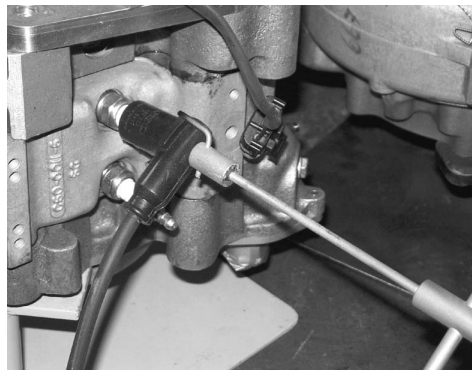


Subject: The ASH 31 Mi is equipped with inspection holes at the fuselage underside; these will allow the exchange of the spark plugs with the power-plant still mounted.

Tool: Alexander Schleicher offers an optional special tool, which simplifies the pulling and mounting of the spark plug connector through the inspection holes at the fuselage underside. This tool can also be reproduced on the basis of the drawing 803.04.0001.

Accomplishment: After uncovering the inspection holes at the fuselage underside (pull off the tape), the auxiliary tool must be slid onto the cable support sleeve of the plug. Then carefully pull the plug. Because the plug is very close to the fuselage wall, to disconnect the plug complete it must be turned sideways. For this the tool must be disconnected from the plug.



Now the spark plug can be unscrewed using a socket spanner A/F 16

Then the new spark plug or the cleaned and checked spark plug respectively can be screwed in again. Torque moment: 10 Nm.

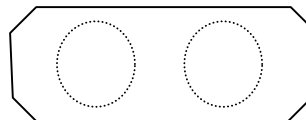
Next the spark plug connector is slid back on the spark plug if necessary by means of the auxiliary tool which was left attached, press on until it clicks into place.

Sliding on the tool, using the example of a dismantled engine

Note: It is recommended to accomplish the whole procedure not on both spark plugs at the same time, but consecutively. Thus only one auxiliary tool is required and the risk of mixing up the plugs and plug connectors is excluded.


Completion: Subsequently the inspection holes must be closed again with a suitable adhesive tape (e.g. fabric tape TESA, 38 mm wide, P/N 4651):

How to cut the adhesive tape:



Poppenhausen, October 1, 2011

Alexander Schleicher
GmbH & Co.

i.A. 
(M. Münch)