

Section 12 - Mini Modifieds

- 12.1 **Driver eligibility:** Must be at least 14 years of age with a NASCAR License.
- 12.2 **Eligible Cars**
 - 12.2.1 Rear wheel drive modified chassis specifically built for 4 cylinder engine. (mini mod)
 - 12.2.2 4 wheel drive, all wheel drive, front wheel drive, not approved.
 - 12.2.3 Mid or rear engine cars not approved.
- 12.3 **Minimum Safety Equipment**
 - 12.3.1 All cars must comply with Minimum Safety requirements in Section 3.
- 12.4 **Car Specifications**
 - 12.4.1 *FRAME*
 - 12.4.1.1 Frame & Chassis construction optional, subject to track approval.
 - 12.4.2 *BODY*
 - 12.4.2.1 All panels will be aluminum or steel. Must be complete (Hood, quarters, roof, deck lid)
 - 12.4.2.2 Nose, hood and tail section may be plastic or fiberglass.
 - 12.4.2.3 Doors will be skins if OEM should be skinned. **DOOR PLATING HIGHLY RECOMMENDED.**
 - 12.4.2.4 All fender wells should be cut or removed.
 - 12.4.2.5 Any truck appearing body will have a bed cover
 - 12.4.2.6 All front and rear deck lids will be secured with hood pins only
 - 12.4.2.7 Front and rear firewalls will be complete and sealed
 - 12.4.2.8 Floor pan shall be complete. If passenger floor pan is removed, drivers' compartment shall be enclosed vertically on all four sides.
 - 12.4.2.9 No glass permitted, Lexan windshields ok.
 - 12.4.2.10 No plastic, trim, lights or markers may remain on any OEM style bodies.
 - 12.4.2.11 Nerf bars are required and may not extend past the tires.
 - 12.4.2.12 Front and rear bumpers are required and shall not exceed the width of the body.
 - 12.4.2.13 Bumper ends shall be strapped with 3" x 1/8" plate regardless of exposed or covered.
 - 12.4.2.14 Bumper construction from 1.5" x .095 tubing highly recommended. Bumpers may not have more than 2 horizontal bars. No sharp or blunt ends allowed.
 - 12.4.2.15 **FRONT BUMPER WIDTH NOT TO EXCEED 42".** All bumper fabrication subject to track approval.
- 12.5 **Engine Specifications**
 - 12.5.1 Will be inline, single camshaft, 4 cylinder engine only.
 - 12.5.2 No purpose-built race engines allowed, OEM base only (no Cosworth or Indy type)
 - 12.5.3 2500cc maximum displacement
 - 12.5.4 Camshaft optional
 - 12.5.5 Turbos, superchargers, Nitrous Oxide or other power adders un-approved.
 - 12.5.6 Connecting rods must be ferrous metal.
 - 12.5.7 Wet Sump oiling systems only.
 - 12.5.8 Any car with an electric fuel pump will be equipped with an oil pressure safety shut off.
 - 12.5.9 Magneto or crank fire ignitions are not approved.
 - 12.5.10 Exhaust must exit behind the driver in front of rear axel and shall have a muffler.
 - 12.5.11 All exhaust shall be on the out side of the driver firewall.
- 12.6 **Fuel Delivery**
 - 12.6.1 One two barrel down draft carburetor only. Maximum 501cfm.
 - 12.6.2 Two throttle return springs required.
 - 12.6.3 Air cleaner required

12.6.4 E85 or race fuels approved. Methanol and/or Alcohol not approved.

12.6.5 **ELECTRIC FUEL PUMP**

12.6.5.1 if used, shall be wired to shut off at the master kill switch.

12.6.5.2 Any car with an electric fuel pump will be equipped with an oil pressure safety shut off.

12.6.5.3 If pump is mounted in rear area of car it must be protected by a skid plate.

12.7 **Suspension**

12.7.1 Weight Jacks approved.

12.7.2 Shocks optional, coilovers approved.

12.7.3 Maximum 4 shocks, \$100 claim per shock.

12.7.4 Sway bar mounting optional.

12.7.5 Any non adjustable Upper control arms are approved.

12.7.6 Lower control arms will be stock OEM. Any after-market lowers may be penalized by weight if deemed needed.

12.8 **Transmission / Drive Train**

12.8.1 Quick change rear end is not approved.

12.8.2 Automatic Transmission with working oem converter and Scatter Shield or Blanket.

12.8.3 Manual Transmission will use stock oem disc clutches only with a steel flywheel

12.8.4 Bell housing will have a 1" inspection hole to check flywheel.

12.8.5 2 driveshaft safety loops will be in place at all times (min 2"x 3/16" strap) rear hoop will be full circumference.

12.8.6 Driveshaft will be painted white.

12.9 **Weight**

12.9.1 Car will be 2250 with driver, post feature and/or post qualifying.

12.9.2 All ballast will be minimum 5lb blocks, securely fastened and will be painted white.

12.10 **Cooling System**

12.10.1 Radiator will be located within the engine bay and have 1 gallon overflow container.

12.10.2 All fans shall will be shrouded on 3 sides minimum. Electric fans approved.

12.11 **Brakes** – Three working brakes are mandatory.

12.12 **Battery & Electrical**

12.12.1 Battery shall be located behind the rear firewall and be securely fastened.

12.13 **Tires**

12.13.1 Used 970 Hoosier tire is the recommended tire. Any other tire approved will be used and treaded.