

## Appendix

amendments to manual EOS 150

status 09.2018

### spark plug - gap to spark plug electrode and moment of torque

To grant for a only single and exact spark at the right time due to ignition timing set for the engine it is also important to set the right gap to the electrode on the spark plug. The below picture shows the right measurement of gap.



A too wide gap resulting in lack of strength of the spark or interruptions. A too narrow gap resulting in inexact sparks and possible additional sparks at wrong times. Use an accurate feeler gauge to receive a correct measurement!

Moment of torque for the spark plug;

A part of the heat from the combustion goes through the spark plug but the majority should go to the cylinder head and to grant for this a correct moment of torque is imperative!

Therefore use the right figure of 25-30NM when mounting the spark plug.

Use an according torque wrench to receive a correct figure!

### alternatives to the NGK BR9HS (the recommended standard spark plug for EOS 150)

Alternative plugs could be f.e.;

Bosch W3AC

Champion 828

Denso IWF27

Adequate listings can be found in the Internet what compare various spark plugs to each other.