



2017 OPEN WHEEL MODIFIED RULES

Any differences in these rules please call and we will try to accommodate!!!!

NO CARBON FIBER. NO TITANIUM. UNLESS OTHERWISE NOTED. NO BUMP STOPS, BUMP SPRINGS OR CHASSIS LIMITERS. NO TRACTION CONTROL DEVICE(S) OF ANY KIND.

*Speedway Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

*Speedway reserves the right to update, modify, and/or delete rules at any time deemed necessary to insure safety, fair competition or any other reason that may be appropriate.

CAR:

American made, factory production, 1970 or newer with parallel frame, rear wheel drive only. Minimum wheelbase 108". Wheelbase must be within 1/2 side-to-side.

CHASSIS:

A. OEM stock full chassis clips or Fabricated/tubular frames (must be approved by Tech).

B. Frames may not be widened or narrowed and must be able to support roll cage on both sides. Front cross member may be notched for radiator clearance only. NO widening or fabricating of cross member. Must maintain stock measurement from cross member to A frame bolts.

C. Stock clip cars 56% left side; Fabricated clip cars 56% left side plus 50 lbs in front of flywheel.

D. Ride height minimum 4" Body, Frame and Lead at all times. No pulling up on car in tech line.

E. MODIFIED TUBE CLIP: Must use stock lower A-Frames, steering box and idler arm. Must maintain 3 ¼ "from lower control arm bolts to bottom of cross member at all times. Lower mounts must be solid and nonadjustable. Must measure 17" - ¼" tolerance from center bolt to center bolt on front side of lower control arm and 27" - ¼" tolerance. Any tube clip that doesn't meet these specs will be deemed illegal.

BODY:

A. Width 66" maximum. Length 120" maximum measured from front of door/back of engine block to end of rear quarter at any point. 6" maximum body rake. Maximum 3" at door and 3" inch at quarter to get the 6" total. Body must be mounted straight on chassis.

B. Firewalls can be aluminum and floorboards are made of Steel only.

C. Fiberglass, aluminum or steel duplicates of body parts are permitted.

D. Full roof is mandatory and must cover complete halo bar. Maximum of two 1" drip rails allowed.

E. Original roof line of vehicle should be maintained with a maximum of one (1) inch drop rear to front.

F. No wings or other ground effects anywhere inside or outside car.

G. Rear spoiler allowed 6" x 60" only.

H. Engine compartment will remain open, no side panels; hood sides may have a maximum six (6) inch drop and be enclosed at rear of hood; bodies should extend no further than back of block. (NOTE: passenger side of body must be no further forward than rear of block.)

I. Lower rear quarter panel turn not to exceed one (1) inch maximum with a minimum of two (2) one (1) inch braces/supports. Quarter panel minimum height from top to bottom in rear is 18".

J. Full windshield required. 1/8 " Lexan ONLY. Rear window optional. If used, must be lexan. 1/8" lexan only.

K. Maximum front nose width 43 ½ inches

ROLL CAGE:

A. Must consist of continuous hoops, not less than 1-3/4" outside diameter and must have a wall thickness of at least .095.

B. Must be frame mounted in at least six (6) places.

C. Must consist of configuration of front and rear hoops connected by tubing on the sides or side hoops. Driver's head must not protrude above cage with helmet on and strapped in driver's seat. Roll cage must be securely supported and braced.

- D. Protection of feet is mandatory. Bar across back of engine with vertical bars and rub rails or similar protection.
- E. No brace bars forward of cage may be higher than stock hood height.
- F. Driver door bars must be as parallel with the ground as possible and located perpendicular to the driver so as to provide maximum protection for driver without undue difficulty in getting into or out of the vehicle. The side bars must be welded to the front and rear of the roll cage members. Door bars less than .095" thickness should have four (4) bars at least 1 1/2" diameter.

Bumpers:

- 1. Must be used in both front and rear. Front bumpers should be mounted frame end to frame end with the bottom loop parallel to the ground. Should be made of minimum 1-1/4" pipe and must be welded to support car if lifted by wrecker.
- 2. Rear bumpers, nerf bars, and bodies must not extend beyond width of rear tires and must not contain any sharp edges.
- 3. Rear bumpers may be constructed of pipe or flat stock and must protect fuel cell. Center bumpers (FRONT AND REAR must be 18 inches (plus or minus 2") from ground.

FUEL CELL: 1. Maximum of 22 gallon fuel cell mandatory. Cutting the trunk for the fuel cell is permitted. Fuel cell must be in 22 gauge steel. **OBORG Fuel Valve # SV-0828 Mandatory.**

- 2. Sunoco Spec Fuel.

DRIVESHAFT:

- 1. No aluminum drive shafts must be steel. Must be painted white. Must have safety loops

SUSPENSION:

- A. Stock passenger car spindles only; NO fabricated spindles. Center of ball joint to center of tie rod must be stock measurement as well as the same measurement on both sides. B. OEM Bottom A-frames cannot be altered or moved. **Ford lowers are allowed as long as they mount in stock mounts.**
- C. One piece OEM or aftermarket sway bar only.
- D. No coil over shocks, either front or rear. Coil over eliminators may be used in rear only with minimum spring diameter 4 1/2 ".
- E. No fiberglass springs allowed. No torsion bars allowed in rear.
- F. No hydraulic, ratchet or electric weight jacks anywhere in or on car.
- G One shock per wheel only. Only steel non-adjustable. Aluminum knuckle o. k. Adjustable shafts and canisters are NOT permitted. NO aluminum shocks.
- H. OEM steering only. Heim joints on outer tie rod ok. No racks.
- I. Front rotors may be re-drilled for larger studs or different lug pattern, but may not be lightened.

ENGINE:

- A. Any American made engine may be used as long as the rear of the engine (bell housing flange) is mounted at least 72 inches forward from the center line of the rear axle. Engine offset must be kept within the front stub. (Engine offset maximum two (2) inches of center- line of front cross member.) Crankshaft height minimum will be 11 inches from the ground to front center of crankshaft. SB2 engines are permitted. Must be wet sump only. Single stage, external drive oil pump permitted. No aluminum blocks.
- B. NO TOTAL "dry" sump systems allowed. "Wet" system must be operative.
- C. One (1) two (2) barrel or one (1) four (4) barrel carburetor o. k. must be normal aspirated. Use of Holley #4412, 500 cfm carburetor must fit track gauges.
- D. Exhaust system must be mounted in such a way as to direct spent fumes away from cockpit of vehicle and must extend past frame rail, and away from all areas of possible fuel spillage.

TRANSMISSION:

- A. OEM type production transmissions (Richmond case ok) or T10 will be allowed, Three (3) speed, four (4) speed and automatic. NO FIVE (5) SPEED TRANSMISSIONS. NO in/out boxes. NO buttons or couplers. Must all be clutch operated with motor running and car still in position. Driver must be able to engage car in gear and move forward, then backward at time of inspection. Clutch must be inside bell housing. Must have two forward gears and reverse. No lightweight parts or straight cut gears.
- B. Clutch type must be equipped with explosion proof bell housing. Clutch size minimum 5-1/2".

DIFFERENTIAL:

- A. Must be 9" floater or quick change.
- B. NO Wide 5.

C. NO rear sway bar.

WHEELS & TIRES: A. Track approved tires only. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

B. Wheels maximum width 8", steel only. Must be racing wheel. Tires must not be outside nerf bars.

C. 80" tread width maximum, outside to outside, NO tolerance.

D. No Bleeders.

WEIGHT:

A. All motors must weigh 7lbs. per cubic inch and 2500 minimum. 56% left side maximum.

B. It is mandatory that weight and cubic inches be displayed on the right side of your hood at all times.

C. Weight and left side percentage can be checked at ANY time before, during or after time trials and/or racing event with driver sitting in the normal driving position with helmet and uniform.

D. Tube clip must add 50 lbs in front of flywheel

BRAKES:

A. Brakes must lock up all four (4) wheels during post inspection.

B. Front and rear brakes must consist of stock appearing components Single piston only. C. May run steel or aluminum front safety hubs. May run aftermarket rear hats and rotors