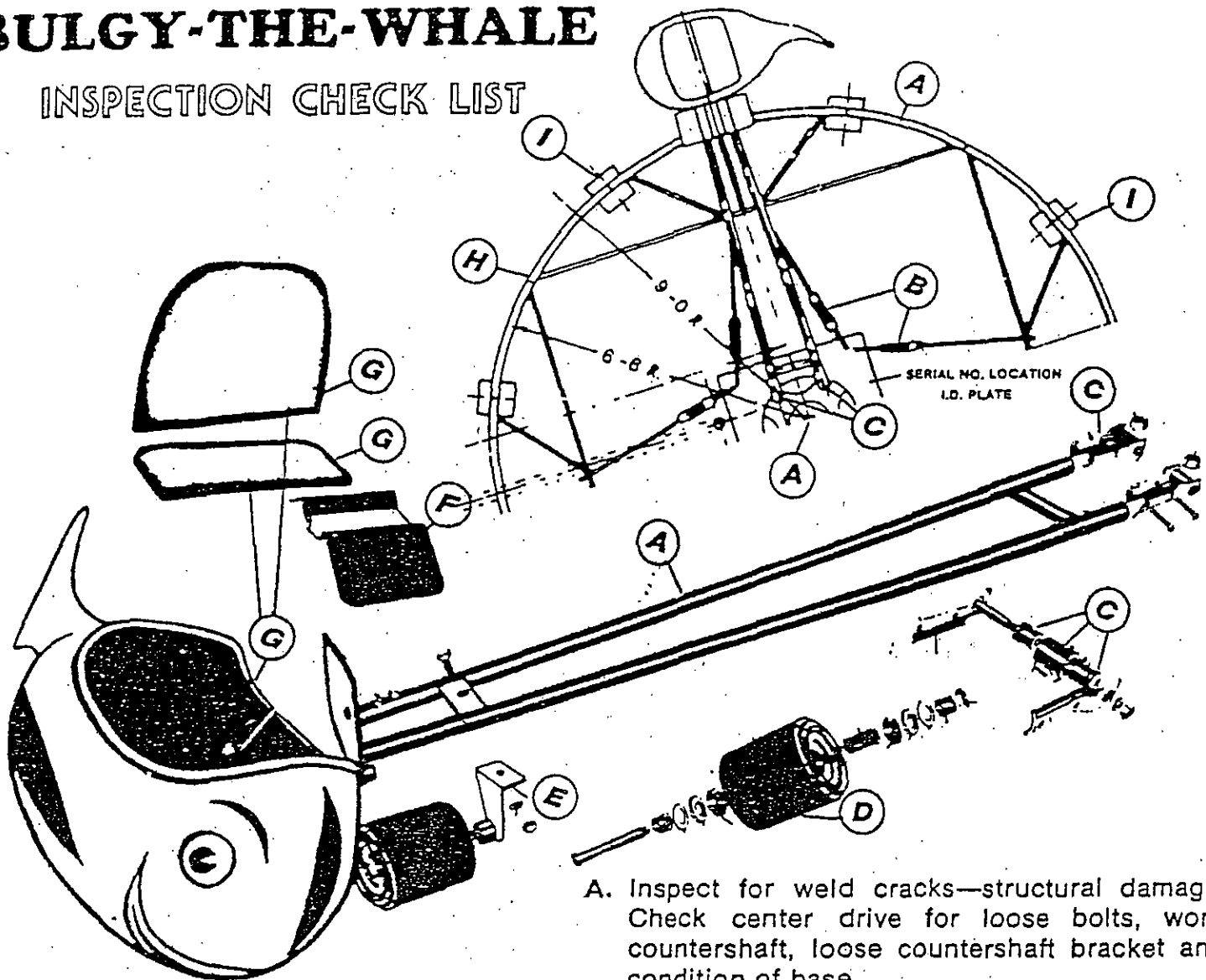
Keep Light Rings clean and free of contaminants such as grease, oil, etc.

*Use a Multi-Purpose Water Resistant Grease with an accepted extreme pressure additive such as Chevron R. P. M. Molygrease No. 1 or Mobil Grease Special in all Pressure Fittings.



BULGY-THE-WHALE

INSPECTION CHECK LIST



- A. Inspect for weld cracks—structural damage. Check center drive for loose bolts, worn countershaft, loose countershaft bracket and condition of base.
- B. Check condition of tie rods and turnbuckles.
- C. Inspect hinge—replace bushings if worn. Nut is special with machined beveled surface which contacts hinge. Inspect joint and replace if necessary with factory parts (See bulletin B-1).
- D. Inspect condition of roller and bearings—service if necessary.
- E. Check roller mounting bracket.
- F. Check for guard and condition.
- G. Check car for fractures, poor upholstery, inferior boards, etc.
- H. Check condition of attaching bolt and for hole enlargement—replace and repair as needed.
- I. Inspect jacks for condition.

Sweep Extension: if used check general condition and attaching points.

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