

Advisory Notice - Rotax 447

23/5/05

An incident has been reported whereby it has been found that the spark plug caps on a Rotax 447 single ignition engine had failed their gripping power and had come loose, causing intermittent ignition.

The spark plug caps in question were replaced 14hrs prior. The possible causes for this were excessive heat causing failure of the material in the cap, or faulty stock. The caps were manufactured by NGK, model LB05F 5K ohm.

Rotax official comment was to make sure that only the original Rotax spark plugs be used. These are solid at the top and do not have a screw on tip. The loosening of the tips was thought to be a possible cause also.

As part of any daily inspection, please make sure that the spark plug caps are seated firmly.

It has also been commented that the metal braiding around ignition leads on electronic ignition had been causing spark reduction.

If your engine is suffering this problem, please consult a level 2 or Rotax for further advice and possible testing with non braided spark plug leads.



Technical Manager