

# Dunn Tire Raceway Park

## 2009 Street Stock Rules

**Any American made sedan is eligible. Minimum stock wheelbase is 108" inches.**

1. No bracing anywhere of any kind. **NO "X" or "Boxing"**.
2. All doors must be welded or bolted shut
3. All glass must be removed, except front windshield. Side windows must be removed.
4. The interior of the car must be completely stripped except for dashboard and front seat. Interior body panels may not be removed. Rear seat shelf and adequate fire wall mandatory.
5. The stock steel unaltered floor pan, firewalls, and wheel wells. Front inner fender wells can be removed. Rear wheel wells from the center line of wheel maybe removed.
6. No sectioning, channeling or chopping allowed. Rotted parts of Rocker panels may be replaced.
7. Cars must be strictly stock, no cutting, chopping, channeling, or shortening allowed. Hood and body sheet metal must be kept in place at all times. Stock hood and trunk latches must be removed and replaced with hood pins.
8. Any holes in firewall must be sealed.
9. No lightening of body components, doors, inner panels, fenders and roof, except clearance for roll bar installation. Hood and trunk may have the webbing removed but must be hinges.
10. Dashboard should remain in place. If removed, complete dash must be replaced by roll bar.
11. All interior and exterior sheet metal must be stock as manufactured for make and model of car.
12. All cars may have stock steering column. Removable steering wheel permitted subject to inspection by Tech. Cars may also use a ¾ steering shaft. Must have 2 universal in shaft or slip shaft.
13. All cars must weigh **3,400 pounds with driver**. No more than **51% left side weight with driver**.
14. One nerf bar per side allowed between front and rear wheels, maximum size 1 ½" x .120 wall. All edges must be rounded; mounted bolts must be counter sunk.
15. All ballast's must have minimum of **(2)** bolts to secure weight and must be bolted to frame or frame structure. **Car # must be legible on this ballast**. No weight inside driver's compartment.
16. After market tail and nose pieces allowed.
17. Stock appearing steel after market body panels allowed at Tech. Directors discretion.

## Miscellaneous

1. Batteries must be under the hood and securely strapped. No driver compartment or trunk mounting.
2. All cars must have complete windshield.
3. Headlights and taillights must be removed.
4. Stock core support must be in stock location.

## Roll Cage Installation

1. 6 point roll gage minimum required. Must have minimum of (3) bars on driver's side door and (2) bars on right side door.
2. The roll bar must be located directly behind the driver and reach as close as possible to the roof and left side of the car.
3. Driver compartment bracing must remain inside driver's compartment and may not dissect, bisect or pass thru the trunk. Roll bar braces from the main cage on right and left sides may go thru firewall to frame. (1) Bar per side. Roll bar installation is subject to inspection and will be closely monitored.

## Suspension

1. No modifying of the suspension allowed. MOUNTS MUST BE IN STOCK LOCATION.
2. Suspension parts must remain stock and unaltered for that make and model of the car. Left on Left and Right on Right. Offset upper control arm shafts maybe used. **No screw adjusters or chains may be used to alter stock suspension of the car.** No cutting, heating or altering of the springs to change weight distribution.
3. All 4 corners of the frame must be measured within 1 inch of level. Rusty bolt rule applies. No new replacement equipment allowed unless prior approval.
4. Front wheel left and right camber angle should remain within factory tolerance not to exceed 1 inch and measured across a 15 inch wheel.
5. **Approved shocks and springs as follows:**
  - a. **Shocks must be stock appearing, steel body, non adjustable, and mounted in stock location only.**
  - b. **Single "pig tail" springs are allowed.**
6. Minimum frame height is 7 inches.
7. Stock 4 wheel brakes are mandatory and must be operational. Brakes must be make and model for that car.
8. Stock appearing safety hub allowed.

## Wheels

1. Only Steel racing wheels allowed with only 2 inch back space which is measured from the back. Ford may use \_\_\_ inch back space.
2. 7 inch maximum width for all wheels. No plastic, aluminum or mag wheels allowed.
3. **No wheel spacers allowed.**
4. Tires. ???

## Engine

1. The engine must be strictly stock for that make and model and its original mounts.
2. Engine sizes: **GM – 350 plus 0.030.**

**Ford Windsor engines only – 351 plus 0.030**

**Chrysler- 360 plus 0.030**

3. Maximum Compression: **8.5 to 1.**
4. No high performance, S.V.O. or direct connection parts allowed.
5. No aluminum intakes or heads allowed.
6. Maximum lift 0.390 intake and 0.410 exhaust at valve. **Hydraulic lifters only.** No solid lifters or solid cams. All distributor advance components must be functioning to O.E.M. specifications. No special or rapid bleed down valve lifters allowed. Lifters must be able to be taken apart. No coil bind springs or spacers allowed in lifters to limit plunger travel.
7. No matching, grinding of any kind
8. No after market racing parts.
9. Stock appearing oil pan. Oil pan may have baffle.
10. Rocker arm locking nuts permitted. Stock rocker arm ratios only.
11. Screw In studs ARE permitted.
12. After market valve covers ARE permitted.
13. Solid motor mounts may be used. Must be direct bolt in mounts, bolting in stock location. Moroso part numbers 62515 & 62630. If there is a different Part number you may want to use check with TECH first.
14. No Aluminum water pumps. No aftermarket power steering pumps.
15. **ONLY STOCK** steel pulleys. V-belt or 5 grove belt

## **Carburetors (2 options)**

1. Stock O.E.M. 2 bbl carb and cast iron intake only. Maximum venturi sizes 1 3/8 “. No carb spacers.
  - a. Minimum 8” and Maximum 17” in diameter filter element. Minimum 1 ½ to Maximum of 4” dry paper type only.
  - b. Air filter top and bottom may be alum. Or steel. No air foil of flow devices in or built into top or bottom.
  - c. Installations subject to inspection by Tech. Director. Hood will NOT be bubbled or bowed up for air filter.
  
2. Stock unaltered or maximum of 350 CFM Holley 7448 Unaltered.
  - a. May use 1” maximum adapter to bolt carburetor to intake. 1.060” total with gaskets with out any allowance. The bottom of the air filter must be lower then the top of the carburetor choke horn.
  - b. Air filter top and bottom may be alum. Or steel. No air foil of flow devices in or built into top or bottom.
  - c. Minimum 8” and Maximum 17” in diameter filter element. Minimum 1 ½ to Maximum of 4” dry paper type only.
  - d.** Installations subject to inspection by Tech. Director. Hood will NOT be bubbled or bowed up for air filter

## **Radiator**

1. Aluminum radiator’s allowed. Only single pass radiators.
2. **NO anti freeze coolant allowed. Water only.**

## **Exhaust**

1. (2) separate straight pipes extended to exit behind the driver. Max 3”. Pipes must not touch.
  
2. Stock exhaust manifolds only. No high performance styles accepted. NO LT1

## **Transmission and Rear End**

1. Stock automatic 3 – speed transmission. Chevy **3.73 maximum gears.**  
Ford **3.90 maximum gears.**
2. **No locked, welded, or post traction rear ends.**

## **Gas Tank Installation**

1. Fuel Cells are mandatory.
2. Fuel cells must be mounted in center of the trunk. No offset permitted. The trunk floor is to be cut from frame rail back to the spring pockets to accommodate the fuel cell. Bottom of the cell must not be lower than the center of the rear axle. **Fuel cell must be securely strapped down with metal straps only.** Fuel cell must be located inside of the trunk. No holes allowed in trunk lid. (1) fuel cell only.
3. The fuel line must exit from the top or side of the fuel cell. No fuel lines in the driver's compartment. **No electric fuel pumps.**
4. A complete firewall must seal the trunk area from the driver's compartment.
5. Fuel cell must be secured with (4) over the top and (2) in each direction metal straps.
6. Installations subject to inspection by Tech. Director.

## **Front Hoops or Down Tubing**

1. Maximum of ( 2) bars only.
2. No connecting of the (2) bars.
3. Stock core support in stock location.

### **Rear Frame Rails**

1. Rotted or rusted out rails maybe replaces with 2x3 .120 wall steel tube. Stock spring pockets must stay in tacked. Repair subject to inspection by Tech. Director.

### **One Way Radio System is Mandatory**

All cars must be equipped with a 1 way radio or scanner to monitor the race director's instructions. Absolutely NO 2 way communication permitted, including but Not limited to: 2 way radios, cell phone, etc. Frequency is 150.815. It is the driver's responsibility to maintain the device and failure to do so may include a black flag during race conditions.

**\*\*\* If the rule book doesn't say you can you must assume you can't. Before doing anything NOT covered by this rule book please ask for an official interpretation by the Tech Director.**