

How to make a gateball lifter for under \$20

The following items were assembled. (*Bunnings order and prices in italics, Dec 2011*)

A length of dowel for a handle.

93166489234227 *TAS OAK DOWEL 19MM 1.2M DOW 19*

\$5.91

2 smaller angle brackets to form the jaws of the lifter.

9314622004379 *ANGLE BRACKET CARINYA 75x75x20 MA001 2 @\$1.40*

\$2.80

Packet of bolts, plenty left over.

9310086510661 *BOLT&NUT MTLTHRD ZP ZENITH SNP 3/16x30 MUSH PK 18 EAG1630*

\$3.30

1 larger angle bracket to support the lifter

9314622004386 *ANGLE BRACKET CARINYA 100X100X20 MA0019*

\$1.76

Flat plate to assist the lifter to remain upright.

9314622003969 *ANGLE BRACKET CARINYA 40X200 FLAT MABF 2041*

\$1.70

TOTAL \$15.45



Drill two holes in the handle. Use the large bracket to mark the position of the holes opposite the uppermost and lowest holes. Insert a bolt through the top hole of the larger angle bracket and through the upper hole on the handle. Tighten the nut



This is the balancing support at the back of the lifter

Put the two smaller brackets together and put another bolt through the centre hole of the overlapping brackets, through the hole at the bottom of the handle and through the large bracket at the back. Tighten the nut

These two smaller brackets form the jaws that lift the ball



Fix the final flat bracket across the back of the large single bracket with several bolts.

This flat bracket helps balance the lifter and helps it to stand



Pinch in the jaws of the lifter so that the brackets still slide under a ball but are close together enough to lift a gate ball. You may have to adjust this distance as you use the lifter

Lift, carry and place the ball,. Adjust the lifter jaws as necessary.

