

1. Dismount baggage compartment rear wall and bottom.
2. Dismount seat (See Instructions for Continued Airworthiness for details)
3. Dismount screwed connection of landing gear outer drive to drive rod in position extended (See scetch at 3, 6 mm thread, width over flats 10 mm):
 - a. Fix 10 mm ring spanner with tape at outside of outer drive lever.
 - b. Loosen bolt using 10 mm open ended wrench or ratchet with socket.
4. Drill out 2 rivets (4 mm diameter) at outer tube of longitudinal motion ball bearing of landing gear drive rod from cockpit side. Dismount drive rod from forward drive rod (See scetch at 4, 6mm thread, width over flats 10 mm). Pull drive rod out of longitudinal motion bearing. Caution, 6 polyamid balls (9.5 mm in diameter) will fall out of the cage.
5. Dismount gas strut from drive rod (Caution, 15 kg (33 lbs) of pretension load) (See scetch at 5):
 - a. Dismount nuts from gas strut fixing bolts (6 mm thread, width over flats 10 mm)
 - b. Using a screwdriver as a lever against the fixing U-section, compress gas strut until bolt can be removed.
 - c. Dismount gas strut cautiously (pretension !) from fixturas.
6. Part No. 4R2-111 replaces gas strut. It is drilled at one end only and must perhaps be adjusted in length before drilling other end with 6.1 mm diameter such, that original drive rod legth remains unaltered.
7. Insert drive rod with part No. 4R2-111 fixed into longitudinal motion bearing outer tube from cockpit; connect rear end with outer drive lever; fill bearing cage with balls, insert into outer tube and fix securing rivets (4 mm diameter).
8. Connect drive rod to forward drive rod, adjust play at cockpit lever by rod end bearings in cockpit to zero.
9. Check all connections for nuts fitted and locked. Check landing gear operation: locked without play, extending and retracting.
10. Reinstall baggage compartment bottom and rear wall as well as seat.

