

- Subject : Mechanical fuel pump manual revision
- Effectivity : LS10 variant LS10-st
LS8 variant LS8-t (Commercial Designation: LS8-st resp. LS8-tc)
- Accomplishment : Instruction 1: when replacing the fuel pump, standard from ser. No. L10-24 (LS10-st) and 8529 (LS8-t) on.
Instruction 2: when replacing the fuel pump, latest prior to the next annual inspection
- Reason : The initially installed mechanical fuel pump type Bing is no more available. As substitute a Mikuni fuel pump with same characteristics may be used (see also Solo SB 4603 – 15).
However the mounting points for the fuel pump at the engine mount are different to the initial pump, so the engine mount must be modified.

Manual revision due to the fuelpump and other findings.
- Instructions : 1. Replace the damaged mechanical fuel pump by a new fuel pump type Mikuni DF44-18 according to Working instruction No.1 for TNLS10-03 and TN8022.

2. Exchange the following manual pages against new pages issued October 2015 marked with TNLS10-03 resp. TN8022. Respect the changes marked in the right hand margin.
Maintenance manual LS10-st: 0.1, 0.4 - 0.7, 1.28, 4.14, 5.2, 8.1, diagrams 22 and 23
Maintenance manual LS8-t: 0-1, 0-4 up to 0-8, 1-28, 1-30, 3-7, 4-12, 4-13, 4-23, 4-24, 4-28, 6-1, 6-2, 9-1, 10-2, 10-2a, 10-9
- Material : Working instruction No.1 for TNLS10-03 and TN8022 with material listed therein
- Weight and balance : influence negligible
- Remarks : Instructions No. 2 may be executed by the pilot/owner himself and are to be inspected and entered in the aircraft logs by a licensed inspector at latest with the next annual inspection.

Instructions No. 1:
1. EASA countries: The actions have to be performed in a Part -145 approved organisation, or in a Part M, Subpart F approved organisation according to the regulations of the Part M and released according to M.A.801.
2. Non EASA countries: The actions have to be performed in a licensed workshop. All instructions are to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date:
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