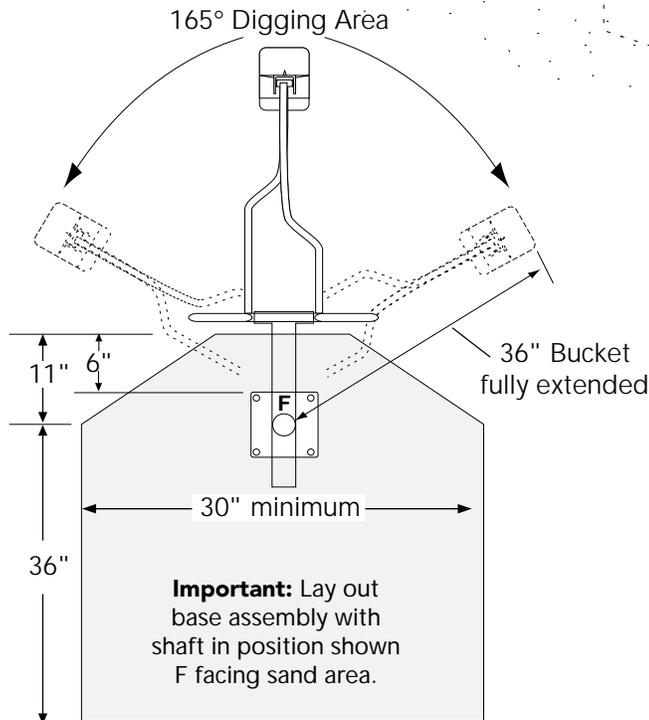
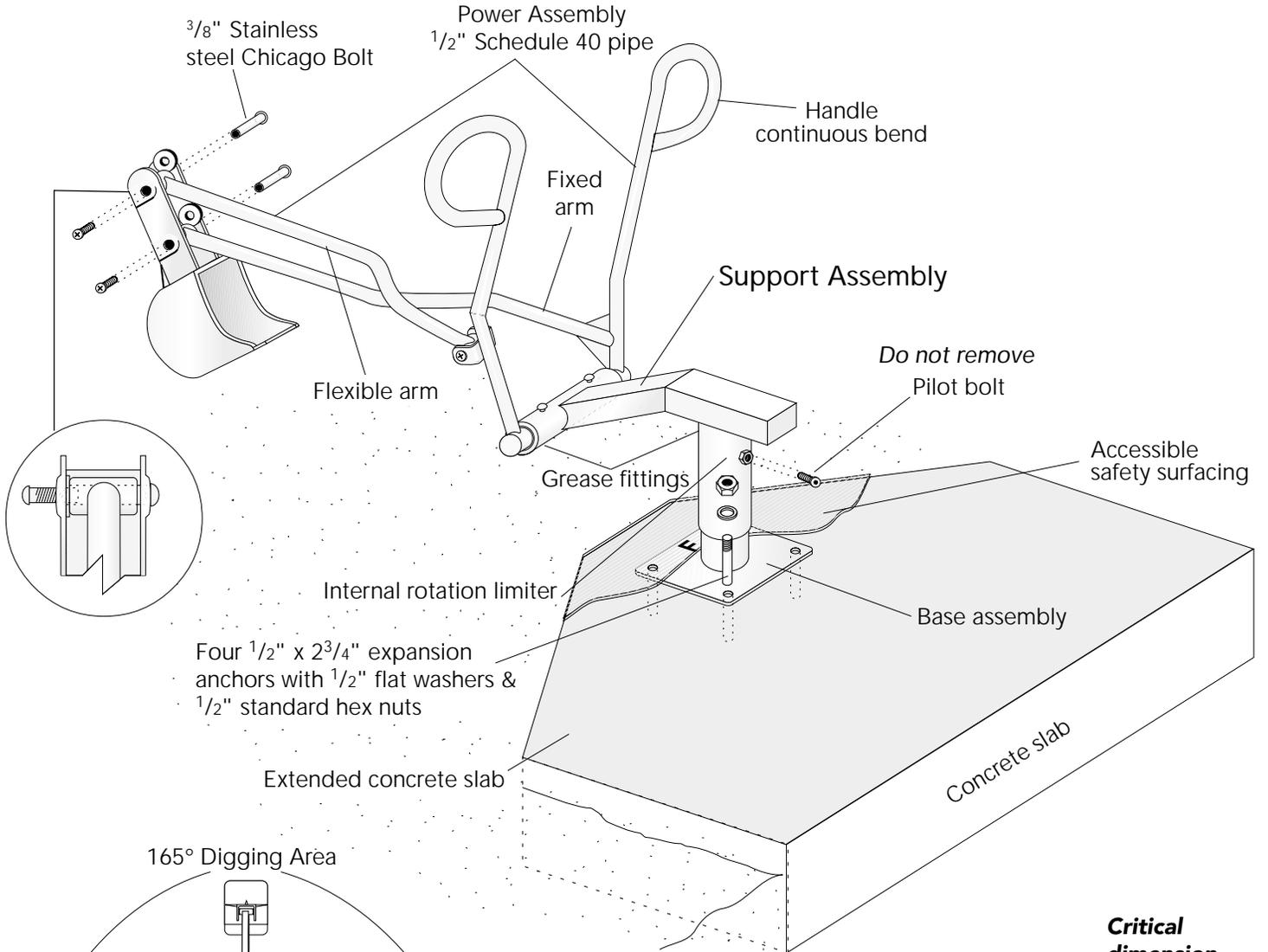
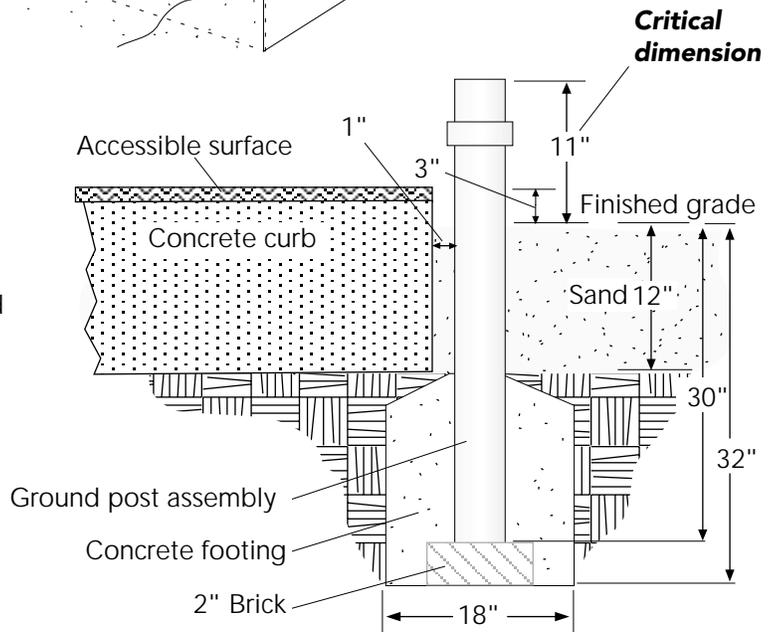


# POW'R LOAD'R™ Model 2004A Pat. Pend.

## Accessible Unit



**Detail**  
Shaft Direction



**Detail**  
Direct Bury

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## Pow'r Load'r™ Model 2004A patent pending

### Parts List

Part#	Description	Qty.	Miscellaneous Parts	
10210	Ground Pipe Assembly (direct bury) .....	1	10121 Galvanized 3/8" Washers	2
12110	Base Assembly, Tropical Yellow .....	1	10122 Button Head Screws, ss	2
12210	Accessible Unit, Support Assy., Tropical Yellow...	1	10212 Sleeve Bushing (Main Shaft)	1
12340	Pow'rload'r Hdwr. Package (surface mount) .....	1	10213 Pilot Bolt	1
12341	1/2" x 2 3/4" Expansion Anchors .....	4	10214 Ball Bearing 1/2"	1
12342	1/2" Standard Lock Nuts .....	4	10341 Cast Aluminum Bucket	1
12343	1/2" Flat Washers, Galv. ....	4	10455 Flexible Arm, Tropical Yellow	1
10350	Repair Package		10511 Shoulder Bolts 2" (Mechanism)	2
10351	Stainless Steel Chicago Bolts (Bucket).....	2	10512 Shoulder Bolt Lock Nuts 5/16"	2
10352	Flexible Arm SS Chicago Bolt .....	1	10513 Bronze Sleeve Bushings (Mechanism)	2
10353	Pivot Ends, Bronze Sleeve Bushings .....	3	12250 Left Handle Assembly, Tropical Yellow	1
			12251 Right Handle Assembly, Tropical Yellow	1

### Specifications

**Accessible Unit:** Formed from Rectangle Tube (1" x 3" with .120" wall) welded to a center support, 2 7/8" 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.

**Base Assembly:** A 6" x 6" square flat galvanized plate is welded to a solid round shaft supporting the rotating ball bearing and bronze sleeve bushing. Base Assembly is fastened using 1/2" x 2 3/4" expansion anchors with 1/2" flat washers and 1/2" lock nuts.

**Ground Pipe:** 1" steel rod with machined bearings. (direct bury)

**Hand Controls:** 84" O.D. schedule 40 pipe, bent continuously at top to form D-shaped hand hold. Bent slightly to the user providing access. One arm is flexible, one is 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 with yellow finish.

**Bucket:** Cast aluminum alloy, A356-T6. Weight 2.25 lbs.

**Hardware:** Pivot ends at bucket and hand control require installing 3/8" stainless steel Chicago Bolt. The digger mechanism is retained using 3/8" x 2" shoulder bolts.

**Installation Time:** Approximately two hours.

**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:** 30 lbs.

### Installation Instructions SURFACE MOUNT

- 1) Position base assembly on concrete slab, center of base plate 6" from edge of concrete. **Important:** Lay out base assembly with shaft in position shown for proper direction of digging area. F on Base is to be facing digging area. Refer to the Shaft Direction Detail. Keep plastic bag on shaft to prevent moisture and dirt accumulation.
- 2) Drill 2" deep holes through base plate using roto-hammer drill and 1/2" masonry bit. Tap expansion anchors into holes and secure assembly with 1/2" standard hex lock nuts and washers, apply a few drops of Loctite to secure threads.
- 3) Install safety surfacing over and around base assembly remembering to leave space for Accessible unit to rotate.
- 4) Remove plastic bag from shaft, place ball bearing in recess on top of shaft, and slide accessible unit over shaft, being careful to slide internal sleeve bushing over shaft. **Secure unit by tightening pilot bolt on side of support assembly tube with 7/32" Allen wrench.** Unit has been lubricated with Super Lube™. Grease fitting opposite this bolt is used to squirt lubricant over shaft. One to two squirts are plenty, every 6 months. If housing gets contaminated with water or sand wipe clean, reapply lubricant before installing. **Be careful, do not lose ball bearing.**
- 5) Remember this is a sand environment, keep pivot arms out of sand till unit is attached.

### Installation Instructions DIRECT BURY – same as Model 2000

### 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.