

## 2015 Formula Vee South Africa Rule Changes

(Highlighted in yellow)

### 2.5 MINIMUM MASS

- 2.5.5 The scales present on the day shall, be deemed correct, the calibration allowance shall be taken into effect, should there not be a calibration allowance available a deemed value of +/- 1kg will be used.
- 2.5.6 No ballast, fuel, oil, brake fluid or coolant may be added prior to checking the mass. The driver may not consume and liquid or food before being weighed. Once the driver has left the weighing area the car may not be re-weighed. The car may be immediately rolled off and back onto the scale to be re-weighed if the car is underweight, the car may not be weighed more than 3 times.

### 5 DRIVERS COMPARTMENT

- 5.2 All cars shall be fitted with a seat mounted independently from, and not supported in any way, by the under-tray, approved by the FVA technical committee.

### 6 UNDER TRAY

- All cars must be fitted with a mild steel or Aluminium under tray, which shall meet the following criteria:
- 6.2 Must cover the area from the steering bulkhead to the main rollover bar.

### 8.1 FUEL TANKS

- 8.1.1 Fuel tanks may not protrude beyond the confines of the chassis;
- 8.1.6 Tank/s must be fitted with fuel breather pipe/s of 4mm maximum bore. These must be routed from the tank/s to the highest convenient point in the car (must be higher than the top of the fuel tank/s) and return to a position external to the cockpit and below the level of the tank/s.  
A motocross style one way breather valve is permitted.

### 9 FRONT SUSPENSION

- The standard Volkswagen Type 1 front suspension (Link and Kingpin type), conforming in all respects to Volkswagen specifications, shall be used, except for the following modifications:
- 9.1 The beam mounting brackets may be re-located in any position on the beam.
- 9.5.2 Be a totally self-contained integral unit without any facility for varying preset damping and stroke parameters from within the drivers' cabin. Any adjustment mechanisms must be totally mechanical, not via an electronic interface.
- 9.7 Negative camber on each front wheel shall be unlimited.

9.15 Locating screws may be fitted to the uprights to keep the link pin bushes in place.

9.16 The link pin bushes may be machined with an angled center hole to accommodate for camber changes.

## **10 STEERING**

10.6 Any spacer used between the steering arm and the tie rod end must not be thicker than 15mm unless the steering arm encases the tie rod end.

## **11 REAR SUSPENSION**

11.4 An Anti-Roll device may be fitted to the rear suspension.

## **12 TRANSMISSION AND REAR AXLE**

12.17 Any replacement gear set maybe used also long as the ratio confirms to the rules and the gear has a helical pattern.

12.18 Aftermarket replacement bearings may be used.

12.19 A bearing retainer plate as supplied by the FVA maybe fitted in between the nosecone and bearing carrier.

## **15.1 WHEELS AND HUBS**

15.1.7 The rear hub profile may not be altered and must remain a uniform circle.

## **15.2 TYRES**

15.2.2 Three (3) sets of tyres will be allowed per driver during a racing season.

15.2.8.1 Competitors have the choice of the following tyres, although availability is not guaranteed:

15.2.8.1 Supplied by Tiger Wheel and Tire:

15.2.8.1.1 Hankook Z214 C51, 205/55/R14

## **16.1 SPECIFICATIONS**

16.1.5.10 Any conrod and head bolts may be used

## **16.5 CYLINDER HEAD AND BLOCK**

16.5.2 The cylinder head may be skimmed. In this regard see Article 16.3

## **16.6 PISTONS AND RINGS**

16.6.2 From the underside of the piston crown.

16.6.4.2 By placing a flat bar with a machined surface over the landings of the piston and then winding the piston down until the bar is resting on the cylinder block. Then place a dial gauge in the centre of the bar, zero the gauge and wind the piston up

to TDC.

## **16.9 LUBRICATING SYSTEM**

16.9.7 The crankcase breather pipe may be altered but shall be connected to an oil catch tank of at least one liter capacity. The catch tank shall be clearly visible and easily accessible to be checked for oil content and firmly secured. **This catch tank must be made of Aluminium or Mild Steel.**

16.12.iv **Any manifold manufactured with similar measurements to the manifolds above.**

## **ART 5 CHAMPIONSHIP SERIES**

5.5 **An additional bonus point will be awarded to the competitor obtaining pole position**