

JABIRU SERVICE BULLETIN

Number SL8

REVISION 1

Hydraulic Lifters

1 Introduction

We have been monitoring the engines over years and we have noticed that with the Hydraulic Lifting Engines up and till Hollow Pushrod Engines series. carbon build up on the valves and inside the cylinder heads builds up over time.

We have tried various methods and have now come to the conclusion that by fitting different type of hydraulic lifter with a better check valve and opening up the pushrod bleed hole allows the lifters to work more efficiently.

This allows the valve to seal more positively preventing the carbon build up and the valve seat faces and stay cleaner longer.

2 Applicability


All Hydraulic Lifting Jabiru Engines up and till Hollow Pushrod Engines series.

3 Approval

Approval of this procedure is provided by signatory indicated in the approval block at the footer of Page#1, for and on behalf of Shadow Lite c.c.

4 Priority

It is recommended that by the next service this upgrade is done.

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APPROVED BY	SIGNATURE							APPROVING AUTHORITY	APPROVAL DATE
								SHADOW LITE C.C.	14-Dec-10

5 Requirements

This is mandatory

Man hours to complete : 7 hours

Purchasing of hydraulic lifters, manifolds (p/n SA00ALKZ)
manifold pushrods and pushrod tubes

6 Acceptable Methods

Only appropriately trained and rated persons to carry out the work

Step	Task	Action and Description
1	Remove exhaust intakes and inlet tubes	Refer to engine manuals
2	Remove cylinder head	Refer to Engine manuals
3	Remove push rod tubes and send to Shadow Lite CC	Refer to engine manuals
4	Remove and replace hydraulic lifters.	Refer to engine manuals
5	Push rods to be modified.	Refer to engine manuals
6	Jig drill and tap, drain and manifold holes	Refer to engine manuals
7	Shorten pushrod tubes	Refer to engine manuals
8	Assemble manifolds p/n SA00ALKZ and ensure correct sealants & o-rings	Refer to engine manuals
9	Assemble newly modified pushrods and tubes.	Refer to engine manuals
10	Reassemble engine.	Refer to engine manuals
11	Run and check engine.	As per engine manual Record Blow bys in log book
12	Record in logbook	According to SACAA requirements

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