

Two (2) hole flyball box parts list

This parts list is just a rough guide on what may be required to build the vertical front flyball box as noted on the plans.

Since not all hardware stores carry the same products, it's up to you to decide what materials to purchase.

Slight variances may be required during the construction process to deal with this issue.

| Item | Quantity | Description |
|------|--------------------|--|
| 1 | 1/2 sheet (approx) | 3/4" plywood |
| 2 | 1 | 2x4 - 8ft long |
| 3 | 1 | 24"x 24" anti-fatigue matting |
| 4 | 2 | quality brass or steel latch [Try: "SEADOG LINE" Brass elbow catch (W = 1 1/8" x H 1 5/16") Part no. 222330-1] Marine hardware store |
| 5 | 4 | small size 3/4"x3/4" - 2 hole corner braces; (Anchors springs to faceplate) |
| 6 | 2 | medium size corner braces (a.k.a. L-Bracket), 2-1/2" long x 1/2" thick; (Anchors spring to ball hammer) |
| 7 | 4 | large size, 3" long x 3/4" thick corner braces (a.k.a. L-Bracket); (Anchors ball hammer to the bottom of the box) |
| 8 | 2 | 3/4" x 1/4" inside diameter steel bushing; (ball hammer pivot point) |
| 9 | 1 | 48" long medium size piano hinge (to be cut in half. 24" for lid, 22" for front pedal) |
| 10 | 2 | 1/2" wide x 2" long x 1/16" thick steel flatbar. (X-bar for anchoring ball hammer springs to ball hammer L-bracket) |
| 11 | 1 | magnet catch (for lid) |
| 12 | 2 | 1/4" x 1-1/2" bolt; (ball hammer pivot point) |
| 13 | 4 | 1/4"x 1-3/4" carriage bolts; (de-latch arm trigger adjustment) |
| 14 | 10 | 1/4" nuts |
| 15 | 6 | 1/4" regular flat washers (4 for ball hammers, 2 for bolting L-bracket to de-latch arm) |
| 16 | 10 | 1/4" lock washers (2 for ball lever pivot, 2 for de-latch L-bracket, 4 de-latch trigger adjustment, 2 for spring X-bar) |
| 17 | 8 | 1/4" extra large flat fender washers; (4 for ball hammer bushing, 4 for de-latch arms) |
| 18 | 4 | #10 x 24 x 2-1/2" machine bolts (bolts de-latch arm to pedal) |
| 19 | 2 | #10 x 24 x 1-1/4" machine bolts (bolts corner brace onto the de-latch arm) |
| 20 | 6 | #10 x 24 nuts |
| 21 | 6 | #10 flat washers |
| 22 | 2 | 1/4" x 3/4" bolt; (bolts the ball hammer X-bar to the ball hammer L-Bracket) |
| 23 | 1 | 250ML (small) can of <i>Lepage Pres Tite</i> contact cement |
| 24 | 4 | 5/8" dia x 3" long extension springs (Ball hammer springs; you might have to experiment with different springs to obtain the correct ball speed) |
| 25 | 1 | 3/4" x 3" light weight compression spring (to be cut in half and used in the front pedal return block) |
| 26 | small pack (30) | 8 x 1-1/2" flat socket head wood screws (used for fastening most of the pieces) |
| 27 | small pack (30) | 5 x 1/2" flat socket head wood screws (fastening the piano hinge for the lid) |
| 28 | (box) 100 | 8 x 1-1/4" flat socket head wood screws (used for fastening most of the pieces) |
| 29 | small pack (30) | 8 x 1" truss socket head metal screws |
| 30 | small pack (30) | 8 x 3/4" truss socket head metal screws (fastening the piano hinge for the pedal and floor of the box) |
| 31 | 1 | small piece (5"x5") of indoor/outdoor carpet to act as bump stops for the pedal and ball hammer |