



BRAVE SWING FRAME

B11/1018

CONTENTS (The Framework is in a long separate package.)

YOU WILL NEED 13mm Spanner &
2 Adults during Part 5.

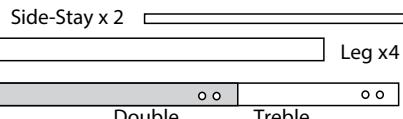
Please Read, Keep
and Follow These
Safety Instructions.

- Product to be assembled by an adult.
- Always use under adult supervision.
- Inspect for damage before use.
- Do not assemble or use if parts are missing or damaged.

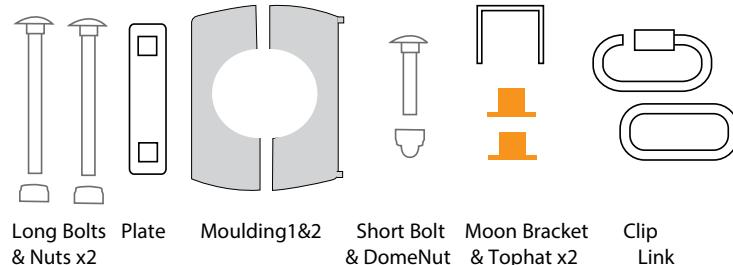
Subpack



Framework



Polo Brackets: Single x2, Double x4, Treble x6



Tips Before you Start.

Try our Website for Instructional Videos, or read these instructions fully before starting.

Decide where you are going to put the frame (see "Safe Positioning")

Construct the Frame close to this position

Fitting the Cliffhanger attachment? - Do not put the 2" endcaps on the crossbar.

ASSEMBLY INSTRUCTIONS

1. Secure the Nuts x 12

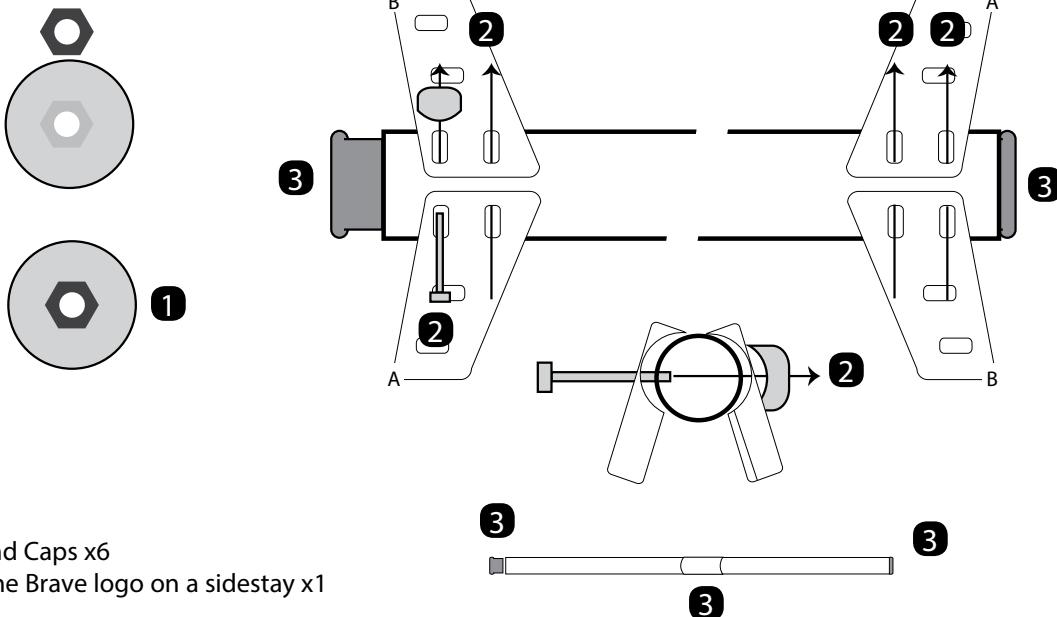
Push a nut securely into each Saddle washer, so you dont loose them.

2. Attach the Leg Brackets x 4

Leg Brackets are "handed" and marked A or B.

Each end of the crossbar should have an A and a B, positioned so that the legs shape outward.

Bolt through a Washer, a Bracket, the Crossbar, a second bracket and into a Saddle Washer'd Nut.

3. Fit the End Caps x6
And slide the Brave logo on a sidestay x1

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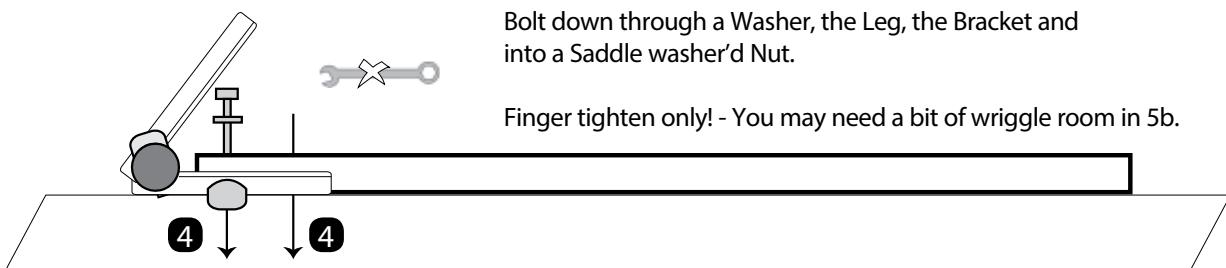
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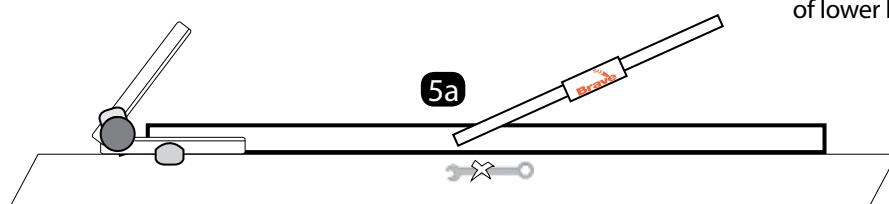
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4. Attach 2 Legs. (Legs are identical.)
Turn the Crossbar so that 2 brackets lay on their backs,
then place a leg in the bracket.

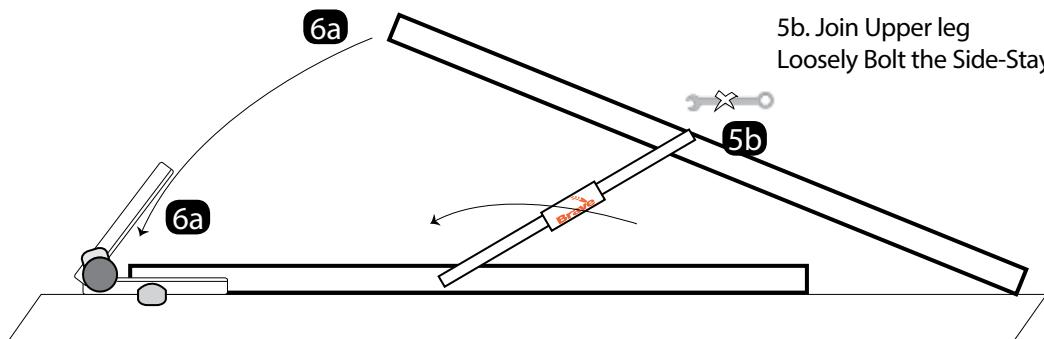


Bolt down through a Washer, the Leg, the Bracket and
into a Saddle washer'd Nut.

Finger tighten only! - You may need a bit of wriggle room in 5b.

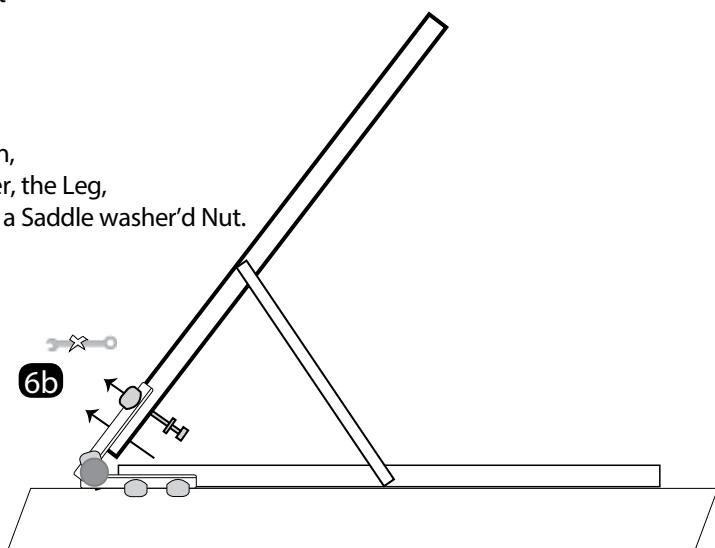


5. Fit Side Stay
5a. Loosly bolt Side-Stay to outside
of lower Leg



5b. Join Upper leg
Loosely Bolt the Side-Stay to upper Leg

6a. Post the upper Leg
into the Leg Bracket



6b. Bolt into position,
Up through a Washer, the Leg,
the Bracket and into a Saddle washer'd Nut.

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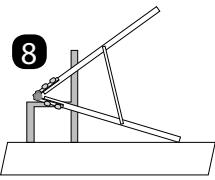
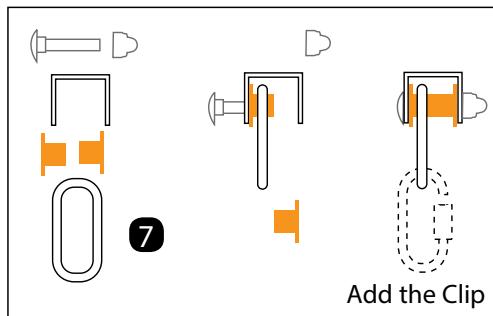
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7. Assemble the Polo Brackets.

Pass the Short Bolt through the square hole in the Moon Bracket, then load with: a Tophat Bush; the Link; the 2nd Tophat. Finish with the DomeNut.

Tighten - Hard. A loose Bolt's shoulders will click in its square hole.

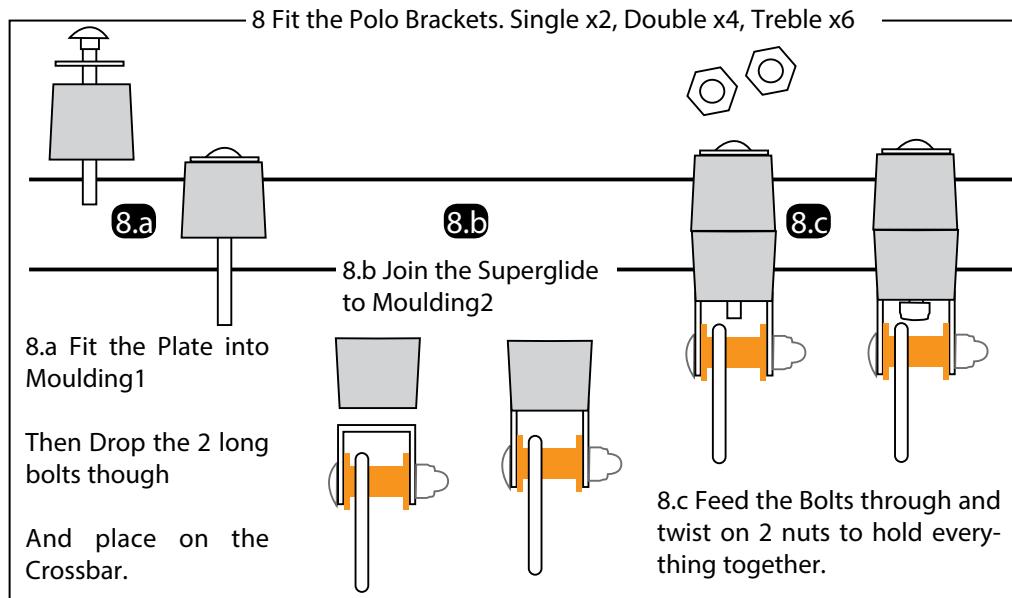


8. Tip.

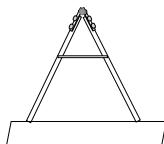
Rest the crossbar at a comfortable working height

8.c Tip.

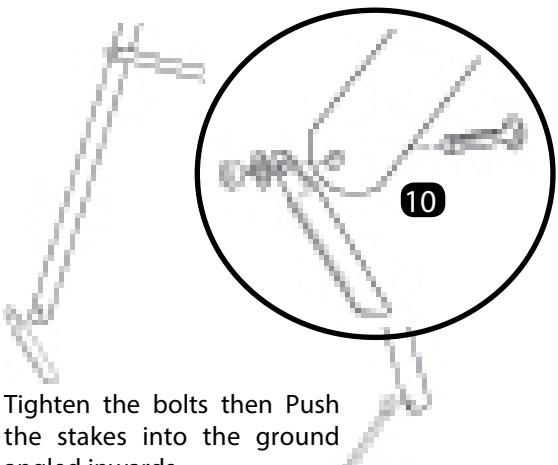
While you can use the tool to take up the slack now (in comfort), do not "tighten" the nuts yet: we position these brackets later.



9. Now stand the Frame upright
and put it in a Safe Play Area (see "Safe Positioning" on next page)
Then lift each Leg in turn to let the Frame find its natural shape.



10. Attach the Stakes x4



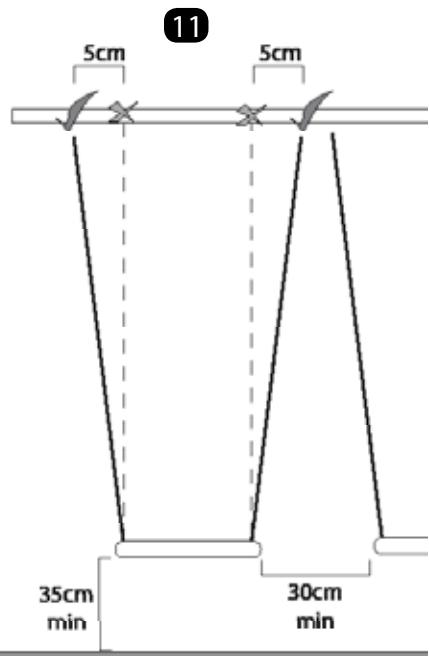
Tighten the bolts then Push the stakes into the ground angled inwards.

11. Position the Polo Brackets

Swing ropes should Rise Apart, so that the Brackets are 10cm wider than the swing.

There should also be a 30cm gap between swings.
45cm where the swing has only 1 rope (ie Monkey swing)

Once they are positioned correctly...



12. Tighten the Polo Brackets.

The Polo Brackets should not move during use.

13. Check all Nuts are tight

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Make your frame Comply with EN71

The following instructions are given so that both Brave and you can comply with a european safety directive EN71-8.

We do want to comply with this directive and therefore must print them. Not only do we fully agree with the spirit of the regulations (the desire to prevent accidents), we also think it very sensible that you should be aware of the potential for accidents that the regulations have identified.

Safe Positioning

Your swing must not be installed over concrete, asphalt or any other hard surface.

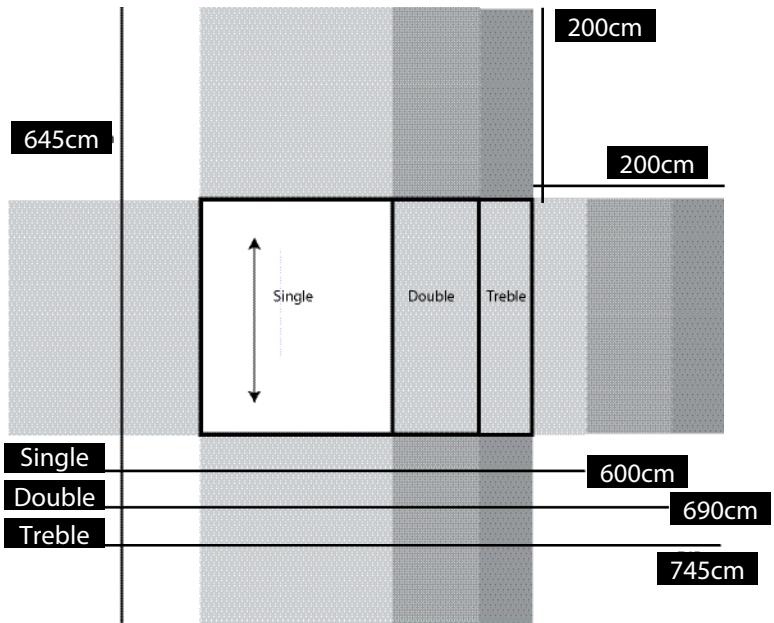
Children can be seriously injured swinging into obstacles.

We recommend positioning your frame at least 2m from any structure or obstruction such as a fence, patio, wall, laundry line or electrical wires.

Additional accessories may increase the size of the Safe Play Area.

The swing frame must be level.

Installing your Frame with a lean or 'rack' puts additional stress on all the connections and joints and in time will cause them to fail.

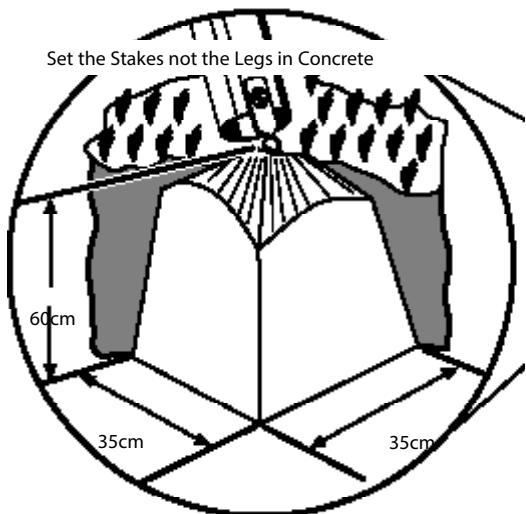


Prevent Overturning

Children could be seriously injured if they were able to tip the Frame right over on top of them.

To set the ground stakes in concrete.

1. Mark position of legs
2. Lift swing frame to one side.
3. Excavate 4 holes 60cm(2ft) deep and 35cm (15") square.
4. Fill the holes with concrete
5. Place a thin piece of wood - ply is perfect-across each hole, resting on the concrete, to form a bridge.
6. Lift swing frame back onto the bridges.
7. Press the stakes into the concrete at 90 degrees to the slope of the leg, and bolt to the leg, using the 60mm bolts, washers and nuts.
8. Allow the concrete to set.
9. When the concrete is hard, slide the 'bridges' away.



Regulations Vs Play Value

The Brave swing has been designed so that is very difficult to tip over.

Even without the stakes it just narrowly fails the En71-8 stability test.

The addition of concreting-in instructions means that the test is not required to pass En71.

If this seems like a fudge to you then consider that a really well-set frame is more fun to play on than one that lifts its leg - even if that leg-lift is thousands of Newtons shy of tipping the frame over.

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