2026 RUMBLE in FORT WAYNE NON-WINGED 600cc MIDGET SPECIFICATIONS

The following specifications have been prepared by Rumble Racing, LLC as a guideline for the construction of a Non-Winged 600cc Midget for the Rumble in Fort Wayne. No express or implied warranty of safety shall result from publication of, or compliance with, these rules. They are intended as a guide, and are in no way a guarantee against injury, or death, to participants, spectators, and/or others.

All cars will be inspected before qualifying. If you do not go through tech before qualifying, you will start TAIL in every event you are scheduled to compete in. Cars not meeting one or more of the specifications will not be permitted to compete until required changes for compliance are met.

1. **AGE:**
    a. The minimum age for competition in this division is 12-years-old as of December 18, 2025. Certified copy of birth certificate and/or valid driver license may be requested from Rumble officials for proof of age of any driver
2. **CLASS LIMIT:**
    a. A car may only be entered into one class for competition at the Rumble in Fort Wayne. Teams wishing to enter more than one class of 600cc Midget racing must have a separate car for each entry.
3. **ROLL CAGE:**
    a. Roll cages shall be constructed of chrome moly (or equivalent) material and must be of at least 1" x 0.062", 1-1/8" x 0.065 or 1.25" x 0.065 in wall thickness.
    b. The front section of the cage shall be no further back than the steering wheel.
    c. Roll cages shall have sufficient fore and aft bracing and strength to support the weight of the car and driver in case of an upset.
    d. Roll cages shall have gussets at the intersecting bars to the uprights.
    e. Bends must have at least 3" radius. No square or pointed corners allowed.
    f. Roll cage must be a minimum of 3" above the driver's helmet when driver is sitting in racing position.
    g. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
    h. Upright seat with straight back is mandatory. No lay down seats are permitted. Seatbacks shall have no more than 18 degrees recline from vertical.
4. **BUMPERS AND NERF BARS:**
    a. Cars must have a bumper extending beyond the FRONT and REAR tires. Nothing may extend beyond a tangent line from the outside edge of the tires to the bumpers. Nothing may extend beyond the outside edge of the tires or wheels, whichever is the widest.
    b. Bumpers may not have sharp corners or designs as to hook or damage another car. Bumpers (front and rear) cannot stick out past the main frame rails – if they do, the car cannot compete.
    c. All cars must be equipped with nerf bars. Nerf bars must extend to inside edge of tires, but not beyond the outside of the tires.
    d. A straight edge will be placed along the outside of the tires, if it hits the nerf bar, it's not legal.
    e. Solid, or otherwise modified, bumpers or nerf bars, with the purpose of weight distribution are not allowed. Maximum nerf bar measurements shall be OD 1.125" and 0.125" wall thickness.
    f. Bumpers and nerf bars shall be able to be taken off easily for inspection at any time.
    g. Do not put anything on the nerf bars – it will be removed before you may compete. The only exception shall be item 4h as explained below.
    h. Light aluminum vertical placards are allowed on the nerf bar for ADVERTISING purposes. ADVERTISING panels must be made of aluminum, safely secured and no more than 0.060" thick.
5. **ELECTRIC AND ELECTRONICS:**
    a. On and off switches must be on dash, top of the cowl or on steering wheel and must be connected and functional.
    b. All switches are to be clearly marked on/off for easy identification by safety personnel.
    c. No radio communication is allowed between the driver to or between any other outside source; other than mandatory one-way RaceCeiver unit and communication from Rumble officials.
6. **BATTERY:**
    a. All wet cell batteries mounted in the cockpit must be covered and vented outside of the cockpit area.
7. **FUEL:**
    a. All cars must run event approved methanol or gasoline. Additives or enhancements are not permitted and use of them is subject to disqualification.
    b. Tail mounted fuel tanks only – no side mounted tanks.
    c. Fuel tank must be able to hold a minimum of 3 gallons of fuel and be behind the rear axle.
    d. All fuel must be stored outside of the building, and all refueling must be done outside of the building.
    e. All fuel tanks must be equipped with a one-way check valve designed to prevent spillage of fuel in the event of upsetting.
8. **WEIGHT:**
    a. The minimum weight of the entered car shall be 750 pounds as measured on the Rumble in Fort Wayne scales at any time.
    b. Added weight must be securely bolted on and inside of the main frame rails of the chassis, NOT ON NERF BARS.
    c. Added weight may be securely bolted underneath the motor between frame rails but not attached to the nerf bars.
    d. ***All added weight must be painted white and MUST have the car number marked on the weight(s).***

9. **ENGINE RULES:**
    a. Any 4-cylinder, 4-cycle engine not exceeding 640cc is permitted.
    b. All engines must have cockpit operated electric start, lever-type manual clutch in car and on-board battery capable of starting an engine.
    c. No traction control devices of any type are permitted.
    d. The car must remain chain driven off the engine countershaft.
    e. *Operable mufflers are required*.
10. **SUSPENSION AND MEASUREMENTS:**
    a. The maximum tread width shall be 65" as measured outside to outside, front and rear.
    b. The minimum tread width shall be 32" as measured center to center of tires.
    c. The wheelbase, as measured center of front axle to center of rear axle is 70" maximum and 55" minimum.
    d. Power steering is permitted.
    e. Must be rear wheel drive only.
    f. All suspension bolts except wheel nuts must be secured by some type of locking device.
    g. Front axles must be a one-piece solid axle, with no independent suspension of any kind. Non-adjustable front axles are to be solid king pin to king pin. 3-piece axles are not permitted; no part of the axle should be able to rotate. Front axles must be constructed of SAE 4130 steel or a steel alloy equivalent in structural strength. Titanium front or rear axles are not permitted.
    h. No sway bars, front or rear, are permitted.
    i. No cockpit adjusters of any kind – brake, wing, shock, panhard bar, etc.
11. **SHOCKS:**
    a. Any shock absorber is legal; however, cockpit adjusters are not permitted.
12. **BRAKES**
    a. Only a left front brake and rear brakes are allowed with a maximum of 2 rotors and 2 calipers on the car.
13. **TIRES AND WHEELS:**
    a. Dirt tires only – 10".
    b. Front rim and tire width shall be minimum 6" and maximum 8". Rear tires must be 10" dirt tires (racing rubber only) and in any combination of rim widths.
    c. Air bleeders are allowed.
    d. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs.
    e. Tire soaking is prohibited, and steps may be taken to check for soaking. Any violating tires may be disqualified, and the team will be subject to disqualification. No wet grinding tires, no washing tires.
    f. RR spec tire will be the Hoosier 69/10-10w or American Racer 70.0x13.0/10GT.
14. **TRANSMISSION:**
    a. Any type of transmission is legal on the 600cc engine.
    b. Any car equipped with a shifting mechanism must have this device mounted in the driver's compartment. Shift levers may be mounted outside the driver compartment on the opposite side of car from the chain drive.
    c. Chain guards are to be 0.090" thick aluminum, or equivalent, and must run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.
15. **BODIES:**
    a. All cars must have a modern dirt sprint car look with complete bodies.
    b. Tail sections must be in place for time trials and all races. Square tail sections are not permitted.
    c. There must be a metal firewall (24-guage steel or 0.0625" aluminum between driver and engine.
    d. Body of car must be made of aluminum, metal, carbon fiber, fiberglass or high impact plastic and must be of an attractive color or colors.
    e. The dash/hood must be a minimum of 28" above the bottom of the bottom frame rail, all the way across the cockpit, Lexan or other transparent panels will not be included in the measurement.
    f. The right side of the cockpit must be enclosed.
    g. Rear view mirrors are not permitted.
    h. The only part of the car allowed to be dismantled for driver entry or exit is a quick release steering wheel hub.
    i. Mudguards must be made of aluminum or fiberglass and can be no less than 16"
    j. All mechanically operated devices must be mounted below the driver's shoulders, for safety reasons.
    k. Must have minimum of 2.5" clearance from ground to frame, including engine compartment and other bolt-on accessories, including bolts and bolt heads. Suspension components are excluded.
    l. Car should be able to roll over the 2.5" height gauge at any time with the driver in the car.
16. **SAFETY NOTES:**
    a. An operable fire extinguisher is mandated for every race team's pit area.
    b. Diapers, capable of holding spilled liquid contents, must be safely secured under the engine and fuel tank.
    c. A catch can must be run and connected to the radiator system to catch any water overflow.
17. **NUMBERS:**
    a. All cars must have legible numbers in colors contrasting to the background color, on both sides of the car and on the nose.
    b. Numbers on the nose are to be 8" minimum; numbers on the tail are to be 10" minimum and must be separated from any advertising so that they stand out and are readable to the scorers, officials, and the race fans.

The Rumble in Fort Wayne reserves the right to change, delete or add to the specifications – with proper notice to all competitors – throughout the event as necessary to assure competitive and safe racing. The officials reserve the right to interpretation of all specifications and reserves the right to inspect and/or reject any car and/or driver, drew member, etc. during the racing program.

The event racing format may be altered due to car count, or other extenuating circumstances, at the discretion of Rumble Racing, LLC; however, all changes would be announced at the driver meeting and posted in the pit area.

NOTICE: Through diligent discretion, promoter (Rumble Racing, LLC) reserves the right to refuse any entry and serves the right to refuse admission or entry into the restricted pit area.

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amended 11/6/26