

Making choices

Once you have chosen which of our Toylanders you are going to build, the question you should ask yourself is:

How much of the build do you want to do yourself?

If you have time and experience you can buy the manual and cut and fabricate all the parts yourself, but, if like most of our customers, you want a fun project which will take you between 40 and 80 hours (approx.) to build, the best place to start is with our basic kit.

We offer different options from basic kit, panel sets, ready made bodies right through to complete ready to drive cars depending on how much work you want (or don't want!) to do.

The basic kit

The basic kit contains all the metal work, 1 motor and battery, wheels, lights, windscreen, bonnet and all electrical components needed to build a Toylander (see website for basic kit components for each model). You will need to provide your own wood (12mm thick marine ply or moisture resistant MDF) for the body panels, softwood batten to assemble the panels into the body tub, glues, fixings and paint. The manual contains all the dimensions and instructions that you will use to mark out, cut and assemble the panels to complete the body tub and fit bonnet ribs into the supplied cut and shaped aluminium bonnet skin.



Example basic kit

If you don't want to cut the wood... and would prefer to move straight to building the body, we can supply **pre-cut panel sets** or **ready-made bodies**, saving you time on assembling the body;

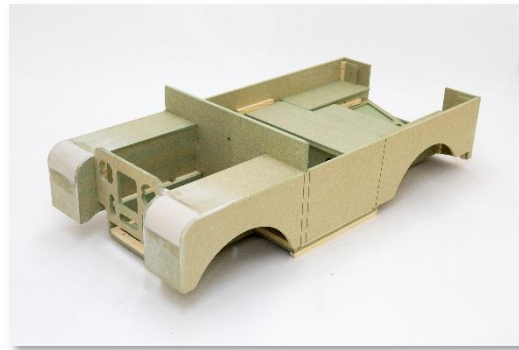
1. **Pre-cut panel sets** – these are available for nearly all models and are CNC cut from moisture resistant 12mm MDF and contain all the panels required to assemble the body tub (including softwood batten, glue and screws to assemble the panels).
2. **Ready-made body tubs** – available for TL1, TL2, Unimog and MB43 army jeep. These are unpainted ready assembled bodies all glued and screwed. Simply choose right or left-hand

drive and the body will arrive ready to rub down and paint. These complete bodies are ready to mount all the parts of our kits and accessories and simply require you to drill a small number of mounting holes.

3. **Painted ready-made body tubs** – we occasionally have painted bodies in stock and can also supply bodies painted with your choice of colour. The bodies are spray painted to a high gloss professional finish. Please contact us if you would like more details on this option.



Example panel set



Example ready-made body

One or two motors..?

The most popular of our additional options is the **2nd motor kit** which comprises a second motor, drive wheel and all the parts needed to provide power to both rear wheels (basic kits contain 1 motor, 1 battery and drive wheel).

If you are going to use your Toylander on flat terrain with 1-2 children driving for three to four hours then single motor drive is fine. If your garden is sloped, bumpy or your children are older, or 2-3 children will be riding in the car then you may want to consider a second motor kit.

The benefit of a 2nd motor is a much longer running time and improved performance on long grass and/or sloping ground. The level of torque also allows an adult to ride without seriously reducing the battery life. A second motor can be fitted later but it is far easier to fit the 2nd motor during the main build and you won't encounter problems from putting used and new batteries and motors together.

Further options;

The remainder of our accessory list comprises the choice items to improve on the standard model or detail the finished vehicle, options include;

- Spare wheel and hold down kit for fitting to the bonnet;
- Upgrade to chunkier Town & Country tyres to create the look, especially good looking on the Toylander 1 for a chunkier off-road look.
- Rubber matting for footwells
- Extra 12v GEL batteries (1 supplied in the basic kit).
- Battery charger 12/24v suitable for GEL batteries.
- Battery condition meter acting as fuel gauge;

- A hard wired remote hand held device that give control of speed to the adult. We also have an extension lead to give a slightly larger gap between adult and car, but most of our customers use the control while sat alongside the driver.
- Number plates (CNC cut with your choice of lettering)
- Wing mirrors.

Trailers

If you really want to put the children to work, then we stock two styles of trailers, standard and Town & Country (army type) again both available as basic kits where you cut the panels yourself, or as CNC cut panel sets to speed up your build.



We hope this document offers some help in planning your build and deciding how much work you wish to do yourself.

We are of course here to offer help and advice before, during and after your build.

Toylander