

# MUFFLERS ARE MANDATORY

FAIRGROUNDS SPEEDWAY NASHVILLE

*Current as of January 26, 2012*

## ***2012 Dwarf Cars Rules***

**Speedway officials retain the right to determine eligibility.**

***NO MODIFIED LITES – NO PRO CHASSIS – NO TRUCKS***

**NOTICE:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not confirm to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**NOTE:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. Any and all cars and car parts are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its inspection processes.

### **BODY REQUIREMENTS**

- 1.1 Car Bodies only: 1928 thru 1948 vintage, coupe or sedan. Will have been a production car. All frames and roll cages, including firewall, doors, and rear section framing must be fabricated as a single unit frame already forming the actual contour and dimensions of the finished body. "Sheets metal, meaning outside skin, must be permanently attached, riveted or spot welded.
- 1.2 No open top cars such as roadsters or convertibles. Enter or exit by door only.
- 1.3 Body will be of all metal construction. All tubing must have a .065" wall thickness. No fiberglass, plastic, nylon, etc. Firewalls between engine and driver's compartment is mandatory.
- 1.4 No fenders front or rear.
- 1.5 Doors and windows must remain stock appearance and location. Must have some means of permanent fastener, such as safety cable, chain or hinge. All access panels must conform to or match body style.
- 1.6 All inside suspension mounts must be shielded from the driver compartment. No sharp edges. No sharp objects inside or outside the car.
- 1.7 Door openings must have supports welded to the inside of the front and rear doorposts.
- 1.8 Front frame loop may be installed but cannot be any higher than where it exists to cowl to front of frame, including shock mounts or any other suspension parts.
- 1.9 Each car will have a grille shell matching its body style. Cars much have stock appearing grille. Grille must be constructed of steel.
- 1.10 All door latches must be a positive locking device so as not to open from vibration.
- 1.11 Hood must be fastened securely by spring latch, bolt and nut fasteners. No self-tapping screws
- 1.12 No body shall be more than 48" tall from ground to tallest extreme top.
- 1.13 A 1/2" square mesh windshield or Lexan may be used.
- 1.14 Engine compartment must conform to scale of body length and must match body contour.

### **FRAME AND ROLL CAGE**

- 2.1 The 1 x 2 x .120 rectangular tubing frame rails will extend from the extreme front of the car, meaning at least even with the grille to the extreme rear of the car at least 2 inches behind the last

portion of the body or the trunk. These frame rail will be placed with the two inch vertically and the one inch side horizontal for the entire length. Right and left frame rails may be cut out and dropped a maximum of two inches under the rear axle to provide vertical clearance for the rear axles. This cutout must be no longer than necessary to provide clearance. This cutout will not violate the rules.

### **NERF BAR**

3.1 Short nerf bars required and Long nerf bars optional. No portion of nerf bars may extend wider than rear tires.

## **BUMPERS**

4.1 Cars must have front and rear bumpers.

## **SUSPENSION**

5.1 Radius rods, strut rods, spindle, hubs, a-arms, tie rods, panhard bars, and rotors can be made of aluminum or steel. No sway/anti-roll bars. Front suspension must not exceed tire height or extend rearward past the most forward panel of the firewall, except under the frame rail. No part of the front suspension such as but not limited to shocks or towers, may exceed tire height.

5.2 No straight axles on the front.

5.3 No torsion bars allowed, back or front.

5.4 No driver adjustable mechanism in cockpit area or within reach of driver.

5.5 No electric, hydraulic, air or ratchet type of weight jacks allowed.

5.6 Coil over suspension only.

5.7 Manual coil adjusters allowed so long as they are not adjustable from the cockpit.

## **ENGINES**

6.1 Fuel injected motors up to 750cc will be allowed as long as engine is stock and does not

exceed the 115 horsepower rule. No tampering with computer chip for more horsepower.

6.2 ALL OTHER ENGINES UP TO 115 HORSEPOWER CAN BE RUN.

6.3 Four cycle and four cylinders only.

6.4 All engines must have all parts operational, such as transmission and clutch. Charging system may be modified or removed. No air or electric shifters allowed, must be manual.

6.5 No blowers or turbo chargers.

6.6 Engine must be at least two years old.

6.7 Engine must be cooled by the manufactures intent. Extra fans and coolers are acceptable as long as they don't distract from car appearance.

6.8 Engines must be self starting and must be front mounted in stock location for the car model. Engine may not extend more than 12" to either side of the car body centerline.

## **HEADERS**

7.1 Exhaust and headers must be installed as not to distract from a stock appearing hood. Any hood may not be notched, cut or bent in anyway to distract from car appearance.

7.2 All batteries must be rear mounted and securely mounted.

7.3 All cars must have one, and only one push-pull master switch.

## **FUEL**

8.1 Only fuels allowed is gasoline. No fuel additives.

### **FUEL CELL**

9.1 Fuel tank must be of metal construction or an approved fuel cell not to exceed 5 gallon capacity.

### **DRIVE SYSTEM**

**10.1** Must be shaft driven. Steel driveshafts only. Driveshafts must be painted white. Driveshafts must be enclosed where they pass through the driver's compartment with enough strength to protect driver.

### **WHEEL BASE**

**11.1** Wheel must be 73" with a tolerance of 1/2".

**11.2** Steel wheels only.

### **BRAKES**

**12.1** Must have brakes operating both rear wheels. Front brakes are optional.

### **WEIGHT REQUIREMENTS**

**13.1** No car shall weigh under 1000 pounds or over 1200 pounds without a driver at any time.

### **SAFETY**

**14.1** All cars must have an approved five point racing harness equipped with a quick release buckle. Both ends must be fastened to frame of the car with a grade 8 bolts.

**14.2** Approved racing type helmets.

**14.3** All cars must have a quick release removable steering wheel.

**14.4** All cars all required to have a fire extinguisher mounted inside of the car with easy reach.

**14.5** No radiator or oil coolers will be mounted in the drivers compartment.

**14.6** All drivers must wear an approved driver suit. Single layer fire suit minimum.

### **NUMBERS AND CARTOON CHARACTERS**

**15.1** Numbers can only be one or two digit numbers. The numbers will be minimum 12” in height.

**15.2** All cars must carry the name and printing of a cartoon character.

### **TIRES**

**16.1** All cars must run BF GOODRICH-LEGEND SERIES TIRES or FEDERAL TIRES. All four tires must be same brand, no mixing of Federal and BF Goodrich tires. Tires must durometer 58 or higher, hot or cold.

### **CARBURETORS**

17. **1 ONLY STOCK CARBURETORS DESIGNED FOR ENGINE IN USE SHALL BE USED.**

**NO MECHANICAL SLIDE OR VACUUM SLIDE. NO LEGEND TYPE CARBURETORS. ANYONE CAUGHT WITH THESE TYPE WILL NOT RECEIVE ANY POINTS OR MONIES FOR THAT RACE.**

## **RACE PROCEDURES**

**18.1** All cars will qualify each week. The previous race winner will start in the rear the next race. No addition points will be given for any qualifying position.

## **MUFFLERS MANDATORY**

**19.1** 100 dba will be enforced. If car is not 100 dba, car will not be allowed to practice or race in the event. No exceptions.

## **PROTEST TERMS RULE**

**20.1** Rules apply for all divisions.

**20.2** Protest must be at scales immediately after the feature. Once protest is filed, it will not and cannot be withdrawn.

**20.3** When protest and found illegal, you will lose all points and monies for that night. If you admit to being wrong and don't tear down, you lose all points and monies for that night and will be issued a fine in the amount of \$50.00. Each additional time you are protested and found wrong, the fine will increase by \$50.00 and you lose all points and monies for that night.

**20.4** When protesting, you must also tear down first. All protests must be made at scales immediately following that division of racing.

## **PROTEST COST**

**21.1** All ¼ mile divisions: \$1,000.00 to look at everything. \$500.00 to look at top half only. Protester must tear down first. Speedway keeps 30%, win or lose.

**21.2** All 5/8 mile divisions: \$1,500.00 to look at everything. \$1,000.00 to look at top half only. Protester must tear down first. Speedway keeps 30%, win or lose.

**FAIRGROUNDS SPEEDWAY NASHVILLE REQUIRES MUFFLERS ON ALL CARS!**