

### 3.15.3 TOP ALCOHOL ALTERED - TA/A

#### Screw Supercharged Vehicles

Minimum Weight:	771.10 kg (1700 lbs) including Driver.
Weight Break:	107.95 kg/litre (3.90 lbs/cube).
Rotor Diameter:	Maximum 215.9 mm (8.5 inches).
Overdrive Limit:	125%.
Rotor Diameter:	Greater than 215.9 mm (8.5 inches).
Overdrive Limit:	Maximum 60%.

#### Rootes Supercharged Vehicles

Minimum Weight:	771.10 kg (1700 lbs) including Driver.
Weight Break:	107.95 kg/litre (3.90 lbs/cube).
Rotor Length:	Maximum 508 mm (20 inches).
Case Width:	Maximum 286 mm (11.25 inches).
Overdrive:	Maximum 70%.

#### All Top Alcohol Classes - Class Regulations;

**Clutch:** The use of two-stage clutch systems incorporating a lock-up function is permitted where a maximum of six pressure plate fingers are used with no more than two finger heights. Activation may be applied manually by switch or air button by the driver or by the use of a pre-set timer (electronic or pneumatic) connected by a switch from the clutch pedal, throttle pedal or gear shift. The lock-up mechanism must be a visible externally mounted pneumatic servo or "rat-trap" system which engages the second stage by releasing the clutch pedal to its fully engaged position in one immediate action. The use of any other form of switching is not permitted and activation of the clutch system must otherwise be by the driver's foot. All pneumatic lines and fittings must be a minimum orifice size of .060 inch (1.5 mm). The use of computer assisted (reactive) activation in any way is considered employment of a reactive traction system and as such is prohibited. Refer Drivetrain, Clutch.

**Ignition:** All Top Alcohol vehicles must have the ability to record ignition timing data during a run and all recorded information on the device may be viewed, and/or downloaded, by ANDRA Officials at any time at their discretion. The use of any programmable multi-point rev limiter and/or a rate of acceleration rpm limiter, either by themselves or integrated into the ignition system are prohibited.

**Transmission:** Aftermarket or production automobile transmissions of any year, make, model or ratio are permitted. Operative reverse gear is required. Transmission must remain in conventional location determined by engine used. Automated shifting devices are prohibited. All shifts must be a direct function of the driver. Refer Drivetrain.

**Staging Devices:** The use of automated RPM control devices (i.e. Two Step) during launching and staging process, unless they have a fully automatic transmission with a converter, is prohibited from use in Top Alcohol Eliminator.

**Engine:** Maximum permitted bore spacing is 4.900 inches.

**Helmet:** Environmental 'Air Breathing' helmet systems permitted. Refer Driver and Rider Protection, Helmets.

**Wheelie Bar:** Must be functional. Steel and titanium wheelie bars permitted, carbon fiber prohibited. Wheels must be non-metallic. Pressure sensors and parachute net attachment permitted.

**Licence Requirements:** Endorsed GOL as a minimum. Refer ANDRA Racing Credentials, Group One Licence (GOL).

**Technical Inspection:** Required.