

Great Lakes Big Rig Challenge

Rules

Updated 1/5/2019

***RESPECT TOWARD OFFICIALS AND VOLUNTEERS**

Any disrespectful behavior or comments toward any official or volunteer result in disqualification

***ALCOHOL & DRUGS**

Consumption of drugs and alcohol won't be tolerated and will result in disqualification of the racer and truck. Racers are subject to a breathalyzer at any time during racing.

***TRUCK SPECS FOR RACES**

- Minimum Weight 15,000 pounds
- Heavy truck chassis, 3 axles (1 front, 2 rear) all equipped with brakes and touching the ground.
- Class 8 from manufacturer

***TRUCK INSPECTION BY THE TRACK OFFICIALS**

- The inspection is mandatory before races and is left entirely to the official's discretion from the track.
- Anyone refusing inspection will result in disqualification of the truck and driver

***NUMBER OF PERSONS IN THE TRUCK**

For security reasons only 2 persons allowed in the front cab of the truck

***TRACK TRIAL**

All trucks will get at least one practice run on Friday

***PIT MEETING**

Racer's presence at the pit meeting is mandatory. .

***INSPECTION OF THE CLASS WINNING TRUCK**

The winning truck has to go to the designated inspection area, to be checked by the officials and the mechanics from the track. It is the racer's responsibility to present themselves to the inspection area or to an official.

***REPAIR TIME**

30 minutes per day is allowed to repair your truck. That time starts when you are called to line up for the track. In the case the driver forfeits, he keeps his 30 minutes for repair. You can not transfer your 30 minute repair to the next day.

If the racer wants to keep his 30 mins for the day, he needs to declare forfeit as soon as he's called.

In the finals, the allowed time for repair is 15 minutes.

***CHANGING OF LANES**

In the finals, switching lanes is mandatory.

***AUTOMATIC TRANSMISSION**

In the A and B class no automatic transmission will be allowed.

***TRUCK'S IDENTIFICATION**

Every truck has to have its racing number in the right of the windshield.

***TRUCK VERIFICATION**

- A track designated mechanic will proceed with verification; he can also be accompanied by a track official. - Besides the official, only the driver or his mechanic or the owner of the truck can be present during verification. - Time of verification will be between 8 am and 10 am for B class, the presence of the driver or his mechanic is mandatory during inspection. - An inspection of any class at any time can be asked.

PROTECTION SYSTEM

For A and B class a protection system has to be installed. -belt conveyor or steel plate, safety loop for the drive shaft attached to the truck's frame. This protection starts from the back of the engine or clutch housing up to the minimum of the first axle. - Fuel tanks should also be protected. - Even if all of the above is not mandatory for the C class, safety loops are highly recommended.

VERIFICATION PROCEDURE

- The racer or his mechanic will open his hood to allow the official or the mechanic from the track to inspect that the motor and the system of the truck are according to the rules. - If the racer doesn't have a mechanic, it is his responsibility to find one if there is work to be done which will be instructed by the officials. - If there is something to take apart for verification, it is the racer or his mechanic's responsibility to do so. - Any faulty trucks will have to be corrected before it will be allowed to race

OFFICIAL RULES FOR THE "A" CLASS

Updated 1/4/2019-Super Chargers/Blowers allowed with single or twin turbocharger

1. An official diesel manufactured motor can't exceed 19 Liters
2. Maximum 8 cylinders
3. Maximum of 2 turbos
4. Maximum 1 injector per cylinder
5. Completely secure vehicle only
6. Fire extinguisher minimum of 10lbs
7. No injection other than 100% water is allowed
 - a. Water samples will be randomly taken by the mechanics supplied by the tack
8. No Leaks of any kind will be tolerated
9. Air shut off is mandatory

OFFICIAL RULES OF THE "B" CLASS

Updated 1/5/2019-Common Rail and stock configuration allowed

1. Original air intake system from manufacturer is mandatory, no modified or added air intake system allowing air to be taken from the front of the truck will be accepted.
2. Original fuel system only, mechanical release is authorized.
3. Only one turbo that will not exceed 81mm inducer and 115 mm exducer on the compressor wheel. No regulation exhaust wise. Compressor wheel will be measured by a caliper. No surge groove, smooth board. No shaving wheel, smooth line from 81mm-115mm.
4. When a seal will be install by the official, he will keep a registry of the seal matching the truck number.
5. Maximum 6 cylinder in line, only 1 injector per cylinder.
6. Maximum engine of 16 litter or V8.
7. Manufacturer stock appearance of engine and body shall remain the same.
8. It is allowed to add one fuel lift pump (Mechanical, hydraulic or electric)
9. No visible modified parts from none original will be tolerated
10. A safe vehicle only
11. Only 1 ECM attached to the engine, no ECM in the cab, only 1 pittsburg box or its equal.
12. Only one free air cooler (no fan) is permitted, no ice, the fuel cooler can't exceed 14 inch and a quarter in length x 6 inch high x 1 inch and a half thickness, ex (cupper transmission cooler style)
13. Engine manufactured original ECM-ECU
14. Fire extinguisher minimum 10 lbs.
15. No common rail.

16. No injection of any kind will be tolerated ex: water, windshield washer, nitrous etc. all are forbidden

17. Engine radiator electric fan is permitted.

18. Caterpillar Acer twin turbo engine is permitted. The competitor will have to supply to the official mechanic from the federation the original spec matching the serial number of the engine, # of liters, ECM, turbos, injectors etc.

19. No laptop is permitted inside

The first 5 winners of both categories BOBTAIL and loaded will have to be inspected right after the race, it is the competitor's responsibility to go find a mechanic or official from the track, to get an inspection.

OFFICIAL RULES FOR THE "C" CLASS

1. Smoke will not be tolerated.

2. Original turbo.
3. Maximum of 2400 RPM
4. Double elimination.
5. Fire extinguisher minimum 10 lbs.
6. A secure vehicle.
7. In case of a doubt, the truck will be inspected and will be disqualified if it's not in a proper shape
8. No electric add on of any kind, pittsburg and or resistance etc.
9. No injection of any kind will be tolerated, (water, windshield washer, nitrous etc.)
10. No laptop is permitted inside.

***EVENT RULES**

Registration Fees (See Official Registration Form)

2 weekend admission passes given per registered Category (for Example: @ free passes for Bobtail & 2 free passes for loaded)

1 free camping site per registered truck

*Payout Breakdown

Minimum \$30,000 breakdown to be determined by driver registration

RACING LIGHT SYSTEM

-Each driver is allowed 2 Red lights per category per day

-In the finals every racer is allowed one red light before being disqualified