

To avoid future confusion and possible rejection from competing, the Tech Department(s) request 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 race track Tech area fully prepared to race.
- Have your club/team purchase a CURRENT year NHRA / IHRA rulebook - these are available from your local speed shop or the track souvenir booth (Also online).
- 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 centerline must not exceed 24" from ground, "except for OEM trucks where centerline 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 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: M or SA Rated - 2005, or 2010 or SFI Spec 31.1A, 31.2A, 41.1A or 41.2A mandatory in all high school cars (Must have specification decal secured inside of helmet). Please note: DOT approved helmets DO NOT meet SNELL or NHRA specifications. Must wear full-length pants, shoes, socks and a T-shirt (No tank tops). Nylon or Nylon-type clothing and open-toe shoes prohibited.

**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. Must wear full-length pants, shoes, socks and a T-shirt (No tank tops). Nylon or Nylon-type clothing and open-toe shoes prohibited. **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 seconds in ¼ mile.*** Disqualification and Penalties are imposed on breaking this rule. See BCSSMA Rules and Race Procedures for more information.

#### **PROHIBITED EQUIPMENT:**

- Nitrous Oxide
- Transbrakes
- Delay Boxes
- Throttle Stops
- Automated Shifters
- 2 and 3 Step Ignitions
- Drive Wheel Line Lock

#### **PERMITTED EQUIPMENT:**

Playback Tach  
Single Rev Limiter  
Non-Drive Wheel Line Lock

**Note:** Leaking oil/coolant etc. from the vehicle prohibited.  
Helmets must be in good condition without cracks and chips

If you have any questions feel free to contact your local Racetrack's Technical Department or you can contact the BCSSMA Tech Dept. at: [tech@highschooldragracing.org](mailto:tech@highschooldragracing.org)

Enjoy the upcoming race season!