

Service Info No. 110/23 Securing of locknuts

Subject	: Securing of locknuts at adjustable rod ends
Effectivity	DG and LS motorgliders, all variants
Accomplishment	: Latest with the next annual inspection
Reason	<p>: All locknuts are secured by spring washers between the lock nut and the pushrod or in some cases by Loctite (only LS). Unfortunately it could be found that in some motorgliders the lock nuts came loose. This doesn't affect the airworthiness as the rod ends secured by the lock nuts can't turn out of the pushrods. But increased free play in the affected control system may be noticed.</p>
Instructions	<p>: 1. The section "Adjustment and servicing of the control circuit" must be amended by the handwritten text, see blow. The text to be amended is in section: DG-400, DG-600M, DG-800 A, B, DG-808C, DG-1000T und M: 4,3 LS8-t: 4.17 LS10: 4.3 Caution: All locknuts Tighten the lock nuts firmly with an open end spanner. Apply a mark from nut to rod e.g. with securing paint to make it easy visible if the nut came loose.</p> <p>2. Check all locknuts if loose and if necessary tighten them firmly with an open end spanner. Apply a mark from nut to rod with securing paint or with a thin brush and a suitable paint e.g. synthetic lacquer.. In case the adjustment of a rod end must be changed, remove the paint and apply a new mark afterwards.</p> <p>Note: The above mentioned text is already contained in the DG-1001E maintenance manual and will be added to other MMs in case of a manual revision. There is no English MM for the LS9.</p>
Material	: Securing paint or a thin brush and a suitable paint e.g. synthetic lacquer.

Bruchsal
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Author: Wilhelm Dirks

