



## 2020 Barberton Speedway Front Wheel Drive (Compact) Rules

Any driver without a scanner will be sent to the rear.

The following rules are set as a guide, and are in no way a guarantee against injury or death to participants, or others. If there are any concerns not covered in these rules, consider any altercations to be illegal, unless told otherwise by the tech inspector. If you're in violation of the rules or our conduct policy and you're removed from the grounds before, during or after any race, you will not be awarded points or prize money for that race.

These are our 2020 rules, with only a few significant changes (in 8.3, 17.5 and 18.2) from last year's rules. Otherwise, officials do not care what you ran or where you ran it in previous years, they only care that you built your car to these rules, and these rules only. Your car will be expected to conform to the rules to compete. All cars must go through tech check before going onto the speedway.

Any minor amendments to the rules before the season opens will be posted on the website and Facebook immediately. All Barberton Speedway-related announcements are made on Facebook first.

**1.0 ELIGIBILITY:** 1.1 This division is limited to American made front wheel drive cars. No two seat coupes.

**2.0 BODIES/FRAMES:** 2.1 The body and frame must be of the same make/model of vehicle being used, and must remain factory stock, including wheel wells. 2.2 Cars must have a grill in reasonable condition at all times. 2.3 Hood and Deck lid must be attached to factory replaces with hood pins or seatbelt 2.4 All exterior chrome trim, with the exception of window moldings 2.5 Headlights, taillights and parking lights must be removed and holes filled 2.6 Cars must have full front and rear firewalls, floor pan, trunk and rear packing shelf firewall. Must be original and in factory stock location. Trunk may be cut out for fuel cell 2.7 Front and rear firewalls and floor pan must have all openings and holes covered with metal. **MODIFICATIONS.** 2.8 Body must be presentable at all times. 2.9 Frame and any part of the car cannot be lower than (5") minimum ride height measured with driver in the car.

**3.0 INTERIOR:** 3.1 All flammable upholstery fabric must be removed, including back seat, carpet, head liner, door panels etc... 3.2 The front/rear firewall and floor pan must be original and in factory stock location. All openings must be covered with metal. 3.3 All interior supports must remain in factory stock location.

**4.0 BUMPERS:** 4.1 Front and rear bumpers must be stock for the car they're on. No aftermarket bumper covers allowed. 4.2 An external tow hook mounted in the center of the bumper, both on front and rear, capable to support the weight of the car is mandatory. 4.3 Radiator protection bar

allowed. There must only be one (1) bar between the front bumper shocks and it must stay behind the bumper and not be exposed outside of the grill or higher than the hood when closed.

5.0 RUB RAILS: 5.1 Must be center line of the car between front and rear tires only. Must be secured to roll cage and be up against body and may not be larger than (2") wide and (1") thick. No sharp edges. No other bars outside of car allowed.

6.0 WINDSHIELD/MIRRORS/RADIOS/SCANNERS: 6.1 Must have factory stock windshield, made of Clear glass or (1) piece Lexan in good condition at all times. No other windows will be permitted 6.2 No rear or side view mirrors allowed. No two way radios. 6.3 The use of two-way radio communication is prohibited at all time. 6.4 A one-way receiving radio scanner must be locked to FREQUENCY 467.7625

7.0 SEAT/SEAT BELTS: 7.1 Must have racing seat 7.2 Approved racing belts allowed. 5 7.3 Racing seat belts must be a minimum (5) point harness and mounted securely per manufacturer's instructions.

8.0 ROLL BARS: 8.1 4 point cage is mandatory. With four (4) minimum driver door bars. 8.2 Material use to make the roll cage must be a minimum of (.095) material thickness by (1 ½") tubing in diameter. 8.3 Must have a bar going across the dash between the front bars. Must be welded to a steel plate that is welded and /or bolted to floor using the minimum of four (4) (9/16th) harden bolts on each corner of the plates with harden washers and locking nuts. Plates under floor pad should be used and bolted to roll cage mounted plates. (BARS PERMITTED FROM ROLL CAGE TO FRONT/REAR BUMPER SUPPORT). No tying to shock towers. No cross ties. 8.4 All bars around the driver must be padded. 8.5 No galvanized tubing permitted. 8.6 Front and rear hoop permitted. Front-2 bars through the firewall only connected to radiator support with 2 down support bars allowed. Rear-2 bars allowed to fuel cell/tank(not past) with 2 down support bars allowed 8.7 All cars must have fuel cell/tank protection bars. 8.8 Inner door panels can be removed for door bars of the roll cage. No other panels can be cut out.

9.0 SPOILERS/GROUND EFFECTS: 9.1 Spoiler and ground effects can be used ONLY if it is stock factory made for that car. No homemade/aftermarket spoilers or ground effects allowed. 9.2 Rocker panels must look factory stock, (NO straight down look). No fairing out of rocker panel or body panels. Must meet (5") ground clearance.

10.0 ENGINES: 10.1 Must be completely factory stock for make/model of car. 10.2 Four or six cylinder transverse mounted engines only. 10.3 Motors can be changed but must stay with the same type motor in the car. (GM in GM, Ford in Ford etc.) If it's a six (6) cylinder, it must stay a six (6)cylinder. 10.4 No six (6) cylinder motors can be put into a four (4) cylinder car. 10.5 Motor must bolt right in without any modifications done to car and be in factory stock location with original engine mounts. 10.6 Must have working alternator. 10.7 All non-used accessories can be removed from motor, (AC, air pump, etc.). 10.8 All belts must be on engine. 10.9 NO MODIFICATIONS OR RACING COMPONENTS! No porting or polishing on cylinder heads,

intakes, or exhaust manifolds. 10.10 Factory computer system only! Computers may be exchanged by Barberton at any time. No performance enhancing chips can be used. Factory Assembly Line Diagnostic Link (ALDL) must be left in the car and in working order. 10.11 No turbo or superchargers will be permitted. 10.12 Maximum engine displacement size (3400) V6 motors with only (1) camshaft and can only be used if it came from the respective manufacture. 10.13 No aftermarket parts whatsoever can be used on any part of the car. If a discrepancy is found, you may be suspended and/or fined and loss of any points for that event. 10.14 4 cylinders can be manual all 6 cylinders must be automatic transmission

11.0 EXHAUST: 11.1 Must be factory stock unmodified and unaltered manifold for make/model of car being used with a (2") maximum outside diameter. 11.2 Tailpipes must be under the car and exit out back or either side of car, but must pass behind the driver. 11.3 Catalytic converter and muffler may be removed. No other modifications, no headers.

12.0 CARBURETOR/FUEL INJECTION: 12.1 Must remain factory stock for make/model car being used. NO MODIFICATIONS whatsoever. 12.2 No larger throttle body or aftermarket injectors can be used.

13.0 AIR CLEANER/AIR INTAKE: 13.1 Only factory air box can be used. No cool air intake or aftermarket air boxes permitted.

14.0 RADIATOR: 14.1 Must be in good condition and have stock drip bottle attached to radiator in motor compartment at all times for overflow protection. 14.2 NO ANTIFREEZE! The use of antifreeze is prohibited and can result in a (\$100)fine.

15.0 BATTERY/IGNITION: 15.1 Battery may remain under the hood, or may be moved into driver's compartment. Battery that remains under the hood must have a minimum of (1") wide metal strap to hold it down. 15.2 Battery that's moved to the inside of driver's compartment must be mounted in a PLASTIC MARINE TYPE BOX. ITS BETTER TO PUT BEHIND SEAT! Battery must be securely mounted down. NO RUBBEROR WIRE TIEDOWNS! 15.3 Must be stock ignition for make and model to the car. Stock factory coils only. No aftermarket coils whatsoever.

16.0 TRANSMISSION: 16.1 Factory equipped automatic or manual transmission for make/model of car being used is permitted. 16.2 Must use a stock flywheel and clutch. No aluminum clutches or flywheels. No high performance clutches or flywheels. 16.3 No transmission coolers of any kind. NO ALTERATIONS! 16.4 Must have at least (3) working forward gears and (1) reverse and use factory stock gear shifter for manual transmissions and gear selector for automatic transmission. 16.5 NO SHIFTER RODS of any kind allowed. NO WELDING OF GEARS!! 16.6 4 cylinders can be manual all 6 cylinders must be automatic transmission

17.0 SUSPENSION: 17.1 Must remain stock in stock location. 17.2 Shocks and struts must be stock. No racing springs, shocks, struts, or aftermarket parts permitted. 17.3 No lengthening, lower control arms or CV shafts. 17.4 No bending of strut tower. 17.5 Cambering RIGHT

FRONT UNLIMITED. The other three wheels are 1" maximum. No rear steer allowed. 17.6 No modifications can be made to the frame or body. 17.7 Wheelbase must be a minimum of (92") to max (105"). Wheelbase must be the same on both sides. 17.8 Rear springs must be stock, but must have the same height, size, and number of coils on each side. No racing, coil-over, aftermarket springs or air shocks allowed. 17.9 OEM Springs ONLY Matching Height and # of Coils 17.10 No Heating of Springs. Cutting Allowed REMEMBER MUST MATCH LEFT OR RIGHT. Example: Left front must match right front amount of coils and Left rear must match Right rear amount of Coils

18.0 STEERING: 18.1 Must use stock components and match make and model of car being used. 18.2 Steering wheel must be welded. Factory wheel can be replaced with racing style steering shaft; quick release hub optional. Shaft joints must be welded.

19.0 BRAKES: 19.1 Must be factory stock operated hydraulic type, operating all four (4) wheels at all times. 19.2 Absolutely NO racing brakes of any kind. No racing or aftermarket type proportioning valves allowed. 19.3 No cross drilling or slotted rotors allowed. 19.4 Brake inspection or test can be performed at any time. If a brake test is done after the feature all brakes must be working properly or you will be disqualified.

20.0 TIRES/WHEELS: 20.1 Rims and tire size can be maximum of 16". Minimum 60 series allowed (60/65, 75, (80/85) . Tire sizes can be staggered, but wheels must all be same size. 15s with 15s, 14s with 14s, etc 20.2 The tire must be a standard tread street tire and can be different SIZE TIRE on all four corners. RIMS MUST BE SAME SIZE ALL AROUND STILL. Any brand tire may be used, but MUST bear DOT number. If any tire does not show complete size or DOT numbers the tire may not be used. 20.3 NO DIRECTIONAL or ASYMMETRICAL, RACING, or COMPETITION TIRES PERMITTED!! 20.4 No spacers, recaps, bald, or shaved tires allowed. No soaking of tires. 20.5 All tires must have visible tread across entire face of tire. 20.6 Factory stock wheels up to (7") wide only. A 7 inch wide racing wheel will be permitted for safety reasons. 20.7 All tires must be inside body of car.

21.0 GAS TANK/FUEL: 21.1 Gas tank and fuel pump must remain stock and in stock location under car. 21.2 All gas tanks must add two (2) extra metal straps with a minimum width of (1") and running opposite stock straps (left side to right side of car). 21.3 Pump fuel only. No racing fuel, alcohol, nitrous, or additives allowed. 21.4 Racing Fuel Cells ARE allowed and must have fuel cell protector bar.

22.0 WEIGHT: 22.1 ADDITIONAL WEIGHT OF ANY KIND WILL NOT BE PERMITTED ON THE CAR.

23.0 PAINTING/NUMBERS: 23.1 All cars must be professionally painted, neat in appearance and professionally lettered at all times. 23.2 Numbers must be approved by the Speedway office and must be professionally painted on both sides and on the roof of car. Must be readable from the right side, in minimum twenty-four (24") heights, with a four (4") stripe width in a color

offering contrast to the color of car. 23.3 A four (4") number with the letter (C) lettered in white or yellow located on the upper right side (Passenger Side) of the windshield. 23.4 All car numbers must be registered with Barberton Speedway office regardless if number competed in previous years.

25.0 SAFETY EQUIPMENT: 25.1 All drivers must be protected at all times with a clean SFI or equivalent full fire driving suit, fire retardant gloves, shoes, minimum 5 point seat belt, shoulder harness and headrest. 25.2 Hans, Hutchens or equivalent head and neck restraint is highly recommended. 25.3 A Snell-Rated helmet SA2005 or newer is required. Sticker must be visible and verifiable. 25.4 Harness and seat belts and are required to be five point system with lower crotch belt (six-point systems are recommended). Mounting attachment bar for shoulder harness must be at shoulder height of the driver and harness should not bend or change direction. Belt systems must be minimum of (3") SFI approved units, dated within three years to date. 25.5 All cars must have a driver's side web style window net with a latch mechanism on the top front corner, and must fall down alongside driver's door when released. 25.6 All cars must have a (2 ½) pound minimum B and C dry chemical fire extinguisher with gauge mounted within easy reach of driver and in working order at all times. 25.7 An engine ignition kill switch must be mounted within the driver's reach and must be marked 'OFF' Please read the above rules very carefully. If your car is built accordingly, you should have no trouble. Always ask a competition Inspector before you proceed.

REMEMBER: Barberton Speedway and its officials reserve the right to change specifications/procedures/competition rules, and add/or subtract cars to the field at any time. Those who sign-in and/or start in an event agree to be governed by these rules and by all decisions of the Speedway and its officials.

#### STANDARD WEEKLY PAYOUTS FOR 2020

With 19 or fewer cars in the field: 100, 75, 50, 40, 30, 25, 20 on back

With 20 or more cars in the field: 125, 100, 75, 65, 55, 50, 45 on back