

Thank you for purchasing your new Tamiya or Ansmann Radio Control Kit from Time Tunnel, we hope you have many hours of enjoyment from it.

IMPORTANT: If you have difficulty installing or setting up the Tamiya TEU101BK or TEU104BK Electronic speed controller, please see our help sheet available from www.goldstarstockists.com/downloads. If you have the Mtroniks speed controller, see the paperwork with it.

<u>Advice</u>	<u>Common Q&A - ELECTRIC</u>	<u>Upgrades & Spare Parts</u>
<p>THE NUMBER ONE PROBLEM WITH RC CARS: If you experience a dead channel or apparently dead receiver: Sockets on the receiver are supposed to only accept the servo or electronic speed control plugs ONE WAY ROUND. However, tolerance on the moulding means that it is possible sometimes to plug servos etc in with the connections reversed. If you experience a dead channel, please unplug the appropriate lead and plug it back in rotated the opposite way before condemning the receiver or servo! Both servos should have their leads plugged in the same way around – with the black wire to the right hand side of the unit.</p> <p>ELECTRIC KITS: This kit may be supplied with a TEU101 (or 03 or 04) Electronic Speed Controller. Or a Mtroniks Unit. Please read the instructions supplied separately with this component in conjunction with the main instruction sheet when assembling your model.</p>  <p>IF USING THE TEU101BK or TEU104BK ESC WITH AN ACOMS RADIO SYSTEM: To plug the ESC into the ACOMS receiver, trim off the small tag on the side of the ESC plug which is only used on some other brands of receiver. Plug the BLACK plug into “CH2” and the RED plug into the right most two pins of the “BATT” socket. See our help sheet above if you experience any problems.</p> <p>IF USING THE ETRONIX RADIO SYSTEMS: These radio systems must be “Paired” with the receiver before it is connected to the speed controller or steering servo using the Pairing Lead included in the box – please read the instructions enclosed with the radio which will explain all. The Etronix, like all 2.4ghz radios, does not use crystals but instead senses a free wave band each time it is switched on to minimise interference.</p> <p>No Reverse on Tamiya TEU? Switch off the ESC, hold down the recessed button and switch it back on – it’ll beep to signify that reverse is reactivated.</p> <p>In the unlikely event that you experience problems with your new kit, please email us for advice before dismantling or bringing the kit back to us. Many problems can be resolved quickly over the telephone, avoiding the need to travel. In addition, by telephoning first, we can ensure that an appropriate member of staff will be available should a visit to the shop be required.</p>	<p>Speed Controller Keeps Flashing at me? If you’re using the black TEU101BK/TEU104BK ESC included in the kit, MAKE SURE YOU HAVE PLUGGED THE RED LEAD IN – this goes into the BATT socket. A photo of how this should look in on the internet link above – it is VITAL that it is plugged in correctly... it is VERY RARE to experience a dead-from-box TEU101BK / TEU104BK – every single time it’s plugged in wrongly, so please check the link!</p> <p>The car only seems to run for around 12 to 15 minutes per charge – is this right? Yes. The standard running time is around 12 to 15 minutes per charge. On 4WD cars, or those with twin motors, the running time may be less. You can improve running time by purchasing a high capacity battery, and reduce the delay whilst your battery is charging by purchasing a quick-timed charger.</p> <p>My Battery gets hot – is there something wrong? No, the battery will get warm or even hot if whilst running or charging. You should always let it go cold before re-charging, or if just charged let it cool before running the car</p> <p>Common Q&A Instructions tell to glue on the tyres – is this necessary? We suggest you try the car without the glue and only glue those tyres that come off in use.</p> <p>Car won’t go straight even with trim on controller pushed right across – why? Servo central position need resetting – switch on car, set trim to centre, remove screw from front of servo, pull off servo saver, push back on straight, put screw back in. (Easier to do than explain). This occurs because the servos are not always 100% centred in the factory.</p> <p>Should I use more grease? There is technically enough grease in a Tamiya kit to complete it as you just need to smear it, but using plenty of grease does no harm.</p> <p>I want to charge the battery faster? Based on a typical 1800 or 2000 capacity battery, the following chargers can be ordered on our site:</p> <p>Search: ACX2 - Charges 2 hours. Search: AC/DC 3 Amp – Charges in 40 minutes.</p> <p>Time will vary with other battery capacities.</p> <p>Before every run: Check wheel nuts are tight.</p>	<p>Time Tunnel Models operate the www.TamiyaParts.co.uk (Also accessible via www.GoldStarStockists.net) website where every currently available Tamiya and Ansmann spare part and hop up upgrade is listed by part number. There are many thousands of available parts – all of which are express shipped to us direct from the importers within a few days of your order being placed if they are not already in stock here. In order to work out which parts you need, you will find that the back page of your car’s build manual lists all the parts and standard upgrades by code number (look for the numeric 5, 7 or 8 digit codes, rather than the DA2, BC4 references). These numbers can be easily looked up on the website and ordered as required. Please note that some new cars may have parts codes that have yet to be made available as spares. In this event, or if you are unable to access the Internet, please contact us.</p> <p>Faster! We stock instore (and list online) a selection of hotter motors to improve the performance of your electric car. Prices range from under £10 upwards. However, it is wise to fit ballraces in place of the plastic bushings in the standard kits to improve the life of your new motor. The TEU101BK and TEU104BK ESC is designed to take the 53068 Sport Tuned and 53779 GT Tune Motors as an upgrade. The Mtroniks Sport 20 can take any brand of motor rated as 21x2 or higher (e.g. 23x1, 23x2, 25x2 etc, plus almost all the Tamiya motors).</p> <p>Replacement Bodies: Tamiya’s replacement bodies are available either as shell moulding only or full sets complete with stickers and spoilers. If fitting a replacement body you will usually need a new set of body mounts – the appropriate code will be detailed at the back of your manual.</p> <p>HINTS ON PAINTING & CUTTING BODIES: Cut the body out before painting. Clear bodies must be painted from the inside using Tamiya Polycarbonate paint (anything else will chip off). To cut out, use scissors and cut all long straight edges, then use curved scissors (special modelling ones are available, or you can use sharp curved nail scissors) to cut out the wheel arches. Leaving the mould line visible on the wheel arches (cut on the waste) will increase strength in the event of impacts.</p> <p>HELP! If none of the above helps, email us on office@goldstarstockists.com for further advice.</p>

To contact **timetunnelmodels**, telephone 01620 850728

Normal hours 10:00 to 16:00, Monday to Friday.

Please see our website if you need to order spare parts for your model: www.GoldStarStockists.net

Please note that the warranty on Tamiya kits and ready to run cars covers only the radio equipment, battery, charger, ESC and motor. Other parts that wear or break in accidents are not covered by the makers guarantee.