

NATURAL CHOICE PLAYGROUND CO.

P.O. Box 97193, Tacoma, WA 98497-0193 E-mail: powrloadr@hotmail.com

Pow'r Load'r™ Model 2004 patent pending

Parts List

Part#	Description	Qty.		
10100	Seat, Specify Color	1	Miscellaneous Parts	
10210	Ground Pipe Assembly (direct bury)	1	10121 Galvanized Washers ³ / ₈ "	2
10450	Left Handle Assembly, Tropical Yellow	1	10122 Button Head Screws	2
10451	Right Handle Assembly, Tropical Yellow	1	10212 Sleeve Bushing (Main Shaft)	1
10455	Flexible Arm, Tropical Yellow	1	10213 Pilot Bolt.	1
10510	Seat Support Assembly, Tropical Yellow	1	10214 Ball Bearing ¹ / ₂ "	1
10350	Repair Package		10341 Cast Aluminum Bucket	1
10351	Stainless Steel Chicago Bolt	2	10511 Shoulder Bolts 2" (Mechanism)	2
10352	Flexible Arm Stainless Steel Chicago Bolt	1	10512 Shoulder Bolt Lock Nuts ⁵ / ₁₆ "	2
10353	Pivot End Bronze Sleeve Bushings	3	10513 Bronze Sleeve Bushings (Mechanism)	2

Specifications

- Seat: Rotational molded plastic – colors: red, blue, green and tan.
- Seat Support: Formed from Rectangle Tube (1" x 3" with .120" wall) welded to a center support, 2⁷/₈" outer dimension (O.D.) Round Tube. At the front, a 2" round tube with ¹/₄" wall is welded to the rectangular tube. Grease fittings are installed to lubricate shaft and mechanism for extended wear. Unit is sand blasted and coated with baked-on polyester powdercoating, zinc primer with tropical yellow finish.
- Ground Pipe: 1" steel rod with machined bearings. (direct bury)
- Hand Controls: .84" O.D. schedule 40 black pipe, bent continuously at top to form D-shaped hand hold. One arm is flexible, one fixed. Pivot ends are round tubing welded to this pipe, inserted with bronze sleeve bushings, and connected to the hand control using a ³/₈" s.s. Chicago Bolt. Unit is sand blasted and coated with a baked-on polyester powdercoating, zinc primer and tropical yellow finish.
- Bucket: Cast aluminum alloy, A356-T6. Weight 2.25 lbs.
- Hardware: Pivot ends at bucket and hand control require installing stainless steel Chicago Bolt. The seat is fastened using ³/₈" button head screws and the seat support assembly is retained using a socketed pilot bolt. The digger mechanism is retained using ³/₈" x 2" shoulder bolts.
- Installation Time: Direct bury approximately 2 hours; installing seat support, about ¹/₂ hour.
- Concrete Required: Approximately 1.7 cu. ft., two 60 lb sacks.
- Maintenance: All pivot end bronze bushings, the center shaft, and the internal mechanical shaft attached to the handles, are maintained using a *Teflon*-based lubricant (Superlube™).
- Manufacturer: Reserves the right to change or modify design and specifications without notification.
- Weight: 34 lbs. Area Required: 18 ft. diameter minimum use zone.

Installation Instructions DIRECT BURY

- 1) Dig footing as shown. Place 2" brick at bottom. *Be careful, do not lose ball bearing.*
- 2) Insert ground pipe into footing. Pour concrete and **plumb to side of the machine shaft.** Refer to direct bury detail. Keep plastic bag on shaft, as necessary, to prevent moisture and dirt accumulation. *Very Important!*
- 3) A good idea is to add 1 box of concrete fast setting additive to speed installation. Wait 24 hours to install seat support assembly.
- 4) Spread sand till surfacing grade is **11 inches from top of ground pipe assembly**, or bottom of seat support.
- 5) Attach seat using 2 socket button head screws, ³/₈" x ¹/₂" and washers, apply Loctite to threads.
- 6) Remove plastic bag from shaft, place ball bearing in recess on top of shaft, and slide seat support tube over shaft, being careful to slide internal sleeve bushing over shaft. **Secure unit by tightening pilot bolt on side of seat support tube with a ⁷/₃₂" Allen wrench.** Grease fitting near this bolt is used to squirt lubricant over shaft. Two squirts are plenty. The unit comes lubricated with Super Lube™; however, if it gets contaminated clean thoroughly and add several squirts with a grease gun.
- 7) Remember this is a sand environment, keep pivot arms out of sand till unit is attached.

Limited Warranty

All Parts — 1.5-year warranty for breakage due to material or production defect. Damage due to normal wear & tear, or using equipment in an abusive manner, is not warranted. Manufacturer will replace or repair only the damaged part under the warranty. Owner is responsible for providing labor to replace damaged part, and to return the damaged part to the manufacturer. Manufacturer will pay the return shipping charges, provide the replacement part, and ship to the owner's address.

POW'R LOAD'R™ Model 2004 Pat. Pend.

