

DIRECTIONS

Windmill-Parts.com For Putting Up Windmill-Parts.com
The Currie 6-Foot Self-Oiling Windmill
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Remove castings No. 57-139-145-70.

Place casting No. 48 on top of tower using lag screws. Place casting No. 3 on tower using the wood blocks and 4 ½" inch bolts. Casting No. 137 sits in No. 48 and No. 92 on top. Before letting head clear down put oil and the balls in No. 137.

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Hook bumper rod (3/8 X 18) in flat bar bolted between sheave wheel casting No. 95 and main casting No. 46 short end of hook up. Slip other end through corner hole in angle iron brace of the vane. Bolt vane on casting No. 46, run the nut up and replace spring cotter.

Replace castings No. 70-57-139-145 on flat bar with set screw in No. 70 and casting No. 57 on same side of pipe as sheave wheel casting No. 95.

Straighten wire and slip up through small hole in casting No. 145 slot in 57 and small hole in casting No. 70. Fasten chain to wire making the connection as small as the chain. Let string down through pipe over sheave wheel in casting NO. 130. Tie on chain pull up over sheave wheels and fasten to angle bar on vane. Put on bumper spring and tighten up nuts. Slide casting No. 70 on pipe and let casting No. 3 down 1/8 inch above NO. 70 and nail blocks to tower.

Bolt bar fastened to spring to casting NO. 46 pointing upward. Hook other end of spring to vane.

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Turn hub till stroke is down. Raise pump handle up and bolt in pump poles.

In bolting the wheel together use the lock washers on all the large bolts.

Hang inside rim on hub either edge out. Bolt long arms to large part of hub. Short arms on small part of hub. Measure from bottom end of arms to tower and get them all alike. Put on outside rim either edge out. Bolt in sails. Have splice in inside rim between two arms. After sails are all in fasten inside rim with the hook bolts.

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Put oil in case up to 3 ¼ inches from top, fill reservoir one-half full in casting No. 79 under large sheave wheel No. 75. Cut string holding oiler spring and turn wind mill around see that the oiler spring turns some when it touches large gear wheel. Replace cover.

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Directions for Erecting the Currie 8-foot Self-Oiling Windmill

FIRST – Remove cover, also remove all casting on pipe and lower end of the Piston Rod.

FOR STEEL TOWER – Bolt Tower Casting on top of tower, using $\frac{1}{2}$ " bolts with lockwashers; the holes in tower should be $1\frac{1}{4}$ " from top. The No. 215 and No. 214 set on top of tower casting. The casting No. 128 or NO. 127 bolts to the tower $20\frac{3}{4}$ " from top with $\frac{3}{8}$ " bolts. The windmill head may now be put in place but before letting head clear down, put the balls with oil in No. 215.

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FOR WOOD TOWER – Fasten Casting No. 219 on top of wood tower with the lag screws. No. 215 and No. 214 set on top of No. 219. Place Casting No. 2 on tower, using the wood blocks and $4\frac{1}{2}$ " bolts. The head may now be put in place but before letting head clear down, put the balls with oil in No. 215.

Bolt vane on NO. 200 (No. 213 on top), run nut up and replace spring cotter. Hook bumper rod ($\frac{3}{4}$ by 21") in flat bar bolted between sheave wheel casting No. 95 and No. 200, short end of hook up. Remove angle bar brace in vane and put other end of bumper rod through corner hole in angle, then replace angle, then put the bumper spring on end of rod and fasten with two nuts.

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Replace No. 215-67-139-145 on Flat piston bar; be sure set screw in No. 216 and casting No. 57 are on the same side of bar as sheave wheel casting No. 95.

Straighten wire and slip up through slot and hole in No. 145, through slot in NO. 57, then through hole in No. 216 (See threading instructions). Tie string to chain and let down pipe over sheave wheels. Connect to wire, pull up and connect to S hook on vane bar. Slide No. 216 up on pipe and tighten set screw; allow $\frac{1}{8}$ " between No. 216 and lower casting, on wood tower, nail the four blocks to tower.

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Bolt bar fastened to Regulating Spring (pointing upward) to No. 200. Hook other end of spring to upper vane arm (holes provided for Adjustment). Pull mill out of gear. Turn hub until stroke is down; raise pump handle and bolt in pump pole.

In bolting wheel together, use lock washers on all bolts. Bolt long arms to large part of hub; the short arms to small part of the hub. Measure outer end of arms to tower and get them all alike. Bolt the sails in rims, putting bolts through rim first, nuts inside, screw up tight. These can be assembled on the ground.

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Cut wire holding oiler spring up and turn windmill wheel around and see that the oiler spring turns some when it touches large gear wheel; the spring must turn to carry oil to upper parts.

Fill oil case with No. 29 (Auto Oil) up to $3\frac{1}{2}$ " from top. Fill reservoir in No. 206 under sheave wheel No. 75, one-half full. Replace cover.

Let mill in gear and bolt brake lever to No. 210A, outer end pointing upward.

When Shutting Mill Off, pull out slowly and let wheel almost stop before pulling clear out.