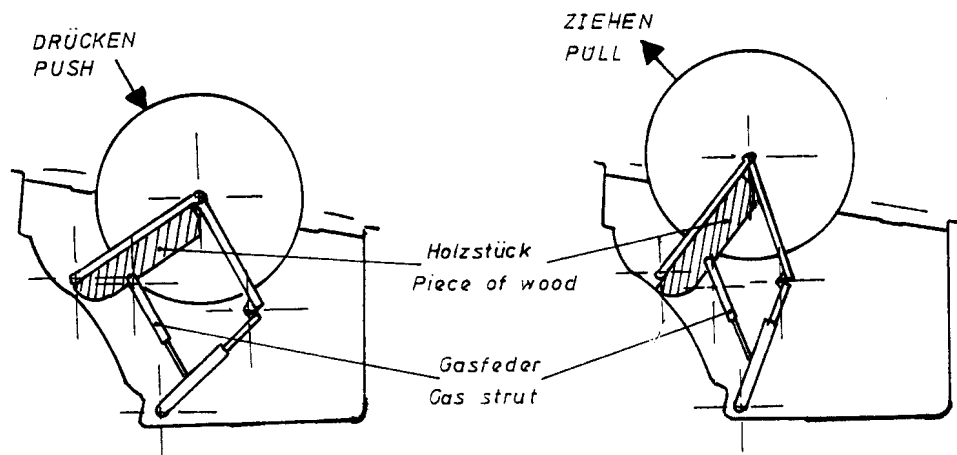


- SUBJECT** : Replacement of the undercarriage gas strut
- EFFECTIVITY** : DG-100, 200, 300, 400, 600 M, 800 all version with retractable landing gear
- ACCOMPLISHMENT**: If necessary
- REASON** : The gas strut is under compression in all positions of the landing gear. So removal and installation is only possible with a special method.
- INSTRUCTIONS** : 1. Extend the undercarriage
2. Turn the fuselage upside-down on a suitable stand.
3. Prepare a piece of wood cut to the required shape (drawing enclosed) and place it inside the wheel box at the left hand side according to the sketch below.
4. Unlock the undercarriage, hold at the wheel. Slowly retract the undercarriage until the cut out hollow in the wood touches the end of the gas strut.



5. Whilst holding the main wheel steady, have a helper unscrew the screw holding the end of the gas strut to the wheel box.
6. Slowly extend the undercarriage by pulling on the wheel, so that the strut extends, lock the undercarriage.
7. When the strut is fully extended, remove the wood and remove the remaining split pin and clevis pin to remove the gas strut.
8. Reassembly is the reverse of the above.

MATERIAL : Gas strut No. A1A1-00-060-225/460N
Split pin 1.5 x 12 DIN 94 St zn

Bruchsal 4, date 04.01.1996

Wilhelm Or

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