



# Pittsburgh's Pennsylvania Motor Speedway FWD 4 Cylinder Rules

## **This is a NO CONTACT DIVISION AT PPMS**

If contact is observed by PPMS Officials the car(s) involved will be sent to the pits. The DECISION IS FINAL AND THE CALL OF PPMS TRACK OFFICIALS ONLY. THIS IS AN ENTRY LEVEL DIVISION FOR DRIVERS TO LEARN CAR CONTROL.

**ANY DRIVER OR TEAM MEMBER THAT CONFRONTS ANY PPMS OFFICIAL REGARDING CONTACT DECISIONS MAY BE FINED, SUSPENDED, OR BOTH.**

**PROTESTS REGARDING RULES INFRACTIONS WILL FOLLOW  
PPMS RULES OF PROCEDURE.**

COMPETITORS RACING AT PPMS FOR THE FIRST TIME MUST PRESENT THEIR CAR TO PPMS TECHNICAL OFFICIALS AT THE PPMS TRACK SCALES PRIOR TO GOING ON THE SPEEDWAY.  
**NO EXCEPTIONS.**

### **1. CHASSIS/BODY**

- Any front wheel drive four cylinder car. Front engine mounted vehicles only.
  - **NO jeeps, SUV, or trucks.**
- Doors, hood, and trunk may be skinned for lightening purposes. No aluminum body panels, magnetic steel only.
- Boxing in the interior of vehicle is allowed! **However, NO Tunnel Rams are allowed that can increase downforce!**
- Cars **MUST** have a tow hook in the front and rear that is **securely mounted to support the weight of the car!**

### **2. INTERIOR**

- Car must be gutted of all burnables in the interior. **All floor pans must be OEM.**

### **3. SUSPENSION**

- No weight jacks, No transferable weight systems, No rear wheel steering systems of any sort.
- No racing shocks, struts, or springs, shock rubbers permitted.
- **6 Degrees max on Camber Any wheel!**

## **4. ENGINE/DRIVETRAIN/FUEL**

**Pump gas only, no additives, samples may be taken at any time. Teams must tell officials the type of fuel purchased and it must match those specs when tested. RUSH 91 available at PPMS May be used.**

- Must be a three or four cylinder in stock location and type that comes with car, no turbo or rotary engine.
- No power adders! Meaning: no turbos, superchargers, or nitrous.
- Fuel injection or stock manufactured carburetor only, the type for the given car. NO RACING CARBURETOR.
- Stock intake manifold, stock air box.
- Header is permitted.
- Locked differential okay.
- Computer may be chipped and/or tuned
- **Motors may be compression checked at any time, compression may not exceed 210.**
- **Engine swaps are allowed.. Honda stays with Honda ..GM stay with GM**

## **5. ROLL CAGE**

- Roll cage must be constructed of a four-post design with two down bars behind driver following the contour of the windshield and the rear roll bar must be tied into the rear frame. The top roll bars must be connected and form a box at least four inches above the driver's head.
- All tubing must have a wall thickness of at least .095 inch thick and minimum circumference of 1 ½ inches.
- **NO EXHAUST TUBING.**
- Cage must have a minimum of three(3) bars on the driver's side and a minimum of two(2) bars on the passenger side.
- All joints must be welded solid. All cage corners and the driver's side door must have gussets. Padding is highly recommended.

## **6. TIRES & WHEELS, BRAKES**

- NO racing tires.
- NO winter tires.
- **Tires must have a DOT stamp!**
- Tires can be different sizes for stagger. NO DONUTS.
- **Maximum width 7 inch tires.**
- Aftermarket racing wheels, **maximum 7 inches width.** any offset are allowed.
- **Beadlocks are allowed ONLY on the right side!**
- NO cutting or welding allowed whatsoever on any steel wheel!
- 1 inch magnetic steel lug nuts required.
- Tires are ONLY allowed to protrude a MAXIMUM of 2 Inches outside of fender! **IF FENDER IS CUT, 2 INCHES FROM CUT FENDER.**
- ALL FOUR BRAKES MUST BE IN WORKING ORDER

## **7. WEIGHT**

- Car must weigh a minimum of 2300 lbs with driver after the event.
- All weight ballasts must be painted white & marked with the car number & securely mounted with a minimum grade 5 half inch bolt.

## **8. SAFETY**

- Driver's seat must be securely mounted in its original position.
- Each car must have safe seat belts that are securely mounted to the frame and roll cage. At least a five point racing type seat belt and harness that are securely mounted. **NO EXPIRED or frayed SELT BELTS.** Do not mount belts to floor board.
- Flame resistant racing suit, underwear, hood, neck collar (brace), gloves, and shoes are highly recommended.
- Must have a full face shield racing helmet.
- Window nets are required on driver's side.
- Must have fire extinguisher securely mounted within reach of drive
- **Fuel cell highly recommended, 12 gallon maximum, may be relocated to trunk area. Attach to cage.**
- **Stock fuel tank Ok, must be protected by magnetic steel skid pan and magnetic steel straps and with safety chain**

## **OTHER**

- Fuel cell is not mandatory but highly recommended. If a fuel cell is not used, there must be a metal skid plate in the bottom of the tank if it is made of plastic.
- Must have fuel shut off on the dash to the left of the steering wheel and it must be clearly marked.
- **NO parking brakes permitted.**
- **Aftermarket radiators okay, may be braced.**
- **No mirrors permitted.**
- **No radios permitted.**
- **Removable steering wheel allowed**
- **Steering quickener is okay**
- **Camber of wheel allowed 6 Degrees max**
- **RACEceivers MANDATORY and AMB transponders mandatory at paid events.**

**RULEBOOK DISCLAIMER:** The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and, by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OR SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official. The race director shall be empowered to permit reasonable and appropriate deviations from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.