

Hawker 800XP, Corroded Fuselage Attachment Links, ATA 5741

A repair station technician says, "Severe corrosion was found in the L/H lower, wing-to-fuselage casting lug during a 12/8-year links/brackets/bolts inspection.

"Probable cause: exposure to constant moisture from improper fuselage-to-wing fairing sealing practices (produced the corrosion), and/or constant exposure to TKS anti-icing fluid from improper plumbing practices that may have led to system leaks (and then subsequent corrosion).

"Recommendation: proper sealing methods (should be employed) when attaching wing-to-fuselage fairings. And proper plumbing practices (should be used) when performing maintenance on wing anti-ice systems. Note: Use of a corrosion preventative compound...at this location may prevent this condition ...with scheduled applications." (Wing-to-fuselage link/bearing P/N: 25-8WS3103-1. The following photos are distorted vertically—Ed.)



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