



## CAPE HELLDRIERS JNR DEVELOPMENTS B CLASS RULES

The general rule of what is not specifically allowed is not permitted applies.  
Minimum 8 years old as starter and oldest 18 years of age.

### CAR CONSTRUCTION:

Only a mini 1960 & 1985 standard form or Uno 1100 body may be used in its standard form.  
Fibreglass bonnet and boot lid is optional.  
Fibreglas skin over the rest of the body except the roof is allowed for cosmetic reasons only, but panels to stay intact and not to be lightened.  
All body parts to remain standard and only the doors may be cut on the side to fit the sissy bars.  
All doors to remain standard operational. Flap type opening on both side are permitted.  
Wheels must be covered by body panels.  
Radiators shall be mounted within the engine compartment of vehicles.  
No onboard radiator spraying equipment is permitted.  
Radiators – 2x mini heater radiators allowed.  
Aftermarket radiators can be used with original fan.  
Electric fans are allowed.

### ROLL CAGE AND FRAME:

Roll cage refer to WOMZA tar construction regulations.  
Full roll cage to be fitted, may support rear and front strut tower, but no further than rear strut tower.  
Sissy bars and external bumper are compulsory.  
Bumpers will be for protection purposes of young drivers only.  
Bumpers to be mounted to roll cage with 10 degrees 'weakening bend" 200mm from bumpers.  
Bumper thickness 38 x 2mm. Only 4 mounting points are allowed.  
All cars need to adhere to safety regulations. If not, car will not be allowed to race. No exceptions.

### BRAKES:

Effective braking is mandatory on all 4 wheels. No brake bias is allowed.

### DIMENSIONS AND WEIGHTS:

Minimum weight on **MINI** 650kg including driver  
Minimum weights on **UNO** 750kg including driver

### ENGINE:

#### Mini engines are open with the following exception:

Bore 73 max from a road going car or LDV may be used  
Stroke 69, 85 max (1100)  
KW 40 max  
Torque 100 max

#### UNO engines are open with the following exceptions:

Bore 70+40 thou max  
Stroke 72 max (1100)

KW 45 max

Torque 100 max

Any 73mm piston from a road going car or LDV may be used in a mini engine.

Standard clutch assemble & gearbox and flywheel are to be used.

The engine is to remain in its original position.

A mini S.U (37/38) Side draft may be used in standard form (1 and a half inch – single)

An original UNO carburettor to be used on an UNO engine.

Air cleaners are optional. No air routing or air induction is allowed.

100% Full throttle operation.

Only an original mini distributor may be used. It may be changed to electric. ( Motor drive, Brand's Auto)

No electronic management systems are allowed.

Cars are not allowed to produce more than 40kw & 100Nm torque measured on the flywheel. No car allowed to exceed the limits as specified in 6.1 and 6.2.

Torque will be tested on the flywheel.

The crankshaft may not be stroked.

Sump, gearbox and diff plugs are to be wired and all vehicles will have a drip tray fitted underneath the engine.

All drivers to produce a dyno sheet before the start of the season.

#### **EXHAUSTS:**

Exhausts systems are free.

Max – 108 Db.

#### **FUEL:**

Only pump fuel is permitted ( 95 Unleaded) Ethanol excluded.

#### **STEERING & SUSPENSION:**

No rose type joints are allowed. No alterations / modifications to wishbones or shock mountings.

Any Monroe / Armstrong / Gabriel shocks are allowed. Shocks must be used in standard form as it was fitted to an original Mini/Uno.

No spacers on wheels or behind bearings allowed.

The front left lower control arm may be extended with 10mm.

No lowering of suspensions will be allowed & only the original mounting points will be allowed. No shims / spacers allowed between the sub frame and chassis mountings.

No shims / spacers between the lower control arms and sub frame.

No alterations / modifications may be made to the sub frame or any part of the suspension except, front left lower control arm may be extended with 10mm.

Wheel studs can be up to 14mm.

#### **UNO only:**

Golf mk1 rear springs can be used to alter original front strut spring locator.

Original front strut spring locator may be altered to accommodate golf springs.

#### **Golf springs details:**

- Spring length unclamped – 200mm max
- Spring outer diameter – 115mm max
- Wire thickness – 13mm max

Rear spring must be standard

#### **TRANSMISSION:**

No limit slip differentials are allowed.

Differential ratios may be changed. Locking is allowed. Only standard UNO + MINI differential ratios may be used to suit different circuits.

#### **WHEELS & TYRES:**

##### **MINI:**

Any 145 SR 10" tyre may be used, **NO retreads.**

A maximum rim width of 4 and a half J is allowed (4.5)

Only 10 inch steel or epoxy standard rims (trailer) may be used. On the rims the maximum dish measured from the outside of the rim to the bolt height if the dish may not be more than 70mm.

Only 1100 mini drums may be used (not with built in spacers)

No altering of rims is allowed.

**UNO:**

Tyre maximum width: 155mm x 13"

Only local street tyres that is available to the public at all times and that can be bought over the counter may be used.

Only standard drum brakes may be used on rear + UNO standard brake front.

A maximum rim width of 4 and a half J is allowed (4.5)

Only steel or epoxy standard rims may be used. On the rims the maximum dish offset measured from the outside of the rim to the bolt height of the dish may not be more than 70mm.

No altering of rims is allowed.

**WINGS:**

Wings are not permitted.

This is the B Class of the Jnr Developments