

## Sport Four Rules

**Tube Chassis:** Tube chassis must be rear wheel drive only.

**Floor Pan Car:** Must utilize the majority of OE/as produced vehicle structure. Outside of the main roll cage structure a basic front and rear hoop for crash & component protection is allowed.

### Bodies:

Must resemble a stock body automobile in regard to size, shape, and contour.

Aluminum and Fiberglass bodies allowed and must add twenty five (25) pounds. Hood and deck lids must have all bracing removed and be tethered to the car.

Sun roof must be covered with sheet steel of similar thickness to existing roof structure and welded into place. No "T" tops. Original equipment windshield (safety glass) in good condition may be used. Minimum eighth (1/8) inch Lexan windshield is allowed with at least one (1) support strap installed close to center. All other glass and combustible material must be completely removed.

One (1) inside mirror no larger than three (3) inches x twelve (12) inches and one (1) left side mounted mirror no larger than five (5) inches x five (5) inches is allowed.

Spoilers may be a maximum of five (5) inches tall and fifty-eight (58) inches wide.

Bumpers are required to have a retention chain/cable at both ends. Rub rails mounted tight against the body are allowed.

Lifting/towing chains or cables must be installed both at the front and the rear of the race car are required. Absolutely No Exception.

No down force bodies or wedge noses. Back end of body must be enclosed. No open tails.

### Eligible models:

1. Any mass-produced [4] cylinder passenger cars.
2. Two or four door models permitted. No convertibles, minivans or trucks.
3. Front engines only.
4. No all-wheel drives.

### Frame:

Any tube or stock type chassis shall be allowed. Tube chassis rear wheel drive only. No front wheel drive tube chassis allowed.

Pipes must be a minimum of one and one half (1½) inch x point zero nine five (.095) inch wall.

Frame tubing must a minimum of two (2) inch x two (2) inch x point one two five (.125) inch wall. Fabricated tube chassis wheelbase minimum ninety six

(96) inches.

### Weight:

**Car must be marked with CC's on the hood.**

One (1) pound/cc with a twenty-two hundred (2200) pound minimum for fuel injected cars.

One (1) pound/cc with a twenty-one hundred (2100) pound minimum if under twenty-three hundred (2300) cc and carbureted.

Left side maximum is fifty-six percent (56%) for stock frame cars, fifty-five percent (55%) for cars tied together.

All ballast weight must be located outside of the driver compartment with each piece attached with a minimum of two (2) three eighths (3/8) inch bolts, washers and locking nuts.

All weight must be lead with each piece painted white and display car number.

All cars being weighed for compliance with technical rules will be weighed with each wheel centered on a scale, the driver belted in the seat and sitting in the upright position with his/her helmet on or resting in his/her lap. **Any car with 3 wins will have 25 lbs added to the right side of the car, between the axels and will go up 25 lbs after every victory there after.**

### **Weight Penalties/Allowances**

Non-steel body .....+25 lbs.

Full tube chassis/no O.E. floor pan.....+50 lbs.

Double overhead cams .....+50 lbs.

Variable cam timing .....+50 lbs.

7" wheels .....- 50lbs.

Longitudinal engine w/ steal or aluminum head..-50 lbs.

Tube chassis cars with longitudinal engine placement will receive no weight break.

### **Wheels – Brakes – Tires**

American Racer 13" or 14" Track tire. All tires on car must be same size, either all 13" or all 14".

Track tires must be purchased from the authorized Speedway tire representative. Absolutely no tire softener. No chemicals may be used while mounting tires to rims. Any steel wheels 7" or 8" width to maintain 64" track width. Spacers allowed. Steel wheels are required for all cars. Every wheel must have all wheel studs with required one (1) inch lug nuts.

All four wheels must have brakes in good condition.

Brakes must be OEM or OEM replacement type.

Cars may be converted to rear disk brakes using production model parts from any make or model.

Aftermarket brake pedal assemblies allowed

**Durometer testing will be done**

**Once Tires leave the truck ABSOLUTELY NO RETURNS**

**Absolutely no tire softener.**

**If tech suspects tire softener all tires will be dismounted and confiscated, and you will be disqualified.  
If protested a sample of the tire will be sent out for evaluation. The driver will be responsible for all costs of the testing if it is found positive.**

**Engine Specifications:**

Twenty-five hundred (2500) cc maximum. Maximum 200 Horsepower.

.04 maximum overbore will be allowed.

Expanded/Racing oil pans will be allowed.

Dry sump pumps will not be allowed.

After market pulleys will be allowed.

Aftermarket heads will not be allowed.

Roller valve train parts allowed only if OEM parts. No aftermarket. Maximum 480 lift camshaft. Connecting rods must be steel. Stock OEM internal parts only.

Variable valve timing will be allowed.

Knife edging cranks will not be allowed.

Maximum compression ratio stock, only exception is Ford and Toyota rear wheel drive max 11.1.1

Engine must be of same manufacture as chassis. Honda for Honda, Toyota for Toyota etc. Engine must fit chassis with no modification of motor mounts.

**Cooling/Battery/Exhaust:**

Any radiator that fits under the hood is allowed.

Water and a cooling additive only. No antifreeze allowed.

Must have a minimum one (1) quart capacity sealed overflow container.

Car must not have fluid leaks of any kind.

No forced air induction (turbocharger/supercharger) allowed.

Battery may be relocated. Battery must be in a sealed battery box and properly secured.

Exhaust system with a muffler is required and must extend past the drivers compartment turning down toward the ground with the end of exhaust system under the race car, not out the side or the rear of the race car.

No anti-freeze allowed. Water and Keep Kool™ only. All cars must have an overflow jug in working order.

### **Ignition:**

Any stock ignition.

### **Fuel System:**

A fuel cell is mandatory. Maximum twelve (12) gallon fuel cell, in a steel container with a check/rollover valve in the vent line; secured with two (2) straps front to rear and two (2) straps left to right. The minimum dimension of strap material is eighth (1/8) inch x one and one half (1½) inch.

All fuel filters must be of metal construction. No plastic, glass or other material will be allowed.

Any line containing a combustible material must be metal and routed outside of the driver compartment. Electric fuel pumps must be wired through a low oil pressure cut off switch.

Fuel Cell minimum ride height 8" from ground.

### **Transmission:**

Transmission/Trans Axle must be stock production for make and model of car.

Car must have functional reverse gear.

Driveshaft must be steel and painted white.

Driveshaft loop required near the front of the driveshaft with material specification minimum of one-quarter (1/4) inch x two (2) inches. Rear driveshaft loop is recommended. Differential/Trans Axle may be locked.

Stock Single disc clutch only. Steel flywheel only.

### **Suspension:**

Five (5) inch minimum ride height.

Track Width shall be sixty-four (64) inches maximum measuring from center to center.

Stock Type springs only.

Wedge adjusters will be allowed.

Stock sway bars only.

Shocks must be steel, smooth body, sealed, and non-adjustable/non-rebuildable. Maximum cost \$120.00 per shock and \$100.00 per strut. 5/5 shocks only. Shocks subject to tech testing at any time.

After market suspension parts are allowed but must conform to OEM replacements.

Traction Control will not be allowed.

No Bump stops allowed.

### **Windshield:**

Windshield may be replaced with plastic or 1/8" Lexan™. Complete windshield opening must be covered.

No other glass allowed.

### **Brakes:**

Four wheel brakes in proper working order are mandatory.

Brake system must remain stock for make and model.

**Anything not covered by any rules for this division shall remain stock as made by the manufacturer.**

**Stock for year and make must apply in all cases.**

**THE TECH COMMITTEE RESERVES THE RIGHT TO ADD OR  
SUBTRACT WEIGHT AT THEIR DISCRETION**

**FOR EACH ITEM NOT MEETING SPEEDWAY 95 SPECIFICATIONS.**

**THE TECH COMMITTEE MAY ADD OR SUBTRACT WEIGHT IN THE FAIRNESS OF  
COMPETITION**

**Tech has the option to give last place points and loss of award money to a car/driver that has an infraction to the rules that would not warrant a disqualification.**

**Any alteration to any part of the car not specifically covered in these rules must be cleared with the technical inspector or it will be considered illegal. In other words, IF IT DOESN'T SAY YOU CAN DO IT, YOU CAN'T.**

**Any specification not covered by these rules may be decided upon by tech management and made a rule for the rest of the season.**

**Motorsports at all levels pose a risk to your wellbeing. Following the rules set for by Speedway 95 in no way guarantees or suggests your safety.**