

Tuned Class

- Tamiya or 3rd Party parts are allowed.
- Bearings are permitted, including roller bearings, wheel bearings, gear or motor bearings.
- Only standard gearbox ratios allowed
- Cars must be built from Tamiya car kits or from Tamiya chassis packs.

- No chassis modifications, this includes heating, bending, cutting, addition of suspension or any other modifications that change the chassis from the manufactured original. *Use of glue for reason of repair is acceptable, not for reason of modification or strengthening.*
- Chassis must be used in the direction of travel they were originally designed for.
- Bodies must be securely attached to at least 2 points and unable to swing or hinge freely during racing.
- Minor body modifications for fitment is acceptable, eg, to fit a body to a chassis it isn't designed for. *Only modifications to allow fitment between body and chassis are allowed, no lightening or modification of factory design*

- Polycarbonate bodies must be cut to original cut lines.
- Bodies must be painted OR stickered OR both.
- Only tuned motors are allowed, Rev/Atomic/Torque tuned only.
- No modifications to the motors are allowed.
- FRP, Carbon are allowed, but no cutting or modifications to the original installation spec (countersinking is OK).

- Tyres may be mis-matched in compound or style.
- No cut/trimmed tyres, No Truing, shaving, sanding or modifications are allowed. (Cleaning is OK).

- Dampers may only be used in a fixed or bolt sliding system
- No body dampers, hanging dampers, "car catcher" type flexible dampers or any other dampening system that swings, *Tamiya part number 15478 is exempt but must be used as per standard design using only the parts supplied in the kit.*
- NO setups where weights will hit car body.
- NO mass dampers as rollers.
- Only standard gearbox ratios allowed.
- No "floating" gears.
- No cutting, sanding, or modification of gears.
- Fluorine shafts OK.
- Rollers as stabilizers OK, NO wheels as stabilizers, NO weights are stabilizers.
- Rubber Tubing or Plastic Balls MUST be used to cover any protruding screw threads.
- Rubber Tubing may not be used for anything other than covering excess threads.
- Car Catcher material not allowed.
- Polycarbonate material only to be used as body and body parts, not for other uses.

- Batteries Must be AA size - NiMH (1.2v) or Alkaline (1.5v) with a maximum capacity of 2600mAh. (eg Panasonic Eneloop, Eneloop Pro, Tamiya NeoChamp are suitable)
- Measuring - All Mini 4WD cars must be within the measurement ranges as set by Tamiya (all box cars should already meet these criteria):
 - Max length: 165mm
 - Max width: 105mm
 - Max height: 70mm
 - Minimum ground clearance: Over 1mm from flat surface
 - Tire diameter: 22 to 35mm for both front and rear tires attached to the wheels.
 - Tire width: 8 to 26mm for both front and rear tires attached to the wheels.
 - Minimum weight: Over 90g, with battery attached.

No modifications that may damage or contaminate the track (eg with oil or grease).

Current (Dec 2018 - <https://www.tamiya.com/english/mini4wd/regulation.htm>) Tamiya Mini4WD racing

regulations apply unless otherwise stated here

The decision of, and interpretations of these rules by, NHM4WD race officials (including race controllers, scrutineers and other officials) is final.