

Applies To

All models with sprogs.

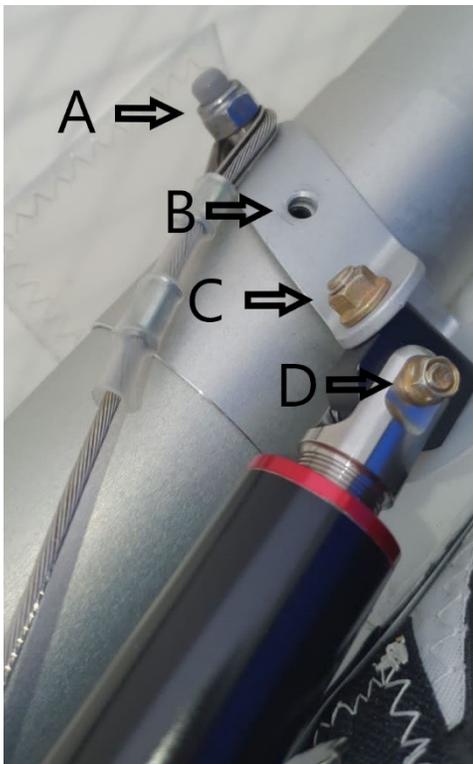
Background

The Sprog is secured to the leading edge via a C shaped bracket which is secured to the leading edge with a through bolt in the vertical plane and supported against rotation by a structural rivet. Overtightening of the nut at A in the picture below, or the application of downward force on the sprog without the sprog deployed in the normal set-up position, can cause the rivet to become loose or dislodged entirely.

Inspection Requirement

At each sprog mounting location, check for the presence, and security of the structural rivet at B. Check that the nut at A is not overtightened, by comparing the measured tube diameter in the direction of the bolt with that at 90 degrees to the bolt. If necessary, loosen the nut at A until the tube measures the same in both directions, then verify that the nut is still locked in place and cannot be loosened by hand.

The nuts at C and D below should be secure on the associated bolts, however, they must not be overtightened. When there is no load on the sprog system (cable is slack), it should be possible to rotate the nut/bolt assembly at D by hand, with the nut and bolt turning together. The nut at C should not be so tight as to restrict the rotation of the sprog assembly into the deployed position. It should not be possible to unscrew either nut from the bolt by hand when holding the head of the bolt secure.



At B: Missing rivet - Item 10R-0366



Sprog Bolt is overtightened, compressing the tube out of round