



ECC MINI WORLD CUP



The South Coast's Premier Model Car Racing Circuit



Eastbourne Electric car club Tamiya M-Chassis Rules.

Permitted Chassis

M-03, M-03M and M-03L only (This includes XB Pro models)

(Please note the M-03R spec chassis kit is legal for this class, and is a cost effective way to get a fully hopped up car.) All cars must be built to the standard specifications and without modifications, other than hop-up parts listed below.

No other standard parts other than these may be used, unless notification of change is made during the season. Non Tamiya pinions of the same pitch, sizes 16t to 20t can be used. Any Tamiya shims, spacers and O rings can be used. This is mainly for the removal of play in moving parts. Parts that vary only by colour are also permitted...The use of solid differentials is not permitted. These must be built as per kit instructions. However any grease or oil maybe used. Blue-tac or other similar substances are also not permitted.

Hop-ups (53xxx)



50746 – CVA Super Mini Dampers



53619 – CVA Mini Dampers



53056 – Pin Type Wheel Adaptor



53569 – Clamp Type Aluminium Wheel Hub (6mm Thick)



53344 – M03 Aluminium Heat sink



53345 – M03 Toe-in Uprights



53523 – M03/04 Aluminium Front Uprights



53597 – M03 Assembly Universal Shaft Set



Limited Edition parts (49xxx)



49417 M-03R Chassis

Aluminium hardware parts including screws, ball joints and turnbuckles maybe used. No other Hop up parts may be used, unless notification of change is made during the season. Non Tamiya or other Tamiya hop-up bearings of the same size (e.g. 53008, 53029 & 53066) can be used in place of metal or plastic bushes. Bearing shields may **not** be removed. Any Tamiya Spring may be used as long as it is without modification.



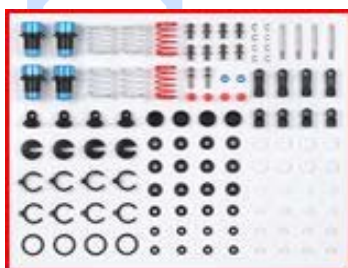
49444 M-03R Aluminium Motor Heat sink



49442 M-03R Aluminium Rear Uprights (Toe-in)



49441 M-03R Aluminium Front Uprights



54000 M Chassis Alum Damper Set - 4pcs



49443 M-03R Aluminium Servo Mount

Speed Controllers



45029 ESC TEU-101BK

Configuration of wires must be as supplied, however wires can be cut to length. Battery connector may be changed for different connectors (i.e. Deans Ultra, Power poles etc.). Bullet motor connectors may be removed to allow direct soldering to motors. Original switch must remain as standard, but can be mounted in an alternate position if required. The fitting of a power cap is not allowed. 3 step mechanical Speedos are no longer allowed

Body shells

Any bodyshell maybe used at Eastbourne Electric car club
No additional wings are allowed. Kit supplied wings are permitted

Wheels

Any M-03 type wheel can be used. This included hop up (53xxx,54xxx) and carbon reinforced wheels

Tyres

- 50683 - M-Chassis 60D radial tyre
- 50684 - M Chassis M Grip Radial Tyre
- 53254 - M Chassis S Grip Radial Tyre

Inserts

- 50686 – 60D Inner Sponge Set
- 53204 – M-Chassis Inner Sponge
- 53255 – 60Dinner Sponge (Hard) Set



Tyres must not be modified in anyway. This includes belting and rounding of the edges of the tread. Additive may be used. Maximum tyre diameter is 62mm.



Only 1 insert per tyre. Inserts cannot be modified in anyway. Only 60D inserts are permitted.

Motors

Motors that are allowed at EECC are :



53689 Tamiya 540-J Motor



53086 Tamiya RS540 Sport Tuned

The motors must remain un-tampered, however cleaning of the motor is allowed. This includes the use of cleaning fluids, cotton buds and fibre/comm. sticks. Running in/comm. drops and lubricants are also permitted. Anything other than this is not allowed and may result in disqualification from the event. Water dipping of motors is also not permitted. Maximum of 1 motor cooling fans may be used (maximum size 30mmx30mm)

Extra capacitors, power caps and schottky diodes may not be fitted.

The use of any form of commutator lathe is strictly forbidden, as these are sealed motors and must not be opened. Suspect motors will have the competitor number removed and the offending driver may not be allowed to take any further part in the meeting, scoring no points.

Batteries

Any battery is allowed including lipos