

ASSEMBLY INSTRUCTIONS

RTS 3P5 MODERN PIT GARAGE

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.

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 pieces 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).

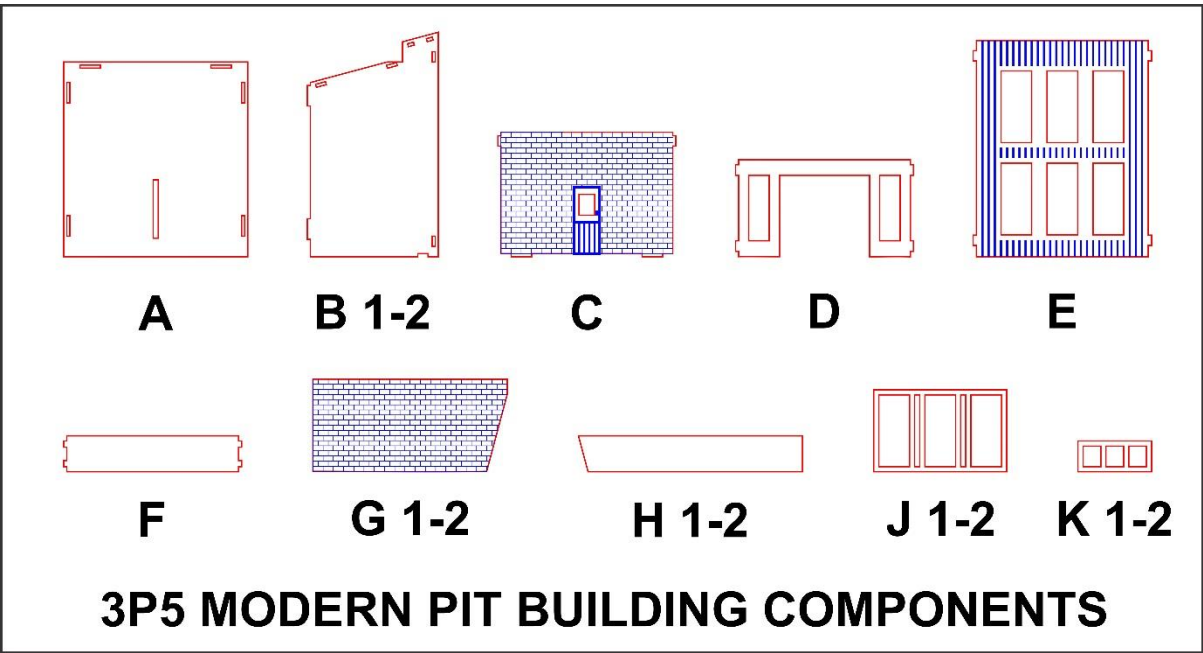
If parts must be at a right angle, you can use any object to assist you in obtaining a square finished product in the end.

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 **K** and try to identify which is which and where they fit in.



The base plate with a slot for the guide pin is item **(A)**. You will notice that the two side walls are double skinned. The ones with the lugs (**B 1 & B 2**) are the inside skin. The outer skins are in two sections, the lower part of the wall (**G 1-2**) and the upper part (**H 1-2**). The lower ones have a brick pattern that must face outwards. The rear wall (**C**) also has a brick pattern on the one side. Depending on the finishing you have in mind and the position on your track you can choose which way you want the brick rendering of the rear wall to face, inwards or outwards.

The front wall is item **(D)** and has a garage door opening with windows on each side. The window frames are items (**K 1-2**). The roof (**E**) with some sky lights, is grooved to give a corrugated finish and the grooving must face upwards. The roof windows also have window frames, items (**J 1-2**). Above the front wall is a beam (**F**) where the artwork will be fixed.

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 the base plate (**A**) on your work surface. Next you must select the following items: the two side walls (**B 1 & B 2**), the rear wall (**C**), the front wall (**D**), the roof (**E**) and the beam (**F**). For these items a slow setting glue is advised. Firstly, you can glue the lugs of the two side walls (**B 1 & B 2**) into the slots of the base plate and then the lugs of the rear wall (**C**) into the corresponding slots. Before the glue sets you must get the front wall (**D**), the roof (**E**) and the beam (**F**) glued into place, because all three of them fit between the two side walls. It is suggested that you first fit and glue the lugs of the three items into the slots of the one side wall and then the lugs of the items in the following order into the slots of the second side wall: start with the roof, then the front wall and lastly the beam. At this stage you can apply some gentle pressure to ensure snug fits on all joints. Ensure that all the parts are square and in line before the glue sets. Allow the glue to set fully before you proceed.

All the fitting of lugs into slots are now done and you can proceed to glue the following items into place (the photo above can guide you in this): the bottom side wall outer skins with the engraving facing outwards, items (**G 1-2**), the upper side wall outer skins, items (**H 1-2**), the roof window frames, items (**J 1-2**) and the window frames of the front wall, items (**K 1-2**). This is all really easy and straight forward, just pay attention to ensure a neat fit before the glue sets. A quick setting glue is advised for these items.

Lastly you can glue the branding to the front beam.

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.