

## Aeroprakt A22LS Tie-down rings installation

Please read through all the instructions before starting the installation!

Get a friend or prepare a suitable trestle to support the end of the wing, as this installation requires the removal of the wing strut top mounting bolt!

The procedure for the A22LS is slightly different from that for the A32 – ensure you are following the correct one! These instructions are for the A22LS.



### A22LS Foxbat & Kelpie

1. If fitted, remove the upper strut fairing retaining screws and slide the fairing a short way down the strut. Beware scratching the strut or fairing!
2. Loosen the inboard bolt of the three (3) which anchor the strut/wing bracket and remove the nut and washer.

Note: A22LS bolts are installed from the top side of the strut, with the nut and washer on the bottom. A32 bolts are installed from the bottom, with the nut on the upper side..



3. Ensure the wing is properly supported and then remove the strut-wing mounting bolt. These are usually installed from the front, towards the back.



4. Carefully lower the strut a short way (do not lower to the floor or you may damage the inboard strut/fuselage fitting!) and (if fitted) remove the strut fairing.
5. While the strut is lowered, remove the loosened inboard bolt and insert the supplied new inboard AN4-26A bolt, pushing through from the top into the strut.
6. Temporarily replace the strut and strut-wing mounting bolt, so the wing is supported.
7. If a strut fairing is fitted, cut a small slot in the top part of the fairing where it meets the strut – just enough to allow you to put a spanner on the inboard bolt head which will hold the tie-down ring. Cut the lower side of the fairing as shown, to allow the tie-down ring to be added to the new inboard bolt. See pictures below



8. Again support the wing and remove the strut-wing mounting bolt.
9. Slide the fairing back onto the strut, ensuring it is orientated correctly
10. Replace the strut-wing mount bolt from front to back – don't forget the safety pin!  
Tighten to torque 6 Nm (approx 4.5 ft-pounds). Do not overtighten!
11. Replace and screw the top strut fairing in place.

12. Add the tie-down ring to the new bolt, plus 2x washers & nut and tighten to torque 6 Nm (approx 4.5 ft-pounds). Do not overtighten!  
Note: DO NOT lose the bushing in the tie-down ring!



1. Repeat the procedure for the opposite side.