

2'x4' & 2'x3' 1:10 Scale RC Ramp Instructions

Note: read instructions completely before assembling, or at least skim through to get an idea of the full process.

- 4 foot wide ramp shown, 3 foot ramp is the same process.

Deck Selection

Normal use – 1 sheet of 1/8" Masonite. Textured side up for traction, or smooth side for better high speed hits.
Hard Bashing – 2 sheets of Masonite, or 1 sheet of any plastic (not acrylic).

Using the ramp

- Ramp is best used on dirt and grass
- When using on pavement or hard surfaces add weight to keep it from moving. A couple sand bags laid on the legs or dumb bells will hold more it solid. You can cut up old jeans or pant legs, tie a knot in them and fill with dirt to make your own. 20# is a good start weight.
- When using in dirt it helps to pack some at the front and middle of ramp to hold it more solid.
- 40° position – does not use start feet - will be pretty stable at any speed
- 50° position – short "M" side of start feet - will need extra support for high speed hits
- 60° position – tall "H" side of start feet - is not meant for high speed hits, but can take it with enough support.

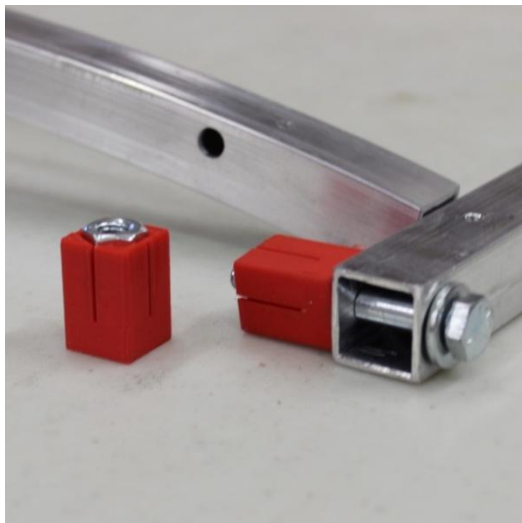
Jumping Tips

All cars jump different. It's best to hit at a steady speed, then add or subtract throttle depending on how car wants to fly. Hitting the ramp while accelerating will help with backflips; smaller, slower & 2wd cars don't like to flip(not enough inertia). Car will react different on slow hits vs. fast hits & with different ramp settings. The chassis will bottom out and ride on ramp during fast hits, this is normal. Keep an eye on front and rear skid plates for wear if you're bashing hard.

Assembly

Step 1 – Assemble Tube Inserts - Left pic. below – Install these on the long straight tubes as shown. Leave them a little loose so they don't expand yet. Push nut in till flush, then spin onto bolt.

Step 2 – Layout Frame and Tools - Right pic. below – It's good to do this on a card table or bench, rather than the ground. Tools needed – 1/8" drill and Phillips bit on a second drill is helpful. 7/16" ratchet and wrench. Spring clamps or any other clamp for holding ramp deck. Layout Frame pieces, some scratches are common, orient them toward the inside or ramp deck side.



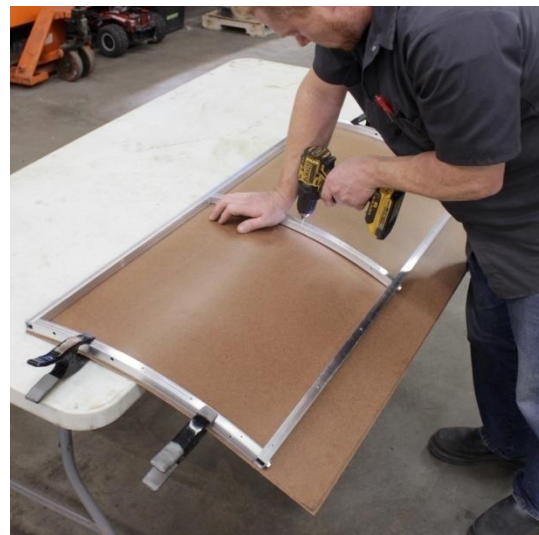
Step 3 – Assemble Frame – Left pic. Below – Start with one side, make sure all the ribs are oriented with the red dots & double hole side matching for legs. Snug up tube inserts until ribs have a little tension, work off edge of table & push ribs down to ensure they are flat and square. Then tighten all bolts to 10 ft/lb (or good'n firm).

Step 4 – Clamp Ramp Deck – Right pic. Below – Center deck on frame, ensure it's oriented so the top matches the red dot rib side with two holes for the legs (refer to Step 9). Add clamps and continue to center deck on frame. The middle might need to be “popped” into shape, use edge of table to push it up.



Step 5 – Attach End Ribs - Left pic. below – Drill and install two screws in the middle of rib. Slide ramp off edge of table to install screw. Then repeat for the other side of ramp. Snug up screws, don't fully seat until all screws are in.

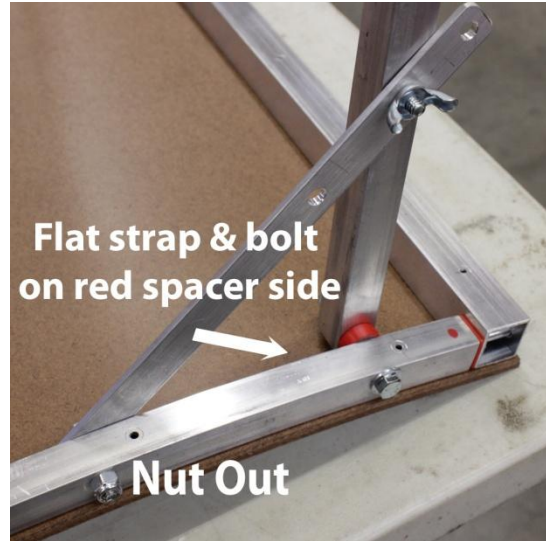
Step 6 – Attach Center Rib - Right pic. below – Hold ramp on edge of table and drill center hole while holding pressure, this ensures the ramp will take the proper shape. Then flip ramp over and install center screw. Repeat drilling and screwing the remaining center rib screws. Hold pressure while drilling from back, flip and screw top.



Step 7 – Attach End Ribs – Left pic. Below – Now it get’s easier. Move clamps to hold deck tight to frame, drill and screw remaining end ribs. Work from the center out until all ribs are secured.

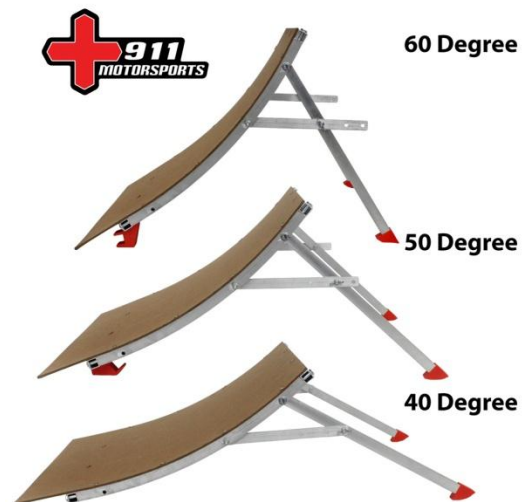
Step 8 – Attach Straight Cross Tubes – Not pictured – Drill all remaining holes, then flip over and install all remaining screws. Then final tighten screws to be (mostly) flush with deck. After using ramp a bit come back and re-torque screws.

Step 9 – Install Legs – Right pic. Below – Attach leg with included red spacer, start bolt from outside as shown. Then install flat bar support, start this bolt from the inside as shown. Tighten bolts and nuts, until everything is held firm but still easy to move.



Step 10 – Check Leg Folding - Left pic. below – If installed correctly leg should fold flat and clear bolt for flat bar support.

Step 11 – Start Feet – Right pic. below - Clip start feet to bottom bar. The short position will be for the middle 50° hole on flat bar. Flip foot to tall position for 60° hole on flat bar. Don’t use the feet for the 40° position



This is a new product, so your feedback is really appreciated. Let us know how the kit went together for you and if the instructions were clear or not. Reviews are also appreciated. If you have negative things to say, it would be nice to contact us first to see if we can remedy the problem. Follow us on Instagram and Facebook to tag us in any videos or posts, we would love to see what you are jumping with and share it for others.