
This class aims to have fun, close racing while keeping costs down. Minimal hop-ups are encouraged. Ideally, we wanted to run by Euro Cup rules, but as this is just a fun championship, we don't want to put racers off by having too stringent rules. This may change as the class evolves at MRCR.

Only the TT-01/E chassis is eligible. *No aftermarket chassis permitted.*

Motors

- Tamiya Torque Tuned motor (Kit Motor).
- Any commercially available sealed can motor with no less than 21 turns. Must be Mabuchi style, sealed motors with enclosed end bells that do not permit changes to brushes, springs or timing.

The motors must remain un-tampered. Cleaning of the motor with cleaning fluids, cotton buds and fibre comm sticks is allowed. Running in/comm drops and lubricants are permitted.

Gearing

- For **21t motors**: Max 19T Pinion & Kit 61T Spur Gear - 8.35 FDR
- For **Torque Tuned motors**: Max 22T Pinion & 58T Spur Gear - 6.85 FDR

Batteries

Any commercially available hard-cased 2S Lipo charged to a maximum of 8.40v

Body

Any commercially available Lexan Tamiya Truck kit bodyshell or 1/14 scale body with a likeness of a real racing truck that fits the TT-01 chassis without modification.

Bodies should be cut along the manufacturer's trim lines and not lightened by removing interior material.

Radios and Speed Controllers

- Any commercially available RC equipment is acceptable
- Any commercially available ESC specifically designed for brushed motors with a max continuous current of 80A or less, with a max retail price of £50
- Any servo may be used

Wheels & Tyres

- Only Tamiya On Road Racing Truck tyres (#58632) may be used.
- Any M-Chassis sized wheel can be used, but only with the above tyre.
- The wheels and tyres must not protrude outside the bodyshell.
- **Additives are not permitted.**

Hop Ups / Modifications

The chassis should be built as per the Tamiya Racing Truck kit instructions to a 257mm wheelbase. You may use shims & aftermarket screws, ball joints and other such hardware. Milling or otherwise lightening the chassis or body is not permitted.

Modification to the battery compartment for the fitment of square-cased Lipos must be sympathetic.

The following Tamiya & Non-Tamiya optional parts are recommended:

- Oil Shocks (aka Dampers) Tamiya #50746 or similar
- Adjustable Steering turnbuckles
- Motor heatsink / fan
- High torque servo saver (any brand)
- Servo arm (the linkage between the servo saver and steering rack).
- Ball bearings

You may only use hop-ups and upgrades intended for the TT-01/E chassis.

Differentials:

- A differential must be fitted and used on the drive wheels from the motor.
- The differentials must not be locked and must still function as a differential when tested.
- You can tune your diffs using grease or putty.

Ground Clearance & Weight Limit

All cars must maintain a ground clearance of 5mm; no screw or fitting should protrude below the bottom of the chassis.

Cars must weigh a minimum of 1350 grams, ready to race, including battery, personal transponder and bodyshell.