

1/4" Anti-Rotation Bolt

Rev

SD-1002

Evolution Aircraft, Inc

September 1, 2021

Status: Optional

Background:

It is possible to shear the AN-3 bolt that goes through the front axle and brake caliper during braking. This will cause brake failure. Upgrading to an AN-4 bolt will strengthen this area.

Scope:

All Rev weight-shift-control aircraft delivered prior to September 1, 2021.

Authorized Persons:

Anyone is allowed to execute this safety directive in accordance with the instructions in this directive.

Tools and Articles Required:

Drill
1/4" drill bit
(2) 7/16" wrenches
5/32" Allen wrench

Kits supplied by Evolution Aircraft, Inc Includes:

AN-4 Bolt with hardware

Compliance:

Compliance is optional.

This is how to comply with this directive:

- Loosen clamp bolts on triple trees and remove fork tubes.
- Remove axle bolt from right fork tube.
- Slide wheel off axle.
- Remove AN-3 anti-rotation caliper bolt.
- Enlarge 3/16" hole in axle and caliper to 1/4".
- Reassemble using supplied AN-4 bolt.



Testing:

- Check the brakes in a safe, open area.