

JACKSON SPEEDWAY

600 Dwarf Pavement Class Drivers: 16years and older.

1. BODY STYLES

1928 -1948 American production vehicles only. Two door sedans, coupes or pickup trucks only.

2. BODY REQUIREMENTS AND SPECIFICATIONS

A. Body must be 5/8 scale, stock appearing and 73-inch wheelbase. Maximum width 60".

Must roll through 61" opening.

- 1 Must have grill shell or simulated open radiator matching original body style and material.
- 2 Doors, windows and cowling must retain stock appearance. Hood louvers allowed for cooling, but must maintain stock contours.
- 3 Engine compartment must conform to scale and match contour of body.
- 4 Must have trunk lid or trunk access panel conforming to original bodylines.
- 5 No wings or spoilers.
- 6 Body must have rear window opening with unobstructed view into cockpit from rear of car, minimum 60"x2".

B. Body will be metal construction, 26gauge steel or .040" aluminum minimum. Fiberglass or plastic grill shells allowed. All exposed edges must be folded or trimmed over.

C. No open top cars (roadsters, convertibles).

D. Dimensions

- 1 All cars will measure between 40" and 48" at highest point of top to ground, with no more than 10 degrees slope. Body height maximum 40" bottom edge to top (including frame rail). Maximum outside tire width 60".
- 2 Maximum body width: 38 inches . .
- 3 Body contour must be formed by frame and roll cage. No body standoffs allowed.
- 4 Frame ride height must not let car bottom out to track.

E. Doors must be operational and equipped with secure latch.

F. Fasteners on hood, trunk or panels must be positive, locking type.

G. Weight

- 1 All cars will weigh minimum 1200 lbs. with driver after race for carbureted 600cc or smaller cars, 1250 lbs with driver after race for 600cc F1 fuel injected cars.
- 2 Added weight must be painted white and be marked with car number. Weight mounted to frame rails must use two 7/16" bolts and double nuts. All bolted weight must be within perimeter of frame rails.
- 3 Maximum left side weight 55% (with driver).

H. Bumpers

- 1 Material will be DOM tubing only, maximum diameter 1" wall thickness .095.
- 2 All bumpers will have closed loop outside ends.
- 3 Front maximum width 50", maximum height 8". May not be more than 6" forward of front tires.
- 4 Rear Maximum width 50 ", maximum height 8". May not extend more than 6" behind rear body panels.

I. Firewall must be metal and must completely separate engine compartment from cockpit. Engine protruding into cockpit must be enclosed.

- 1 Dashboard must be metal. Should have push/pull electrical switch on extreme right hand side or master electrical switch clearly located and marked. Other switches must be toggle type.

K. Nerf Bars: Full length nerf bars DOM tubing only, maximum diameter 1 ", maximum wall thickness .095.

L. Seat must be high-backed aluminum racing type. All cars will have a permanent bar located behind top of seat at shoulder level. Bottom of seat will not be more than 63 " back measured from upper ball joint. Top of seat may be tilted back for added head clearance; however no portion of the seat may be back more than 68" as measured above.

M. Numbers and Graphics:

1 Car number must be a minimum of 12" in height and 2" stroke. Must be displayed on each door and roof or trunk. No roman numerals.

2 2. For ease of lineups in the pits it is requested that cars have 3" numbers front and rear.

3. WHEELS AND TIRES

A. Steel wheels only, minimum wall thickness .090" 13" only. Wheel width maximum 8". NO BEAD LOCKS.

B. Tires: Goodyear D 1636 or American Racer Slicks. Tires may not be chemically or physically altered inside or out.

4. ENGINE SPECIFICATIONS

A. Four cycle engines only, maximum displacement 600cc.

B. Must have working transmission, clutch and starter with all parts in place.

C. Charging system optional.

D. No auxiliary starters.

E. Engines must be front mounted in engine compartment.

F. No fuel injection except factory OEM for that specific engine and engine must remain stock.

G. Engine must be cooled by original intent. May use extra fan or oil cooler. Engine lubrication open.

H. No aftermarket cylinder heads. Nor porting or polishing. Port matching limited to 3/16" into cylinder heads. Parting line must be visible upon inspection.

I. Engine exhaust must be installed to not detract from stock appearing hood. Mufflers mandatory. Exhaust must conform to local decibel rulings.

1 Compression maximum 21Spsi average of all cylinders with carburetors removed. Engine will be cranked until gauge stops.

M. All engines are limited to stock stroke length for that year and model.

N. Any water-cooled engine with any alterations from stock specifications must use unmodified factory stock carburetors, Dyna-jet kit allowed.

5. BATTERY, FUEL SYSTEM

A. Battery and fuel pump must be mounted outside driver compartment. Battery must be secure and held with non-rubber strap. Electric fuel pump allowed. Car should have master electrical switch clearly located and marked.

B. Fuel cell mandatory, maximum 5 gallons, located in trunk.

C. Fuel cell cap should be marked with car number.

6. DRIVE TRAIN

A. Must use drive shaft from transmission to automotive rear end. Minimum 2.50" X .083" tubing highly recommended.

B. Drive shaft must be painted white or Day-Glo orange.

C. Drive shaft tunnel must have minimum of 2 (3 recommended) 360 degree hoops between firewall and seat back.

Must be fabricated of minimum 3/16" X 1 1/2" steel bar. 1/25" X .095" steel tube highly recommended.

D. No traction control devices allowed.

7. FRAME AND ROLL CAGE

A. Main frame members will be minimum of 1 1/2" X 2" X .120" wall rectangular steel tubing. No aluminum allowed in frame or cage.

B. Main frames will have a minimum of 3 cross members fabricated of same material as frame rails. Alternate material may be steel angle, minimum 1/8" X 1 1/2" X 2". Cross bracing in floor under driver strongly

recommended.

- C. Roll cage must be mild steel tubing minimum 1" X .065" wall. 1.25" or 1.50" X .095 Highly recommended. Cross brace or diagonal strongly recommended in hoop over driver's head.
 - D. Rear doorpost must be minimum 1" X 2" X .120" rectangular steel or structural equivalent. All doorposts must have 1/8" hear plates at frame if cage bars open with door.
 - E. All cars must have cage bars installed across door openings on both sides. Bars should be welded in place as part of roll cage. Minimum size 1" X .065" (1.25" X .095" recommended). Cars with bars mounted on doors should have full doorframe and minimum of 2 horizontal crossbars. Minimum 1/4" X .065" Cars with bars mounted on doors must have 1 1/4" X 1/4" steel stops welded in on each side opening, totaling a minimum of 4" on each side door.
- 1 It is required to have a steel bar 1" X .083" minimum from door post to door post under the dash. Steel plate on driver's door, bars recommended.
 - 2 It is recommended that, if using rivets, body panels attach to tabs welded onto cage instead of drilling multiple holes in cage bars.
 - 3 No offset allowed in chassis. Frame must be symmetrical side to side.

8. SUSPENSION

- A. Front suspension must not extend rearward past the most forward panel of the firewall. May be hidden under frame rail out of view from either side.
- B. Rear trailing arms located outside body must be not lower than frame rails and may not extend forward past rear doorpost. Arms located inside are not limited in length or design. Torque absorbing devices allowed.
- C. Wheel offsets are allowed.
- D. Hub offsets are not allowed.
- E. Coil-over shocks are the only allowable means of supporting the chassis. One shock and spring per wheel only.
- F. No adjustable shocks. May not be of type that allows disassembly for adjustment. Pro-Shocks endorsed by UDRA. Aluminum shocks allowed with maximum value \$90.
- G. No driver shall have the ability to adjust suspension from inside car.
- H. No titanium suspension parts allowed.
- 1. No birdcage type rear linkage.
- J. No straight axles, leaf springs or torsion bars.
- K. Anti-roll (sway) bars permitted front or rear.

9. STEERING

- A. All steering components must have safety fasteners such as cotter pins or self locking nuts.
- B. Manufactured quick-release steering wheel hubs mandatory.
- C. Rack and pinion steering is recommended.

10. BRAKES

- A. Four-wheel brakes mandatory, Four rotors and four calipers.
- B. Adjustable brake bias allowed
- C. No aluminum rotors.
- D. Competition-type master cylinders allowed.
- E. Aftermarket calipers allowed. Wilwood Dynalite single or equivalent.
- F. No exotic brake systems (recirculating, floaters, etc.).

11. SAFETY EQUIPMENT

- A. Each car will carry a fully charged fire extinguisher, mounted within easy access of the driver. Fire bottle system HIGHLY recommended.

B. Driver uniform will consist of:

- 1 Firesuit (single-layer-minimum). Nomex Underwear strongly recommended.
- 2 Fireproof gloves (Racing gloves only).
- 3 Fireproof shoes (Racing shoes only).
- 4 Approved helmet with Snell 98 or higher.
- 5 Neck collar mandatory (Head Restraints strongly recommended).
- 6 Window nets or arm restraints mandatory.

C. Car must be equipped with 5-point safety harness, not more than 5 years old with minimum of 3 inch belts and pass visual inspection. Belts older than 5 years must be replaced or sent to manufacture for recertification.

D. Aluminum, high-backed racing seat mandatory.

1. **NO RADIOS**
2. **NO MIRRORS ALLOWED IN OR ON CAR FOR ANY REASON.**