



**2019**

## **STREET STOCK & CYCLONES COMBINED RULES**

**In 2019 we are combining the street stocks and the cyclones into one division. We have been working hard on trying to incorporate the rules to make this a fair and equal division. Speedway 51 exercises their rights to make changes as deemed necessary by the Tech Inspectors, and race director in fairness of competition. We feel these rules that we are putting forth are very solid and will be a very competitive division for all. Most possible foreseeable changes would be adjusted by adding weight to cars. If you have any rules questions contact our Tech and Director of Competition, Bob Wright at 802-631-1833. No phone calls after 8pm please. THE DIVISION WILL BE NAMED STREET STOCKS.**

***NOTE: Speedway 51 reserves the right to alter rules in the best interest of competition. Weights and rules may be adjusted up or down to ensure the best racing experience for competitors and fans.***

**RULES UPDATE 1/10/19**

**V-TEC MOTORS WILL BE ALLOWED IN 2019  
MAY BE SUBJECT TO WEIGHT PENALTIES IF DEEMED NECESSARY**

**ALL DRIVERS MUST BE AT LEAST 14 YEARS OF AGE BY MAY 19, 2019**

**1. Competing Models:**

- \* American or foreign made hardtop sedans.
- \* No dedicated sports cars.
- \* No special edition cars.
- \* No two seater cars.
- \* No V-Tech or G.S.R. cars.
- \* No Camaros or Firebirds allowed.

**2. Bodies:**

- \* No holes cut in the hood. No hood scoops.
- \* Stock doors must be bolted or welded shut.
- \* All glass must be removed except windshield which may be replaced with 1/8" lexan. Lexan must be held in place in an approved manner.
- \* No rear windows allowed. No side windows allowed.
- \* Must have stock floor pan.
- \* Front and rear firewalls must remain stock.
- \* All flammable materials must be removed including the stock dash pad.
- \* Steering shaft made of approved tubing with a quick release system is mandatory. Stock shaft with quick release steering wheel will be allowed.
- \* Steering wheel must be padded.
- \* No added weight of any kind allowed except if ordered by Tech Inspectors.
- \* Hoods must be held in place with a minimum of 3 hood pins in the front & two in the rear.
- \* Hoods may be gutted. Battery must remain under the hood and securely fastened.
- \* Trunk lid may be gutted and needs a minimum of four hood pins, 1 in each corner.
- \* All body panels on the car must be stock, except approved Mustang nosepiece.
- \* Rocker Panel skirting must adhere to 6" frame height rule.
- \* Tow-hooks or cables required on front and rear of vehicle.
- \* Bumpers must remain stock with no sharp edges.
- \* 5" Lexan spoiler allowed. No boxing in of ends.
- \* Trunk floors have to remain, Can be repaired but not replaced.
- \* Must have all four wheel brakes working and stock for make, year and model.
- \* All pedals will be stock in stock location.
- \* One mirror allowed, either inside in center of windshield, or a 4" round mirror outside mounted on roll cage or door post.
- \* No flaring of front nose pieces or rear tail pieces.

### 3. Frames:

- \* No tube frames.
- \* Must remain stock.
- \* Uni-Bodies may connect front and rear sections as long as both sides are done same way.
- \* Lowest point chassis WITH DRIVER will be 6" including cross members, side skirts, measured with driver in the car.
- \* Substantial frame repairs must be approved by Tech if using other than stock materials.

### 4. Engines:

- \* Be prepared to supply documentation on your racecar. Valid proof is responsibility of drivers.
- \* No turbo, superchargers or rotary powered cars.
- \* **V-TEC ENGINES allowed in 2019 may be subject to weight penalties if deemed necessary.**
- \* Engines must be OEM for make and model with stocks CC's.
- \* Maximum 2.5 liter, VW's 2.0 liter.
- \* 16 valve D.O.H.C. cars will be allowed, minimum wheelbase of 87" to a maximum 104".
- \* All cars with electric fuel pump must have an electrical shutoff switch that has to be clearly labeled ON and OFF and must be located in the middle of the dash.
- \* Stock rods and crankshaft. Pistons +.040 replacement for make, and model, stock head may be cleaned up to .010.
- \* No high performance or aftermarket parts allowed. Compression readings of 200 P.S.I. or higher may lead to engine teardowns.
- \* No polished or ported heads.
- \* Roller cams only if stock for your year, make & model.
- \* Ignition must be stock for your year, make & model. No racing ignition parts allowed. E.C.M. may be confiscated at any time by Tech Inspectors if deemed necessary.
- \* Exhaust manifold must be stock for year, make & model. If your car has stock header it also must be for year, make & model.
- \* **Exhaust must exit behind driver and dump to the ground.** 2" ID maximum size.
- \* All air cleaners must be stock, and must remain as manufactured. No cutting allowed, no added pieces allowed. No cold air intakes allowed.
- \* All engine parts, internal and external including bolt on parts must be for year, make & model.
- \* Engine block and head must be stock for year, make and model. No mixing of heads and blocks. Numbers must match and not have been tampered with.
- \* Any part with part # or casting # removed or altered will be deemed illegal.

### 5. Rearends:

- \* No locked differentials of any kind allowed. No limited slip rearends.
- \* Only one wheel must spin when ever or wherever asked.
- \* Stock gear ratio only.
- \* Transmission must be stock O.E.M. for year, make and model. All gears must be in working order.

## 6. Suspension:

- \* No strut to strut bracing allowed.
- \* Springs and shocks must match from one side to the other. All struts and shocks must be in working order with equal rebound or may be considered illegal and result in disqualification and/or other penalties at the judgement of official in charge. Maximum of 2 spring rubbers total allowed on the car.
- \* Stock springs, shocks and struts only. Must be stock for make, year and model.
- \* No heating or cutting of springs.
- \* Sway bars must be stock for your year, make or model. No rear sway bars of any kind allowed.
- \* No rear steer allowed.
- \* Wheel base must remain stock within 1" side to side. Right front camber is 2" maximum measuring camber with a straight edge to the tire, not the wheel. All camber on wheels other than the right front must be factory stock dimensions.
- \* **All 12 valve and over D.O.H.C. motors have a maximum right front camber of 1 1/2", right rear camber of a maximum of 3/8", and Left front camber of 1"**

## 7. WHEELS & TIRES – **THERE WILL BE NO TRACK TIRES ALLOWED**

- \* Stock wheels only, 7" maximum width. Must run all same wheel size. 13", 14", 15"
- \* VW's must use stock VW wheels only.
- \* Wheel offset **MUST BE** the same on all four wheels
- \* 70 series tires allowed, minimum treadwear # is 320
- \* 60 series tires allowed, minimum treadwear # is 400
- \* Treadwear # **MUST BE** colored white or yellow crayon. **Mandatory.**
- \* Used passenger car radial tires only. Street radials must be DOT tires. No high performance tires including V or Z rated or comparable performance tires. No recaps, or studded tires. All tires must be approved by Speedway 51 Tech Officials.
- \* Tires may be buffed.
- \* All tires must stay within the intended fender wells of the car.
- \* 1" lugnuts are mandatory.
- \* No relief valves or bleeders.

## 8. Roll Cage:

- \* Minimum size of roll cage tubing is 1 1/2", .095 thickness
- \* Full racing type cage mounted or braced to frame rail or plates connecting all four uprights to uni-body is required.
- \* Must have four curved bars in drivers doors, three bars in passenger door.
- \* All stress points should have gussets. This is highly recommended.
- \* All tubing around driver has to be padded.
- \* Tubing from roll cage may extend through front fire wall to the middle of the front tire.
- \* Tubing may extend to the rear to a point not more than 3" behind fuel cell.
  - \* This will allow a cross brace to protect the fuel cell

## 9. Fuel Cell:

- \* Must be centered in trunk of car.
- \* A minimum 8 gallons, maximum 15 gallons.
- \* Approved fuel cell is mandatory & must be located in the trunk area with a full steel

**firewall between cell and drivers compartment.**

- \* **Fuel cell must be enclosed in a steel canister made of minimum 22 gauge steel.**
- \* **Fuel cell must be held in place with a minimum of four 1" x 1/8" flat steel.**
- \* **All vent lines must have a check valve.**
- \* **All fuel lines passing through interior of car must be enclosed in steel conduit.**
- \* **Absolutely no cutting of trunk floor to lower fuel cell.**

#### **10. Safety:**

- \* **All racecars must carry a working fire extinguisher, that is with reach of driver.**
  - \* **Aluminum racing seat only, connected to roll cage in original position.**
  - \* **All cars must have aircraft types seats belts and shoulder harness.**
  - \* **An approved drivers window screen required. It must be attached at top and bottom front by seat belt locking device on a 3/8" steel rod top and bottom or spring lock type allowed.**
  - \* **No aluminum interior boxing allowed.**
  - \* **Drivers fire retardant suits must be worn, and gloves are highly recommended. The following items are suggested to aid in your safety: goggles, racing shoes, fire retardant socks and undergarments.**
  - \* **Racing type helmets are MANDATORY – Must be DOT or SNELL approved.**
- \* **No antifreeze allowed.**

#### **11. Additions, read carefully!**

- \* **ANY PART WITH PART # OR CASTING # ALTERED WILL BE ILLEGAL!**
- \* **Weight may be added in best interest of competition.**

\* Absolutely no scanners or radios allowed.

\* **RACEIVERS ARE MANDATORY. - Can be found & Purchased at [www.raceceiver.com](http://www.raceceiver.com)**

**SPEEDWAY 51 ADMINISTRATION OFFICE**

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**STREET STOCKS:**

CAR #: \_\_\_\_\_ OWNER: \_\_\_\_\_

DRIVER: \_\_\_\_\_ YEAR: \_\_\_\_\_

ENGINE SIZE: \_\_\_\_\_

## 2019 Street Stock Transponder Mounting Location

The transponder must be mounted in compliance with the diagrams provided below. It must be mounted 110" from the most forward part of the front bumper to the center of the transponder. The transponder must be attached to the roll bar "X" in roll cage or a mounting bracket off the "X" to accomplish the 110" measurement. It must be at the lowest point possible and centered through a minimum 2" hole in the floor board. Transponder must be mounted in a direct horizontal plane (see diagram #2) to the ground with label side down and lights point towards the front or rear of the car.

Mounting brackets may vary depending on car make/model, but the distance from the forward most part of the front bumper to the center of the transponder must be 110" and bracket must be mounted off "X" in roll cage

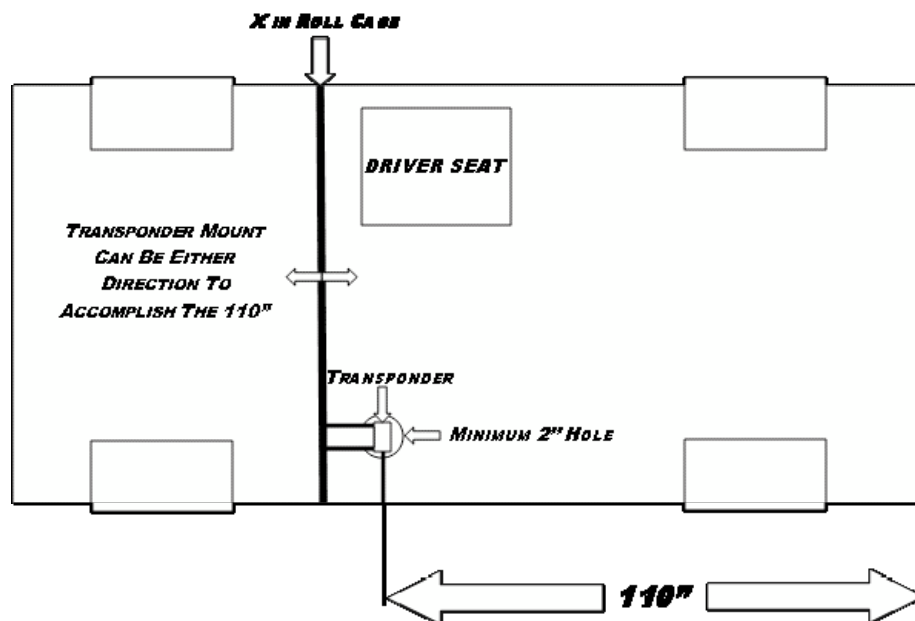
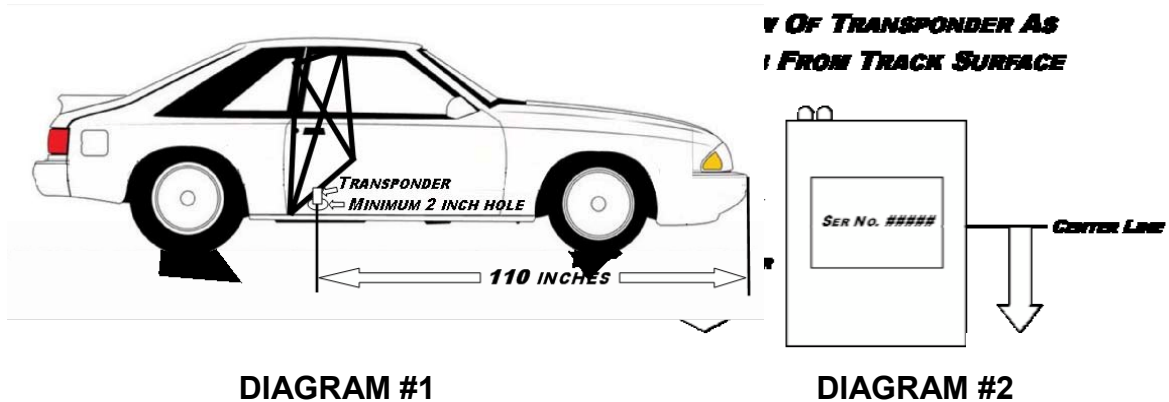
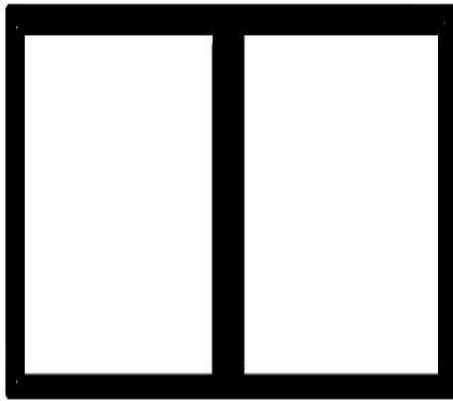


Diagram #3

# Fuel Cell Protector



side view



back view

## **EIRI 1/1/19**

**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 obtained, read, and understood a copy of the current rules, and complied with these rules. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION 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.**



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