

ASSEMBLY INSTRUCTIONS
RTS 10D4 THE QUESTION BOX RIVERSIDE
LENGTH 8½ “ WIDTH 5“ HEIGHT 6½ “

CONGRATULATIONS

Congratulations in choosing a unique product to enhance your slot car track diorama. This can truly be described as a product born from a love for slot cars. Buying this product have made you a member of a very special family, yes you are not dealing with a faceless business, but rather a family of slot car fanatics.

This product is a replica of a building that use to grace the trackside of the Riverside International Motor Raceway in Los Angeles, United States. It is a double story building with a kiosk on the ground floor and a roofed viewing deck on the first level.

We have put hours of skill and more importantly love into this product and it is wonderful to share our love for slot cars with you. May you enjoy the build and have years of joy having it as part of your trackside diorama.

WARRANTY

This product is covered by a comprehensive money-back warranty to ensure your absolute satisfaction with your purchase.

WHO ARE WE?

This product is brought to you by racetrackscenics.com. If you have not done so already, please visit our website today. You are also most welcome to visit the Facebook pages “Race Track Scenics Slot Car Scenery” and “Johan Malan” to keep up to date with the latest developments and the launching of exciting new products that may be in the pipeline.

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for any assistance that you might require. Your feedback and a photo or two of your trackside addition will really be appreciated. We love to share in your joy!

WHAT IS IN THE KIT?

In this kit you will find all the laser cut pieced needed to assemble this product. The pieces are still intact in the sheets as they were cut to ensure that all the parts are there. Some of the loose bits inside pieces may have been removed, but they are not part of the finished product. In the section “FAMILIARIZE YOURSELF” below, you will find diagram(s) that identify and explain each piece (component) that you are about to assemble. In the section “PREPARING THE CUT PIECES” below, you will learn how to proceed to prepare the pieces for assembly.

In the kit you will also find some optional pre-cut artwork printed on matt photo paper. This can be used to brand your finished product.

WHAT YOU WILL NEED

We have specifically designed this product so that it is easy to assemble with only a few basic tools. You will need the following:

- a screwdriver
- a sharp hobby knife
- some glue
- a few toothpicks
- a few earbuds can be handy
- a paintbrush and paint or a rattle can or two with spray paint.

There are really two schools of thought as to the right glue to use. Some people prefer a rapid setting glue like most gel super glues, while others prefer a slower setting glue like ordinary cold wood glue. Sometimes more than one part must be assembled almost simultaneously and then a forgiving glue makes life a bit easier. Other times you may want a quick fit and then the rapid setting glue is the obvious choice. Our advice is to see what works best for you, there are no right or wrong, both types will produce a sturdy structure.

You will only need a small amount of glue and remember to look for the surfaces that will be in contact in the end and do not only apply glue to the lugs and sleeves. The latter restrict movement in one plane, but the glue fix it in the perpendicular plane. Using a toothpick is a handy way to apply glue and an earbud can be used to dab away any excess of glue (especially if you use wood glue).

If parts must be at a right angle, you can use any object to assist you in obtaining a square finished product in the end.

FAMILIARIZE YOURSELF

Have a look at the photo of the finished product.

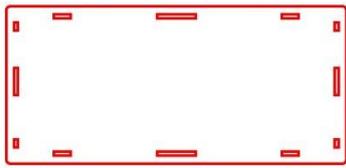


Now have a look at this diagram where all the laser cut parts are shown and numbered from **A** to **T** and try to identify which is which and where they fit in.

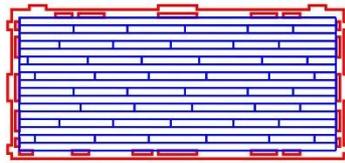
The structure basically has a base plate (floor) (**A1**), a first floor (**B1**) and a roof (**C1**), four walls on the lower level (**D1, G1 & J1-2**) and four walls on the upper level (**E1, F1 & H 1-2**). Then there are two doors (**K 1-2**) and three serving counters (**L1-2 & M1**). You will notice that the first floor has engraving detail that must face upwards. The roof (**F**) is grooved to give a corrugated finish and the grooving must face upwards.

To finish off the building there are three planks (**N1 & P1-2**) that fits onto the sides and front of the first floor (**B1**) and a further three planks (**R1 & S 1-2**) that fits on top of those. One of these is engraved and must face outwards. There are also two window frames (**T1-2**).

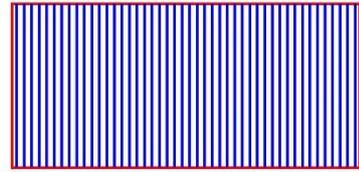
The staircase has two sides (**A 1**) and (**B 1**) a floor (**C 1**), an end piece (**D 1**) and a brace (**E 1**), as well as 12 stairs (**F 1-12**). The two different sides enable the builder to have a flight of stairs from the left or right.



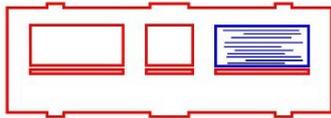
A 1



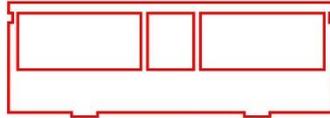
B 1



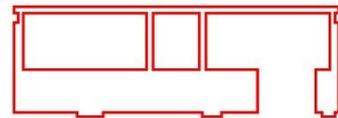
C 1



D 1



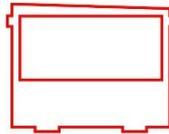
E 1



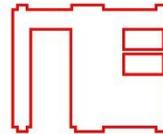
F 1



G 1



H 1-2



J 1-2



K 1-2



L 1-2



M1



N 1



P 1-2

RIVERSIDE INTERNATIONAL MOTOR RACEWAY

R 1

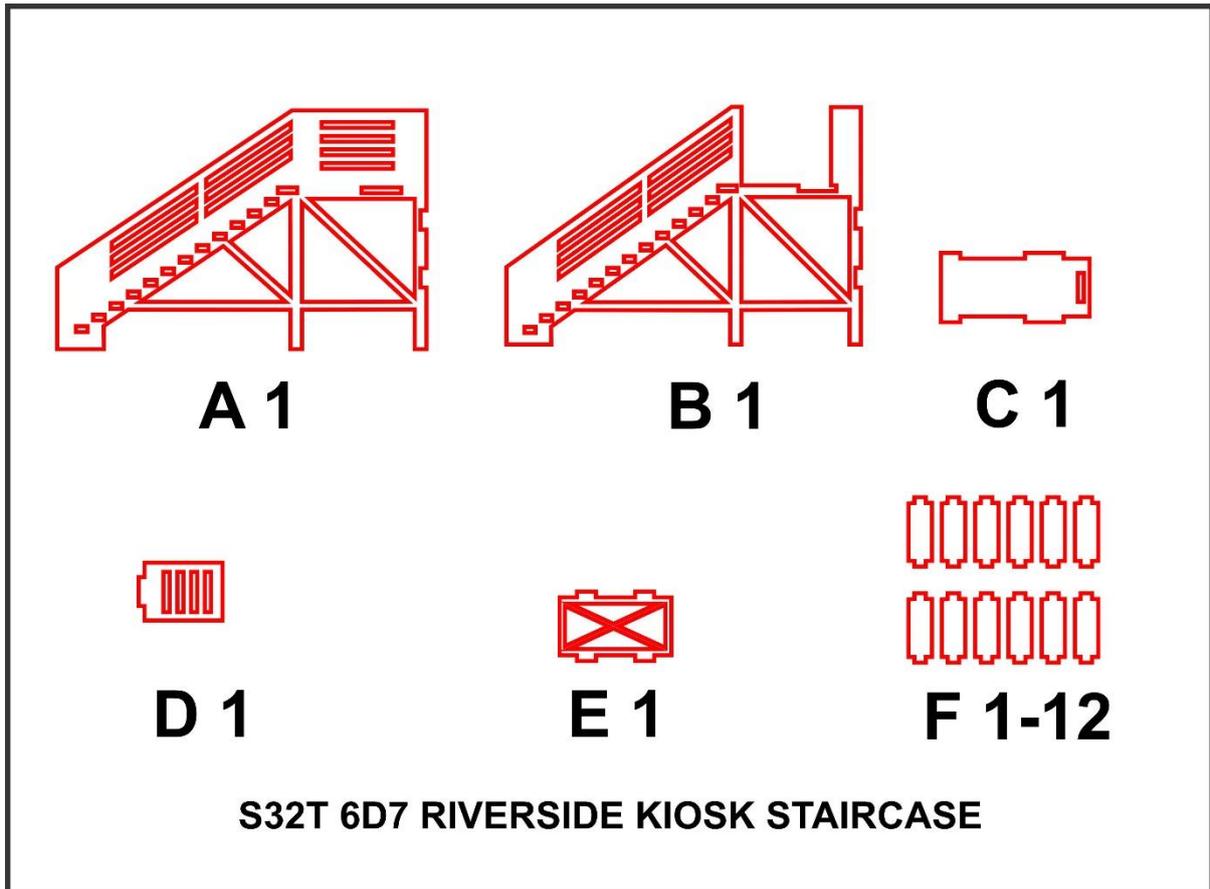


S 1-2



T 1-2

S32T 6D7 RIVERSIDE KIOSK & VIEWING DECK



PREPARING THE CUT PIECES

Firstly, remove all the laser cut parts from the sheets. The sheets can be discarded. Clean the edges of the parts if there are any tiny bits where the parts were fixed to the sheets. This can be done with your knife or even your thumb nail.

We recommend that you start by sanding your finished product with a very light sandpaper to ensure a smooth finish for the end product.

WORD OF ADVICE

We would strongly advise you to do a quick dry assembly before you start gluing the laser cut parts together. Lay out all the parts on your work surface and make sure that the parts are not upside down or mirrored. In most instances it will make no difference, but in others it may be crucial to ensure a perfect product in the end.

PAINTING YOUR PRODUCT

We would strongly advise you to finish the product with paint or wood stain to make them as appealing as possible. The parts should be primed (2 coats) and painted before final assembly. Spray paint can also be used to get a very smooth finish. Oil or water-based paint can be used and specialised paints like chalk paint can be used to give unique finishes.

Generally, it is highly advisable to paint/spray before gluing. You may not be able to get to the inside of the structure after it is glued together. Covering all the parts that must not be painted or sprayed with the same colour can be a tedious process. Pre-painting will avoid this process.

Please ensure that no paint clog a sleeve where a lug must fit in later. The tolerances are often so tight that too thick a layer of paint may cause problems. It is our experiences that a small foam roller instead of a brush, will produce a better finish and far less clogging of sleeves.

Applying a base or undercoat normally makes life easier afterwards. Two coats of primer are advisable because the MDF absorbs a lot of paint. Using a single colour for the undercoat of all parts works quite well from personal experience. You can choose the paint of your preference, whether it is oil or water based. Cleaning brushes and rollers are just so much easier if you use a water base paint. A chalk paste can give a unique finish to walls and give a weathered look if so desired. If you prefer to protect the paint work of your structure you can always apply a clear spray coat.

LET'S GET STARTED WITH THE ASSEMBLY

Place outer wall (**B1**) engraved side up on your work surface. Select the mezzanine floor (**D**), upper front wall (**H**), lower front wall (**G**), and the front beam (**C**). Remember to have the engraving on (D) to face towards the roof side. Start by gluing **D**, **H** **G** and **C** into the wall **B1** in this order. All of these should fit squarely to the floor. Allow the glue to dry.

Now you must glue the lugs on the other ends of parts **D**, **H**, **G** and **C** into the slot of the other side wall (**B2**). Turn the glued parts around so that all the lugs face downwards.

Place the wall (**B2**) on your work surface with the engraved side downwards and then fit the 4 pieces loosely without any glue. It should now be easy to remove one after the other, glue it and replace it and then move on to the next one. Remember to ensure that this part of the structure must be square before the glue sets fully. Gently pres the two side walls together to ensure a snug fit. Allow the glue to dry before you move on to the next step.

Next glue the rear wall (**E**) to the two side walls **B1** and **B2**. You can decide on the way the engraving must face.

Once the glue is set for the above, the whole structure can be glued onto the floor plate (**A**).

The engraved side wall covers **J1** and **J2** can now be glued on with the engraving facing outwards. This is all straight forward. Just pay attention to ensure a neat fit.

Lastly the roof (**F**) is glued to the top of the walls. The roofs have to unsightly slots for lugs so pay attention to fit is neatly before the glue sets.

You can proceed to assemble the staircase. Put one side of the staircase (**A 1**) on your work surface and glue the lugs on one side of the steps (**F 1-12**), as well as the

floor (C 1) into the corresponding slots. You can consider to fit all the lugs loosely into the corresponding slots of the second side (**B 1**) without applying any glue. It should now be easy to remove one after the other, glue it and replace it and then move on to the next one.

It is advised to start from one end and work your way to the other end by matching lugs and slots one by one, almost like closing a zipper tooth by tooth. It would be best to do the floor first. Once all the lugs are snugly into their matching slots, it is time to apply some gentle pressure on the top side to ensure a snug fit.

Now you can glue the lug of the end piece (**D 1**) into the slot of the floor. You can also glue the brace (**E 1**) into position between the two legs of the staircase.

At this stage, before the glue sets, it is important to assure that the whole staircase is aligned and as square as possible.

FINISHING & BRANDING

We leave the finishing to your imagination and your taste. Do whatever you think will transform this into a structure that will compliment your race track diorama. We have included the branding that you have requested so that you can use it to finish your pit building with the livery of your choice. We recommend that you protect the branding with a clear spray.

CONCLUSION

We sincerely hoped you have enjoyed this assembly and finishing. Please remember to give us some feedback and either send or post some pictures of this product on your track.