

No: 000248

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C CHRISTEN INDUSTRIES INC.
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Subject: INSPECTION OF 31021-001
HINGE PIN

There is a possibility that a small quantity of 31021-001 hinges may have been supplied to Christen by the manufacturer with an aluminum hinge pin in place of the steel hinge pin specified. This hinge is used to attach the alternate air door to the back plate assembly of the air intake manifold.

Although an aluminum hinge pin will normally perform adequately in this application, you may wish to inspect your hinge pin and replace it if it is made of aluminum.

For aircraft completed and flying the hinge pin is difficult to remove and should be simply inspected in place by removing the air intake grill and air filter which then affords a direct view of the hinge assembly. Inspect for bowing or deformation of the hinge pin where the air door return spring is attached and for wear of the hinge pin itself.

Please telephone the Christen factory collect to order a replacement steel hinge pin, if desired. Request parts and instructions for replacing an aluminum hinge pin if the hinge has already been installed in the aircraft.

Enclosures:

None