



B-MAX GP

Competition Rules 2022

Introduction

In order to keep Tamiya's Mini 4WD race competitions fun, exciting, and fair, we have developed a set of competition regulations. All participants of official Mini 4WD race events are required to abide by these regulations.

Mini 4WD races are not just about being the fastest, it's also about using your head and having good set-up techniques. Not only do you challenge other racers, but you challenge yourself too. By remembering the spirit of fair play, you can learn how to race honorably and with good manners. Therefore, we hope that every Mini 4WD fan will abide by these regulations.



Rules and Regulations: B-MAX Category

A. BODY

1. Only plastic bodies can be used.
2. Please fix both front and rear with genuine mounting method.
3. Dividing the body is prohibited.
4. It is allowed to trim the part that hits the additional plate when mounting it on another chassis. However, it is not allowed to cut the shape that changes significantly.
5. Canopy parts for mounting animals can be cut out and removed. It is allowed to customize the appearance of the animal. Secure it with double-sided tape or adhesive.
6. It enables lightening and thickening for mesh pasting.
7. Partial dropouts of the body, wings, etc. due to animal dropout while driving or damage to the lightening part will be disqualified.
8. The body parts that cover the wings and wheels can be removed. (Wings of other models can also be attached.) It is not possible to use only a part of the body consisting of multiple parts (Mach frame only for the skeleton, etc.).
9. When installing large diameter wheels and tires, it is possible to trim the interference part of the body to the minimum extent.
10. If the mass damper interferes, it is possible to trim the interference part of the body to the minimum extent.
11. If the body catch interferes with the chassis or other parts, or if it is difficult to install or remove, it is possible to cut the interference part of the body catch to the minimum extent.
12. It is possible to use GUP's rubber body catch.
13. Free combination of body and chassis.

B. CHASSIS

1. Please comply with the Tamiya Mini 4WD competition rules for the chassis used.
2. It is not necessary to install the split front bumper such as VZ chassis and the rear roller stay.
3. Modification other than the process shown below is not allowed.
 - Penetration of screw holes (up to 2.0 mm diameter)
 - Use of Tamiya multi-tape, brake sponge, washer, and instant adhesive for drive adjustment.

C. MASS DAMPER

1. As a general rule, the vibration damping mechanism is only allowed with a stationary mass damper.
2. It is also allowed to add a side mass damper.
3. Plates for side mass dampers are not limited. However, please use a commercially available plate without processing. (Only counterbore processing for countersunk screws is allowed).
4. The shape of the mass damper itself cannot be processed.
5. Lanterns are not allowed. (Regardless of material)
6. It is allowed to use springs for unmodified slide dampers above and below the mass damper.
7. Tohoku dampers, catcher dampers, guillotines, and Doraemon lanterns are not allowed. (However, GUP's genuine ball link mass damper can be used.)

D. TIRES AND WHEELS

1. There are no restrictions on the size and type of tires / wheels used. (However, use tires that match the wheel size. Combinations of different sizes, such as mounting low-height tires on large-diameter wheels, are prohibited.)
2. Modification for resizing is not allowed. (Including shrink tires)
3. It is allowed to penetrate the wheel hole and fix the double-sided tape on the tire.
4. It is allowed to wear the wheels in reverse.
5. Wheel rim modification and width adjustment modification are not allowed.
6. Cutting is allowed to change the length of the drive shaft.
7. Sealing materials such as 620 ball bearings for AO parts can be removed.

E. BUMPERS, GIMMICKS, BRAKES

1. Commercially available slide dampers, etc. can be installed only if they can be installed without processing.
2. When adding each plate, cutting other than countersunk counterbore modification is not allowed. (It is allowed to increase the strength by infiltrating the instant adhesive.)
3. Please fix the plate etc. without wobbling.
4. Commercially available brake sponge can be used.
5. GUP's Mini 4WD catcher can be cut and used as a brake and catching prevention.
6. Heat treatment for compression of brake sponge and streaking are allowed.

F. ROLLERS

1. Material, size or quantity must follow the official Tamiya Mini 4WD Rules.
2. It is not allowed to change the material of the part that comes into contact with the course wall surface.
3. Roller modification is prohibited.

G. MOTOR, BATTERY, ETC.

1. It is allowed to adjust the length of the screw and cut the shaft that pops out when the wheel penetrates. (If the protruding part remains, protect the tip with a rubber tube or nut, and be careful not to get injured.)
2. Installation of the battery holder is mandatory. (Other chassis parts cannot be diverted.)
3. It is not allowed to use parts that are disassembled such as motors.
4. Install the battery in the correct orientation. (Reversal cannot be used.)
5. It is allowed to insert Tamiya multi-tape and brake sponge between the chassis and motor holder for the purpose of fixing the motor and adjusting the contact pressure. However, it is not allowed to use items not listed above.

H. GENERAL RULES

1. Polycarbonate body offcuts, runners, carbon offcuts, and FRP offcuts cannot be used.
2. Bending screws is not allowed.
3. Official Tamiya Mini 4WD Race rules must be followed accordingly.

B-MAX Competition

Frequently Asked Questions:

Q: Is it allowed to install tires / wheels in the opposite direction?

A: Yes. If the tire and wheel size are the same, it can be mounted in the opposite direction, such as with the wheel rim on the outside.

Q: Is it allowed to paint the chassis?

A: No. Painting the chassis would stain the race track.

Q: Can I cut it to adjust the tread of the wheel?

A: No. B-MAX regulations allow wheel machining only to drill holes for shaft penetration. Wheel modification other than the above is not allowed.

Q: Is it allowed to install large diameter barrel tires on large diameter low height wheels?

A: No. Install tires of a size that matches the wheel diameter size.

Q: Is it necessary to install a split bumper like the VZ chassis?

A: No. It is not necessary to install a split bumper or rear stay in the standard state.

Q: Is it allowed to use alternative mesh from other brand?

A: No. Racers must use only the official Tamiya product.

Q: Is it allowed to bend the screw?

A: No. Please use straight screws. If the screw bends unintentionally while driving, straighten the screw.

Q: Is it allowed to glue FRP or carbon plates?

A: No. The original look of the plates must not be tampered.

Q: Trackin Mini 4WD cannot be fastened with front and rear body catches.

A: There is no problem as long as it is fastened with a genuine Tamiya body catch.

Q: Is it allowed to remove the front cowl?

A: Yes. As long as it covers the wheel and cutting the cowl is not allowed.

Q: Is it allowed to remove the wing?

A: Yes. The wings can be removed and the wings of different models can be installed.

Q: Is it good to put the body low?

A: No. Body catch modification is not permitted except for trimming.

Q: Is it allowed to reduce the claws of the body catch and the backlash of the receiver?

A: No. B-MAX GP is based on the concept of unmodified regulation as much as possible. Therefore, please do not modify it.

Q: Is it allowed to make a hole in the MA chassis to remove the battery?

A: No. Chassis modification is not allowed. Please refer to the rules on Page 3.

Q: Is it allowed to cut where the body plate or mass damper hits?

A: Yes. However, modification that significantly changes the shape is not allowed. Please be careful when modifying the body.

Q: Is it allowed to modify the body to reproduce the manga?

A: Yes. There is no problem if it is a kit (body) that Tamiya gives modification advice in the instruction manual etc. Please note that other than that, it may be judged that the modified changes the shape significantly.

Q: Is it allowed to modify the gear?

A: No. It must comply to official Tamiya Mini 4WD regulations.

Q: Is it allowed to put a figure other than Tamiya made?

A: No. It must comply official Tamiya Mini 4WD regulations.

Q: Can I paint the plates?

A: No. FRP or Carbon Plates must retain it's original look and form.

Q: Is it allowed to combine tires and wheels with different widths?

A: Yes. However, it is not allowed to adjust the width of tires and wheels.

Q: Is it allowed to embed 520 bearings in the standard plastic rollers of the kit?

A: Yes. However, it may be subject to regulation in the future due to future regulation revisions.