

DATE: JUNE 18, 2002

SERVICE KIT: #35

SUBJECT: Modification – Landing Gear

MODEL: 8000 Floats S/N 80244 DN.

<u>Item</u>	<u>Quantity</u>	<u>Part No.</u>	<u>Description</u>
1	1	8A04270-003	Metering tube
2	2	AN6227-39	O Ring
3	1	AN6227-37	O Ring
4	1	AN6230-9	O Ring
5	8	AN936A10	Star washers

Instructions for replacing metering tube in oleo shock strut.

- 1) Stand oleo upright in a vise open Schrader valve and let all the pressure off (leave valve open), remove plug and drain oil.
- 2) Mark the retainer gland so it will go back on in the same location.
- 3) Take the 8 bolts out of the retainer gland.
- 4) Pull the top of the oleo out of the outer cylinder.
- 5) Stand outer cylinder assembly off to the side .
- 6) Put top of oleo in vise and remove lock nut so you can remove the piston, leave retainer gland on inner cylinder and remove inner cylinder from top end cap.
- 7) Loosen lock nut and remove metering tube.
- 8) Install lock nut onto new metering tube.
- 9) Install metering tube into end cap and adjust to 11 15/16 in length (from the end cap to the end of the tube). Tighten and stake lock nut.
- 10) Install new AN6230-9 o-ring into end cap.
- 11) Put inner cylinder into place in end cap.
- 12) Install a new AN6227-39 o-ring on the outside of retainer gland.
- 13) Install piston on the metering tube and tighten piston. Install lock nut and stake. Install a new AN6227-39 o-ring onto the piston
- 14) Remove top oleo assembly from vise and put bottom assembly back into the vise, make sure there is the proper amount of 5606 hydraulic fluid 1140+/-20 ML.
- 15) Install top assembly into bottom assembly.
- 16) Line up marks and install bolts with new AN936A10 star washers.
- 17) Fill with 210 +/- 10 PSI.