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HKS700E SERVICE BULLETIN

MANDATORY

SB-0501

Subject:

Cracks, wear on the carburetor insulator rubber.

Engine affected:

HKS700E from S/N 100751

Reason:

One or more of the following could result in increased stress and damage of the carburetor insulator rubber:

- Over torque of the rubber clamp
- Unapproved and untested changes of installation of the carburetor
- Too low idle speed
- Unbalanced propeller
- Unsuitable fuel, not specified in the Operation Manual or with more than 5 % Alcohol added
- Improper carburetor synchronization
- Use of an airbox and airfilter not approved by HKS

Compliance:

- Prior to the next take-off, the carburetor insulator rubber must be inspected for damage according to the following instructions. Replace with part no. 04Y-284 if damaged.

- Every 50 hours of operation, the carburetor insulator rubber must be inspected for damage according to the following instructions. Replace with part no. 04Y-284 if damaged.

 **WARNING!**

Non-compliance with these instructions could result in engine damage, personal injury or death!

Instructions:

The inspection must be done by a competent person.

- Inspection of the carburetor insulator rubber
Remove the carburetor and inspect insulator rubber according to the following Fig 1.

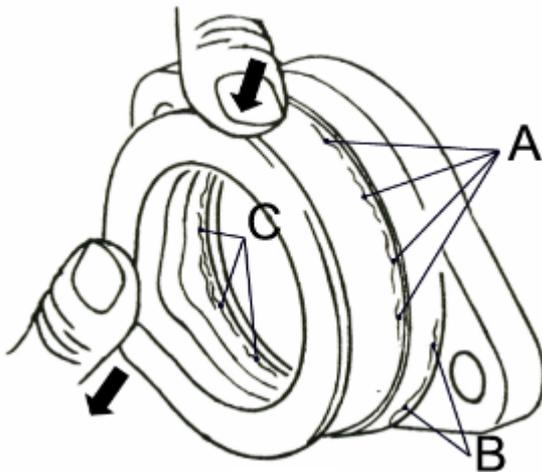


Fig 1

Compress insulator rubber by finger to allow easier detection of cracks A, B and C.

If cracks are detected, replace to the new insulator rubber 04Y-284.

- Replacement of the carburetor insulator rubber.
Attach new insulator rubber and tighten with 2 M8 bolts to 2.4 [kgfm] applying LOCTITE243.

Tighten M5 screw up to the gap of 10-11[mm] as Fig 2.

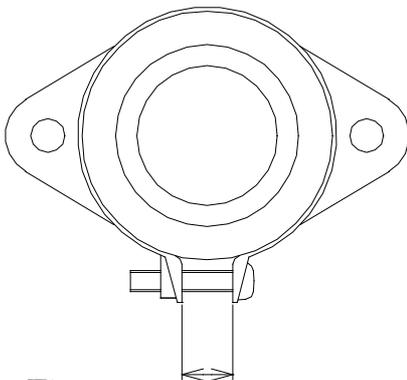


Fig 2

- Test run up
Perform the test run in accordance with the Operation Manual. Check the proper idle speed and carburetor synchronization if necessary.

Notes:

This bulletin will be effective until further notice.

June 14, 2005

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