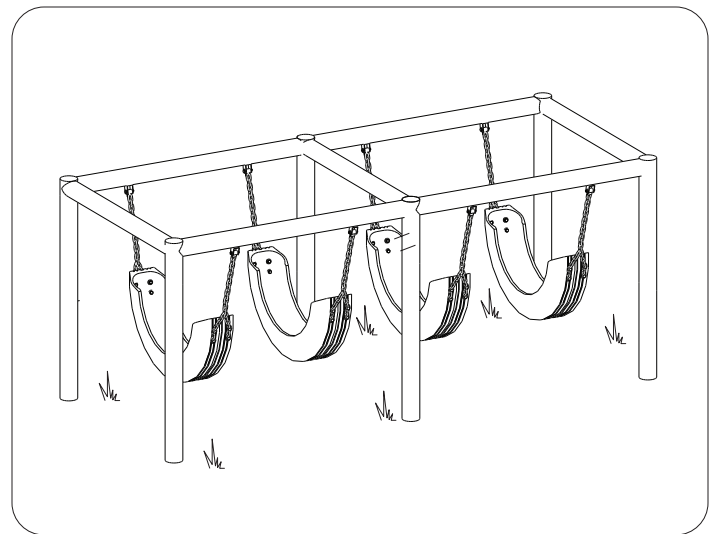
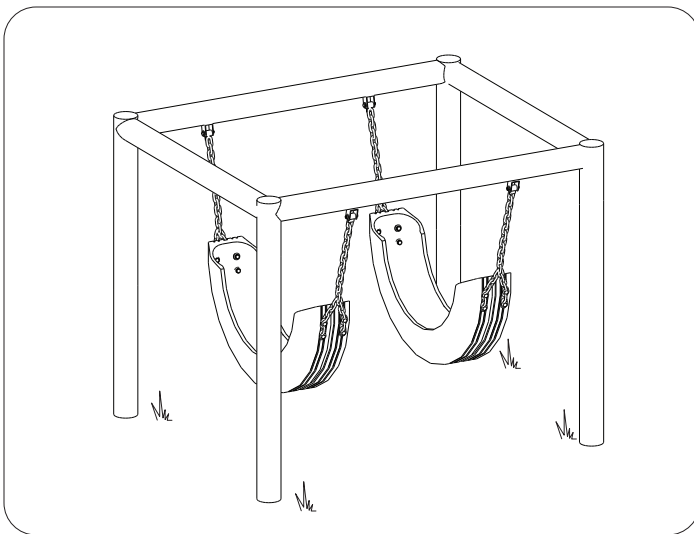
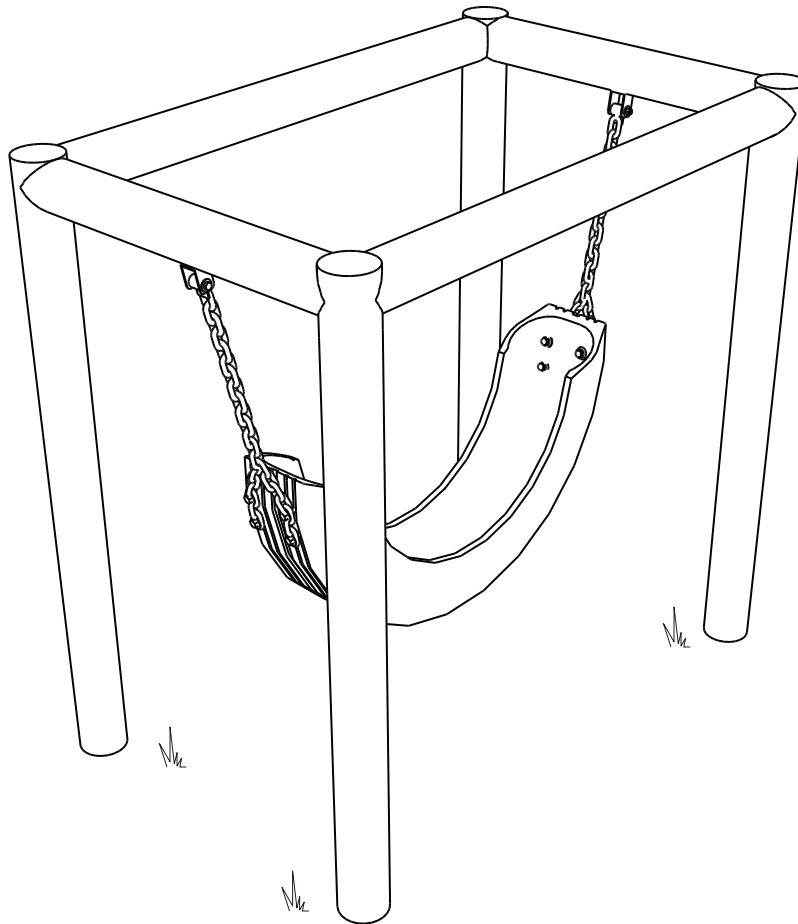


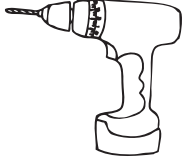
SWING TRUCK TIRE HAMMOCK

Instructions Author: Socheata Kong





Utility Knife



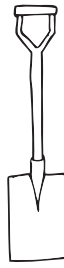
Drill



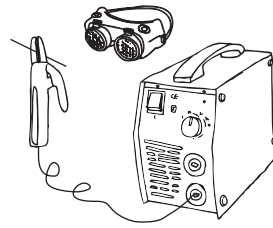
Grinder



Spanner



Spade



Welder



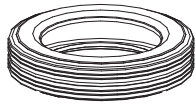
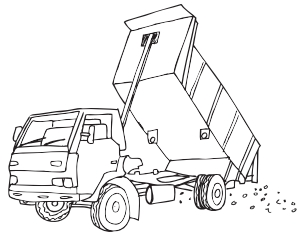
x8

Hex Bolt



x2

Washer

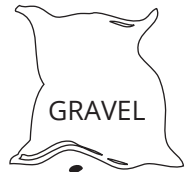
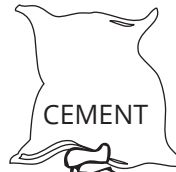


x1

Truck Tire*



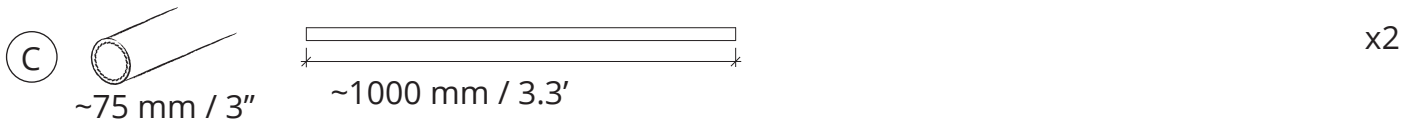
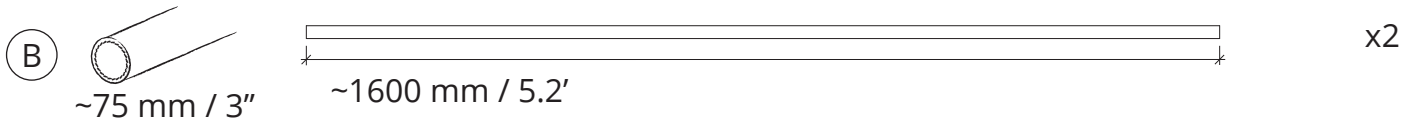
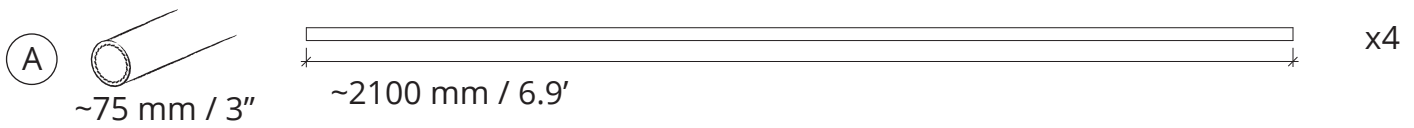
Paint & Brush



* You must choose a tire marked with Nylon. Many truck tire sidewalls and tread contain steel wires and these are not appropriate for the design.



STEEL TUBE



STEEL ROD



STEEL ROD



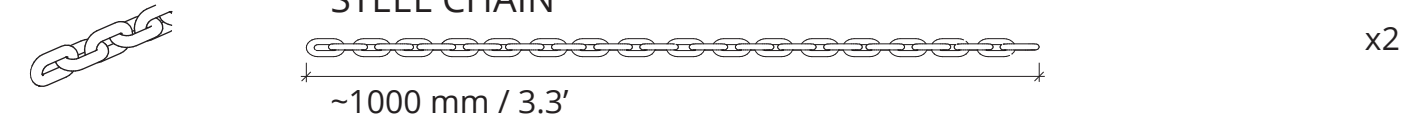
STEEL REBAR



STEEL PLATE



STEEL CHAIN



Please note: All measurements are indicative only. Measurements need to be adjusted according to context, available materials, tools, and local construction methods.



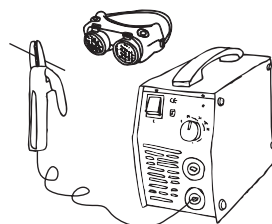
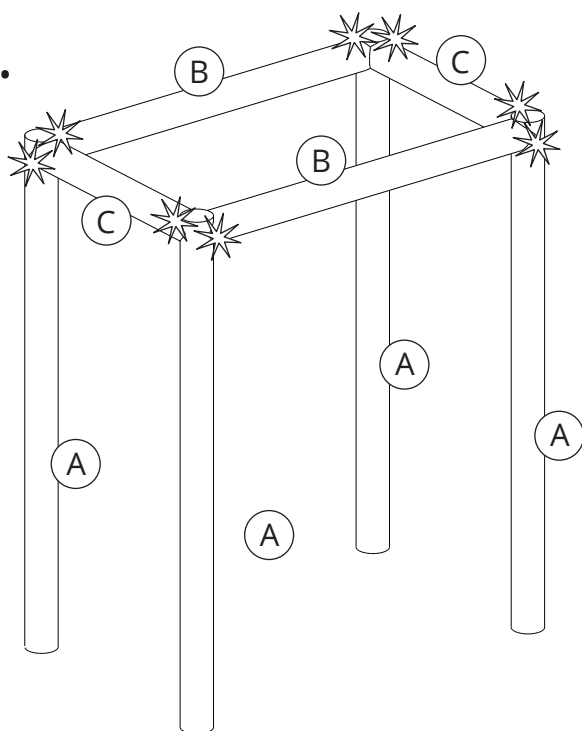
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acting or refraining from acting in reliance of the step-by-step playground plan or for failure to comply with the national safety standards in the applicable country, whether based in contract, tort (including negligence), strict liability or otherwise.

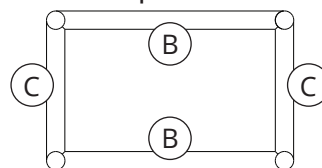
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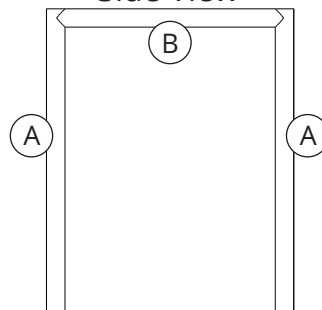
1.



Top View

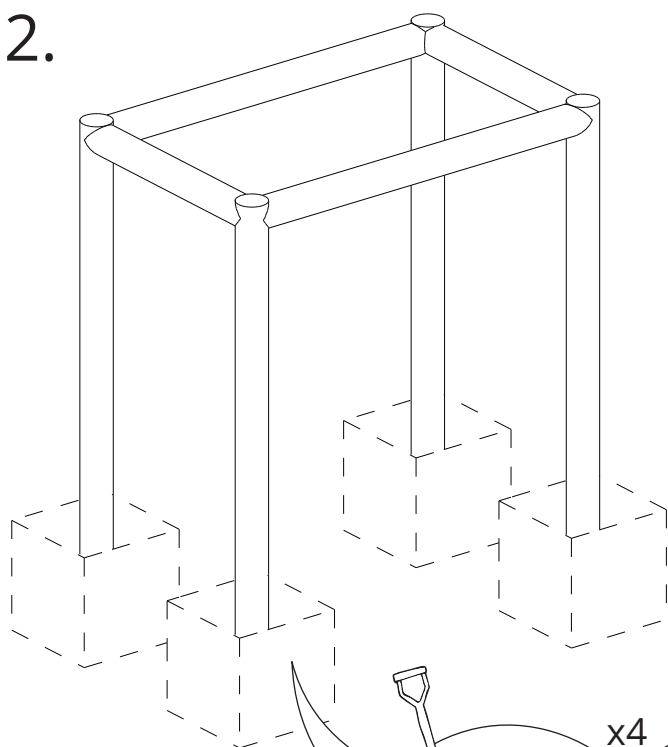


Side View

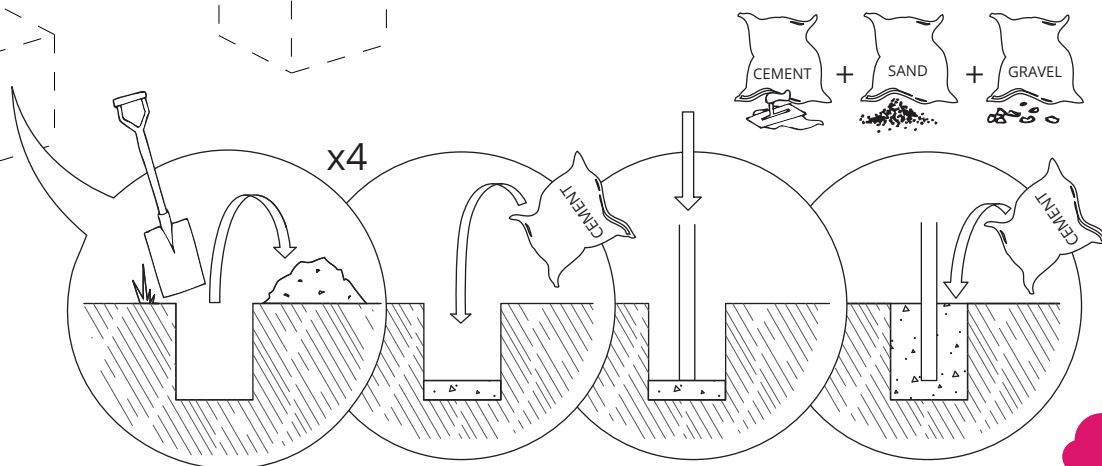


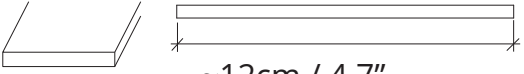
Build the frame of the structure by shaping the ends of the metal to the round tubes and weld them together.

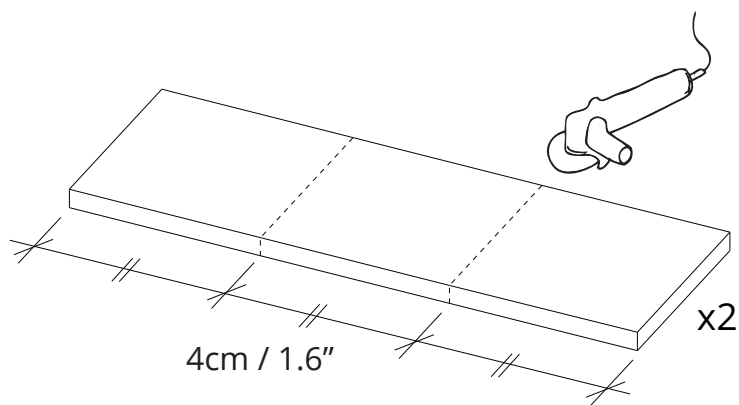
2.



Place the metal structure where you want it and mark the ground to determine where to dig. Next, pour in concrete mix into the hole for the base. Then, place the structure into the holes and fill the holes with concrete mix.

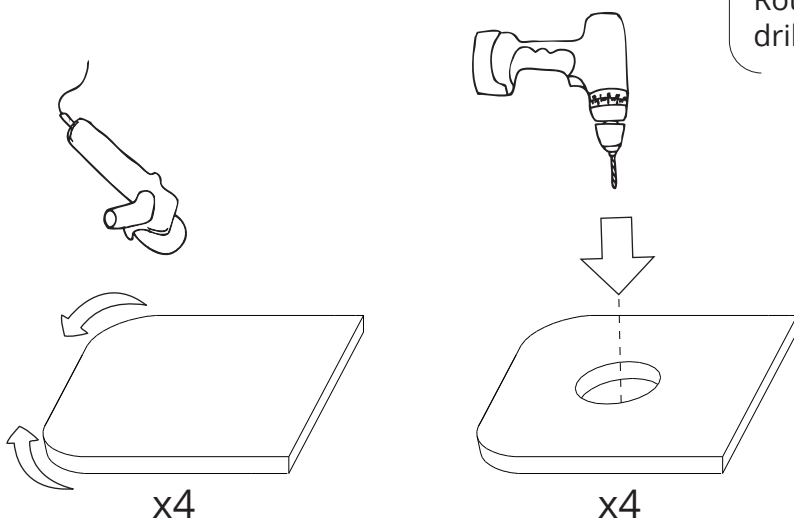


3.  x2
~12cm / 4.7"



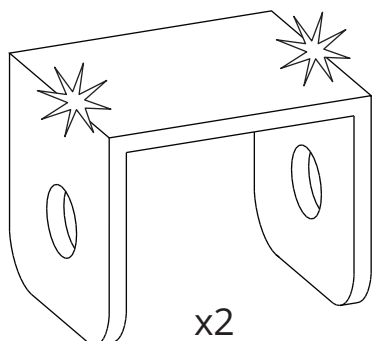
Cut the metal plates to the appropriate lengths for the swing hanger.

4.

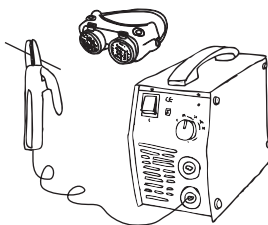


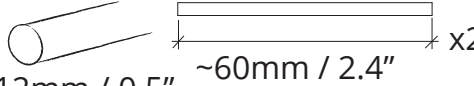
Round off the edges of four plates and drill a hole through those plates.

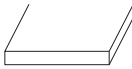
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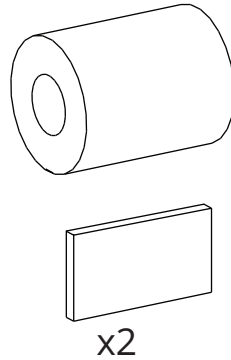
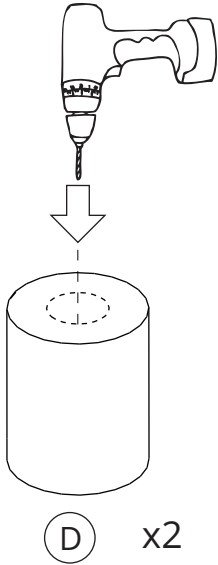


Weld the cut metal plates from the previous steps into a "U" shape.

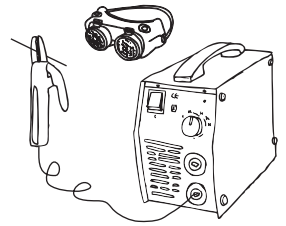
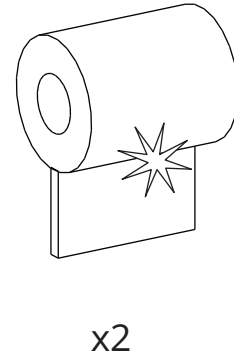


6. (D)  x2
 ~12mm / 0.5" ~60mm / 2.4"

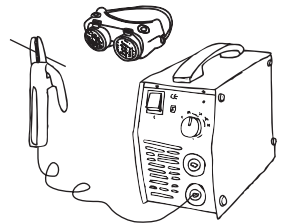
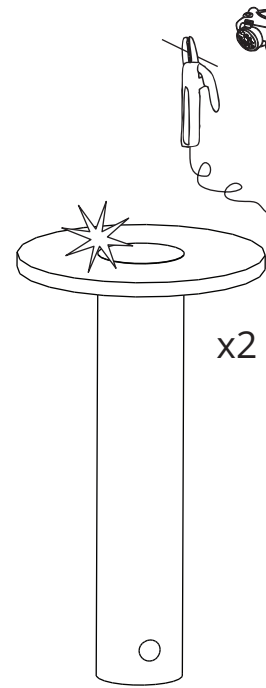
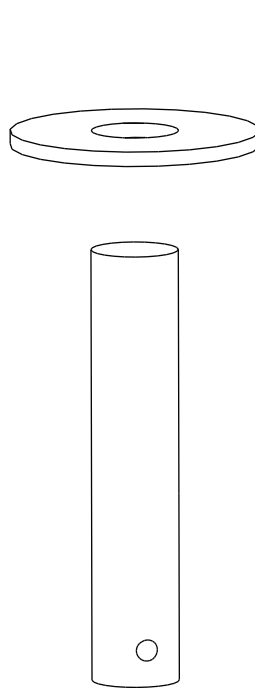
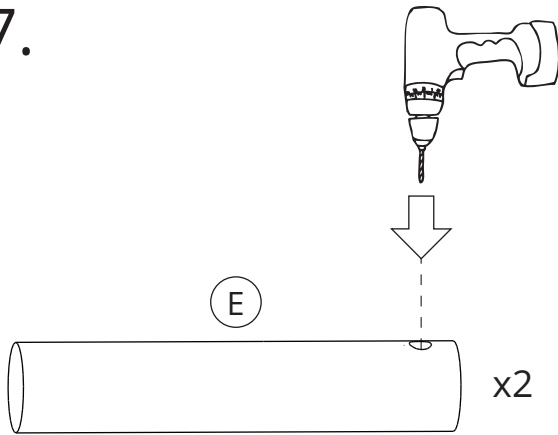
 x2
 ~25mm / 1"



Drill a hole through the thicker solid steel rod and weld the 5 mm / 1" steel plate to the steel rod.



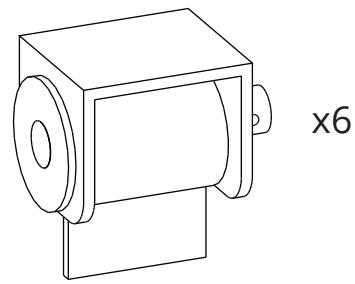
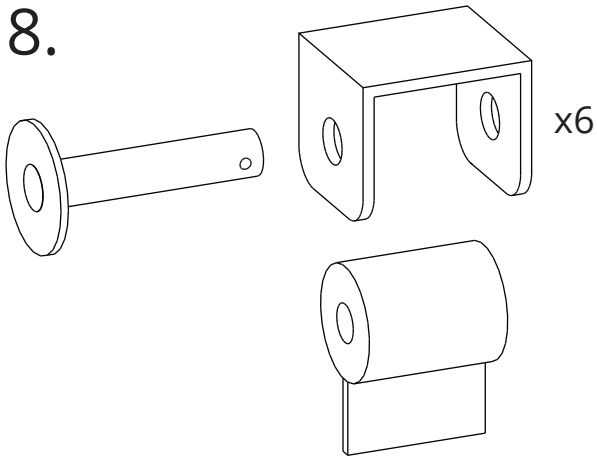
7.



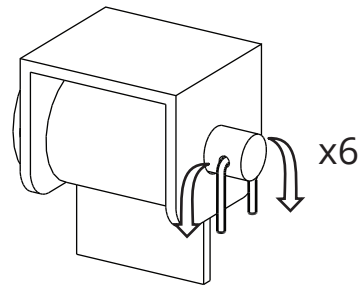
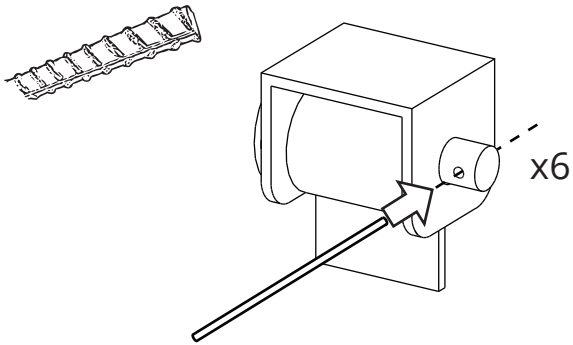
Drill a hole near the end of the narrower steel rod and weld a washer to the opposite end of the steel rod.



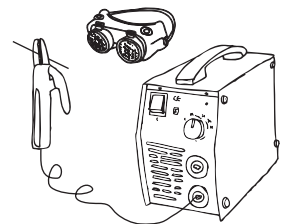
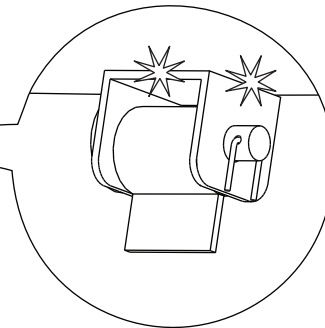
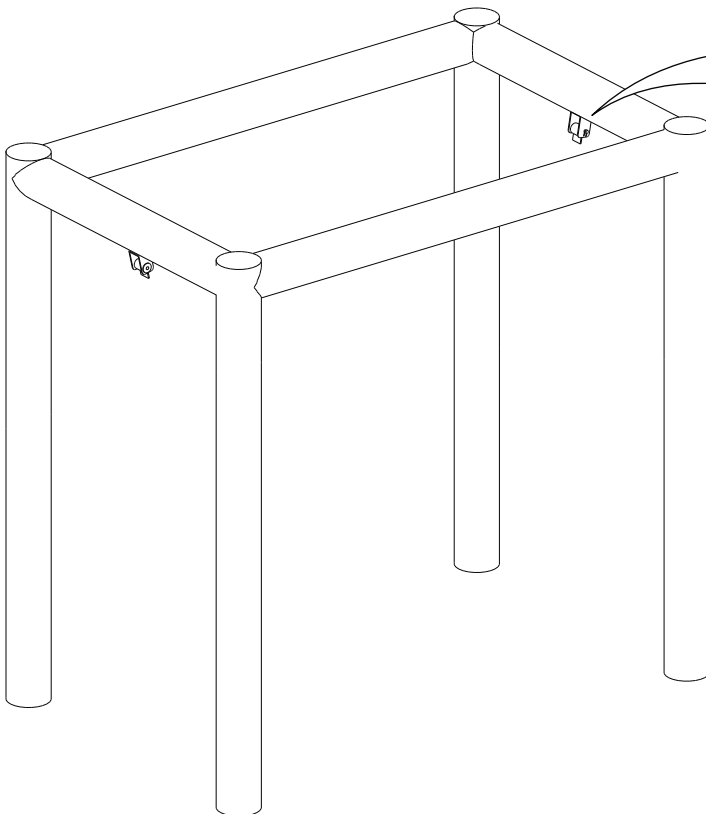
8.



Take the thicker rod and place it between the bracket and insert the narrow steel rod through the bracket and thicker rod. Then, insert the rebar through the hole in the narrow rod and bend the rebar.



9.

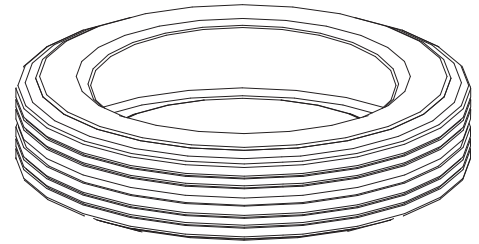
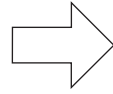
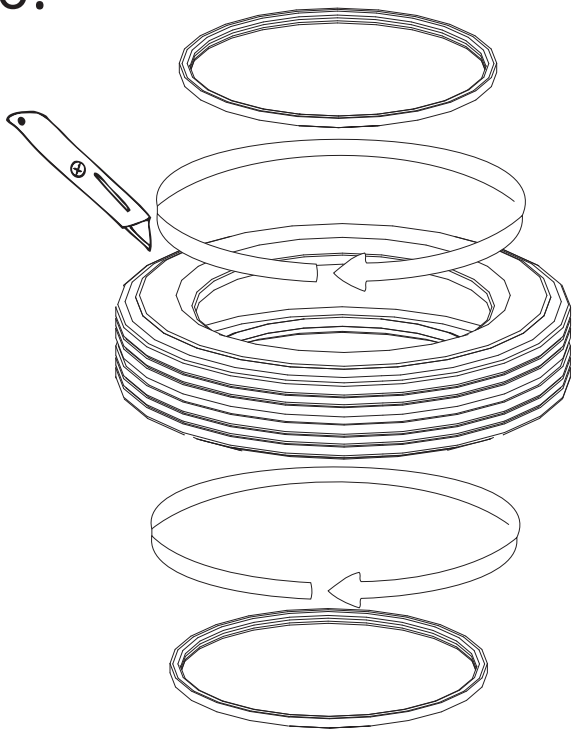


Weld the swing hanger to the swing frame. Make sure to have the hanger welded all around.

For a stronger connection, add a strip of metal through the bracket around the pole and weld the metal strip and pole together.



10.



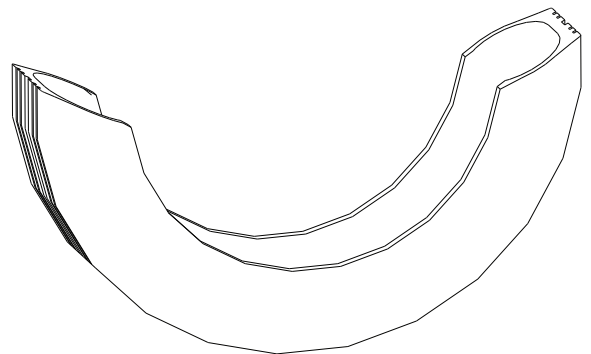
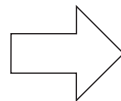
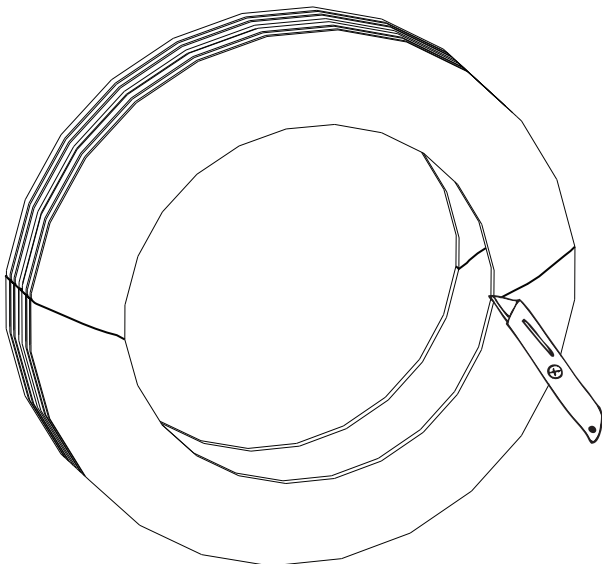
x1



Remove only the rim bead from the truck tire.

11.

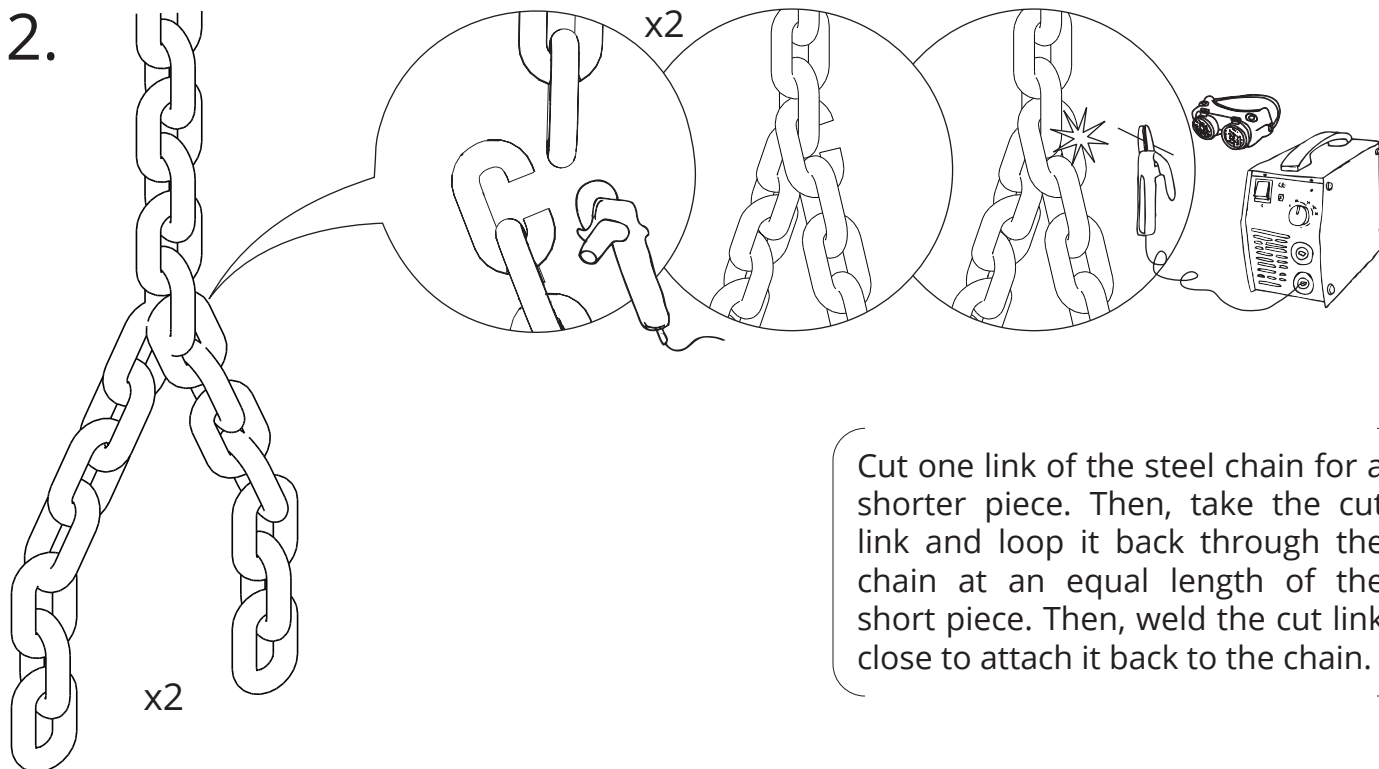
Cut a truck tire in half at an acute angle with a sharp blade.



x1

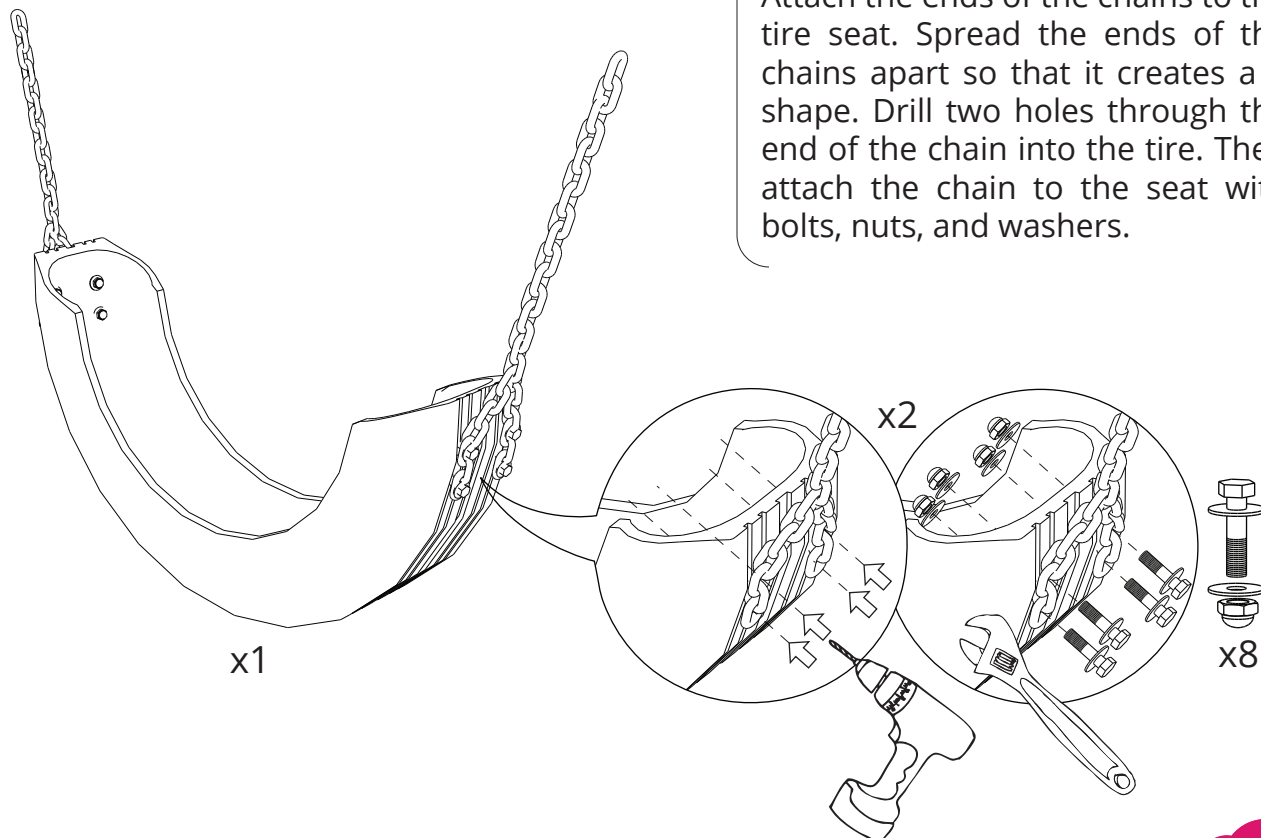


12.



Cut one link of the steel chain for a shorter piece. Then, take the cut link and loop it back through the chain at an equal length of the short piece. Then, weld the cut link close to attach it back to the chain.

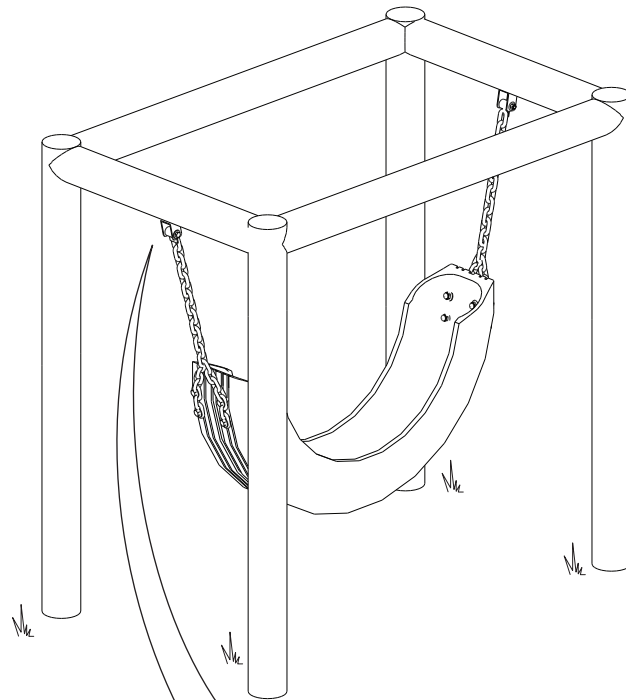
13.



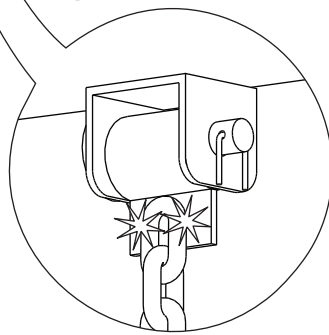
Attach the ends of the chains to the tire seat. Spread the ends of the chains apart so that it creates a V shape. Drill two holes through the end of the chain into the tire. Then attach the chain to the seat with bolts, nuts, and washers.



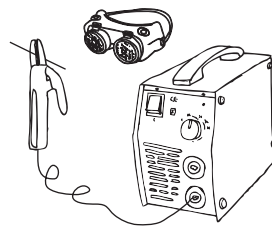
14.

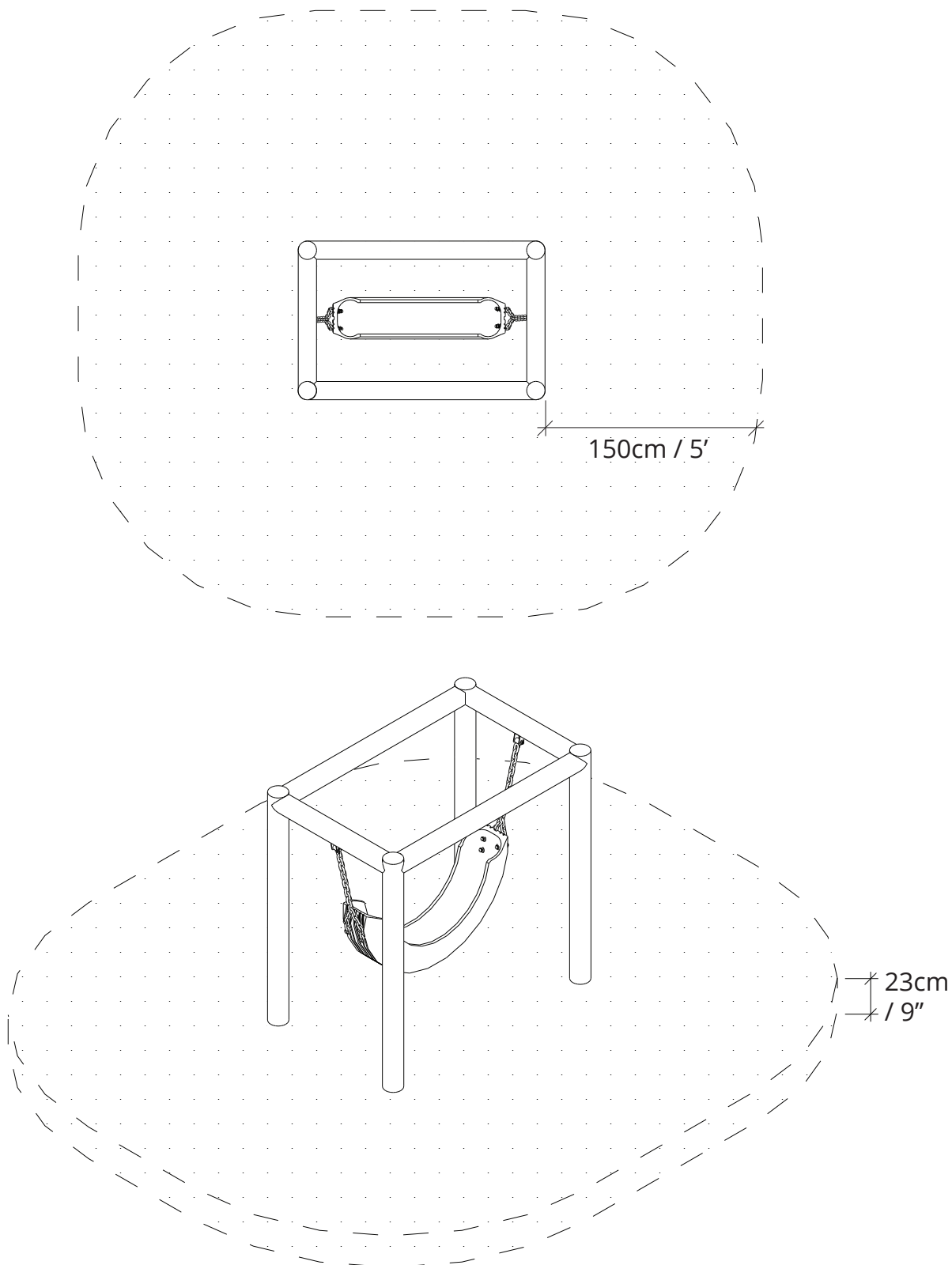


Weld the steel chain to the small metal piece hanging from the swing hanger. Make sure to have all part of the chain piece welded to the steel plate.



x2

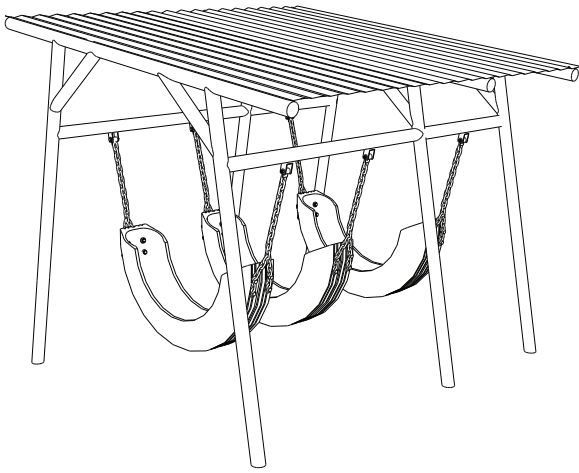




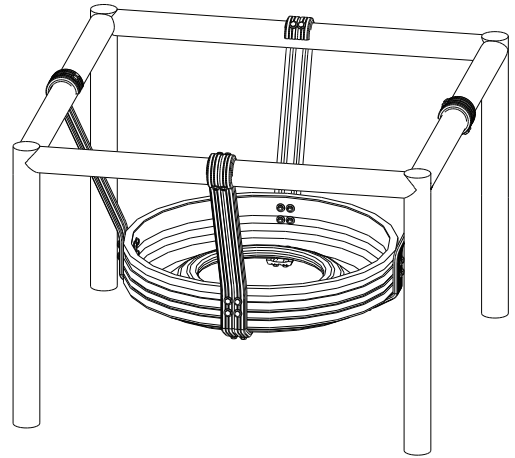
This element requires soft fall material and can overlap with other elements. Please refer to the Playground Ideas Safety Handbook.



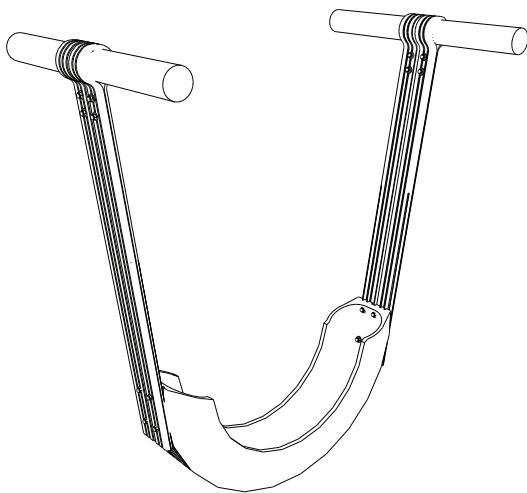
If you like this Swing Truck Tire Hammock, please check out these elements below as well:



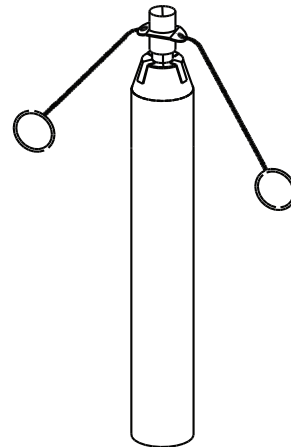
Hammock Set
with Roof



Swing Tractor Flat
Maxi Hammock



Swing Monster
Truck Flat



Swing Monkey

