



Service Bulletin SB.JS-009

11 May 2012

TITLE

Inspection of tailplane captive bolt

APPLICABILITY

MODEL	SERIAL NUMBERS
JS1A	N/A
JS1B	010 – 033

REASON

The tailplane captive system can be overloaded. This Service Bulletin shows how to reinstall the captive system.

DESCRIPTION

The tailplane bolt is held captive with an O-ring to avoid misplacing the bolt.

COMPLIANCE

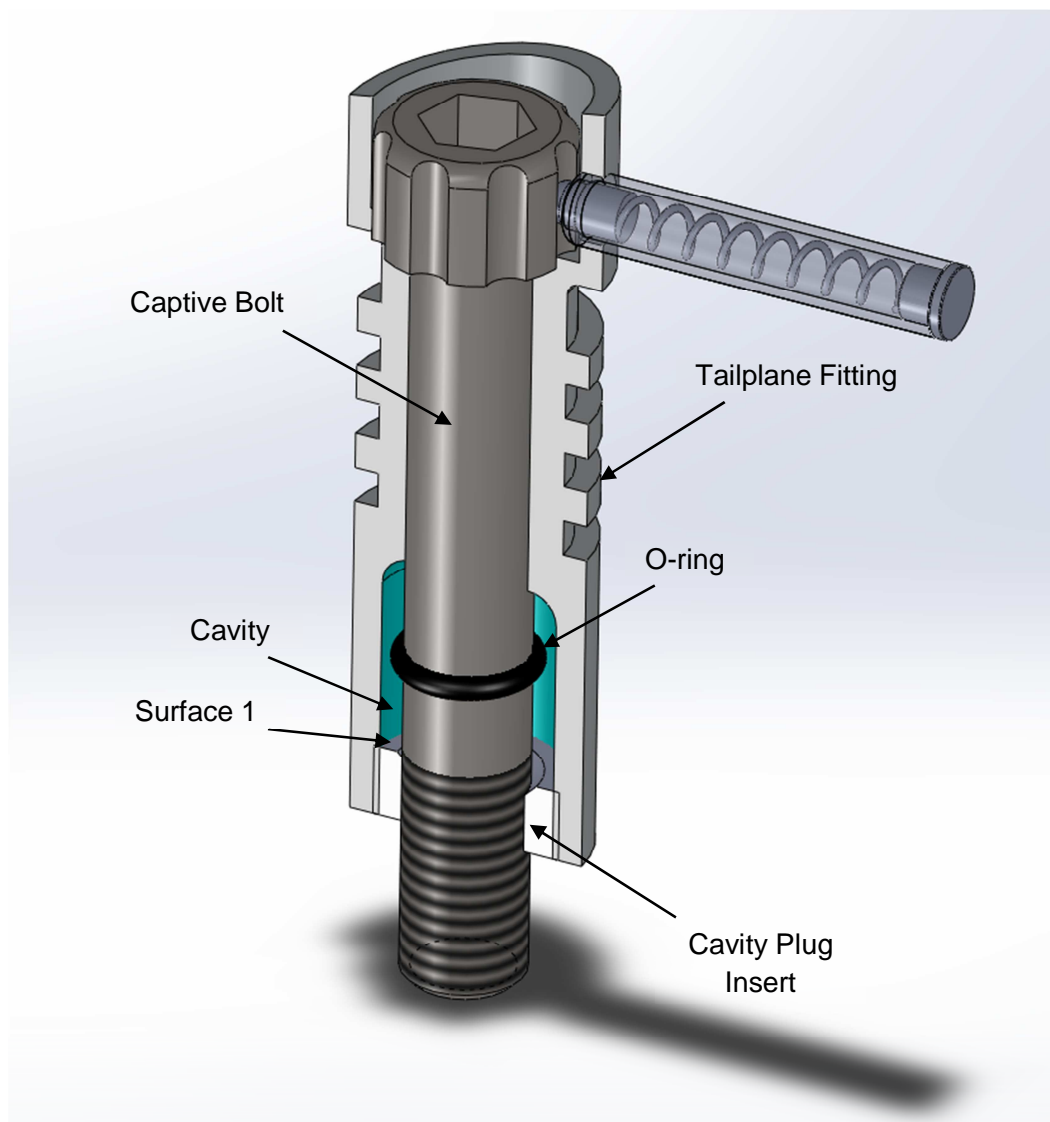
RECOMMENDED. This Service Bulletin should be accomplished at the next scheduled maintenance period or phase inspection not to exceed 100 flight hours or 60 days from the date of receipt, whichever comes first.

INSTRUCTIONS

Check if the tailplane bolt is captive by inverting the tailplane and that the bolt does not fall out. The O-ring is normally stretched over the bolt shank in the cavity to ensure that the bolt is unable to slide out.

If the bolt is not captive it is recommended to follow this procedure to reinstall the O-ring.

- 1) Remove the tailplane bolt from tailplane Insert O-ring into bolt hole from top of tailplane. The O-ring will drop into the cavity. Ensure that the O-ring lies level on the bottom surface edge of the hole(Surface 1).
- 2) Install the bolt from the top and push down lightly on the O-ring, so that it slides up the bolt.
- 3) If the O-ring does not slide onto the bolt, hold the bolt in position on top of the O-ring. Gently press the O-ring onto the bolt using a thin rod or equivalent to press against while turning the bolt clockwise. NB, the O-ring will be damaged if forced over the bolt.
- 4) Re-check that the bolt is captive by inverting the tailplane and checking that the bolt does not fall out.



MATERIAL

O-ring ID 8 mm x 2 mm

MASS AND BALANCE

Not affected

MANUALS

Not affected

Chief Design Engineer
or Accountable Manager Signature: _____ Date: _____

Document name:

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