

- Subject : Front spark plug connector
- Effectivity : Dg-400 with Bosch polar fire ignition electronic boxes
- Accomplishment : When installing a new front spark plug connector
- Reason : The initially used spark plug connector is no more available. The replacement type is a little larger and might contact the rod end of the gas strut during retraction of the powerplant which may result in a damaged connector. Therefore the upper connection of the gas strut must be moved to the centre by 5mm. This will be accomplished by installing modified spacer bushings.
- Instructions :
 1. Execute the instructions described in the MM section 4.3.1 removal of the spindle drive items 1 up to 8.
 2. Install the spacer bushing 4R6/5 (5mm shorter) instead of 4R6/3 see MM diagram 7.
 3. Install the spacer bushing 4R66/2 (5mm longer) instead of 4R66 (between rod end and rubber mount) see MM diagram 7.
 4. Reassemble, use a new selflocking nut.
- Material :
 1. spark plug connector Beru 0300252308
 2. spacer bushing 4R6/5
 3. spacer bushing 4R66/2
 4. selflocking nut M10 DIN985-8zn
- Weight and balance : influence negligible
- Remarks : Instructions No. 1-4 are to be executed by the manufacturer or by a licensed workshop and to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date:
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