

B.C.S.S.M.A. H.S. TECH BULLETIN:

To avoid future confusion and possible rejection from competing, the Tech Department(s) requests that the instructors/sponsors of High School Race Teams pass the following information along.

TO AVOID DISAPPOINTMENT AND/OR FRUSTRATION

IN YOUR RACING ENDEAVORS...

- Vehicles should arrive at the racetrack Tech area fully prepared to race.
- Have your club/team purchase a CURRENT year NHRA rulebook - these are available from your local speed shop or the track souvenir booth.
- Please have your vehicle inspected by your Autoshop/Sponsor teacher before bringing it out to the track...be prepared to demonstrate that all safety requirements are being met.
- Fill out your Tech Card COMPLETELY and CORRECTLY BEFORE you bring your vehicle to the Tech Inspection area.

TOP TWELVE MOST COMMON PROBLEMS FOUND ON H.S. RACE VEHICLES:

1. Hubcaps/Wheel covers must be removed...inspectors will check for incorrect, loose or missing lug nuts, cracked wheels, worn or oversized lug holes. **Wheel studs must be threaded into HEX PORTION of lug nut at least the distance of the diameter of the stud.**
2. Batteries must be securely mounted, stock or metal hold-down straps/bolts, with a minimum of 3/8" diameter.
3. Fuel lines - a maximum of 12" total of rubber fuel line/hose permitted (This refers to the complete fuel system from the tank to the carb(s). Plastic and/or glass filters are prohibited.
4. Automatic transmissions must be equipped with a functional NEUTRAL SAFETY SWITCH.
5. Firewall(s) - must be completely sealed between engine and driver's compartment. Rear firewall is required, also completely sealed, if fuel tank and/or battery are relocated to inside of trunk.
6. Aggressive treaded tires are prohibited - i.e.: Snow tires, All-terrain, etc. Tires must be of legal tread depth and in good shape (No cracks, cuts or abnormal wear pattern).
7. Crankshaft centreline must not exceed 24" from ground, "except for OEM trucks where centreline must not exceed 36" from ground.
8. Cooling Systems- a coolant overflow container having a minimum of 16oz capacity. **NOTE:** Antifreeze is prohibited at Mission Raceway except for 1995 and newer vehicles factory equipped with CLOSED COOLING SYSTEMS.
9. Windows and windshields must be clear, free of cracks, **NON-TINTED** (except for OEM tinted safety class). Windows must be closed during races...they need not be operable. Decals are permitted on rear quarter and rear window only.

10. A drive shaft loop is required on all cars running 13.99 seconds or quicker, except cars equipped with street tires running 13.00 seconds or slower.
11. Oil pressure gauge line must be either metal or steel braided – Plastic lines are prohibited.
12. A positive-acting throttle return spring must be directly secured to the carburetor throttle arm and engine to prevent throttle from sticking in an open position.

DRIVERS: Helmet meeting SNELL rating: K-98, M or SA , 90, 95, or 2000 or SFI Spec 31.1, 31.2, 41.1 or 41.2 mandatory in all high school cars (Must have specification decal secured inside of helmet and in good condition without cracks or chips). Please note: DOT approved helmets DO NOT meet SNELL or NHRA specifications. Shoes are mandatory. Shorts, tank tops, bare torsos or bare legs are not acceptable.

PASSENGERS: No more than one passenger permitted in 14.00 second and slower ET cars; Passengers must be a minimum of 16 years of age and must wear an NHRA approved helmet. **Passengers are NOT allowed in Eliminations.**

VEHICLE APPEARANCE: Vehicles participating in drag racing events must be presentable in appearance at all times; those vehicles considered improperly prepared may be rejected by the Tech Department.

B.C.S.S.M.A. HIGH SCHOOL CLASS:

Minimum E.T. (Elapsed Time) is 12.2 seconds in ¼ mile. Disqualification and Penalties are imposed on breaking this rule. See BCSSMA Rules and Race Procedures for more information.

PROHIBITED EQUIPMENT:

PERMITTED EQUIPMENT:

- | | |
|--------------------------|---------------------------|
| ○ Nitrous Oxide | Playback Tach |
| ○ Transbrakes | Single Rev Limiter |
| ○ Delay Boxes | Non-Drive Wheel Line Lock |
| ○ Throttle Stops | |
| ○ Automated Shifters | |
| ○ 2 and 3 Step Ignitions | |
| ○ Drive Wheel Line Lock | |

Note: Leaking oil/coolant etc. from the vehicle prohibited.

If you have any questions feel free to contact your local Racetrack's Technical Department or you can contact the President (Chris Williams) at:
Sardis Secondary School Ph. 604- Fax. 604-
Or E-mail: tech@highschooldrag racing.org
Enjoy the upcoming race season!

B.C.S.S.M.A. H.S. Rules and Race Procedures: 2002

The High School class is intended as an "entry" level to NHRA (National Hot Rod Association) sanctioned competition, and thus the rules have been kept simple. The BCSSMA (British Columbia Secondary School Association) wants to encourage all students to participate, regardless of car type or finances, on a equal footing. The BCSSMA is a group of B.C. Teachers dedicated towards promoting safety and career awareness through student involvement in motorsport competition. All NHRA Rules apply (See the NHRA rulebook). The FOLLOWING rules are in addition to the NHRA rules.

Participation:

- Since this is a High School related activity, all Sponsor Teachers and students must abide by their School District's rules and requirements for field trips.
- Schools must have School Board District Approval (written) and an original submitted to the BCSSMA president.
- Schools must be BCSSMA members in good standing to participate.

Driver Requirements:

- Must be a licensed driver in the province (class 5 or 7) or state in which they live.
- 19 or under at the start of the racing season (September)
- Registered full-time student in a recognized secondary program (public or private High School)
- Must wear an NHRA approved helmet
- Must wear pants, shoes and a T-shirt (No tank tops)
- Must have a BCSSMA driver's card for the current race season (Received from Sponsor Teacher with appropriate permission forms completed)
- Drivers must have available at each race their BCSSMA driver's card and their Motor Vehicle driver's license.

Vehicle Requirements:

- Must pass an NHRA safety inspection.
- Minimum E.T. (Elapsed Time) is 12 seconds in ¼ mile.
- Nitrous Oxide Prohibited
- No electronic starting aids: Throttle Stops, Delay Boxes, Transbrakes, Automated Shifters and 2 or 3 Step Ignitions.
- Drive Wheel Line Lock Prohibited
- Motorcycles are not eligible for High School Class.
- Driver number must be displayed clearly on the front and side windows of the vehicle (min. 6" high).
- A maximum of 3 students may drive the same vehicle for time trials or time only runs.
- During eliminations, only ONE driver is allowed per vehicle.

Passenger Requirements:

- Must be a minimum of 16 years of age.
- Must wear an NHRA approved helmet.
- Must wear pants, shoes and a T-shirt (No tank tops).
- No more than one passenger permitted in 14.00 second and slower ET cars.
- Must complete the same permission and waiver forms as the Drivers.
- Passengers are NOT allowed in Eliminations.

It is the BCSSMA's intention that the BCSSMA rules will help to control vehicle construction costs while at the same time insuring that all of the students are competing on an "equal" footing. Any student wanting to use a vehicle equipped with prohibited equipment, must render it inoperative to the satisfaction of the NHRA Technical Inspectors present if they desire to compete in the High School class. Or they may, with the encouragement of the BCSSMA, compete in the appropriate NHRA adult class. The rules for the High School class in B.C. (NHRA tracks) may differ from other NHRA sanctioned tracks in Canada and the USA.

THE 12 SECOND RULE:

This rule states that **NO** vehicle participating in the High School class may go faster than 12.000 seconds (Elapsed Time) in the ¼ mile. This rule has been added to put a limit on the speed and Elapsed Time at which High School students race.

BREAKING THE 12 SECOND RULE:

First Offence:

- Verbal and/or written warning from a track official and/or designated BCSSMA Executive member.
- Automatic loss, if in Eliminations.

Second Offence:

- The vehicle is eliminated for the remainder of the day.
- **BEFORE** the vehicle is allowed to be driven by a student or participate in another High School race, the vehicle must be altered to prevent further infractions of the 12.000-second rule (alterations are subject to certification by an NHRA Tech. Inspector). The vehicle must also be tested by the **SPONSOR Teacher** (at the track where the 12 second rule was broken) to ensure that the vehicle can run consistently slower than 12.000 seconds. To verify this, the sponsor teacher must present the time slips from 3 consecutive passes to the President or Vice-President of the BCSSMA.

Third Offence:

- The vehicle is suspended immediately from the next 4 scheduled races and subject to the requirements of the second offence.

Fourth Offence:

- Permanent suspension of the vehicle. The Sponsor Teacher can appeal this permanent suspension.

APPEAL PROCEDURE:

- Appeals for any infractions must be submitted in writing by the Sponsor Teacher and forwarded to the President of the BCSSMA.
- The Sponsor Teacher must then present the appeal in person to the Appeal Committee.
- The Appeal Committee will comprise of:
 - One Track Representative.
 - Three designated BCSSMA Executive members.
 - One NHRA Tech. Inspector.