
Technical Rule Interpretation

No. TRI – 15/08

SPARK PLUGS – FOR DISTRIBUTION TO TECHNICAL OFFICERS AND STATE SECRETARIES

Date: 21/02/ 2015

Interpretation Number	TRI - 15/08	Approved by CEO On	21 February 2015
Drafted By	Technical Commissioner	Implementation Date	Immediate
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Background

There is some misunderstanding of the Rules related to Spark Plugs being a **non -technical item**.

It is apparent that there is a need for clarification of a simple rule and its interaction with the homologation papers of some engines.

Technical Rules Chapter1 Rule 9. j) Prescribes the following:

“Spark Plugs

(i) Unless specified in an Engine Homologation Document must have:

- 1) No more than 20.0mm engagement length without the washer.
- 2) No more than 12.7mm engagement length without the washer when used in the Comer SW80.

(ii) All other aspects related to Spark Plugs are deemed Non-Technical.”

Homologation Papers

(The following engines are used as examples only – the same interpretation applies to all engines where the spark plug is not mentioned as a homologated item.)

IAME KA 100 and Vortex Mini Rok Engines

The spark plug is not a homologated item on these engines.

- **IAME KA 100** - There are no specifications of the Spark Plug used on the IAME KA100 in the homologation papers.
- **Vortex Mini Rok** – The only stated specifications of the spark plug on the Vortex Mini Rok is that the “spark plug must have the original washer fitted when no temperature sensor is in use.
Shank length with washer 18.5mm maximum. No machining permitted.” (It must be a standard unmodified spark plug.)

Interpretation and Procedure

Technical Rule, Chapter 1 Rule 9 j)

If not specified and detailed in the homologation papers of an engine, the only matter which a Technical Inspector or Scrutineers needs to check is the “engagement length” of the spark plug.

The maximum lengths permitted are clearly shown in this rule. If as in the case of the Vortex Mini Rok an “engagement length” or “shank length” is specified then that is the maximum length permitted.

All other matters related to the spark plug are free. For the avoidance of doubt and absolute clarity, **this means that all spark plugs are dimensionally free except where stated in the Homologation documents.**

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