

SERVICE KIT: #38

DATE: November 13, 2002

SUBJECT: Installation – Retainer - Pin Shock Strut

MODEL: 3000, 3450 Amphibian Floats.

<u>Item</u>	<u>Quantity</u>	<u>Part No.</u>	<u>Description</u>
1.	2	21A04193-007	Retainer – Pin Shock Strut
2.	2	MS24665-155	Cotter Pin
3.	2	21A04503-004	Retaining Pin

INSTALLATION INSTRUCTIONS:

REMOVAL:

1. Remove access cover, over main gear tunnel.
2. Aircraft fuel tanks to be full, and then apply enough weight to floats to release pressure on retaining pins in top of shock struts. Protect and evenly distribute weight on float so it will not be damaged. Examples: lead shot, sandbags, containers filled with water. This can also be accomplished with several people sitting on the float. Weight varies with each installation.
3. Remove cotter pins and remove retaining pin.

ASSEMBLY: coat retainer, pin and cotter pin with corrosion protective grease. NOTE: do not apply grease to rubber doughnuts, as they will not operate correctly.

4. Install item (1) p/n 21A04193-007 retainer in top of shock strut tube, line up holes. Install retainer so cotter pin holes face aft.
5. Install item (3) p/n 21A04503-004 retaining pin, thru shock strut tube & item (1) retainer. Install item (2) MS24665-155 cotter pin in retainer legs, this will prevent item (3) retaining pin from coming out of shock strut tube.
6. Reinstall access cover, and remove weight.

NOTE: periodic checking for corrosion is necessary in this area of the float, and it depends on corrosion conditions in your area.

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