

SERVICE KIT: #41

DATE: November 13, 2002

REISSUED: February 18, 2003

SUBJECT: Installation – Pin Shock Strut

MODEL: 2100A S/N's: 21327A, 21328A (updated), 21344A, & DN
2350A S/N's: 23046A & DN.

<u>Item</u>	<u>Quantity</u>	<u>Part No.</u>	<u>Description</u>
1.	2	21A04503-004	Retaining Pin
2.	2	21A04585-002	Sleeve
3.	2	MS24665-151	Cotter Pin

INSTALLATION INSTRUCTIONS:

REMOVAL:

1. Remove access cover, over main gear tunnel.
2. Remove gear indicator arm
3. Remove aft track spreader plate.
4. 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.
5. Remove cotter pins and remove retaining pin.

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

6. Install item (1) p/n 21A04503-004 pin and (2) p/n 21A04585-002 sleeve in top of shock strut tube, line up holes.
7. Install item (3) p/n MS24665-151 cotter pin thru sleeve and retaining pin.
8. Reinstall access cover, and remove weight.
9. Do log book entry and complete S/L 55 compliance section and return to Wipaire Inc.

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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