

## 2025 Berlin Raceway 4-Cylinder Rules

\*Always Refer to 2025 General Rules unless noted. Red new for 2025. Green are important reminders.

- 1) Any American made (GM, Ford, Chrysler Product and or Honda and Toyota) Four Cylinder Front or Rear wheel drive cars, except the following: No Convertibles, Camaros, Vans, No Two Seat Coupes, No Turbo or Super Charged Engines, No Multi Carburetors, No Rotary Engines, No Mid or Rear Engine Cars, and No Cosworth Engines. Factory Stock Fuel injection only. All Variable Cam Timing Engines must have Vores style Restrictor (1 1/2" ID) installed at the Throttle Body opening (ex. V-Tech). Racers may have their own but will be checked with a gauge.
- 2) Wheelbase must be stock/original dimensions 1/4" tolerance: Rear Control Arms must be stock length and in stock location (hence no dog tracking) Steering and suspension must be stock - no modifications.
  - A. Shock towers must not be altered.
  - B. Camber allowed for on all 4 corners
- 3) Body - Must be stock front to rear, including stock frame, stock suspension, stock front & rear firewalls, etc. Aftermarket noses are allowed but must maintain 4" minimum ride height along with skirts & frame without driver. (Stock bumpers, mounted in stock location do not apply) All trunks & hoods will have working stock hinges. Hoods & trunks must be secured with hood pins only - remove all factory hood & trunk latches. Bumpers should be chained or strapped to frame. All holes in firewalls or floor must be covered with metal.
  - A. Side skirts must not be longer than 6" in total, must be straight with no bend and must maintain a minimum 4" ride height. (No ground affects. Car must remain stock appearing).
  - B. Up to 5" spoiler allowed. It must be made of clear material and no wider than the stock body width. (Berlin Officials will monitor this particular rule change and adjust accordingly if safety becomes a concern.)
- 4) Pedals must be stock. No Mirrors. All cars must start with a key, or use a push button/toggle switch. The vinyl cover on the dash may be removed.
- 5) Lexan windshield and or 3 welded bars w/screen attached. All loose glass must be vacuumed out of the car. No Rear Windows or add on window

deflectors on rear or side window openings. May fill in side window between B/C pillar only. Maximum 6" vent window at the A pillar. Can be metal or lexan but no longer than 6" total.

- 6) All insulation and upholstery under the hood, on the floor, and in the interior of the car must be removed. All headlights, taillights, loose chrome, etc. must be removed from the car.
- 7) Stock transmission for that make & model car.
- 8) Battery may be relocated, strapped securely, and covered..
- 9) No antifreeze may be used.
- 10) Gas tank - If the stock gas tank is located ahead of the rear axle, it may remain in place but must have a full skid plate made of steel. Any tank behind the rear end must be replaced & relocated with up to a 15 gallon cell securely mounted and protected with steel can. Rear firewall must be enclosed in rear seat back & package tray.
- 11) Tires & wheels - **Right side Safety wheel mandatory** & left side suggested. All wheels will be a maximum of 7" wide. -Wheel weights allowed on inside only; must be securely fastened, taped and glued.
- 12) **Right Side Tires: American Racer 705 Tire Mandatory on both right-side tires.**
- 13) **Left Side tires:**
  - A. Left sides can either be an American Racer 705 or DOT 200 treadwear to higher. (Mismatched combo is allowed)
  - B. Teams must highlight treadwear label on side of tire to allow quick referencing by tech officials.
  - C. No Z rated, trailer or recap tires allowed.
- 14) Dash bar is required; no off-set roll cages.
- 15) Bar to support radiator allowed.
- 16) Front hoops allowed. May not remove any stock frame. May not hang suspension parts from hoop.
- 17) Front shock towers must be supported from the tower to the roll cage using a minimum of 1 1/2 inch .083 tubing.
- 18) Safety Requirements - Please refer to Berlin Raceway General Racing Rules, Section 8 (Safety). All general safety rules apply to 4-cylinder division.

- 19) Full cage required: four post from inner rocker to inner rocker. Full halo overhead required. Minimum four door bars on left side and two on right side. Plating over left side door bard required - 1/8" minimum steel. Bottom of the roll cage must be boxed (connect the four corners of the cage).
- a) No removing of any interior metal inner body panels, except for clearance for driver's side door bars. This will be enforced.
  - b) A racing seat, mounted to the roll cage, is mandatory.
  - c) Rear Bars - We are allowing the placement of two rear bars, solely for the purpose of safety. Maximum of any tubing size will be 1 3/4" round, there will be no 3" or 4" channel. The rear bars may extend rear-ward from the top of the cage behind the driver, angling down towards the rear of the trunk area. We suggest having a piece of tubing welded flat on the trunk floor, back near the kick-up of the very rear of the trunk area. This is the material that your two rear bars will attach to. No bars of any kind will extend out through the rear of your trunk area; any bars out past this point will need to be cut out before racing. You may have one "X" in between your two diagonal bars, or you may have one horizontal bar going between your two bars; nothing more than that.
- 20) Motor & Computer Claim Rule: Berlin Raceway and drivers currently in top 10 in points at BRW reserve the right to claim any 4-Cylinder motor and computer for \$1500. Claim must be made on race night. Refusal to accept claim will result in all points and monies to be forfeited, and car and driver will not be allowed to compete for eight consecutive races. Penalty can carry over to next season. This rule exists to ensure that car costs continue to stay affordable. Berlin Raceway is not responsible for engine pulling, the driver/ team is. When claiming a Motor, the claimer must have same engine in their car.
- 21) Cars must have a main shut off switch within reach of Driver.
- 22) Quick release steering allowed.
- 23) Head rests mandatory.
- 24) Raceceivers are mandatory.
- 25) Round roll bars are mandatory.

- 26) Roll bar padding mandatory in driver compartment.
- 27) Min. Weight is **2350 lbs.**
- 28) Any weight that needs to be added must be added to the center to right side of car with a minimum of two 1/2 inch bolts. No car can have more than **55%** left side weight, with no added weight allowed.
- 29) **The track reserves the right to add weight to any car due to penalties or to equalize the competition of the class. All weight will be installed in 50 lb. increments on the right side of the interior.**
- 30) Stock shocks only and 1 per wheel. **Only slip on threaded Adjustable coil overs sleeves are allowed for the 2025 season. No made for racing shocks or struts are allowed. No adjustable or rebuildable shocks or struts permitted. Any shock or strut with rebound or compression adjustment knobs, screw, rods, or bolts are not allowed. Stock replacement strut, shock, or spring must mount in stock location. No grinding stamped numbers off the body, struts will be stock replacement solid shaft only. No shock or strut that has ever been taken apart or ever been adjusted will be allowed. Please refer to rule #29 when considering your options.**
- 31) Suspension limiters not allowed. (Bump stops, chains, etc..)
- 32) Skid plate under gas tank Mandatory
- 33) No Adding of Alum/Metal material to interiors for any type of Aero enhancement. Must remain Stock appearing (Boxed in behind seat is ok. In the event that this gets out of hand we will eliminate it, final warning for 2025 season)**
- 34) Max total of 4 Spring Rubbers is allowed. **Spring rubbers can be cable tied to springs, no wrapping in tape.**
- 35) Once cars have passed tech, they must immediately line up in make ready shoot for qualifying. They cannot go back to their pit.
- 36) Qualifying times will be recorded during divisions practice session.
- 37) No lock differentials

38) Stock rear spoilers for that model only. No aftermarket. Rear of car must be closed. (Brake Lights, key holes, Etc..)

FINAL NOTE: Berlin Raceway ultimately has the final decision on all participants and vehicles.

#### 2025 Race Format:

- If 22+ cars qualify, we will lock 16 cars into the two A Features.
  - A **10-lap last chance race** will be run with the remaining field starting straight up (no inversion) with the **top 2 cars** transferring into the 2nd A Feature. Points are awarded as 17 place and up
  - In the event a driver does not want to transfer into the A main feature, they will be allowed to run in the lone B feature starting in the set inversion.
  - If a driver elects not to transfer, no additional cars (other than those that finished in the top 2) would transfer into the A Feature.
- The single B Feature will be 10 laps with a full car inversion based on the finishing order of the last chance race. In the event of 8 or more cars, an additional 5 laps will be added (15) with a set inversion of 8. Points are awarded as 19th place and up unless top finishing car(s) elect not to transfer.