

HOMOLOGATION AND TECHNICAL SPECIFICATION UPDATE BULLETIN

HOMOLOGATION	IAME KA100 Reedjet	HOMOLOGATION NO.	106H
BULLETIN NO.	106H – (9)	BULLETIN DATE	2 August 2018
SUBJECT	Carburettor Mixture Needle O-Rings		

The information and specifications contained in this Homologation and Technical Specification Update Bulletin are to be read in conjunction with and form part of the homologation detailed herein.

EXPLANATORY NOTES SUPPLIED BY THE MANUFACTURER’S REPRESENTATIVE.

Over time the mixture needle O-Ring can soak up excess fuel causing it to compress more than usual which can reduce tension on the mixture needle spring. In some cases this may allow the mixture needle to rotate during operation due to normal engine vibrations. A cheap, easy solution to prevent the issue is to install a second O-Ring on the mixture needle to ensure spring tension is always maintained.

Homologation Document Reference

Appendix A to KA100 Homologation Documents

- E. Carburettor
- 5. It is permitted to install a second O-Ring on the mixture needle(s) to increase tension on the spring, therefore reducing the possibility of the needle rotating due to vibrations.

**Mixture Needle with
one O-Ring installed**



**Mixture Needle with
two O-Rings installed**

