

RANS

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Assembly Alert: 192

Date: February 8, 2021

Subject: Missing Seat Bottom Tube

Compliance: Mandatory

Models Affected: S-20 RAVEN with non-lacing (no zip ties) Seat Back (KAST0035)
S-21 OUTBOUND with non-lacing (no zip ties) Seat Back (KAST0035)

This Assembly Alert applies **ONLY** to Seats using non-lacing (no zip ties) Seat Back (KAST0035).

These Seats may also be identified by the lack of Seat Back Plates (KPST0073-1 thru -3).

We have discovered the revised seat assembly is lacking technical information on assembly using a 5/8" tube (Seat Bottom Tube – KPST0135) that is used to secure the aft edge of the seat bottom. If you already have your seat assembled minus this tube, it may be added without taking apart the seat.

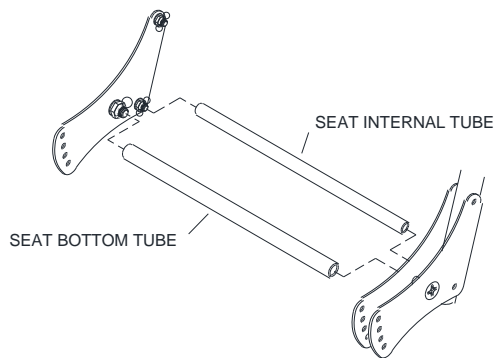
Please use the technical instructions included below in this alert.

The 5/8" tubes will be provided at no charge, however you must call RANS parts department to order. State you need parts for Assembly Alert 192, part number: KPST0135 (qty. 2).

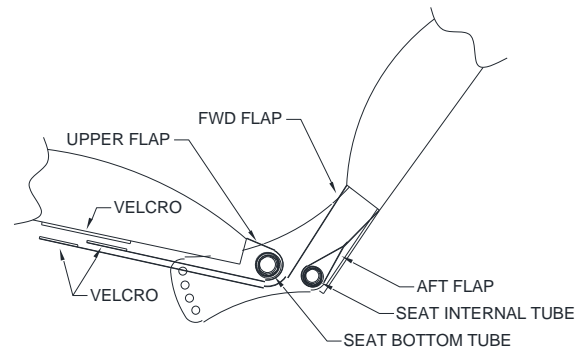
Thank you for your attention to this matter. Hopefully, we have not inconvenienced you to any great degree. Fly safe.



1. Remove Seat Frame from Fuselage.
2. If Seat Bottom Cushion is installed, pull it forward as far as possible to allow seat frame to flex.
3. Check length of both tubes (Seat Bottom Tube & Seat Internal Tube) to be sure they are of equal lengths. Trim the longer tube to match the shorter tube.
4. Spread Seat Frame until Seat Bottom Tube can slip over the 1/4" Shear Nut.
5. Install Seat Bottom Tube and Seat Internal Tube. Be sure Aft Flap of Seat Back Cushion is captured by the Seat Internal Tube.
6. Pull Upper Flap around Seat Bottom Tube until Velcro overlaps evenly half-way onto AFT end of Velcro on seat bottom.
7. Pull FWD Flap under Upper Flap and secure to FWD end of Velcro on seat bottom.
8. Re-install Seat Frame in Fuselage.



SEAT TUBE PLACEMENT



SEAT FLAP ROUTING

RANS
SEAT TUBE PLACEMENT AND SEAT FLAP ROUTING
ASSEMBLY ALERT 192

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