

# 2010 Overlanders4x4 Drag Truck Rules & Tech Sheet

updated : January 13, 2010

Changes for 2010 (are green)- New Class added at bottom of page.

Date \_\_\_ / \_\_\_ / \_\_\_ Tech person \_\_\_\_\_ OK for Class \_\_ , \_\_ , \_\_ Truck # \_\_\_\_\_  
Driver Name \_\_\_\_\_ Signature \_\_\_\_\_ Phone \_\_\_\_\_  
Street address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Total Amount paid Cash / Check \_\_\_\_\_

**THE TECH CREW RESERVES THE RIGHT TO RECLASSIFY, RE-TECH, OR REMOVE ANY VEHICLE AT ANY TIME, FROM A CLASS, RACE, OR PREMISES. THE TECH CREW WILL INTERPRET ANY RULE OR CLASSIFICATION USING THE "SPIRIT" IN WHICH THE RULE WAS INTENDED. Any blatant disrespect**

**shown to the tech crew by racers, crew members, or fans will be cause for removal from the grounds and forfeiture of all admission and/or entry fees and winnings.**

Reaction time will break all ties

Any truck fitting a lower class can enter a higher class

Class 500 and up **MUST** have fire extinguisher

( Nitrous oxide, alcohol, fuel additive use allowed only in classes 700 & 800 )

Class 600 & below, nitrous oxide cannot be used, bottle must be removed, lines unhooked at plate

If you have factory aluminum head(s) and you want in a non aluminum head class, it must be approved by the tech crew

If Fuel injection came on the vehicle from the factory, and it is not an after market fuel system or modified, it is allowed in classes 600 and lower.

( Once your class has begun racing, NO computer aided tuning / adjustments are allowed to be made on vehicles running in that class. )

Any vehicle running 3.4 seconds or faster in a 200 foot DRAG, or 3.0 seconds or faster in a 180 foot DRAG, will be required to have roll over protection - Roll bar minimum of 1 1/2 inch OD tubing, minimum of .090 inch tubing wall thickness with an inspection hole. Roll bar must be secured to vehicle frame in at least 6 separate points.

**All trucks/drivers must have :**

**Seat belts**

**Helmet**

**No Loose Objects**

**Brakes on all 4 wheels, driveline brake OK in classes 700 & 800**

**Hitch points**

**Battery hold down**

**Tight steering**

**No drinking of Alcohol, no exceptions**

**Class 100 A Stock 4 cyl no mods**

**Class 100 B Mod 4 cyl**

**Class 100 C Stock 6 cyl no mods**

**Class 100 D Mod 6 cyl**

**Class 100 E 4 or 6 cyl - OPEN Class - anything goes as long as it's deemed safe  
by the tech crew**

**1 spot given for each letter**

### **Class 200 - Stock Class**

torque converter stall speed not over 1800, measured in low range

blocks must have factory markings such as GM , FORD, etc

No mod 4 or 6 in class 200, Any stock 4 wheel drive vehicle

No short wheel base or ½ ton with big block

Engine, body and drive train must be same make and model

Bed must be able to hold 300 pounds at any point

tires must be unmodified, DOT approved

max 650 cfm vacuum secondaries carburetor, no double pumpers, no modifications to carb

2 inch spacer or adapter allowed

must be naturally aspirated , no turbochargers, blowers, superchargers, etc.

Removal of removable tops and tailgates ok

No traction devices

Lift allowed

No headers, exhaust must extend a minimum of 6 inches past cab

muffler required, maximum of 2 ½" inch diameter exhaust

Steady minimum of 17 inches vacuum at 800 RPM

If Fuel injection came on the vehicle from the factory, and it is not an after market fuel system or modified, it is allowed.

( Stock Ignition only )

2009 Rules change says;

You may have one modification out of three choices:

1. Headers
2. Aluminum Intake
3. Vacuum

(If you meet all other requirements, then you may pull a variance within 2 inches of the limit.)

(The tech crew will make the final decision.)

### **Class 300 - ( Altered Street )**

no aluminum blocks, Blocks must have factory markings GM, Ford, etc .

tires must be DOT approved, no cut tires, max 44" diameter

No Gutting

Full body functional bed, Bed must support 300 pounds at any point

Steady minimum of 15 inches vacuum at 1000 RPM

No aluminum or after market heads

Engine, Body, and drive train must be same make

No V8 in Mid size - S10 , Ranger , etc unless factory option

No stall over 2500 rpm, no trans brakes

No cfm size restriction for carburetor,

carb must have factory numbers,no modifications to carburetor

No 4500 series carbs

must be naturally aspirated , no turbochargers, blowers, superchargers, etc.

Open Headers allowed

Aluminum Intake ok

**( BOLT-ON traction assist devices are allowed, NO welding is permitted to mount traction assist device to vehicle (BOLT-ON ONLY) )**

**( stock suspension must remain )**

All components in place and the capable of being used - Lights, wiper, heater core, etc.

Metal bumpers required

Removal of removable tops and tail gates ok

Fuel Cell Allowed

battery and radiator must remain in stock location

**( #1 spark plug inline with or in front of centerline of front axle )**

**( Minimum wheelbase of 104 inches )**

If Fuel injection came on the vehicle from the factory, and it is not an after market fuel system or modified, it is allowed.

### **Class 400 - Super Street**

full size truck only class, no gutting

No V-8 in mid size - Ranger , S10 , jeep, Etc.

tires must be DOT approved, no cut tires, max 44" diameter

Beds must hold 300 pounds at any point

No after market aluminum heads

Any iron head is allowed

Factory trans and transfer cases

Single carb, stock configuration, no stretching

No sheet metal intake, aluminum intake ok

must be naturally aspirated , no turbochargers, blowers, superchargers, etc.

no aluminum blocks, Blocks must have factory markings GM, Ford, etc.

Open headers OK

All working windows

Any removable top or tail gate is allowed to be removed

Must have lights, wipers, full dash

#1 spark plug inline with or in front of centerline of front axle

Ok to remove heater core and carpets

Trans brake OK

Ladder bars OK, Axle must bolt to spring, - no Sliders

Minimum of 3 working leaf springs in rear

If Fuel injection came on the vehicle from the factory, and it is not an after market fuel system or modified, it is allowed.

### **Class 500 - ( Modified Street )**

No aluminum blocks

Any Dot approved, uncut tire

Minimal Gutting of metal allowed

Must have some type of full front window

Must have a full dash of any kind

No race weight fiberglass

Removal of carpets, head liner ok

Minimum of functional flat bed

No Hemi Heads, Aluminum heads allowed

No sheetmetal intakes

Factory style trans and transfer case only

Conventional style Single carb

must be naturally aspirated , no turbochargers, blowers, superchargers, etc.

No bumpers or heater core are required

Harmonic Balancer inline or in front of front axle

Traction assist devices are allowed

factory style springs must hold vehicle up, no 4 link

Relocation of battery and/or fuel cell ok  
Body swap allowed, wheel base must match body  
Cab and Driver in stock location and ok'd by tech crew  
Trimming of the Factory Firewall for engine clearance is allowed  
If Fuel injection came on the vehicle from the factory, and it is not an after market fuel system or modified, it is allowed.

### **Class 600 - ( Pro Stock )**

This is a Timed class  
No aluminum blocks  
Tires must be Dot approved, uncut  
Cutting permitted  
Maintain truck appearance  
Driver must be in front of the rear axle and on the left side of the vehicle  
Factory style transmission  
Engine in front of firewall  
NO hemi heads  
harmonic balancer max 10 inches back from the front axle  
Rollbar required, minimum 1 1/2" OD tubing, ( minimum .090 inch tubing wall thickness ) with inspection hole  
roll bar must be secured to vehicle in at least 6 separate points  
Must have kill switch  
Multiple carbs are allowed  
must be naturally aspirated , no turbochargers, blowers, superchargers, etc.  
Any suspension is permitted  
( Frame must include a minimum of 30 inch section of stock main frame rails with remainder of rails to be square or rectangular tube. Minimum of 3 inch tall. No round tube main frame rails )  
If Fuel injection came on the vehicle from the factory, and it is not an after market fuel system or modified, it is allowed.

### **Class 700 - Super Modified**

No Blowers  
No scoop tires  
Rollbar required, minimum 1 1/2 " OD tubing, (minimum .090 inch tubing wall thickness ) with inspection hole  
roll bar must be secured to vehicle in at least 6 separate points  
Must have Kill switch  
any fuel injection system is allowed in classes 700 and 800

### **Class 800 - Open**

Rollbar required, minimum 1 1/2 " OD tubing, ( minimum .090 inch tubing wall thickness ) with inspection hole  
roll bar must be secured to vehicle in at least 6 separate points  
must have Kill switch  
any fuel injection system is allowed in classes 700 and 800

### **Class 900 - Female's Only**

No vehicle over class ( 400 ) allowed  
Spots given for each class difference  
Co-Pilot OK