Subject : Coolant pump, interchangeable part

Effectivity : DG-800B, DG-808C

Accomplishment : In case a defective coolant pump needs to be replaced, standard from ser. No. 8-421B230 on.

Reason : The Webasto coolant pump installed up to now is no longer available. As replacement we have tested a pump Pierburg 7.02058.50.0.
As this pump is smaller, it can only be installed with an Adapter.
As the pump-rate is a little smaller than the Webasto pump we recommend to change the coolant to a mix from 1 part antifreeze and 2 parts water (for temperatures down to approx. -20°C, -4°F).

Instructions :
1. Remove the defective pump and install the new pump with adapter and plug with wiring according to drawing 8R314. Use the hose clamps as used for the existing pump to fix the new pump.
   Secure the wiring with a Ty-rap.
2. Remove the coolant according to MM section 4.5.2 (DG-800B) resp. 4.16.2 (DG-808C) and store the coolant.
3. Mix coolant 1 part antifreeze and 2 parts water (for temperatures down to approx. -20°C, -4°F) according to MM section 4.5.3 (DG-800B) resp. 4.16.3 (DG-808C).
4. For operation at very low temperatures (e.g. high altitude flying) exchange the coolant again to the 1:1 mix (approx. -40°C, -40°F)
5. Only DG-808C: New control unit software Version 1.6 must be installed.

Material : 40863140 Coolant pump with adapter 8R313/1 and plug with wiring 8R313/2
60510953 Ty-rap 186x4,8
0,6 Litre Anti-freeze (Glykol)
1,2 Litre distilled water

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