

## Section 11

2008 Street Stock division  
Open to any American Made Car – 1960 or newer.  
Read Sections 1-11 first as they apply to this class  
Track Raceceiver Mandatory

In the event your car does not fit the rules, but you wish to compete, please contact **Black Rock Speedway** ahead of time so we may make a determination on your car before you arrive.

Engine cubic inch displacement and the car weight must be displayed on the hood & the side of the race car.

**ENGINE: V8-ONLY GM,FORD,CHRYSLER-Motor limits as follows:**

### 1. chassis

1960 or newer American manufacturer brand rear wheel drive passenger car. NO trucks, suv's, or jeeps.

Minimum wheelbase 107" with 1" tolerance.

Full frame cars can have rear frame from center of axle back replaced with 2x3 tubing.

Unibody cars can have the frame replaced with 2x3 tubing from 36" behind centerline of front wheels. 2x3 tubing must go over the rear end housing.

Front frame on all cars can be replaced forward of the steering box and idler arm only (front steer cars) with tubing.

### 2. SUSPENSION & STEERING

All suspension and steering components must be OEM and in stock mounting location.

Tie rod ends may be replaced with hiem joints.

Steering column may be replaced for safety.

Stock configuration steel aftermarket non-adjustable upper a-arms are allowed.

Steel body shocks front and rear. Stock or alternate locations allowed. One shock per wheel (NO ADJUSTABLE SHOCKS ALLOWED)

**No** weight "jack bolts" allowed, adjustable spring spacers allowed on front springs **ONLY**.

**No** pull bars, torque arms, pan hard bars or leaf/coil type suspensions.

**No** three link rear suspensions.

Suspension bushings can be replaced with solid type bushings(NO MONO BALL TYPE)

Stock front clip must remain – NO fully tubed front clips allowed.

### 3. BODY

Factory steel bodies may be gutted.

Roof and hood must be factory items or equivalent, subject to tech approval.  
steel or aluminum roofs must be a min thickness of .040.

Fiber glass roof and hood only allowed subject to tech approval.

NO spoiler allowed of any type.

Side body panels may be replaced with sheet metal or aluminum min .040.

Aftermarket front and rear bumper covers may be used. **NO** late model style down force noses allowed. On late model style bodies the rear section above bumper must be enclosed from the rear bumper mounts to the rear deck. (**NO** fiberglass).

Rear bumper must run the entire width of body and is required to be a min of 12” in height.

Any and all rub rails must be tight against the body and enclosed on both ends.

**No** sharp edges, open tube ends on bumpers or rub rails on outside of the body.

Front and rear bumpers may be replaced with tubing.

Cars must look clean and presentable: body damage on cars should be repaired promptly.

Max body width will be 82”

### 4. COOLING SYSTEM

One aluminum or copper/brass radiator must be located in front of engine.

Cast iron water pump only.

Electric fans allowed.

### 5. ENGINE

602 crate motor acceptable: must follow dirt motor rules.

**A \$25.00 weekly bonus payout to be paid to the top finishing car with the 602 motor.**

Maximum cubic inch. GM 350+ .070 overbore; Ford 351+ .070 over bore; Chrysler 360+ .040 overbore; GM 400 + .030 overbore; **No** stroker engine of any type.

Stock production blocks only.

1" pipe plug must welded in oil pan for viewing of rods and crank.

Stock cast iron production heads straight plug, **NO** after market or special order heads (exception: woodhull speedway heads described in home track rulebook are allowed: woodhull speedway rulebook reads, " non-performance world product stock replacement chevy heads allowed. Part #'s world 043600 or 043610")

**Heads continued:** **NO** hand grinding, sanding, blending, or de-burring where a cutter or stone or stone leaves off. The amount of metal you will be able to remove in the bowl areas on both intake and exhaust will be determined by the same method used by dirt inspectors. Method of checking will be as follows:

On the exhaust side the header will be removed and the inspector will place a tool in the port which will consist of a .531" diameter ball bearing welded to a shaft. With the valve fully open, the ball will be placed against the valve stem and moved to the full circle around the valve stem. If the ball drops down through the valve seat in any position around the full circle of the valve stem, **It will be deemed illegal.** On the intake side the intake will be removed and the same procedure will be done using a ball size of .787".  
NOTE : these methods of checking the head will hold true with a cold or hot engine.

**NO** race flow, cut down or none OEM valves allowed. OEM stock diameter valves only.

Steel or aluminum roller rockers allowed. Max ratio 1.6. All 16 rockers must be same ratio.

No none stud girdles or shaft rocker are setups.

Gasoline engines only---**NO** additives or alcohol motors.

Any flat tappet cam or hydraulic cam with functional lifters allowed.

Flat top pistons only.

**NO** piston may extend beyond the surface of block deck.

Stock unaltered crankshafts and connecting rods including stroke and rod length, Balancing and weight matching allowed.

Engine setback is limited to the #1 spark plug even with the upper ball joint.

Factory stock type distributors, points, HEI only. **NO** aftermarket electronics in distributor or of any kind.

### **CARBURETOR:**

Factory stock two barrel or box stock **unaltered** Holley 4412, and for the 4412 to be legal it must pass tech by track tools. Cars running a 400cu-in engine will run a 1 11/16 in restrictor plate.

NOTE track tools will not fit some Holleys, numbered 4412-S (may not pass tech)

Please take note that if the tools don't fit, it will **NOT** be legal.

Cast iron 2 barrel passenger type intake manifold, **No** marine or military type manifolds allowed. Aluminum intake allowed as follows:

-chevy: Weiland part #7547 & Edelbrock #5001 or #2101  
-ford: weiland part # 7515 & edelbrock #5021  
-chrysler Weiland part # 7545 & Edelbrock #5076  
-chrysler w-2 heads Weiland # 2920

**NOTE** Only two unaltered carb adaptors will be allowed: Part # BRP-377 & HV-301 or equivalent. With max thickness of 1 1/8" including gasket.

**NO** bevel radius or tapering to said item.

**ANY MODIFICATION TO ABOVE ITEMS WILL NOT BE LEGAL**

**NO** sideways mounted carburetors

Wet sump only.

No electric fuel pumps.

Cast iron unaltered exhaust manifolds or street type headers. Crossover headers allowed – **NO** interconnected headers will be allowed.

Exhaust must exit behind the driver.

## **6. TRANSMISSION:**

Factory stock automatic or standard transmissions only. All gears must work—**NO** direct drives allowed.

Forward and reverse must work with the engine running with foot on the brake.

Factory stock steel flywheel and factory stock steel pressure plate housing, one clutch disc only.

Stock size functional torque converter: must measure min 11-in O.D.

Steel drive shaft only painted white.

Drive shaft must have two hoops one no more than 6" from the front u-joint and one in the middle of drive shaft.

## **7. REAR SUSPENSION:**

Rear suspension coil cars must use OEM trailing arms, length and location with 1" tolerance and have rubber bushings. Springs must be located in stock location on the top of the rear end housing.

Factory stock rear ends only, Mounts must remain in stock location.

Ford 9" may be used, steel mini spools only with stock steel carrier, **NO** full spools.

Leaf springs allowed, Must be magnetic.

Floater allowed.

**NO** pull bars, torque arms, pan hard bars or leaf/coil type suspensions.

**NO** three link rear suspensions.

**NO** uniball suspension allowed in any location.

**NO** traction control devices.

**NO** quick change, posi, locker, gleason, or gold track rear ends.

#### **8. WHEELS & TIRES:**

Maximum 8" wide steel rims, any backspace, **NO** bead locks except on right rear only.

BRS spec tire as follows: acceptable tire will be Hoosier 36149 & 36155. there will be a two race grace period for this spec rule.

Must use at least ½ " lugs with 1" racing lug nuts.

Grooving, grinding and siping are allowed.

**NO** chemical treating

**NO** wide five Rims or hubs.

#### **9. BRAKES:**

Car must have four fully functional OEM style calipers and rotors. Balance bars are allowed with **NO** external or remote adjusters.

#### **10. FUEL SYSTEM:**

A foam filled fuel cell in a steel container is mandatory with a max capacity of 22 US gallons.

Fuel cell must be securely fastened in the truck area of the car.

Cell over flow must have a rollover valve either internal or external. A PVC valve is recommended externally. This will prevent tech from asking you to remove the foam from your cell for safety inspections.

#### **11. EXHAUST:**

Mufflers are mandatory and must past track meter reading of 95 decibels.

Crossover style headers are allowed, NON interconnected.

## 12. SAFETY:

Driver seat must be located in stock OEM position . Seat must be a minimum of 25" in front of the rear axle housing, measured to the rear bottom of the driver seat.

Gloves and neck brace are required.

**NO** fiberglass seats.

Five point racing safety harness is mandatory.

Head and neck restraints are recommended.

Holes through firewall should be kept to a minimum and sealed.

Window nets are mandatory.

**Battery:** (one 12 volt battery only) battery must be mounted in such a manner that it will not break free from its mounting location. It is recommended that it be mounted in a marine type battery box.

## 13. NOTES:

**Black Rock Speedway Tech** reserves the right to check and deem any car in competition illegal at Black Rock, regardless of home track.

Items not covered in these rules are at the discretion of Black Rock Speedway Tech Officials.

In the interest of fair competition we reserve the right to address any other competitive race car.

**NO** mirrors, two way radio or phone devices allowed. If any of these items are found in a car competing at Black Rock Speedway, That driver will lose all money for that evenings event as well as all points earned to date.

## 14. WEIGHT:

Minimum weight with driver after heat and feature is 3000 lbs. Cars with 400cu-in will be 3200 lbs.

**NO TOLERANCE.**

**TRACK SCALES WILL BE USED TO DETERMINE WEIGHT!**