



## 2013 AKA MANUAL

### ADDENDUM No. 28

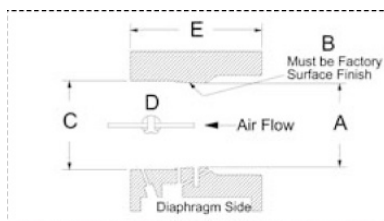
Issued: 20<sup>th</sup> August, 2013

At the NKC Conference held 16<sup>th</sup> to 18<sup>th</sup> August, 2013, the following was approved and is effective immediately.

#### 1. YAMAHA KT100S & YAMAHA KT100J TECHNICAL SPECIFICATIONS Additions to rules KTS 1.11 and KTJ 1.10

##### Carburettor

Must be Walbro WB series conforming to dimensions as per diagram. (Note – WB 24 is not eligible)



Measurement code:

A As cast MAX Venturi diameter 24.13mm

B As cast (area will extend from the front of the carburettor to the progression discharge jet which must have all or portion of this jet in the cast area.)

C MAX downstream diameter 25.7mm,

D Butterfly shaft must be located at the bore centre.

E MIN carburettor body length of 37.5mm

##### DIAGRAM IS FOR DIMENSIONAL REFERENCE ONLY

- It is permissible to machine the Walbro carburettor body to;
  - conform to dimension E
  - conform to dimension C (provided the machined bore and face remain visually concentric to the cast area).
  - accept an O ring for the low speed jet and throttle shaft.
- A threaded butterfly screw must be retained, countersunk screws are not permitted. Butterfly and shaft must be as manufactured.
- It is permissible to repair the inlet seat and throttle shaft bore in the Walbro carburettor. Carburettor bore may not be sleeved.
- It is permissible to enlarge only existing fuel / air holes, but they may not be deleted or relocated. The holes must be the same shape as originals when viewed externally.
- All air must pass through the carburettor throat.
- Adjustment of carburettor jet needles must be done by manually turning the jet needle (or its extension) only.
- Carburettor throttle cannot be actuated by electro mechanical means.
- It is permissible to fit a mechanical stop to limit the range of carburettor jet needle movement, however no modifications to the carburettor are permitted to mount such a stop.

~~No internal inspection required, ie covers will not be removed and only external measurements and visual inspection taken.~~

Where internal inspection is required, the carburettor will be impounded for further inspection by a State Technical Officer.

Pam Arnett  
National Secretary  
Australian Karting Association.