

# HOMOLOGATION AND TECHNICAL SPECIFICATION UPDATE BULLETIN

HOMOLOGATION	IAME KA100 Reedjet	HOMOLOGATION NO.	106H
BULLETIN NO.	106H – (10)	BULLETIN DATE	20 August 2018
SUBJECT	Carburettor Kits		

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.

It has come to our attention that there is some confusion around the carburettor kits that are eligible for use in the HW33A and HL398A carburettors. The aim of this bulletin is to clarify what is legal to be used in accordance with the rules that are already in place and how to identify the differences between the kits.

## Homologation Document Reference

### Appendix A to KA100 Homologation Documents

Replace Clause E2 with the following

#### E. Carburettor

2. The only carburettor kits permitted for use with the KA100 Carburettors are:

a) HW33A Carburettor: -

- DG-2HW (Half Kit)
- RK-11HW (Full Kit)
- DG-3HW (Half Kit)
- RK-6HW (Full kit).

b) HL-398A Carburettor: -

- DG-7HL (Half Kit)
- RK-127HL (Full Kit).
- DG-2HW (Half Kit)
- RK-11HW (Full Kit)
- DG-3HW (Half Kit)
- RK-6HW (Full kit).

### Explanation

#### DG-7HL Diaphragm Kit and RK-127HL Repair Kit

These were the original kits supplied for the HL398A Carburettor and are still eligible for use with this carburettor.

**These kits are not eligible for use with the HW33A carburettor as the 0.5mm pump diaphragm gasket does not comply with the homologation (Page 31).**

All specifications for these kits can be found on page 26 of the KA100 homologation document.

Key Points:

- 0.5mm pump diaphragm gasket (item 13)
- Black Gaskets (item 9 & 13)
- Clear diaphragm (item 14)



### DG-2HW Diaphragm Kit and RK-11HW Repair Kit

These were the original kits supplied for use in the HW33A carburettor as detailed on page 31 of the homologation.

The only difference between these and the DG-7HL and the RK-127HL kit is the pump diaphragm gasket.

The DG-2HW and the RK-11HW kits contain a 0.8mm pump diaphragm gasket (P.N: 16-B392.)

The DG-7HL and the RK-127HL kits contain a 0.5mm gasket (P.N: 16-B223).

These kits may also be used in the HL398A as per homologation bulletin 106H-5.

**Key Points:**

- 0.8mm pump diaphragm gasket (item 13)
- Black Gaskets (item 9 & 13)
- Clear diaphragm (item 14)



### DG-3HW Diaphragm Kit and RK-6HW Repair Kit

These kits were introduced at the beginning of 2018 as per homologation bulletin 106H-7.

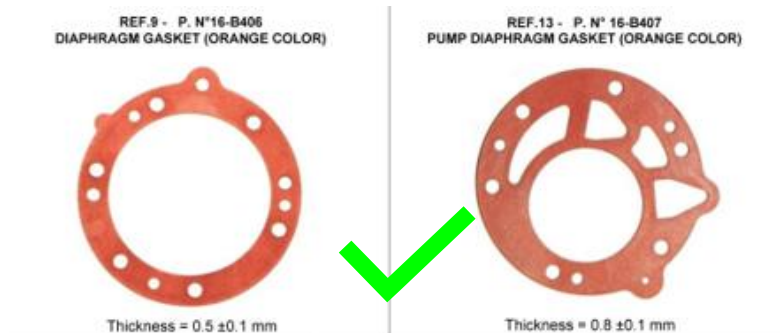
They may be used in both carburettors.

These kits have identical specifications to the DG-2HW and RK-11HW save for the colour of the parts:

- the Brown pump diaphragm and
- the orange colour of the gaskets.

**Key Points:**

- 0.8mm pump diaphragm gasket (item 13)
- Orange Gaskets (item 9 & 13)
- Brown diaphragm (item 14)



From 1<sup>st</sup> January 2019 the Tillotson DG-3HW and RK-6HW carburettor kits will be the only kits permitted for use with both the HW-33A and HL-398A carburettors as per Homologation Bulletin 106H-7.

**IMPORTANT NOTE**

The DG - 1-HL Repair Kit is not an approved repair kit for either of the carburettors homologated for use on the KA100 engine.

